

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114364.D
 Acq On : 17 May 2019 22:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:10:28 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	177059	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	722196	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	344437	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	664346	20.00	ng	0.00
76) Chrysene-d12	14.02	240	472091	20.00	ng	0.00
87) Perylene-d12	15.49	264	477552	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	889026	80.80	ng	-0.01
7) Phenol-d6	6.49	99	1114712	85.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1048539	81.48	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	265370	74.52	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1753259	77.00	ng	0.00
79) Terphenyl-d14	12.95	244	1795260	78.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	208640	34.500	ng	99
6) Aniline	6.51	93	758304	40.341	ng	# 75
8) 2-Chlorophenol	6.64	128	505471	43.034	ng	94
9) Benzaldehyde	6.40	77	348383	38.242	ng	99
10) Phenol	6.50	94	629560	41.126	ng	83
11) bis(2-Chloroethyl)ether	6.58	93	501263	43.132	ng	96
12) 1,3-Dichlorobenzene	6.79	146	553361	41.970	ng	98
13) 1,4-Dichlorobenzene	6.86	146	557198	41.939	ng	99
14) 1,2-Dichlorobenzene	7.02	146	516664	42.565	ng	99
15) Benzyl Alcohol	6.99	79	416707	41.058	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	929703	41.258	ng	86
17) 2-Methylphenol	7.11	107	401832	41.646	ng	96
18) Hexachloroethane	7.36	117	193385	38.777	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	335029	40.618	ng	98
20) 3+4-Methylphenols	7.26	107	506068	45.396	ng	# 72
22) Acetophenone	7.26	105	666226	41.642	ng	# 92
24) Nitrobenzene	7.43	77	540621	41.247	ng	100
25) Isophorone	7.67	82	953752	39.962	ng	99
26) 2-Nitrophenol	7.75	139	260410	40.951	ng	96
27) 2,4-Dimethylphenol	7.79	122	377748	37.823	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	635188	41.018	ng	100
29) 2,4-Dichlorophenol	7.99	162	412891	41.517	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	447583	39.578	ng	99
31) Naphthalene	8.15	128	1400947	41.528	ng	99
32) Benzoic acid	7.91	122	130134	22.622	ng	99
33) 4-Chloroaniline	8.20	127	657782	42.789	ng	98
34) Hexachlorobutadiene	8.27	225	253004	39.320	ng	99
35) Caprolactam	8.57	113	150025	46.264	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	437120	43.666	ng	100
37) 2-Methylnaphthalene	8.85	142	929230	42.693	ng	97
38) 1-Methylnaphthalene	8.94	142	874127	42.646	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	429180	41.134	ng	98
41) Hexachlorocyclopentadiene	8.99	237	8627	6.003	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	285995	39.851	ng	99

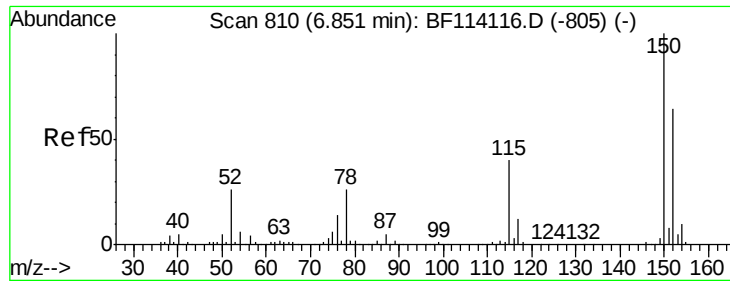
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114364.D
 Acq On : 17 May 2019 22:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:10:28 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)
44) 2,4,5-Trichlorophenol	9.17	196	293901	39.932	nq	97
46) 1,1'-Biphenyl	9.30	154	1141007	41.005	nq	98
47) 2-Chloronaphthalene	9.33	162	893841	39.914	nq	98
48) 2-Nitroaniline	9.43	65	334947	42.174	nq	98
49) Acenaphthylene	9.75	152	1393473	40.912	nq	99
50) Dimethylphthalate	9.60	163	1043185	41.257	nq	100
51) 2,6-Dinitrotoluene	9.67	165	228800	40.798	nq	97
52) Acenaphthene	9.92	154	817689	39.123	nq	99
53) 3-Nitroaniline	9.85	138	301963	43.375	nq	92
54) 2,4-Dinitrophenol	9.96	184	22712	14.120	nq	93
55) Dibenzofuran	10.09	168	1208233	39.423	nq	95
56) 4-Nitrophenol	10.02	139	172141	34.965	nq	87
57) 2,4-Dinitrotoluene	10.08	165	295408	38.808	nq	95
58) Fluorene	10.43	166	962397	40.654	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	231261	36.416	nq	99
60) Diethylphthalate	10.30	149	1040982	40.519	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	468126	40.263	nq	99
62) 4-Nitroaniline	10.46	138	316610	43.280	nq	95
63) Azobenzene	10.58	77	996735	40.082	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	48444	15.175	nq	80
66) n-Nitrosodiphenylamine	10.54	169	854995	42.404	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	304617	41.644	nq	98
68) Hexachlorobenzene	10.99	284	323446	39.971	nq	# 90
69) Atrazine	11.07	200	247711	39.478	nq	97
70) Pentachlorophenol	11.19	266	135102	35.220	nq	99
71) Phenanthrene	11.40	178	1353802	41.886	nq	98
72) Anthracene	11.45	178	1372538	42.279	nq	99
73) Carbazole	11.60	167	1327342	42.877	nq	98
74) Di-n-butylphthalate	11.92	149	1622340	45.488	nq	99
75) Fluoranthene	12.59	202	1401491	40.266	nq	99
77) Benzidine	12.70	184	863365	40.741	nq	96
78) Pyrene	12.82	202	1445668	38.067	nq	98
80) Butylbenzylphthalate	13.42	149	685340	42.874	nq	100
81) Benzo(a)anthracene	14.00	228	1298839	42.537	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	539135	45.515	nq	99
83) Chrysene	14.04	228	1250788	41.787	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	921737	44.089	nq	100
85) Di-n-octyl phthalate	14.60	149	1562090	46.092	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1047971	39.615	nq	99
88) Benzo(b)fluoranthene	15.06	252	1395012	45.597	nq	99
89) Benzo(k)fluoranthene	15.09	252	1139491	40.545	nq	99
90) Benzo(a)pyrene	15.43	252	1156660	42.957	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	876894	39.192	nq	100
92) Benzo(g,h,i)perylene	17.42	276	815317	36.362	nq	99

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

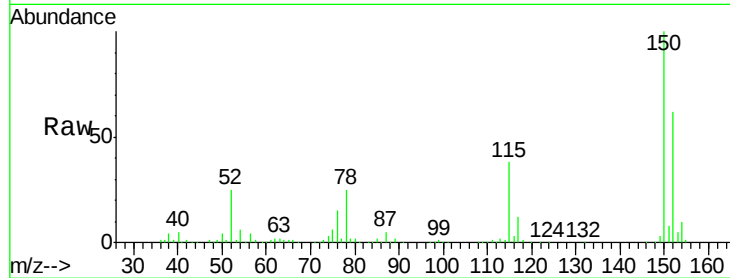


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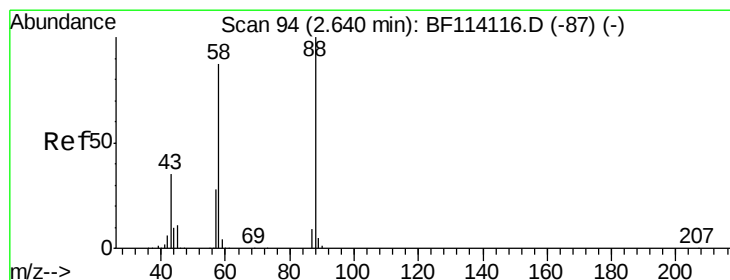
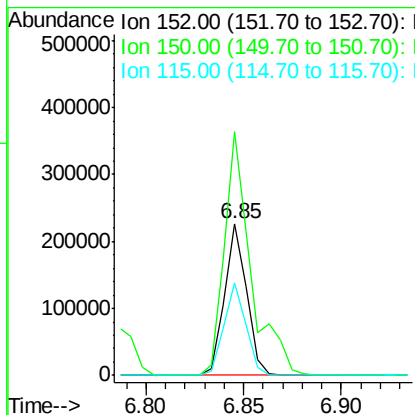
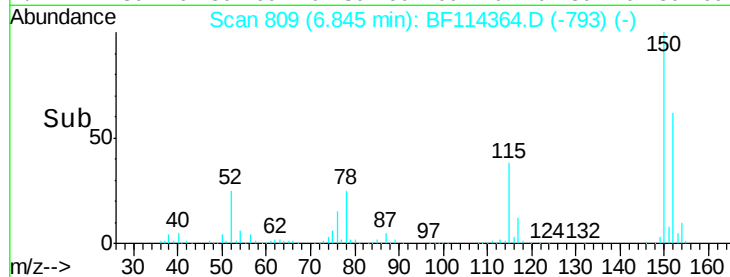
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 177059
Ion Ratio Lower Upper
152 100
150 160.6 124.3 186.5
115 60.8 49.1 73.7



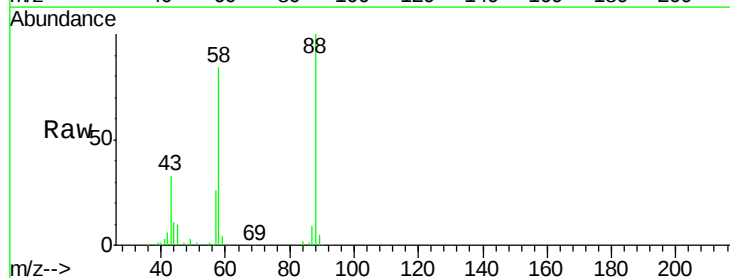
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



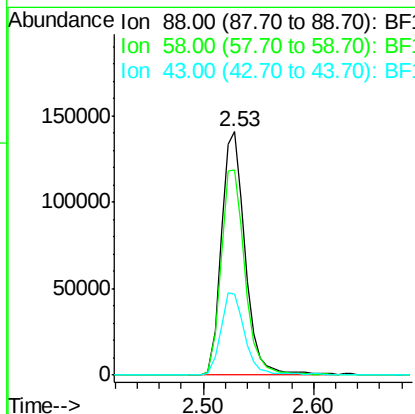
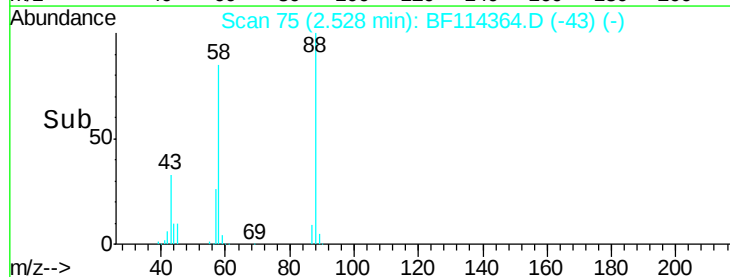
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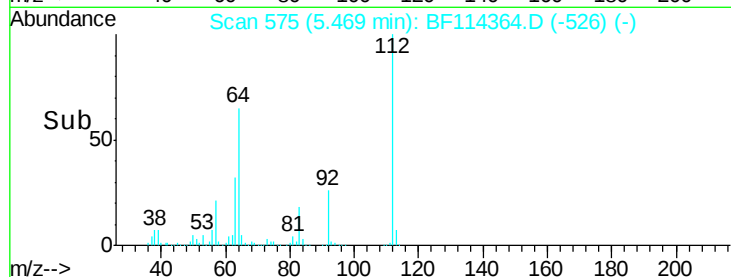
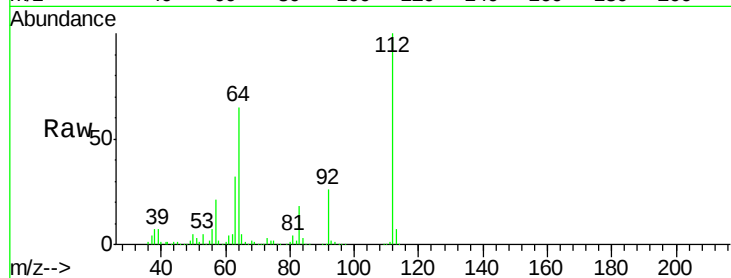
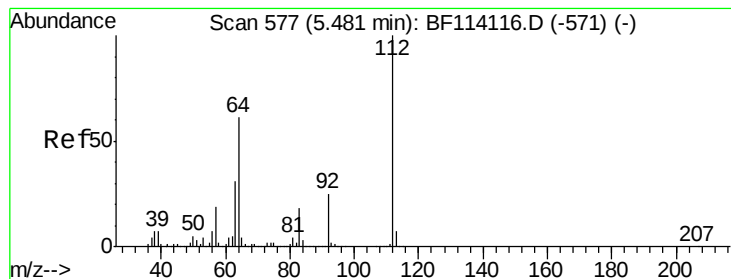
1,4-Dioxane
Concen: 34.500 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.11 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion: 88 Resp: 208640
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 33.9 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





#5

2-Fluorophenol

Concen: 80.802 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

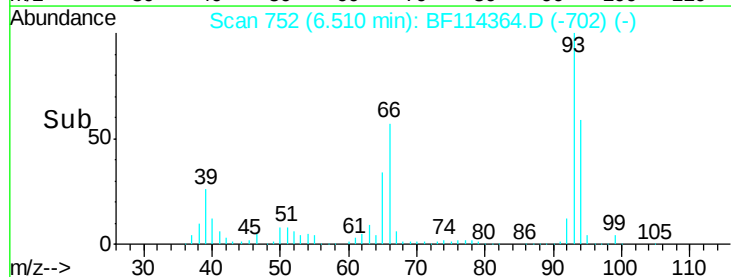
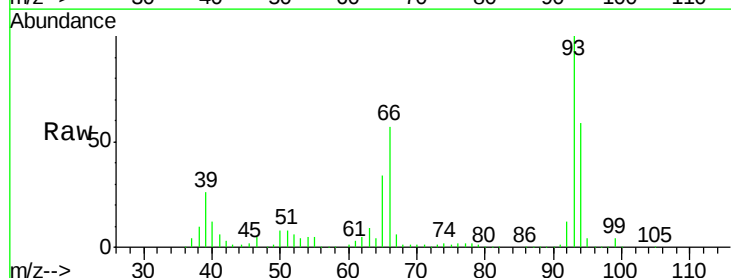
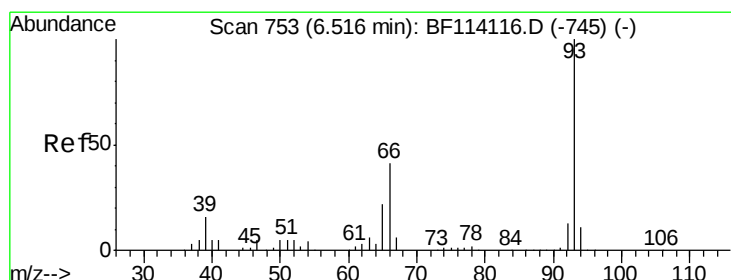
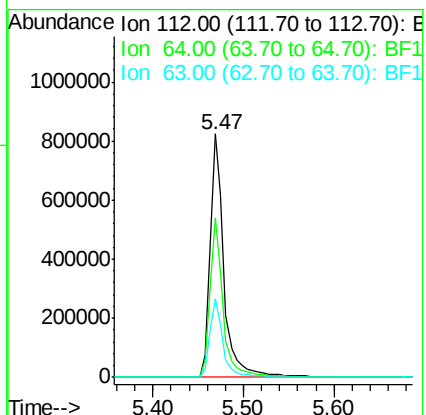
Tot Ion:112 Resp: 889026

Ion Ratio Lower Upper

112 100

64 65.1 49.0 73.6

63 32.3 24.6 37.0



#6

Aniline

Concen: 40.341 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

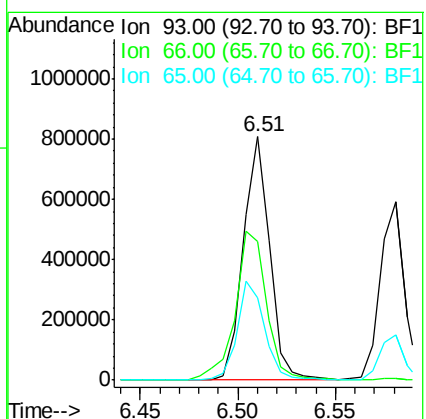
Tgt Ion: 93 Resp: 758304

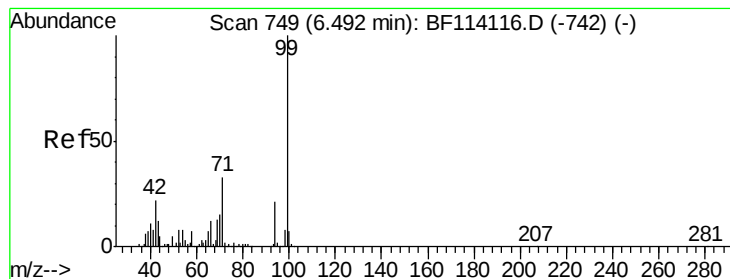
Ion Ratio Lower Upper

93 100

66 57.1 33.2 49.8#

65 33.7 17.6 26.4#





#7

Phenol-d6

Concen: 85.661 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

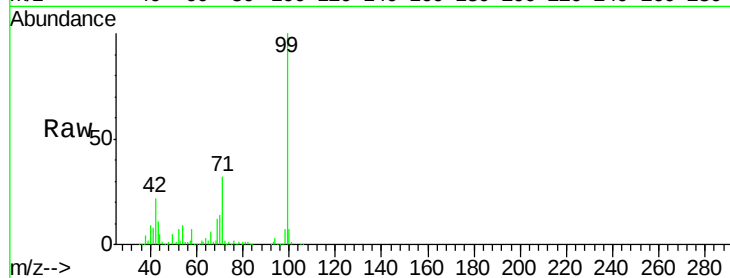
Tot Ion: 99 Resp: 1114712

Ion Ratio Lower Upper

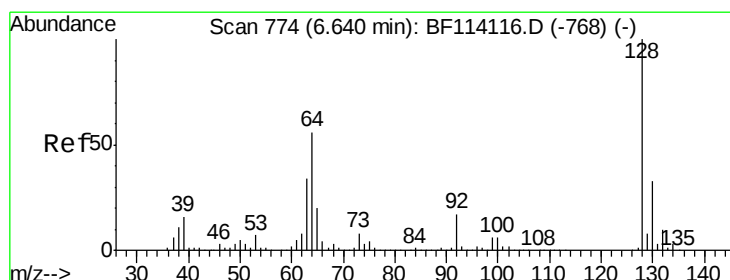
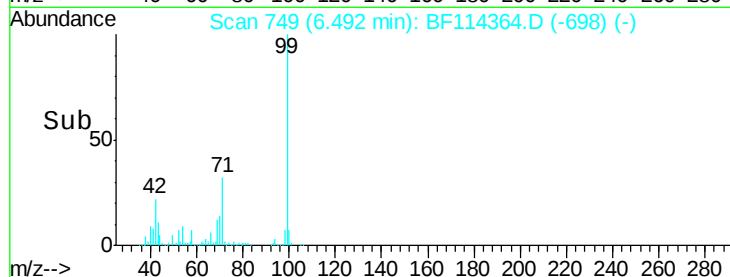
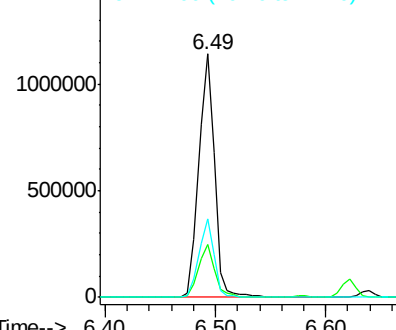
99 100

42 21.6 17.9 26.9

71 32.0 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: 43.034 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

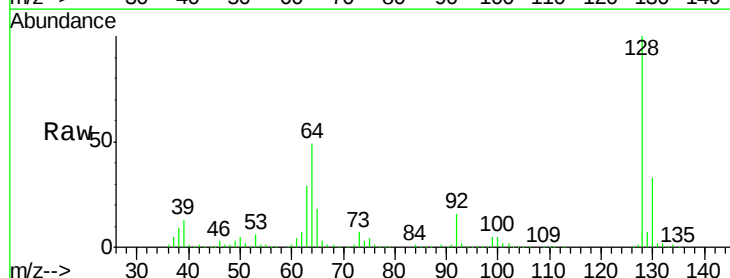
Tgt Ion: 128 Resp: 505471

Ion Ratio Lower Upper

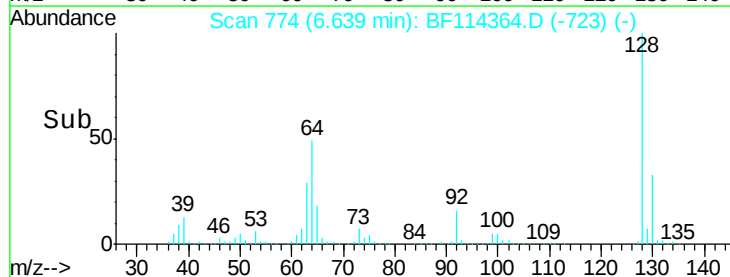
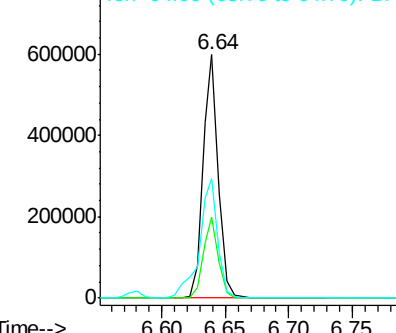
128 100

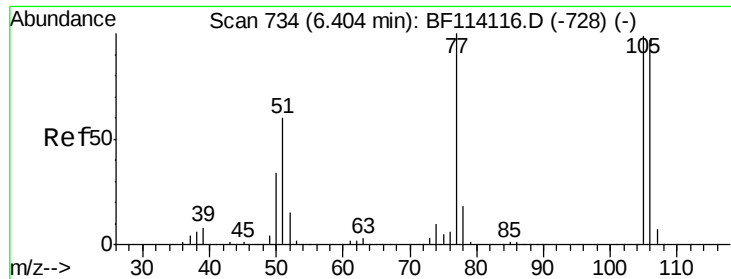
130 33.1 12.6 52.6

64 49.0 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

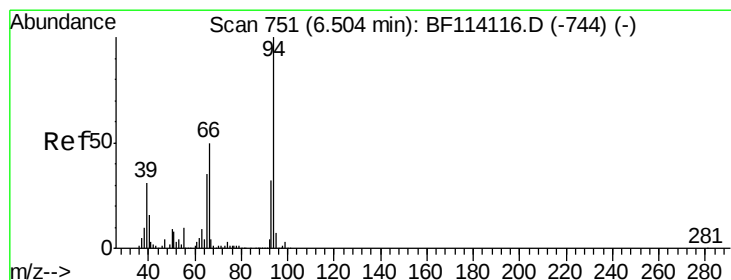
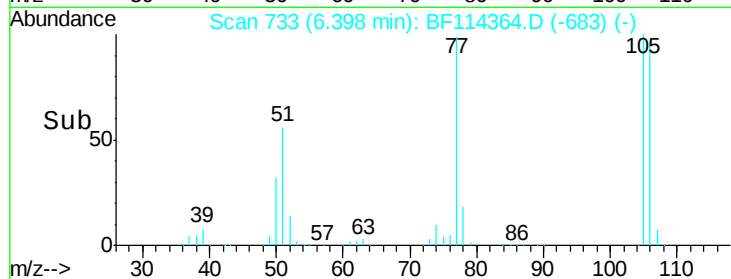
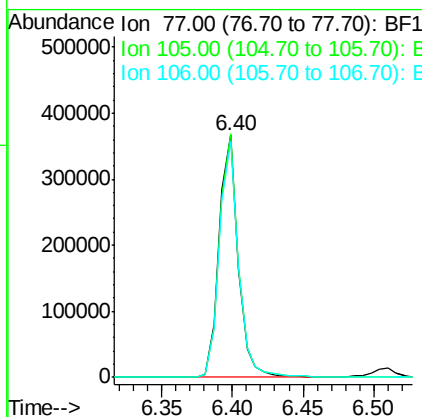
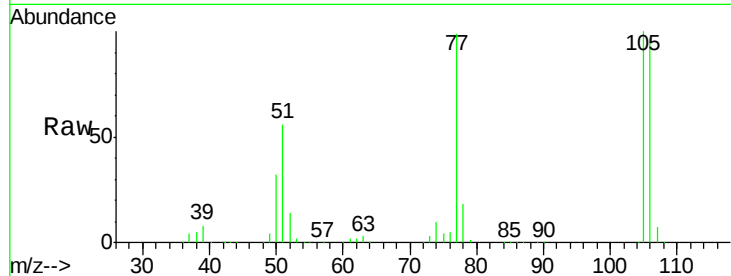




#9
Benzaldehyde
Concen: 38.242 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

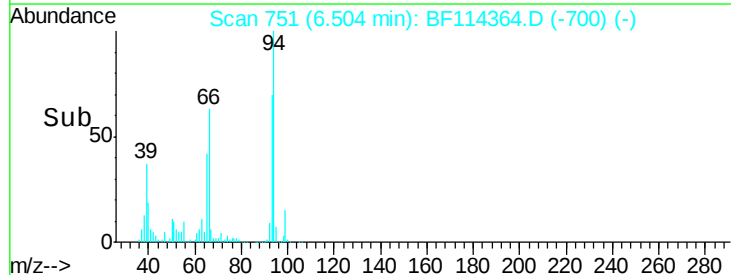
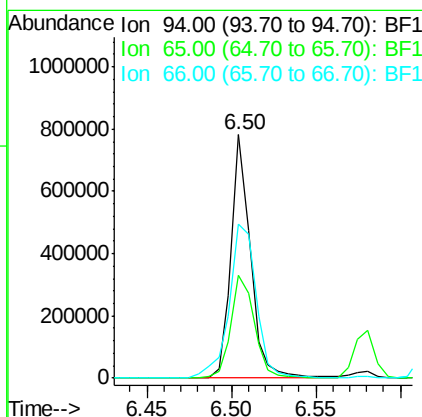
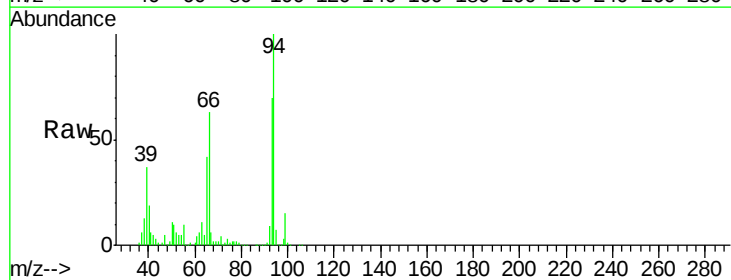
Instrument :
BNA_F
ClientSampleId :

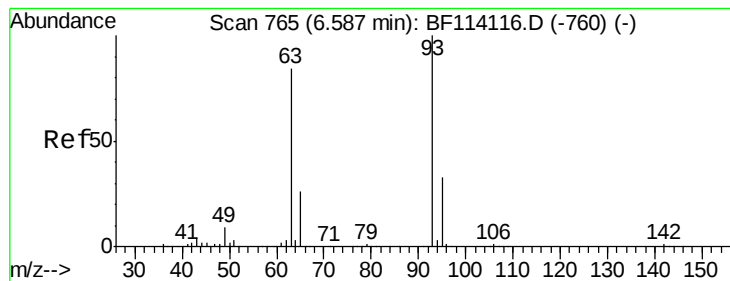
Tot Ion: 77 Resp: 348383
Ion Ratio Lower Upper
77 100
105 100.5 79.3 119.3
106 97.4 77.0 117.0



#10
Phenol
Concen: 41.126 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion: 94 Resp: 629560
Ion Ratio Lower Upper
94 100
65 42.0 14.7 54.7
66 63.0 29.6 69.6

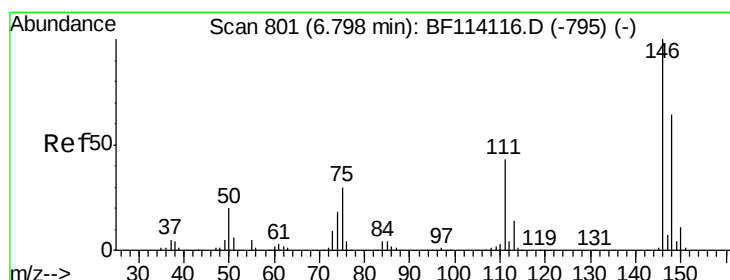
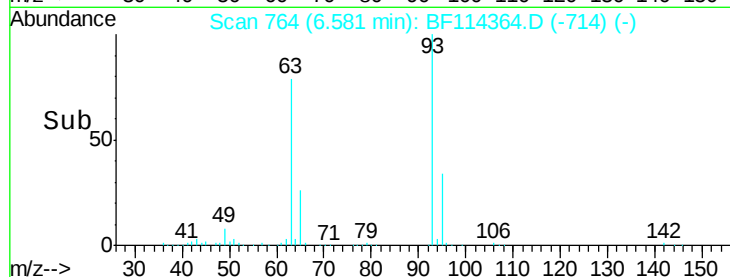
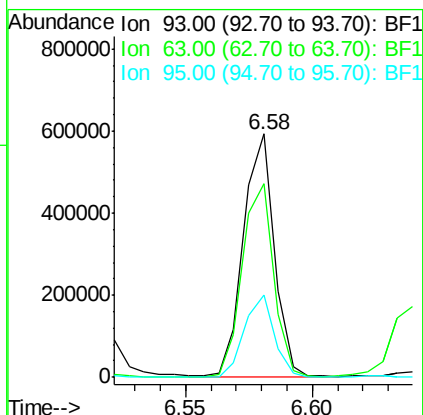
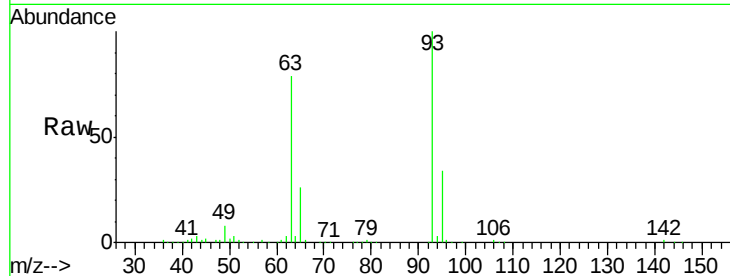




