

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114602.D
 Acq On : 25 May 2019 14:34
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:41:28 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140291	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	573198	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	274146	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	535955	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	363419	20.00	ng	-0.02
87) Perylene-d12	15.43	264	366208	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	702375	80.57	ng	-0.02
7) Phenol-d6	6.45	99	871943	84.57	ng	-0.01
23) Nitrobenzene-d5	7.37	82	837067	81.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	223572	78.88	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1548783	85.46	ng	-0.02
79) Terphenyl-d14	12.90	244	1542866	87.52	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	158262	33.028	ng	100
3) Pyridine	3.25	79	413655	31.332	ng	99
4) n-Nitrosodimethylamine	3.20	42	217320	34.135	ng	97
6) Aniline	6.47	93	612496	41.123	ng	# 80
8) 2-Chlorophenol	6.59	128	407751	43.813	ng	95
9) Benzaldehyde	6.36	77	252156	34.933	ng	97
10) Phenol	6.46	94	506034	41.720	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	396818	43.093	ng	99
12) 1,3-Dichlorobenzene	6.75	146	452770	43.341	ng	99
13) 1,4-Dichlorobenzene	6.82	146	461910	43.879	ng	98
14) 1,2-Dichlorobenzene	6.97	146	426238	44.319	ng	99
15) Benzyl Alcohol	6.95	79	327045	40.669	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	745626	41.761	ng	61
17) 2-Methylphenol	7.07	107	319954	41.851	ng	# 91
18) Hexachloroethane	7.31	117	173860	43.999	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	281913	43.136	ng	98
20) 3+4-Methylphenols	7.22	107	408694	46.270	ng	# 78
22) Acetophenone	7.22	105	545013	42.921	ng	# 90
24) Nitrobenzene	7.39	77	434328	41.751	ng	99
25) Isophorone	7.63	82	783327	41.353	ng	99
26) 2-Nitrophenol	7.70	139	218125	43.218	ng	96
27) 2,4-Dimethylphenol	7.75	122	324445	40.930	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	524937	42.710	ng	99
29) 2,4-Dichlorophenol	7.96	162	340543	43.144	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	381200	42.471	ng	98
31) Naphthalene	8.10	128	1159360	43.300	ng	98
32) Benzoic acid	7.90	122	198146	36.950	ng	98
33) 4-Chloroaniline	8.16	127	527751	43.254	ng	97
34) Hexachlorobutadiene	8.22	225	224237	43.908	ng	98
35) Caprolactam	8.53	113	108139	42.016	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	350382	44.100	ng	99
37) 2-Methylnaphthalene	8.80	142	777539	45.009	ng	98
38) 1-Methylnaphthalene	8.90	142	735220	45.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	360511	43.412	ng	100

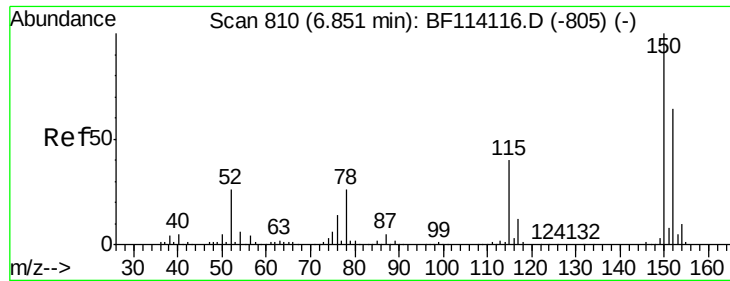
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114602.D
 Acq On : 25 May 2019 14:34
 Operator : JU/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	136395	37.673	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	225696	39.512	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	227386	38.817	ng	96
46) 1,1'-Biphenyl	9.26	154	966253	43.629	ng	96
47) 2-Chloronaphthalene	9.29	162	764426	42.888	ng	99
48) 2-Nitroaniline	9.39	65	257137	40.678	ng	93
49) Acenaphthylene	9.70	152	1149367	42.398	ng	98
50) Dimethylphthalate	9.56	163	868839	43.172	ng	99
51) 2,6-Dinitrotoluene	9.63	165	187149	41.927	ng	95
52) Acenaphthene	9.87	154	690193	41.490	ng	99
53) 3-Nitroaniline	9.80	138	231317	41.747	ng	98
54) 2,4-Dinitrophenol	9.93	184	82598	40.443	ng	94
55) Dibenzofuran	10.05	168	985495	40.400	ng	98
56) 4-Nitrophenol	9.99	139	128103	32.692	ng	96
57) 2,4-Dinitrotoluene	10.04	165	229544	37.888	ng	# 76
58) Fluorene	10.39	166	821327	43.591	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189813	37.553	ng	98
60) Diethylphthalate	10.26	149	878446	42.960	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	407430	44.027	ng	98
62) 4-Nitroaniline	10.42	138	219098	37.629	ng	96
63) Azobenzene	10.54	77	816688	41.262	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	111053	43.122	ng	84
66) n-Nitrosodiphenylamine	10.50	169	712889	43.826	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	256566	43.478	ng	96
68) Hexachlorobenzene	10.95	284	276513	42.357	ng	93
69) Atrazine	11.02	200	215095	42.492	ng	98
70) Pentachlorophenol	11.15	266	113935	36.817	ng	99
71) Phenanthrene	11.35	178	1133041	43.453	ng	99
72) Anthracene	11.40	178	1153412	44.040	ng	99
73) Carbazole	11.56	167	1083209	43.373	ng	98
74) Di-n-butylphthalate	11.88	149	1395839	48.513	ng	99
75) Fluoranthene	12.54	202	1209427	43.072	ng	99
77) Benzidine	12.66	184	579247	35.508	ng	97
78) Pyrene	12.77	202	1208189	41.326	ng	100
80) Butylbenzylphthalate	13.37	149	583080	47.384	ng	100
81) Benzo(a)anthracene	13.96	228	1027961	43.732	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	419887	46.048	ng	99
83) Chrysene	14.00	228	995670	43.211	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	811967	50.452	ng	99
85) Di-n-octyl phthalate	14.54	149	1334134	51.137	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	904151	44.399	ng	99
88) Benzo(b)fluoranthene	15.00	252	1046714	44.614	ng	100
89) Benzo(k)fluoranthene	15.03	252	860863	39.944	ng	99
90) Benzo(a)pyrene	15.37	252	869513	42.111	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	750636	43.750	ng	98
92) Benzo(g,h,i)perylene	17.33	276	746648	43.424	ng	99

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

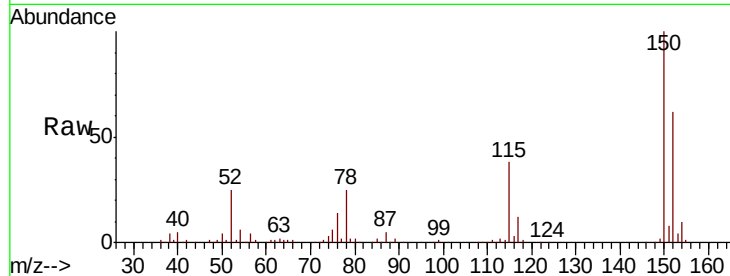


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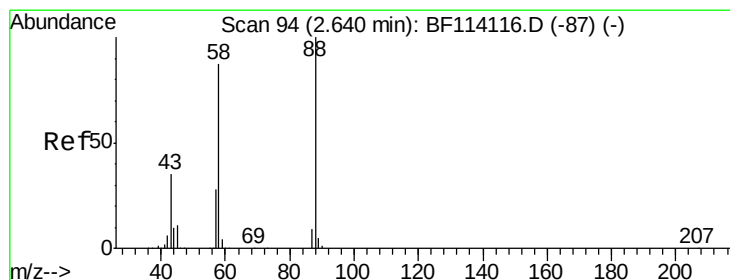
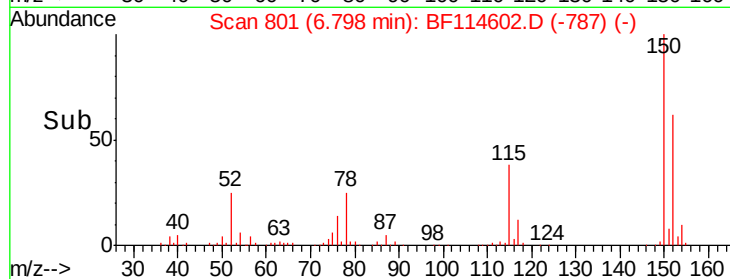
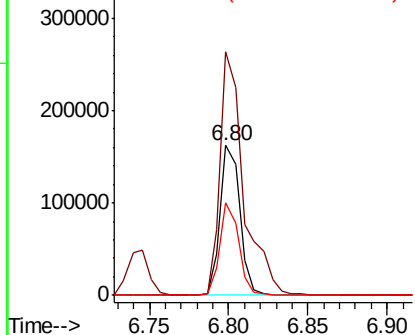
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.3	186.5
115	61.7	49.1	73.7



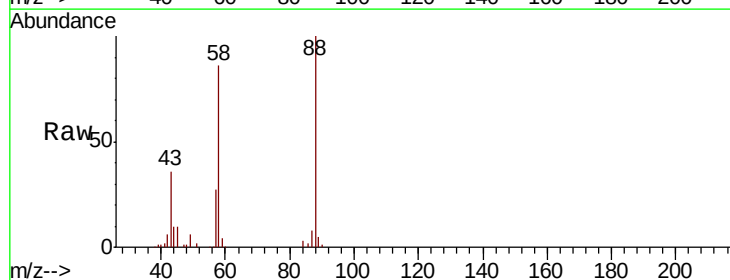
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



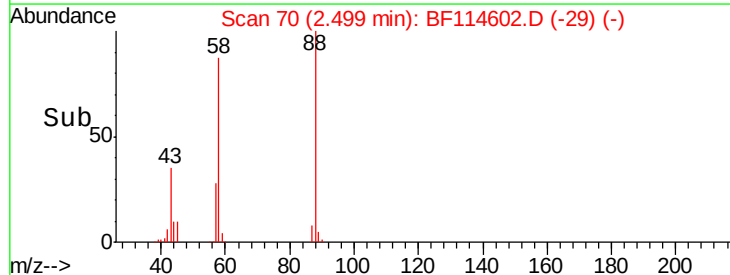
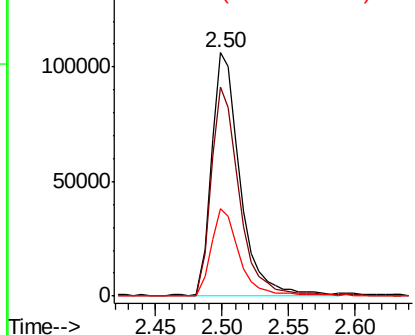
#2

