

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114360.D
 Acq On : 17 May 2019 19:51
 Operator : JU/SJ
 Sample : K2894-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:05:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	199703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	770064	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	367442	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	727356	20.00	ng	0.00
76) Chrysene-d12	14.03	240	485570	20.00	ng	0.00
87) Perylene-d12	15.52	264	476253	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1430000	115.23	ng	0.00
7) Phenol-d6	6.50	99	1874597	127.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	1168660	85.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	464914	122.39	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1911851	78.71	ng	0.00
79) Terphenyl-d14	12.96	244	1815578	77.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	191850	28.126	ng	99
3) Pyridine	3.37	79	536886	28.568	ng	96
4) n-Nitrosodimethylamine	3.31	42	297039	32.776	ng	93
6) Aniline	6.51	93	514277	24.257	ng	# 1
8) 2-Chlorophenol	6.64	128	560545	42.312	ng	99
9) Benzaldehyde	6.40	77	405496	39.464	ng	99
10) Phenol	6.51	94	683841	39.606	ng	92
11) bis(2-Chloroethyl)ether	6.58	93	554132	42.274	ng	98
12) 1,3-Dichlorobenzene	6.79	146	565842	38.050	ng	99
13) 1,4-Dichlorobenzene	6.86	146	580303	38.725	ng	99
14) 1,2-Dichlorobenzene	7.02	146	543073	39.668	ng	99
15) Benzyl Alcohol	6.99	79	472161	41.246	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1002095	39.428	ng	75
17) 2-Methylphenol	7.11	107	453733	41.693	ng	94
18) Hexachloroethane	7.36	117	198139	35.226	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	387804	41.685	ng	100
20) 3+4-Methylphenols	7.26	107	580416	46.162	ng	# 78
22) Acetophenone	7.26	105	757765	44.419	ng	# 90
24) Nitrobenzene	7.43	77	598969	42.858	ng	95
25) Isophorone	7.67	82	1107351	43.514	ng	99
26) 2-Nitrophenol	7.75	139	297428	43.865	ng	94
27) 2,4-Dimethylphenol	7.79	122	504491	47.373	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	698425	42.298	ng	99
29) 2,4-Dichlorophenol	8.00	162	466479	43.990	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	480822	39.875	ng	99
31) Naphthalene	8.15	128	1556778	43.279	ng	99
32) Benzoic acid	7.89	122	40748	11.602	ng	92
33) 4-Chloroaniline	8.20	127	221562	13.517	ng	97
34) Hexachlorobutadiene	8.27	225	263292	38.375	ng	97
35) Caprolactam	8.57	113	84203	24.352	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	510323	47.810	ng	99
37) 2-Methylnaphthalene	8.85	142	1043199	44.950	ng	97
38) 1-Methylnaphthalene	8.95	142	993362	45.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	474108	42.595	ng	99

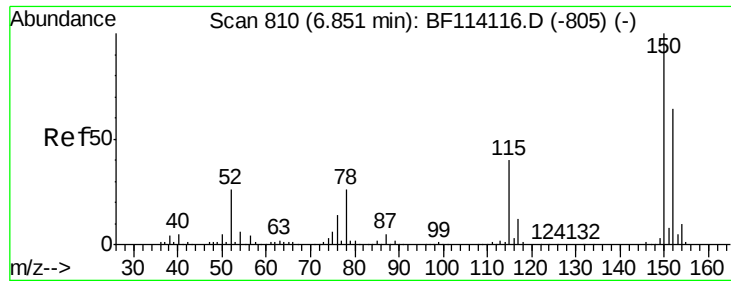
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114360.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	38766	11.396	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	329755	43.072	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	353045	44.965	ng	96
46) 1,1'-Biphenyl	9.30	154	1270179	42.790	ng	98
47) 2-Chloronaphthalene	9.33	162	972407	40.704	ng	98
48) 2-Nitroaniline	9.43	65	357242	42.165	ng	92
49) Acenaphthylene	9.75	152	1571297	43.245	ng	98
50) Dimethylphthalate	9.60	163	1469024	54.461	ng	99
51) 2,6-Dinitrotoluene	9.67	165	264382	44.191	ng	92
52) Acenaphthene	9.92	154	909174	40.776	ng	98
53) 3-Nitroaniline	9.84	138	174048	23.436	ng	94
54) 2,4-Dinitrophenol	9.96	184	40602	19.104	ng	97
55) Dibenzofuran	10.09	168	1335358	40.843	ng	97
56) 4-Nitrophenol	10.03	139	389199	74.104	ng	93
57) 2,4-Dinitrotoluene	10.08	165	338495	41.685	ng	# 86
58) Fluorene	10.43	166	1087782	43.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291599	43.043	ng	99
60) Diethylphthalate	10.30	149	1185979	43.273	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	517740	41.742	ng	97
62) 4-Nitroaniline	10.46	138	275689	35.327	ng	98
63) Azobenzene	10.59	77	1131073	42.636	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60205	17.226	ng	92
66) n-Nitrosodiphenylamine	10.54	169	1008969	45.706	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	334984	41.829	ng	96
68) Hexachlorobenzene	10.99	284	347944	39.273	ng	95
69) Atrazine	11.07	200	306239	44.578	ng	99
70) Pentachlorophenol	11.19	266	307966	73.329	ng	99
71) Phenanthrene	11.40	178	1544920	43.658	ng	98
72) Anthracene	11.45	178	1591298	44.771	ng	99
73) Carbazole	11.60	167	1515364	44.710	ng	98
74) Di-n-butylphthalate	11.93	149	1821052	46.636	ng	100
75) Fluoranthene	12.59	202	1590241	41.731	ng	98
77) Benzidine	12.71	184	1038981	47.667	ng	95
78) Pyrene	12.82	202	1588898	40.677	ng	99
80) Butylbenzylphthalate	13.42	149	746630	45.411	ng	94
81) Benzo(a)anthracene	14.02	228	1359567	43.289	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	487515	40.015	ng	# 98
83) Chrysene	14.06	228	1330551	43.218	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1040014	48.365	ng	100
85) Di-n-octyl phthalate	14.62	149	1733669	49.735	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1006358	36.986	ng	99
88) Benzo(b)fluoranthene	15.09	252	1352692	44.334	ng	99
89) Benzo(k)fluoranthene	15.12	252	1226524	43.761	ng	98
90) Benzo(a)pyrene	15.46	252	1191174	44.360	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	847195	37.968	ng	100
92) Benzo(g,h,i)perylene	17.46	276	801262	35.833	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

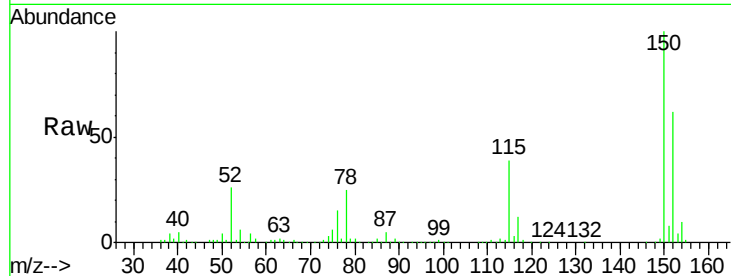


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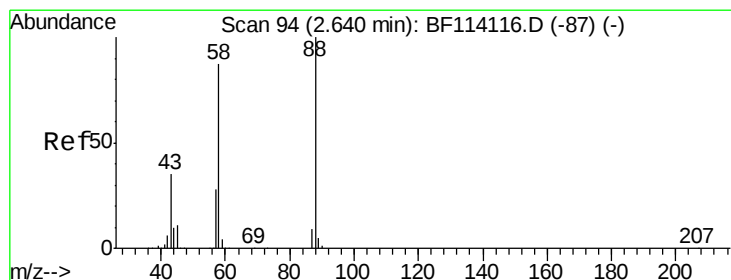
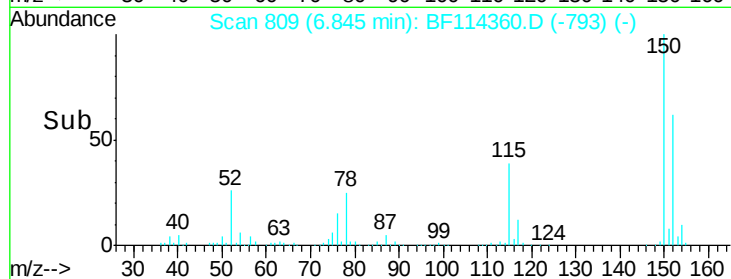
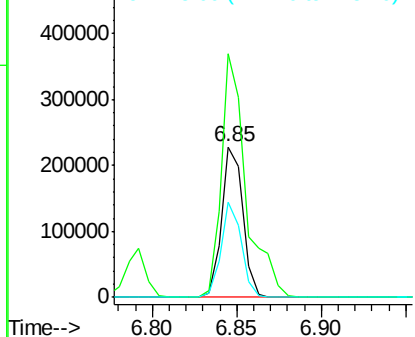
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.3	186.5
115	63.2	49.1	73.7



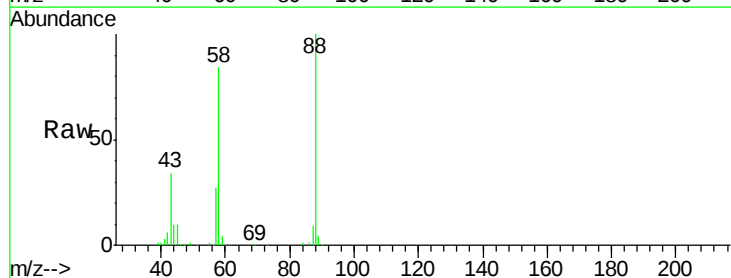
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



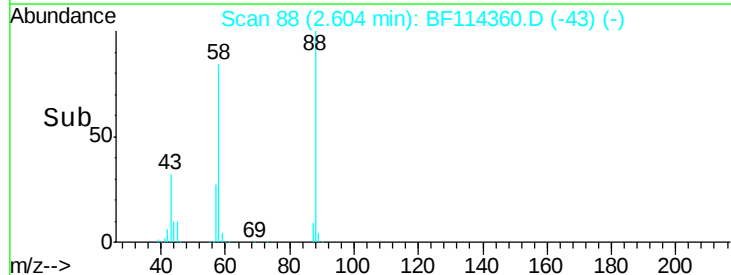
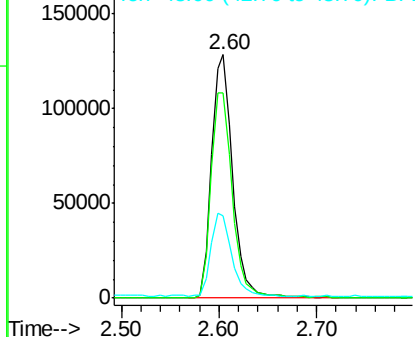
#2

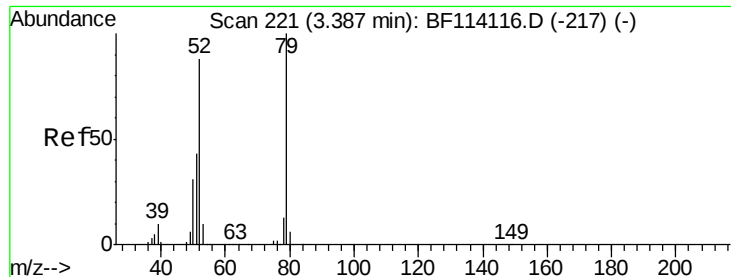
1,4-Dioxane
Concen: 28.126 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.04 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	68.7	103.1
43	33.7	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.568 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampled :

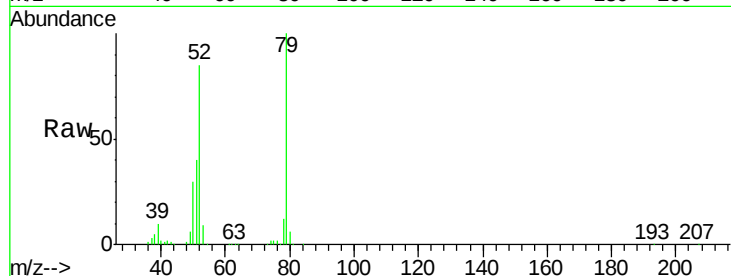
Tot Ion: 79 Resp: 536886

Ion Ratio Lower Upper

79 100

52 84.7 70.6 105.8

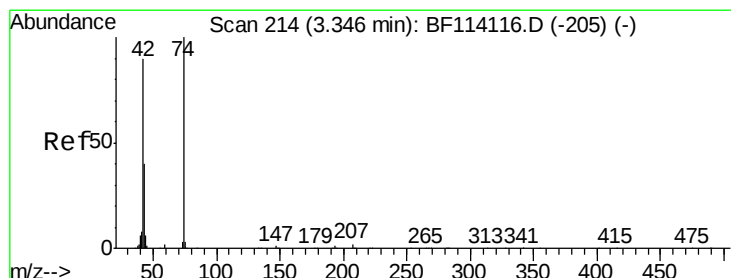
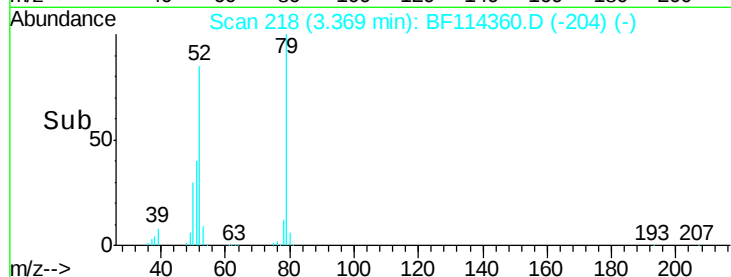
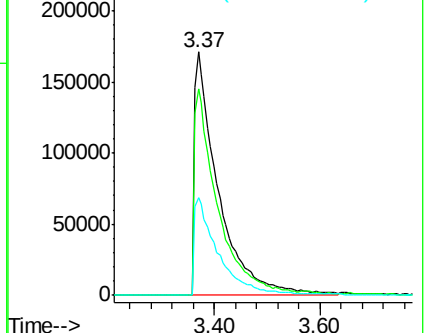
51 40.2 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.776 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

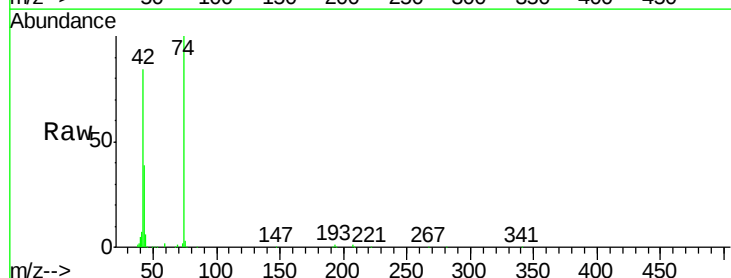
Tgt Ion: 42 Resp: 297039

Ion Ratio Lower Upper

42 100

74 118.5 88.6 132.8

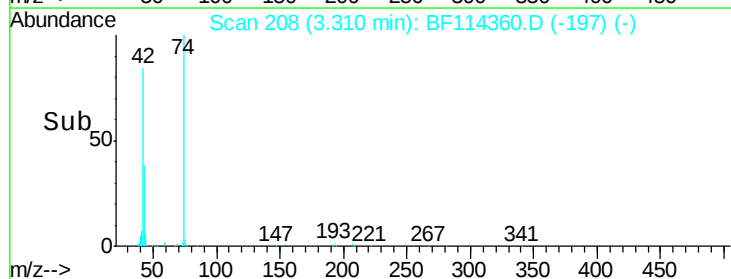
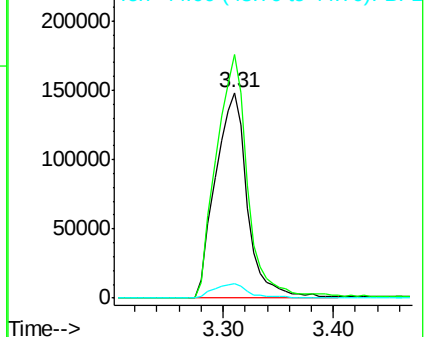
44 7.0 5.5 8.3

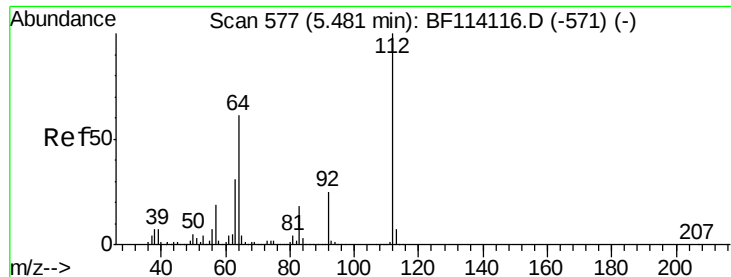


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.233 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

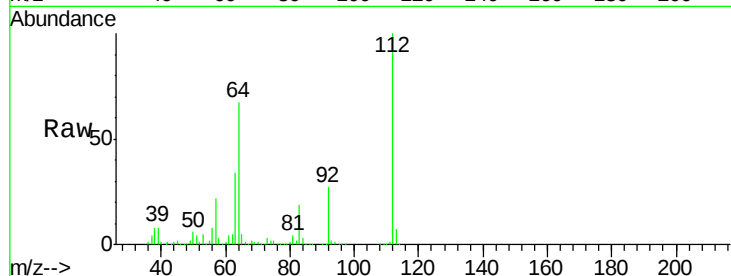
Tot Ion:112 Resp: 1430000

Ion Ratio Lower Upper

112 100

64 67.1 49.0 73.6

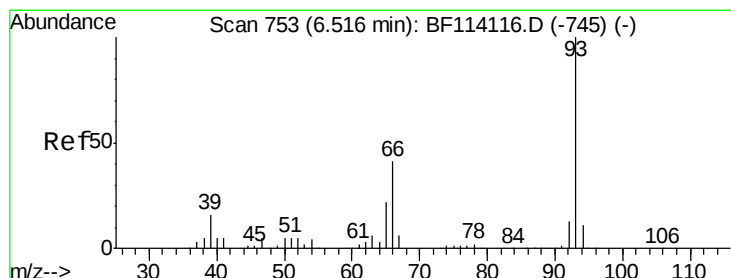
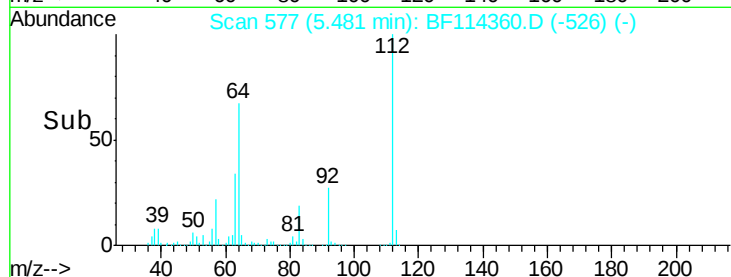
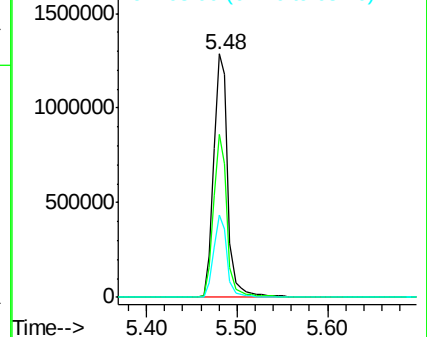
63 33.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.257 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

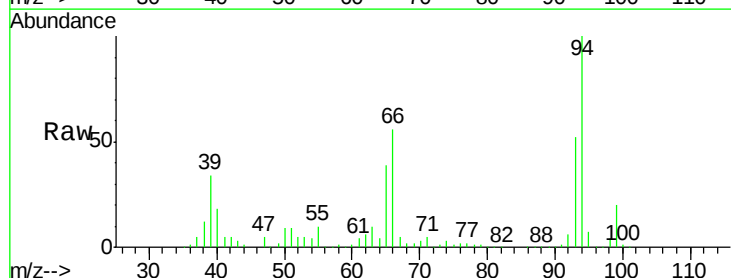
Tgt Ion: 93 Resp: 514277

Ion Ratio Lower Upper

93 100

66 107.6 33.2 49.8#

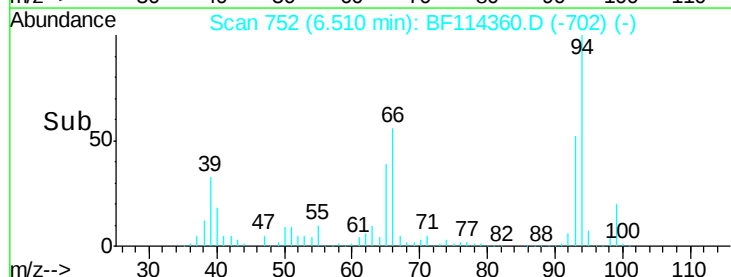
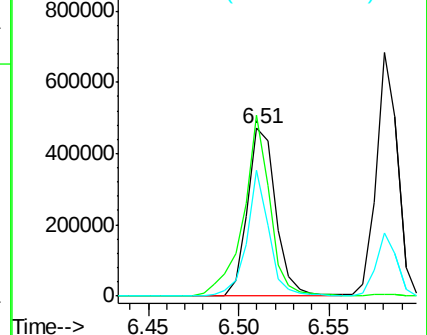
65 75.2 17.6 26.4#

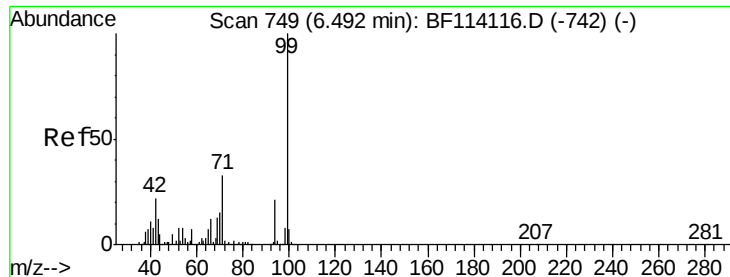


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.721 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

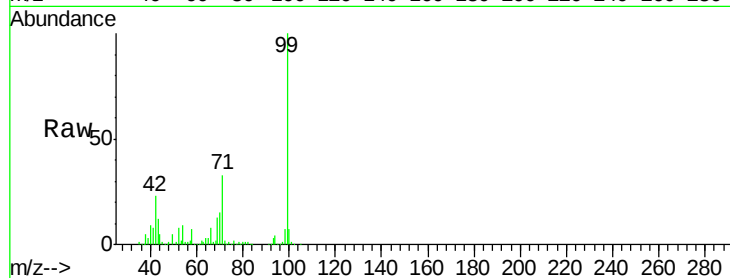
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1874597

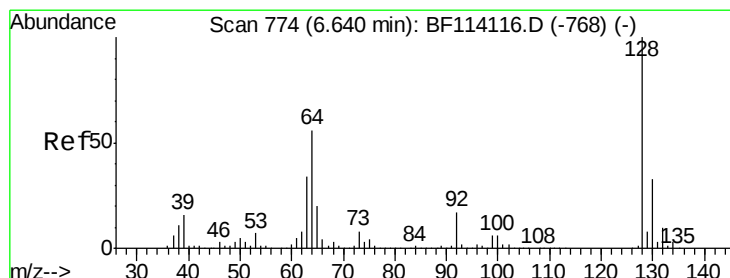
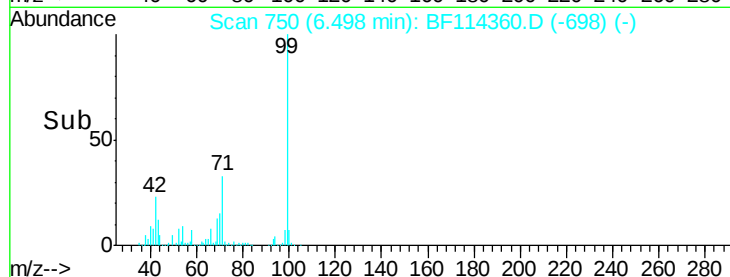
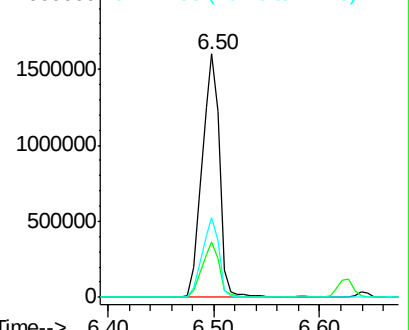
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	32.9	26.2	39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.312 ng

RT: 6.64 min Scan# 774

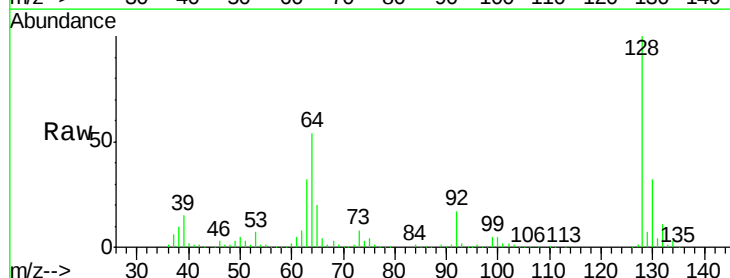
Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion: 128 Resp: 560545

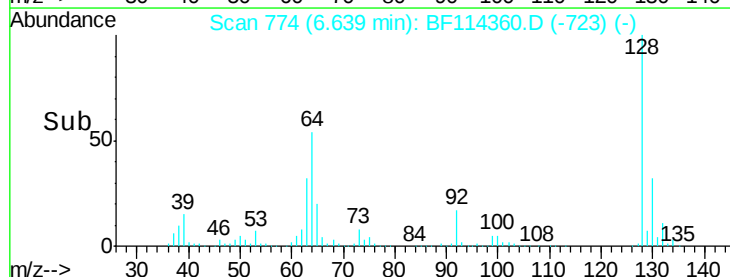
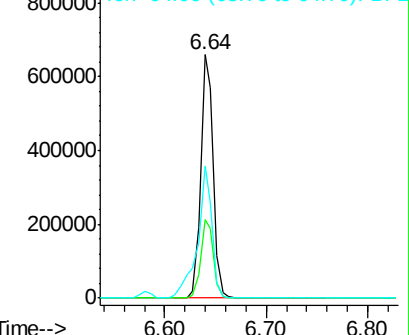
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	54.4	35.9	75.9

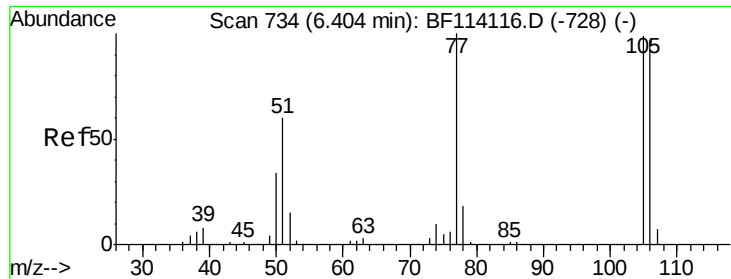


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.464 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampled :

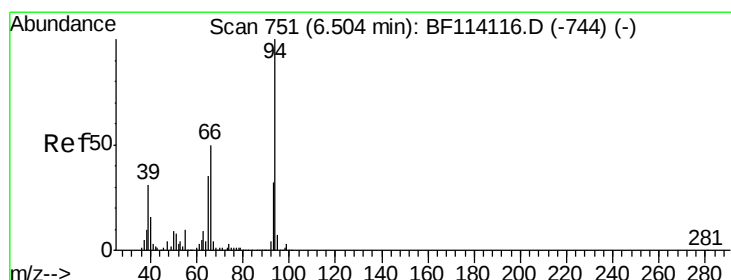
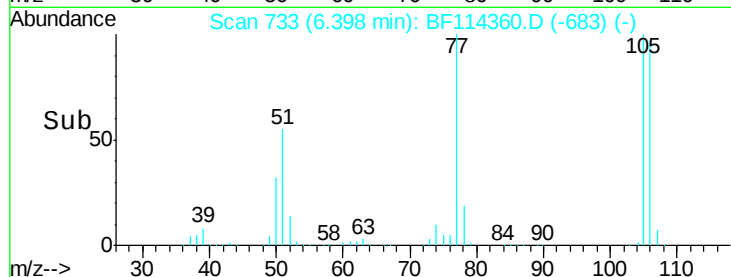
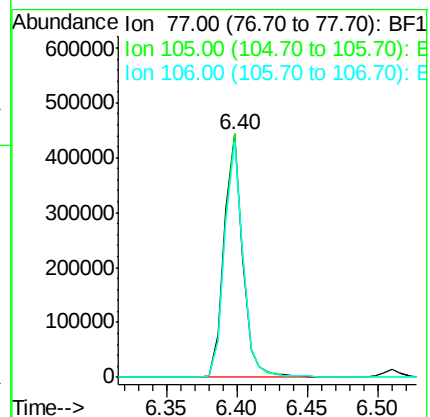
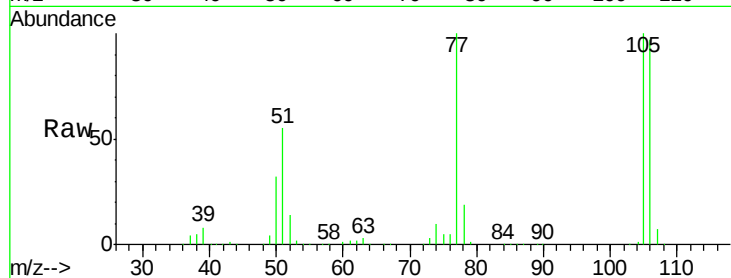
Tot Ion: 77 Resp: 405496