#11
bis(2-Chloroethyl)ether
Concen: 43.132 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

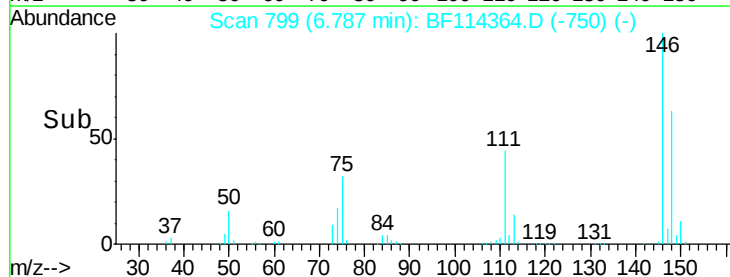
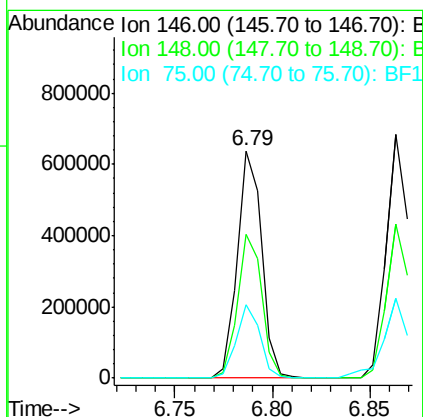
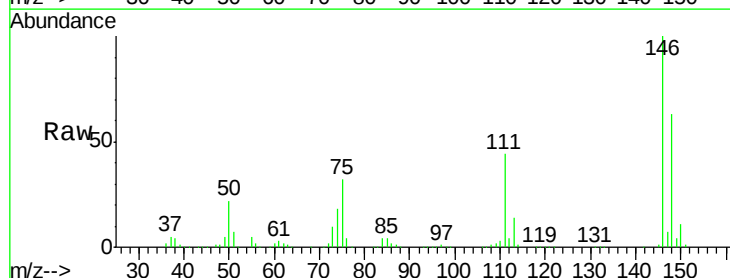
Instrument :
BNA_F
ClientSampleId :

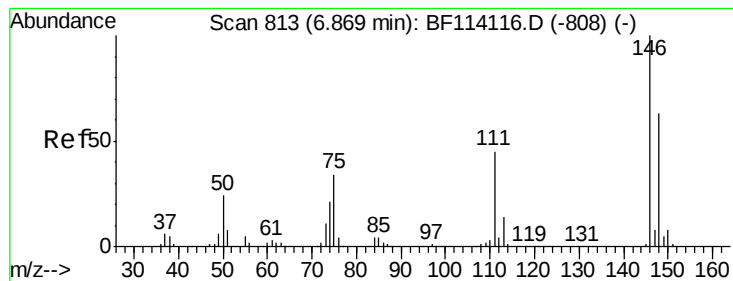
Tot Ion: 93 Resp: 501263
Ion Ratio Lower Upper
93 100
63 79.5 63.6 103.6
95 33.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 41.970 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion: 146 Resp: 553361
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
75 32.3 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 41.939 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

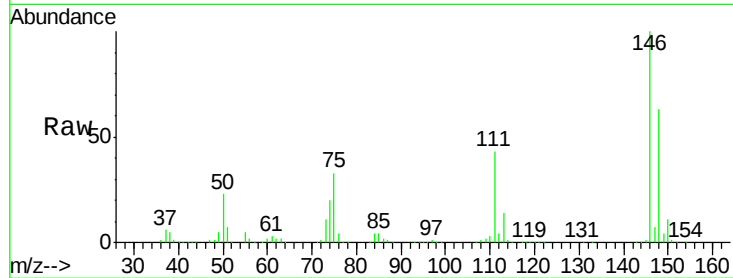
Tot Ion:146 Resp: 557198

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

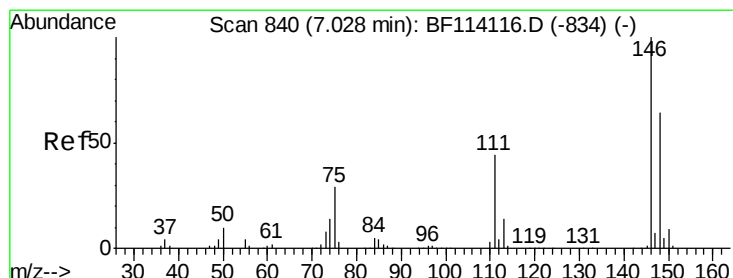
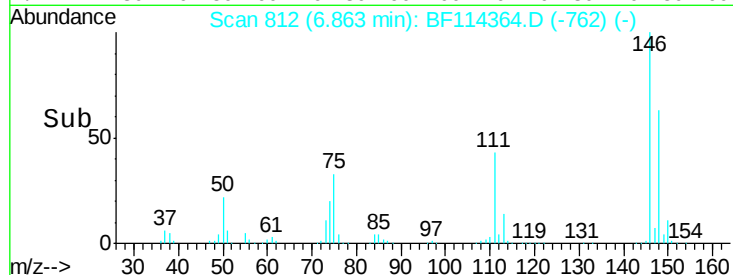
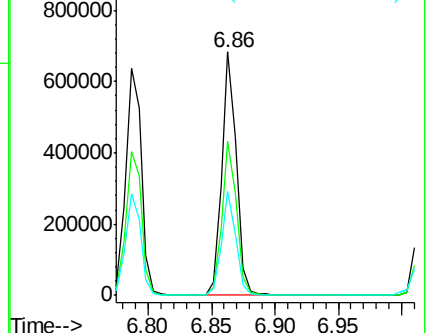
111 43.0 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.565 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

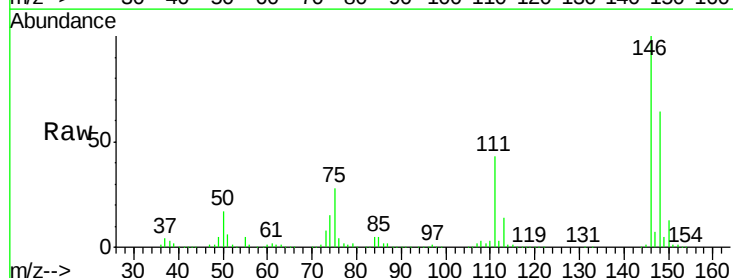
Tgt Ion:146 Resp: 516664

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

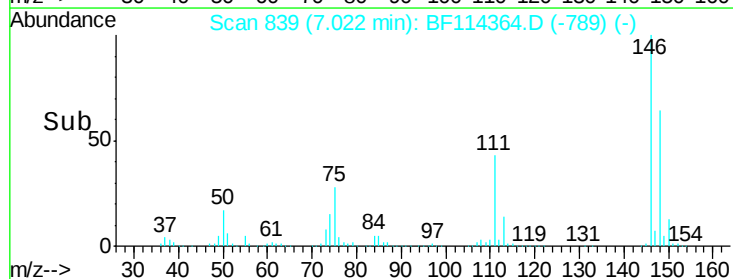
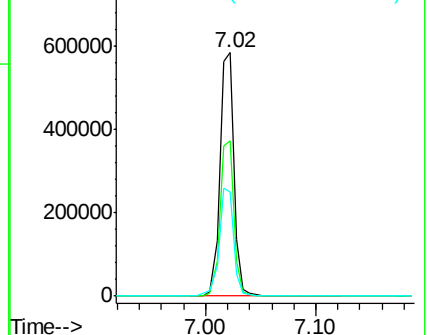
111 42.9 35.3 52.9

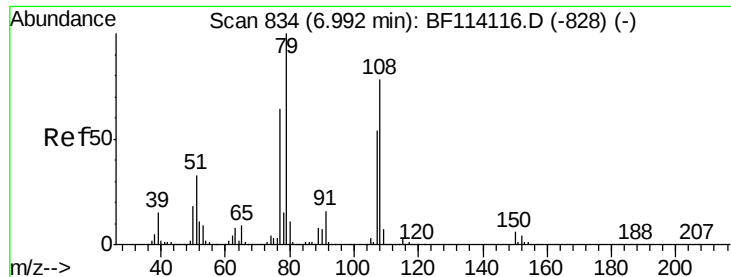


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.058 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

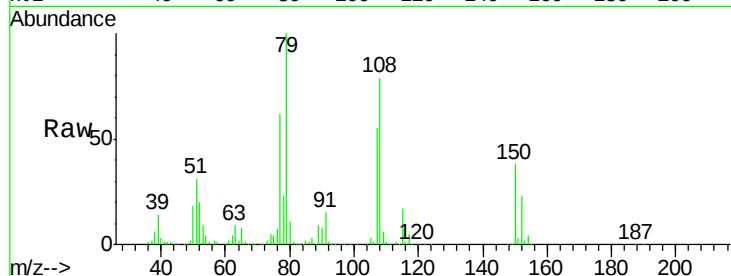
Tot Ion: 79 Resp: 416707

Ion Ratio Lower Upper

79 100

108 79.3 62.1 93.1

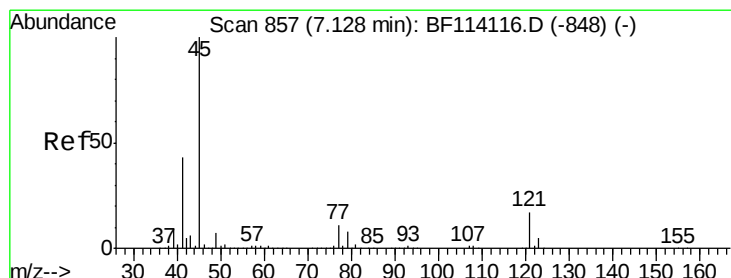
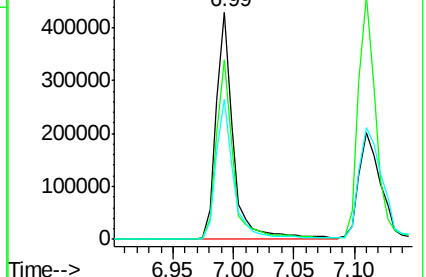
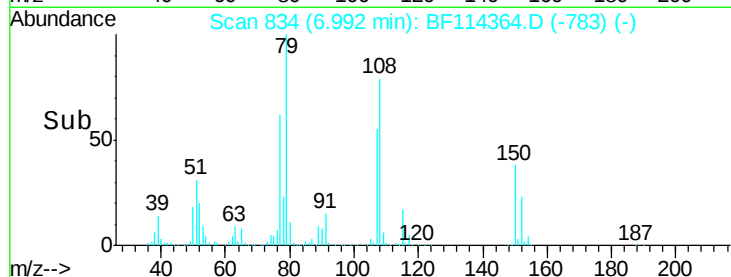
77 61.5 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.258 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

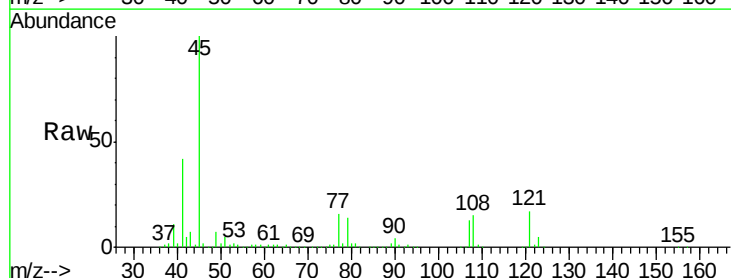
Tgt Ion: 45 Resp: 929703

Ion Ratio Lower Upper

45 100

77 16.2 0.0 31.1

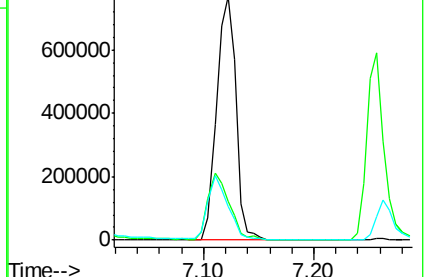
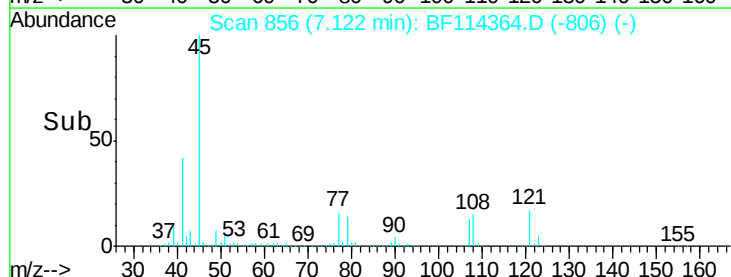
79 13.8 0.0 28.4

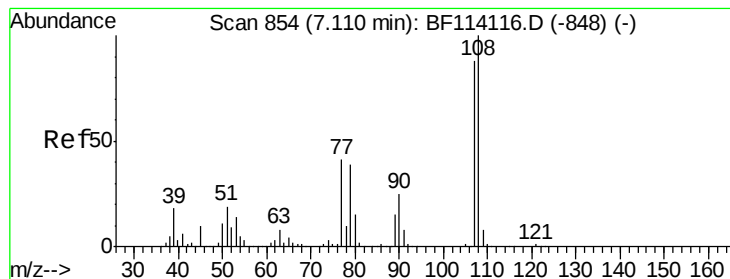


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.646 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 401832

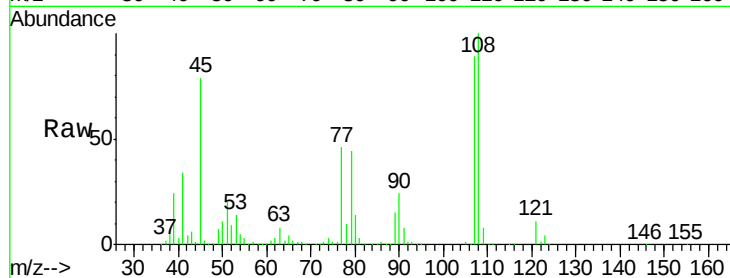
Ion Ratio Lower Upper

107 100

108 113.0 90.5 135.7

77 52.1 37.0 55.4

79 49.5 35.8 53.8

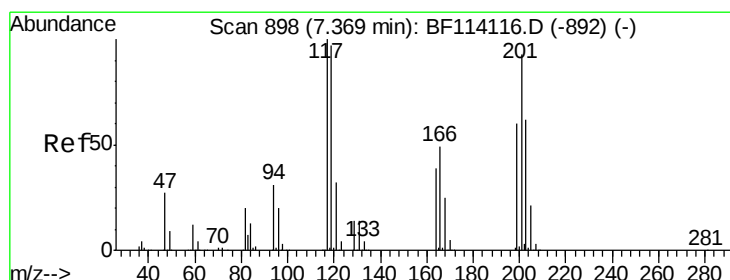
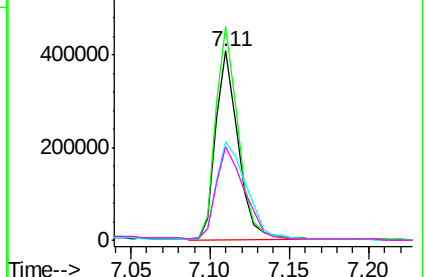
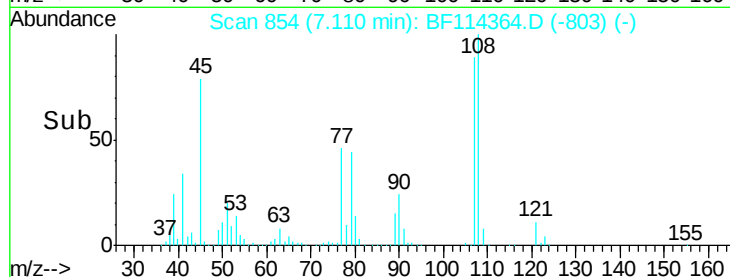


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.777 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

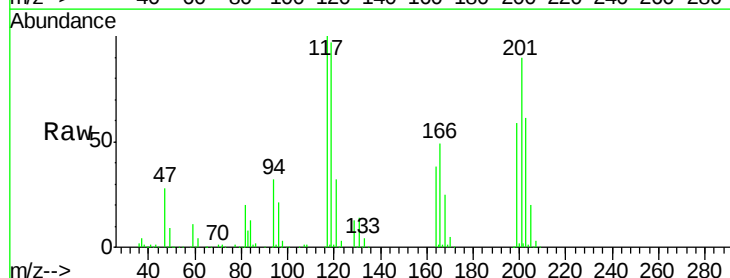
Tgt Ion:117 Resp: 193385

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.2

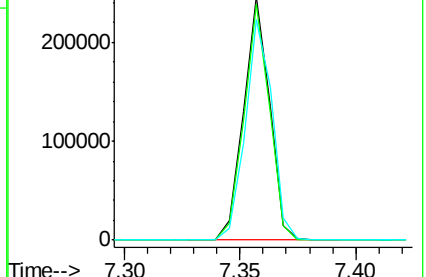
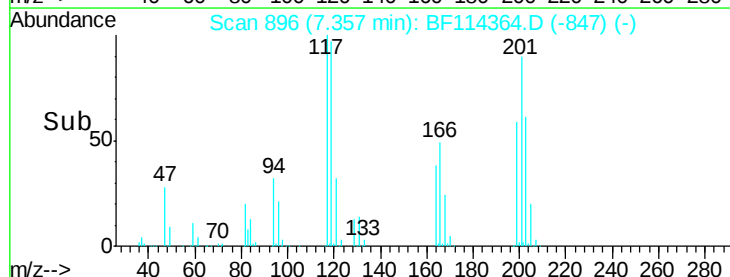
201 90.4 74.5 111.7

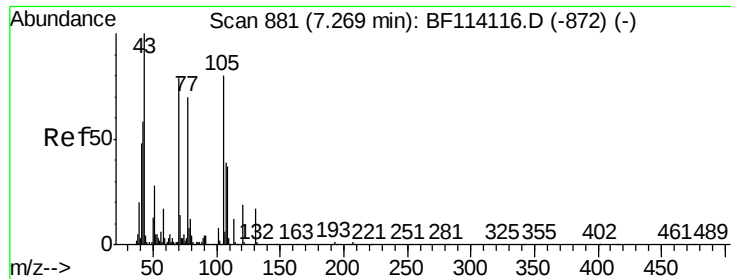


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

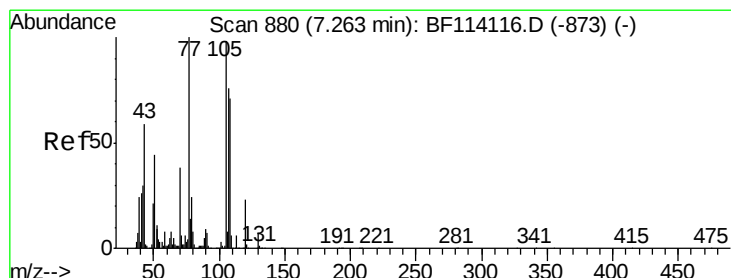
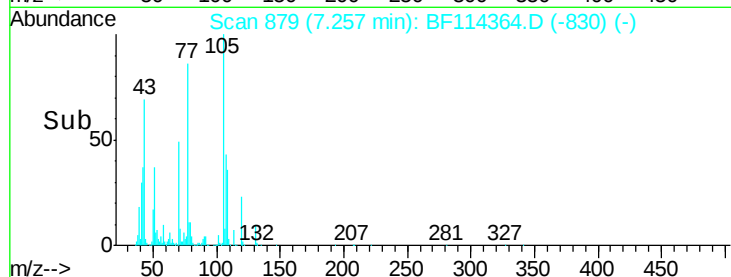
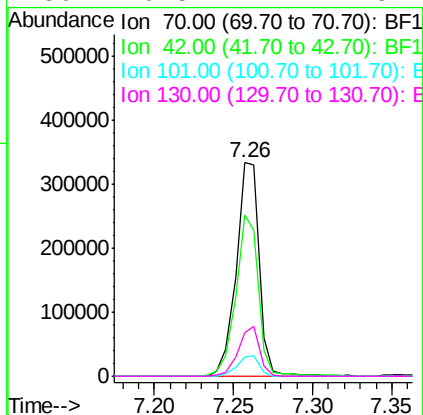
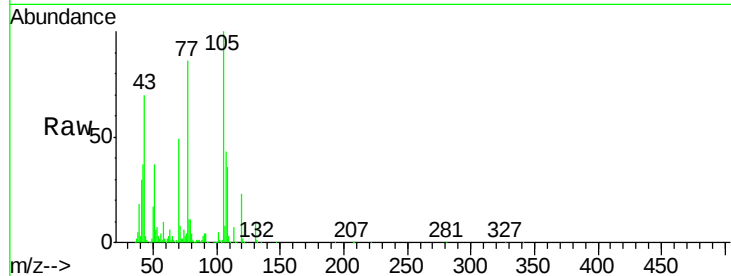




#19
n-Nitroso-di-n-propylamine
Concen: 40.618 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

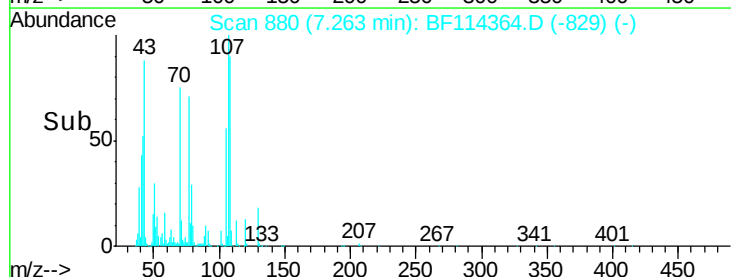
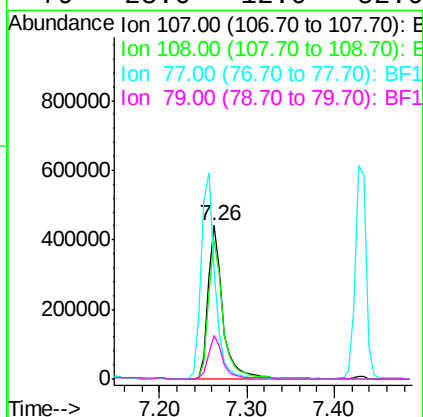
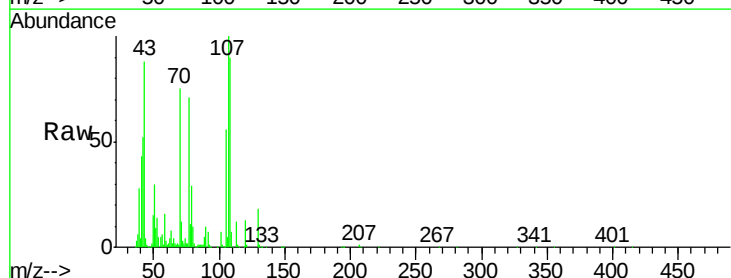
Instrument :
BNA_F
ClientSampleId :

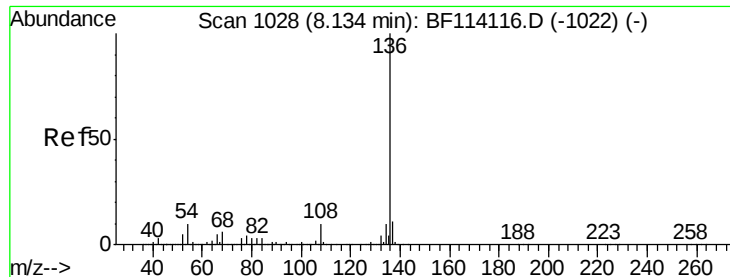
Tot Ion:	70	Resp:	335029
Ion	Ratio	Lower	Upper
70	100		
42	75.6	58.6	87.8
101	9.2	7.8	11.8
130	20.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 45.396 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:	107	Resp:	506068
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.8	113.8
77	71.4	111.5	151.5#
79	28.6	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: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 722196

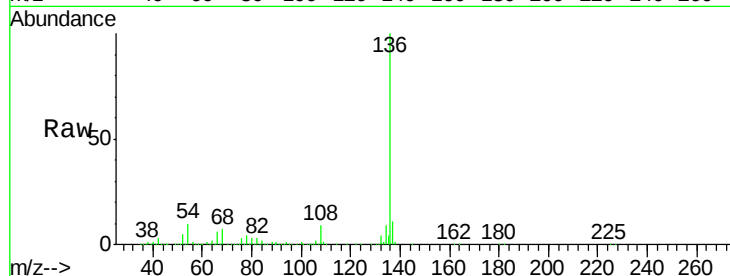
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.8 7.8 11.8

68 6.7 5.1 7.7

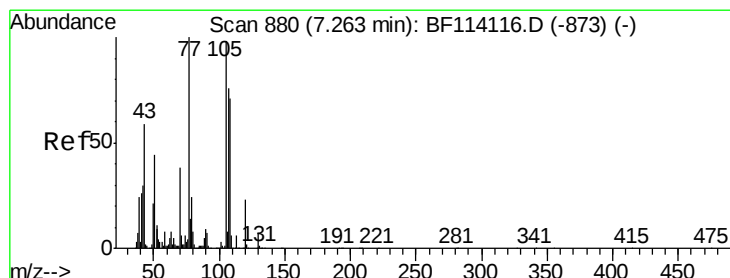
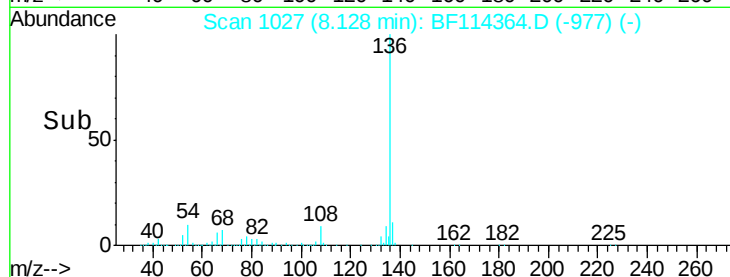
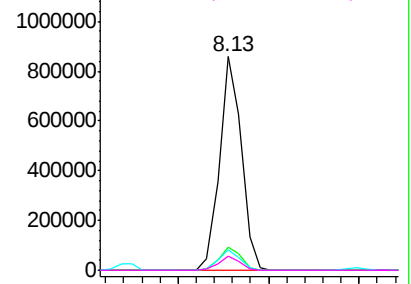


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.642 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:105 Resp: 666226

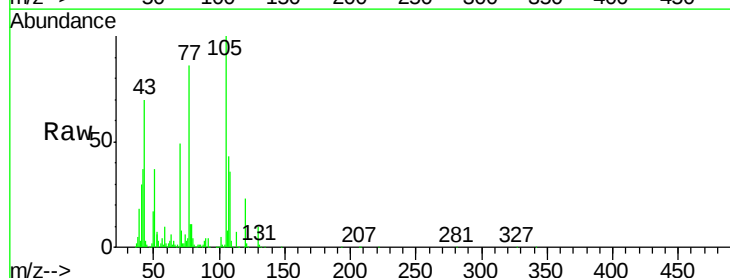
Ion Ratio Lower Upper

105 100

71 8.0 5.3 7.9#

51 37.3 36.2 54.4

120 22.7 18.6 28.0

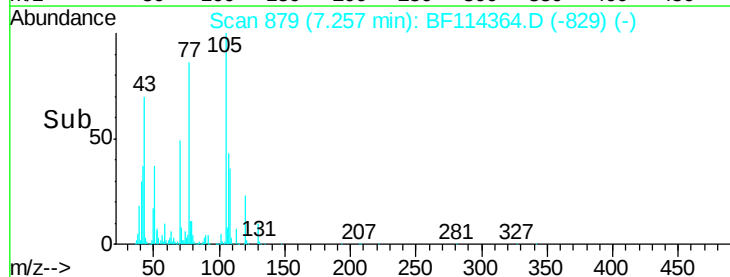
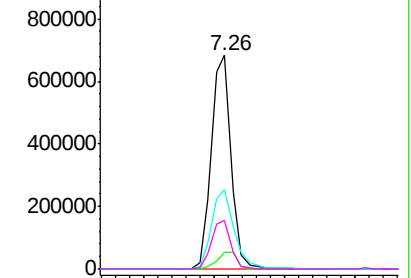


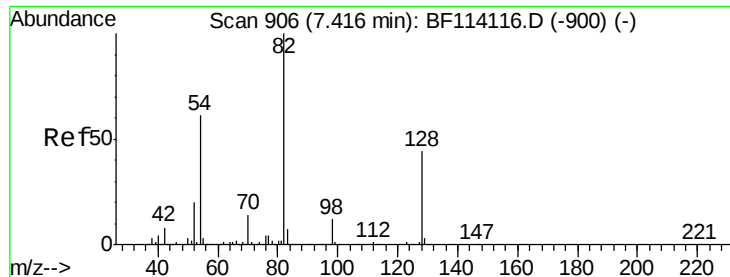
Abundance Ion 105.00 (104.70 to 105.70): E