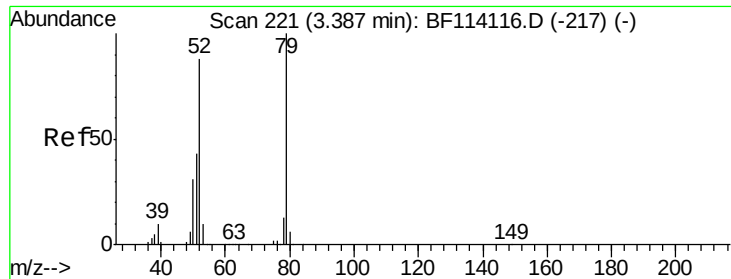
1,4-Dioxane
Concen: 33.028 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.06 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.7	103.1
43	35.6	28.2	42.2



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





#3

Pvridine

Concen: 31.332 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

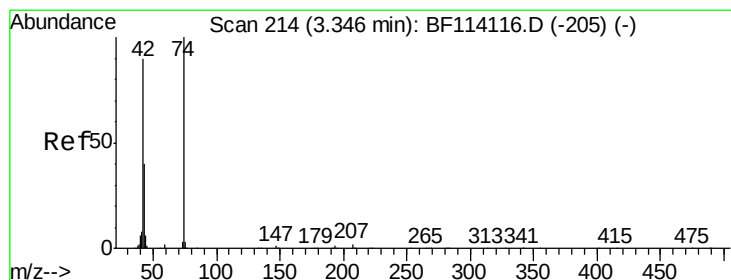
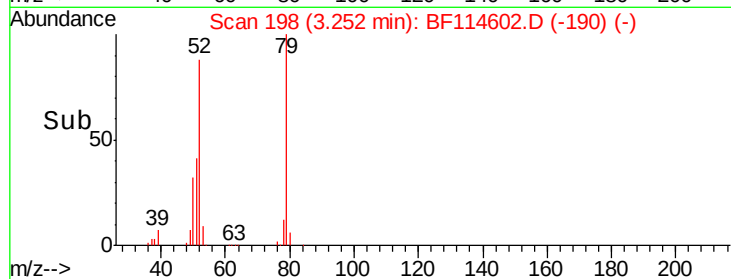
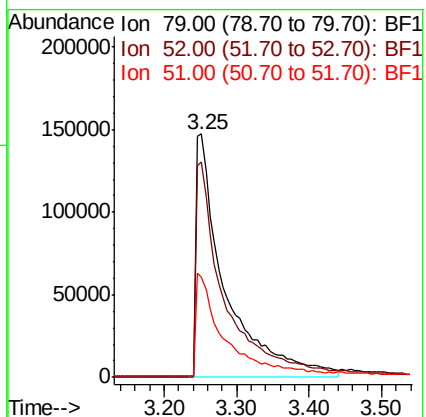
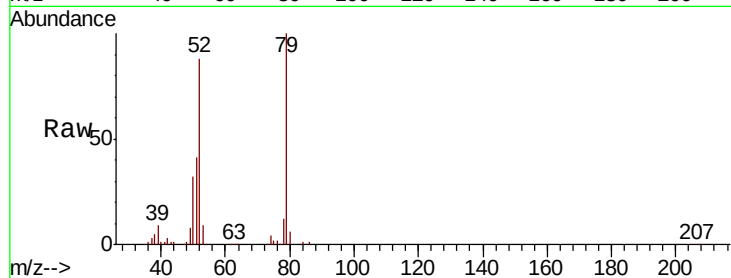
Tot Ion: 79 Resp: 413655

Ion Ratio Lower Upper

79 100

52 88.3 70.6 105.8

51 41.3 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 34.135 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.06 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

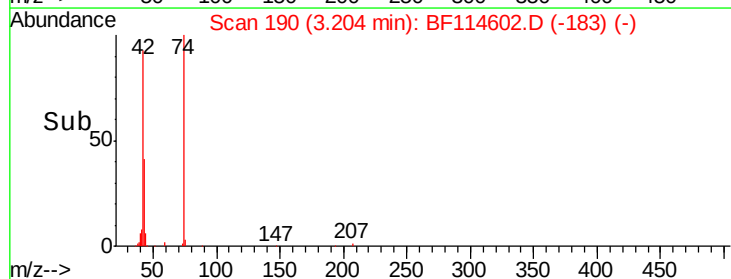
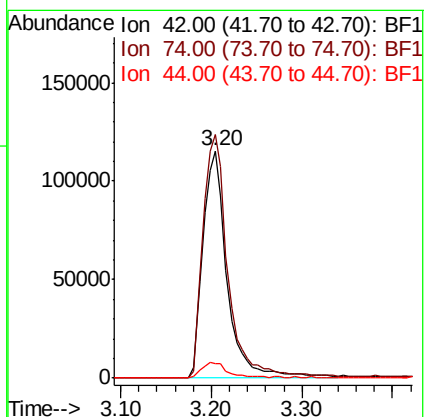
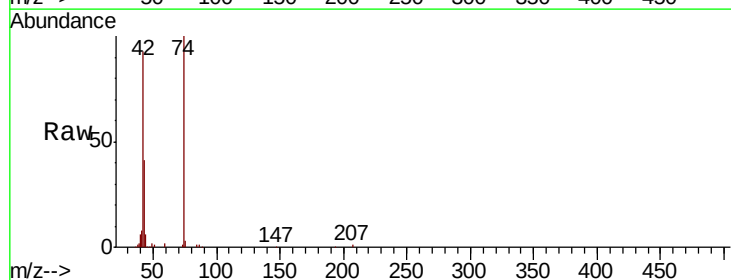
Tgt Ion: 42 Resp: 217320

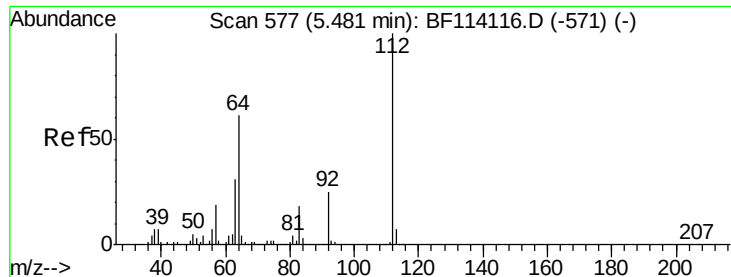
Ion Ratio Lower Upper

42 100

74 107.1 88.6 132.8

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 80.569 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

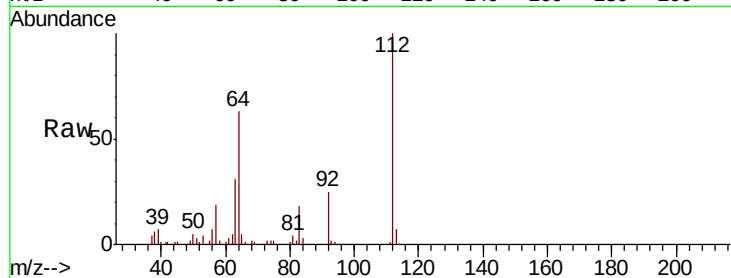
Tot Ion:112 Resp: 702375

Ion Ratio Lower Upper

112 100

64 62.8 49.0 73.6

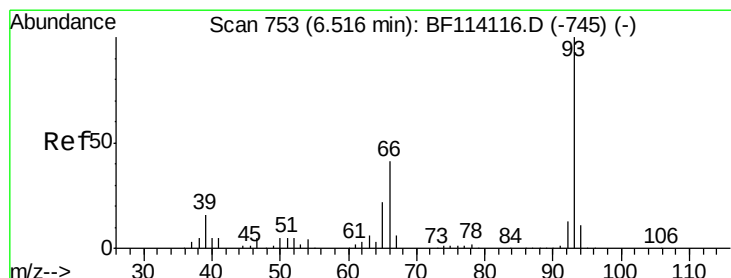
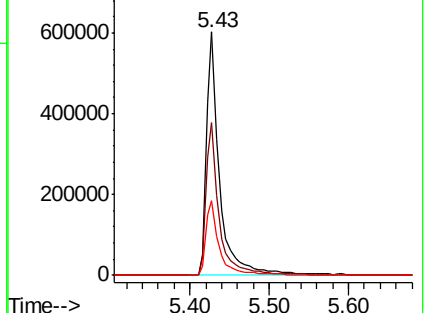
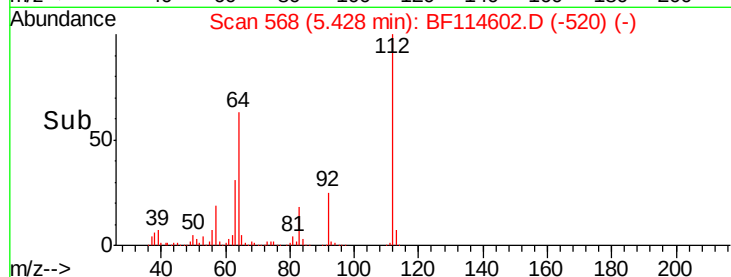
63 30.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.123 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

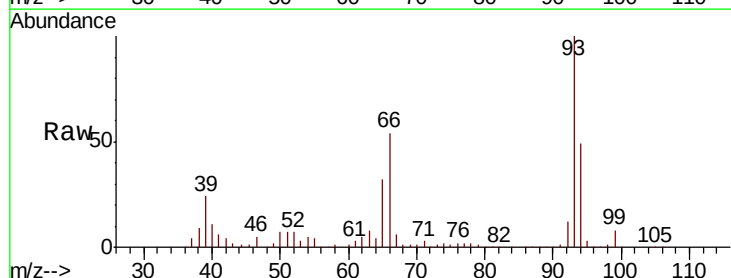
Tgt Ion: 93 Resp: 612496

Ion Ratio Lower Upper

93 100

66 54.1 33.2 49.8#

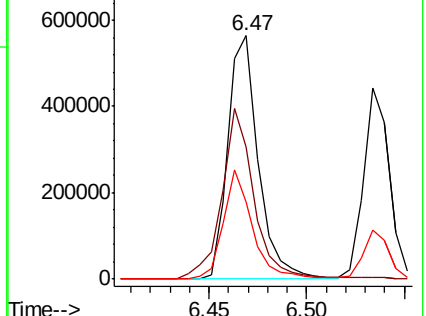
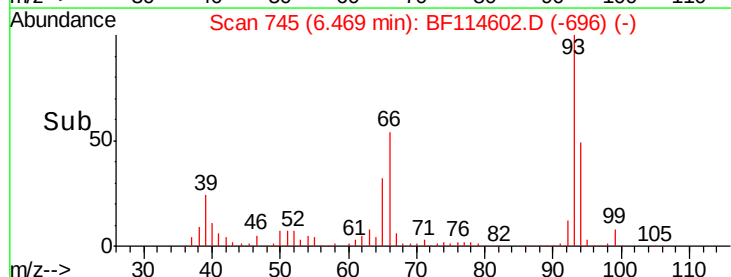
65 31.6 17.6 26.4#