Ion Ratio Lower Upper

77 100

105 100.2 79.3 119.3

106 97.2 77.0 117.0



#10

Phenol

Concen: 39.606 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

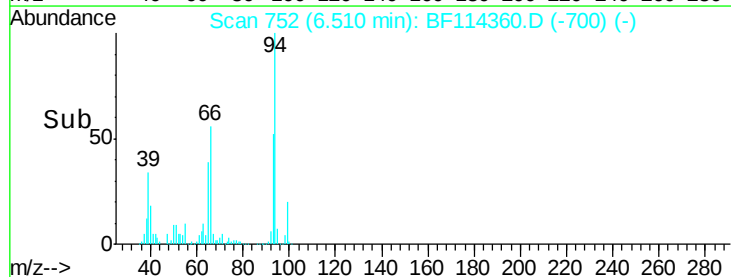
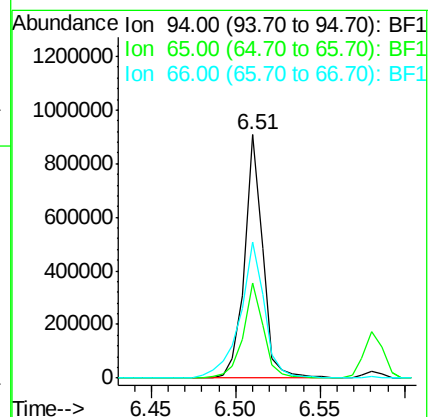
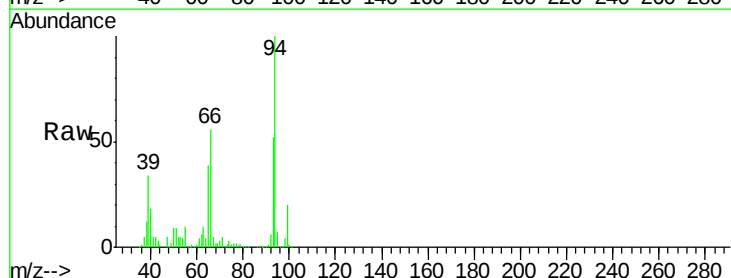
Tgt Ion: 94 Resp: 683841

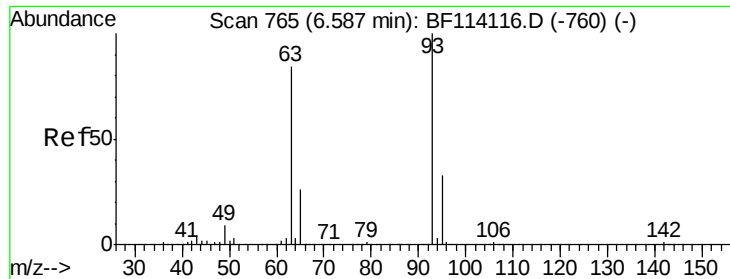
Ion Ratio Lower Upper

94 100

65 38.9 14.7 54.7

66 55.7 29.6 69.6

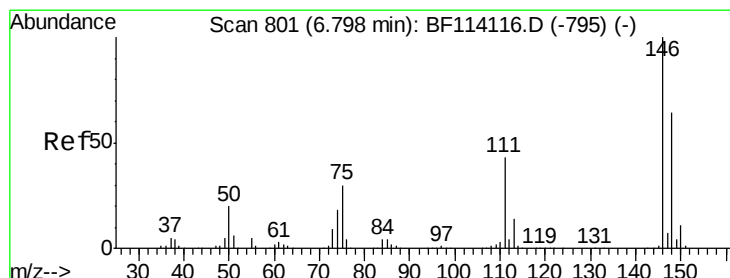
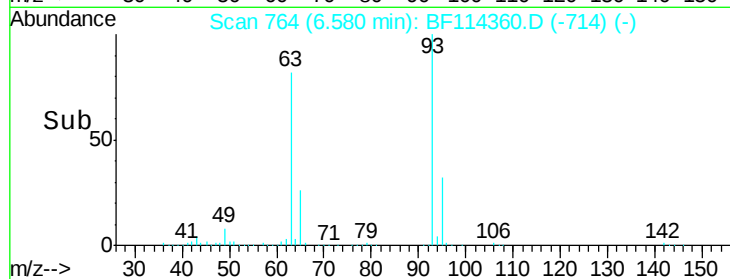
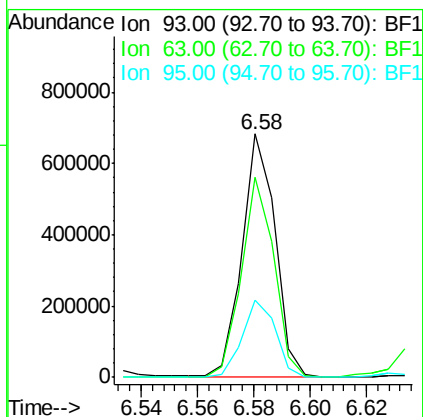
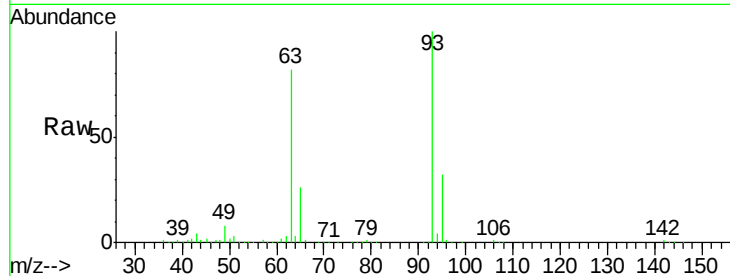




#11
bis(2-Chloroethyl)ether
Concen: 42.274 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

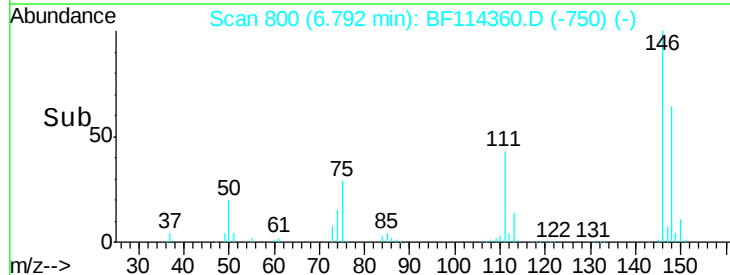
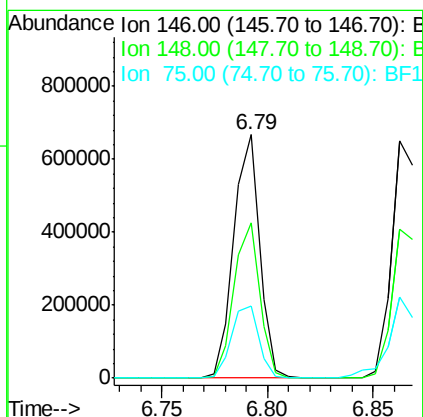
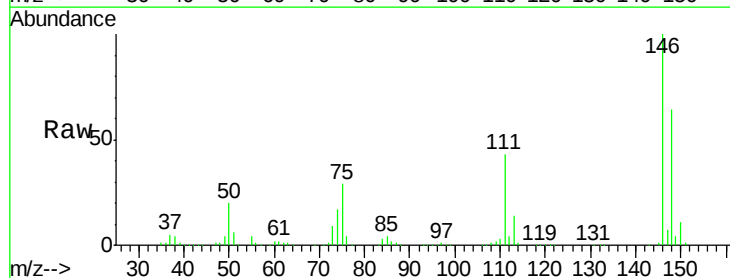
Instrument :
BNA_F
ClientSampleId :

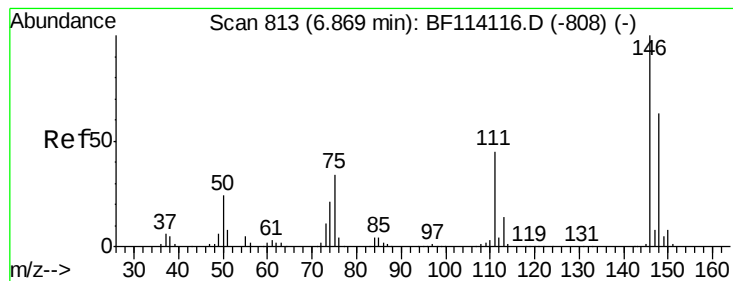
Tot Ion: 93 Resp: 554132
Ion Ratio Lower Upper
93 100
63 81.9 63.6 103.6
95 31.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.050 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion: 146 Resp: 565842
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 29.4 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 38.725 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampled :

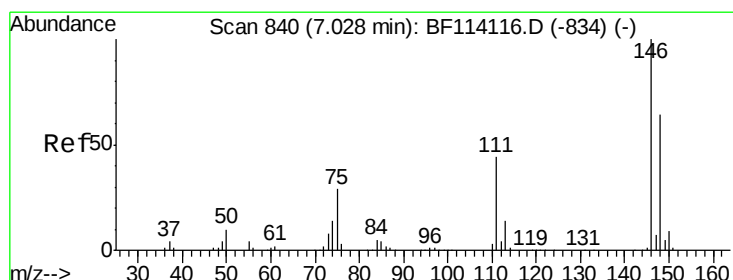
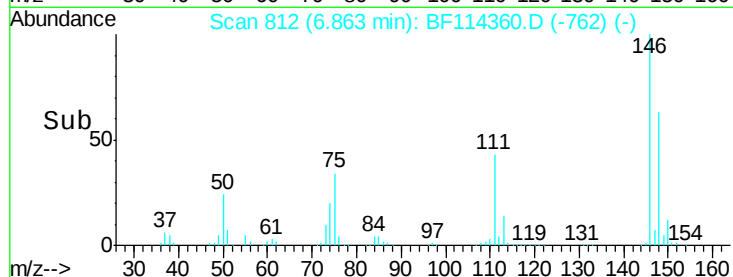
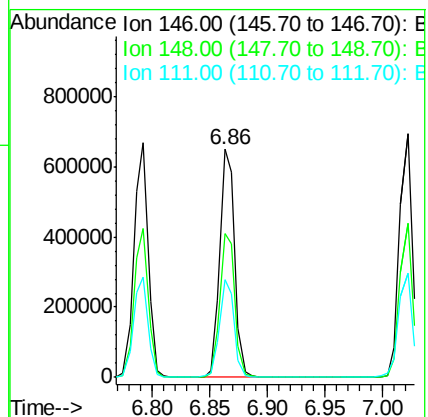
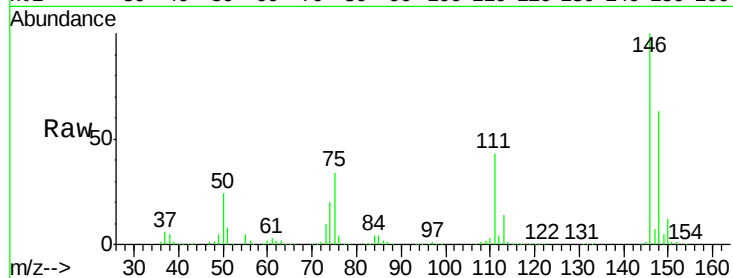
Tot Ion:146 Resp: 580303

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 42.9 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 39.668 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

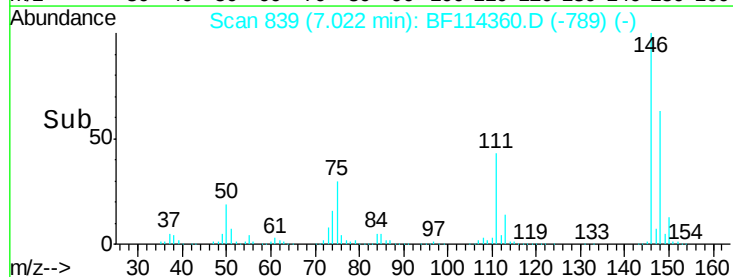
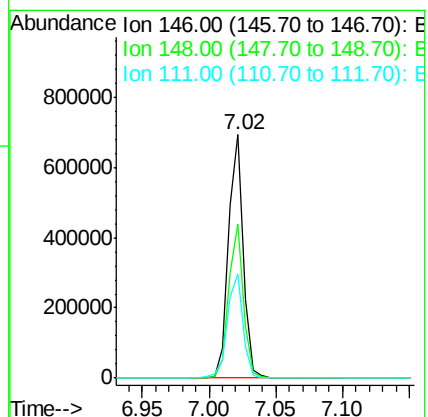
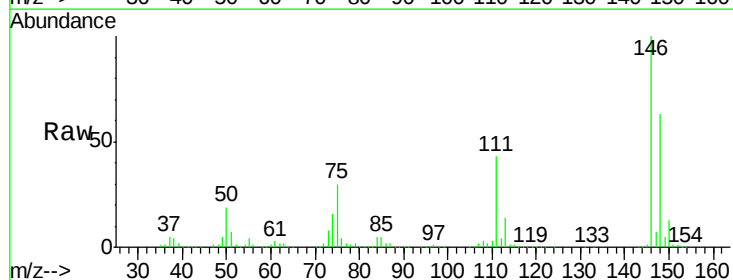
Tgt Ion:146 Resp: 543073

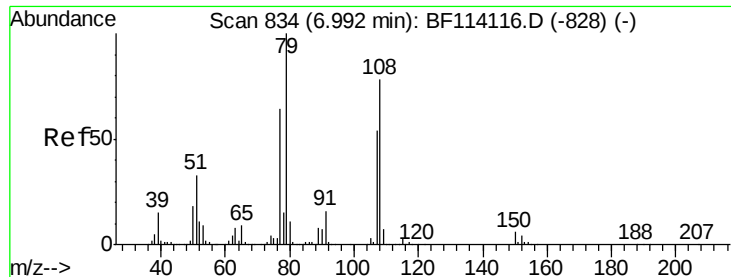
Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

111 42.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 41.246 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

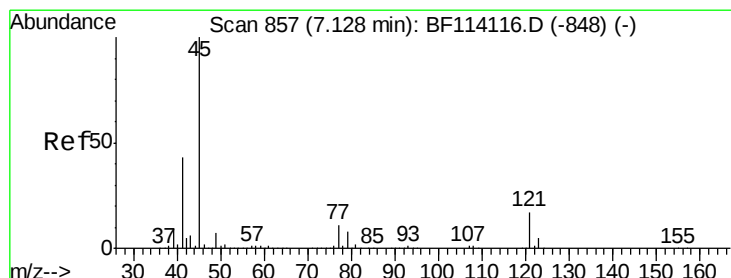
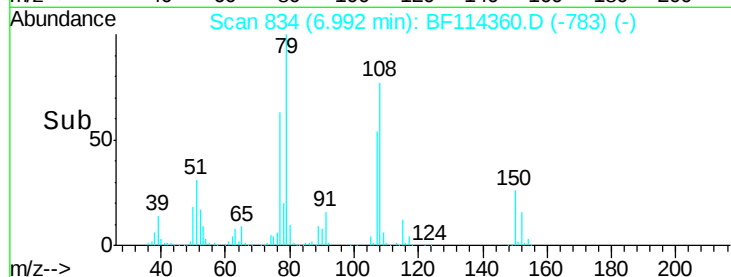
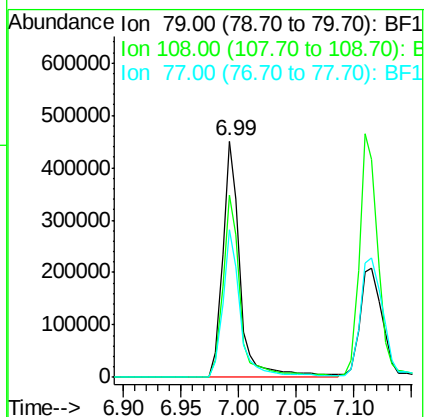
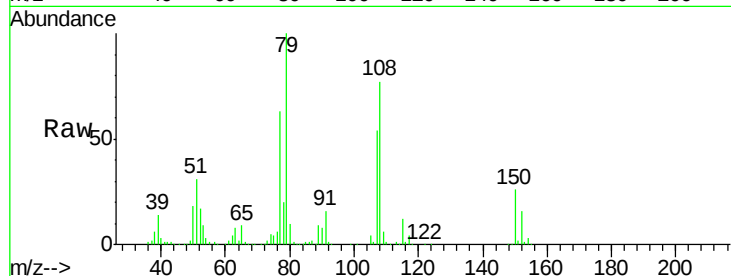
Tot Ion: 79 Resp: 472161

Ion Ratio Lower Upper

79 100

108 77.2 62.1 93.1

77 62.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.428 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

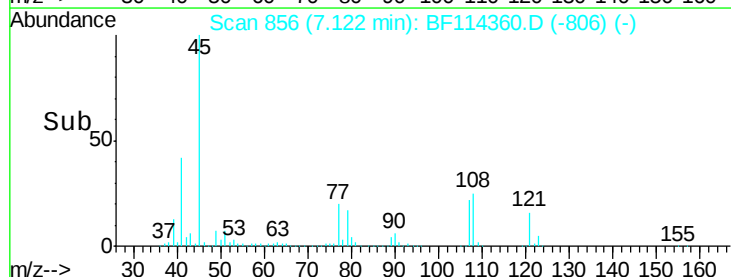
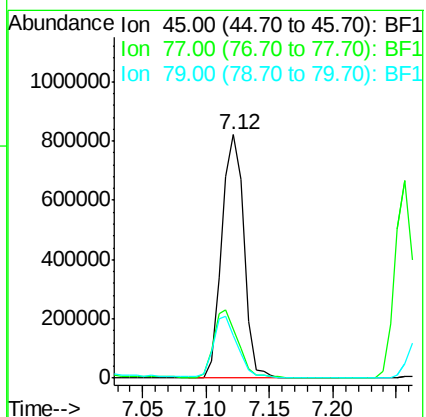
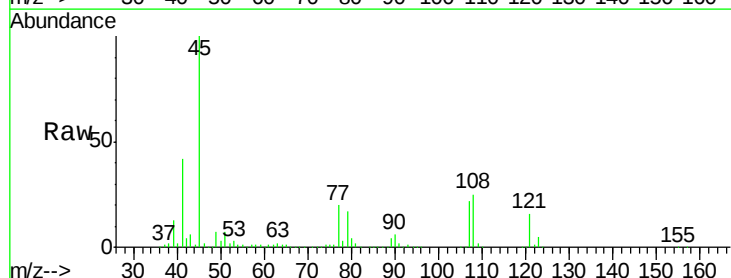
Tgt Ion: 45 Resp: 1002095

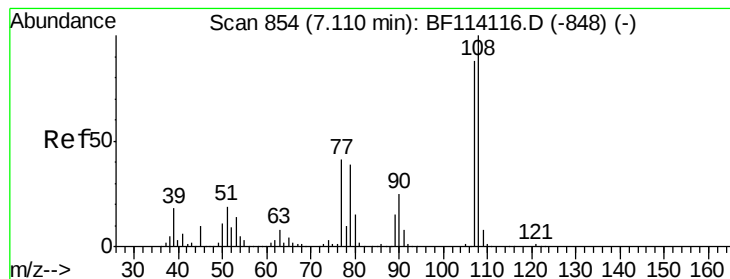
Ion Ratio Lower Upper

45 100

77 20.2 0.0 31.1

79 17.5 0.0 28.4

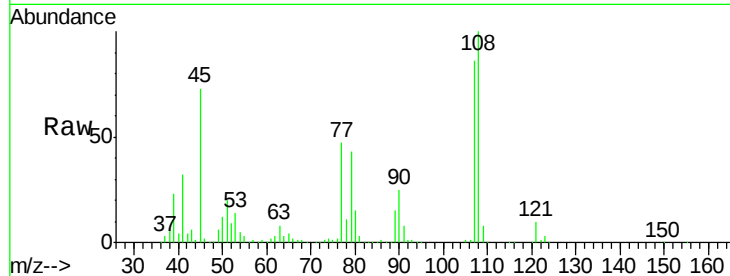




#17
2-Methylphenol
Concen: 41.693 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	90.5	135.7
77	54.2	37.0	55.4
79	50.4	35.8	53.8



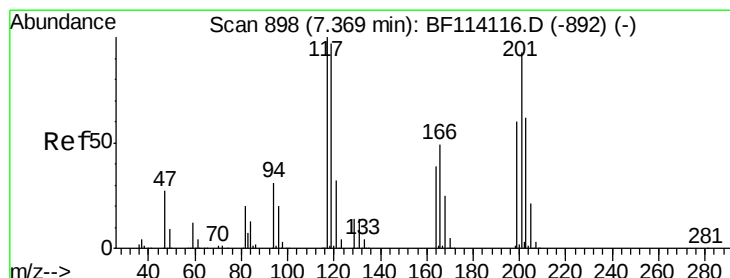
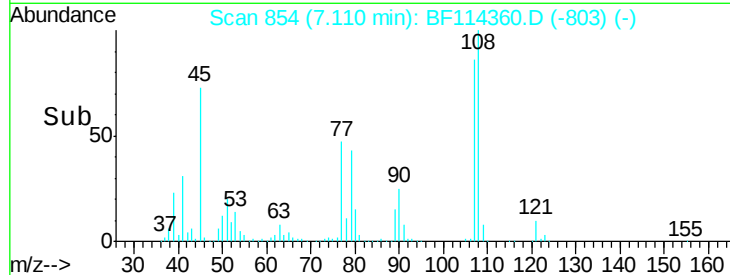
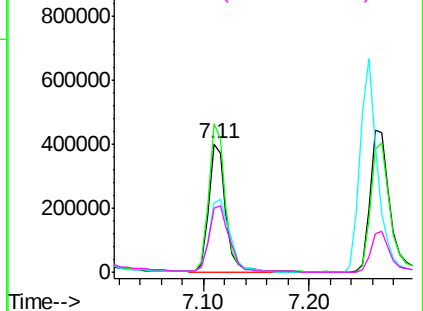
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

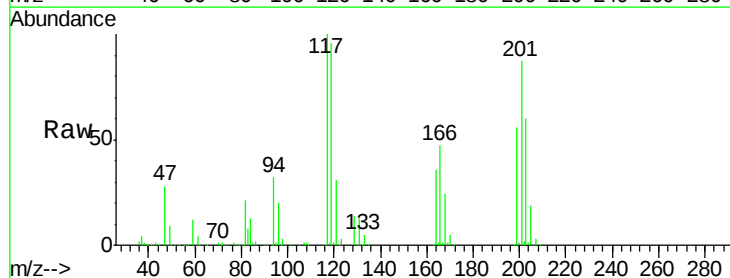
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.226 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.2
201	86.8	74.5	111.7

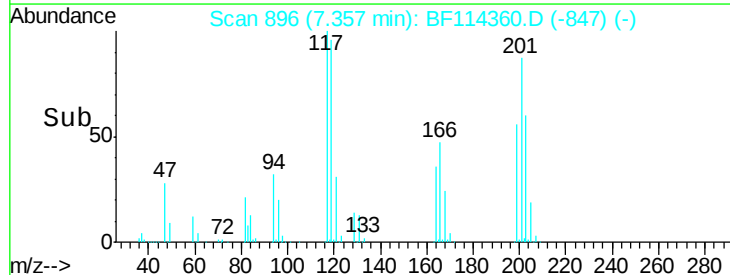
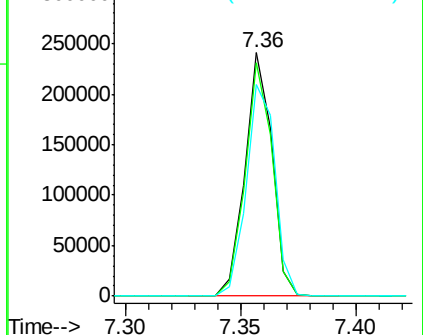


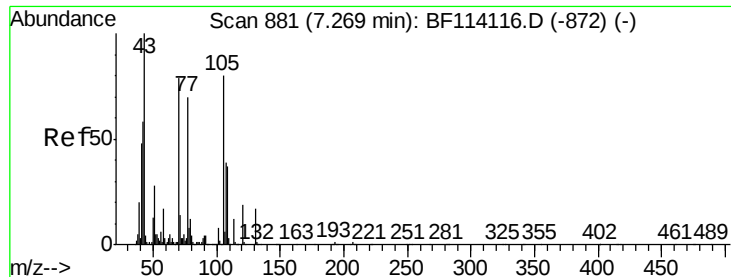
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

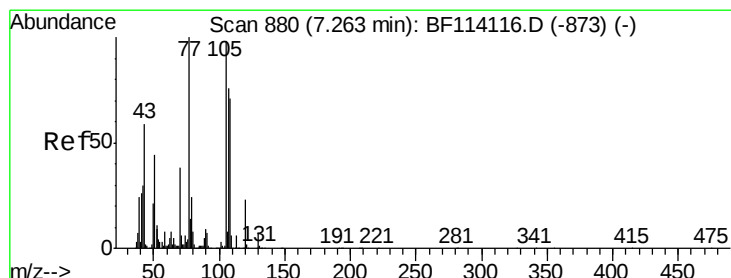
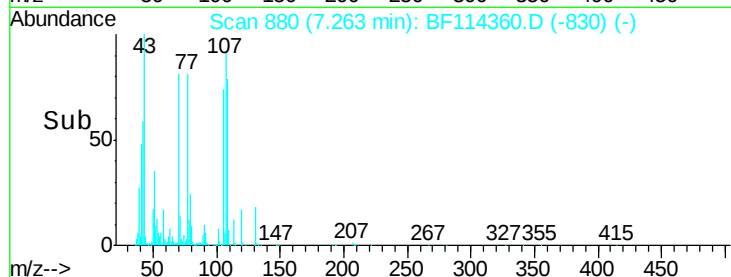
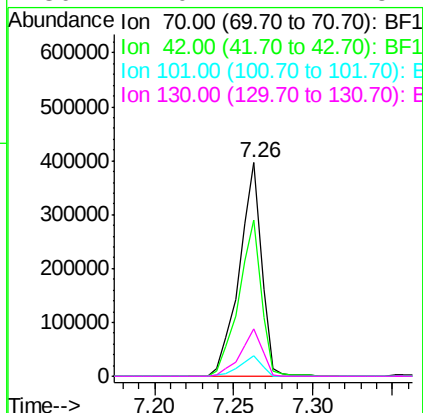
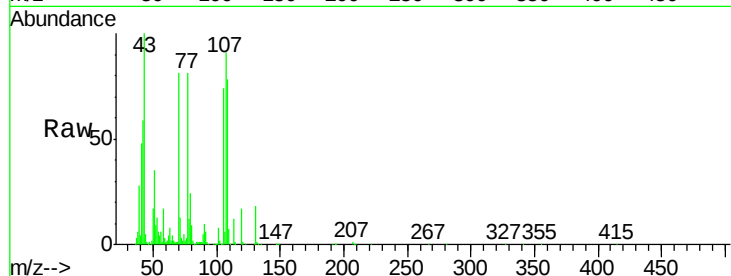




#19
n-Nitroso-di-n-propylamine
Concen: 41.685 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

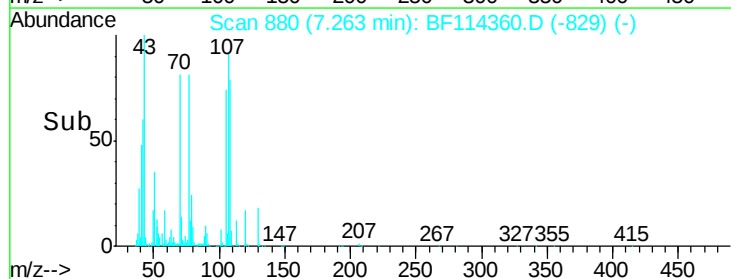
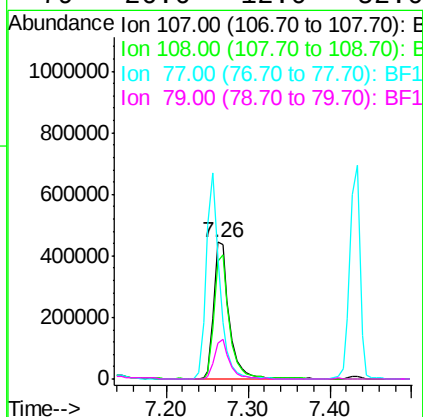
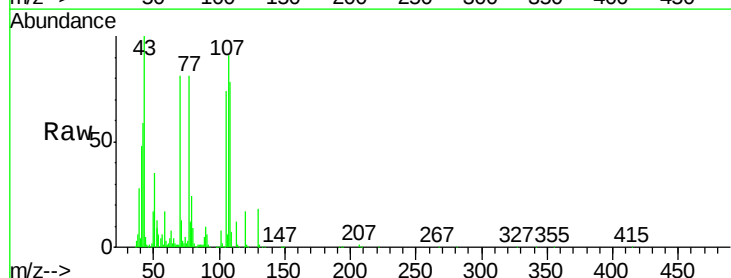
Instrument :
BNA_F
ClientSampleId :

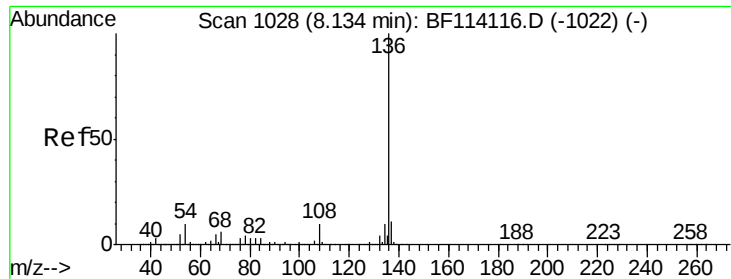
Tot Ion	Ratio	Lower	Upper
70	100		
42	73.3	58.6	87.8
101	9.5	7.8	11.8
130	22.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 46.162 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.8	113.8
77	89.3	111.5	151.5
79	26.6	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 770064

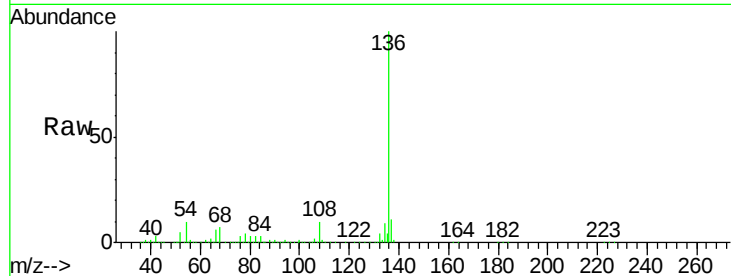
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 7.8 11.8

68 6.7 5.1 7.7

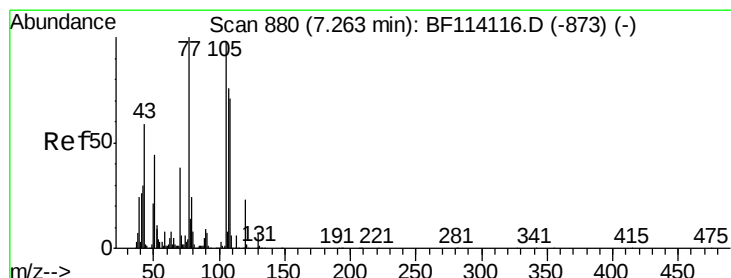
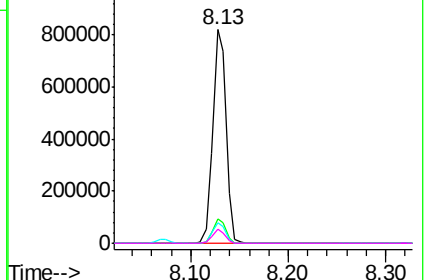
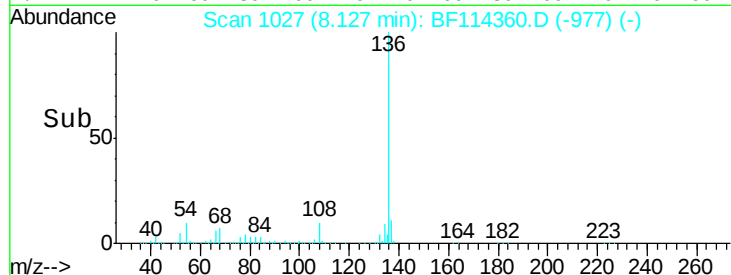