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

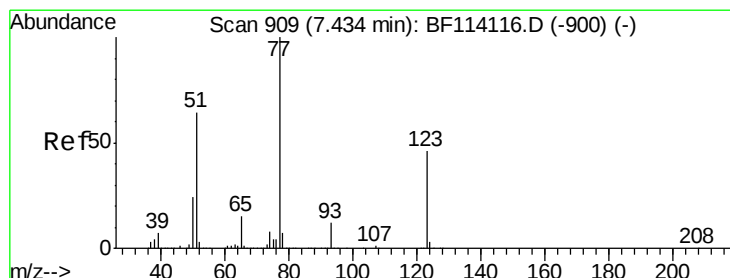
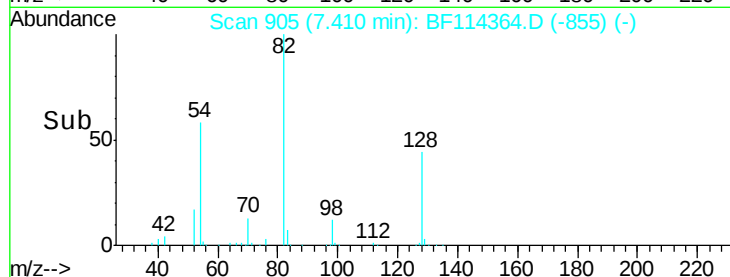
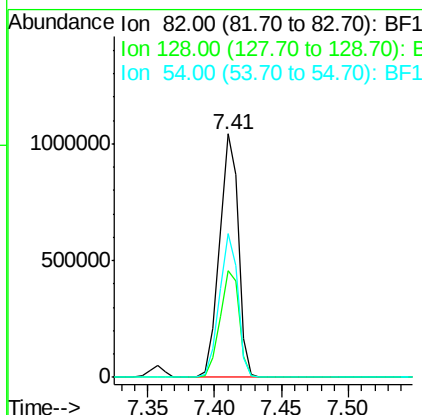
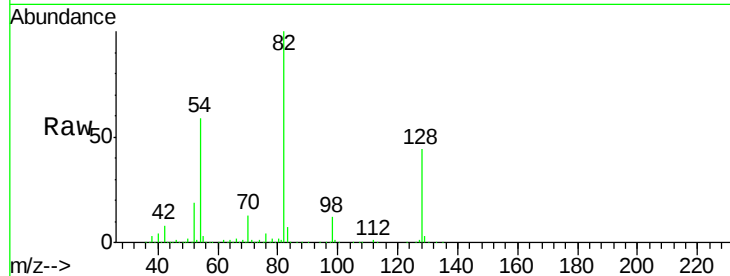




#23
 Nitrobenzene-d5
 Concen: 81.479 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

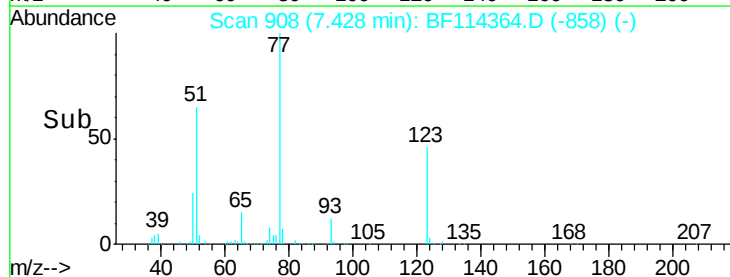
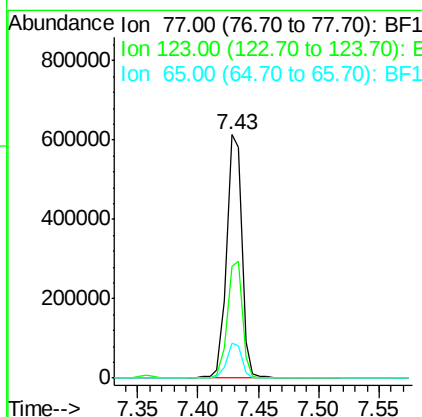
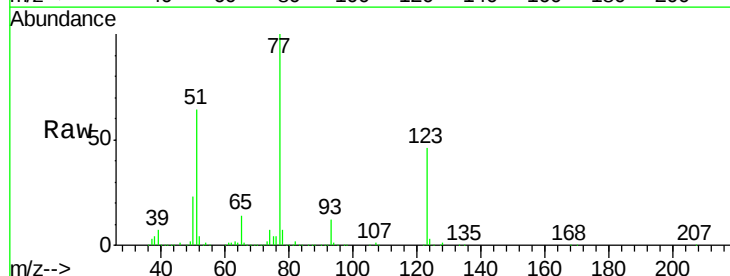
Instrument :
 BNA_F
 ClientSampleId :

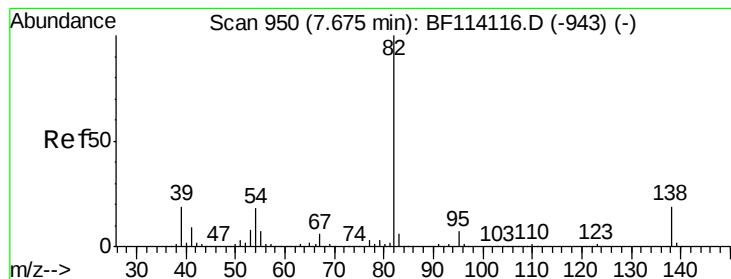
Tot Ion: 82 Resp: 1048539
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.5 53.3
 54 59.0 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.247 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion: 77 Resp: 540621
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.9 55.3
 65 14.4 11.8 17.6





#25

Isophorone

Concen: 39.962 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

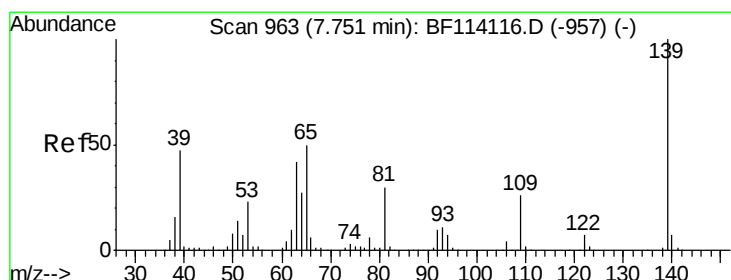
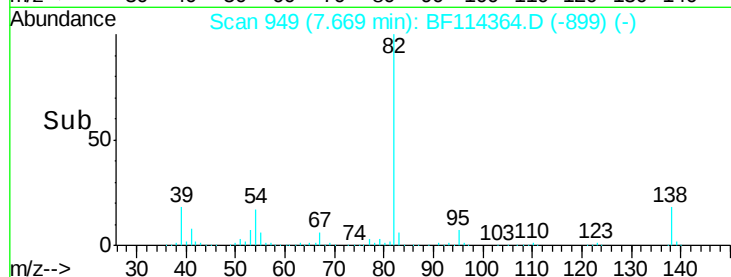
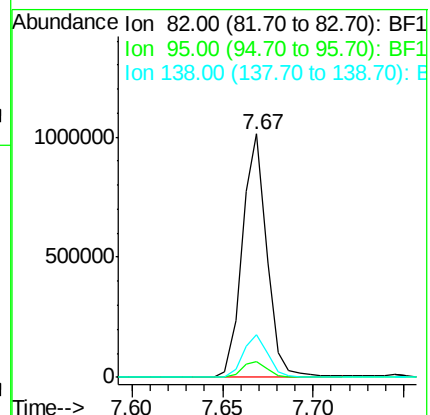
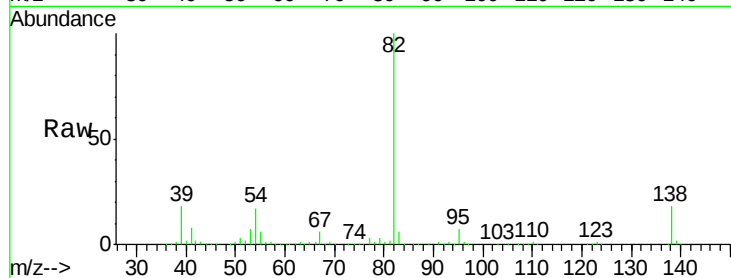
Tot Ion: 82 Resp: 953752

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.8 14.8 22.2



#26

2-Nitrophenol

Concen: 40.951 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

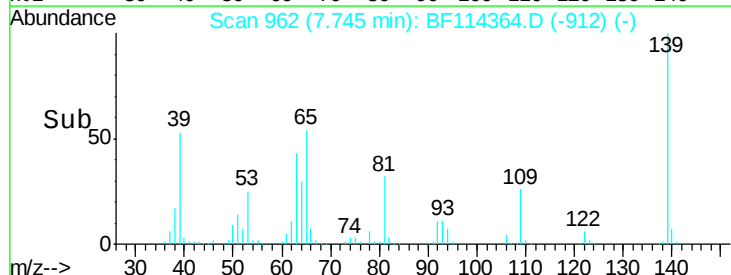
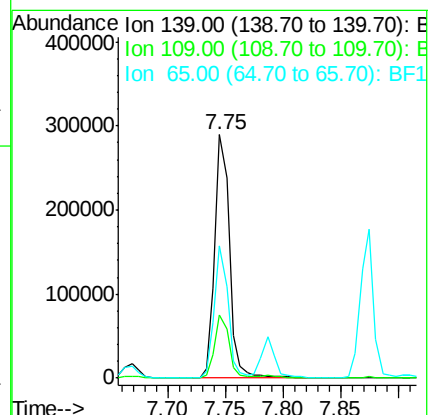
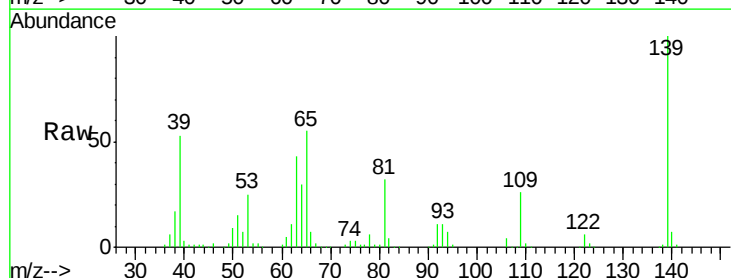
Tgt Ion: 139 Resp: 260410

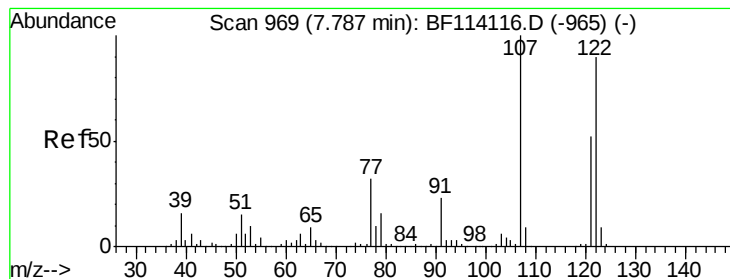
Ion Ratio Lower Upper

139 100

109 25.9 20.7 31.1

65 54.5 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 37.823 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

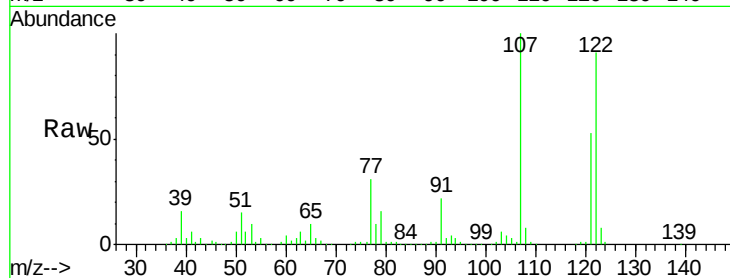
Tot Ion:122 Resp: 377748

Ion Ratio Lower Upper

122 100

107 110.2 88.4 132.6

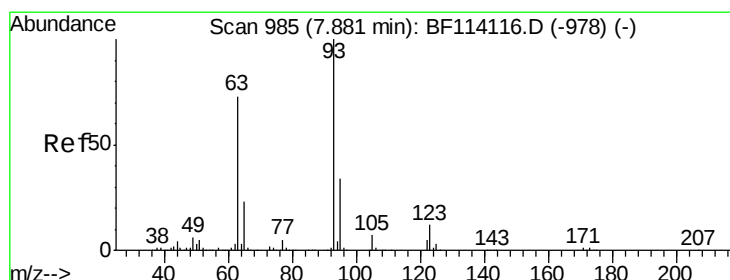
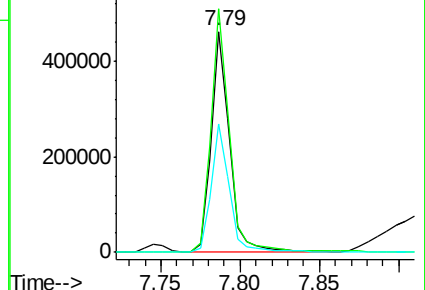
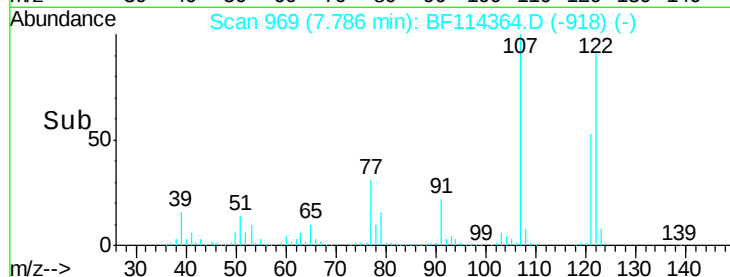
121 57.9 45.9 68.9



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: 41.018 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

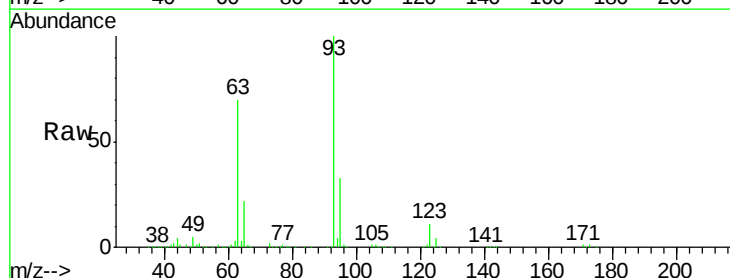
Tgt Ion: 93 Resp: 635188

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

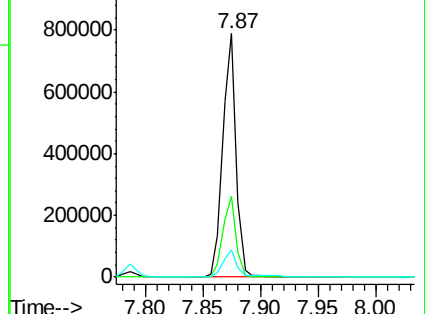
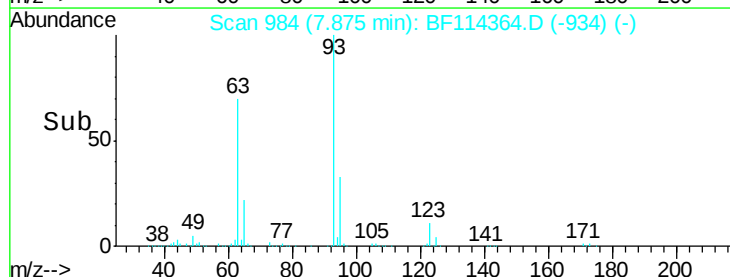
123 11.4 9.5 14.3

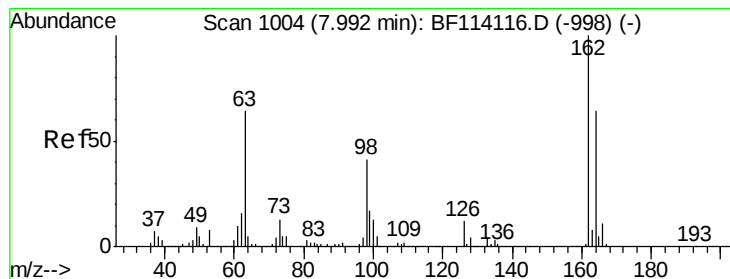


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.517 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

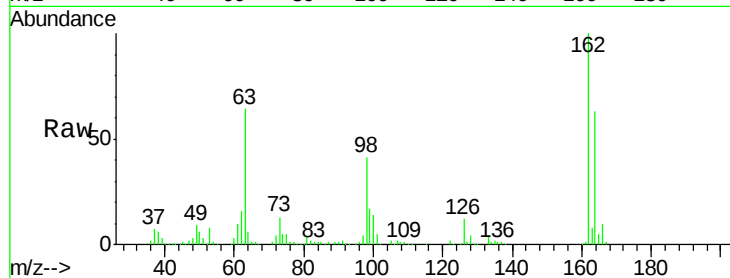
Tot Ion:162 Resp: 412891

Ion Ratio Lower Upper

162 100

164 62.8 43.6 83.6

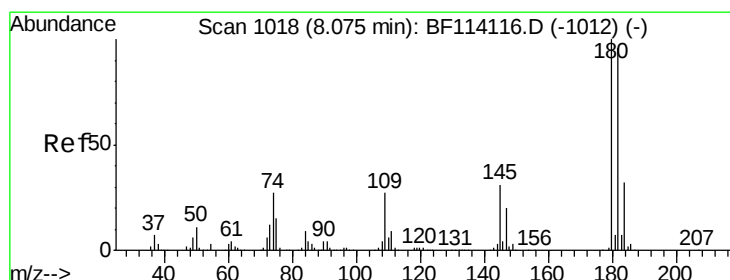
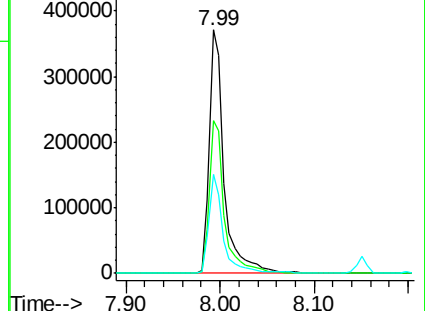
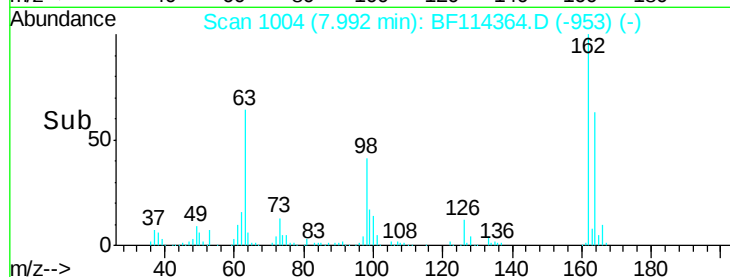
98 40.8 20.6 60.6



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: 39.578 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

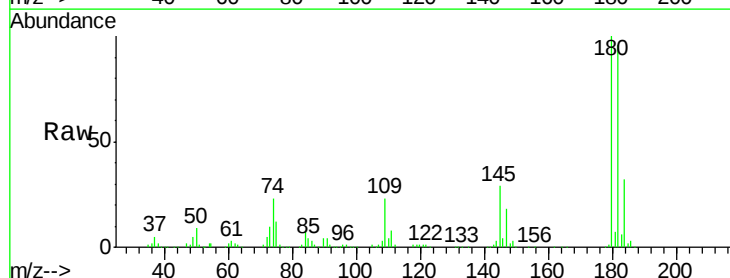
Tgt Ion:180 Resp: 447583

Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

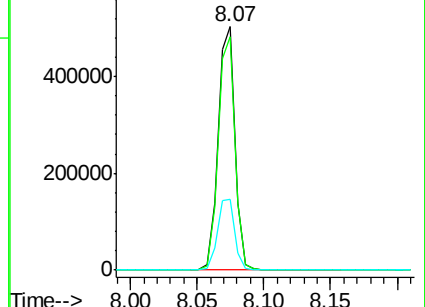
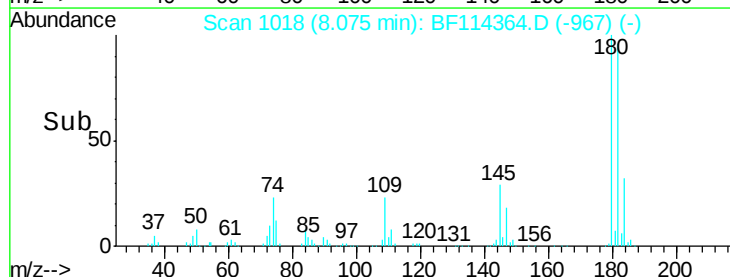
145 28.9 25.1 37.7

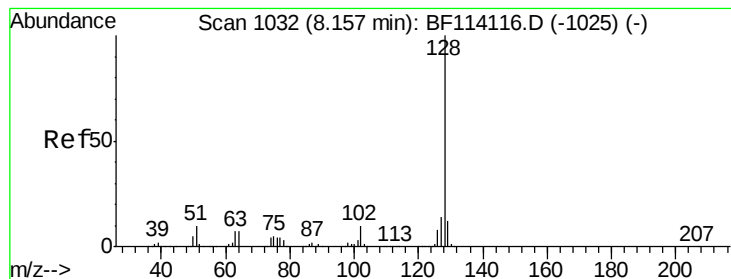


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.528 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

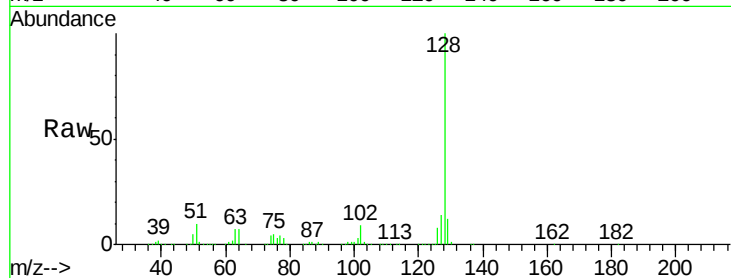
Tot Ion:128 Resp: 1400947

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

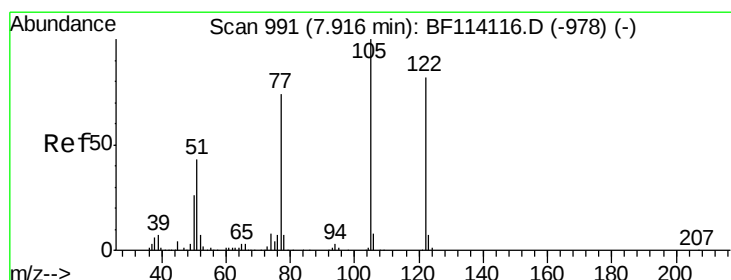
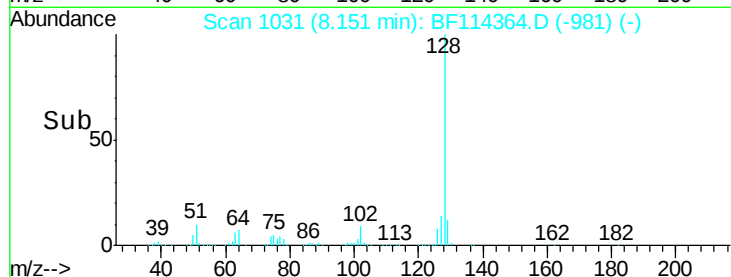
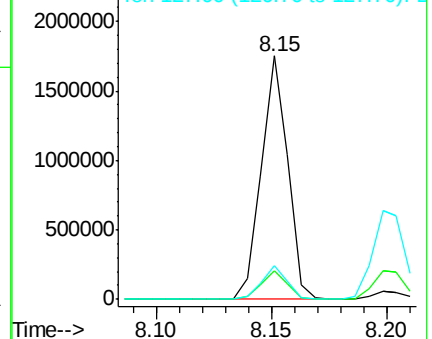
127 13.6 11.3 16.9



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: 22.622 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

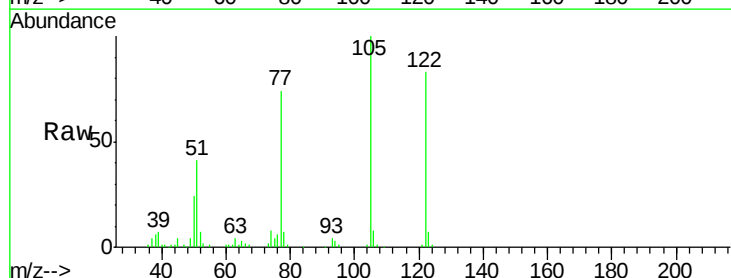
Tgt Ion:122 Resp: 130134

Ion Ratio Lower Upper

122 100

105 120.1 99.9 139.9

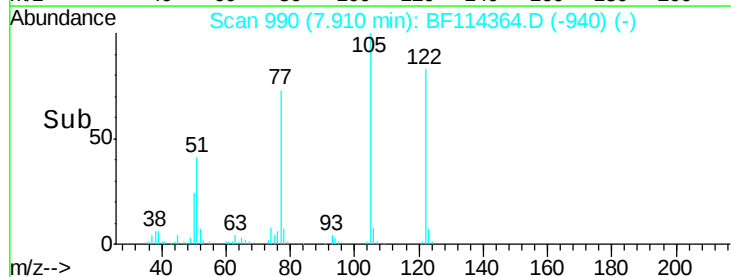
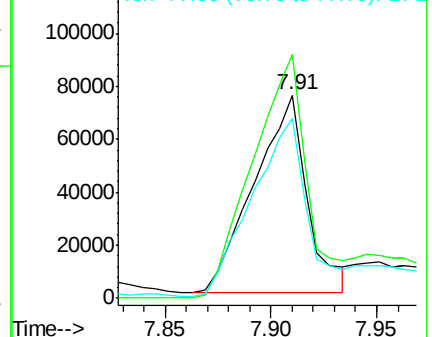
77 88.5 69.4 109.4

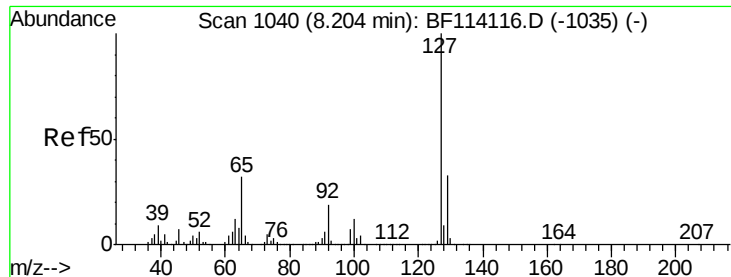


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

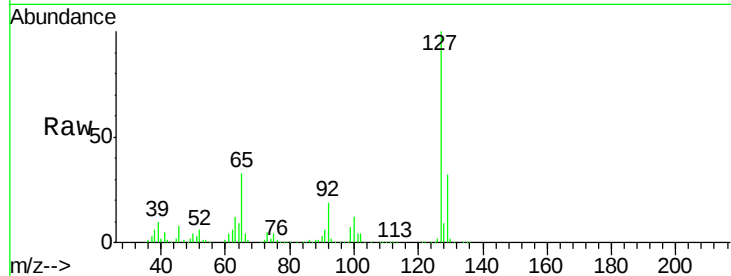




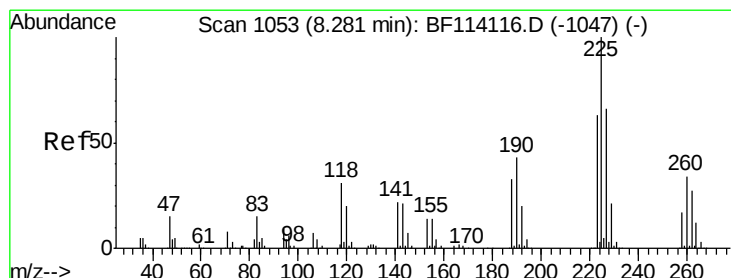
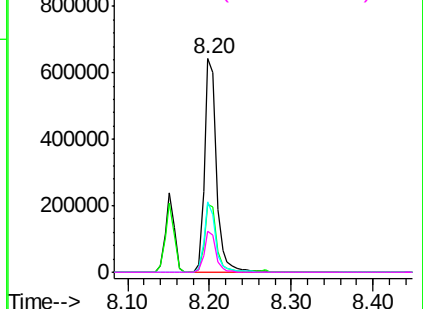
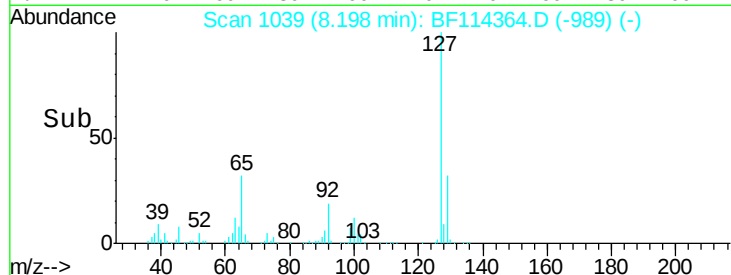
#33
4-Chloroaniline
Concen: 42.789 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	657782
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	33.0	25.4	38.0
92	19.3	15.4	23.2

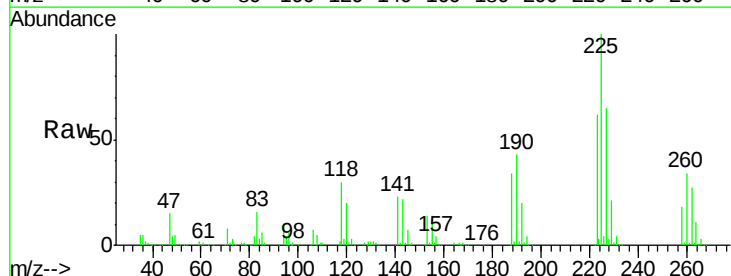


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

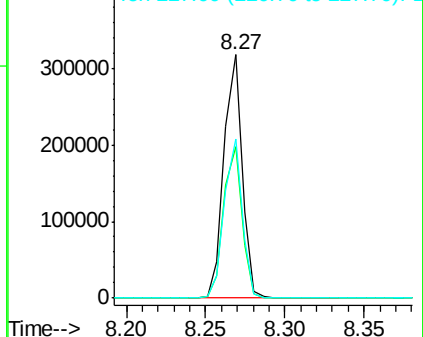
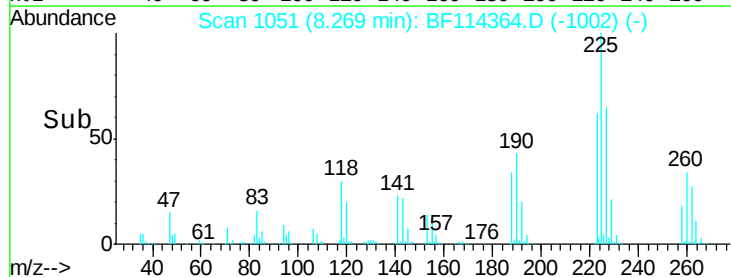