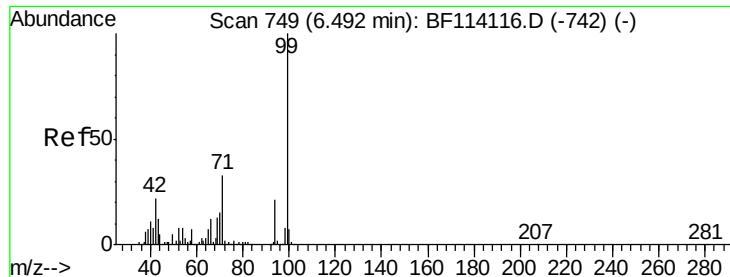


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.567 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

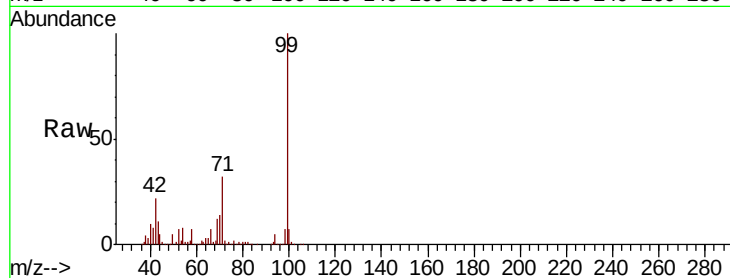
Tot Ion: 99 Resp: 871943

Ion Ratio Lower Upper

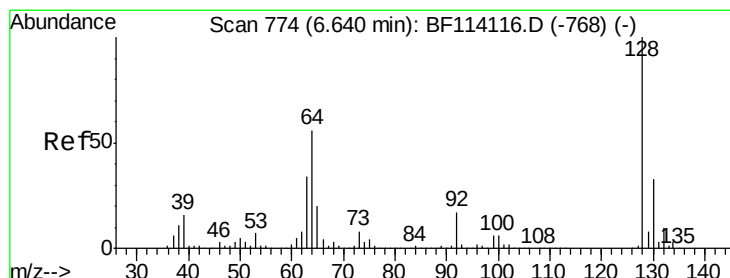
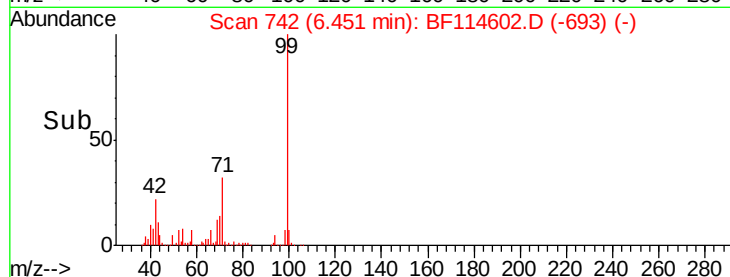
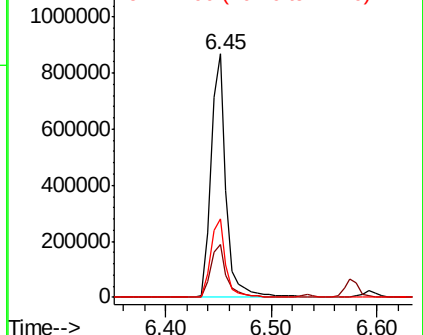
99 100

42 21.8 17.9 26.9

71 32.3 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: 43.813 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

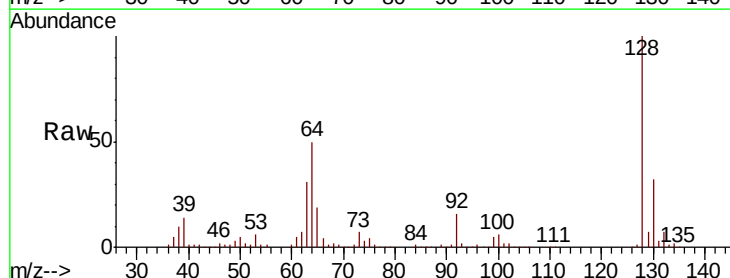
Tgt Ion: 128 Resp: 407751

Ion Ratio Lower Upper

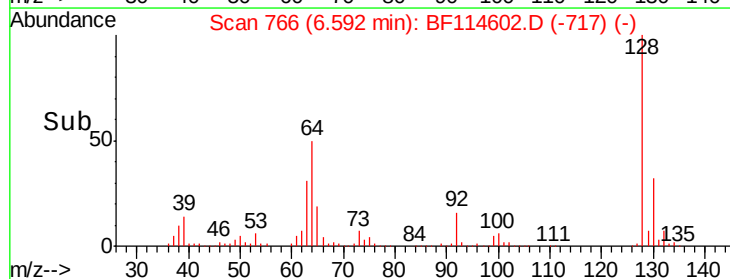
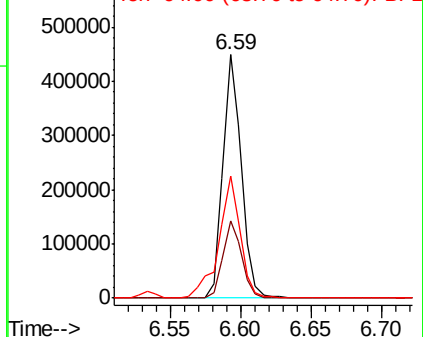
128 100

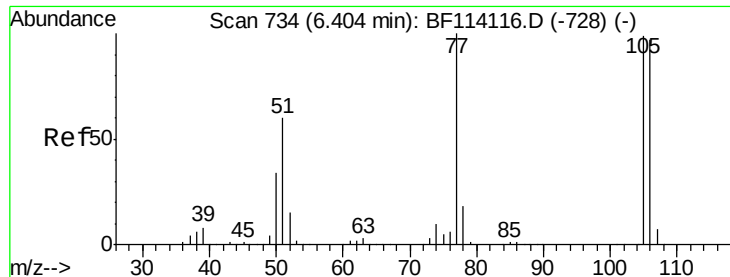
130 31.9 12.6 52.6

64 50.4 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.933 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

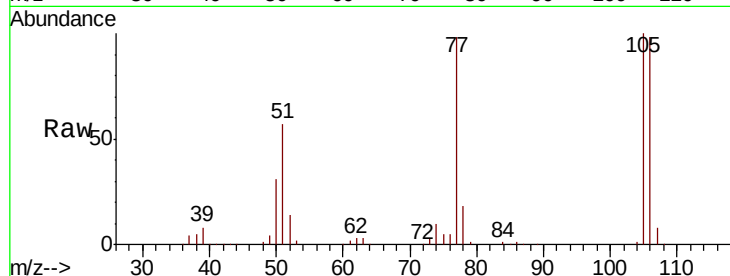
Tot Ion: 77 Resp: 252156

Ion Ratio Lower Upper

77 100

105 102.1 79.3 119.3

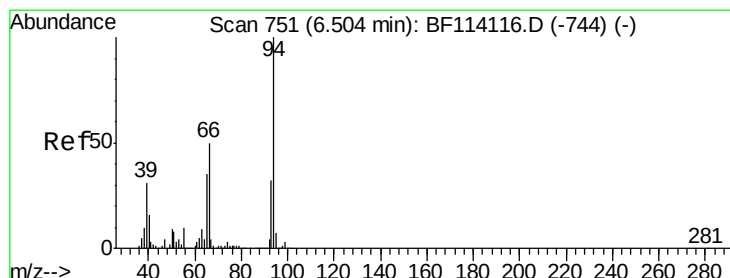
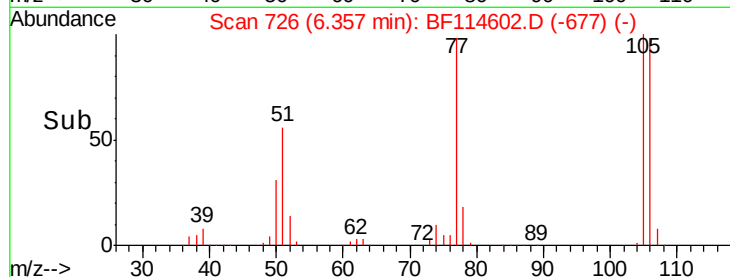
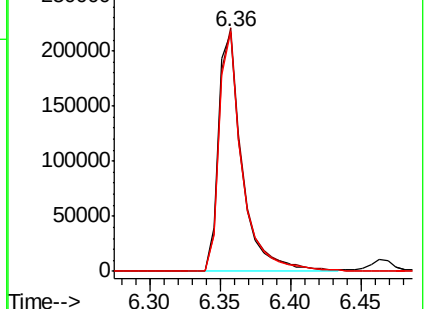
106 100.4 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.720 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

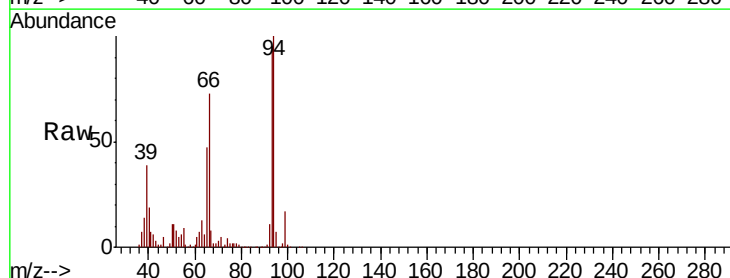
Tgt Ion: 94 Resp: 506034

Ion Ratio Lower Upper

94 100

65 46.7 14.7 54.7

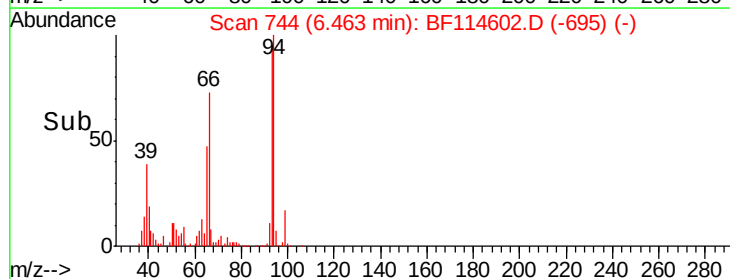
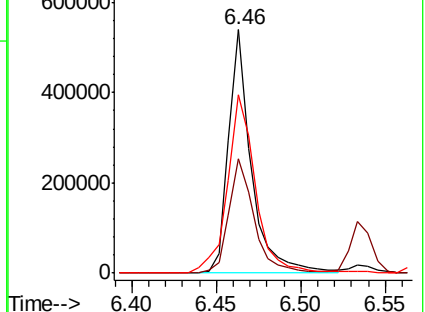
66 73.3 29.6 69.6#