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.419 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:105 Resp: 757765

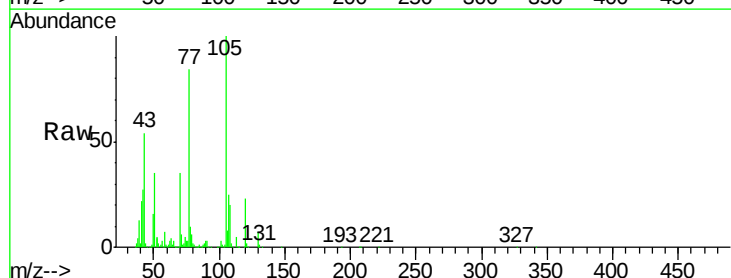
Ion Ratio Lower Upper

105 100

71 5.9 5.3 7.9

51 35.4 36.2 54.4#

120 22.8 18.6 28.0

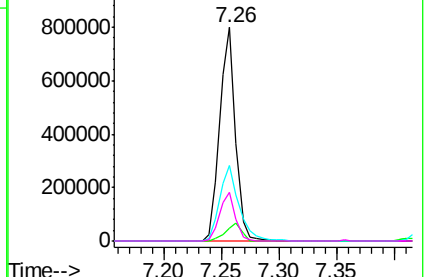
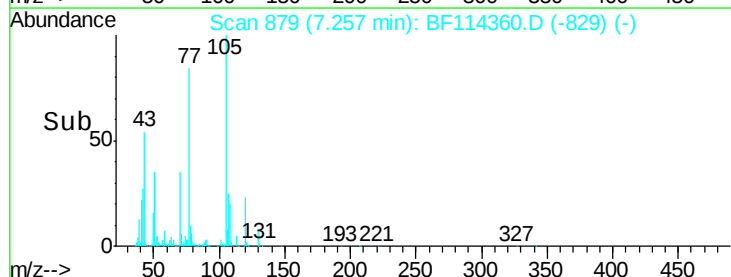


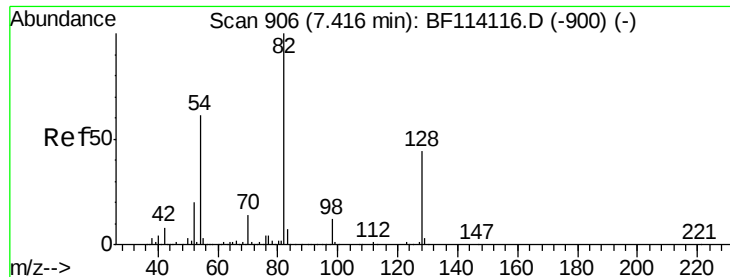
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

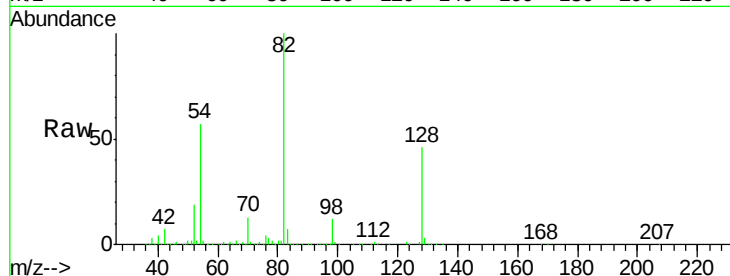




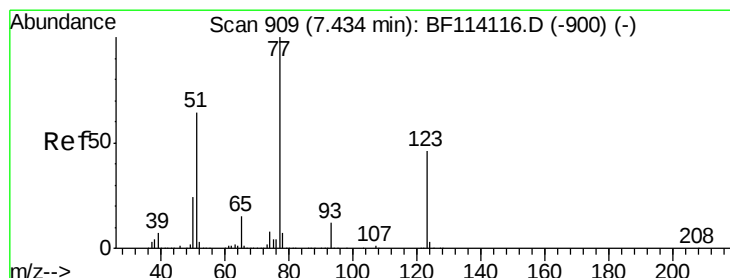
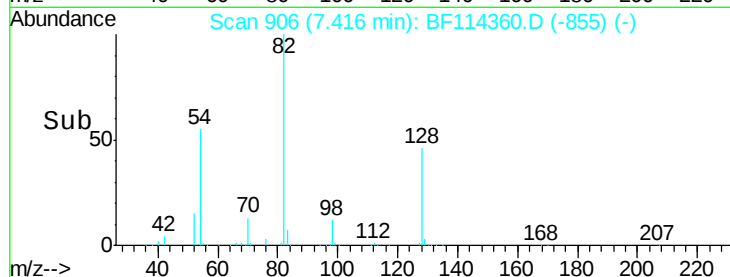
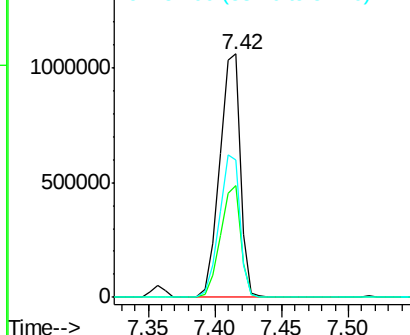
#23
 Nitrobenzene-d5
 Concen: 85.169 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1168660
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 56.6 48.5 72.7

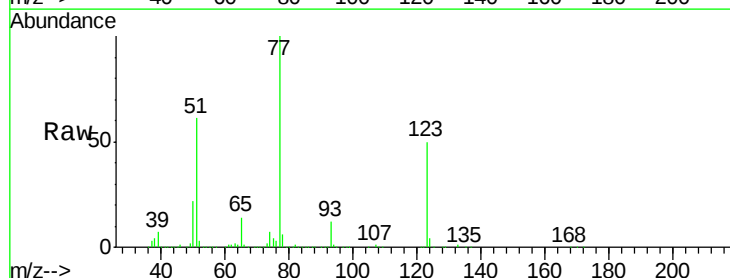


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

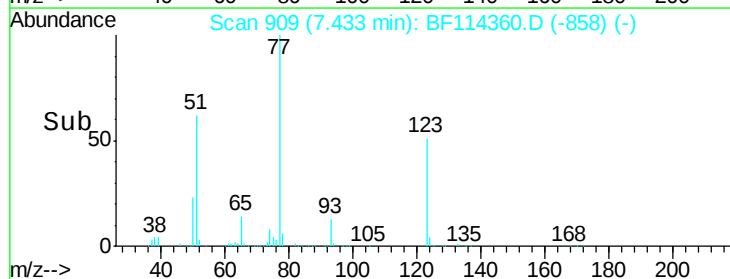
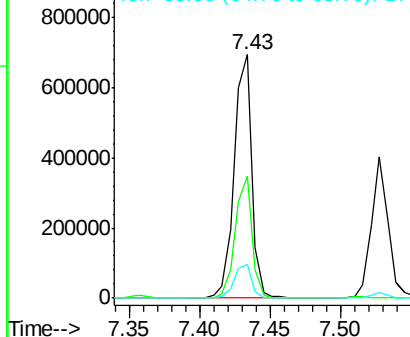


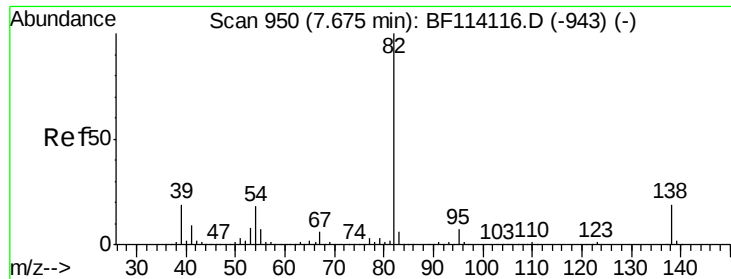
#24
 Nitrobenzene
 Concen: 42.858 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion: 77 Resp: 598969
 Ion Ratio Lower Upper
 77 100
 123 50.1 36.9 55.3
 65 13.9 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.514 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

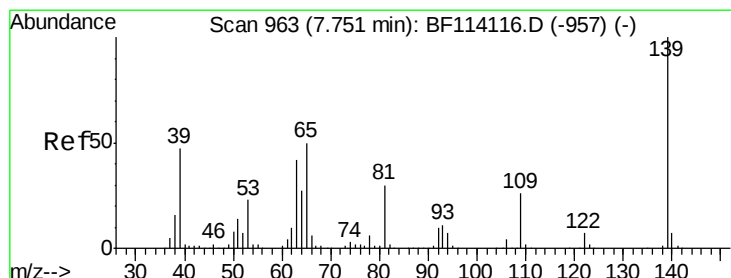
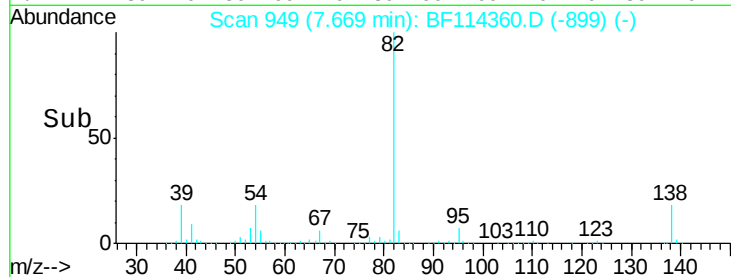
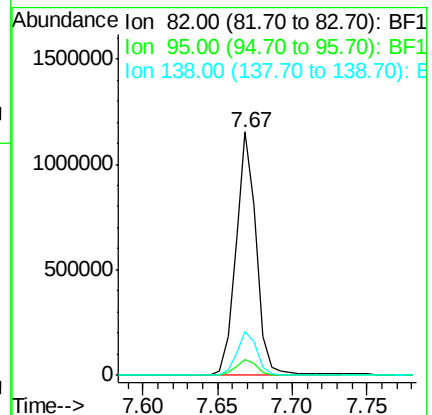
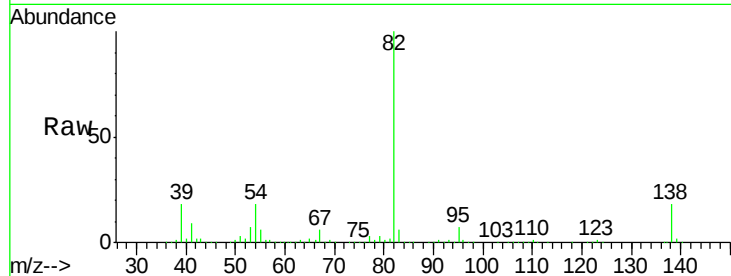
Tot Ion: 82 Resp: 1107351

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.8 14.8 22.2



#26

2-Nitrophenol

Concen: 43.865 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

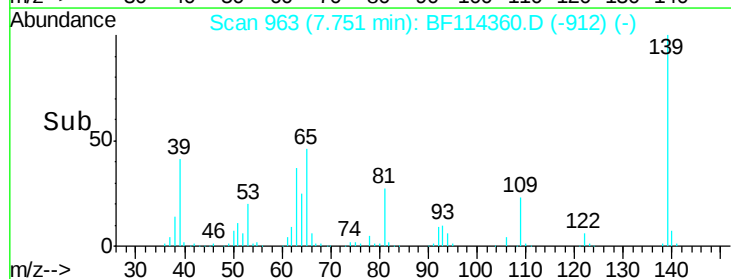
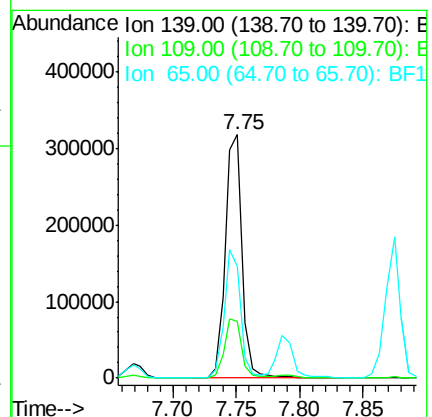
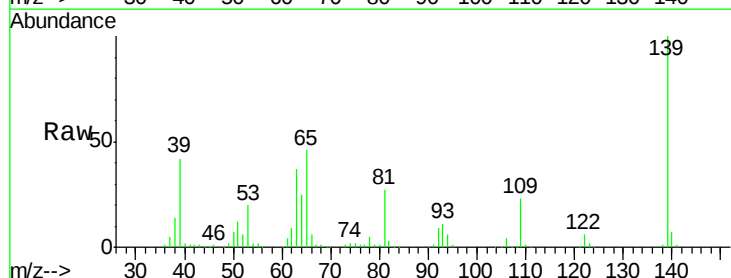
Tgt Ion: 139 Resp: 297428

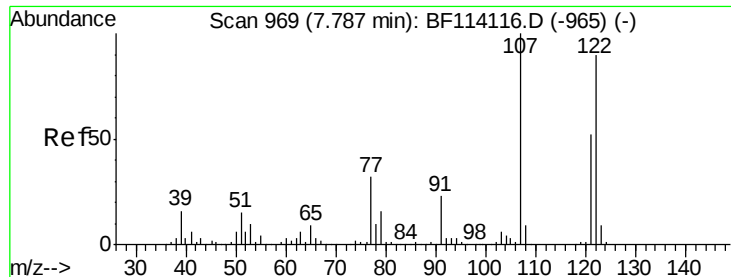
Ion Ratio Lower Upper

139 100

109 23.5 20.7 31.1

65 46.0 40.2 60.2

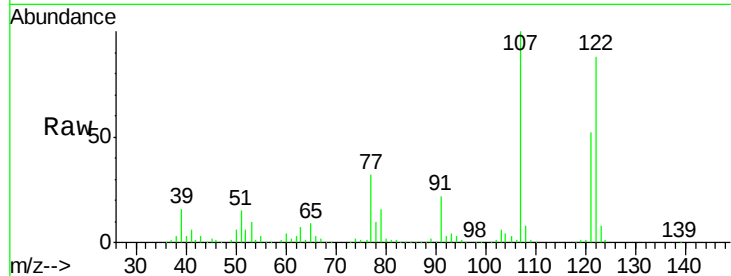




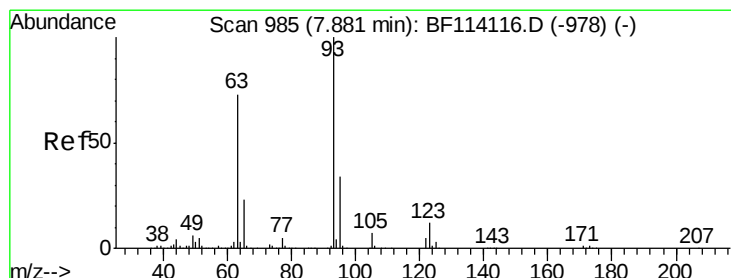
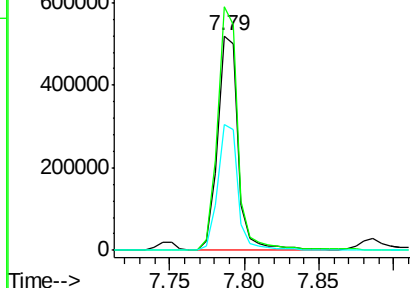
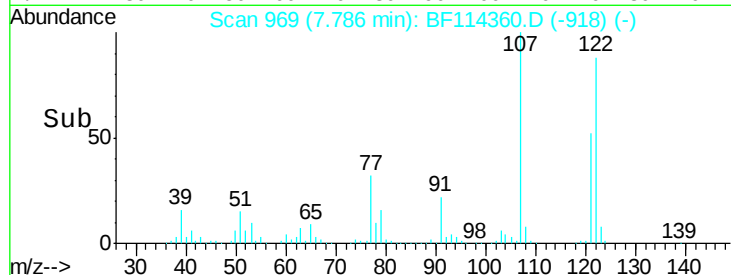
#27
2,4-Dimethylphenol
Concen: 47.373 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 504491
Ion Ratio Lower Upper
122 100
107 113.3 88.4 132.6
121 58.4 45.9 68.9

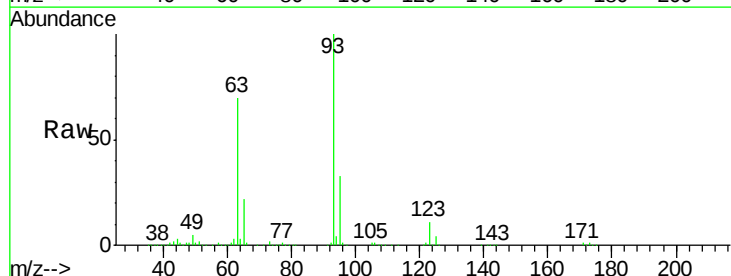


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

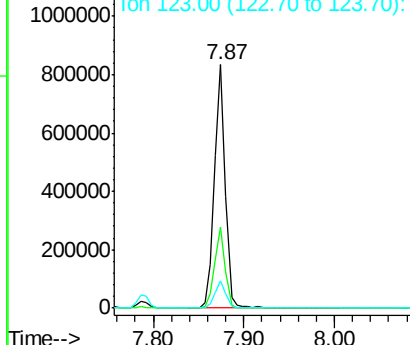
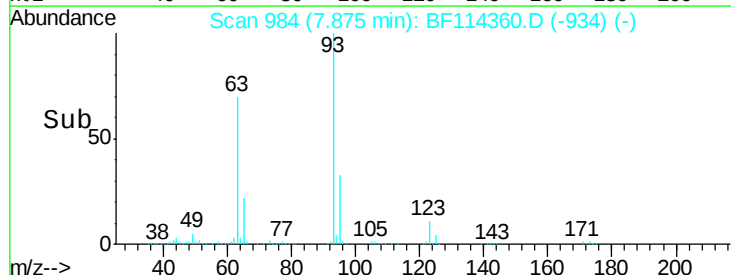


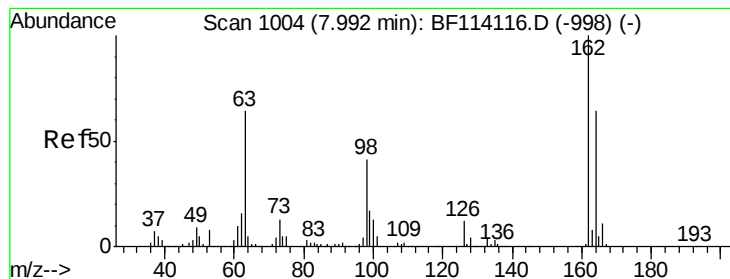
#28
bis(2-Chloroethoxy)methane
Concen: 42.298 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion: 93 Resp: 698425
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.3 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.990 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

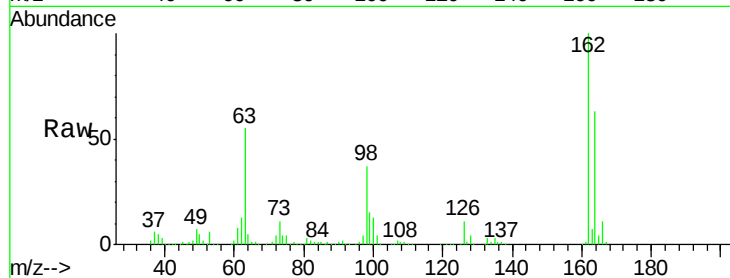
Tot Ion:162 Resp: 466479

Ion Ratio Lower Upper

162 100

164 63.1 43.6 83.6

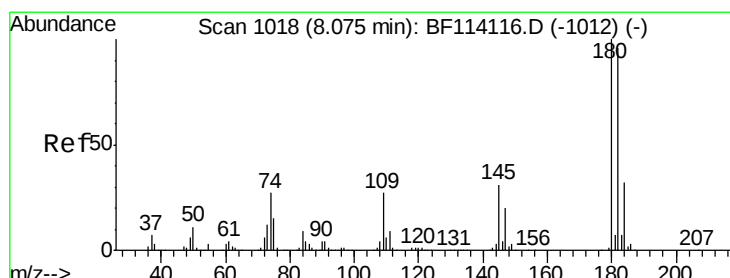
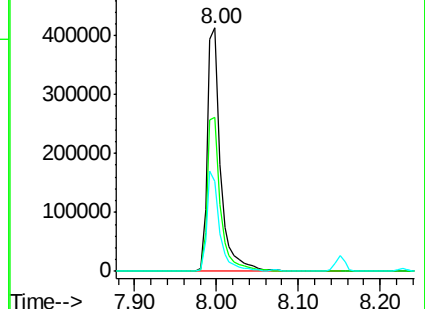
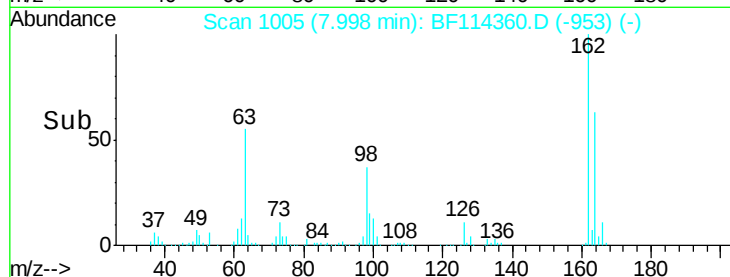
98 36.7 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.875 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

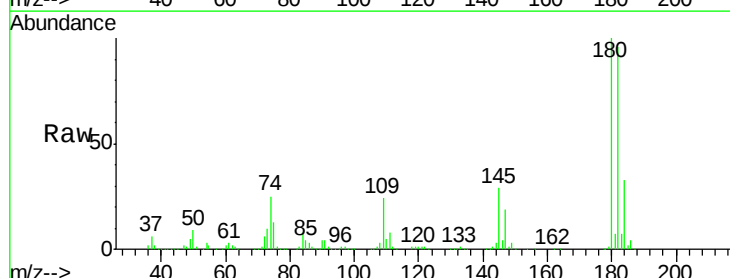
Tgt Ion:180 Resp: 480822

Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

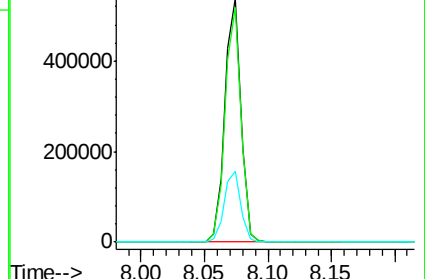
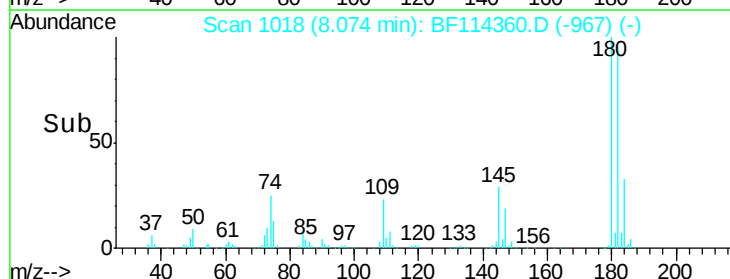
145 29.0 25.1 37.7

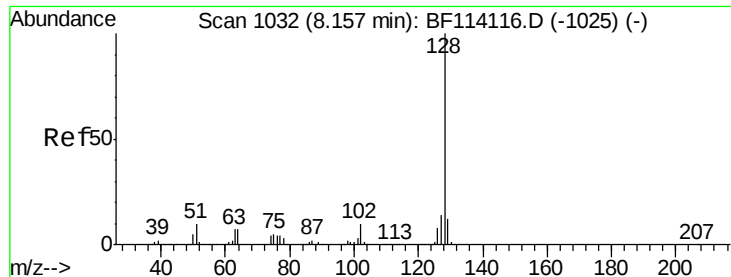


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

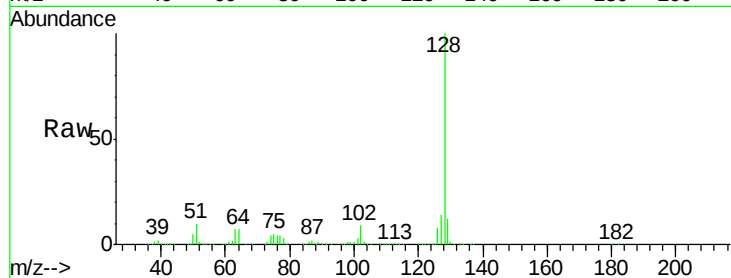




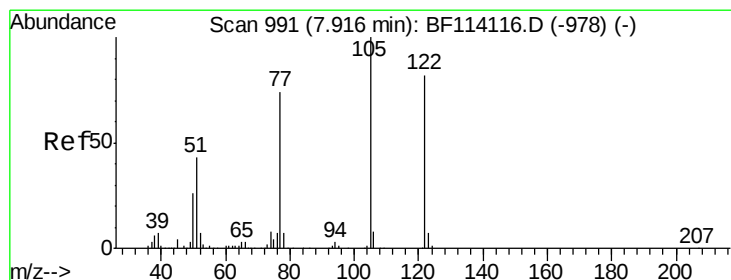
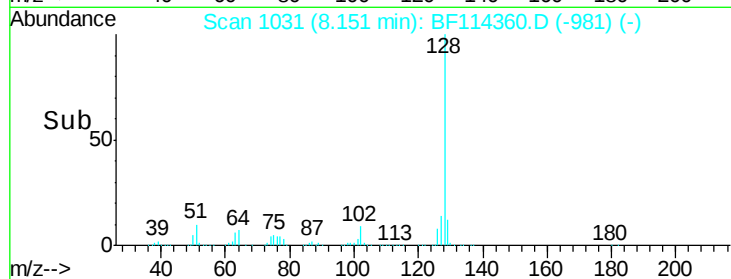
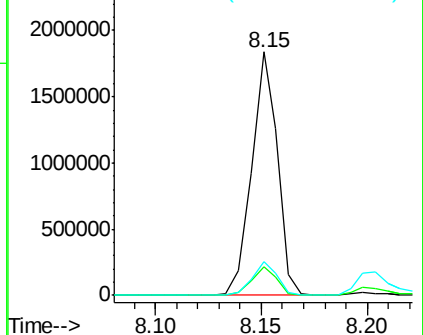
#31
Naphthalene
Concen: 43.279 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1556778
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.7 11.3 16.9

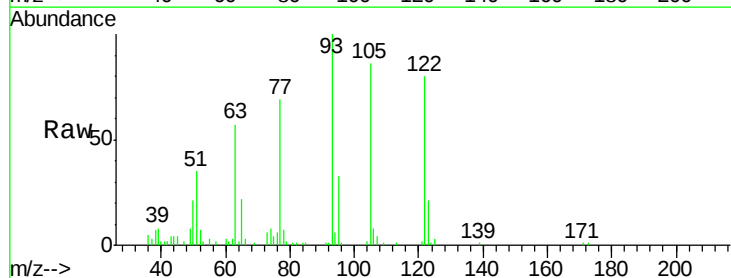


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

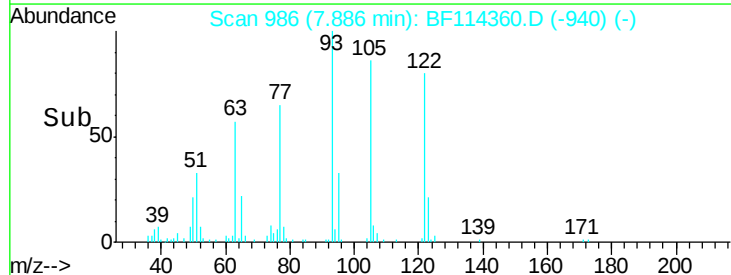
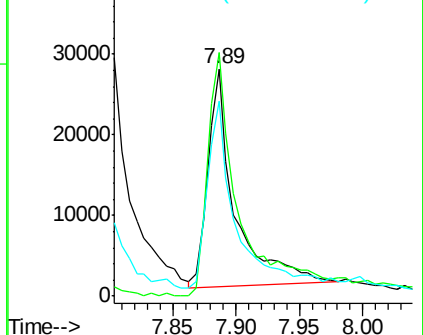


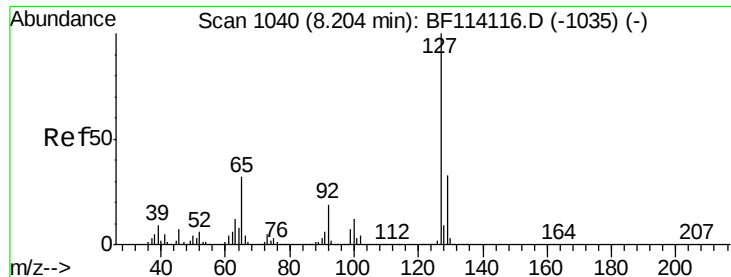
#32
Benzoic acid
Concen: 11.602 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:122 Resp: 40748
Ion Ratio Lower Upper
122 100
105 107.1 99.9 139.9
77 85.8 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

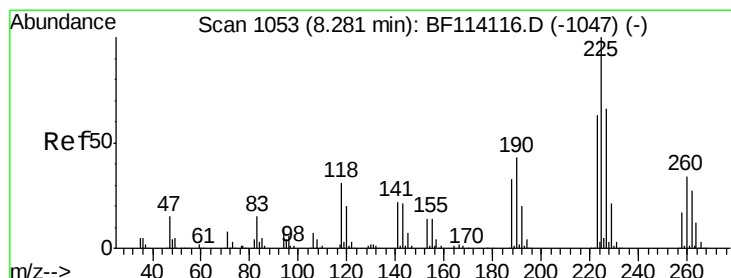
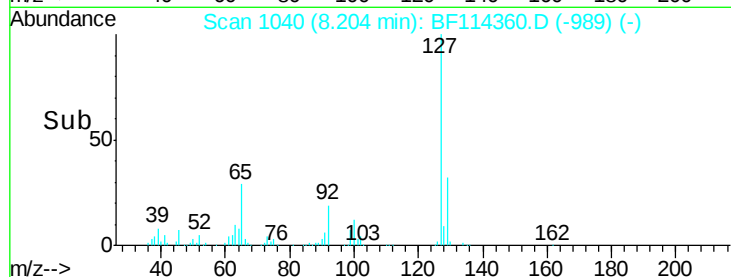
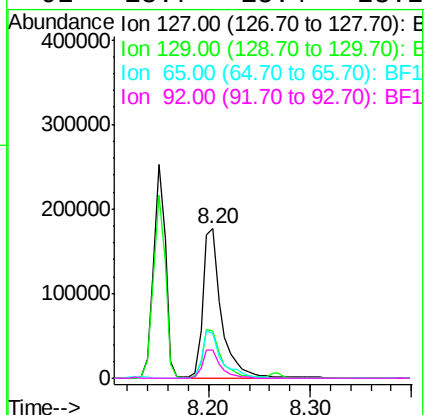
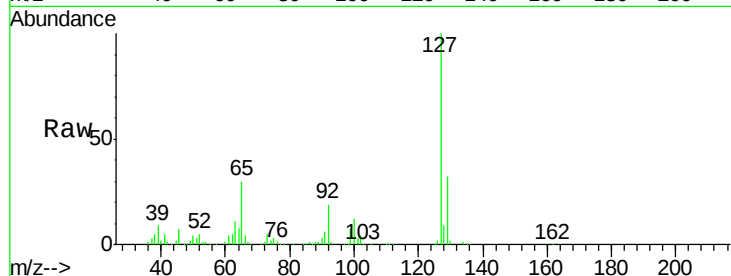