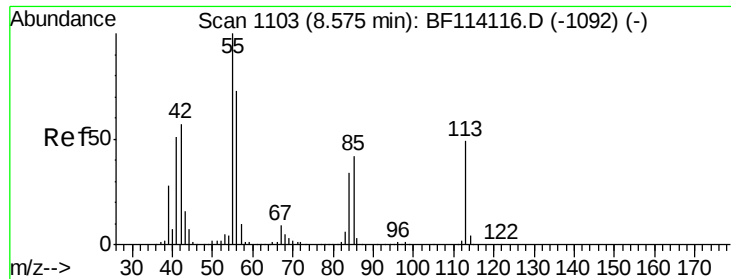
#34
Hexachlorobutadiene
Concen: 39.320 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:	225	Resp:	253004
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	65.5	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

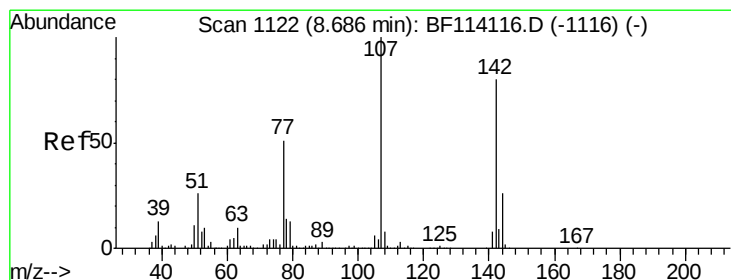
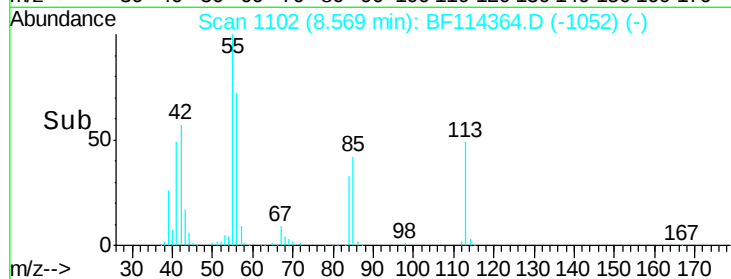
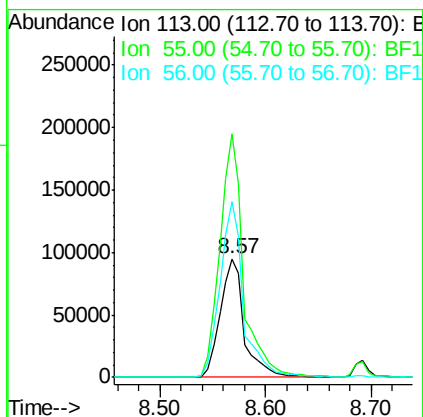
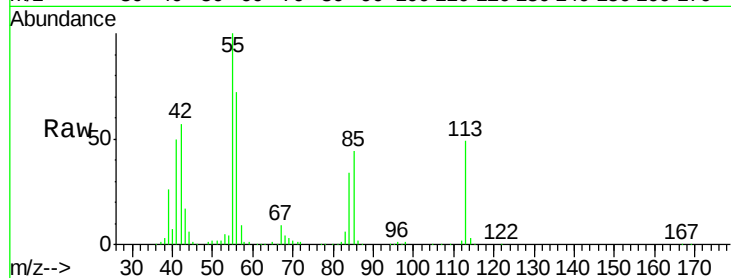




#35
Caprolactam
Concen: 46.264 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

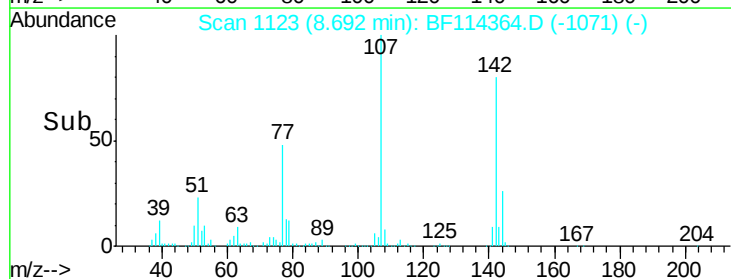
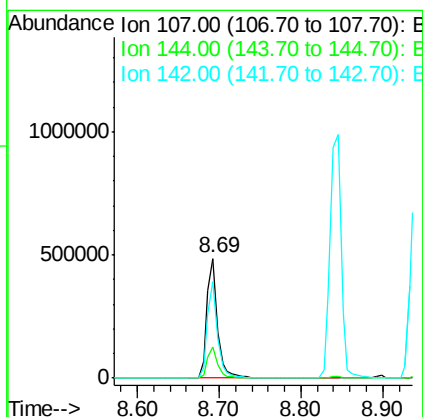
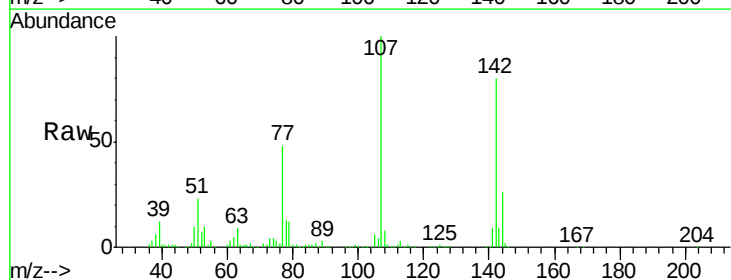
Instrument :
BNA_F
ClientSampleId :

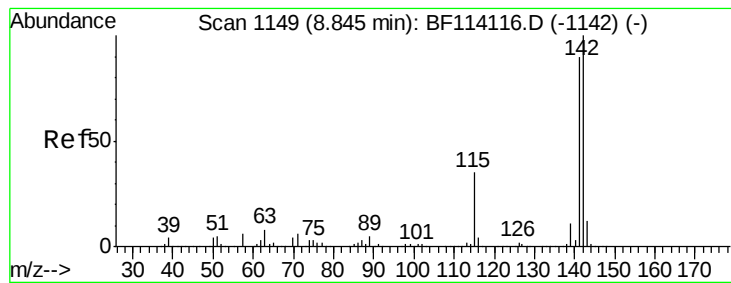
Tot Ion:113 Resp: 150025
Ion Ratio Lower Upper
113 100
55 205.0 183.5 223.5
56 147.5 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 43.666 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:107 Resp: 437120
Ion Ratio Lower Upper
107 100
144 26.3 20.4 30.6
142 80.3 64.2 96.4

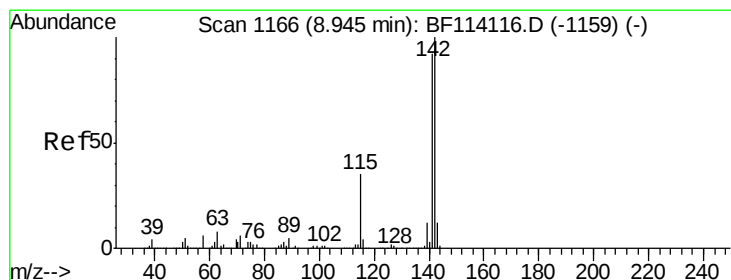
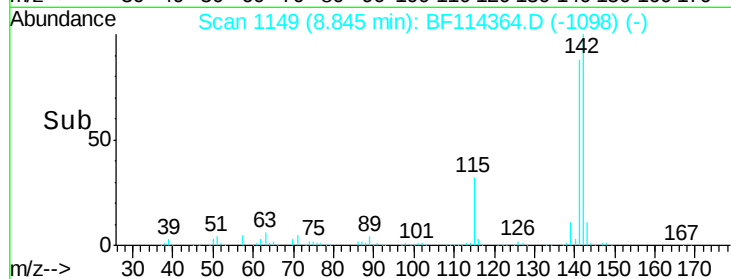
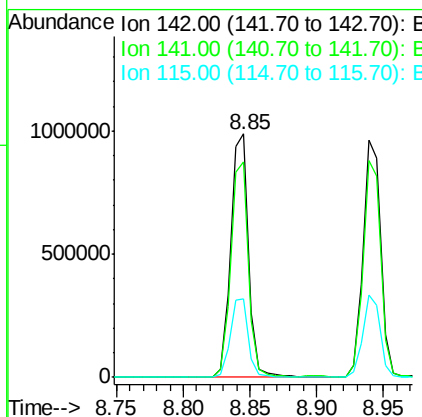
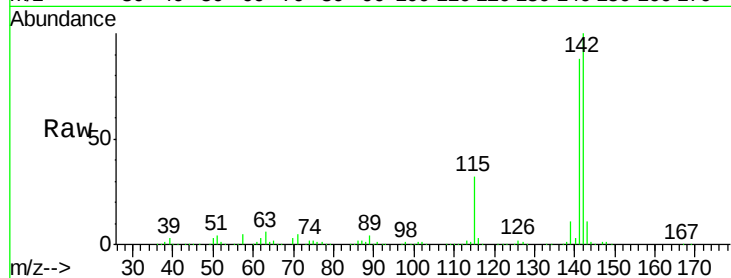




#37
2-Methylnaphthalene
Concen: 42.693 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

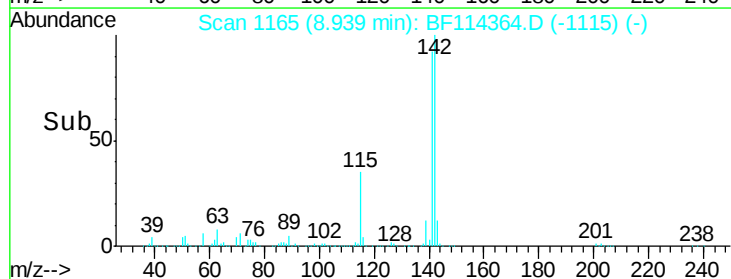
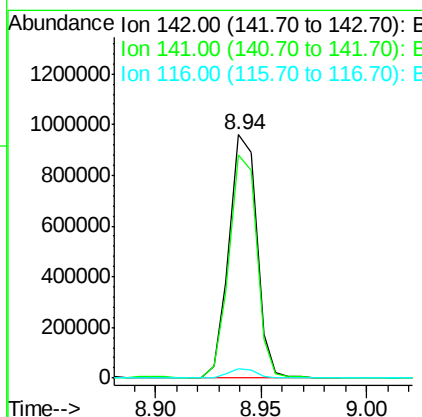
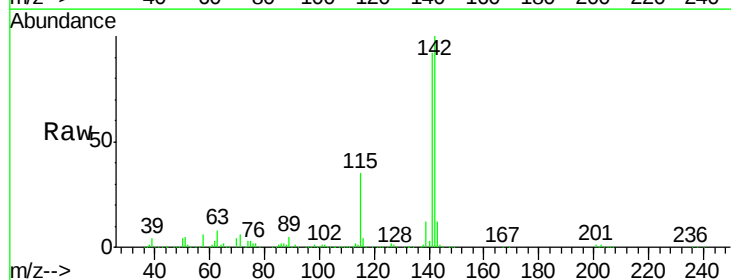
Instrument :
BNA_F
ClientSampleId :

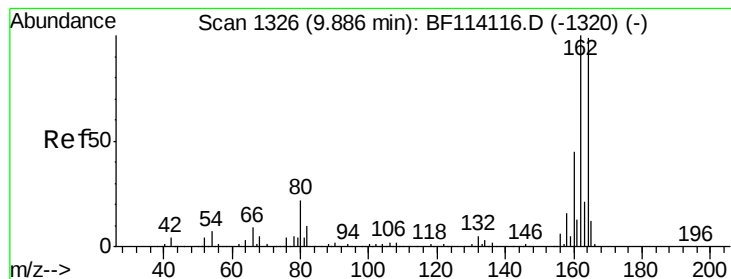
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.1	108.1
115	32.0	28.0	42.0



#38
1-Methylnaphthalene
Concen: 42.646 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.8	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: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

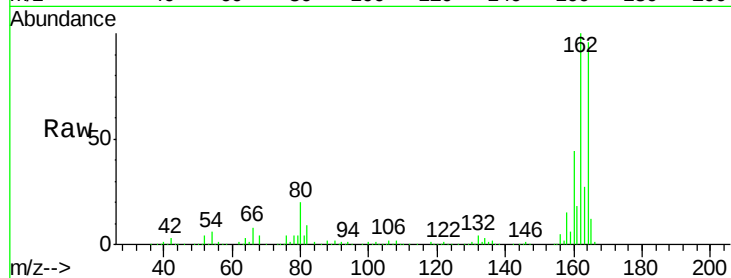
Tot Ion:164 Resp: 344437

Ion Ratio Lower Upper

164 100

162 103.9 80.6 120.8

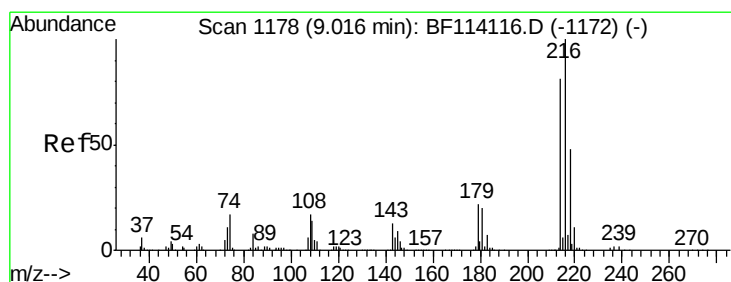
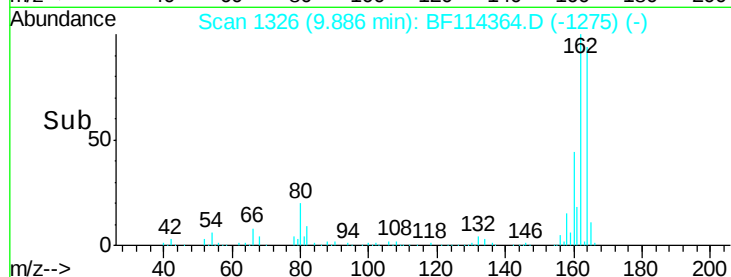
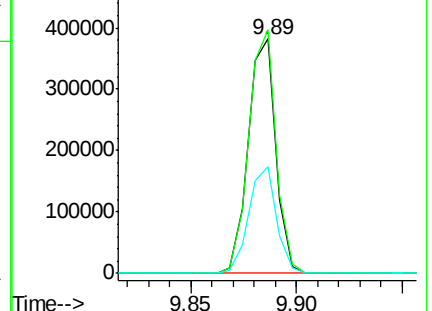
160 45.6 36.5 54.7



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: 41.134 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:216 Resp: 429180

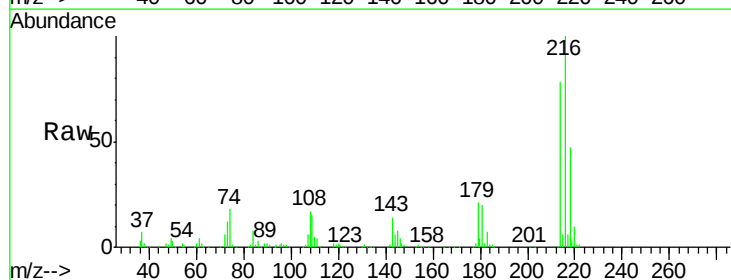
Ion Ratio Lower Upper

216 100

214 78.2 63.9 95.9

179 20.8 17.0 25.6

108 17.1 14.8 22.2

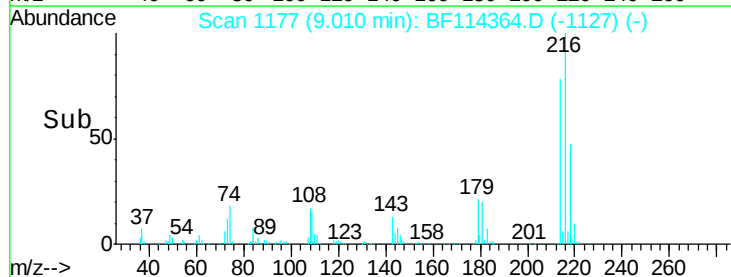
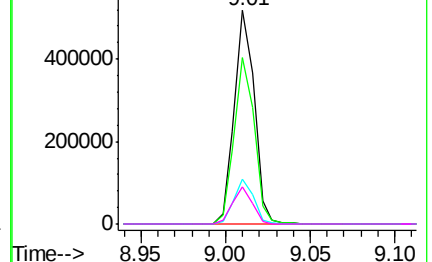


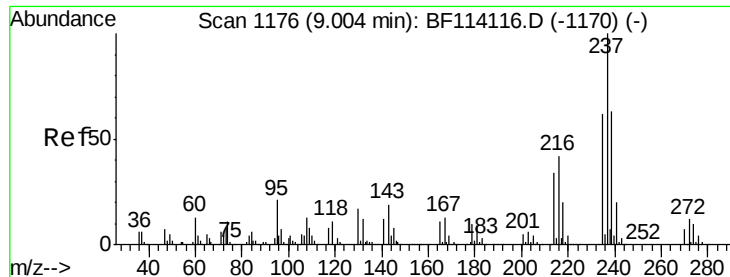
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.003 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

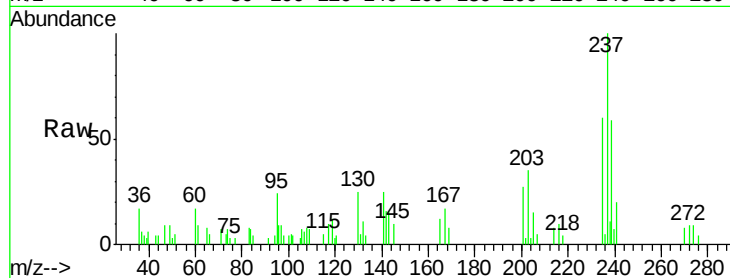
Tot Ion:237 Resp: 8627

Ion Ratio Lower Upper

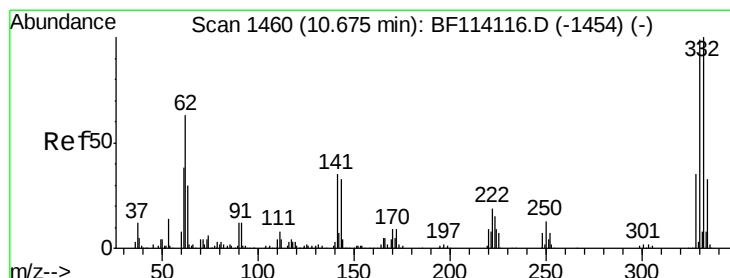
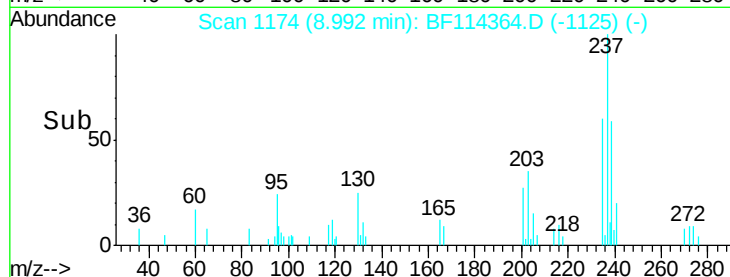
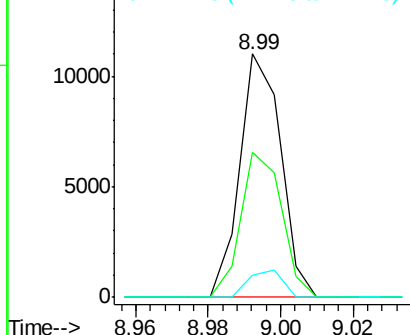
237 100

235 59.5 42.0 82.0

272 9.1 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: 74.523 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

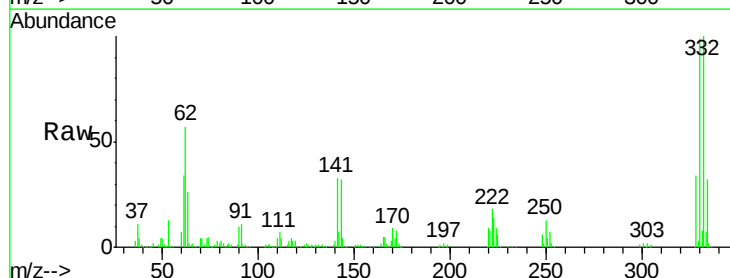
Tgt Ion:330 Resp: 265370

Ion Ratio Lower Upper

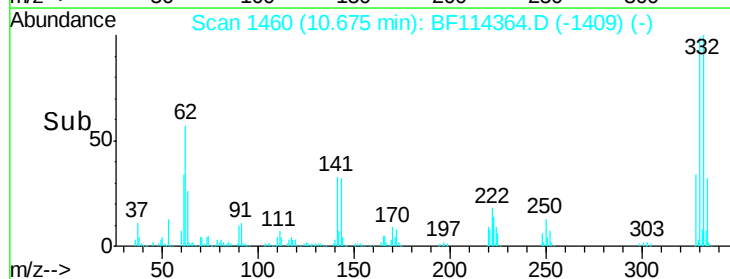
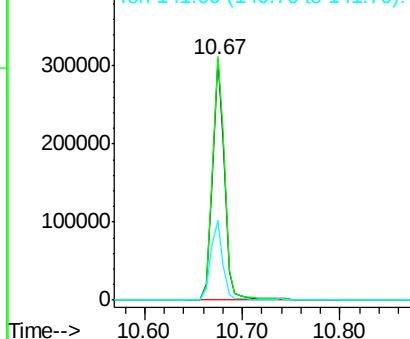
330 100

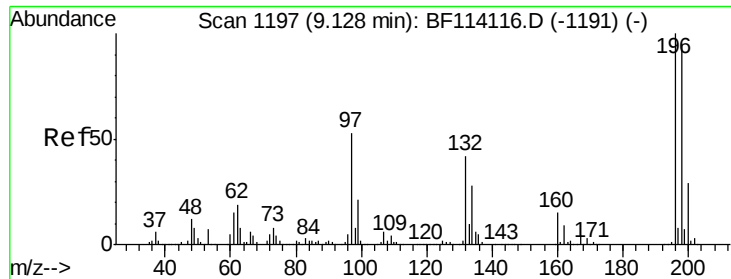
332 102.8 81.4 122.2

141 32.7 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

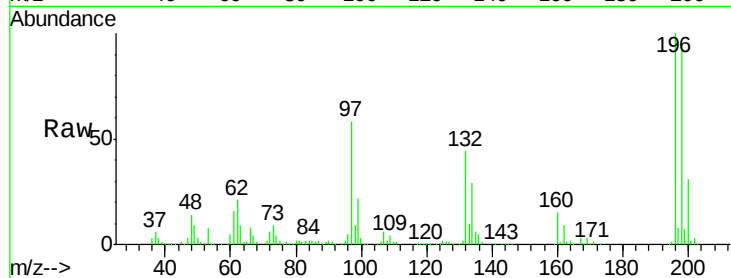




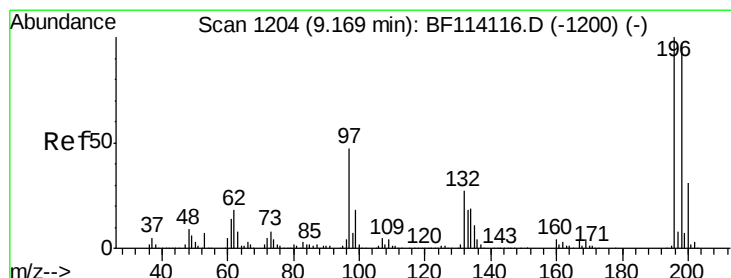
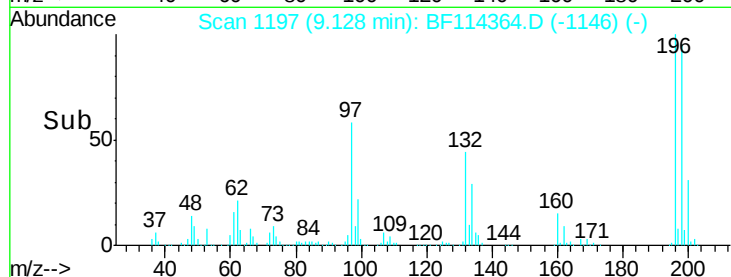
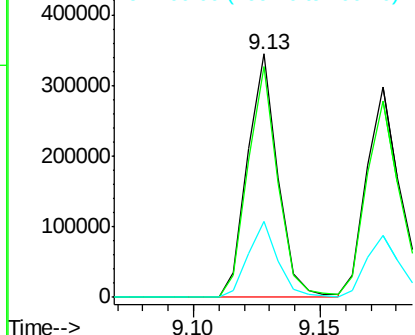
#43
 2,4,6-Trichlorophenol
 Concen: 39.851 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 285995
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.9 113.9
 200 31.1 23.5 35.3

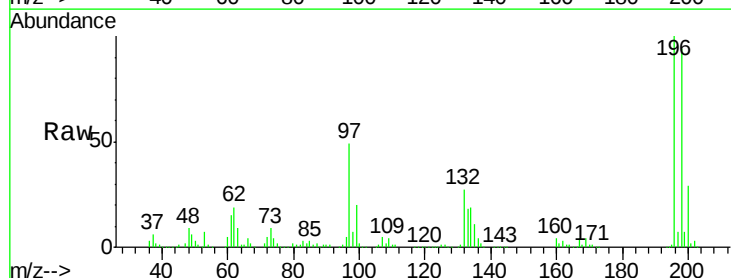


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

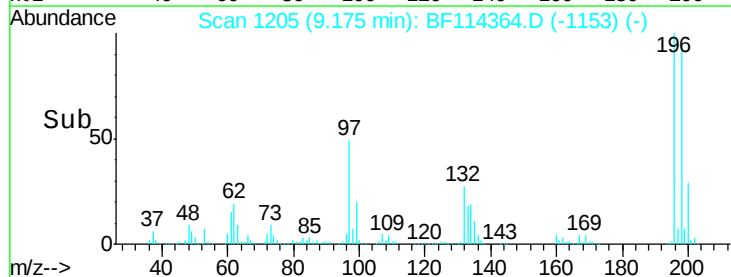
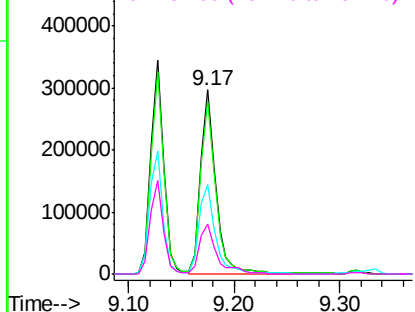


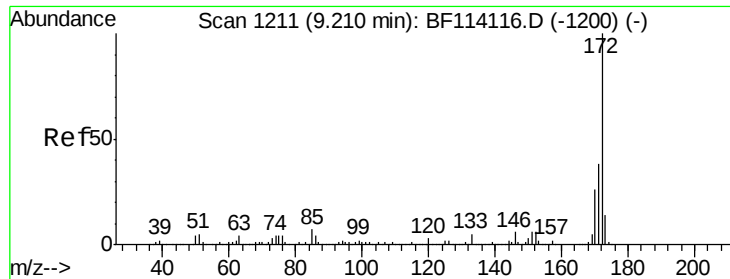
#44
 2,4,5-Trichlorophenol
 Concen: 39.932 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion:196 Resp: 293901
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.7 116.5
 97 48.7 38.2 57.2
 132 27.3 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

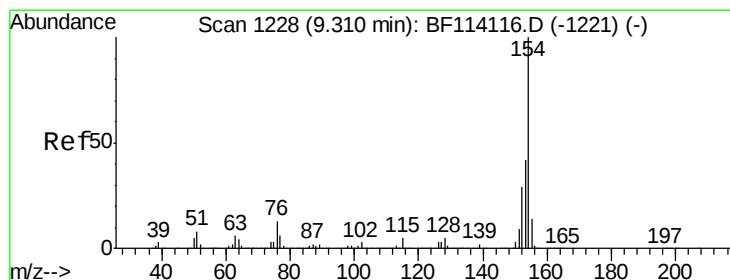
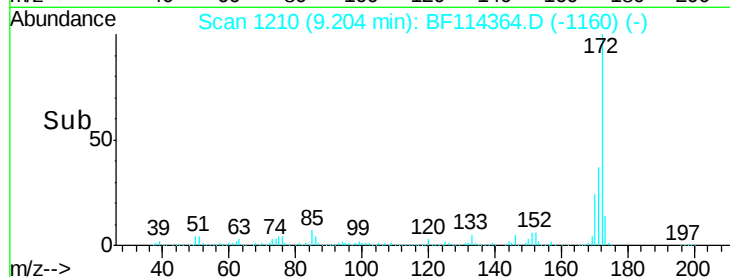
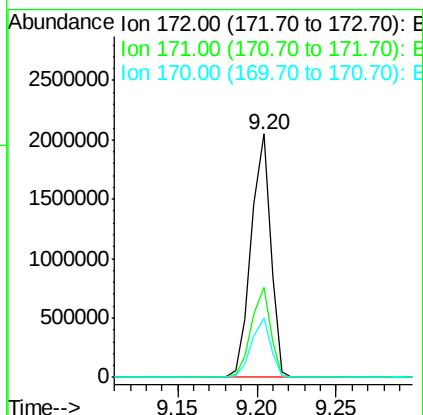
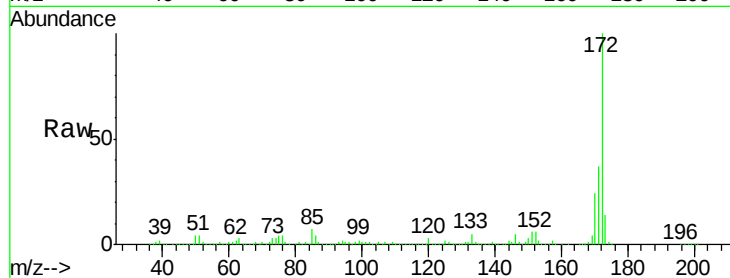




#45
2-Fluorobiphenyl
Concen: 76.998 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