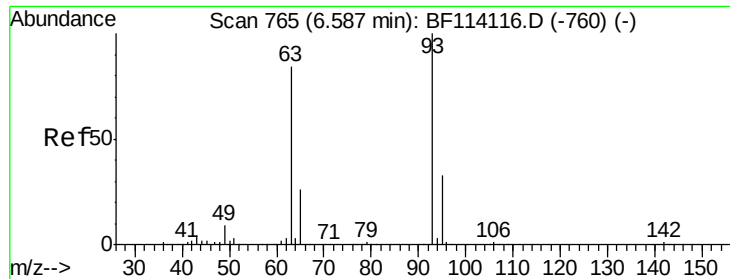


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.093 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

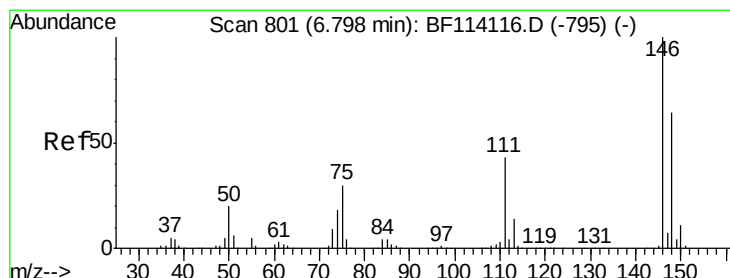
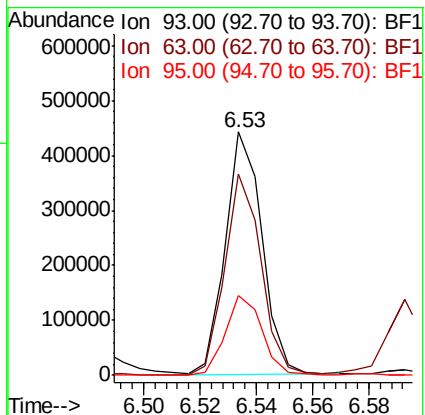
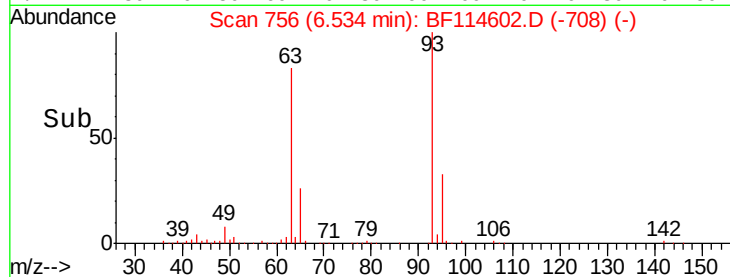
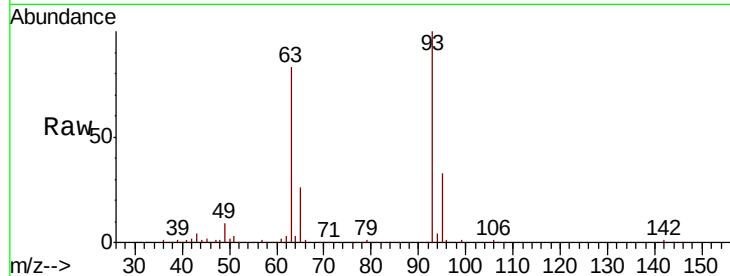
Tot Ion: 93 Resp: 396818

Ion Ratio Lower Upper

93 100

63 82.7 63.6 103.6

95 32.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 43.341 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

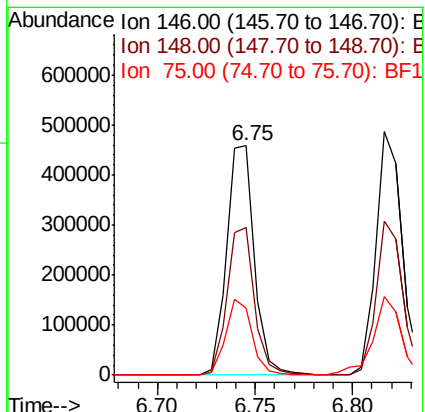
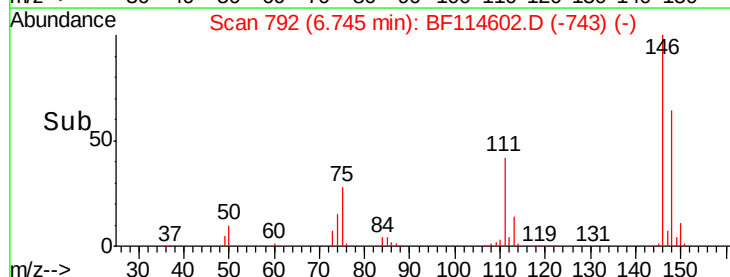
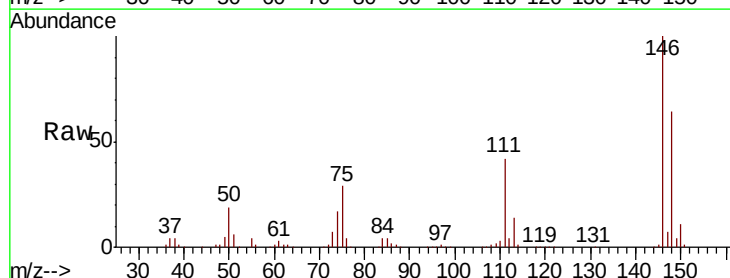
Tgt Ion: 146 Resp: 452770

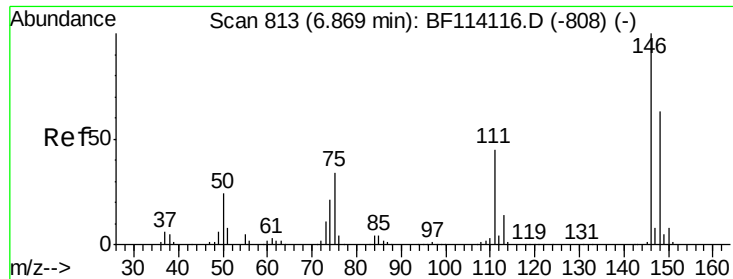
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 29.2 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 43.879 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

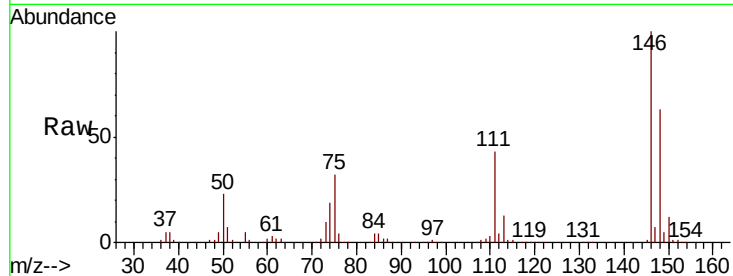
Tot Ion:146 Resp: 461910

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

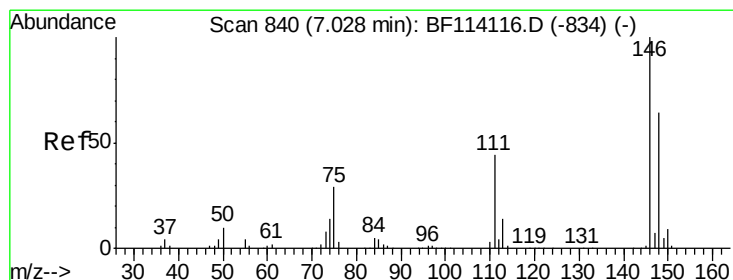
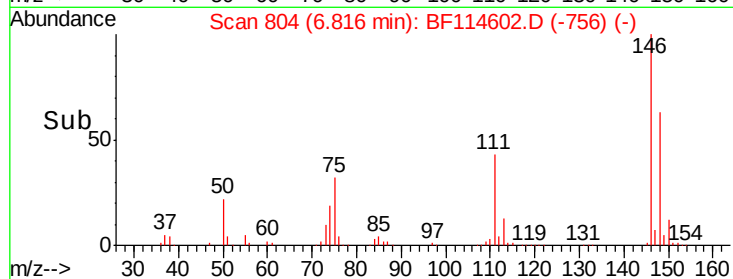
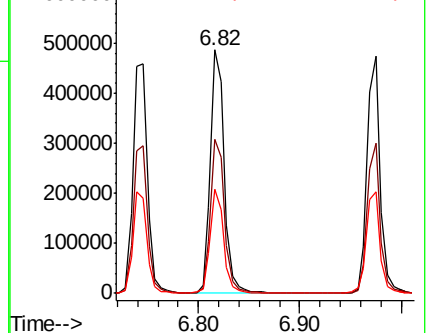
111 43.0 35.8 53.6



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: 44.319 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

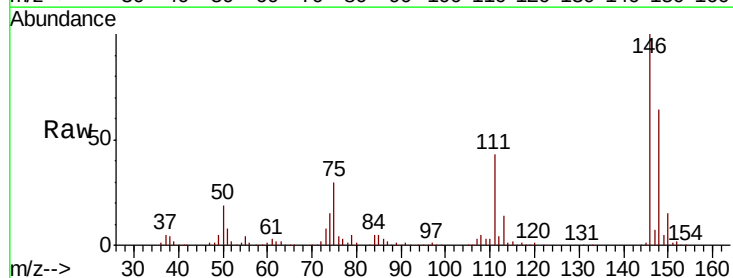
Tgt Ion:146 Resp: 426238

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

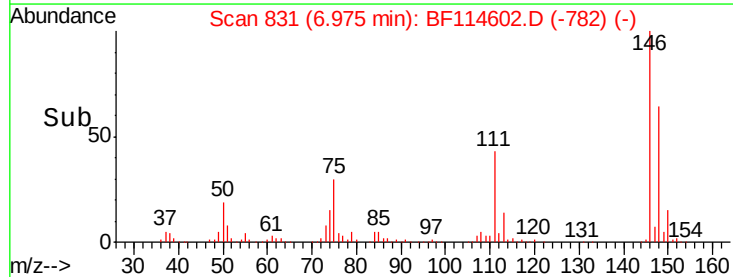
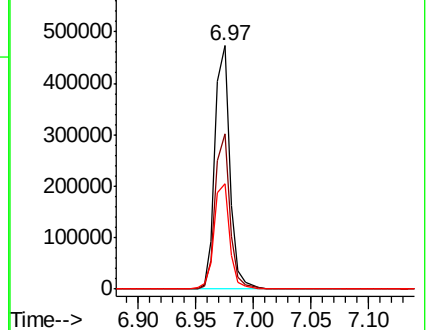
111 43.2 35.3 52.9