#33
4-Chloroaniline
Concen: 13.517 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

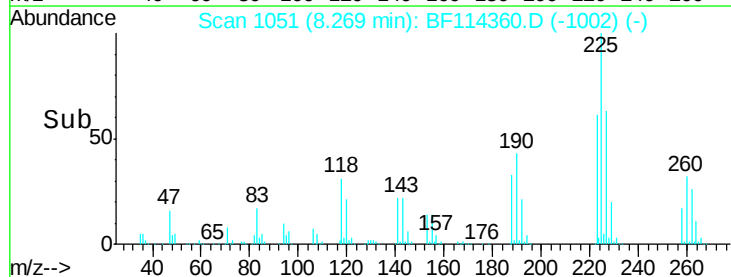
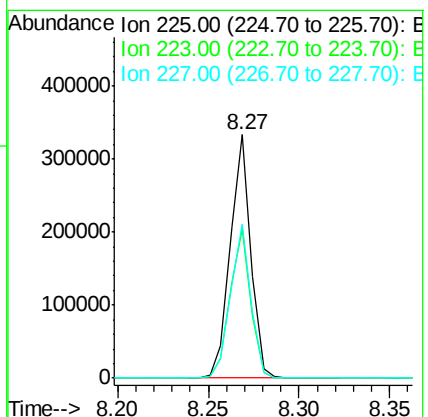
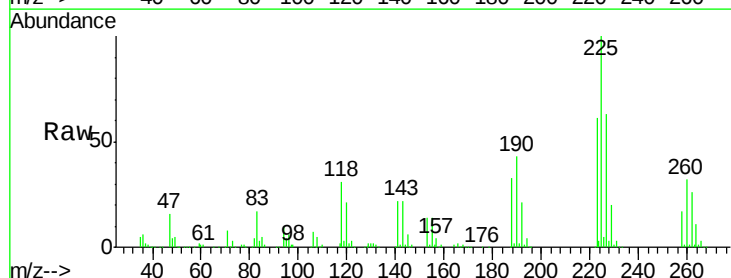
Instrument :
BNA_F
ClientSampleId :

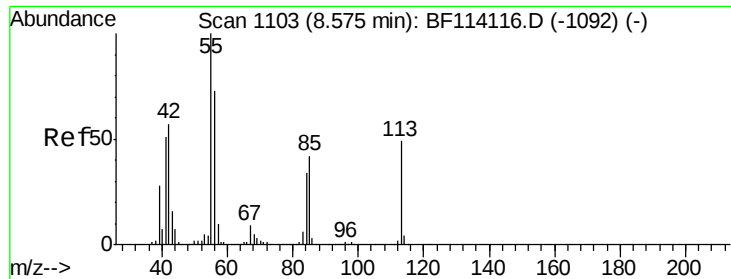
Tot Ion:	127	Resp:	221562
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.7	40.1
65	29.6	25.4	38.0
92	18.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.375 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:	225	Resp:	263292
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.2	75.2
227	63.3	52.6	79.0

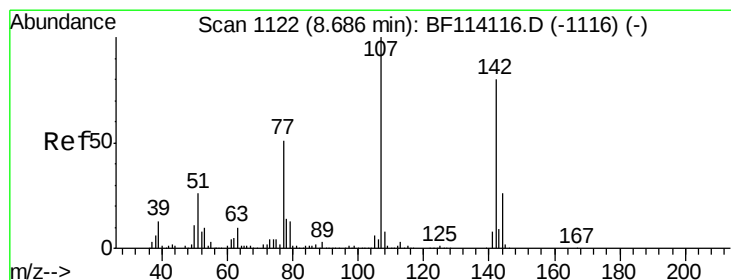
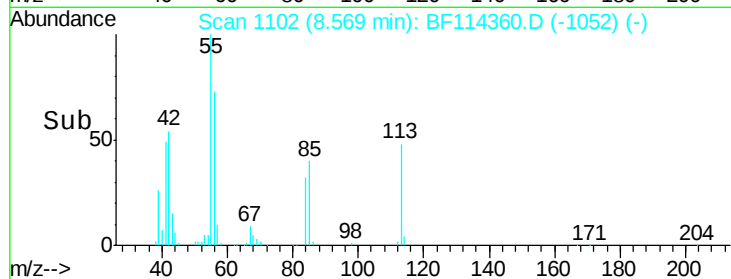
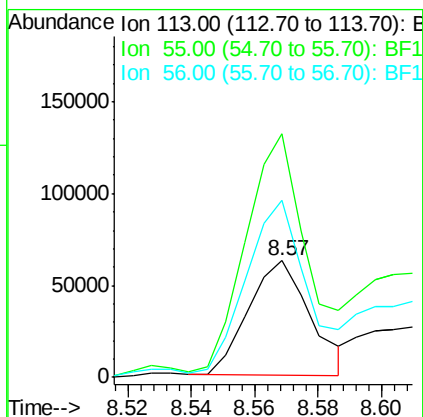
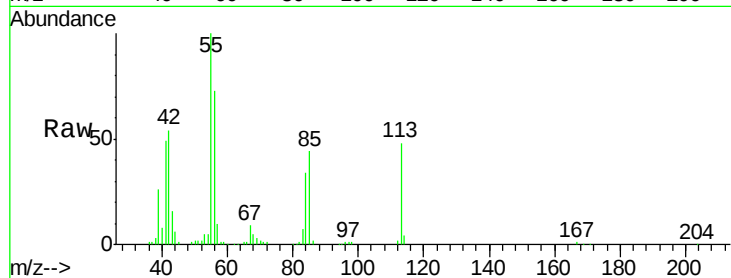




#35
 Caprolactam
 Concen: 24.352 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

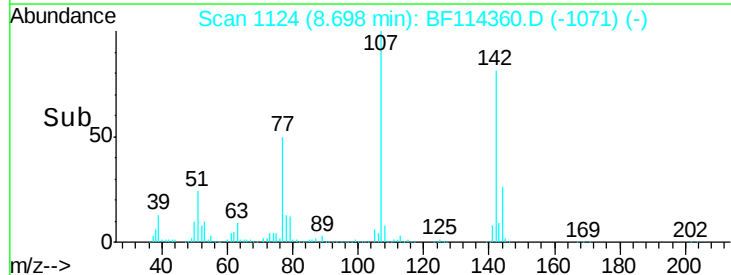
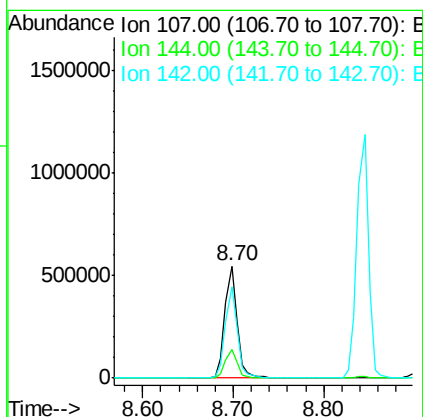
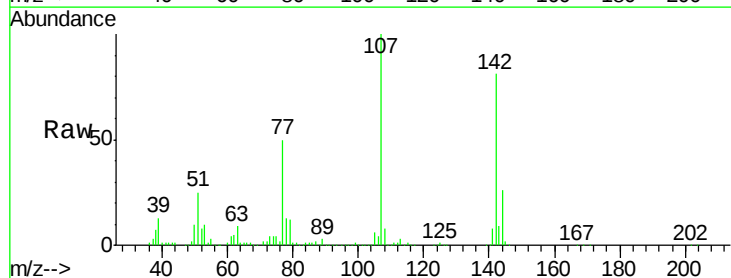
Instrument :
 BNA_F
 ClientSampled :

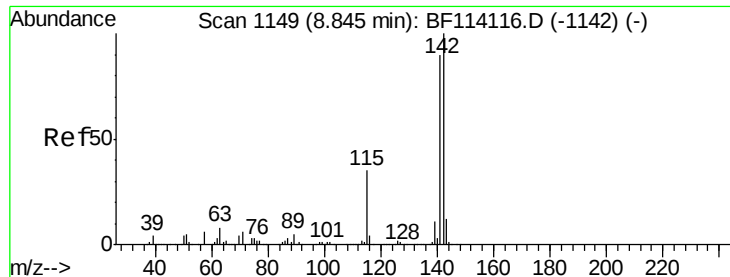
Tot Ion:113 Resp: 84203
 Ion Ratio Lower Upper
 113 100
 55 208.7 183.5 223.5
 56 151.6 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.810 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion:107 Resp: 510323
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 81.0 64.2 96.4

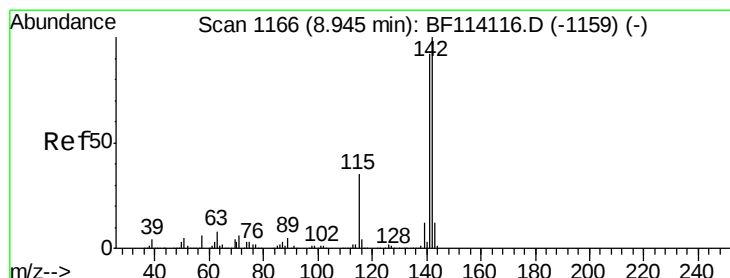
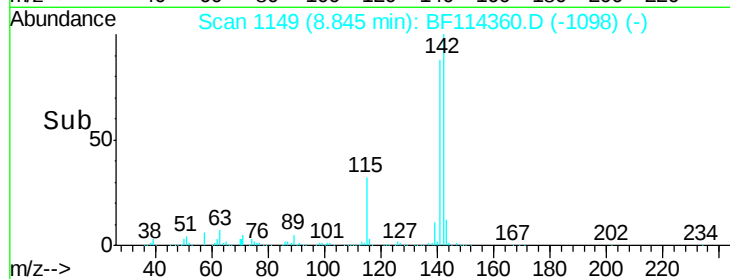
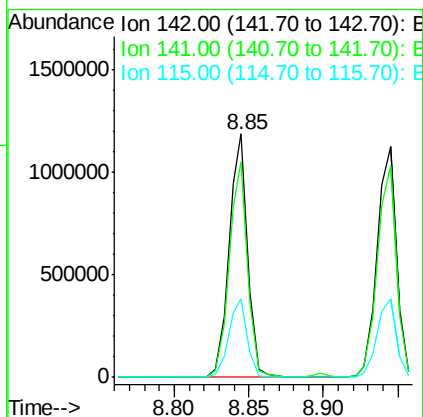
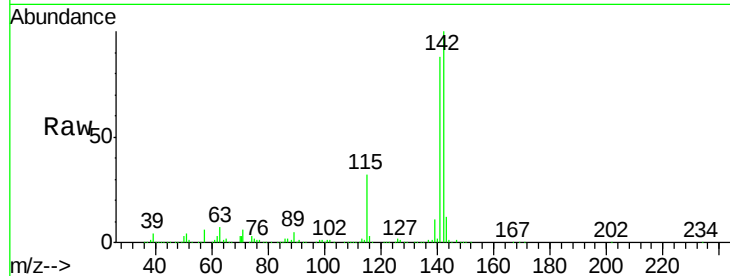




#37
2-Methylnaphthalene
Concen: 44.950 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

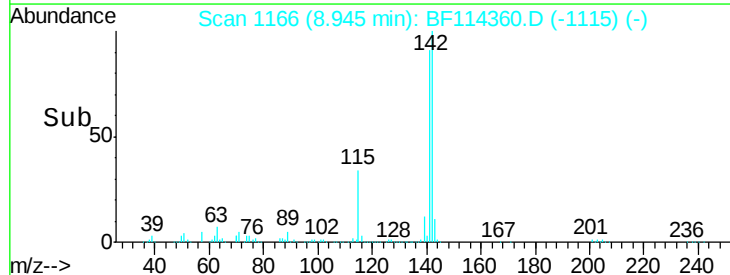
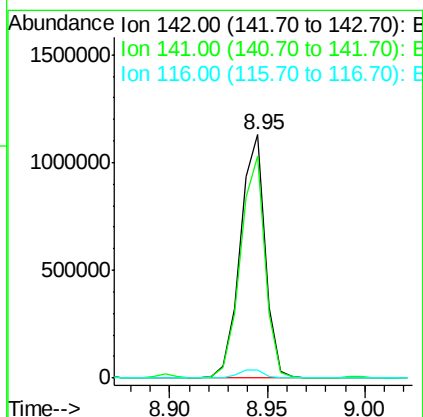
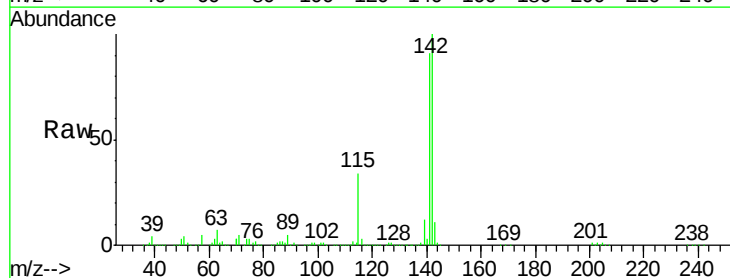
Instrument :
BNA_F
ClientSampleId :

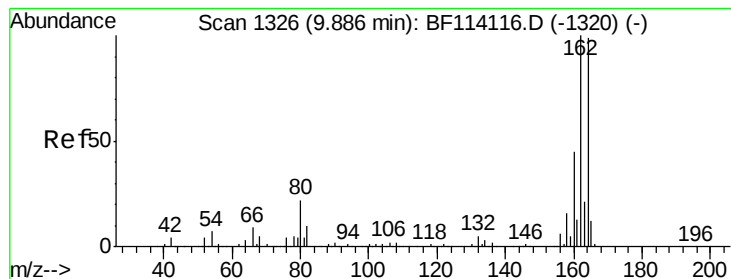
Tot Ion:142 Resp: 1043199
Ion Ratio Lower Upper
142 100
141 88.2 72.1 108.1
115 32.3 28.0 42.0



#38
1-Methylnaphthalene
Concen: 45.451 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:142 Resp: 993362
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0
116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

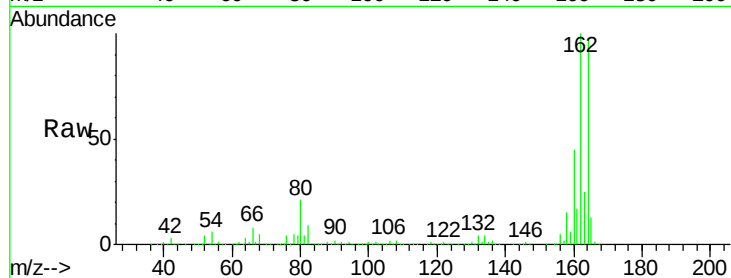
Tot Ion:164 Resp: 367442

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

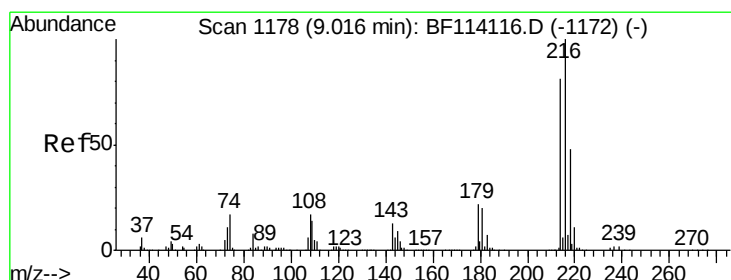
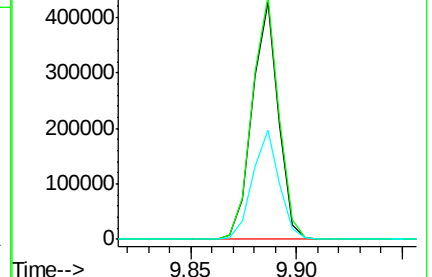
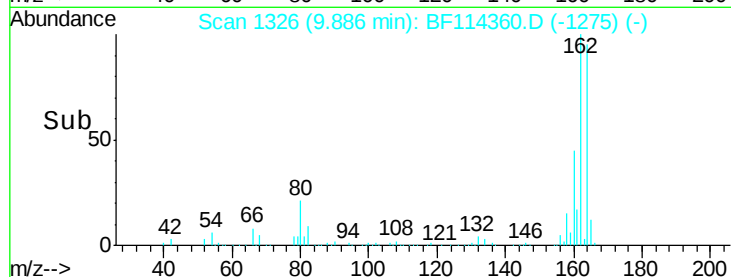
160 45.9 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.595 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:216 Resp: 474108

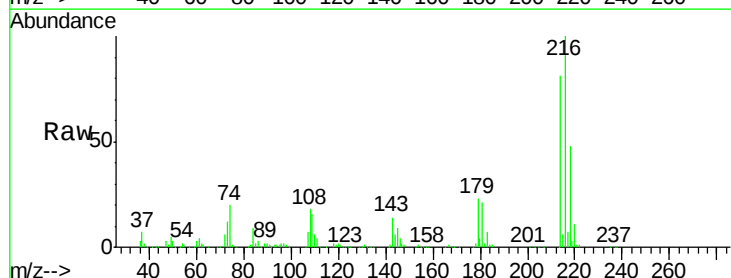
Ion Ratio Lower Upper

216 100

214 79.6 63.9 95.9

179 21.4 17.0 25.6

108 17.3 14.8 22.2

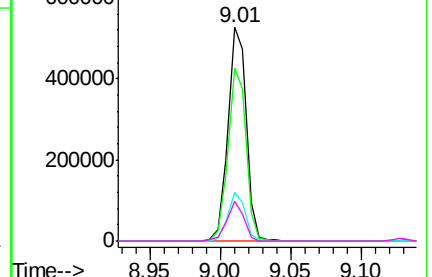
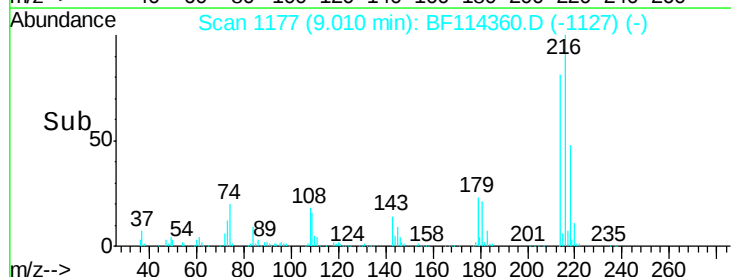


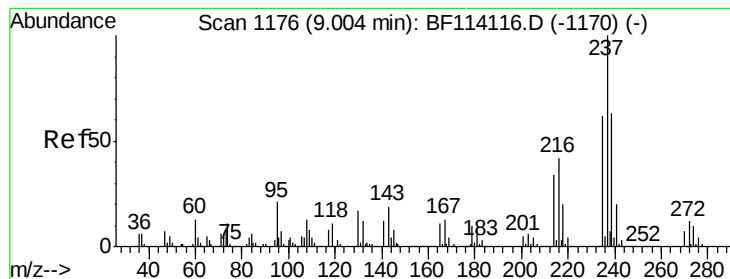
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.396 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

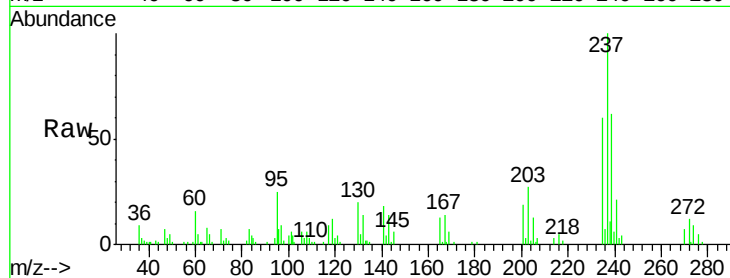
Tot Ion:237 Resp: 38766

Ion Ratio Lower Upper

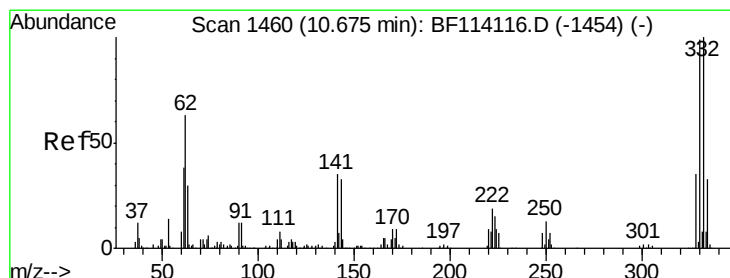
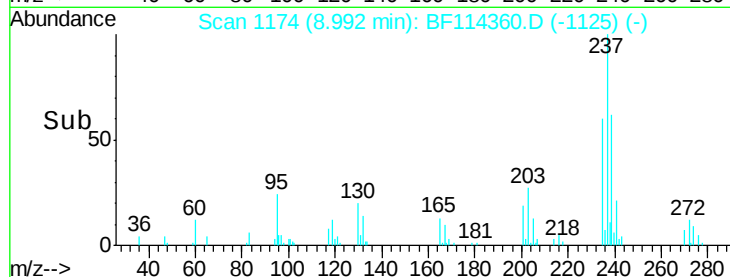
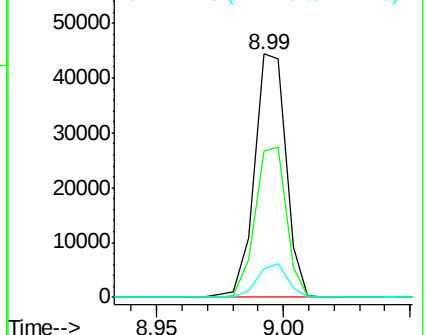
237 100

235 60.1 42.0 82.0

272 11.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.387 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

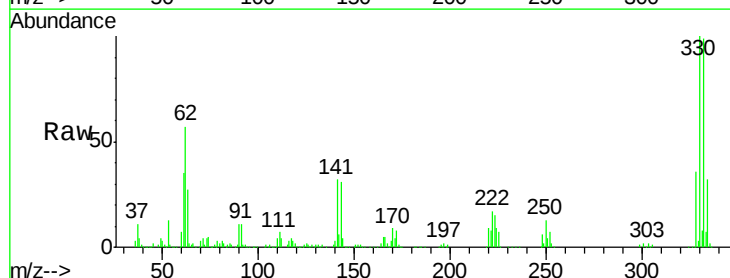
Tgt Ion:330 Resp: 464914

Ion Ratio Lower Upper

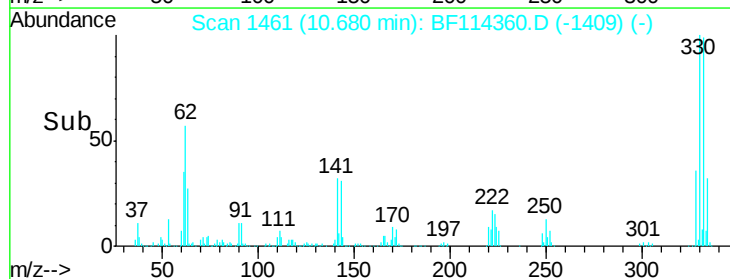
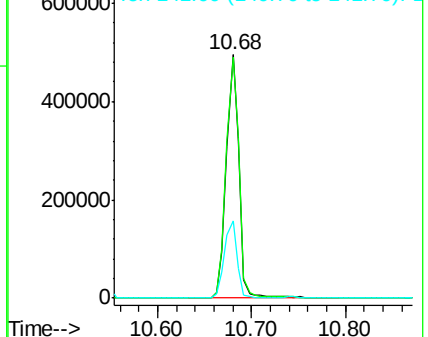
330 100

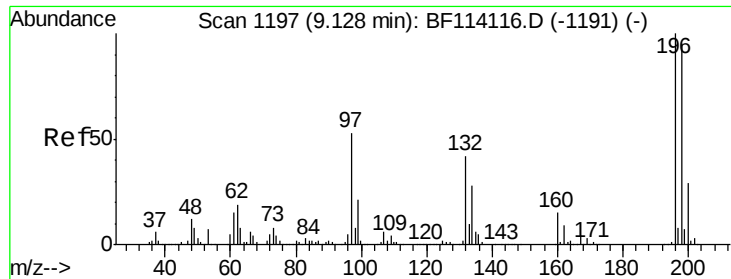
332 101.7 81.4 122.2

141 32.2 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

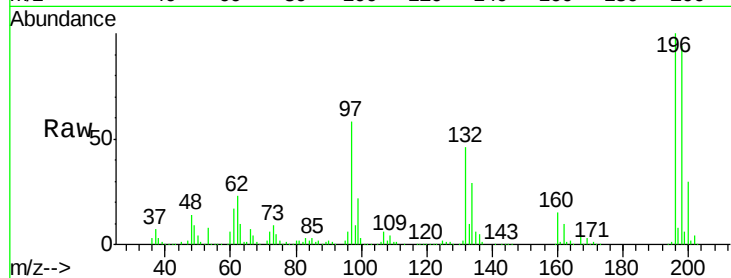




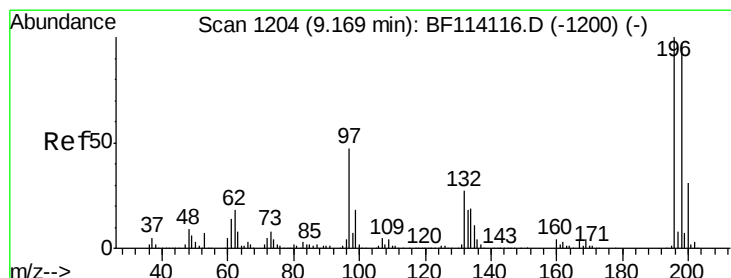
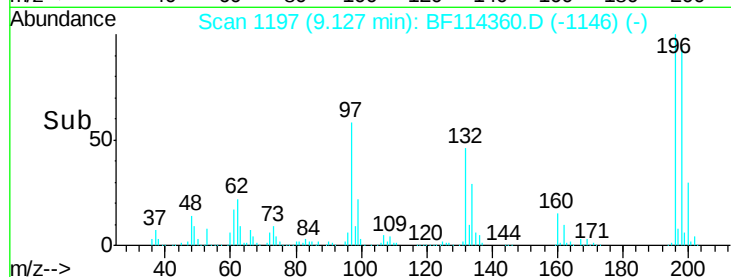
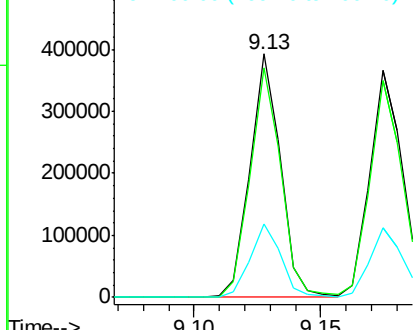
#43
2,4,6-Trichlorophenol
Concen: 43.072 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 329755
Ion Ratio Lower Upper
196 100
198 94.2 75.9 113.9
200 30.2 23.5 35.3

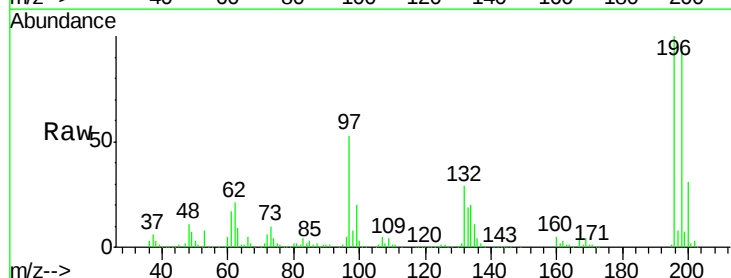


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

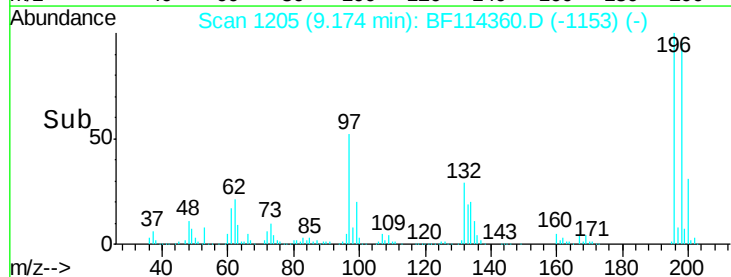
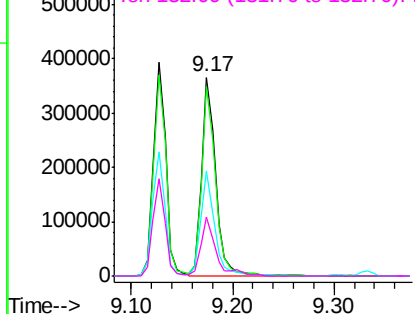


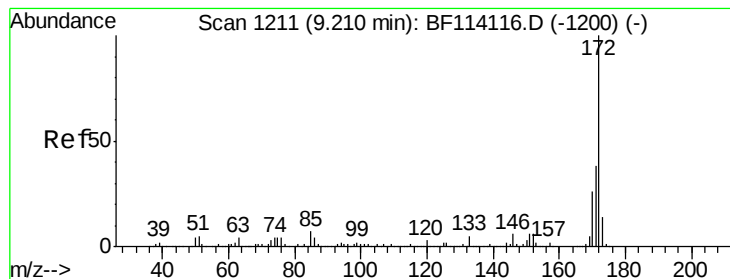
#44
2,4,5-Trichlorophenol
Concen: 44.965 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:196 Resp: 353045
Ion Ratio Lower Upper
196 100
198 95.5 77.7 116.5
97 52.5 38.2 57.2
132 29.4 21.4 32.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 78.706 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