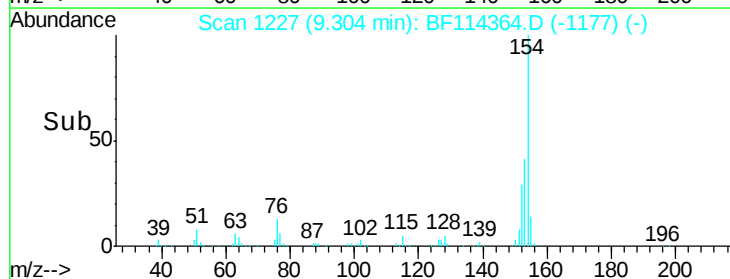
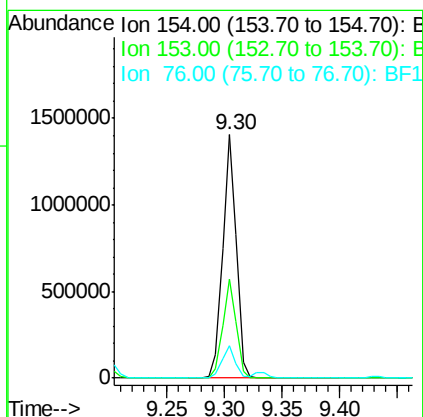
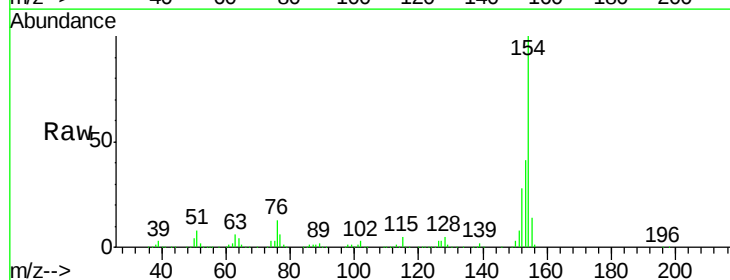
Instrument :
BNA_F
ClientSampleId :

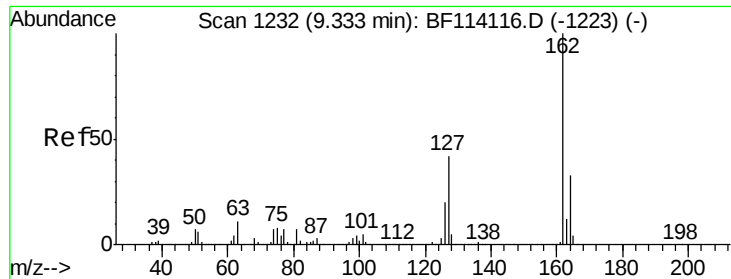
Tot Ion:172 Resp: 1753259
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 24.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 41.005 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:154 Resp: 1141007
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 13.2 0.0 32.8

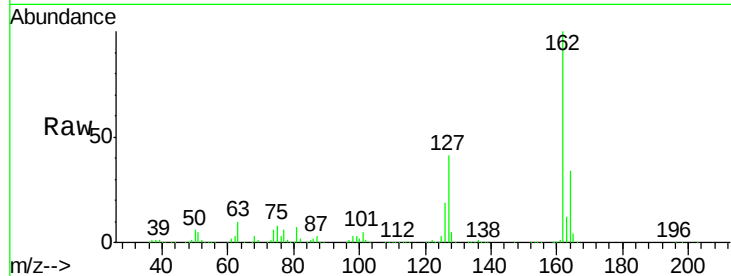




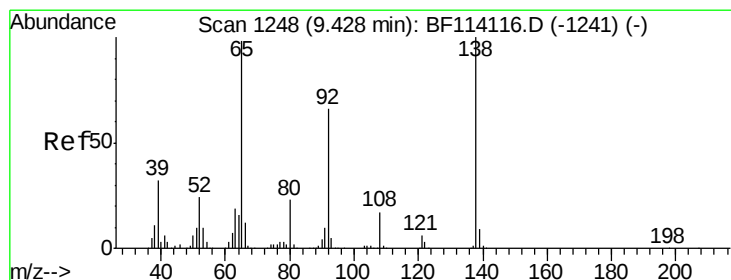
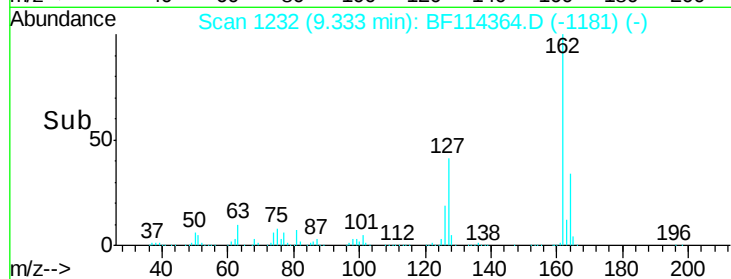
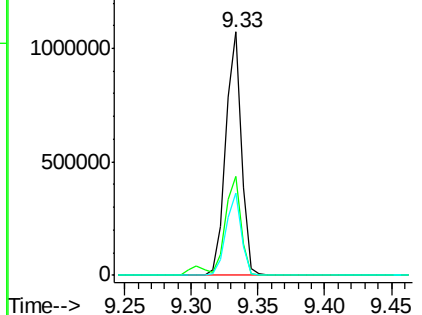
#47
 2-Chloronaphthalene
 Concen: 39.914 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	34.0	51.0
164	33.7	26.7	40.1

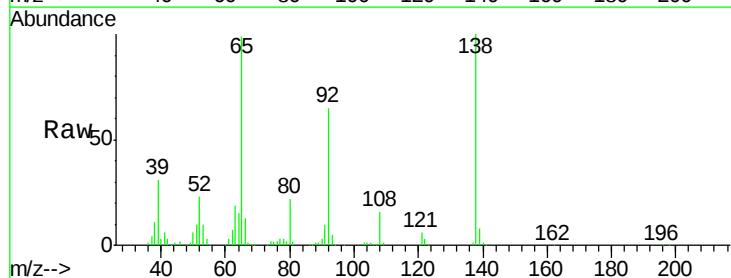


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

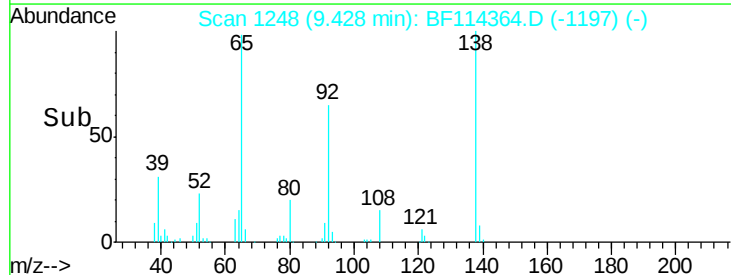
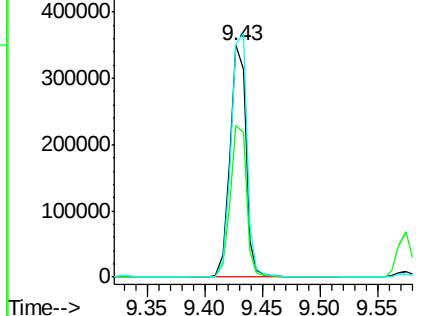


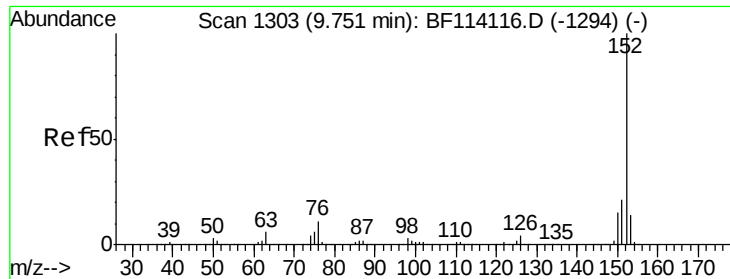
#48
 2-Nitroaniline
 Concen: 42.174 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	100.9	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.912 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

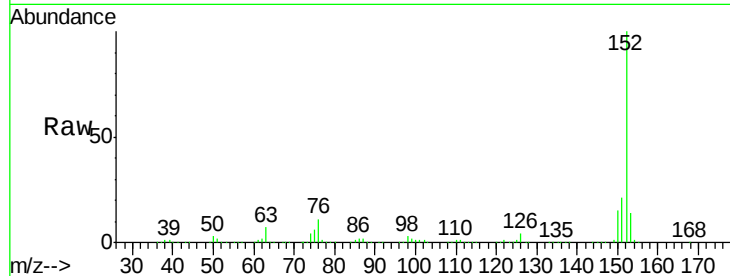
Tot Ion:152 Resp: 1393473

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

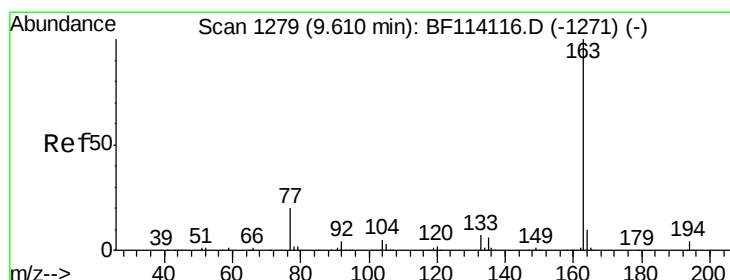
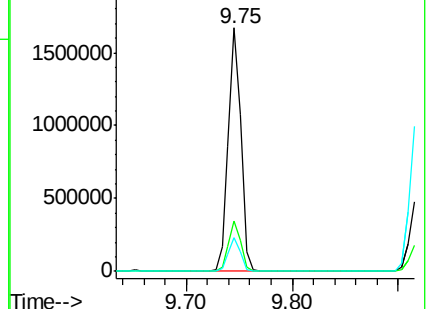
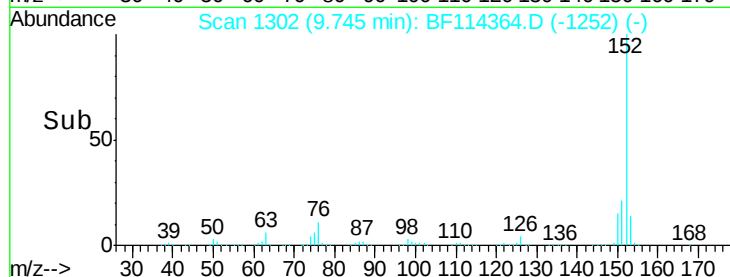
153 13.7 11.4 17.2



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: 41.257 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

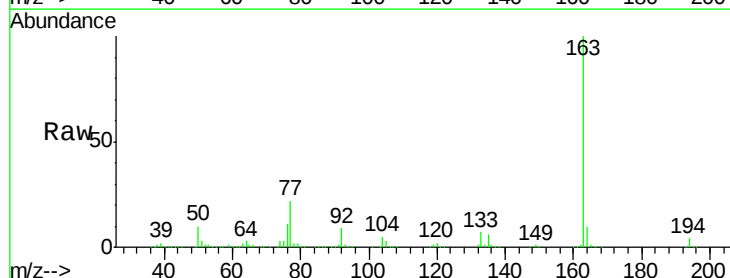
Tgt Ion:163 Resp: 1043185

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

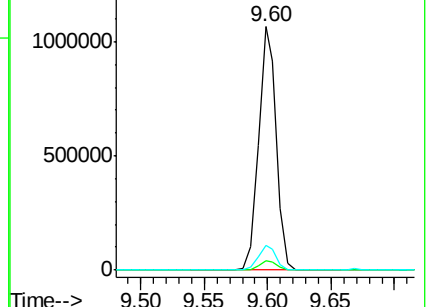
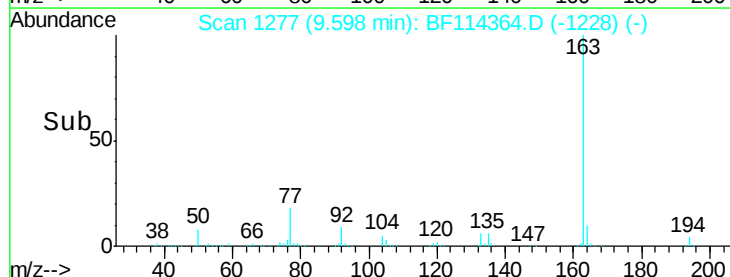
164 10.3 8.2 12.2

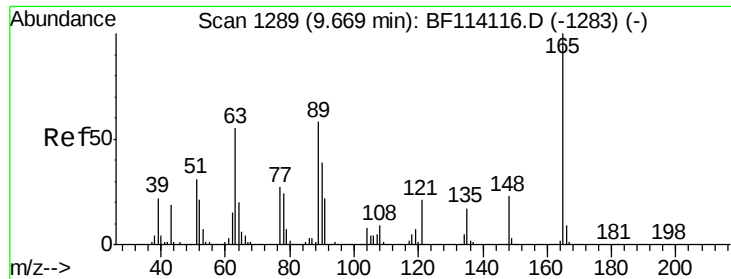


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.798 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

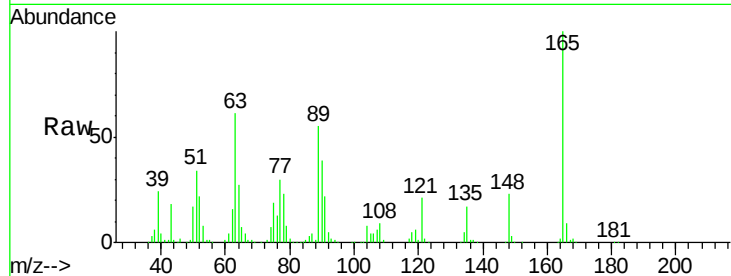
Tot Ion:165 Resp: 228800

Ion Ratio Lower Upper

165 100

63 60.8 50.2 75.4

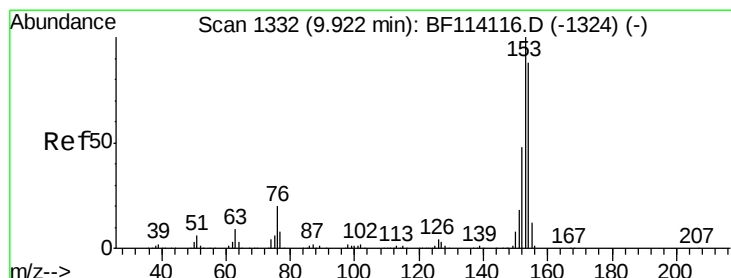
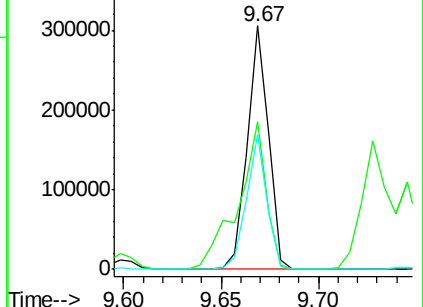
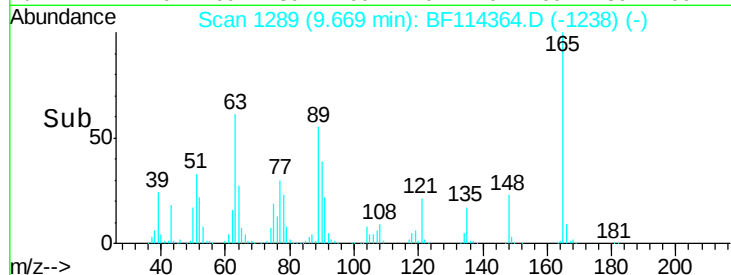
89 55.2 46.6 69.8



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: 39.123 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

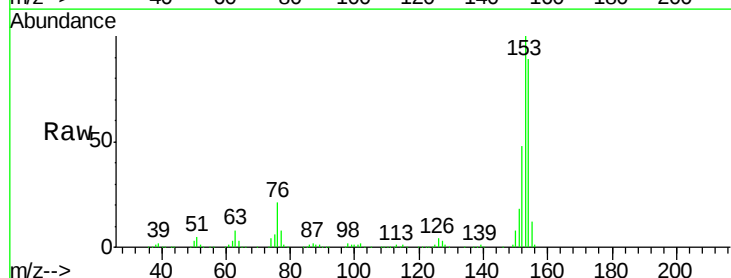
Tgt Ion:154 Resp: 817689

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

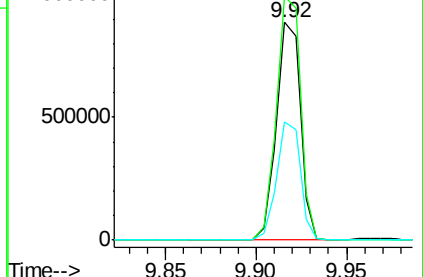
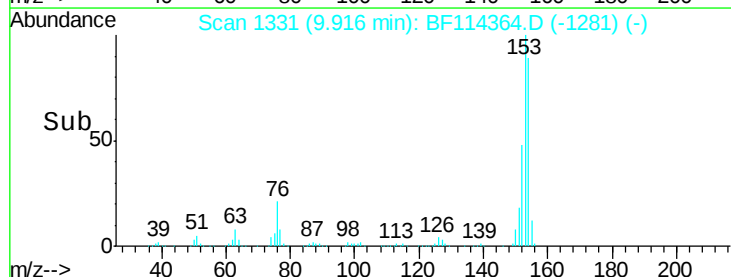
152 54.1 43.4 65.2

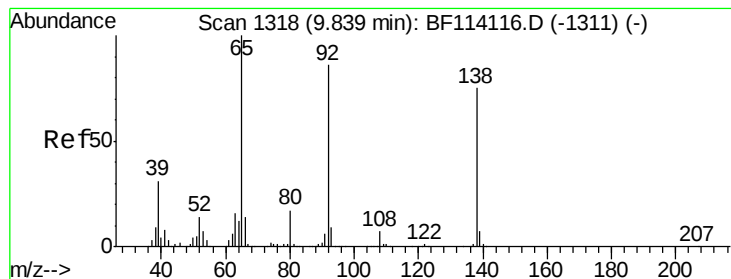


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.375 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

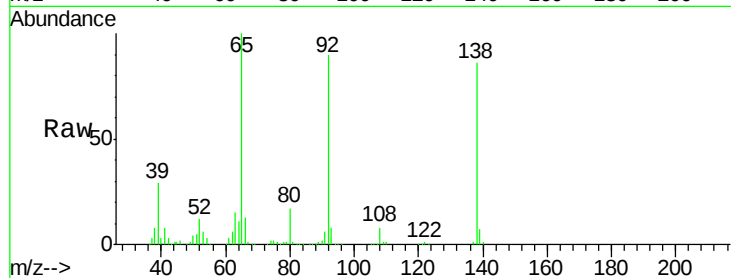
Tot Ion:138 Resp: 301963

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

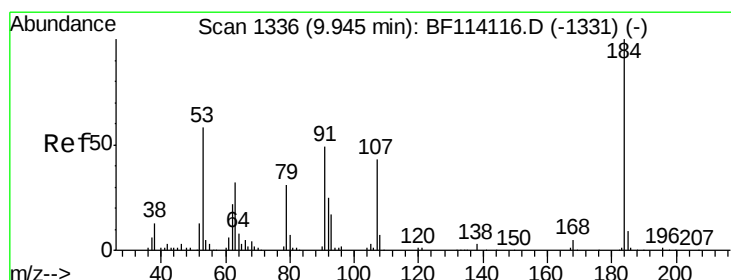
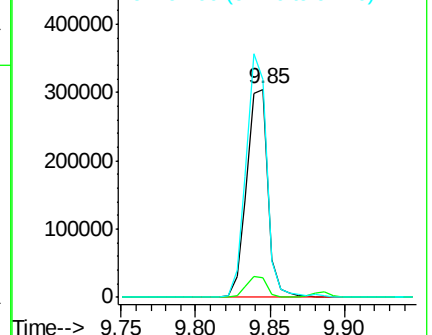
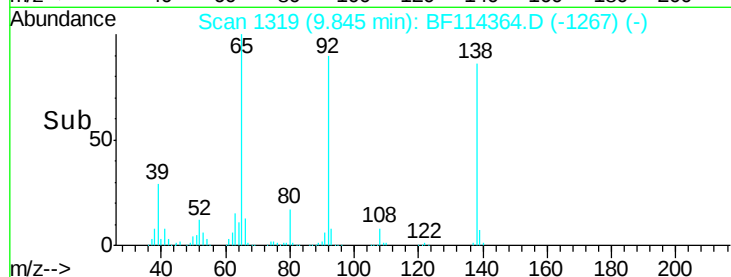
92 105.2 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 14.120 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

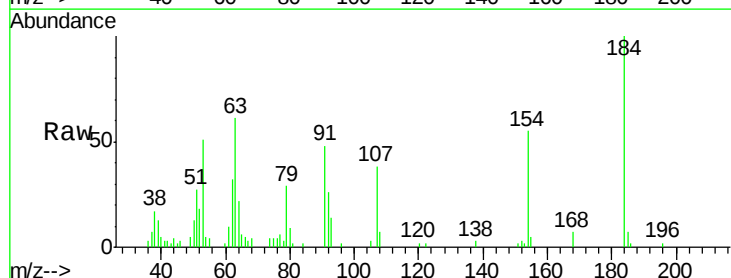
Tgt Ion:184 Resp: 22712

Ion Ratio Lower Upper

184 100

63 61.3 55.6 83.4

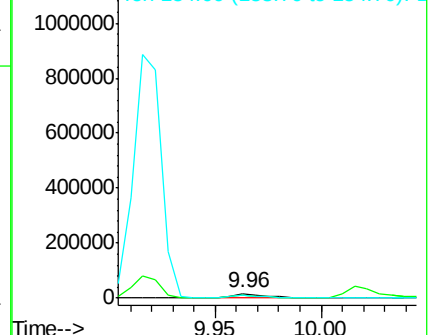
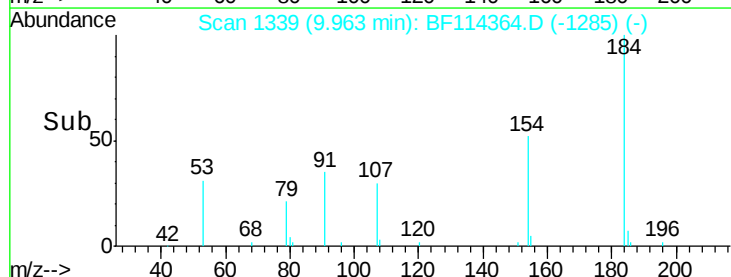
154 54.8 46.0 69.0

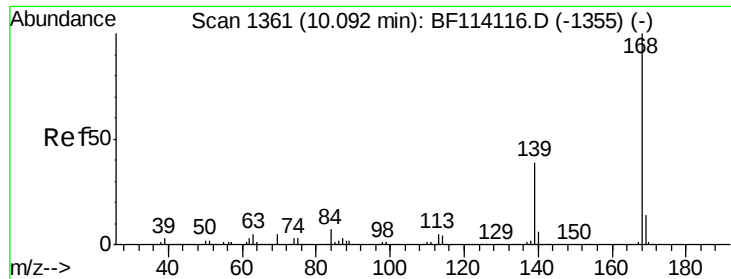


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

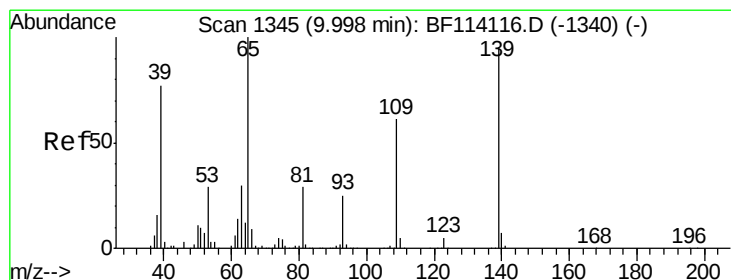
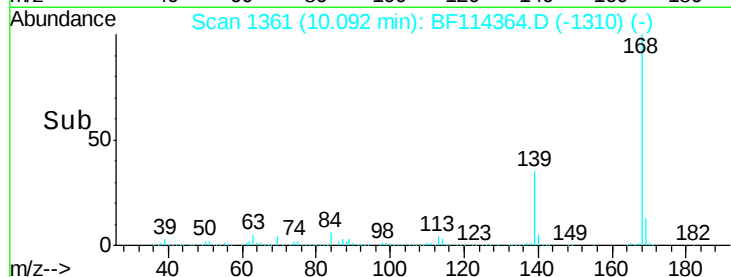
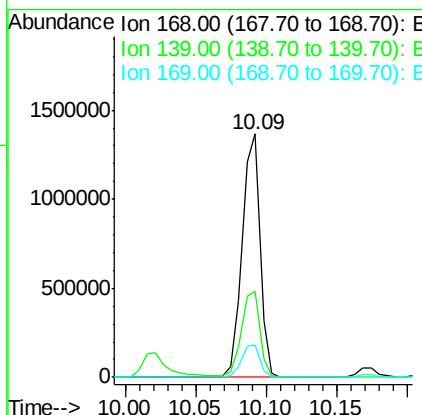
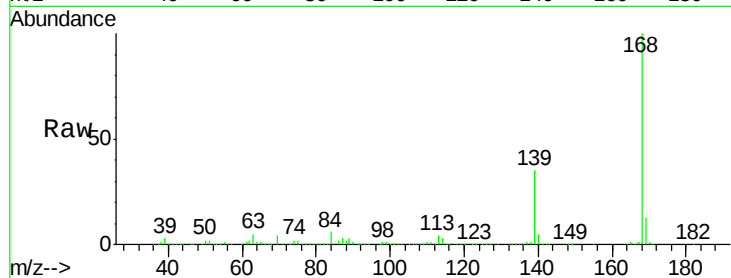




#55
Dibenzofuran
Concen: 39.423 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

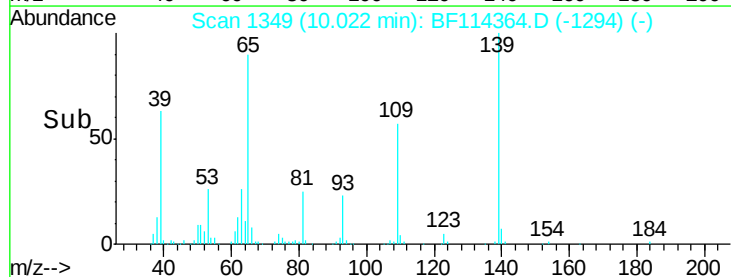
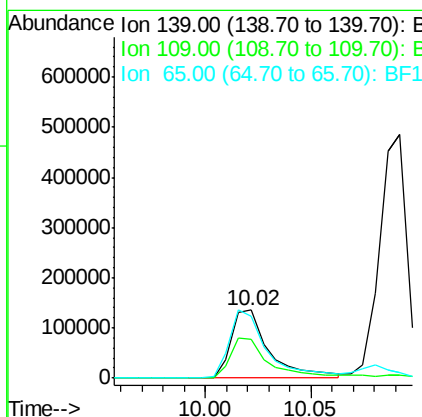
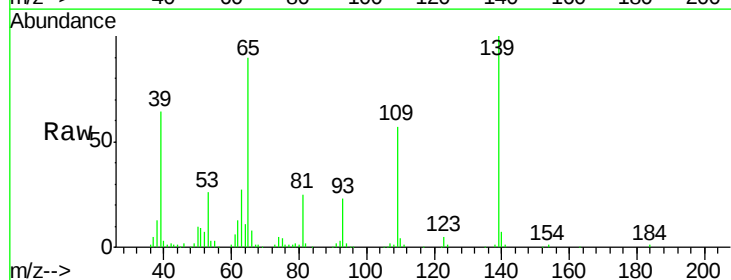
Instrument :
BNA_F
ClientSampleId :

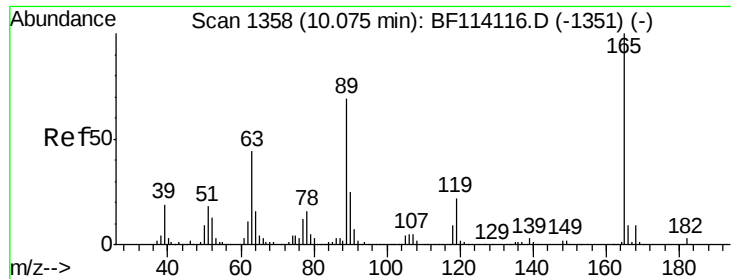
Tot Ion:168 Resp: 1208233
Ion Ratio Lower Upper
168 100
139 35.5 31.1 46.7
169 13.4 11.4 17.0



#56
4-Nitrophenol
Concen: 34.965 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:139 Resp: 172141
Ion Ratio Lower Upper
139 100
109 56.9 43.9 83.9
65 90.4 85.7 125.7

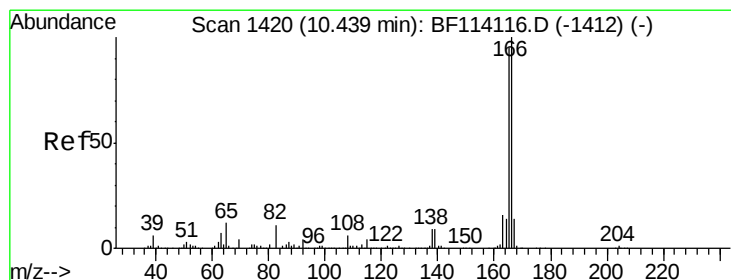
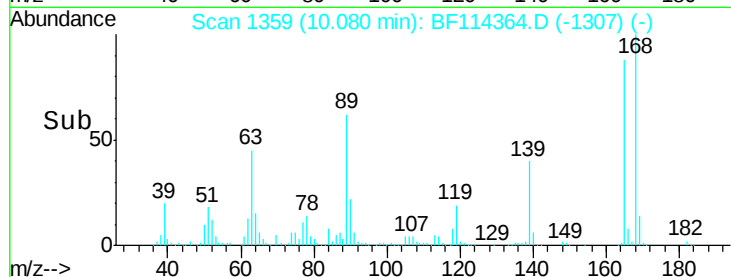
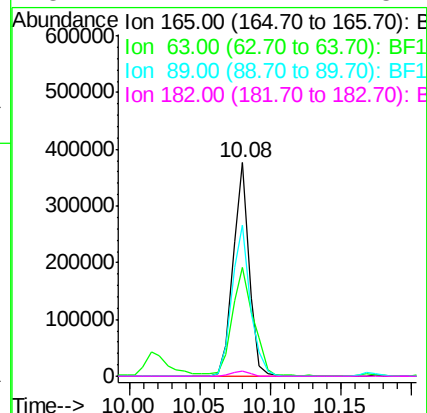
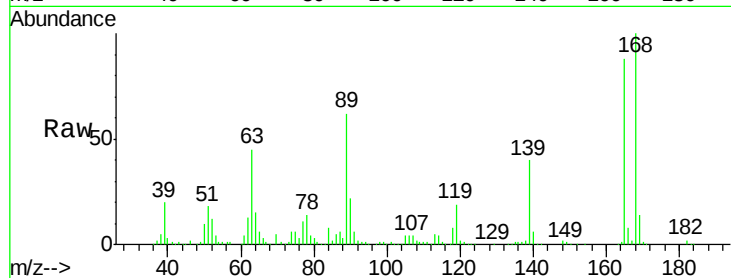