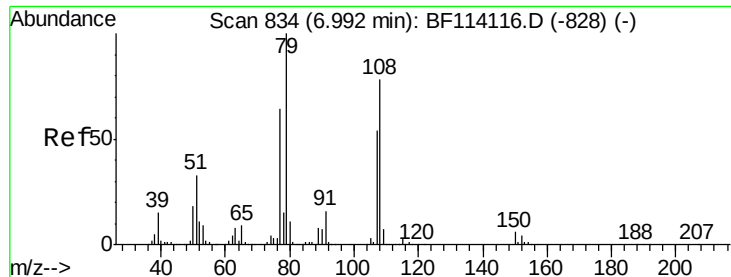


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.669 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

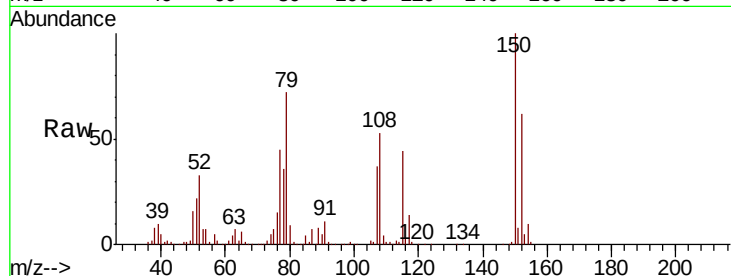
Tot Ion: 79 Resp: 327045

Ion Ratio Lower Upper

79 100

108 74.4 62.1 93.1

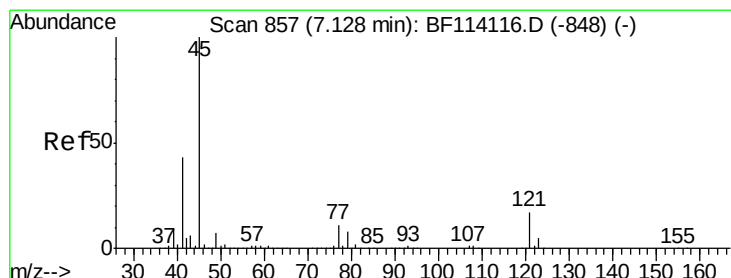
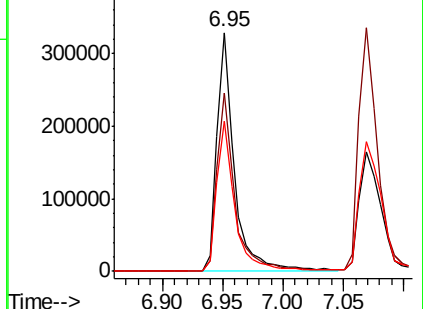
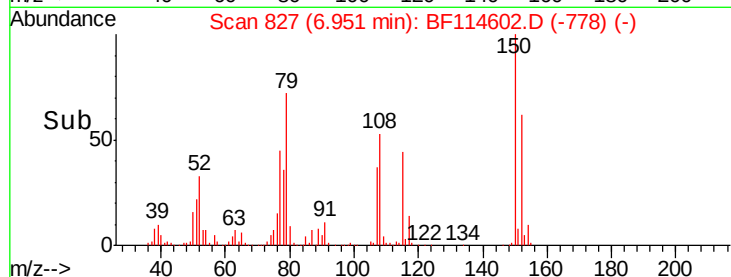
77 62.7 51.0 76.6



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: 41.761 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

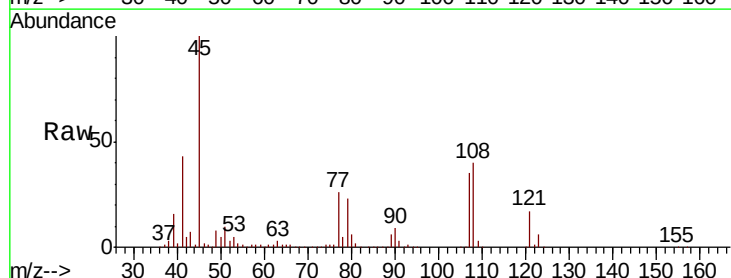
Tgt Ion: 45 Resp: 745626

Ion Ratio Lower Upper

45 100

77 25.6 0.0 31.1

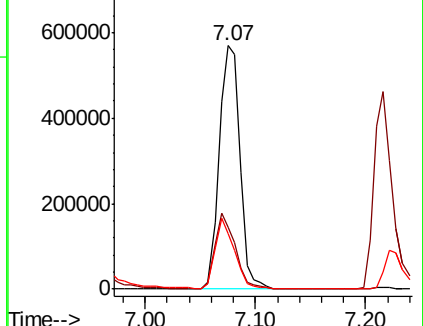
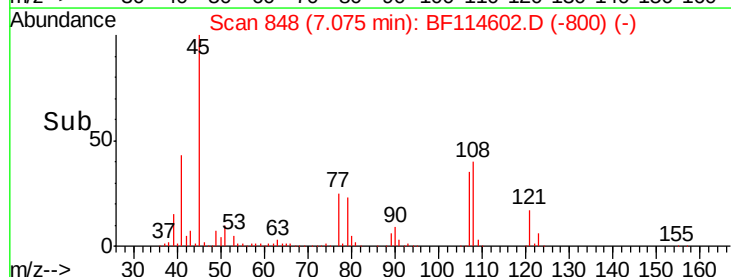
79 23.0 0.0 28.4

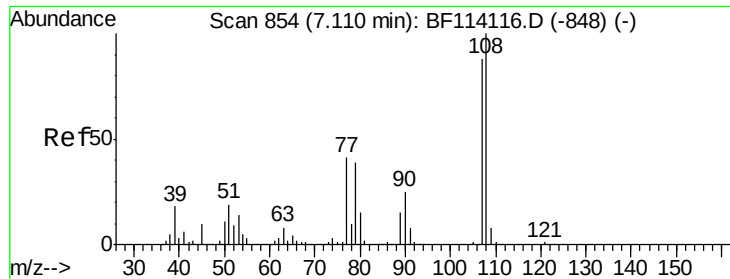


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

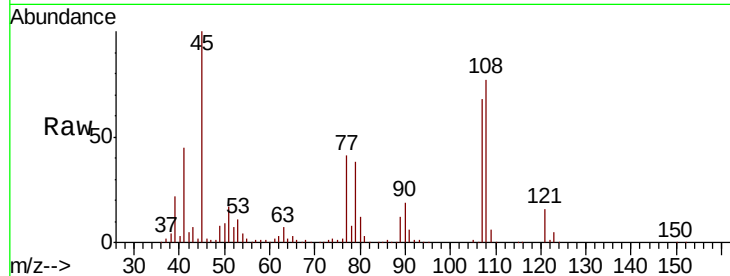




#17
2-Methylphenol
Concen: 41.851 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.5	135.7
77	59.7	37.0	55.4
79	54.9	35.8	53.8



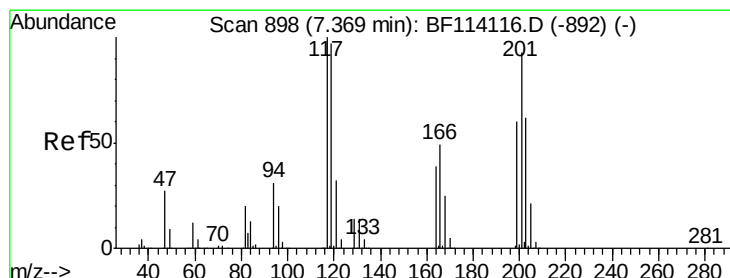
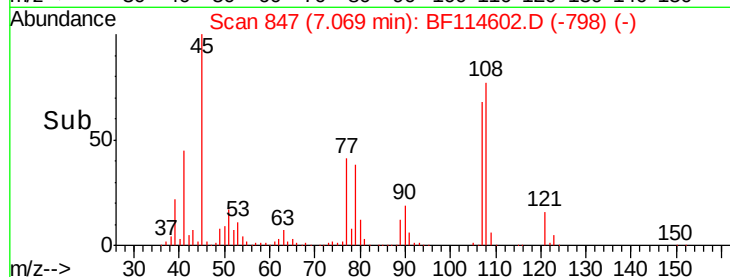
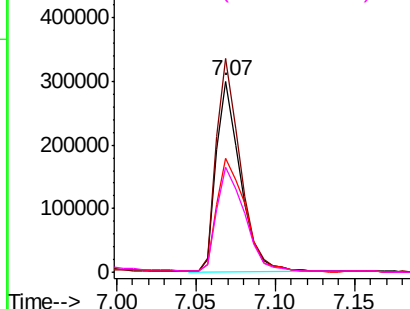
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

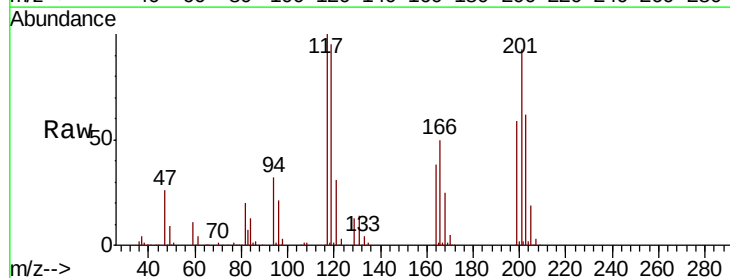
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.999 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
201	93.4	74.5	111.7