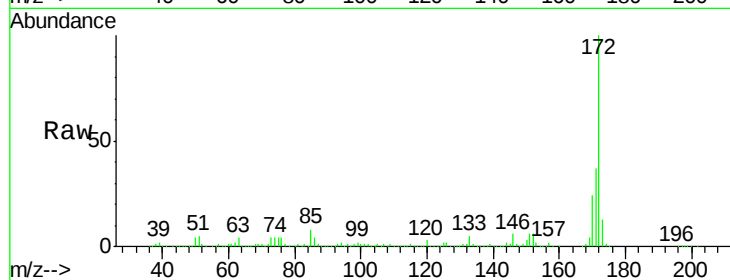
Tot Ion:172 Resp: 1911851

Ion Ratio Lower Upper

172 100

171 36.8 30.7 46.1

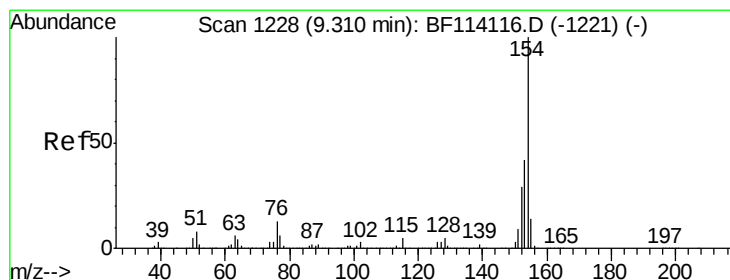
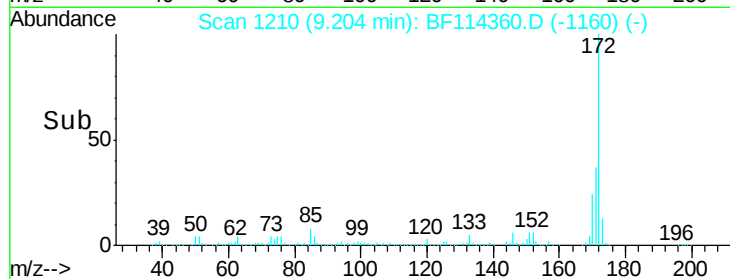
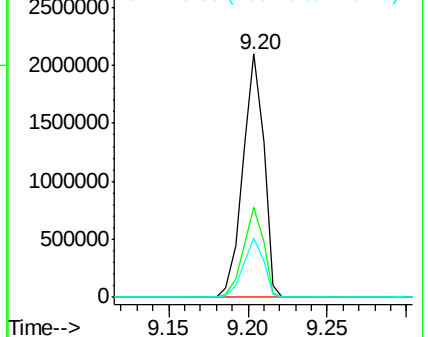
170 24.4 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.790 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

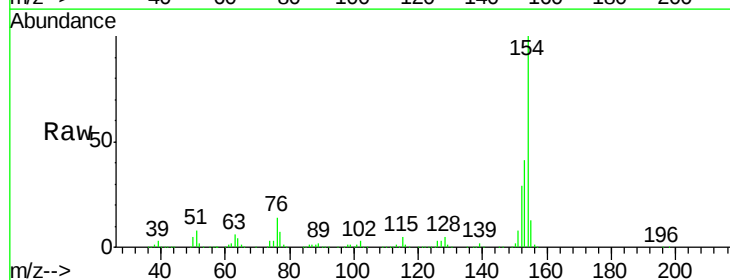
Tgt Ion:154 Resp: 1270179

Ion Ratio Lower Upper

154 100

153 40.7 21.9 61.9

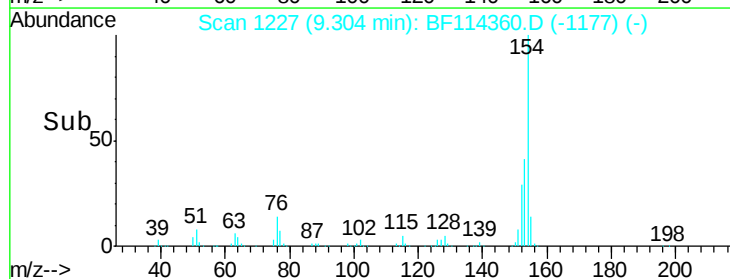
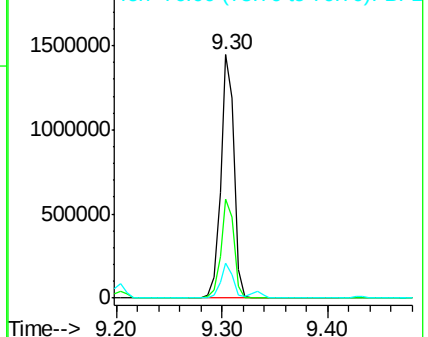
76 14.3 0.0 32.8

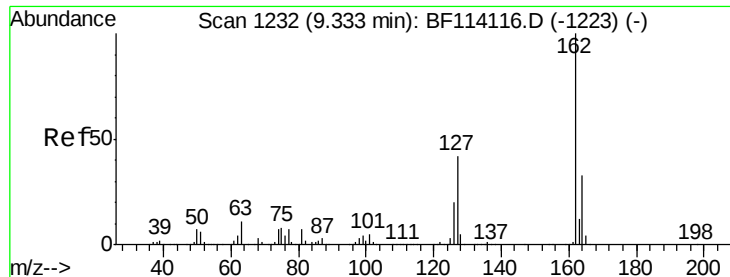


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

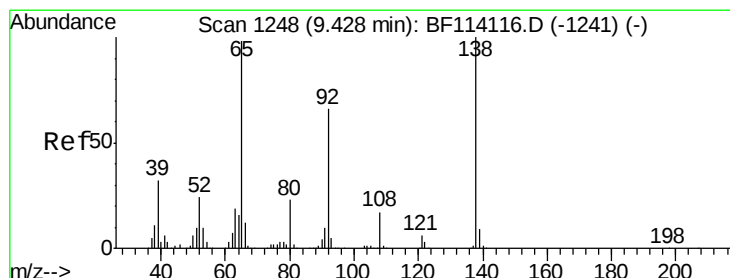
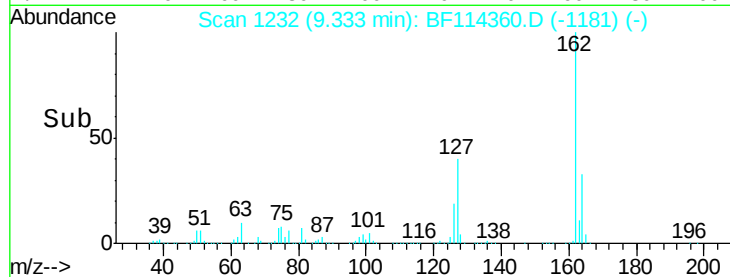
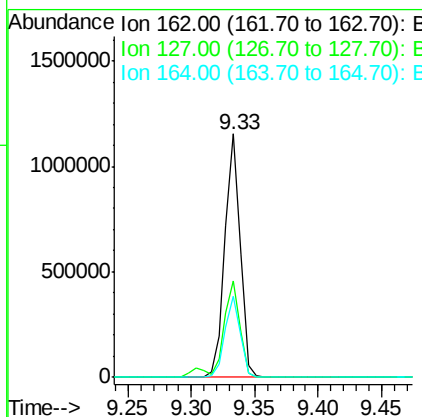
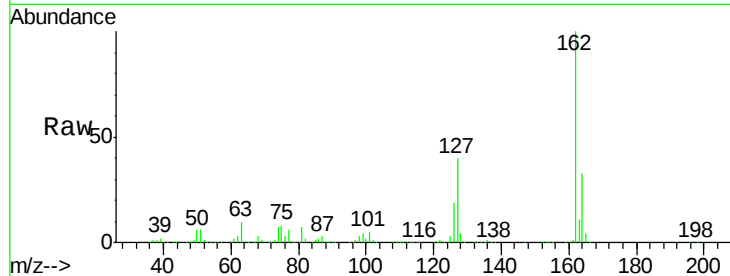




#47
 2-Chloronaphthalene
 Concen: 40.704 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

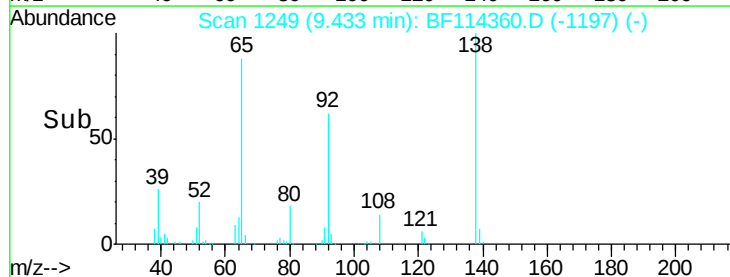
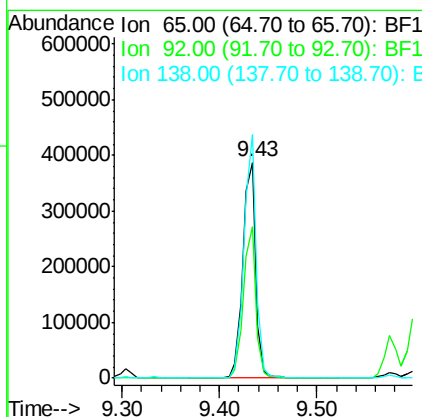
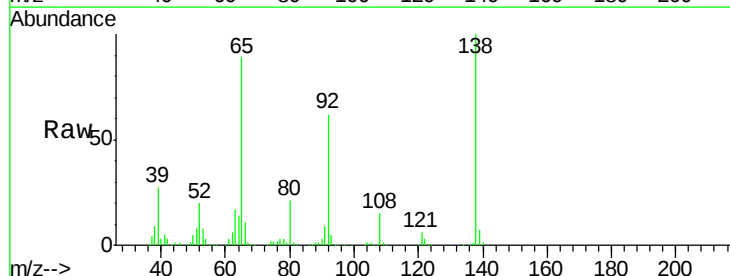
Instrument :
 BNA_F
 ClientSampleId :

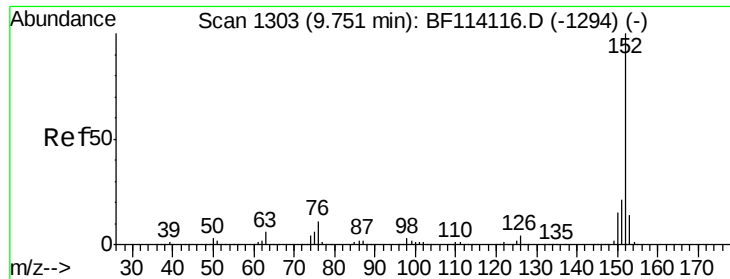
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.3	26.7	40.1



#48
 2-Nitroaniline
 Concen: 42.165 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	112.8	81.4	122.0





#49

Acenaphthylene

Concen: 43.245 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

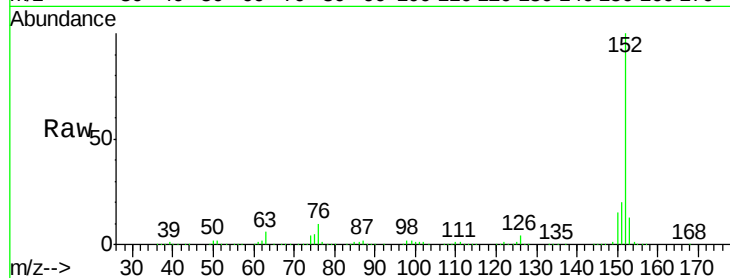
Tot Ion:152 Resp: 1571297

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

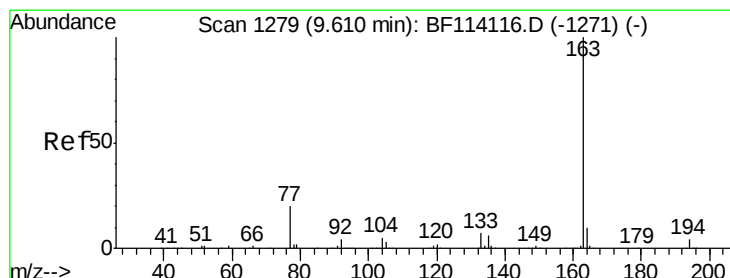
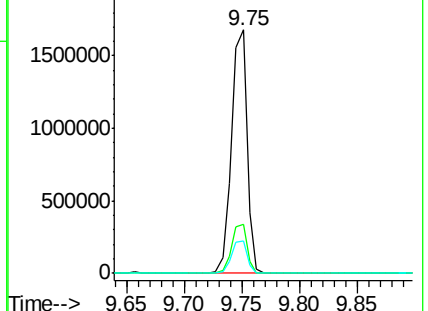
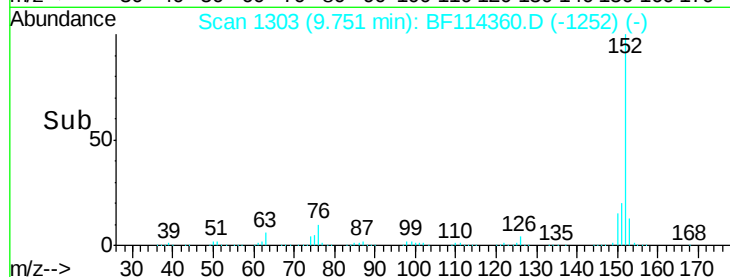
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.461 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

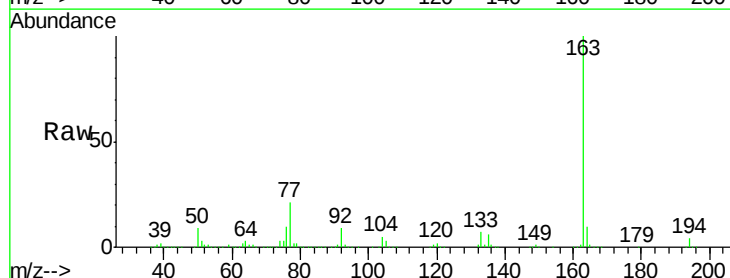
Tgt Ion:163 Resp: 1469024

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

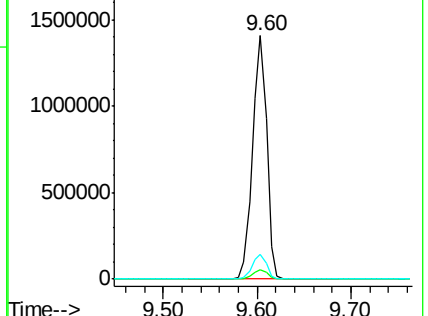
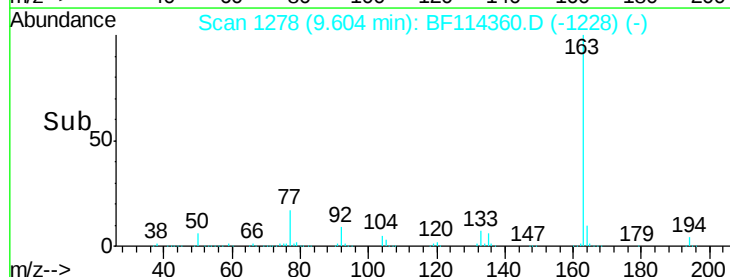
164 10.4 8.2 12.2

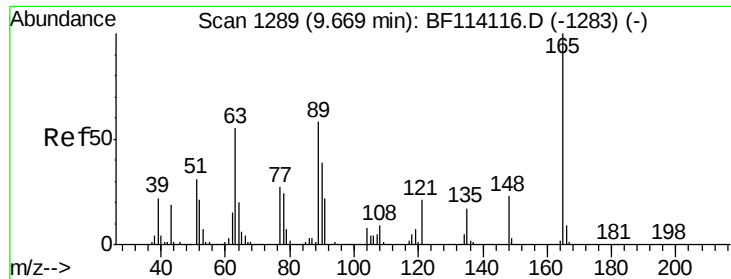


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.191 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

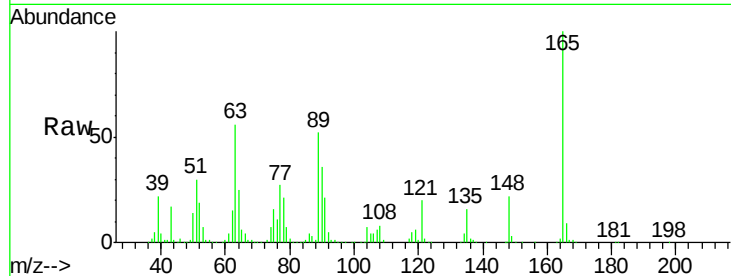
Tot Ion:165 Resp: 264382

Ion Ratio Lower Upper

165 100

63 55.9 50.2 75.4

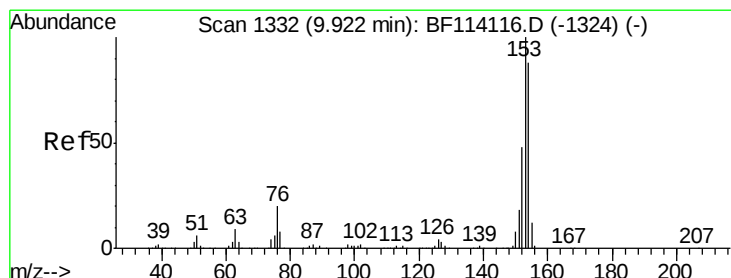
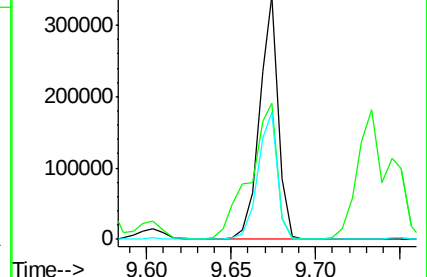
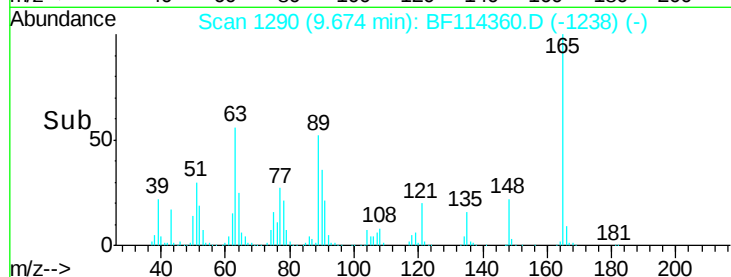
89 52.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.776 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

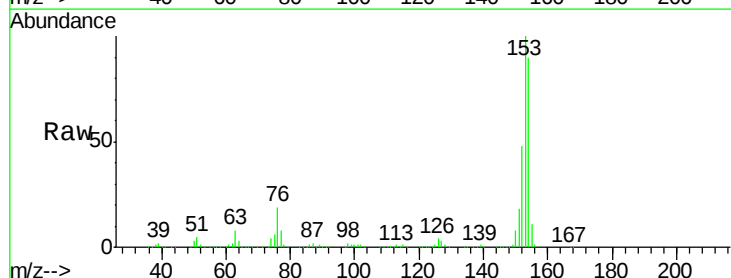
Tgt Ion:154 Resp: 909174

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

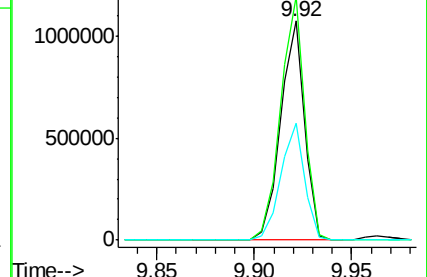
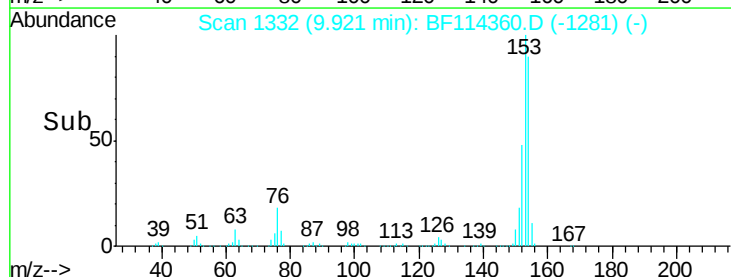
152 53.5 43.4 65.2

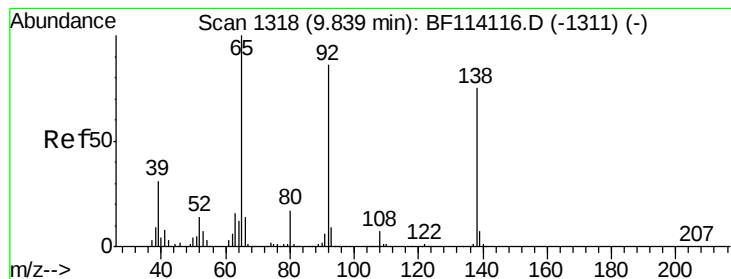


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.436 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

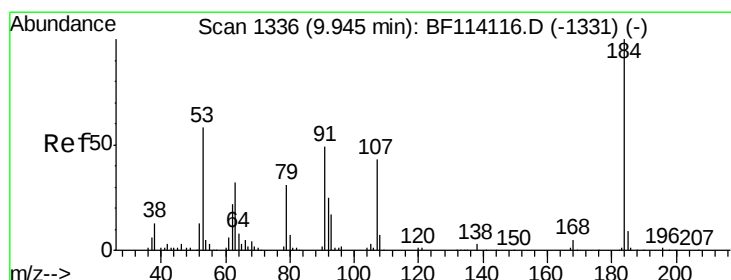
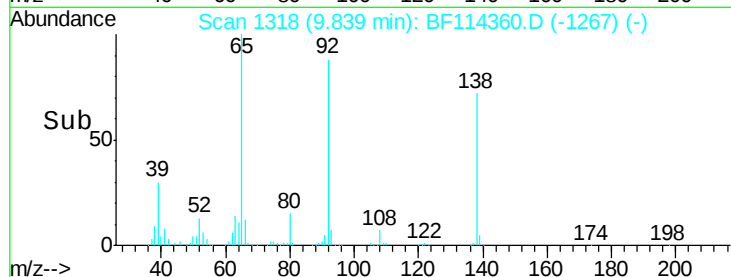
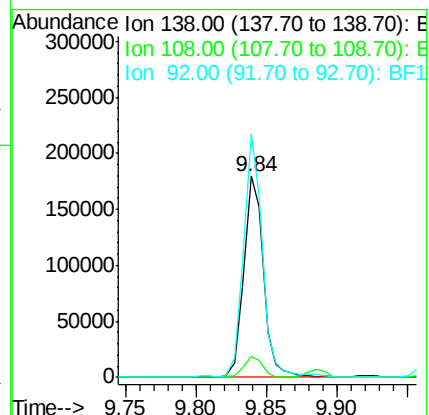
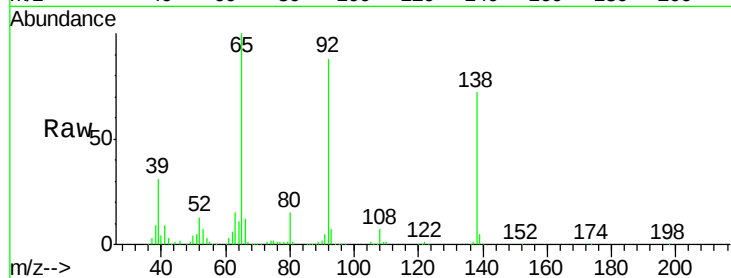
Tot Ion:138 Resp: 174048

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

92 121.3 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 19.104 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

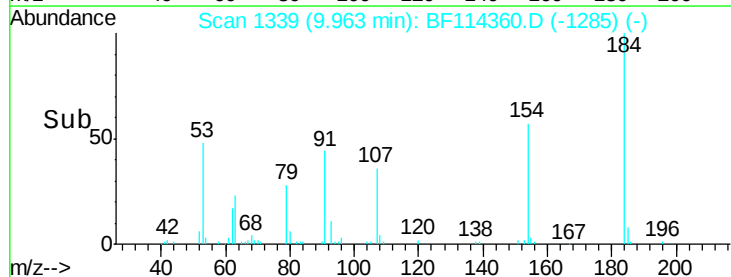
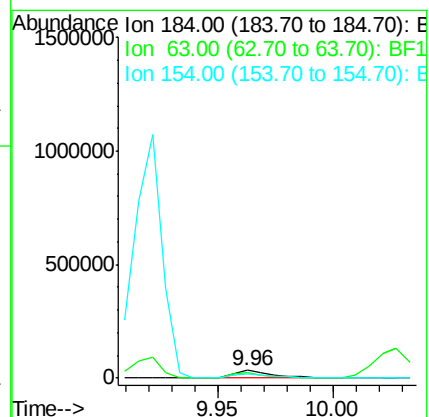
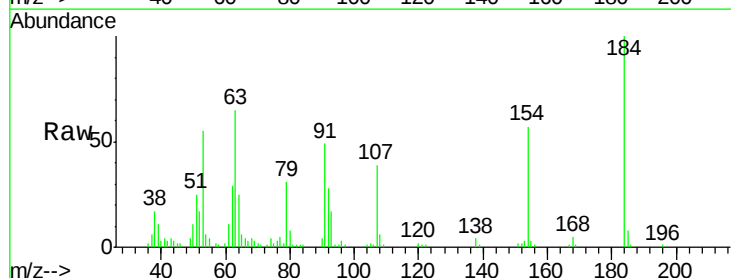
Tgt Ion:184 Resp: 40602

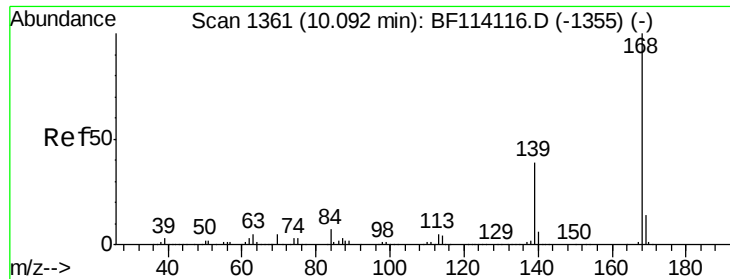
Ion Ratio Lower Upper

184 100

63 65.1 55.6 83.4

154 56.9 46.0 69.0





#55

Dibenzofuran

Concen: 40.843 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

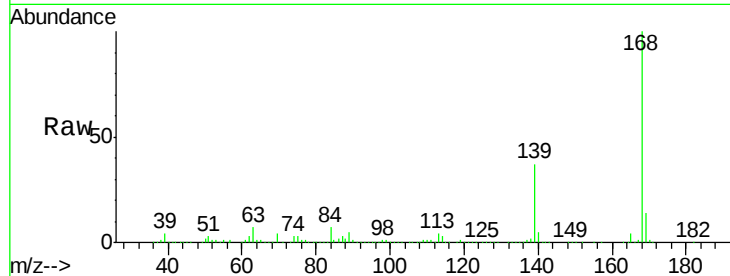
Tot Ion:168 Resp: 1335358

Ion Ratio Lower Upper

168 100

139 36.9 31.1 46.7

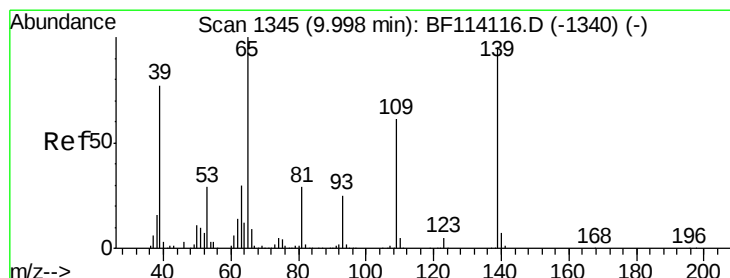
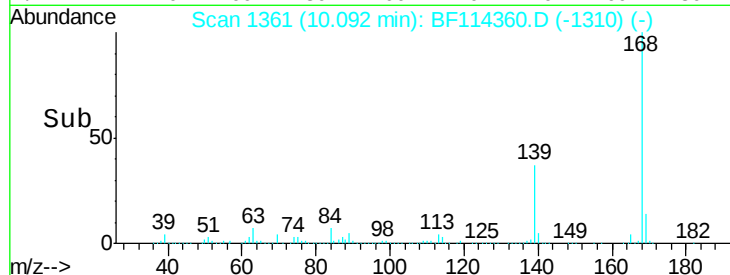
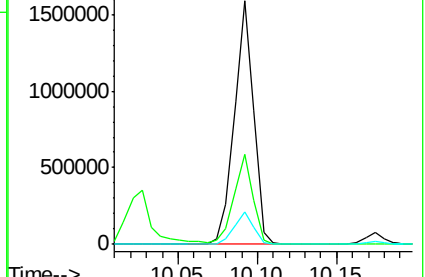
169 13.5 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.104 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.03 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

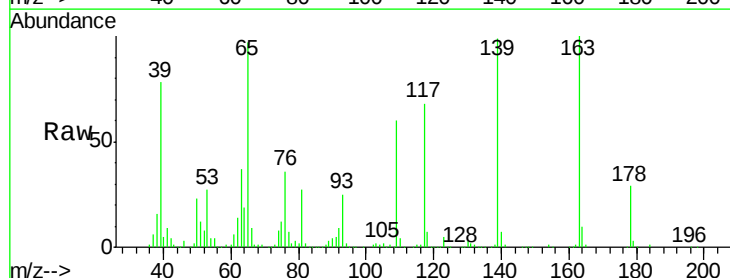
Tgt Ion:139 Resp: 389199

Ion Ratio Lower Upper

139 100

109 60.1 43.9 83.9

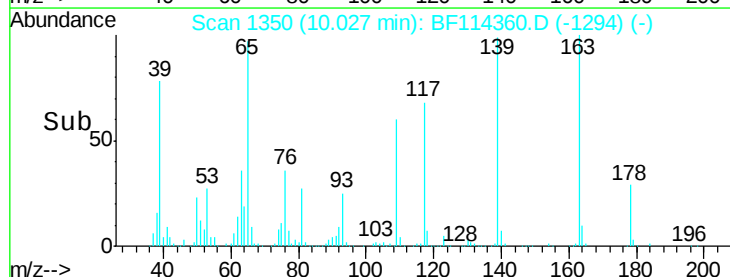
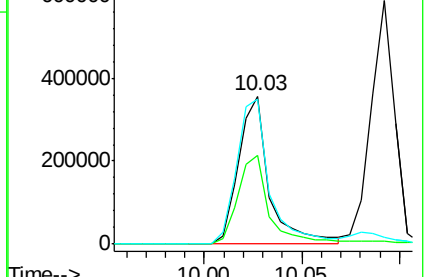
65 97.8 85.7 125.7