#57
2,4-Dinitrotoluene
Concen: 38.808 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

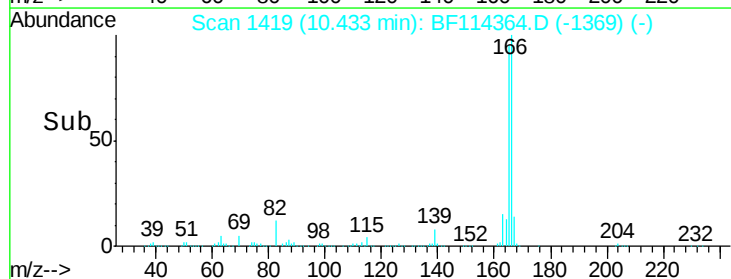
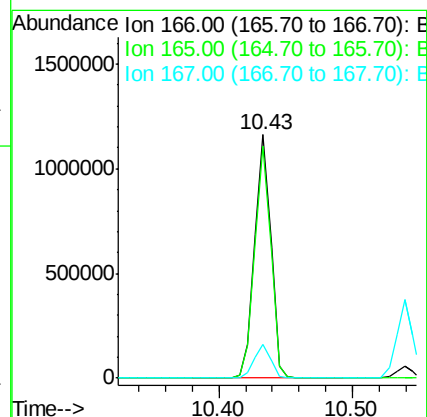
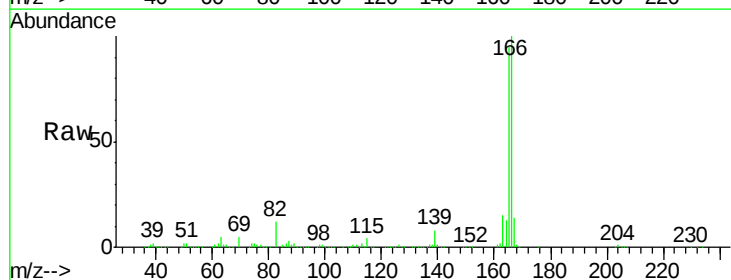
Instrument :
BNA_F
ClientSampleId :

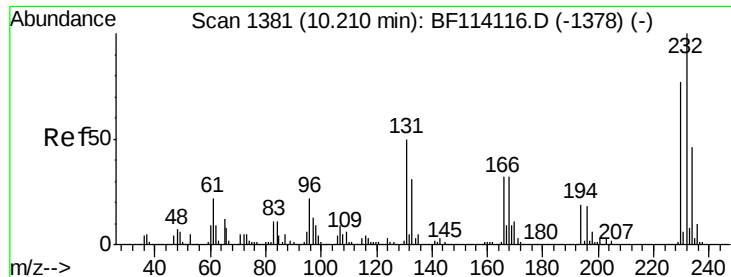
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	35.5	53.3
89	70.7	55.2	82.8
182	2.4	2.2	3.2



#58
Fluorene
Concen: 40.654 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.1	114.1
167	13.8	11.1	16.7

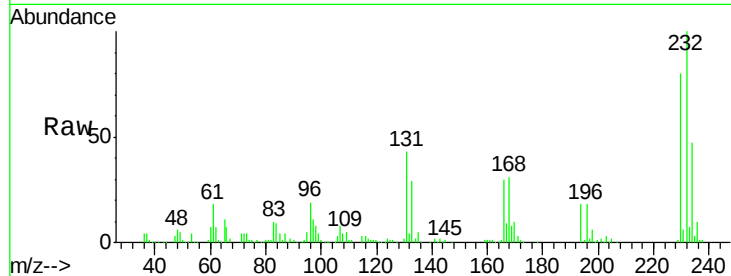




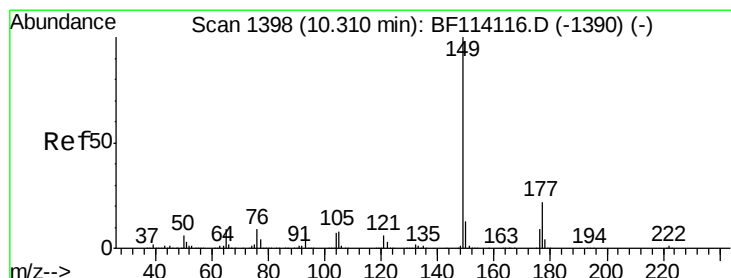
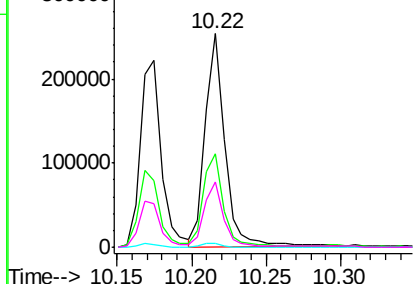
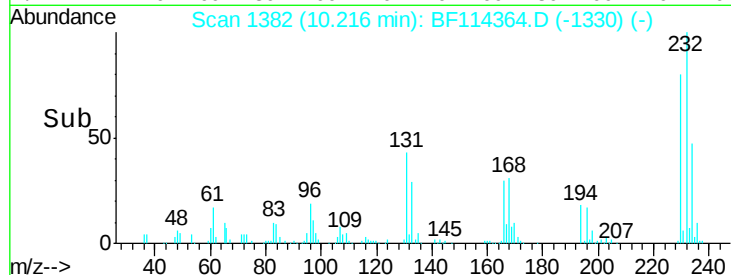
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.416 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 231261
Ion Ratio Lower Upper
232 100
131 45.8 35.6 53.4
130 2.1 1.6 2.4
166 29.9 24.1 36.1

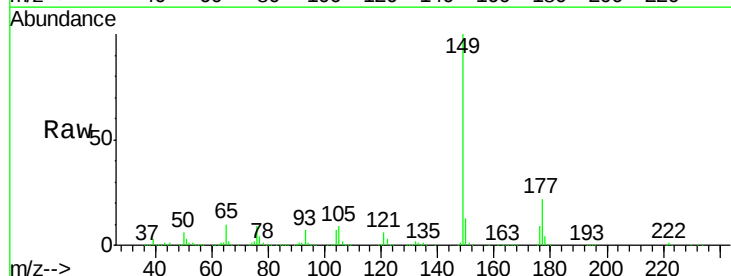


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

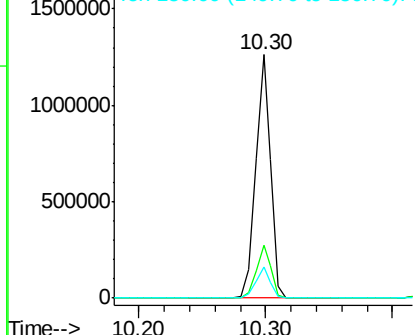
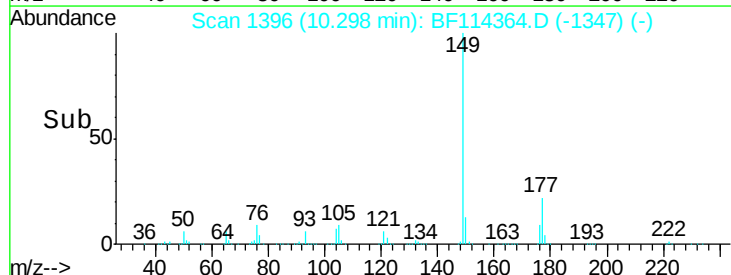


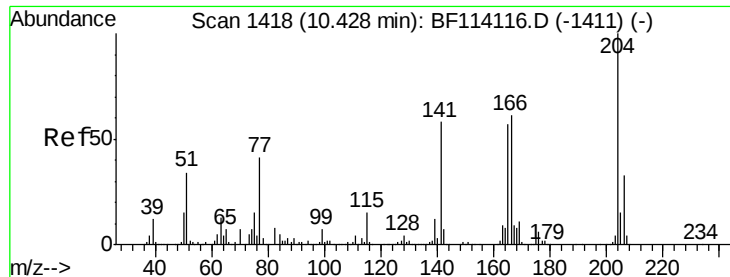
#60
Diethylphthalate
Concen: 40.519 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:149 Resp: 1040982
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.9 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

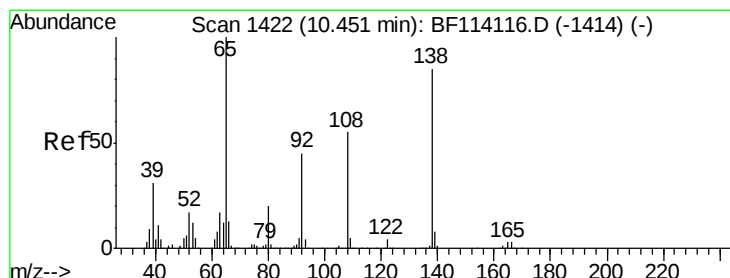
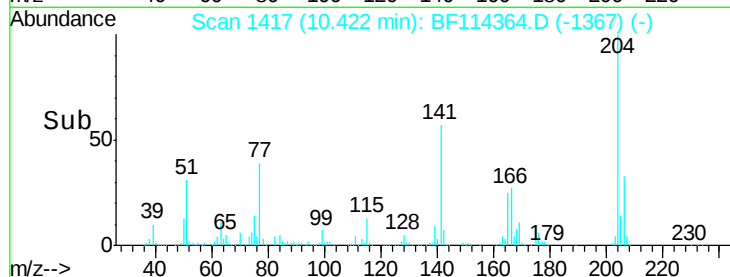
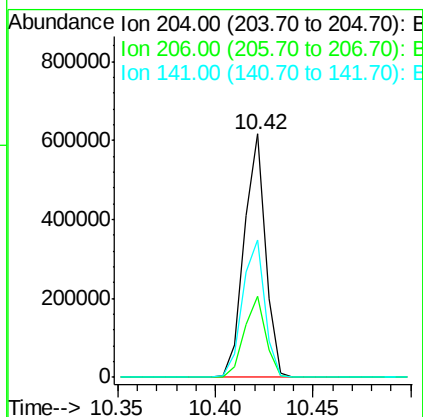
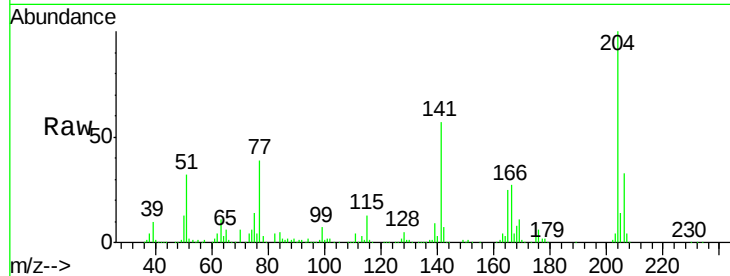




#61
 4-Chlorophenyl-phenylether
 Concen: 40.263 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

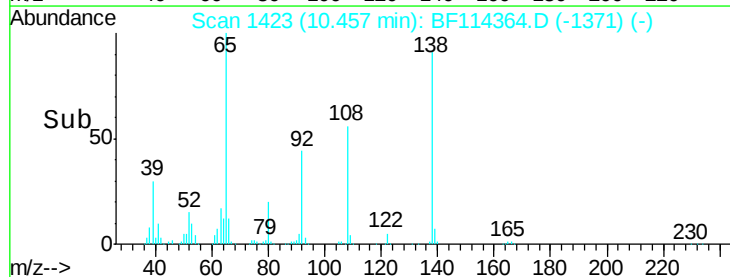
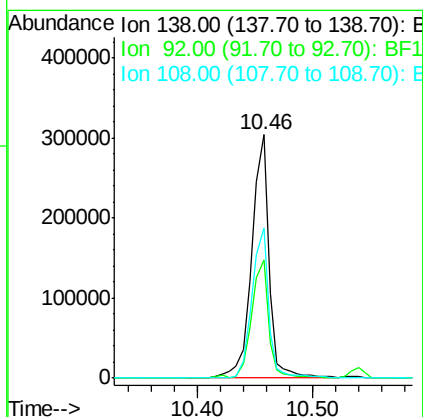
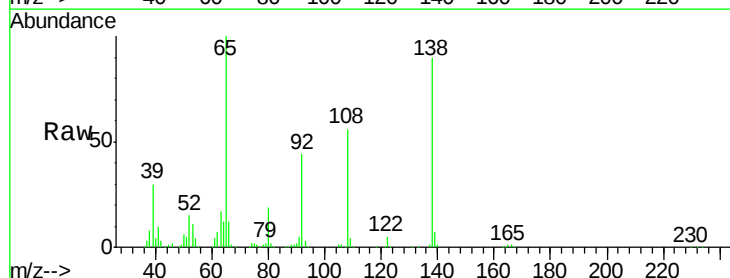
Instrument :
 BNA_F
 ClientSampleId :

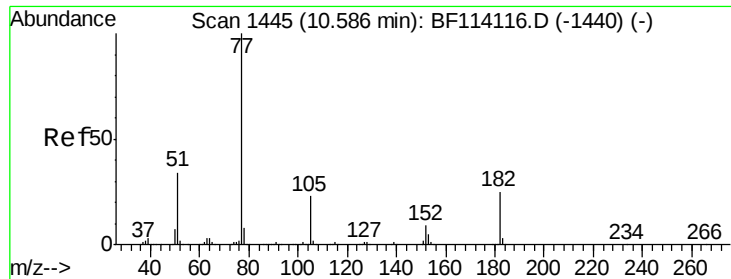
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.6	46.4	69.6



#62
 4-Nitroaniline
 Concen: 43.280 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	33.0	73.0
108	61.5	44.9	84.9





#63

Azobenzene

Concen: 40.082 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 996735

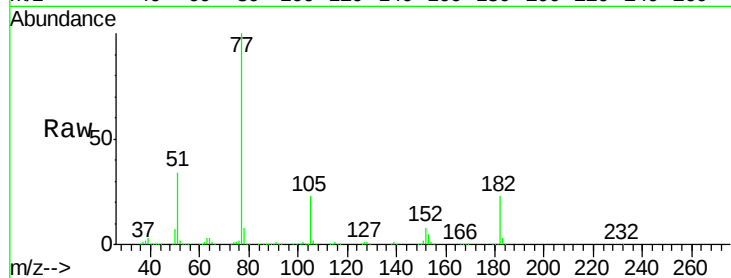
Ion Ratio Lower Upper

77 100

182 23.4 4.7 44.7

105 22.9 2.9 42.9

51 34.4 14.6 54.6

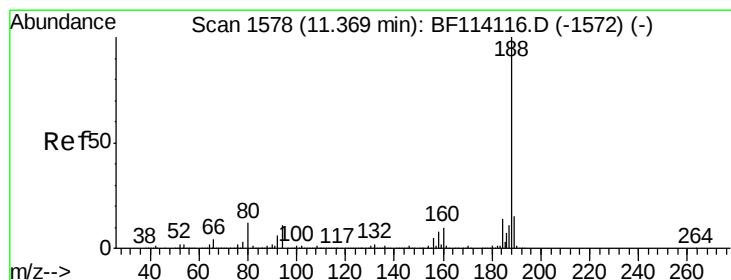
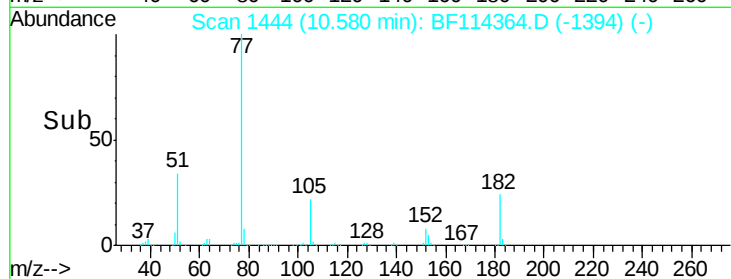
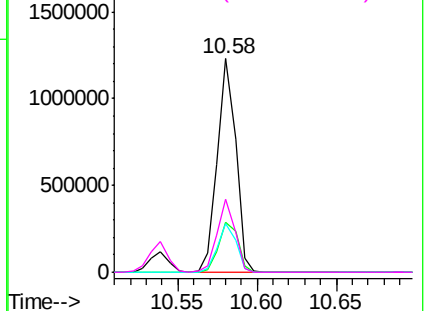


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1578

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

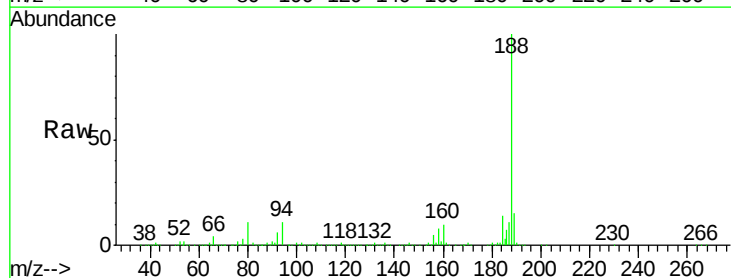
Tgt Ion: 188 Resp: 664346

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

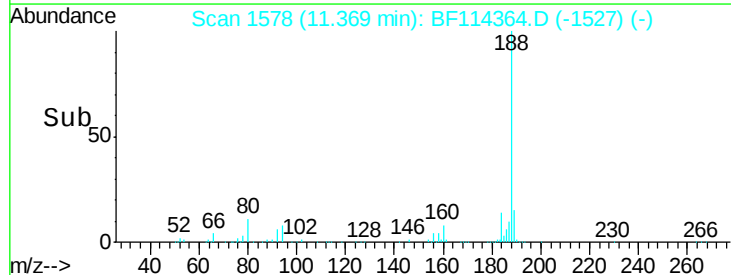
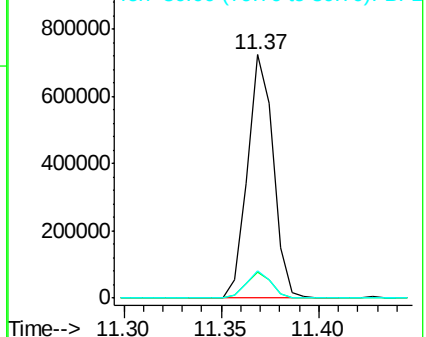
80 11.4 9.2 13.8

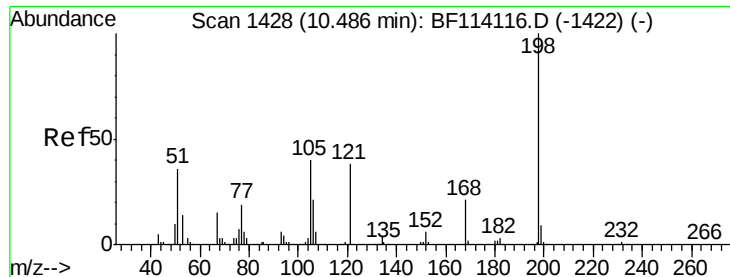


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 15.175 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

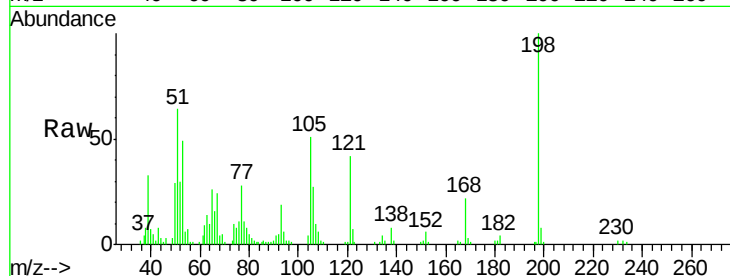
Tot Ion:198 Resp: 48444

Ion Ratio Lower Upper

198 100

51 63.8 28.0 68.0

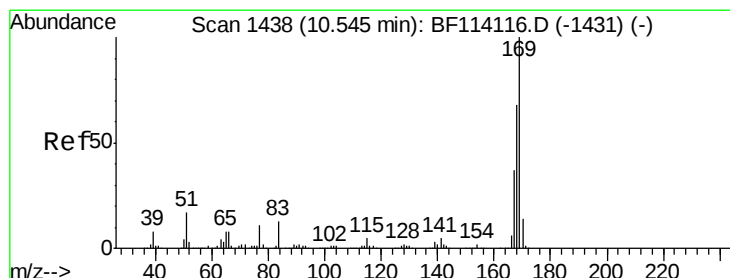
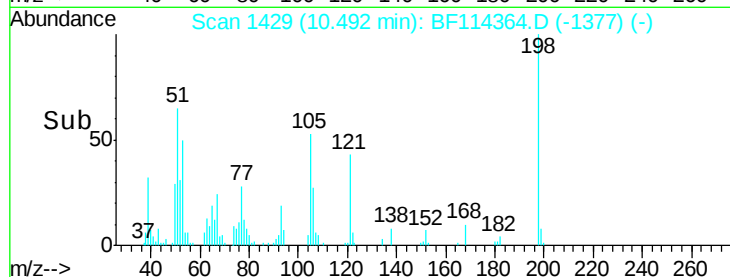
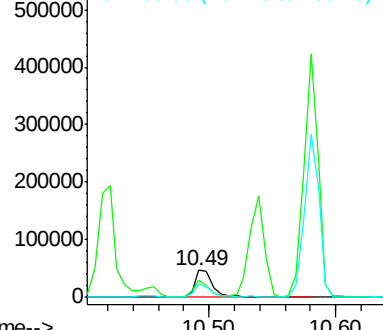
105 51.4 21.1 61.1



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: 42.404 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

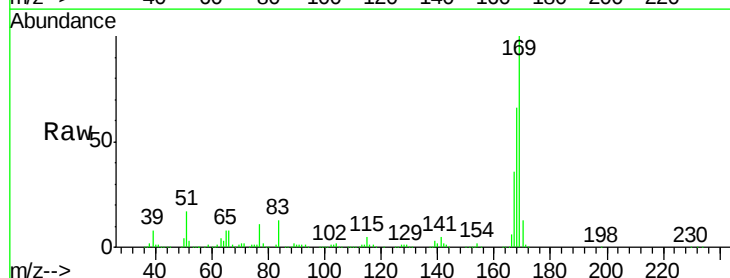
Tgt Ion:169 Resp: 854995

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

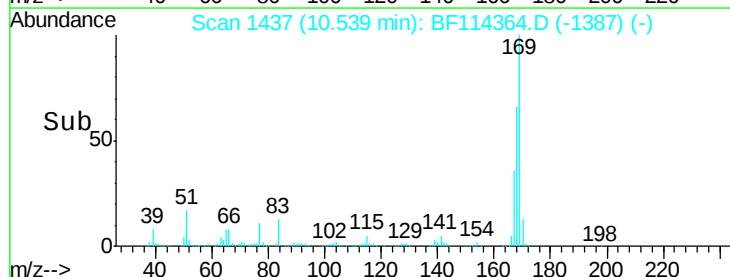
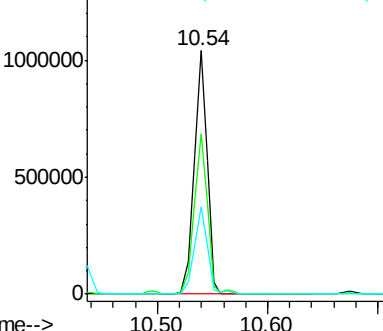
167 36.1 29.8 44.8

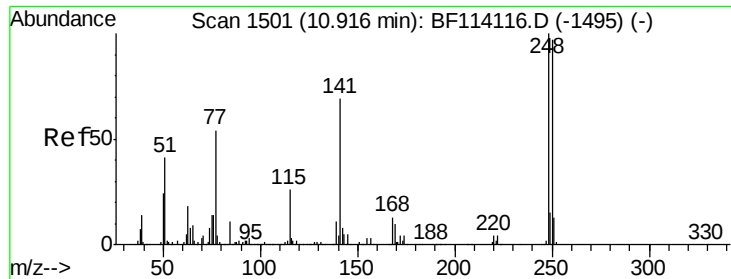


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

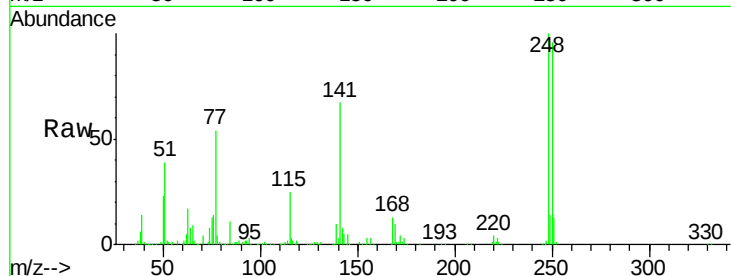




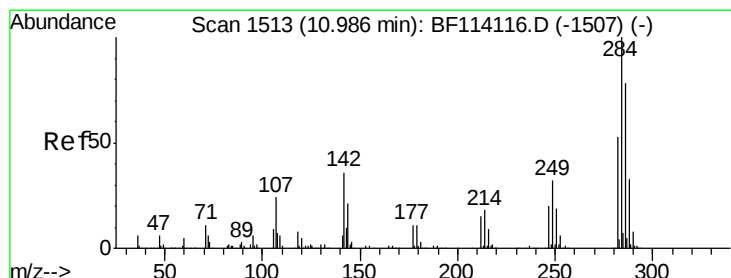
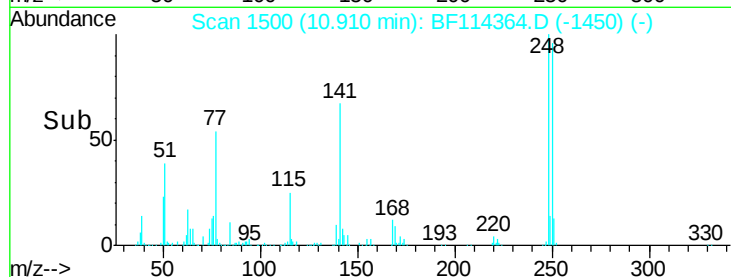
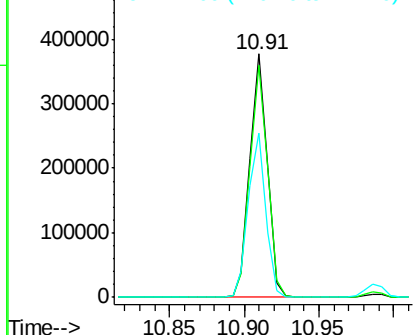
#67
4-Bromophenyl-phenylether
Concen: 41.644 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 304617
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 67.3 55.6 83.4

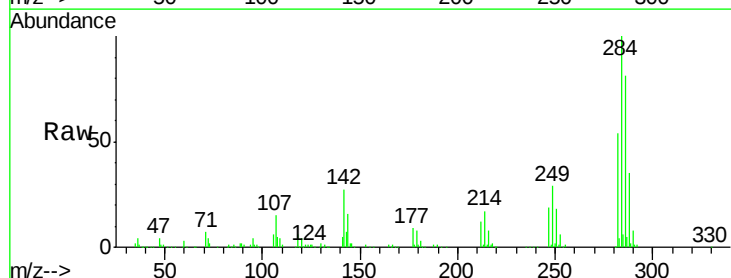


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

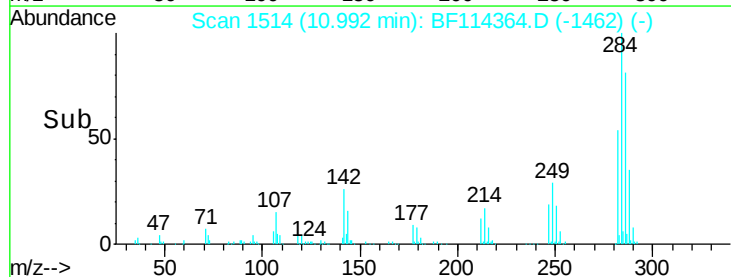
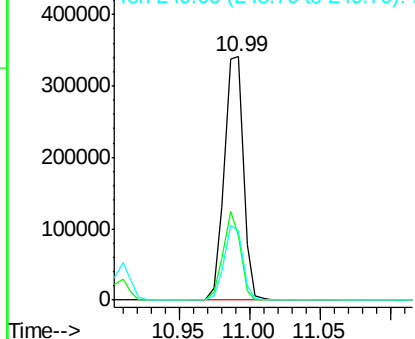


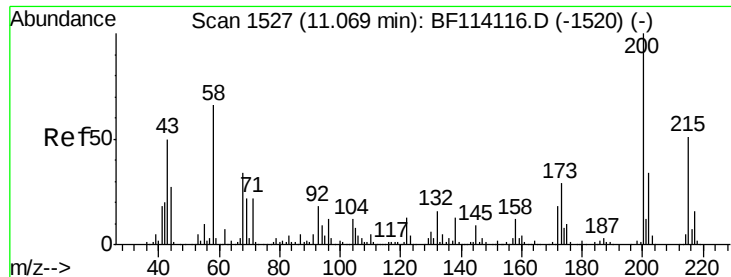
#68
Hexachlorobenzene
Concen: 39.971 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:284 Resp: 323446
Ion Ratio Lower Upper
284 100
142 26.5 28.4 42.6#
249 28.8 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: 39.478 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