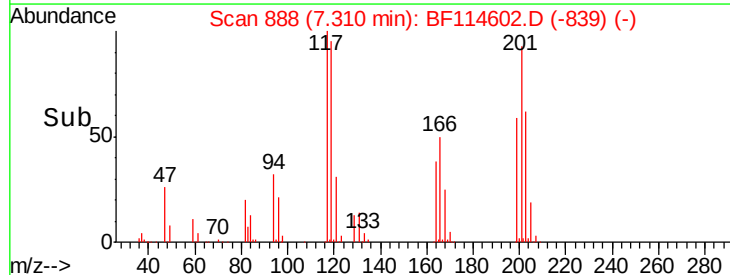
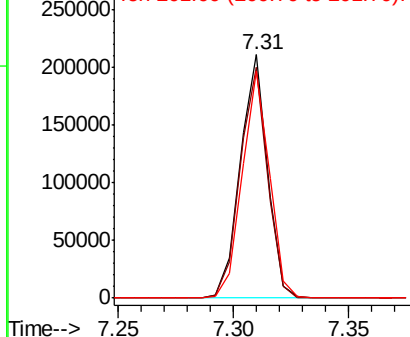


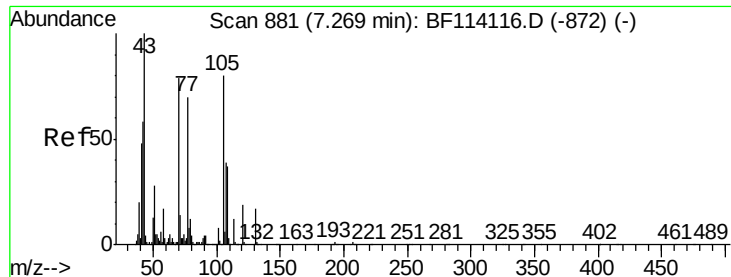
Abundance

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

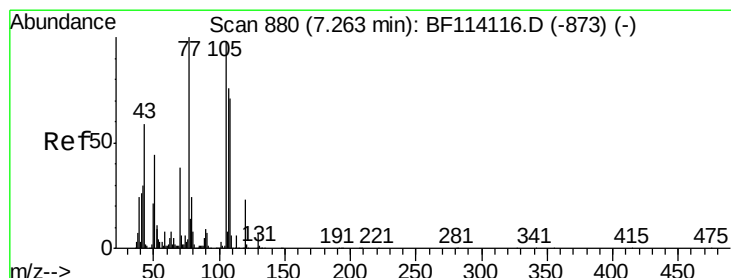
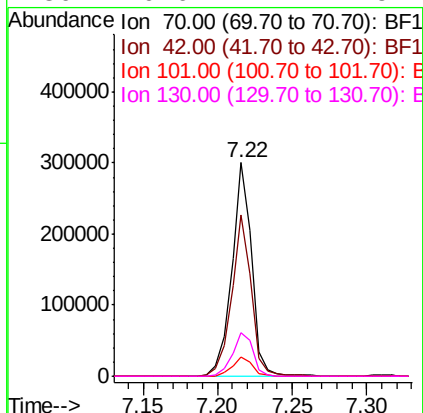
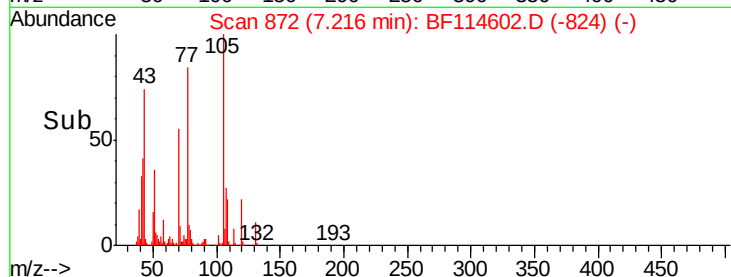
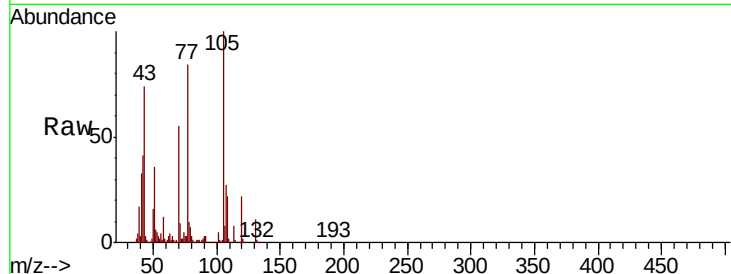




#19
n-Nitroso-di-n-propylamine
Concen: 43.136 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

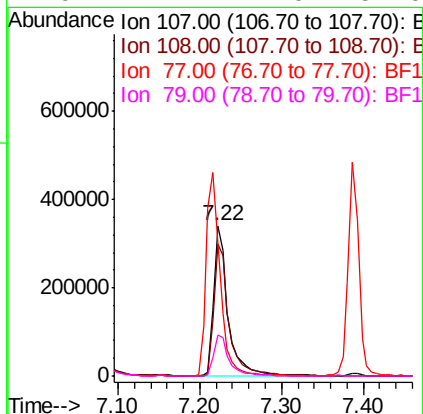
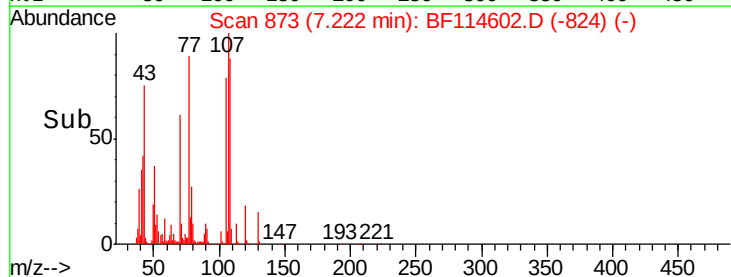
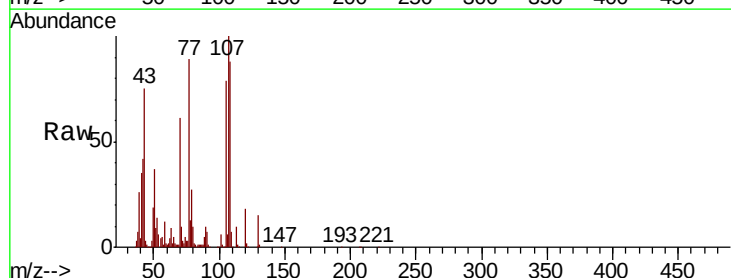
Instrument :
BNA_F
ClientSampleId :

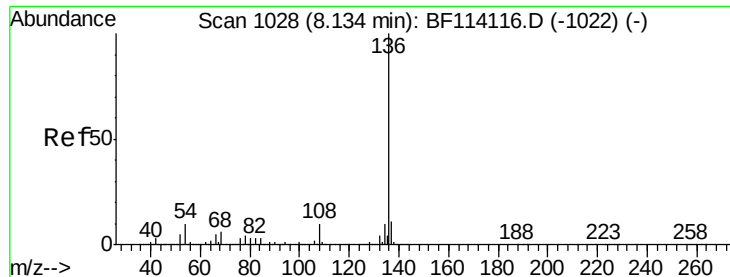
Tot Ion: 70 Resp: 281913
Ion Ratio Lower Upper
70 100
42 75.4 58.6 87.8
101 9.2 7.8 11.8
130 20.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 46.270 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:107 Resp: 408694
Ion Ratio Lower Upper
107 100
108 87.8 73.8 113.8
77 88.6 111.5 151.5#
79 27.1 12.0 52.0

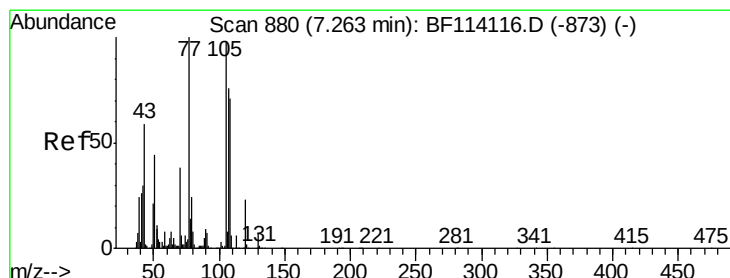
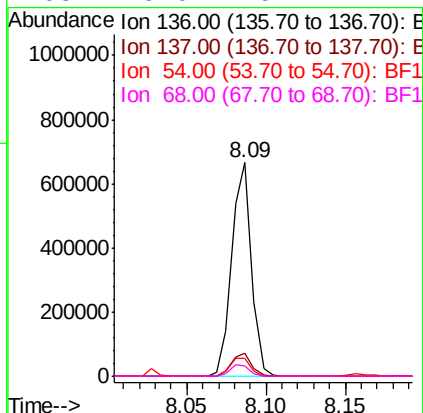
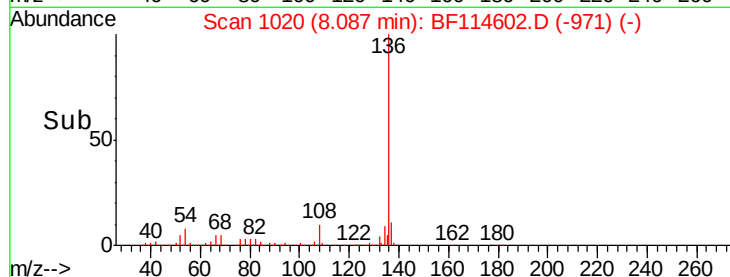
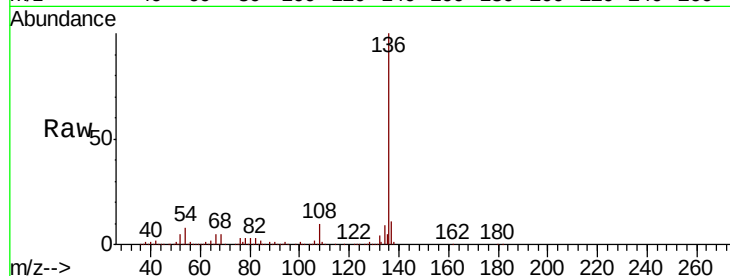