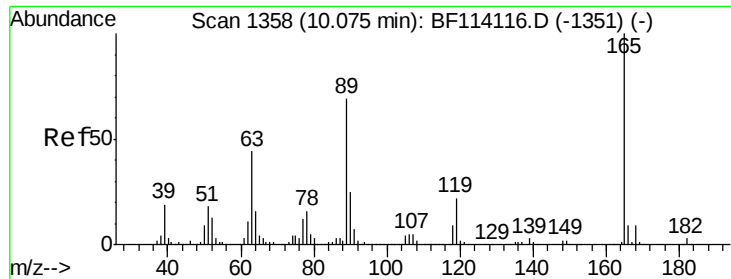


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

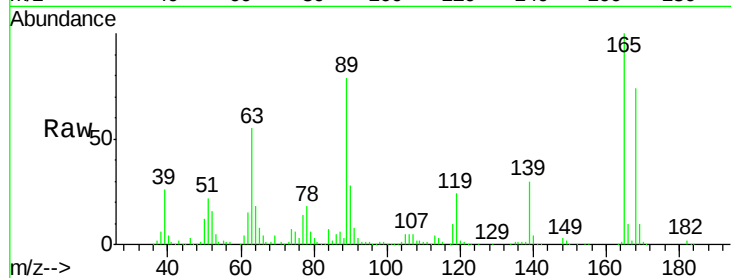




#57
2,4-Dinitrotoluene
Concen: 41.685 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	35.5	53.3
89	78.9	55.2	82.8
182	2.4	2.2	3.2

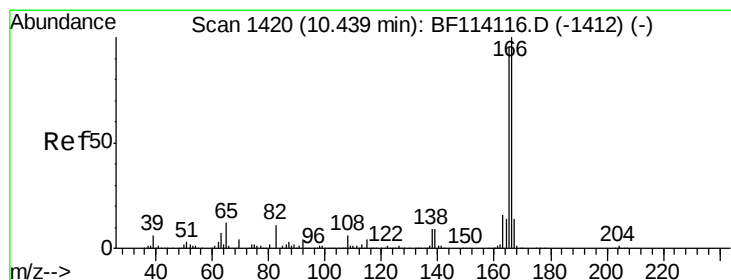
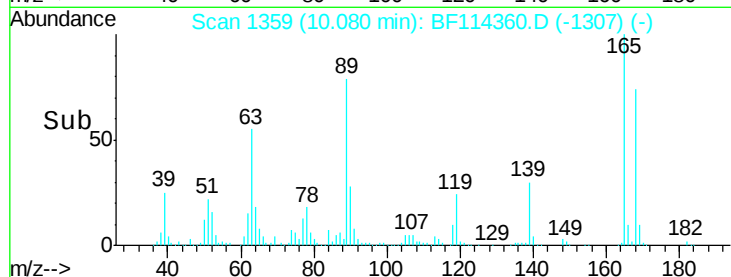
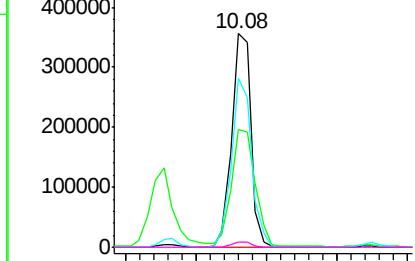


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

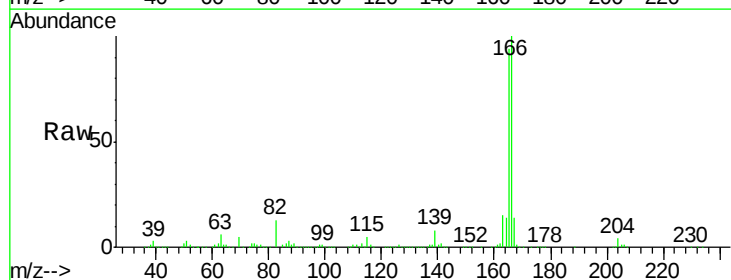
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.074 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

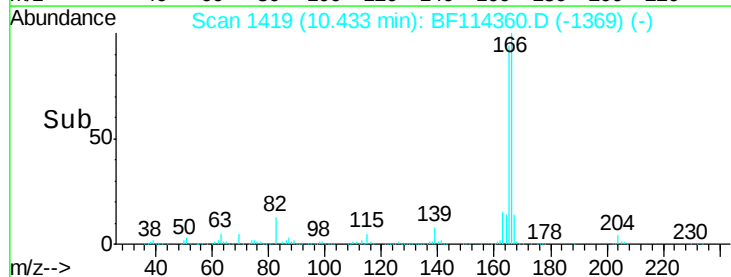
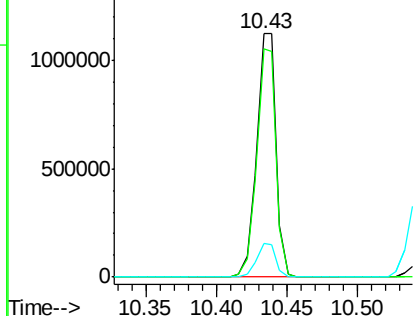
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.1	114.1
167	13.8	11.1	16.7

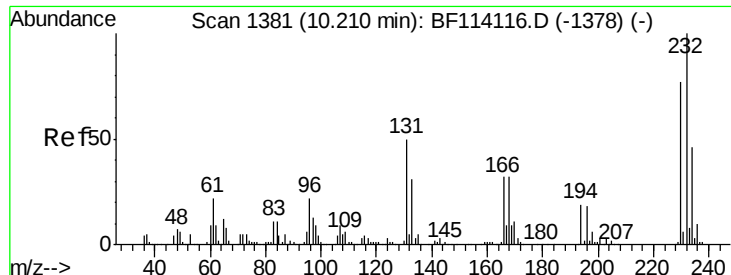


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

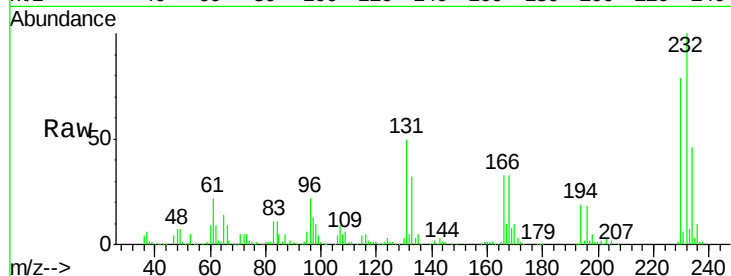




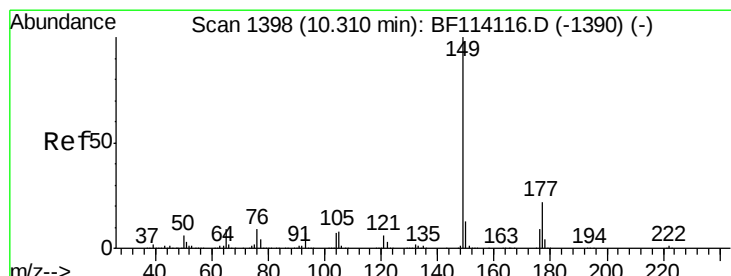
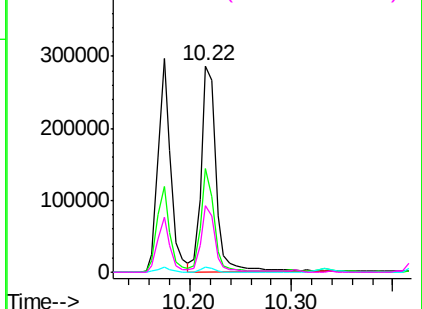
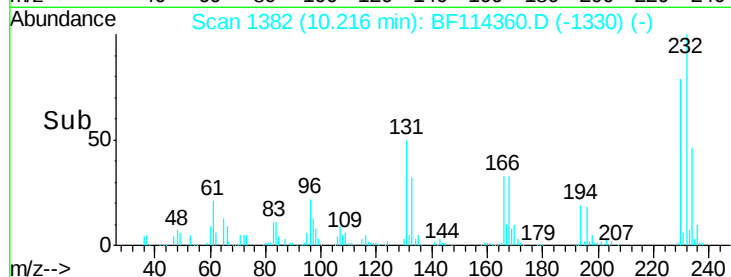
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.043 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.3	1.6	2.4
166	29.7	24.1	36.1

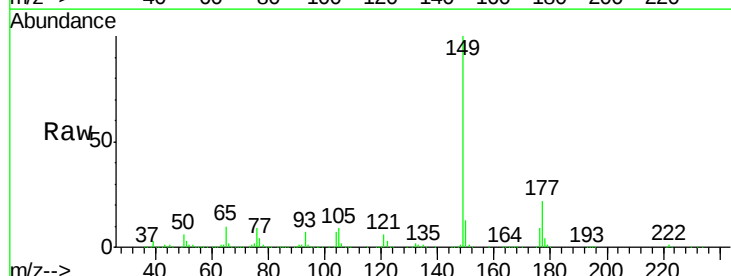


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

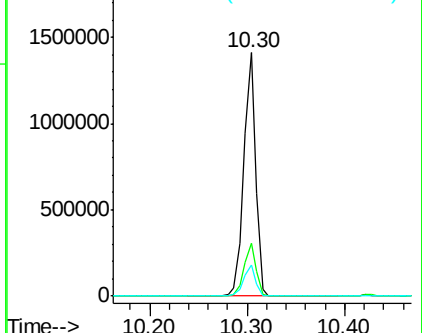
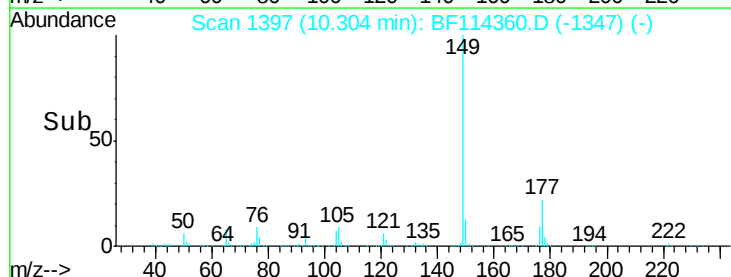


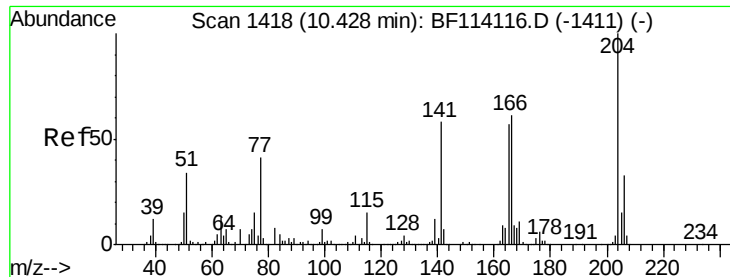
#60
Diethylphthalate
Concen: 43.273 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.6
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

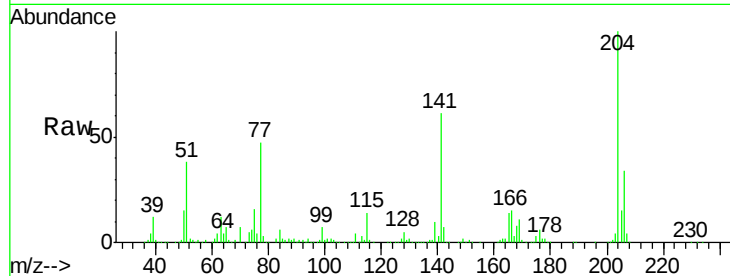




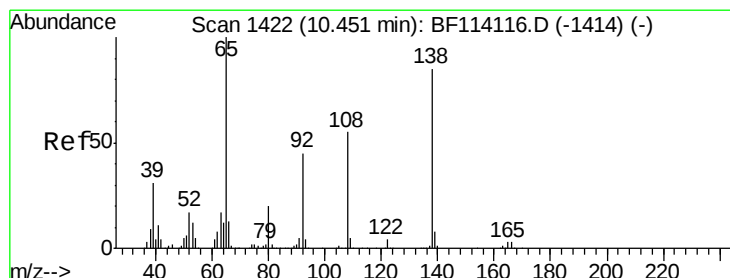
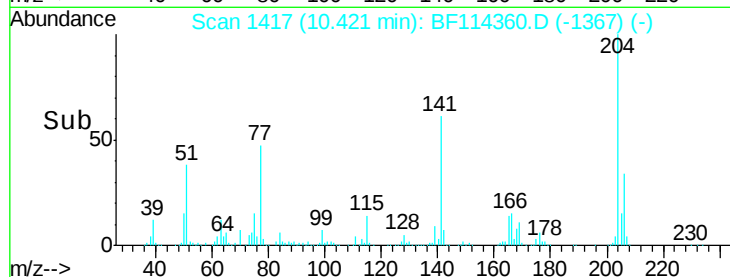
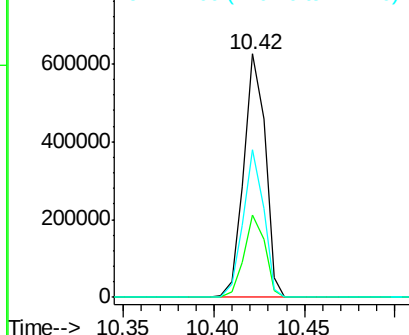
#61
4-Chlorophenyl-phenylether
Concen: 41.742 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 517740
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 60.8 46.4 69.6

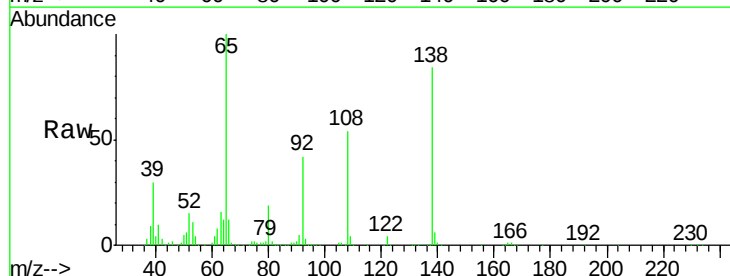


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

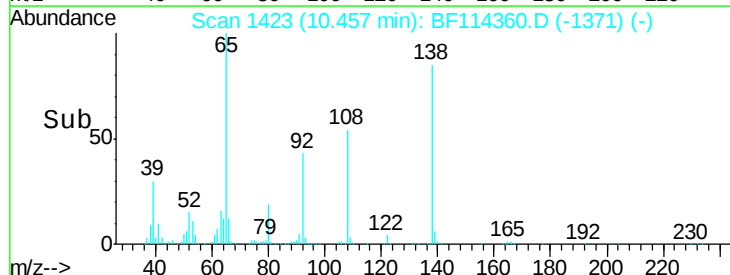
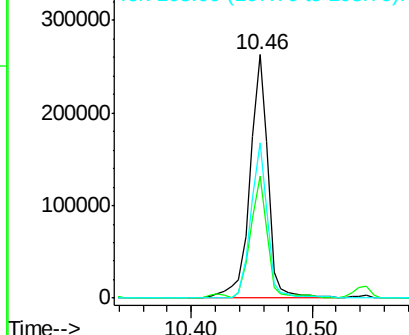


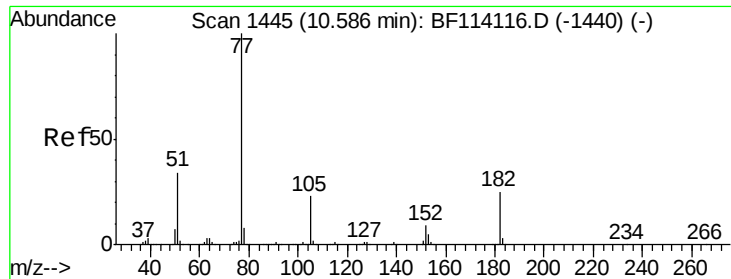
#62
4-Nitroaniline
Concen: 35.327 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:138 Resp: 275689
Ion Ratio Lower Upper
138 100
92 50.3 33.0 73.0
108 63.9 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.636 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

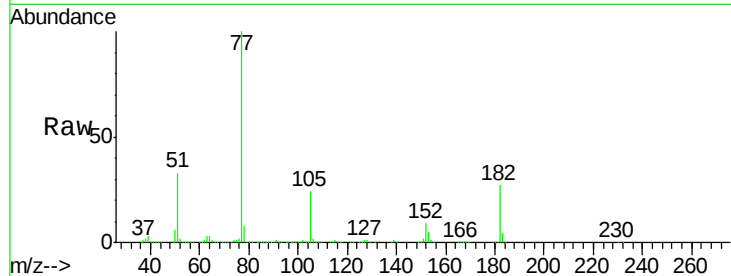
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1131073

Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.7	44.7
105	23.9	2.9	42.9
51	32.8	14.6	54.6

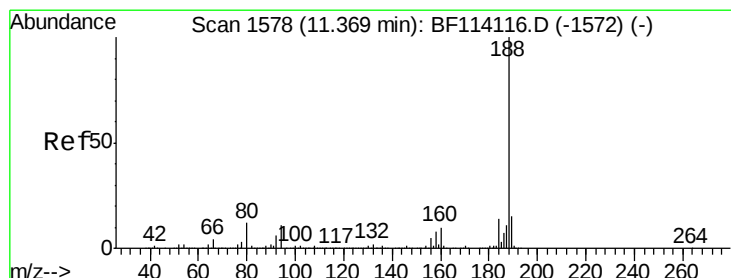
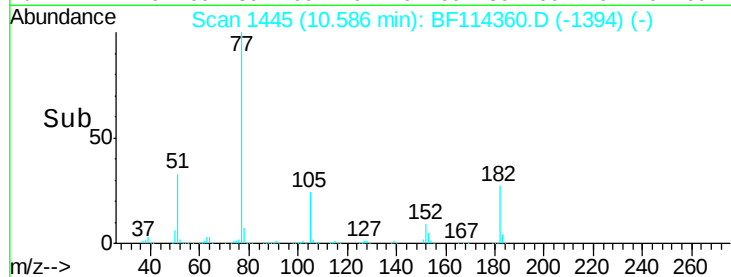
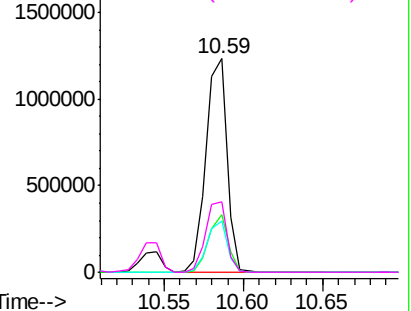


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

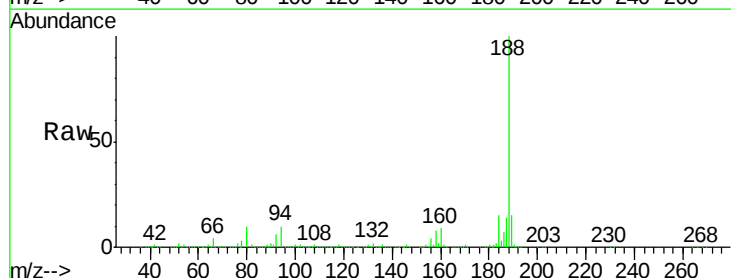
Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion: 188 Resp: 727356

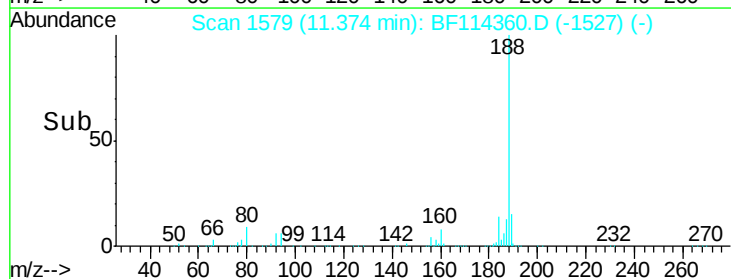
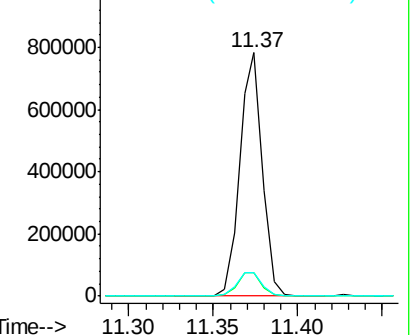
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	9.9	9.2	13.8

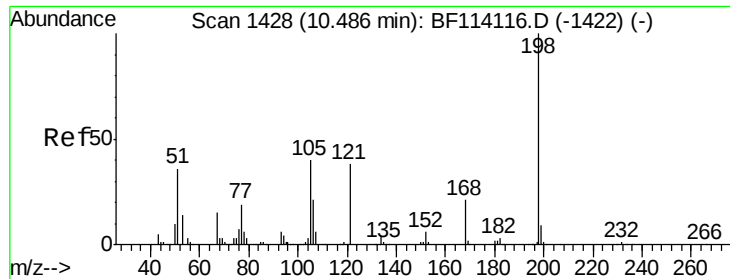


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 17.226 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

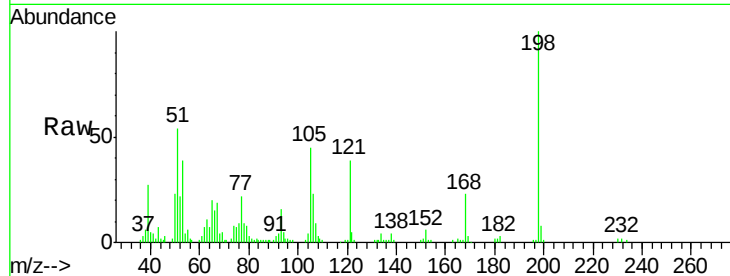
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 60205

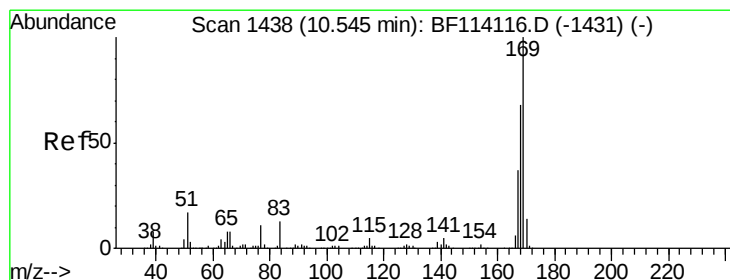
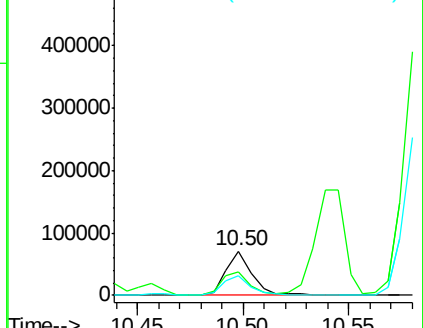
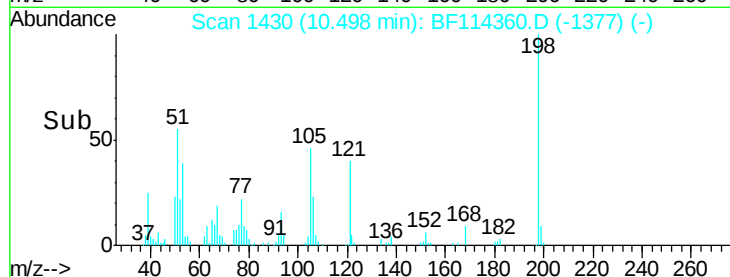
Ion	Ratio	Lower	Upper
198	100		
51	54.2	28.0	68.0
105	44.6	21.1	61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.706 ng

RT: 10.54 min Scan# 1438

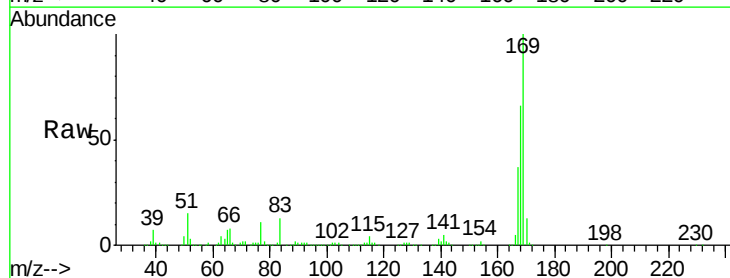
Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:169 Resp: 1008969

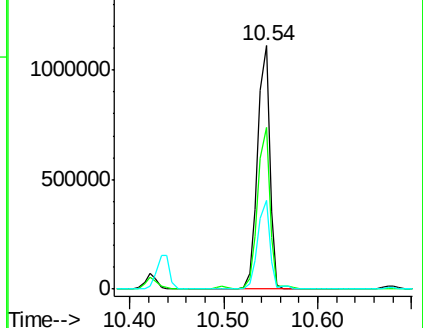
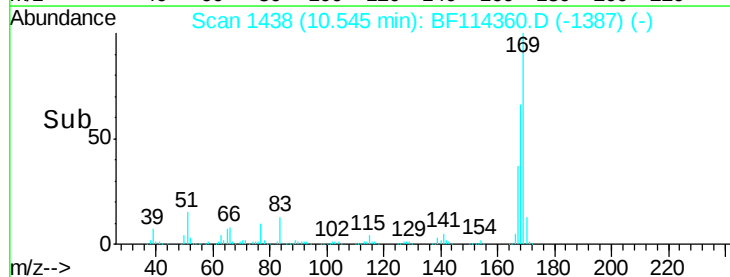
Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.2	81.2
167	36.5	29.8	44.8

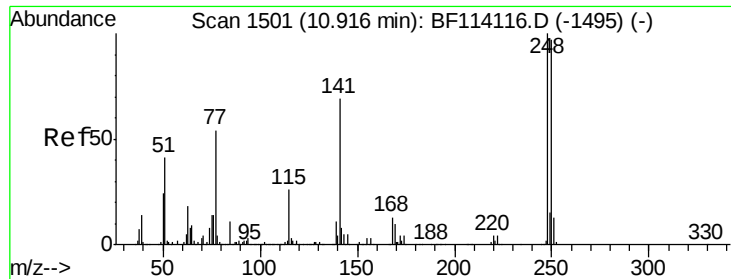


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

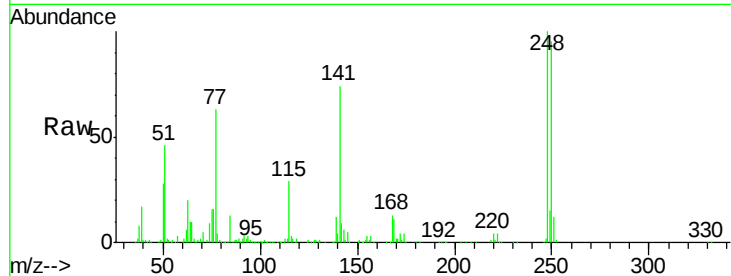




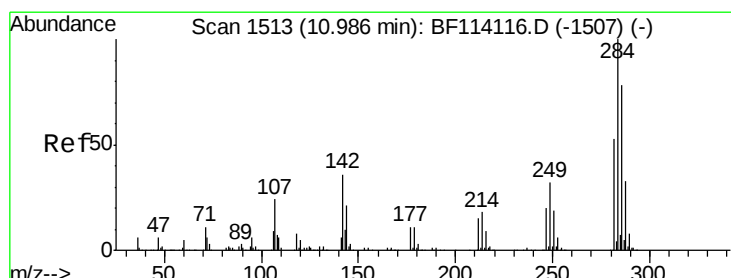
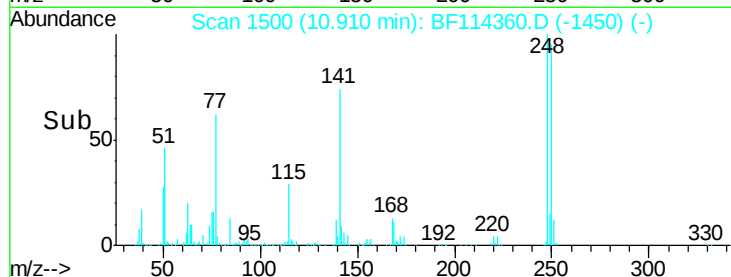
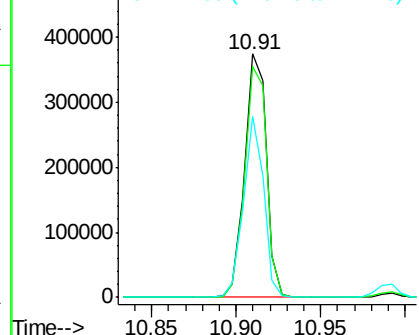
#67
4-Bromophenyl-phenylether
Concen: 41.829 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 334984
Ion Ratio Lower Upper
248 100
250 94.7 77.4 116.2
141 74.2 55.6 83.4

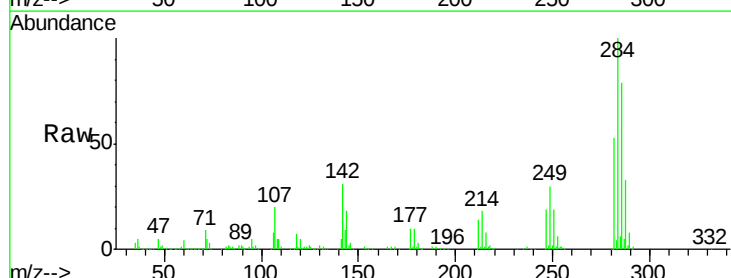


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

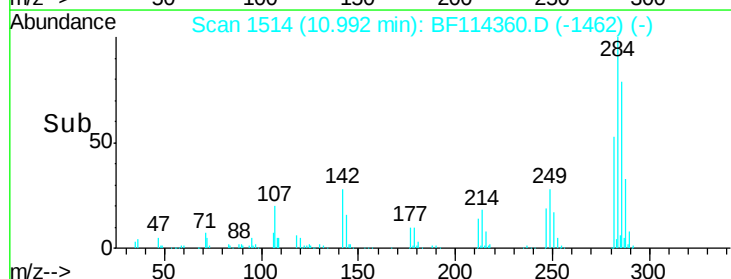
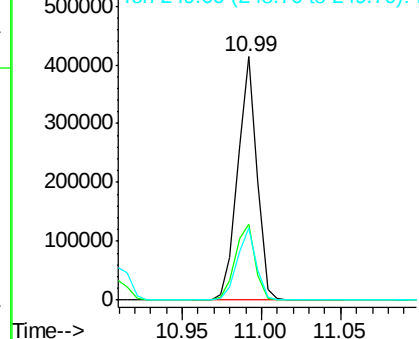