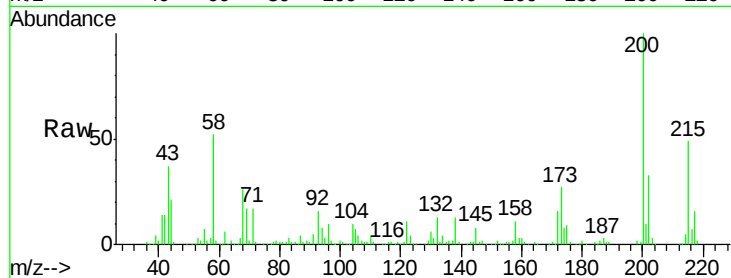
Tot Ion:200 Resp: 247711

Ion Ratio Lower Upper

200 100

173 27.0 8.9 48.9

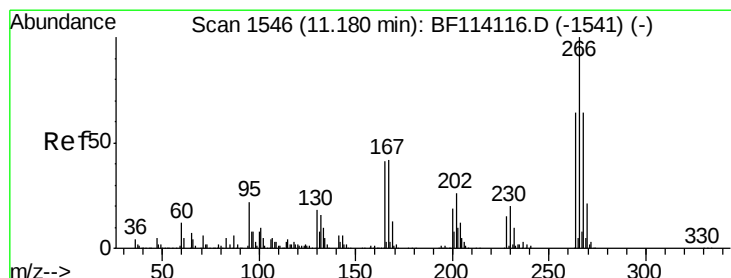
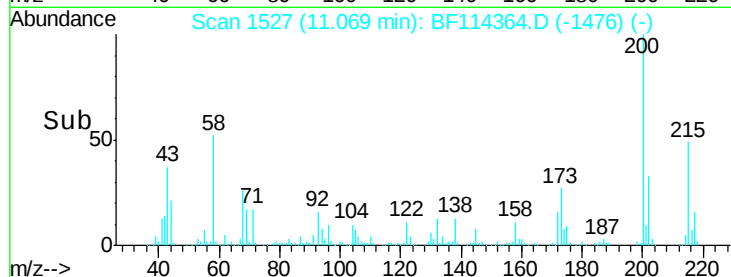
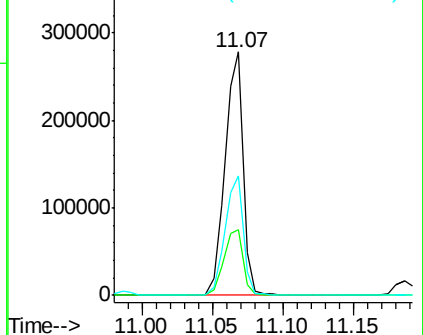
215 48.9 30.7 70.7



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: 35.220 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

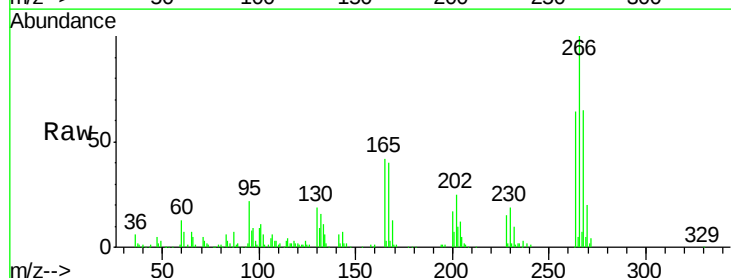
Tgt Ion:266 Resp: 135102

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

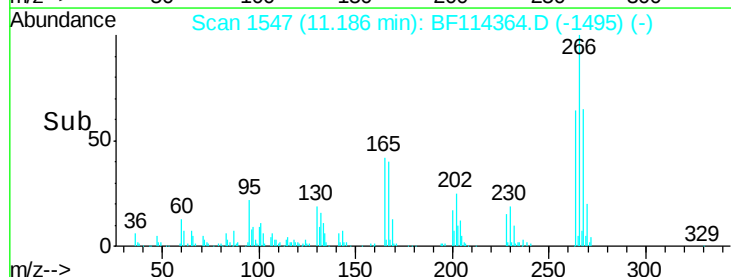
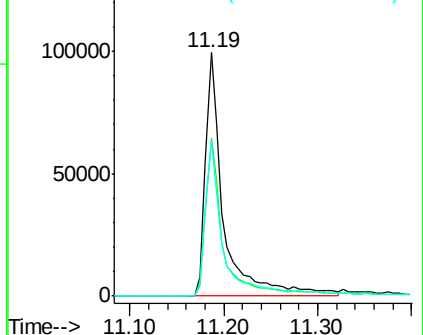
264 63.6 51.1 76.7

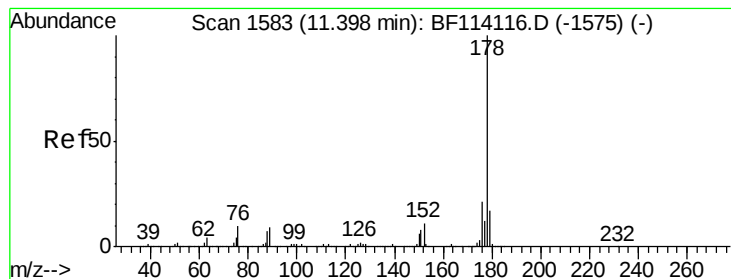


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.886 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

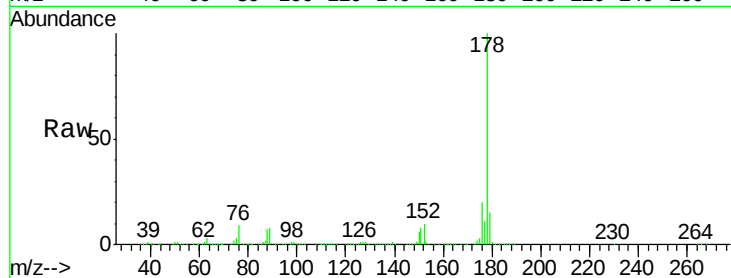
Tot Ion:178 Resp: 1353802

Ion Ratio Lower Upper

178 100

176 19.8 16.4 24.6

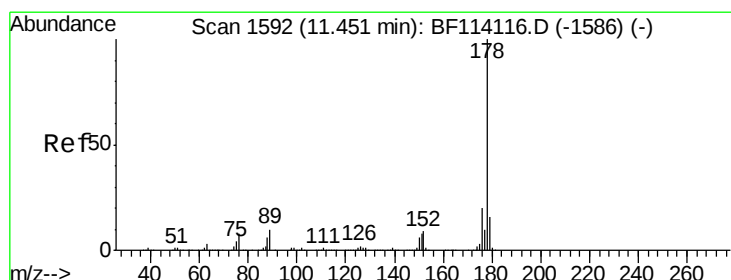
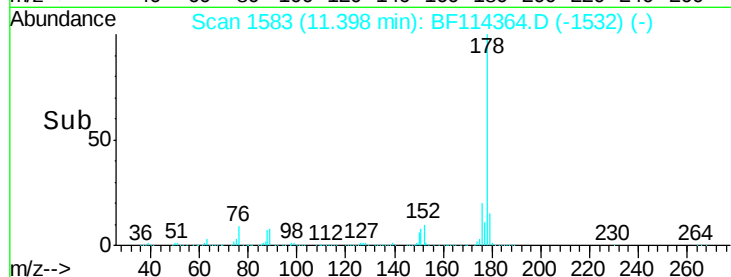
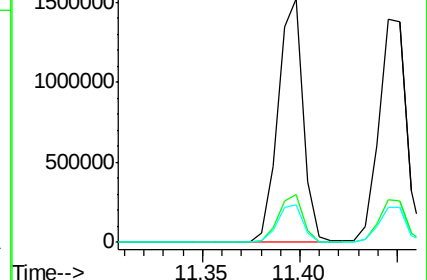
179 15.5 13.2 19.8



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: 42.279 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

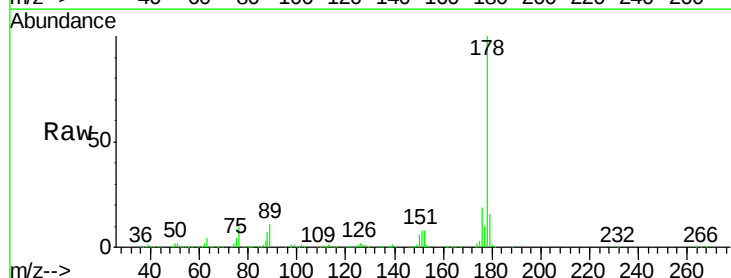
Tgt Ion:178 Resp: 1372538

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

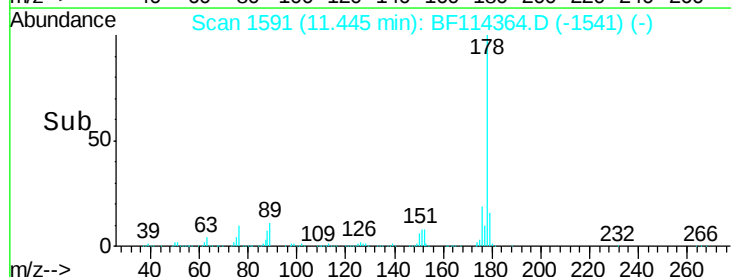
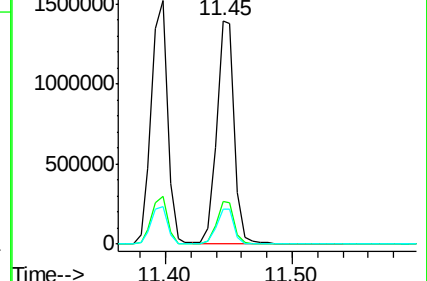
179 15.8 13.0 19.4

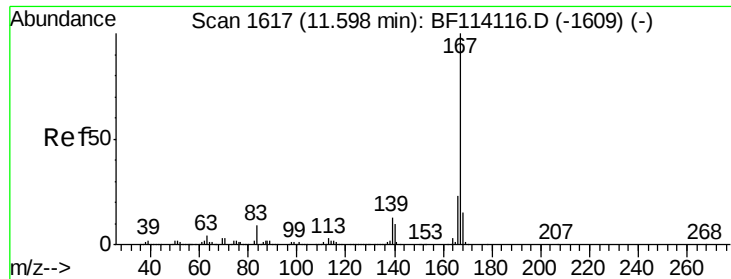


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

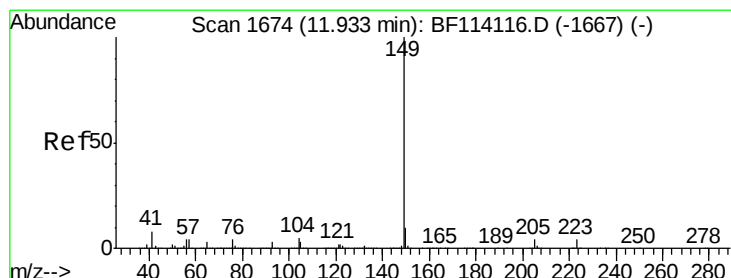
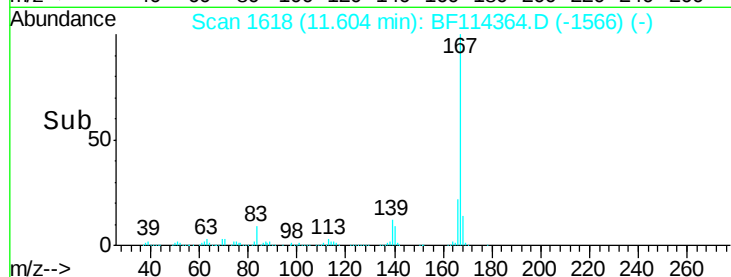
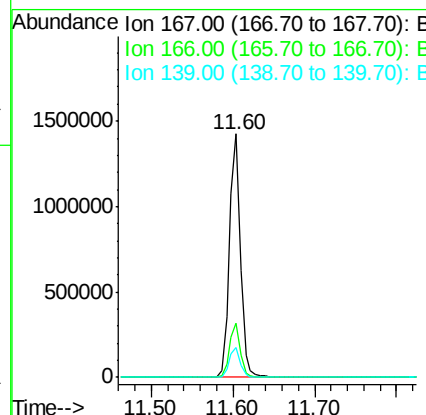
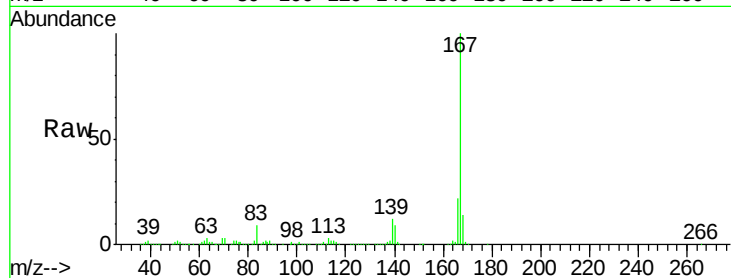




#73
 Carbazole
 Concen: 42.877 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

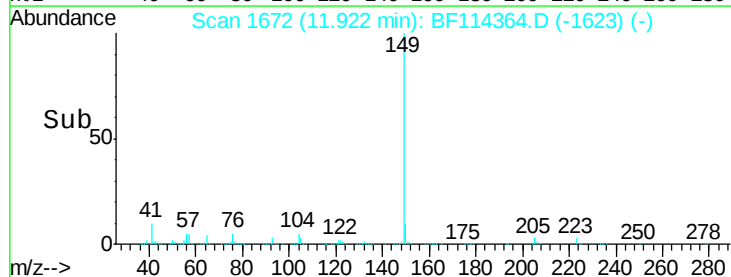
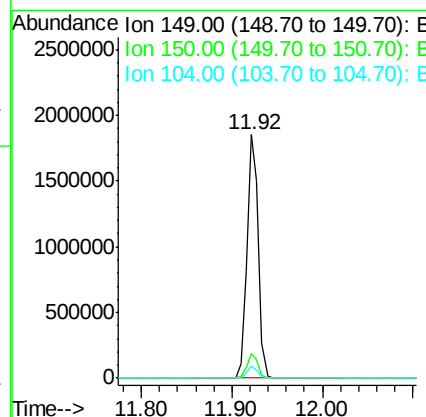
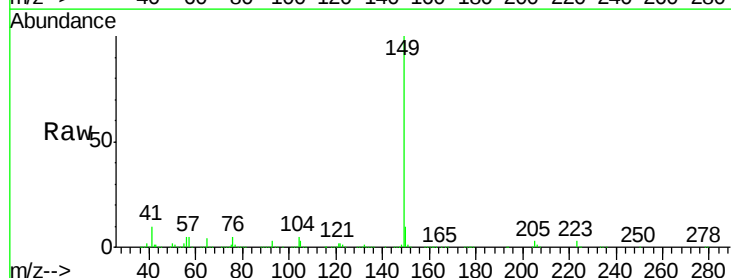
Instrument :
 BNA_F
 ClientSampleId :

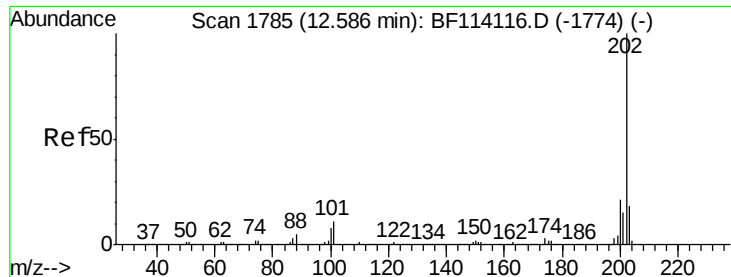
Tot Ion:167 Resp: 1327342
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.488 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion:149 Resp: 1622340
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 40.266 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

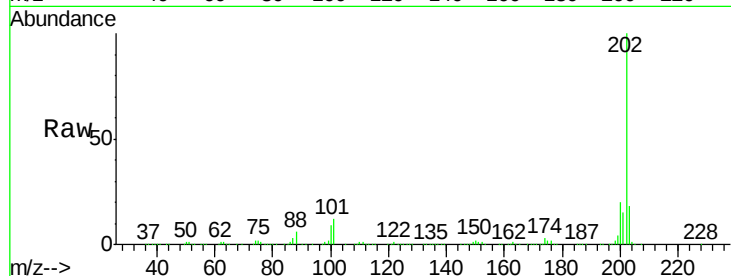
Tot Ion:202 Resp: 1401491

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.0

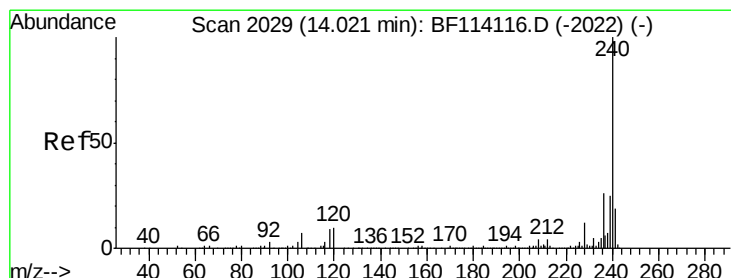
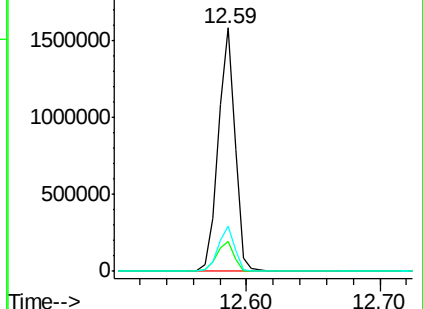
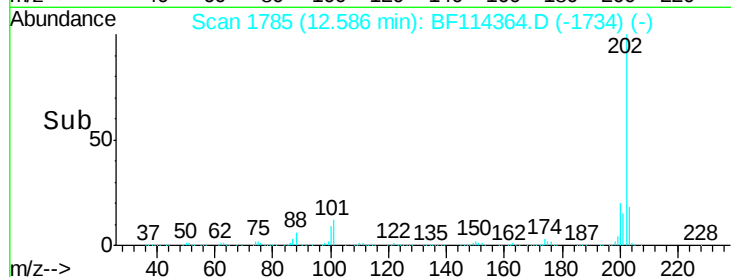
203 18.4 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

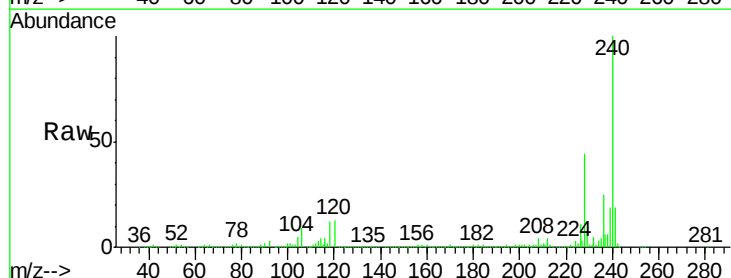
Tgt Ion:240 Resp: 472091

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

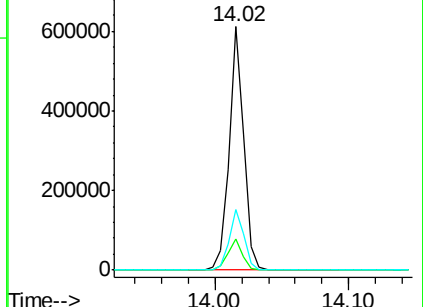
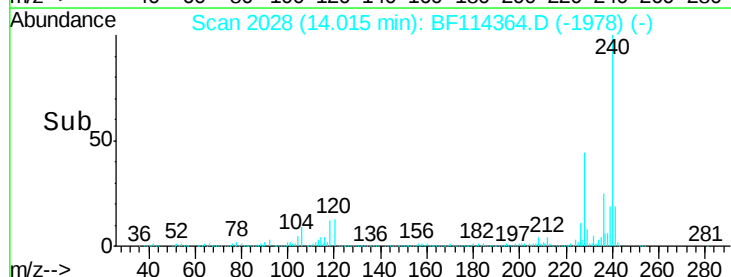
236 25.1 20.8 31.2

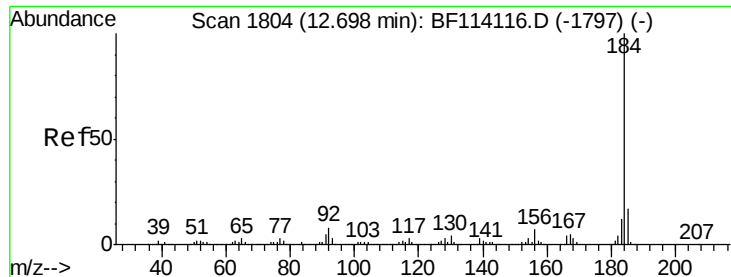


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.741 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampled :

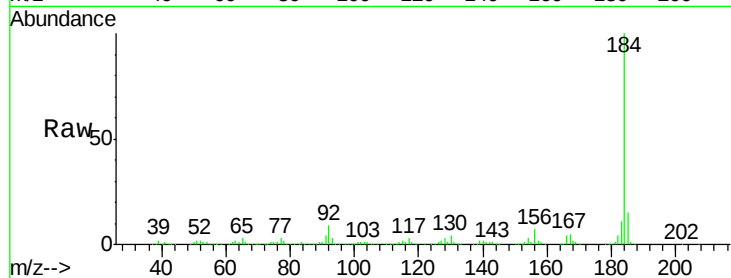
Tot Ion:184 Resp: 863365

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

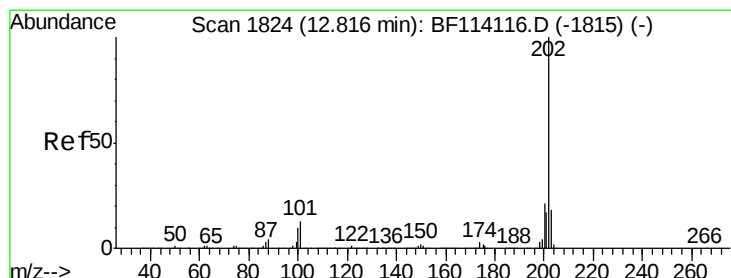
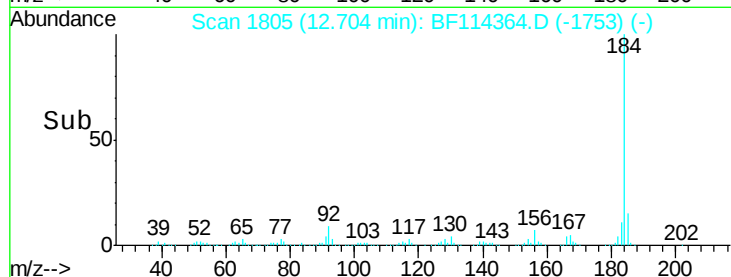
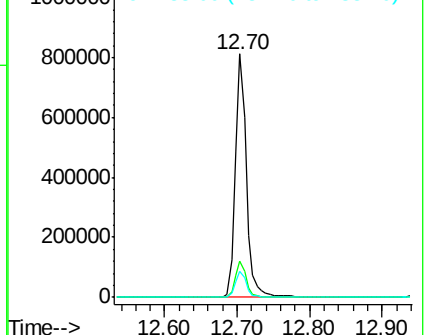
183 10.6 9.2 13.8



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: 38.067 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

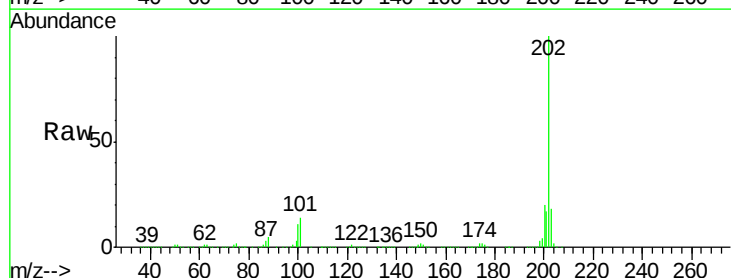
Tgt Ion:202 Resp: 1445668

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

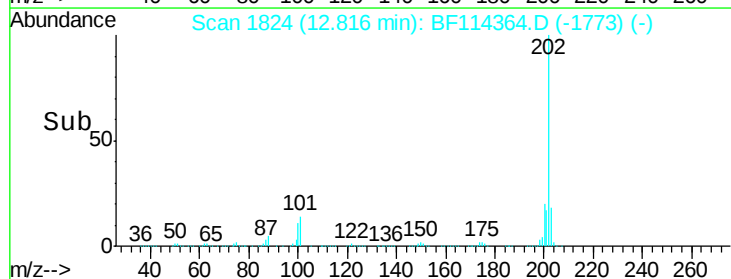
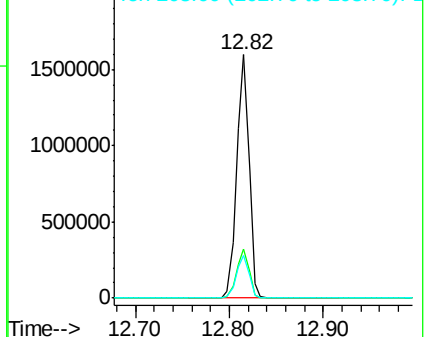
203 17.7 14.5 21.7

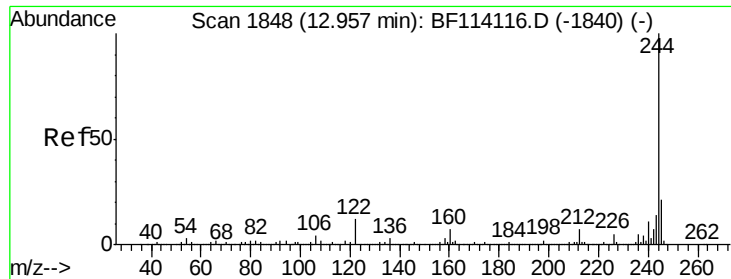


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

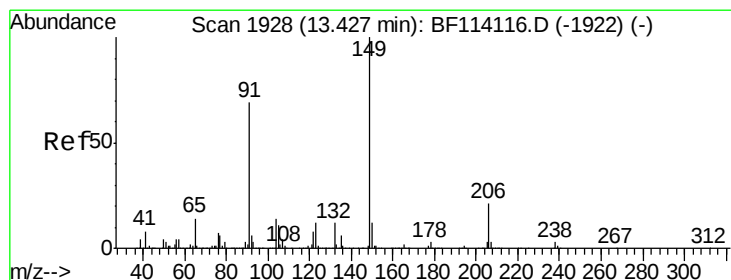
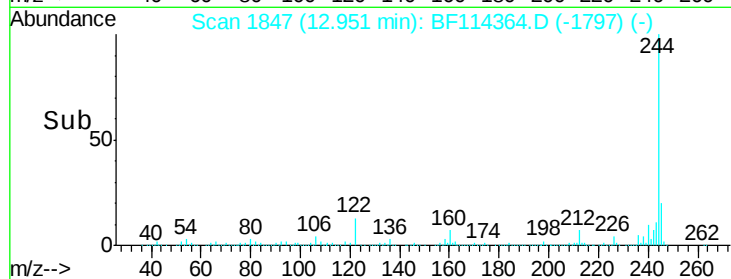
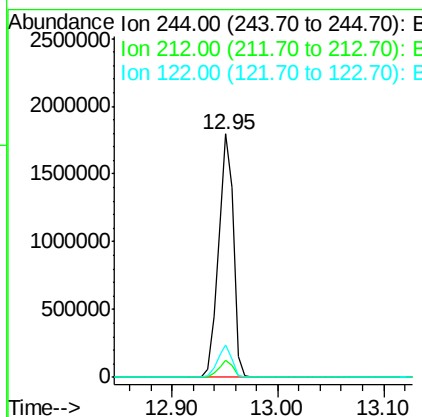
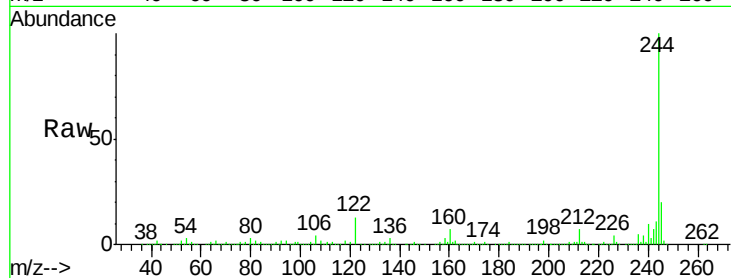




#79
 Terphenyl-d14
 Concen: 78.392 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

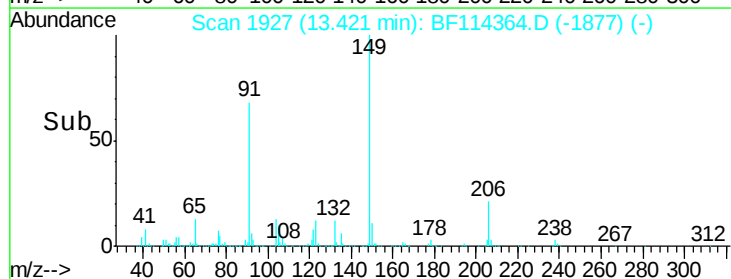
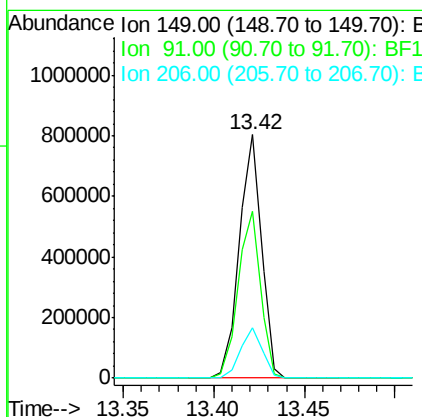
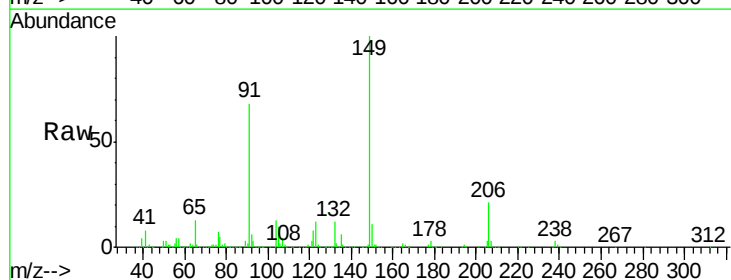
Instrument :
 BNA_F
 ClientSampled :