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

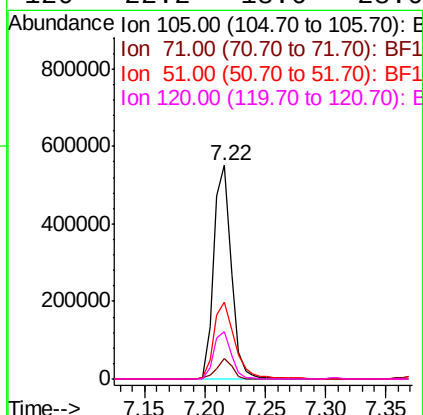
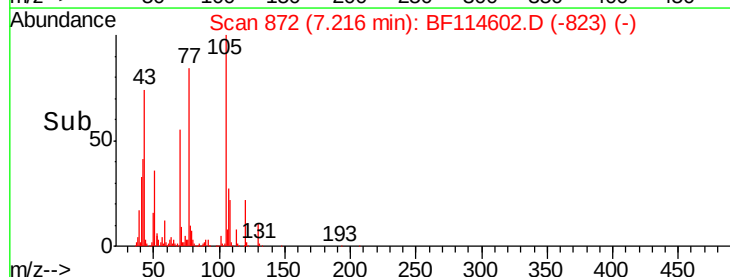
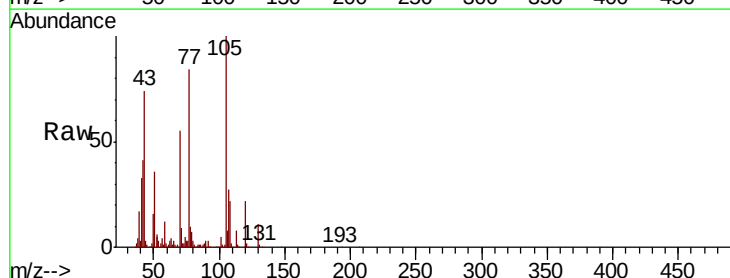
Instrument :
BNA_F
ClientSampled :

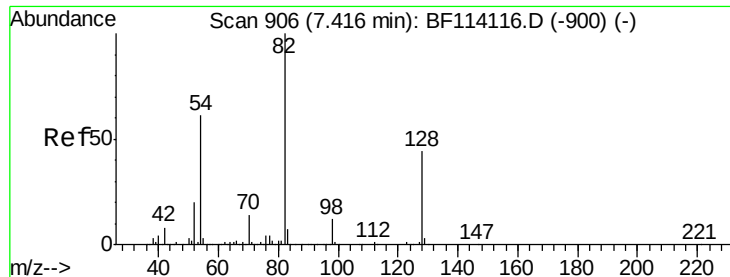
Tot Ion:136	Resp:	573198
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	8.2	7.8 11.8
68	5.0	5.1 7.7#



#22
Acetophenone
Concen: 42.921 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:105	Resp:	545013
Ion Ratio	Lower	Upper
105	100	
71	9.5	5.3 7.9#
51	36.1	36.2 54.4#
120	22.2	18.6 28.0





#23

Nitrobenzene-d5

Concen: 81.955 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

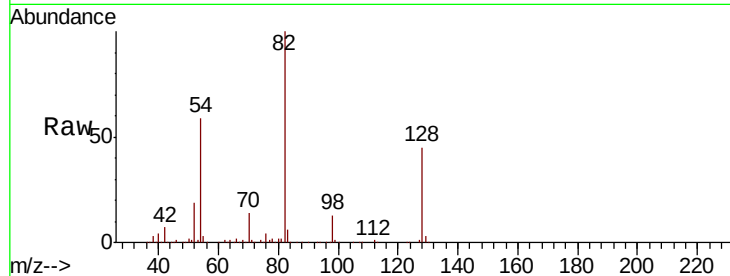
Tot Ion: 82 Resp: 837067

Ion Ratio Lower Upper

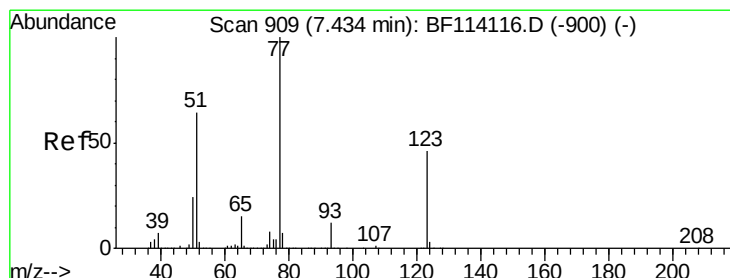
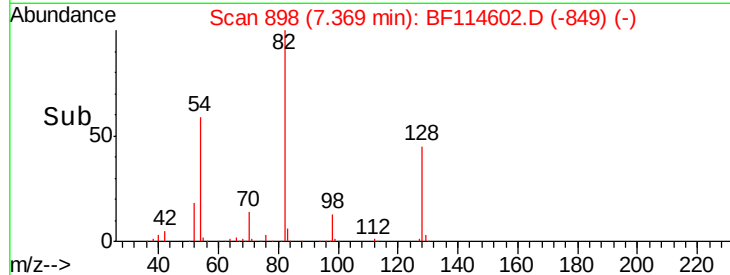
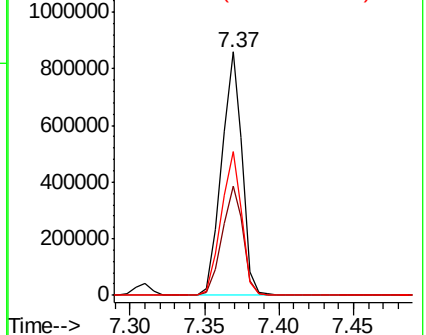
82 100

128 45.0 35.5 53.3

54 59.2 48.5 72.7



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



#24

Nitrobenzene

Concen: 41.751 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

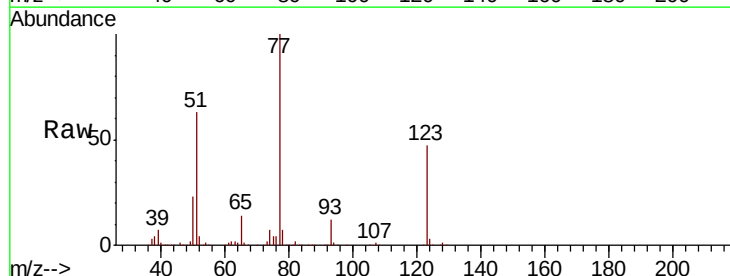
Tgt Ion: 77 Resp: 434328

Ion Ratio Lower Upper

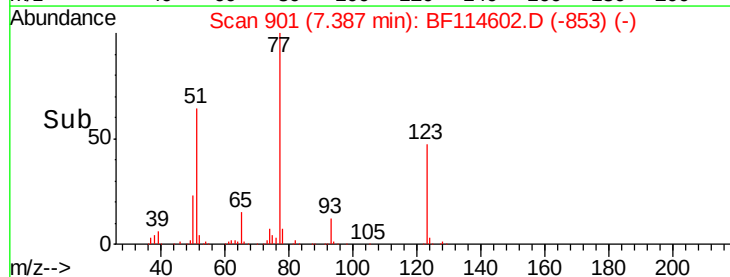
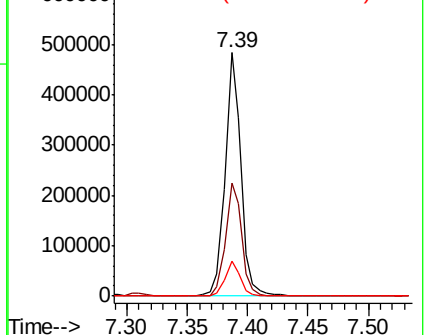
77 100

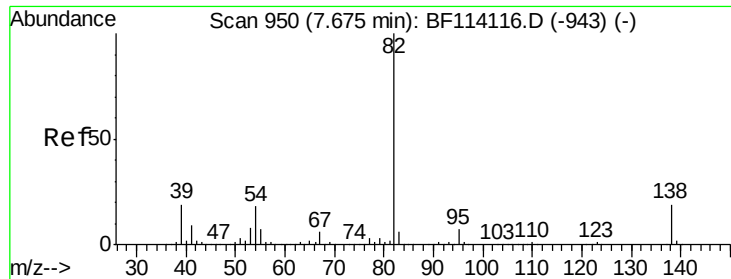
123 46.7 36.9 55.3

65 14.5 11.8 17.6



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





#25

Isophorone

Concen: 41.353 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

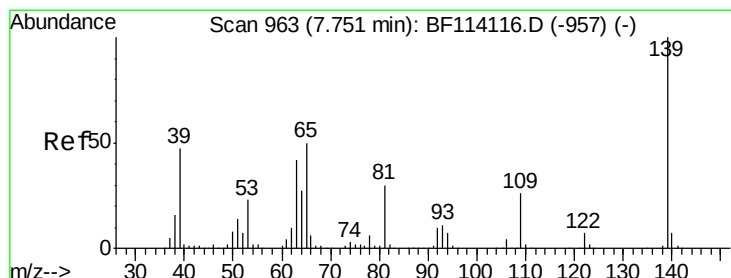
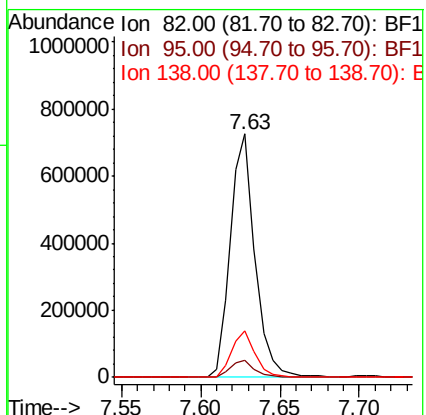
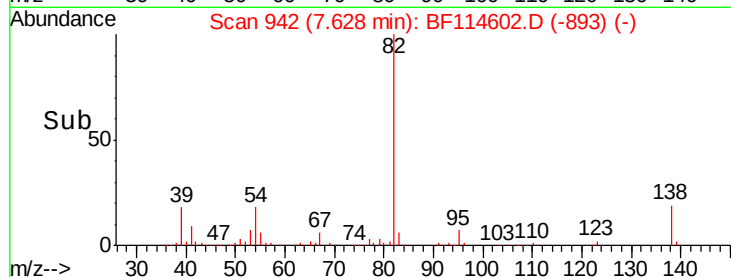
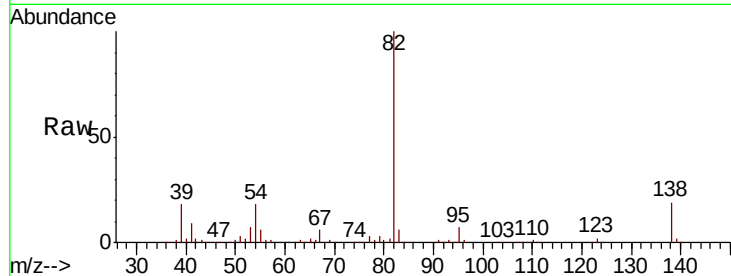
Tot Ion: 82 Resp: 783327