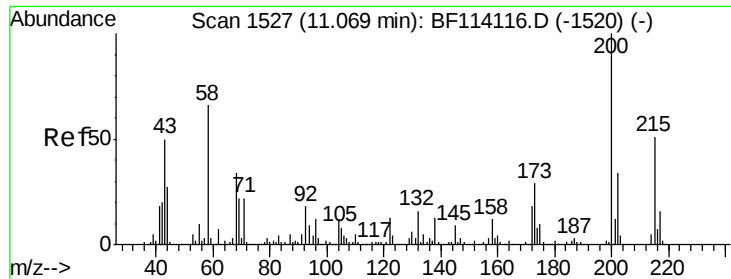
#68
Hexachlorobenzene
Concen: 39.273 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:284 Resp: 347944
Ion Ratio Lower Upper
284 100
142 31.3 28.4 42.6
249 29.7 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.578 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampled :

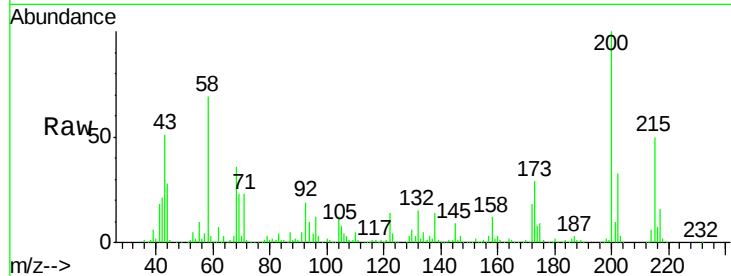
Tot Ion:200 Resp: 306239

Ion Ratio Lower Upper

200 100

173 29.5 8.9 48.9

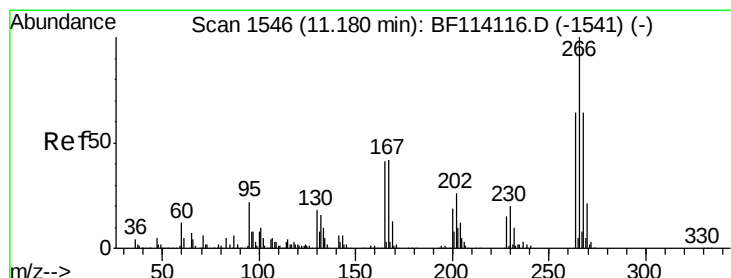
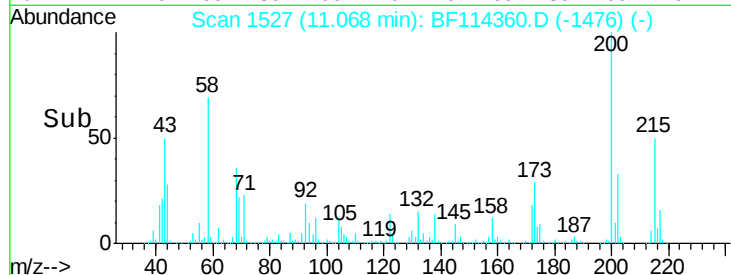
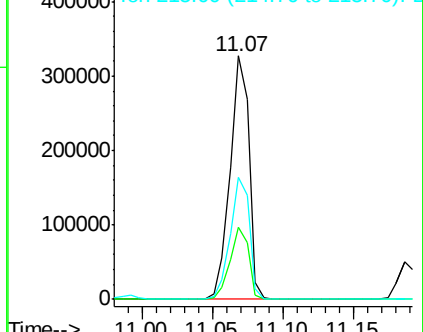
215 50.3 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.329 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

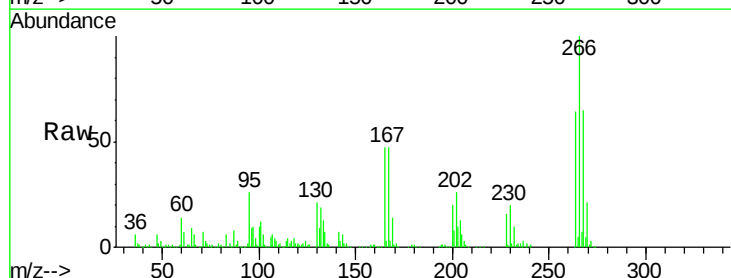
Tgt Ion:266 Resp: 307966

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

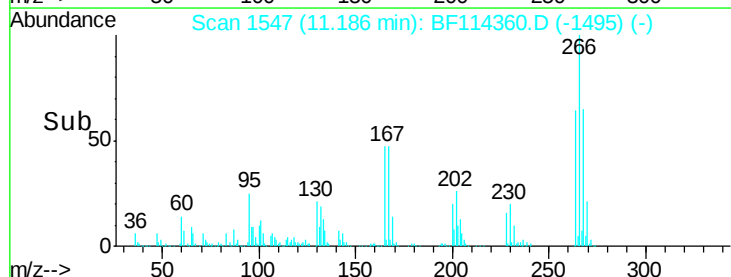
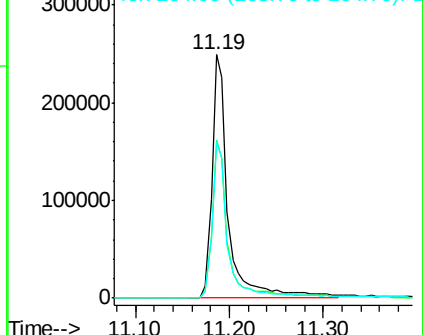
264 64.3 51.1 76.7

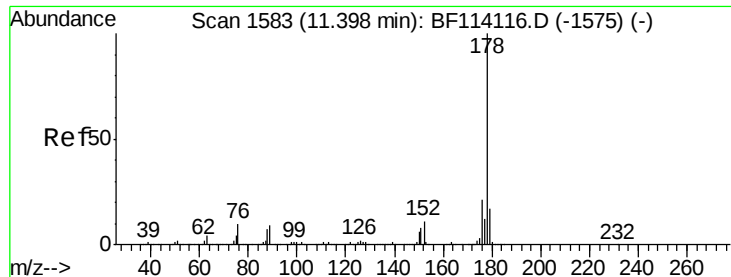


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.658 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

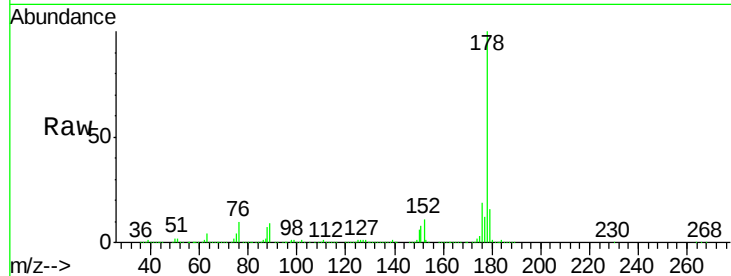
Tot Ion:178 Resp: 1544920

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	15.9	13.2	19.8

178 100

176 19.4 16.4 24.6

179 15.9 13.2 19.8

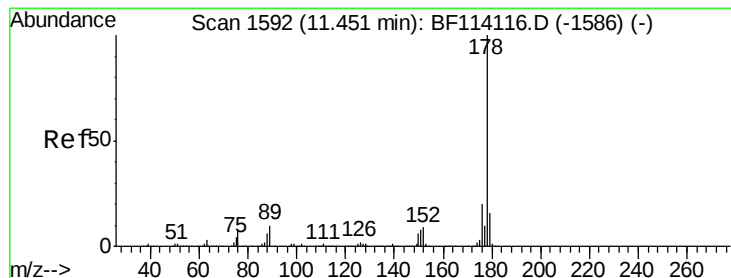
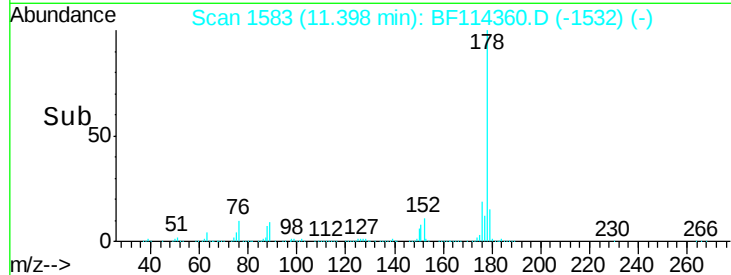
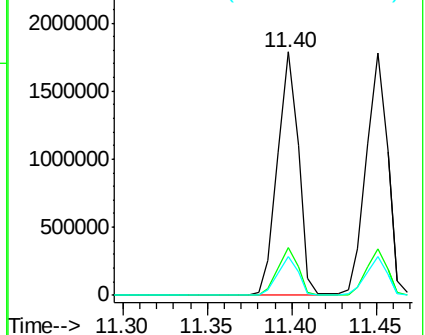


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.771 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

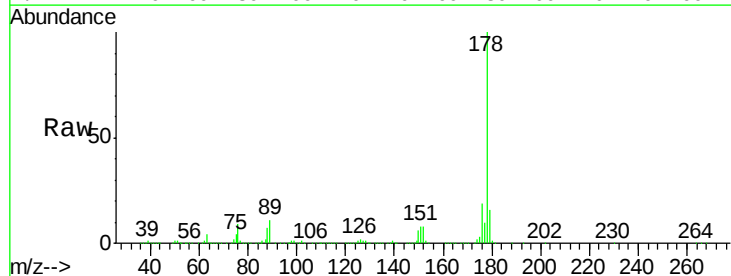
Tgt Ion:178 Resp: 1591298

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.0	13.0	19.4

178 100

176 19.0 15.8 23.8

179 16.0 13.0 19.4

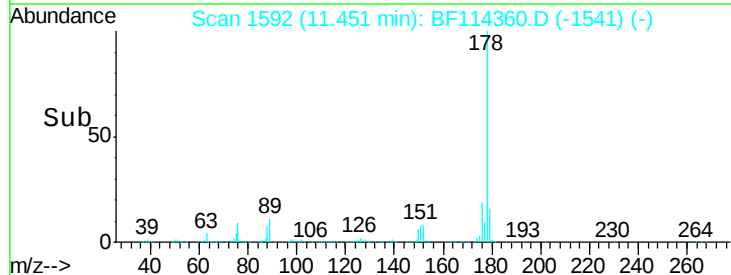
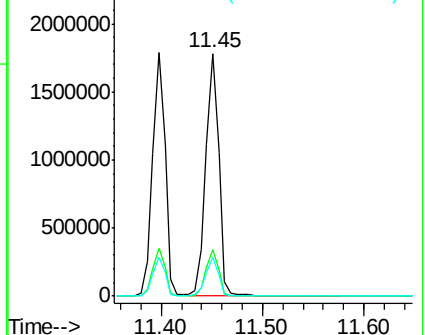


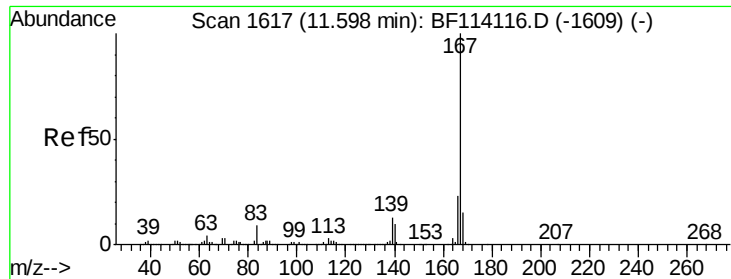
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

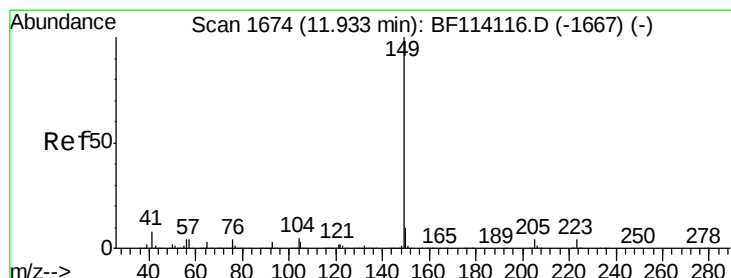
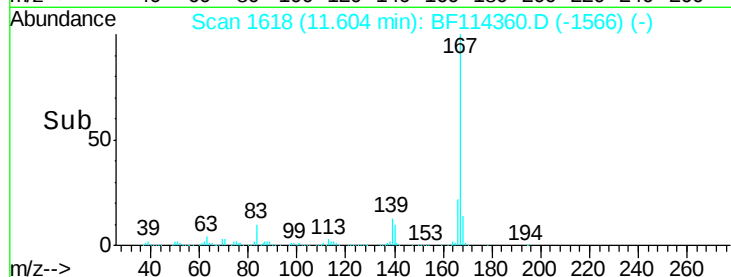
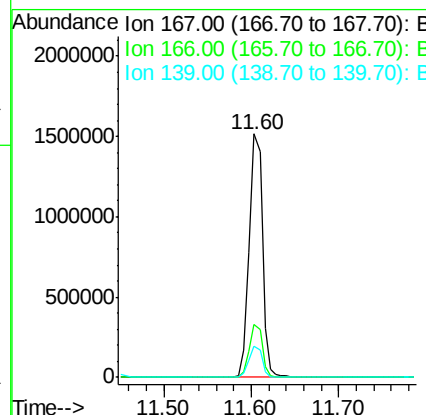
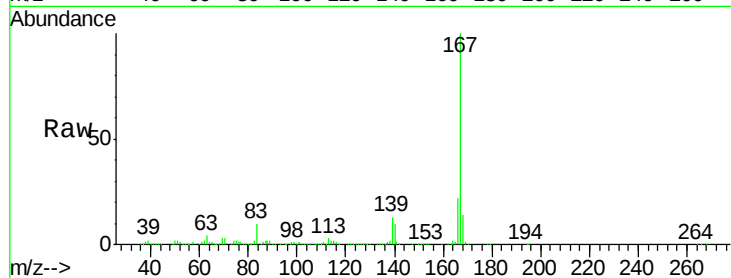




#73
 Carbazole
 Concen: 44.710 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

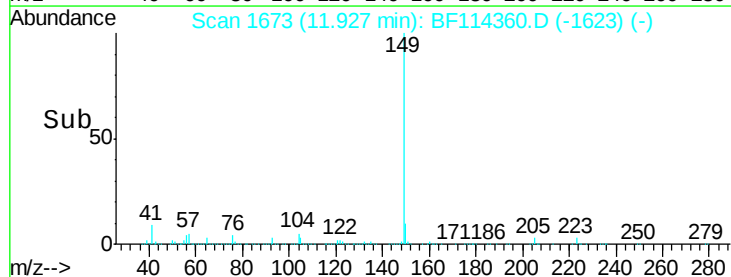
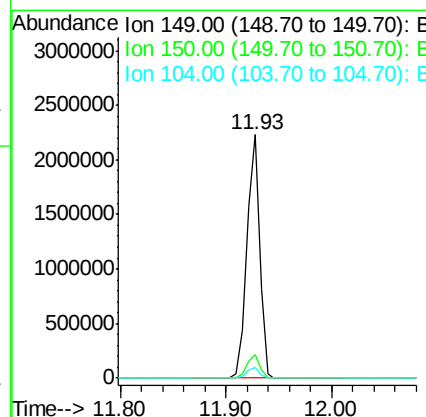
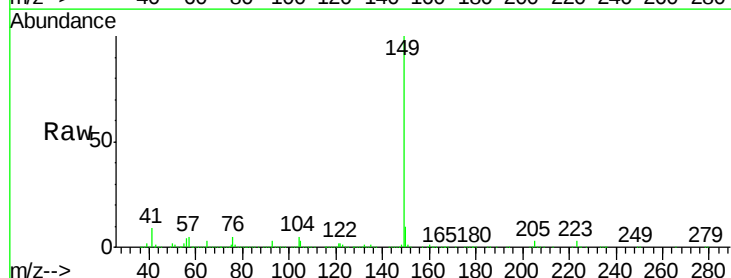
Instrument :
 BNA_F
 ClientSampleId :

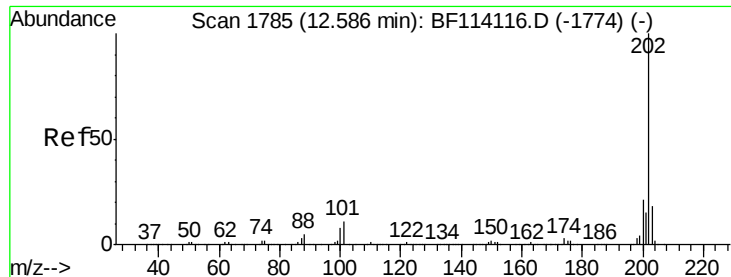
Tot Ion:167 Resp: 1515364
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.636 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion:149 Resp: 1821052
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 41.731 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

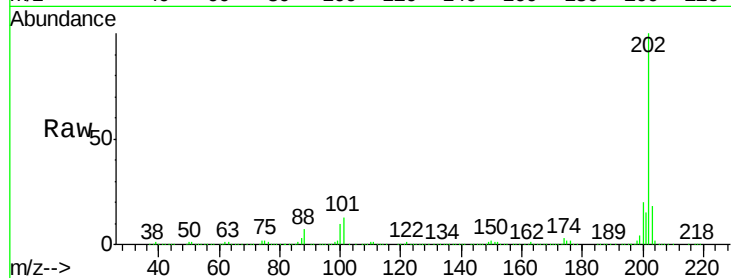
Tot Ion:202 Resp: 1590241

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.0

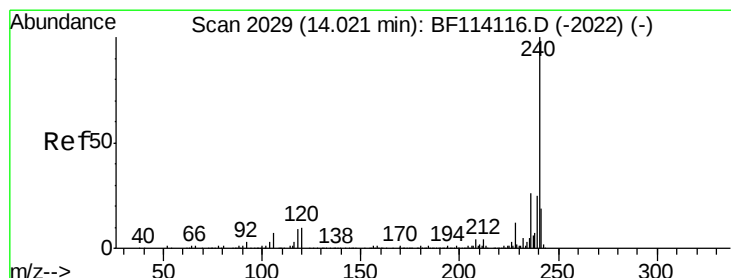
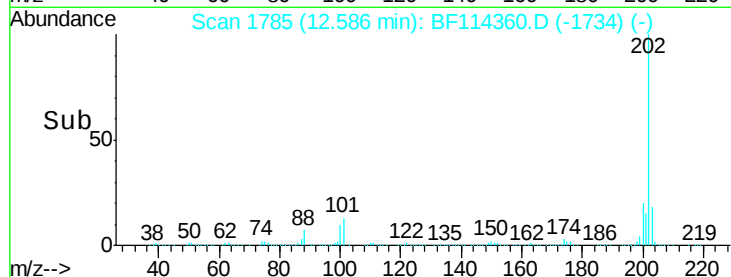
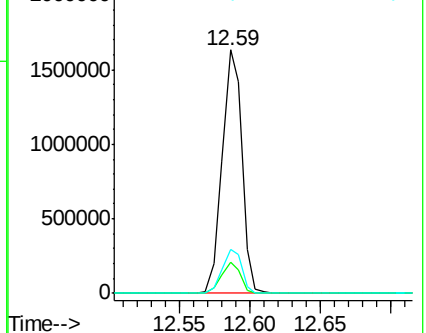
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

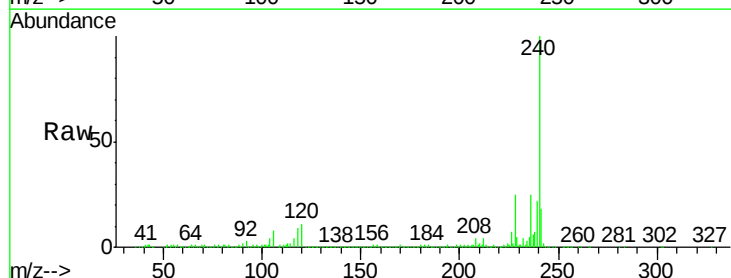
Tgt Ion:240 Resp: 485570

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

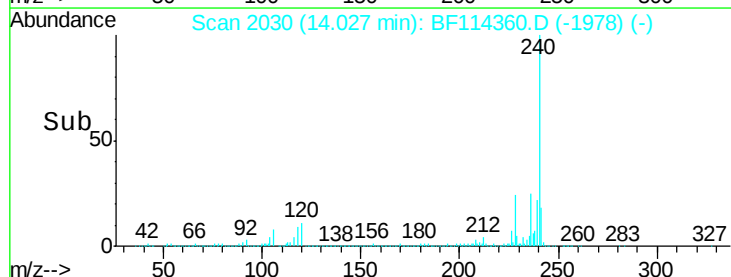
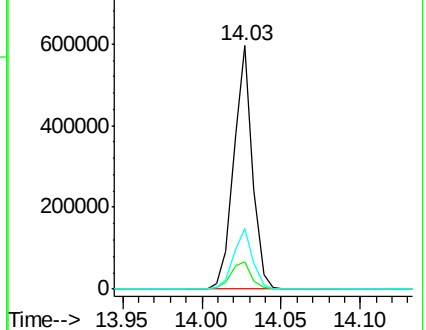
236 24.9 20.8 31.2

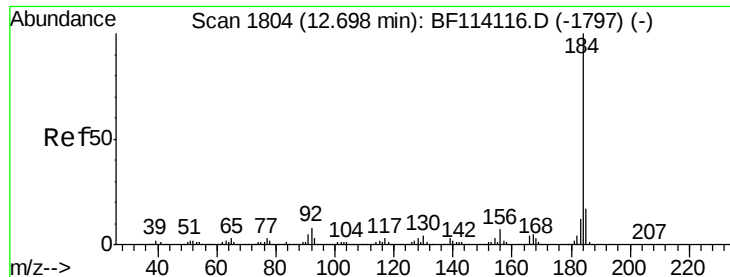


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.667 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

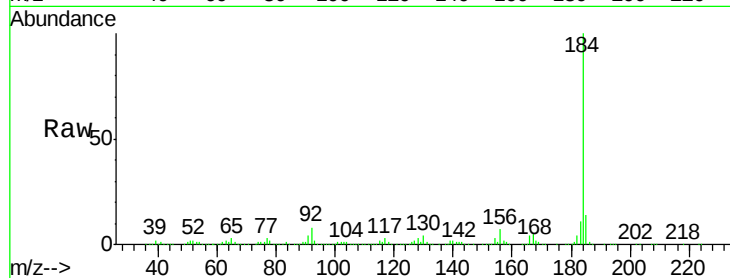
Tot Ion:184 Resp: 1038981

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.6	20.4
183	10.9	9.2	13.8

184 100

185 14.1 13.6 20.4

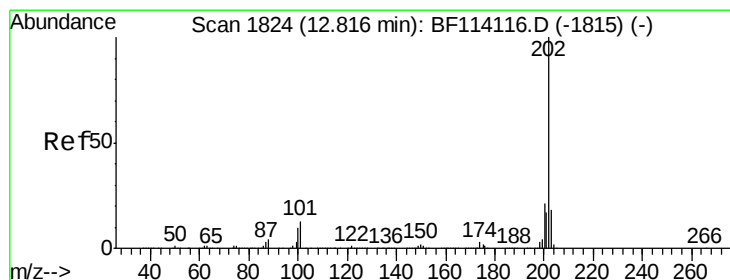
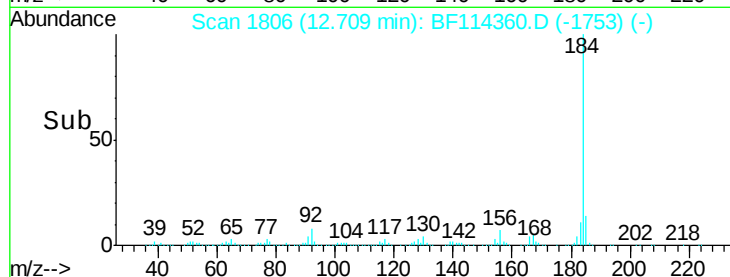
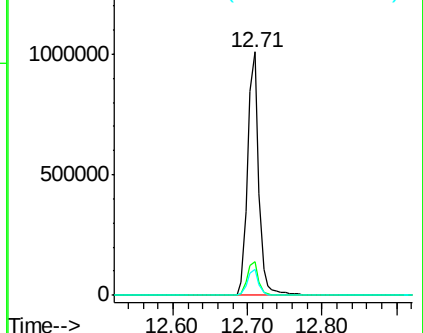
183 10.9 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.677 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

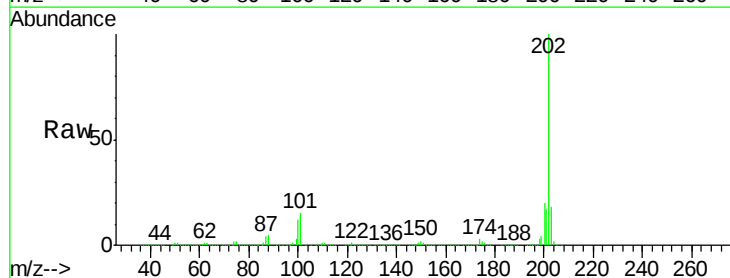
Tgt Ion:202 Resp: 1588898

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	18.3	14.5	21.7

202 100

200 20.4 16.9 25.3

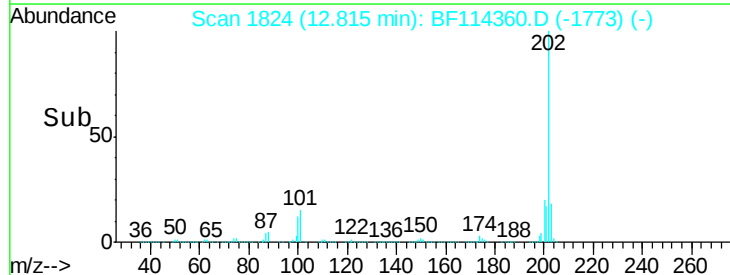
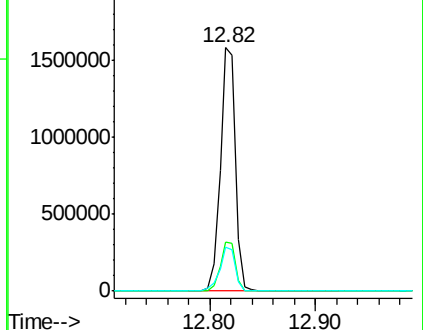
203 18.3 14.5 21.7

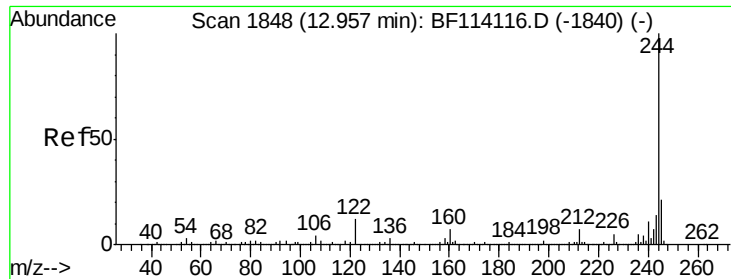


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

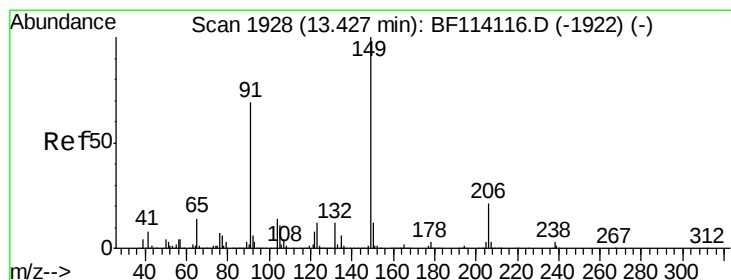
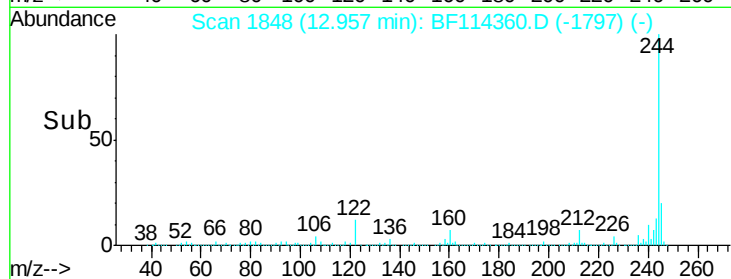
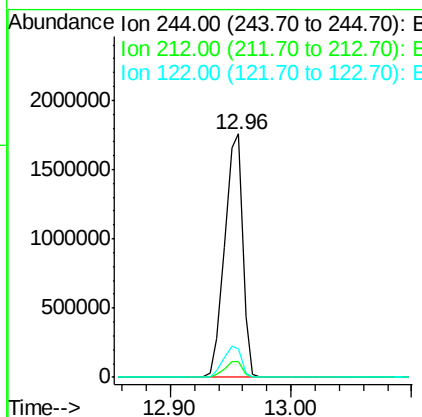
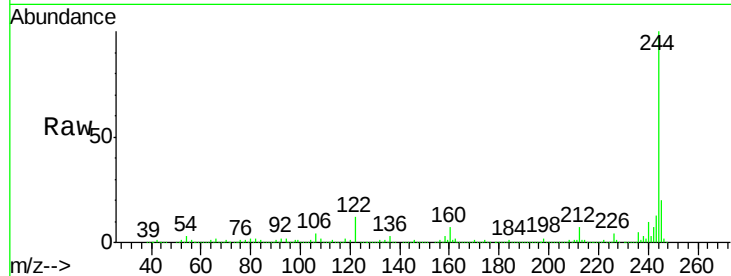




#79
 Terphenyl-d14
 Concen: 77.078 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

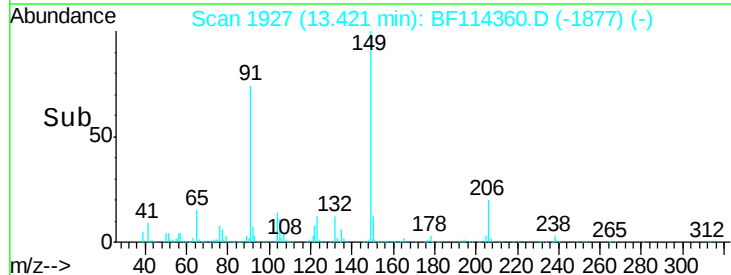
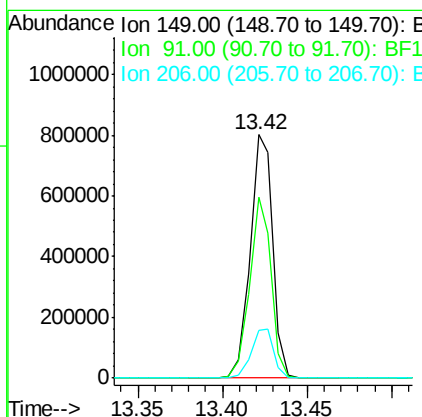
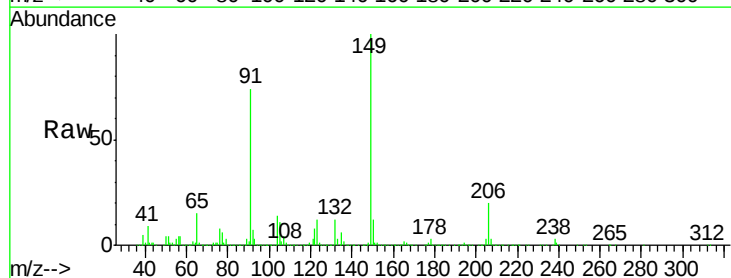
Instrument :
 BNA_F
 ClientSampleId :