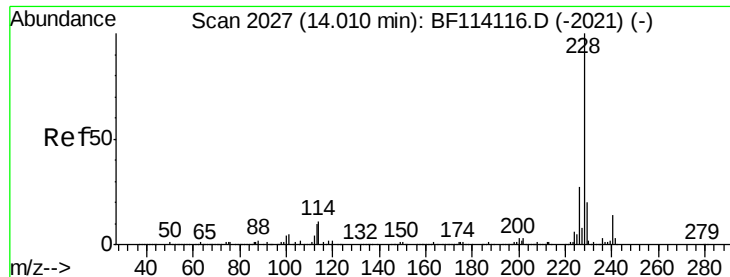
Tot Ion:244 Resp: 1795260
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.4 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 42.874 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion:149 Resp: 685340
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.0 82.4
 206 20.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.537 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

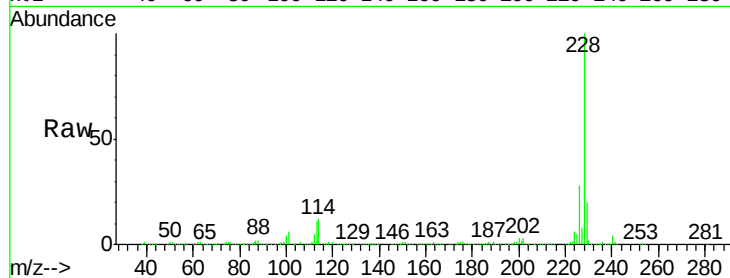
Tot Ion:228 Resp: 1298839

Ion Ratio Lower Upper

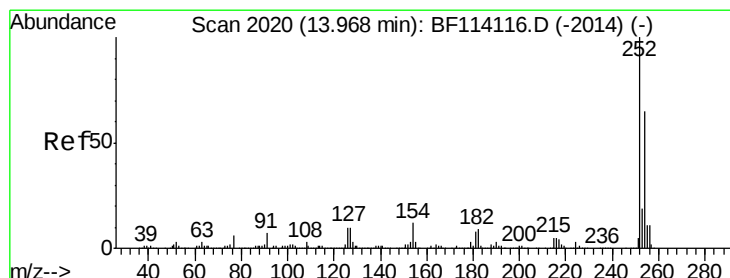
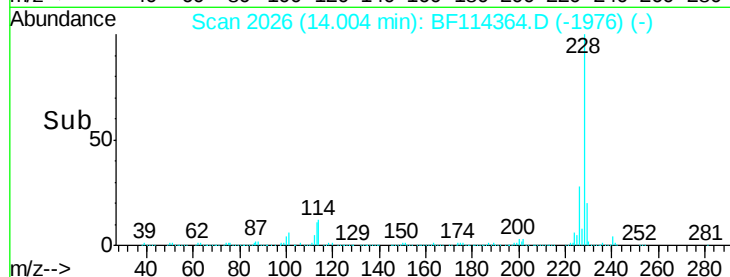
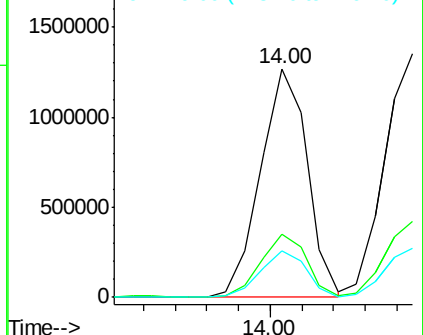
228 100

226 27.8 22.2 33.2

229 20.0 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: 45.515 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

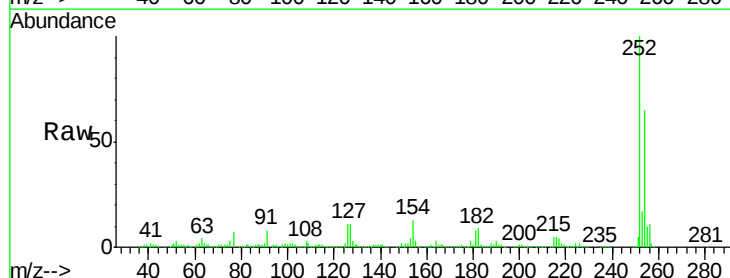
Tgt Ion:252 Resp: 539135

Ion Ratio Lower Upper

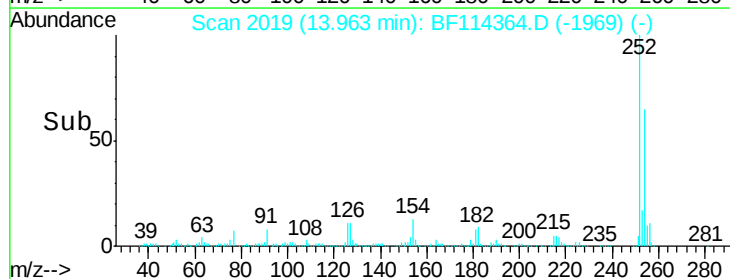
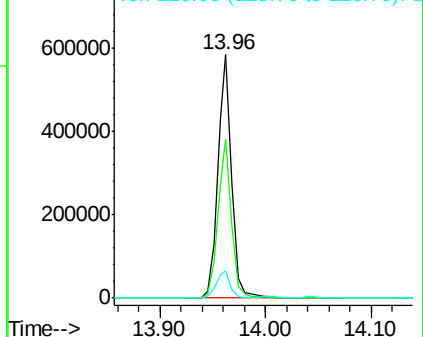
252 100

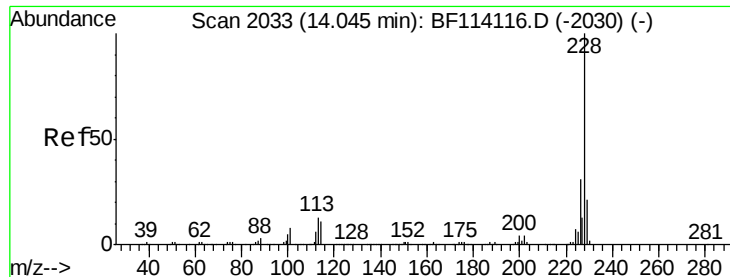
254 65.1 51.9 77.9

126 11.2 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

Chrvsene

Concen: 41.787 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

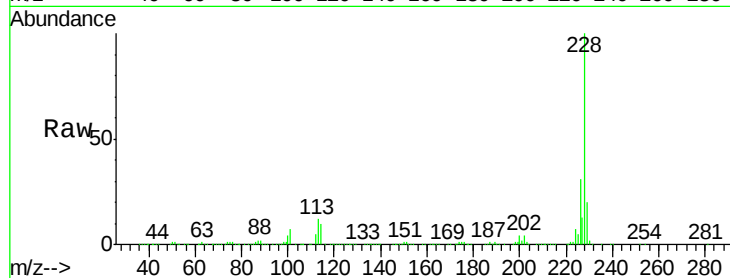
Tot Ion:228 Resp: 1250788

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

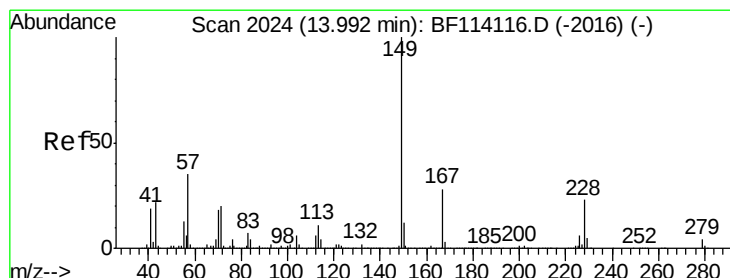
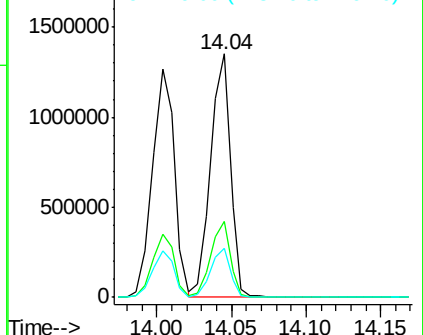
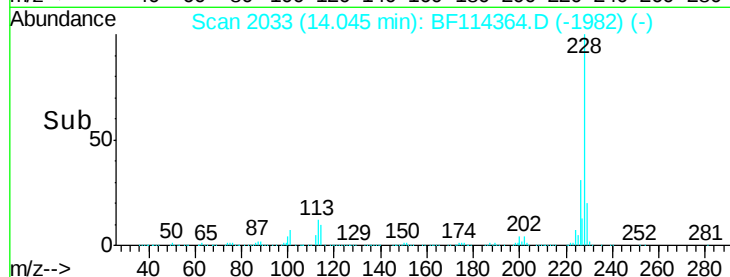
229 20.0 17.0 25.6



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: 44.089 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

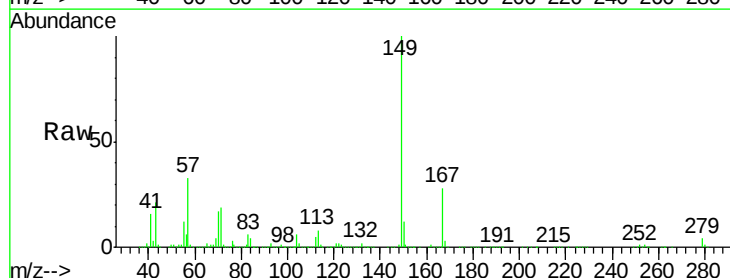
Tgt Ion:149 Resp: 921737

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

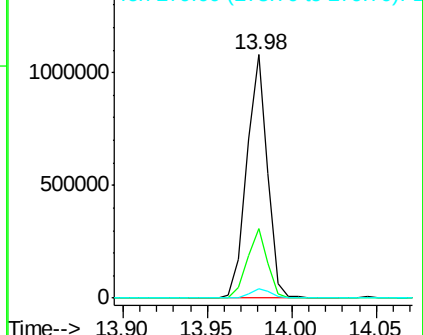
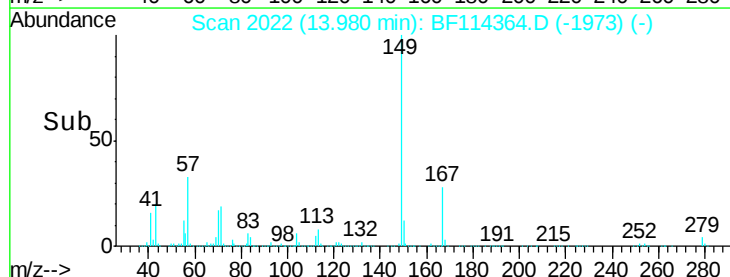
279 3.9 3.0 4.6

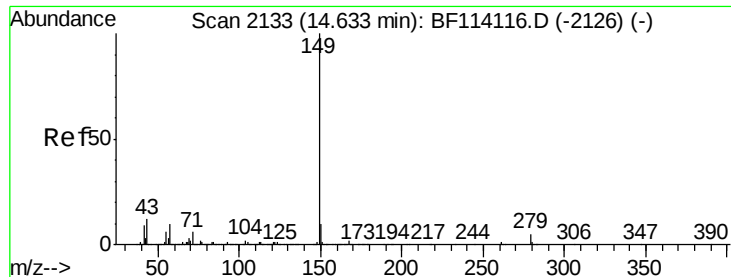


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

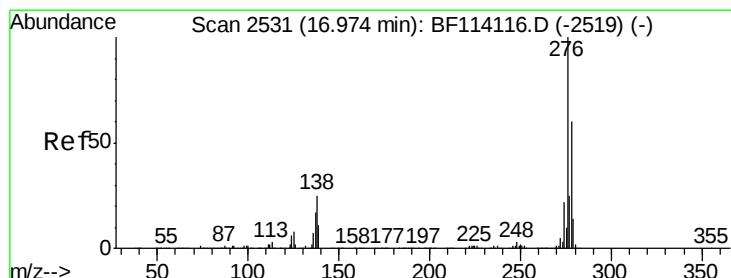
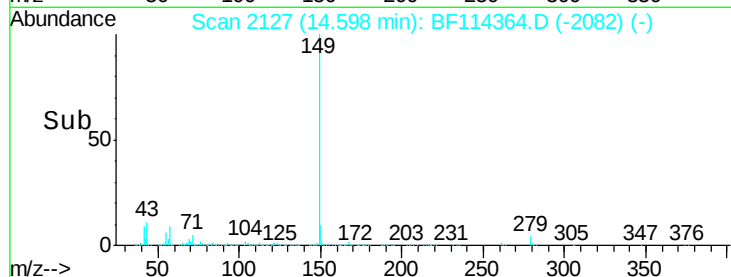
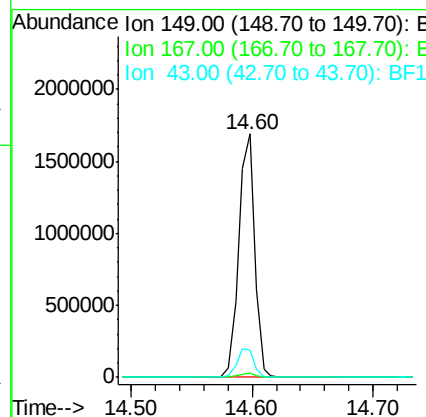
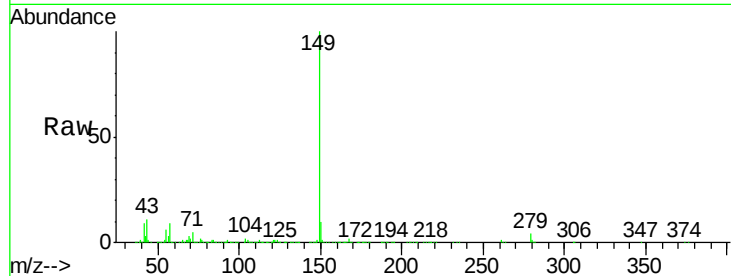




#85
Di-n-octyl phthalate
Concen: 46.092 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

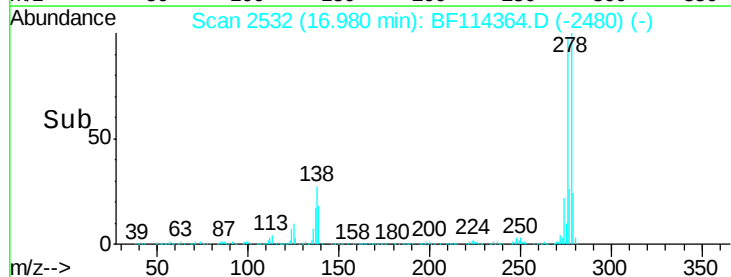
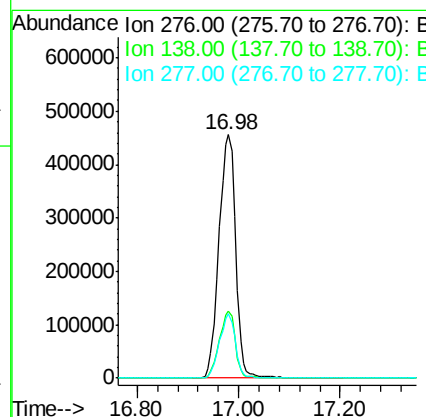
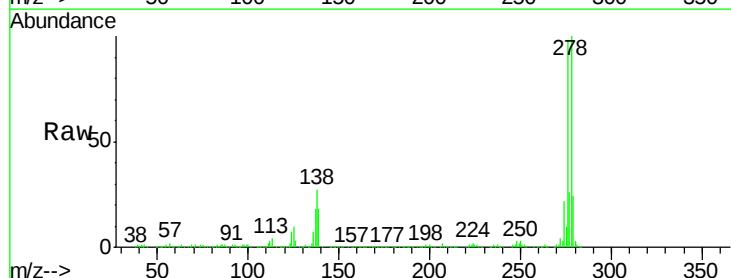
Instrument :
BNA_F
ClientSampled :

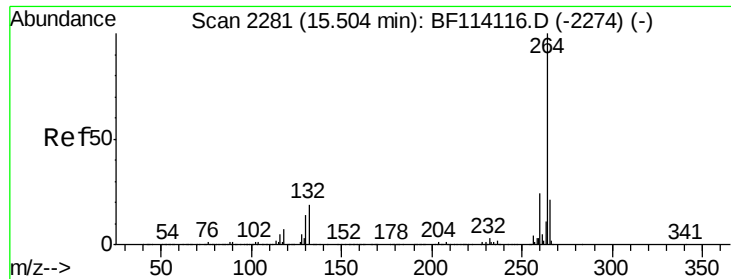
Tot Ion:149 Resp: 1562090
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.615 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:276 Resp: 1047971
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.2
277 25.2 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

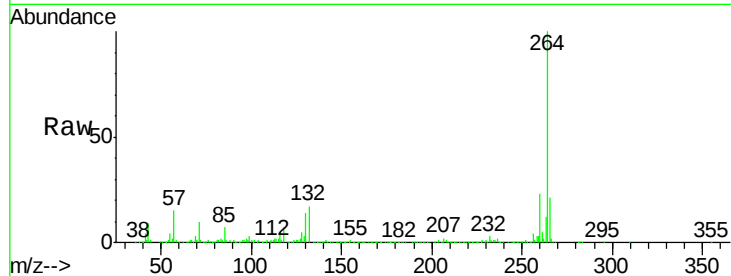
Tot Ion:264 Resp: 477552

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

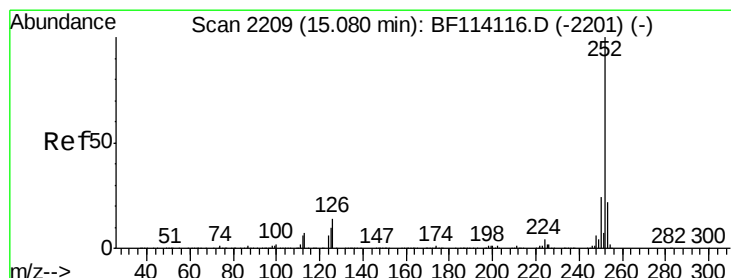
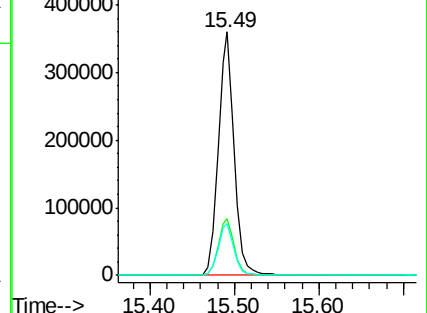
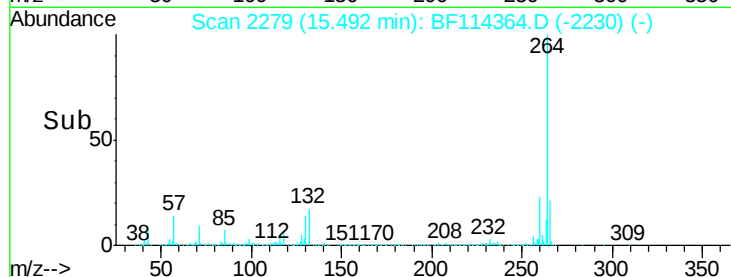
265 21.2 16.9 25.3



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: 45.597 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

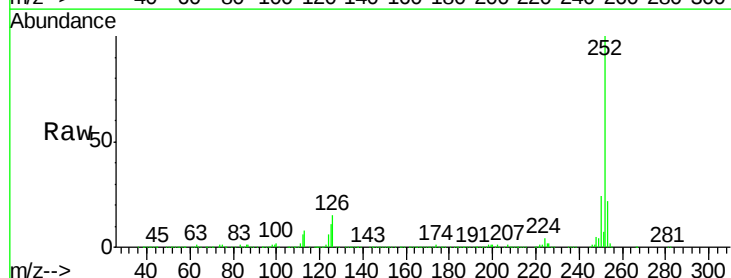
Tgt Ion:252 Resp: 1395012

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

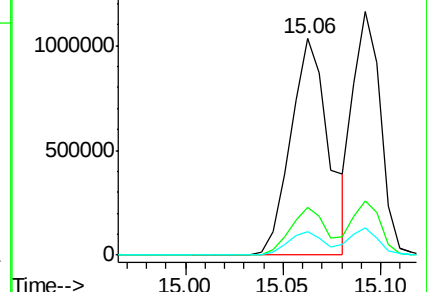
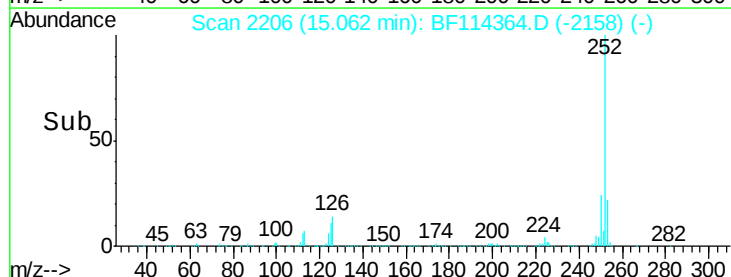
125 11.1 8.3 12.5

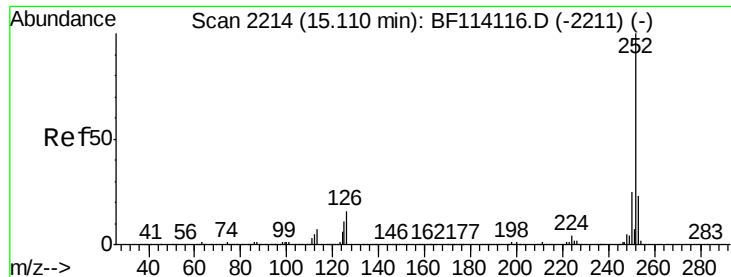


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

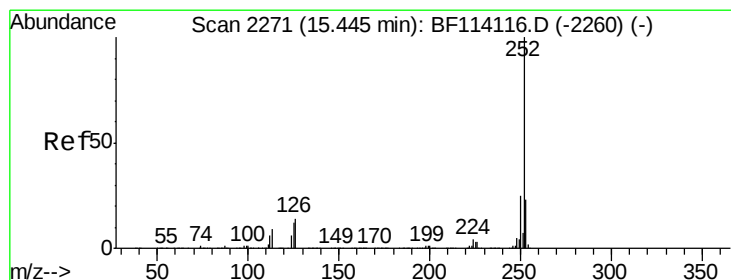
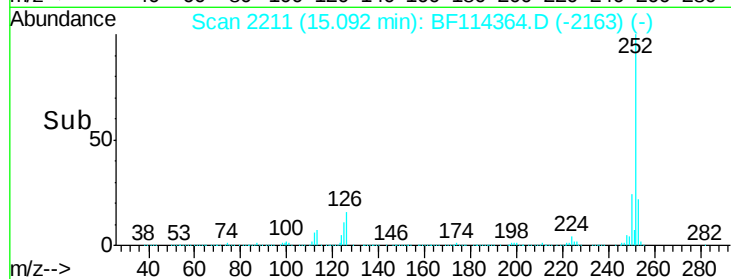
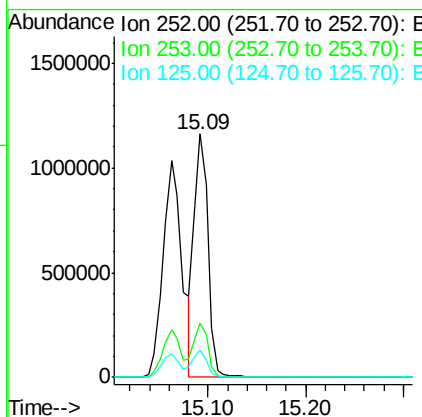
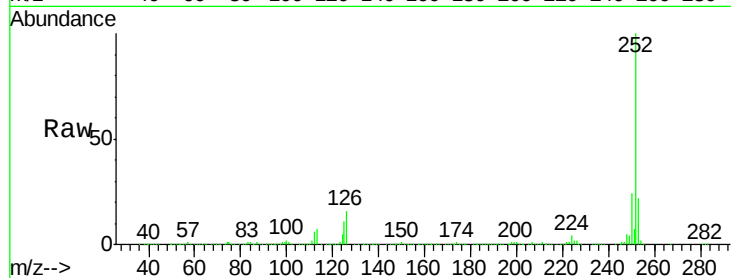




#89
Benzo(k)fluoranthene
Concen: 40.545 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

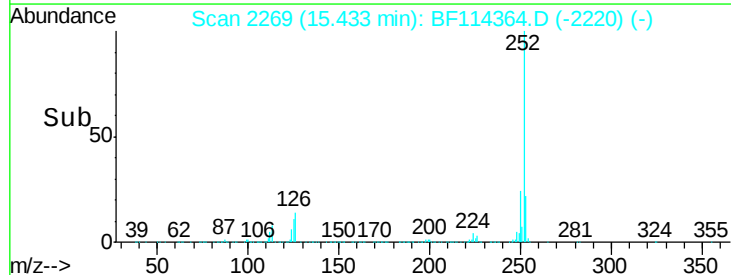
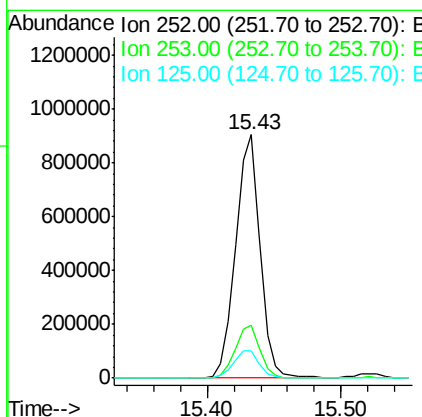
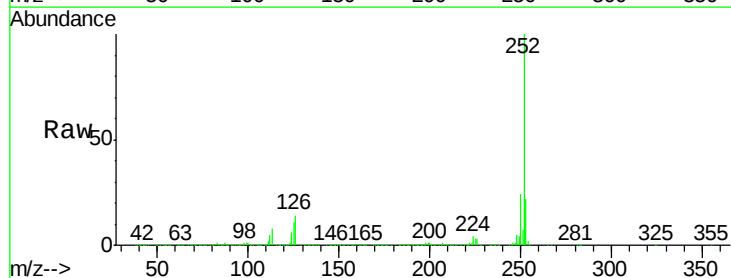
Instrument :
BNA_F
ClientSampleId :

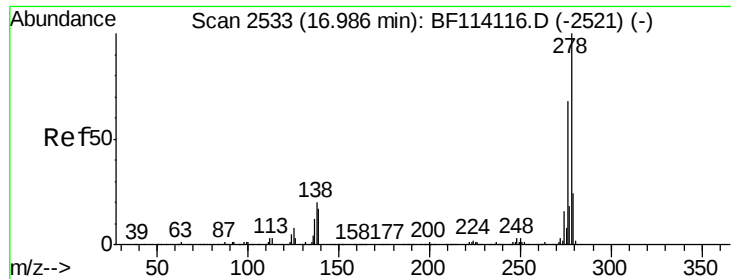
Tot Ion:252 Resp: 1139491
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.957 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:252 Resp: 1156660
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 39.192 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

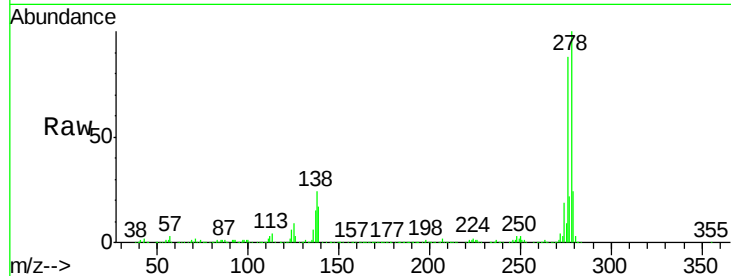
Tot Ion:278 Resp: 876894

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

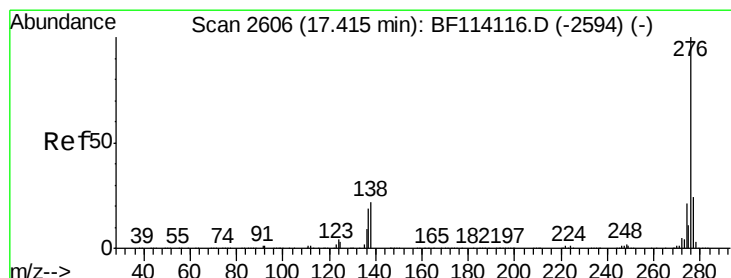
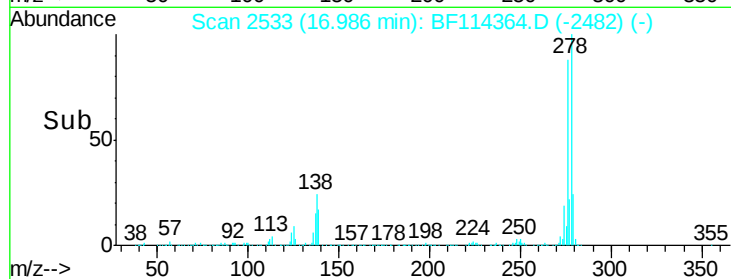
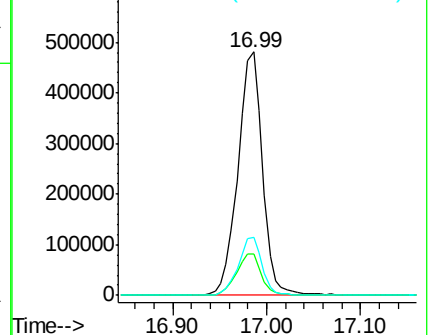
279 23.6 19.0 28.6



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: 36.362 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

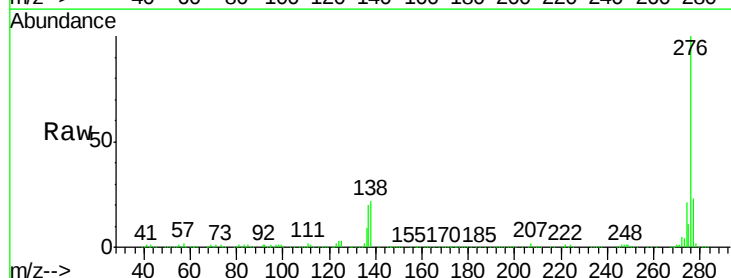
Tgt Ion:276 Resp: 815317

Ion Ratio Lower Upper

276 100

277 23.2 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