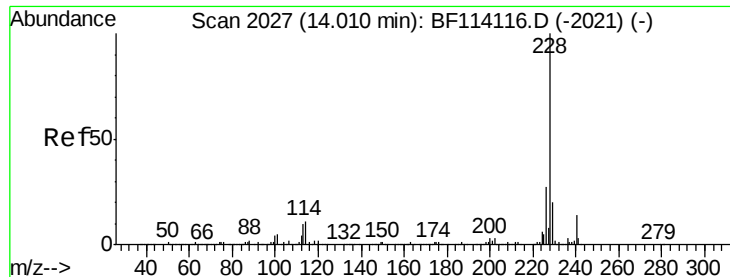
Tot Ion:244 Resp: 1815578
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 11.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 45.411 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion:149 Resp: 746630
 Ion Ratio Lower Upper
 149 100
 91 74.3 55.0 82.4
 206 19.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.289 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

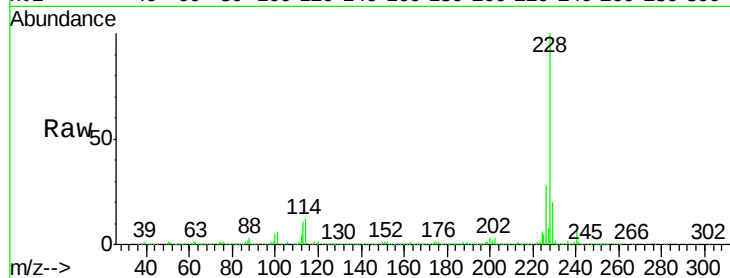
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1359567

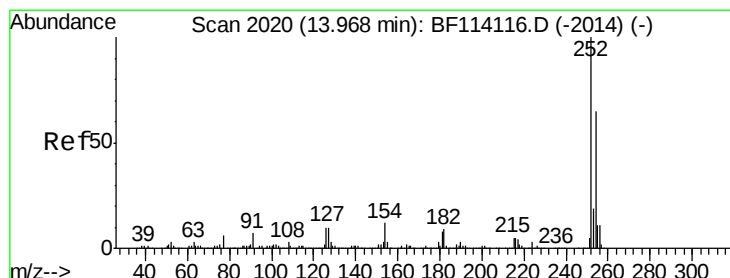
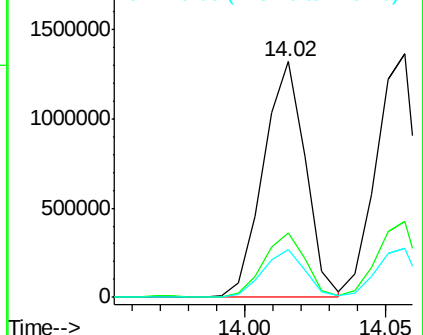
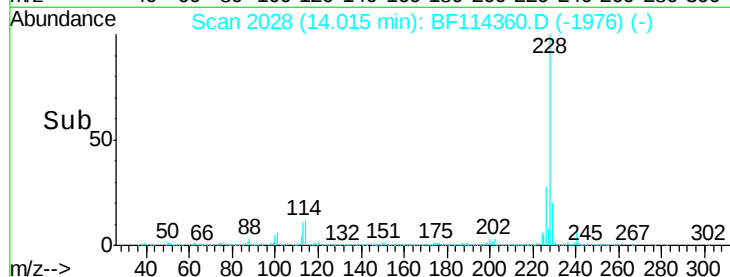
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.015 ng

RT: 13.97 min Scan# 2020

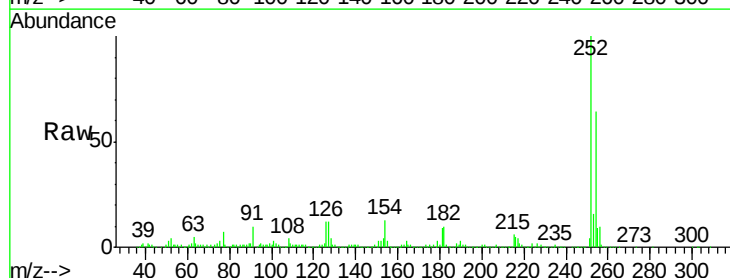
Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:252 Resp: 487515

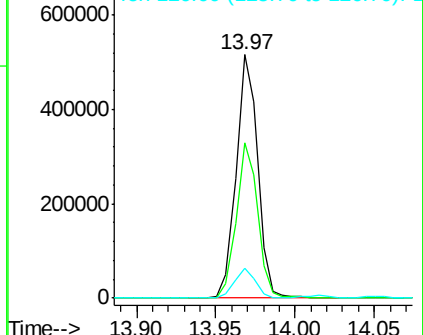
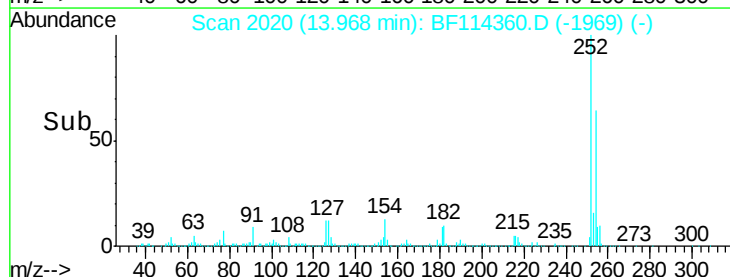
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	12.3	7.9	11.9#

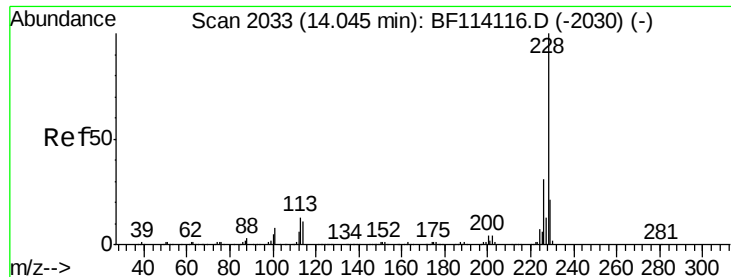


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.218 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

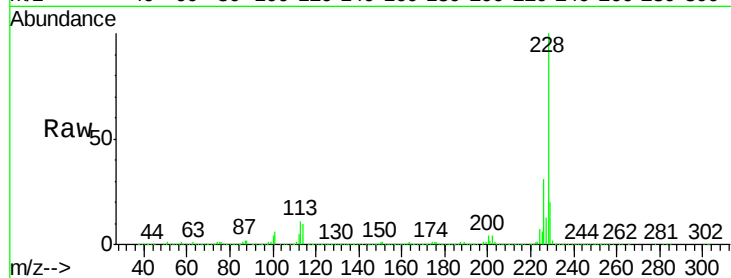
Tot Ion:228 Resp: 1330551

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

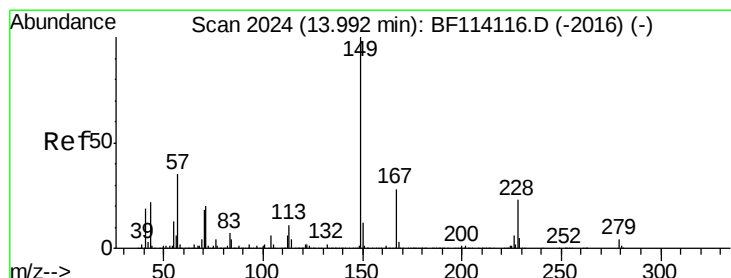
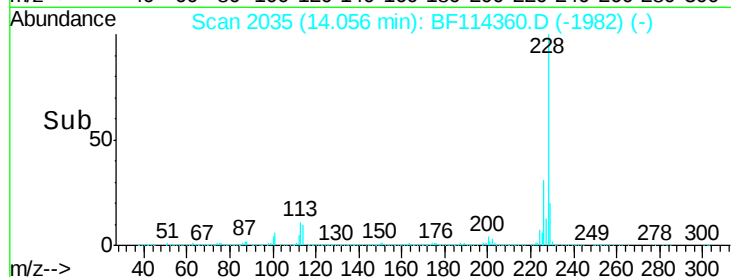
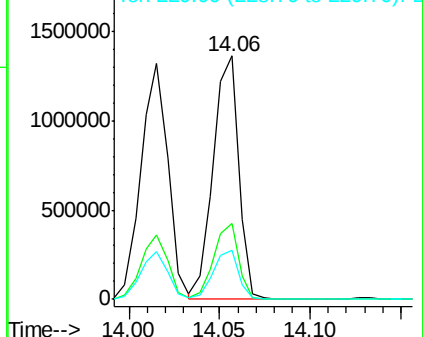
229 20.0 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.365 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

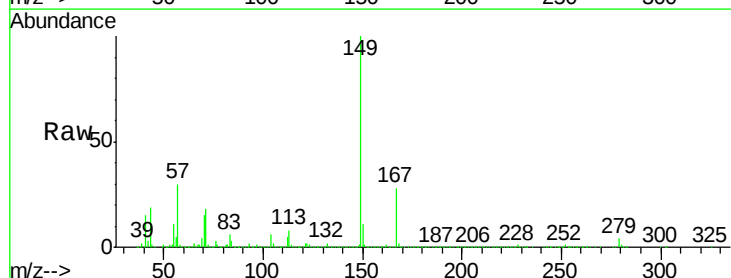
Tgt Ion:149 Resp: 1040014

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

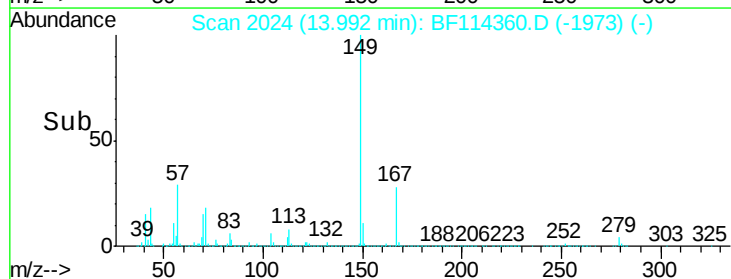
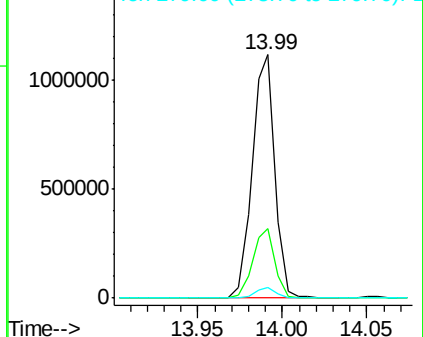
279 4.3 3.0 4.6

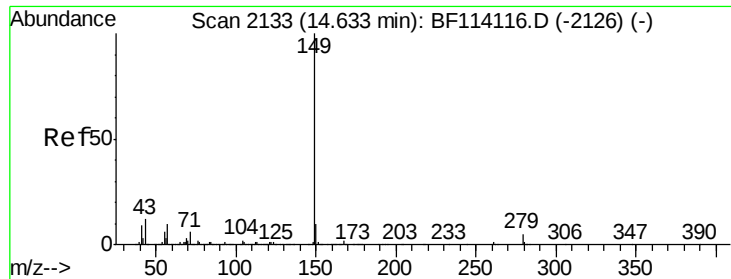


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.735 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

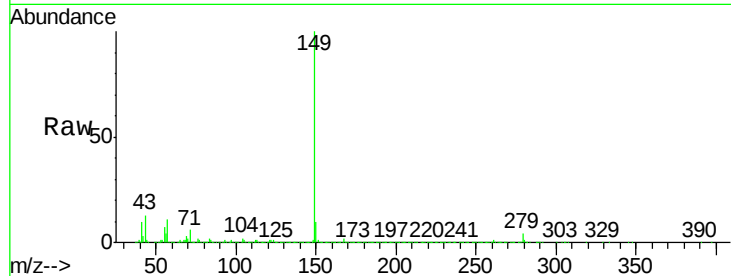
Tot Ion:149 Resp: 1733669

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

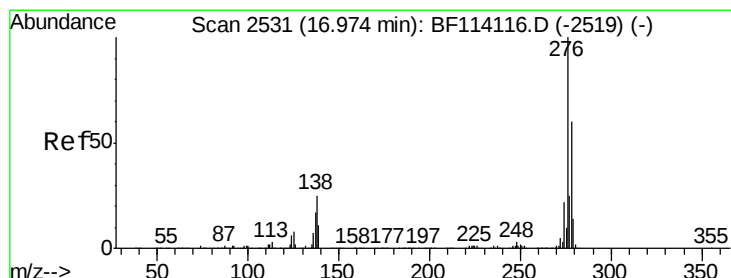
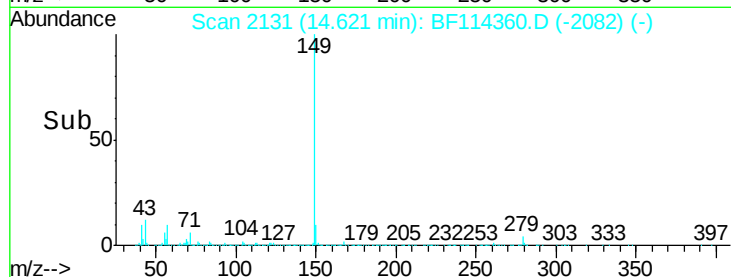
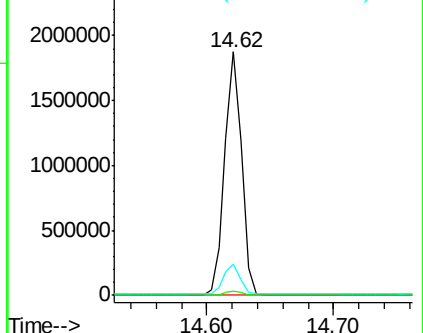
43 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.986 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

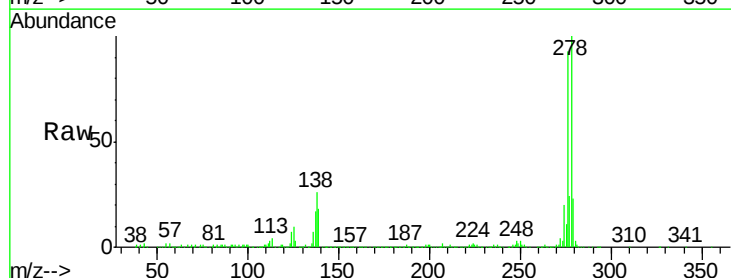
Tgt Ion:276 Resp: 1006358

Ion Ratio Lower Upper

276 100

138 26.4 20.2 30.2

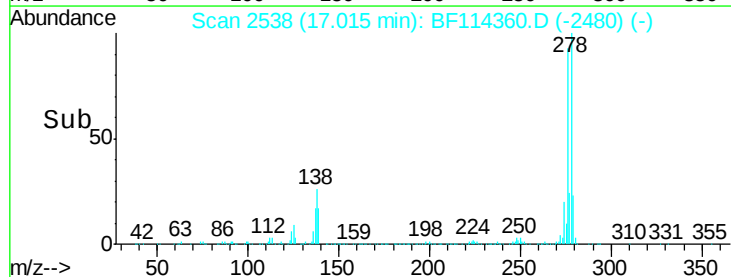
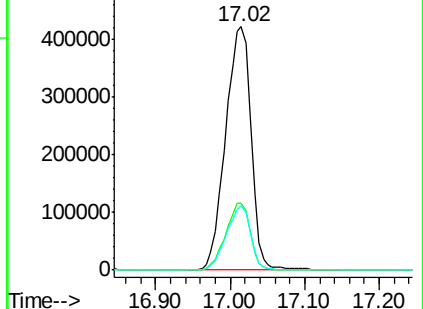
277 24.9 20.0 30.0

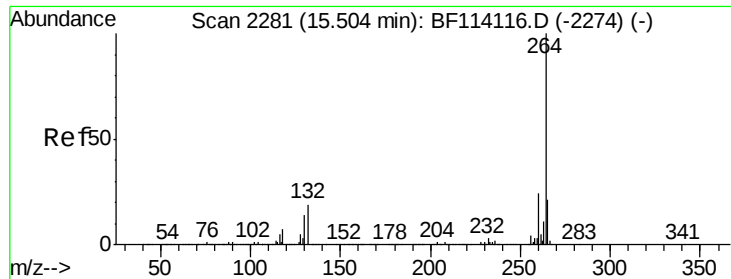


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

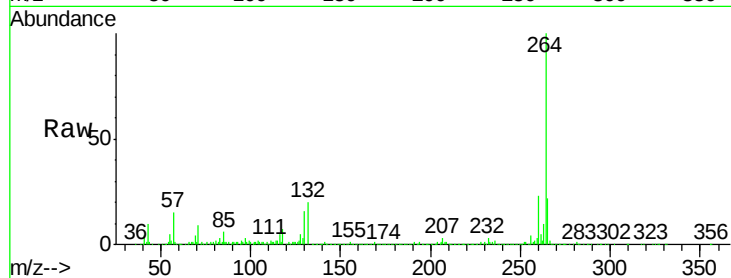
Tot Ion:264 Resp: 476253

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

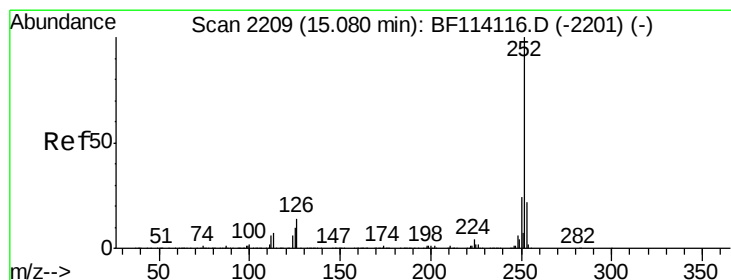
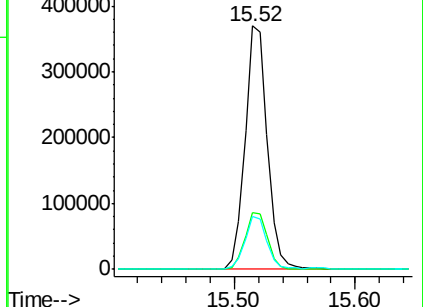
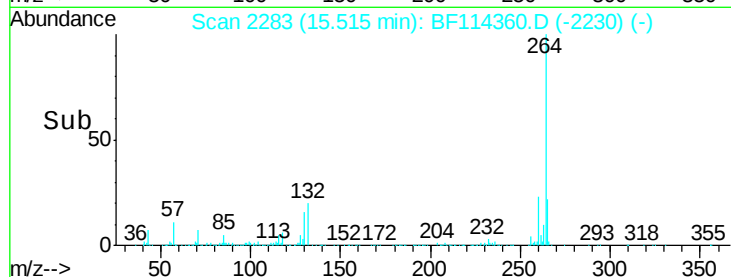
265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.334 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

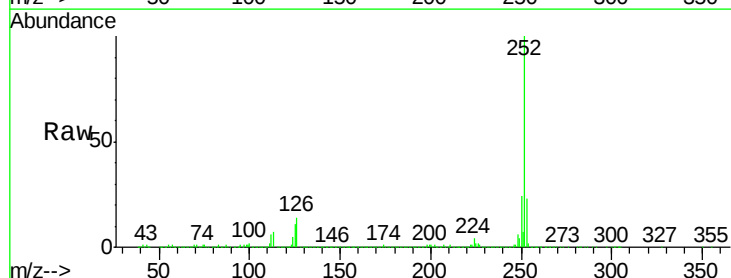
Tgt Ion:252 Resp: 1352692

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

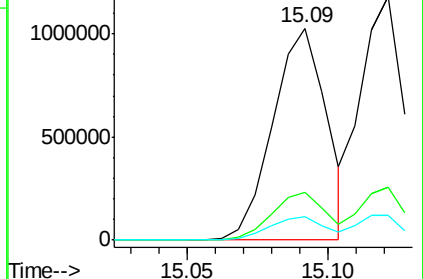
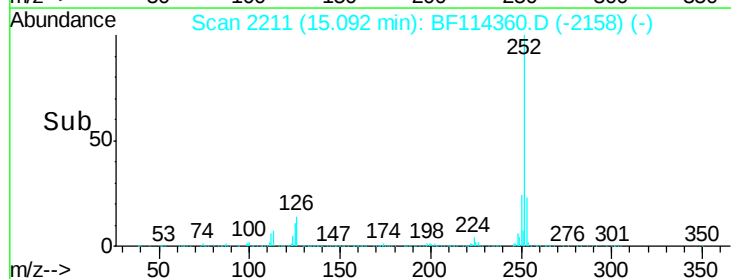
125 10.8 8.3 12.5

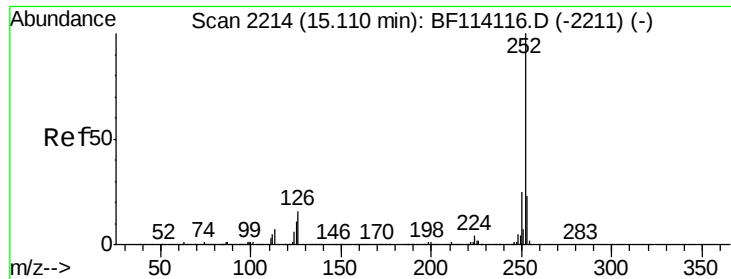


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

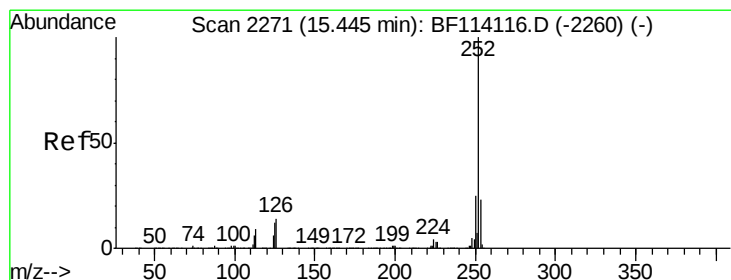
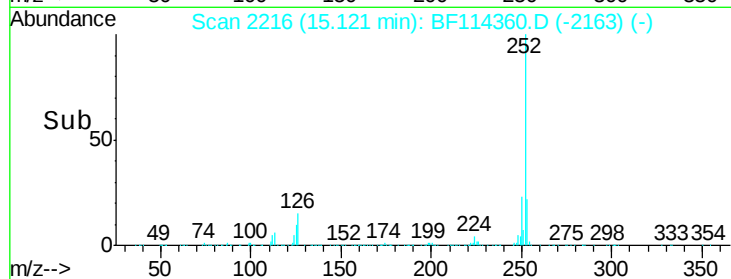
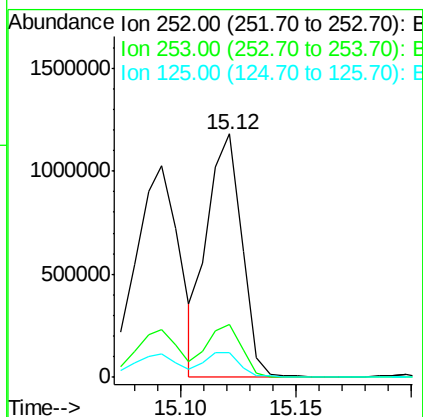
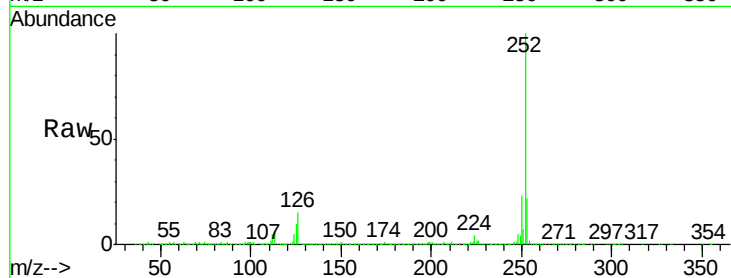




#89
Benzo(k)fluoranthene
Concen: 43.761 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

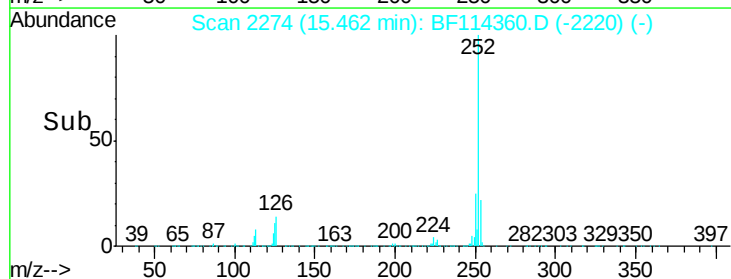
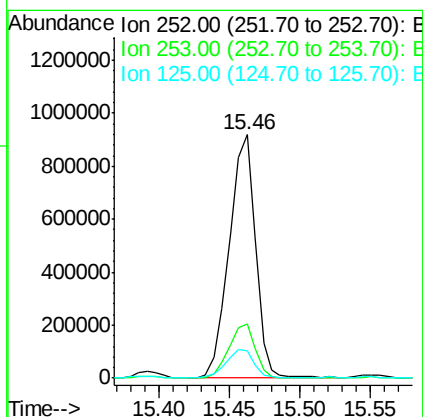
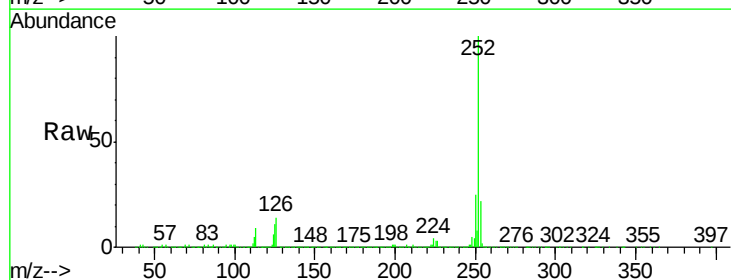
Instrument :
BNA_F
ClientSampleId :

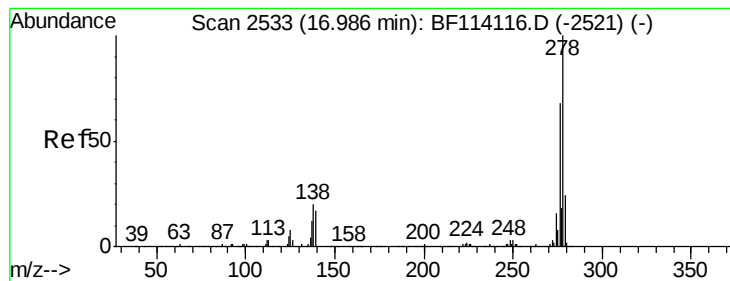
Tot Ion:252 Resp: 1226524
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 44.360 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:252 Resp: 1191174
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.968 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

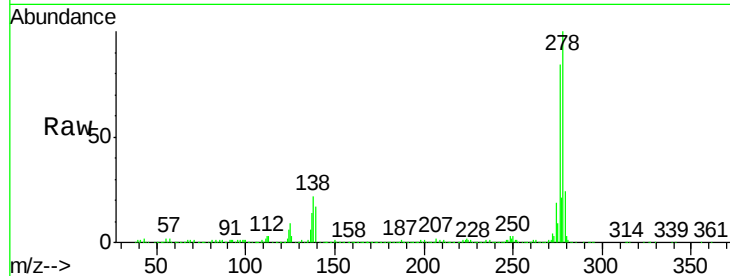
Tot Ion:278 Resp: 847195

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

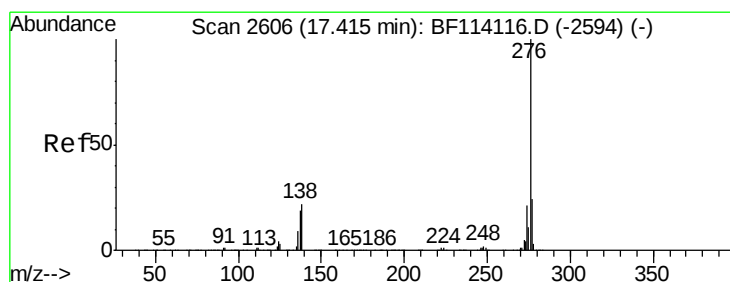
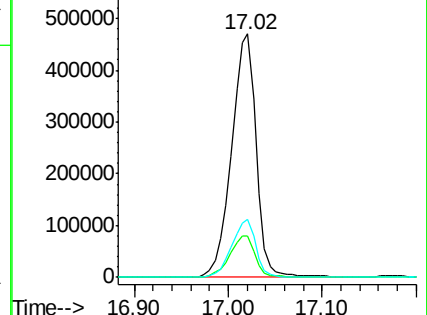
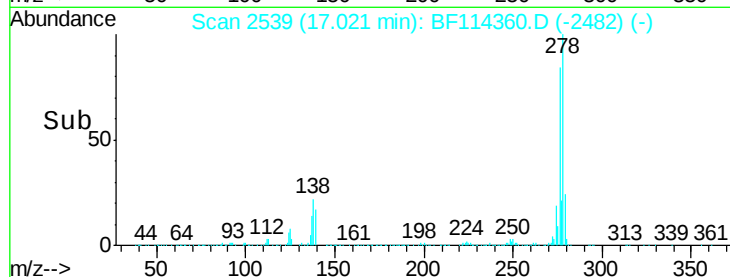
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.833 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

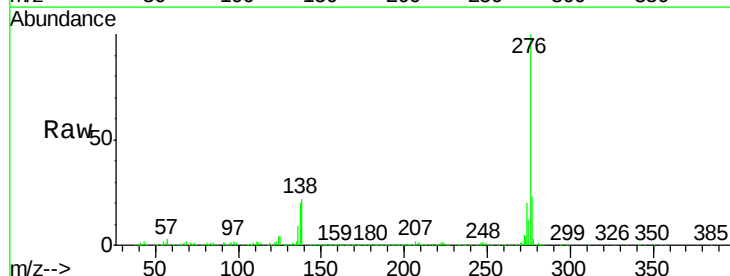
Tgt Ion:276 Resp: 801262

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 22.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