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 19.3 14.8 22.2



#26

2-Nitrophenol

Concen: 43.218 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

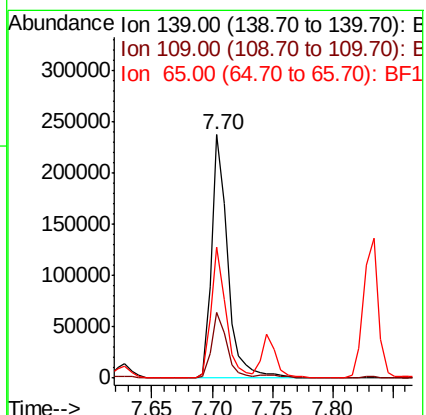
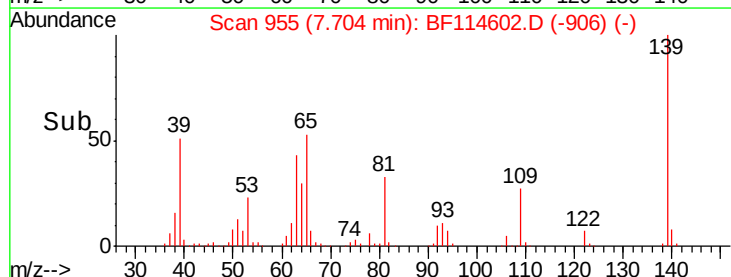
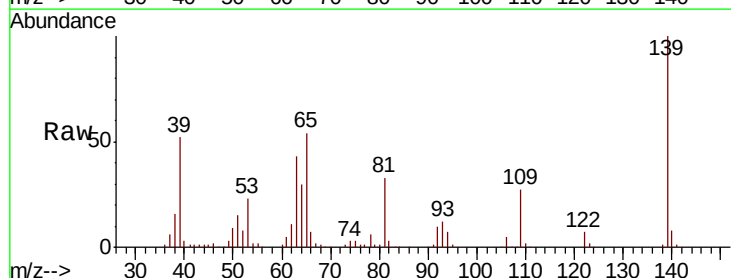
Tgt Ion: 139 Resp: 218125

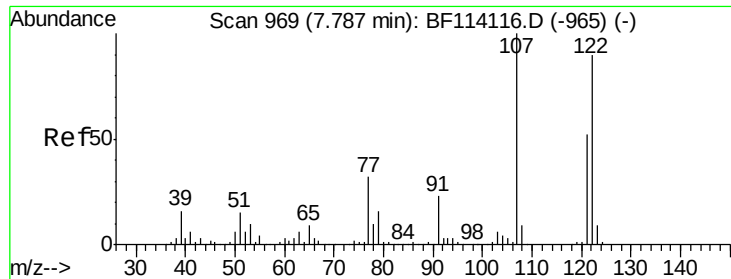
Ion Ratio Lower Upper

139 100

109 27.0 20.7 31.1

65 53.6 40.2 60.2

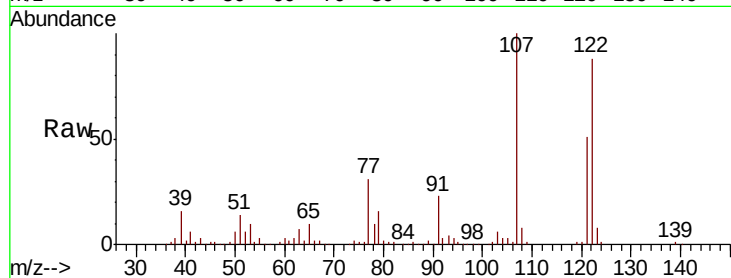




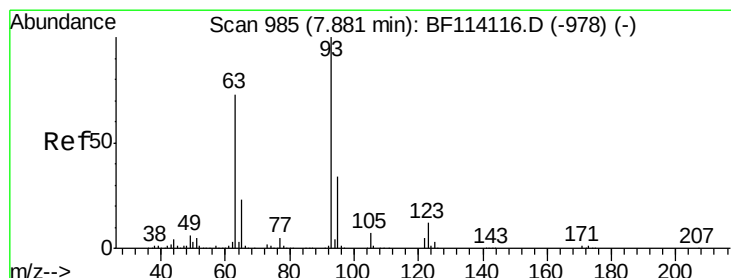
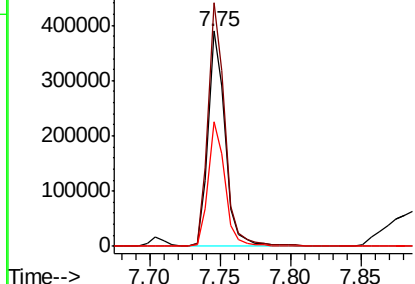
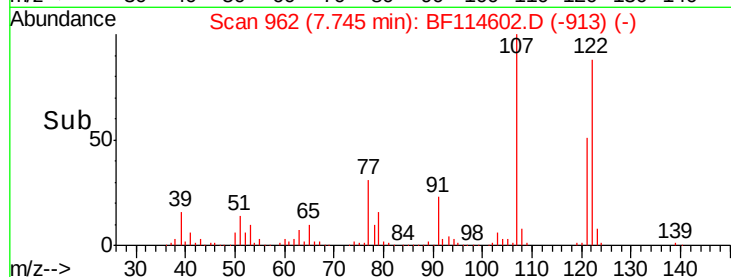
#27
 2,4-Dimethylphenol
 Concen: 40.930 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 324445
 Ion Ratio Lower Upper
 122 100
 107 113.1 88.4 132.6
 121 57.9 45.9 68.9

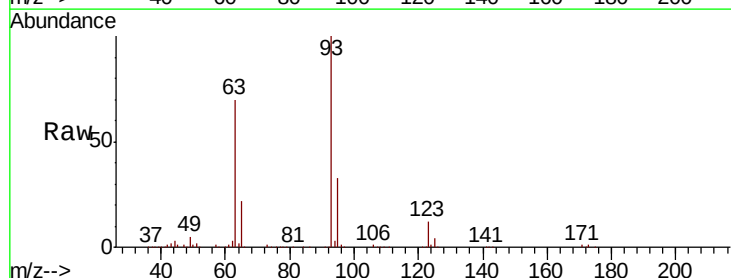


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

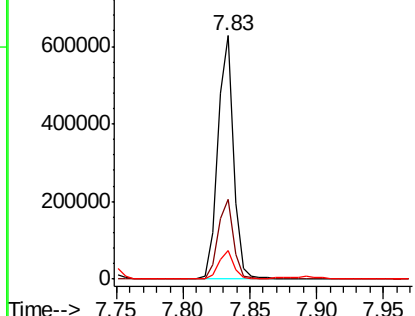
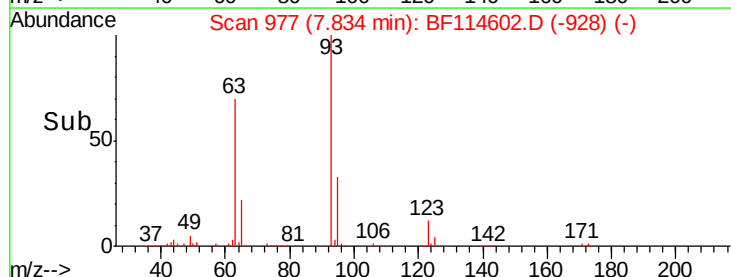


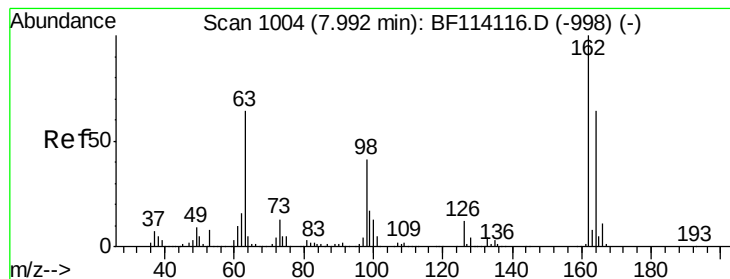
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.710 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion: 93 Resp: 524937
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.8 40.2
 123 11.6 9.5 14.3



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





#29

2,4-Dichlorophenol

Concen: 43.144 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

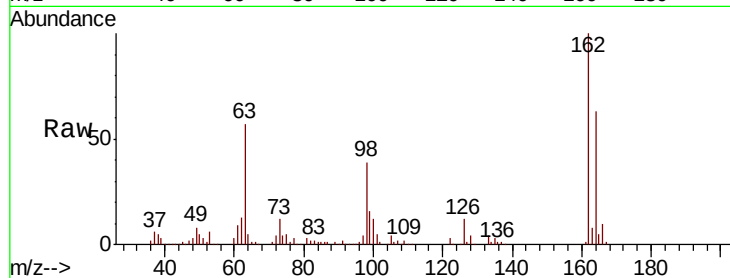
Tot Ion:162 Resp: 340543

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

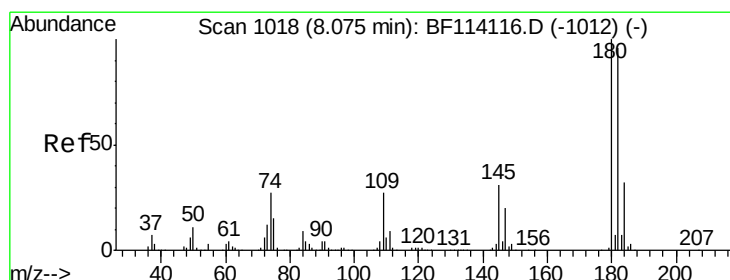
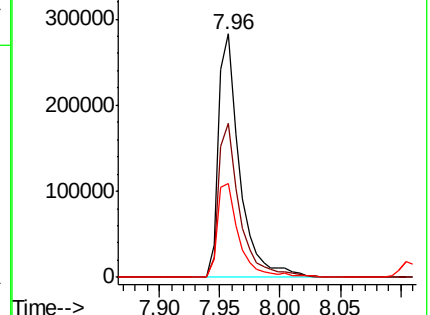
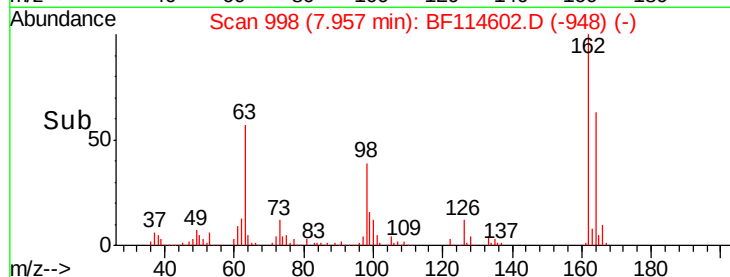
98 38.6 20.6 60.6



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: 42.471 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

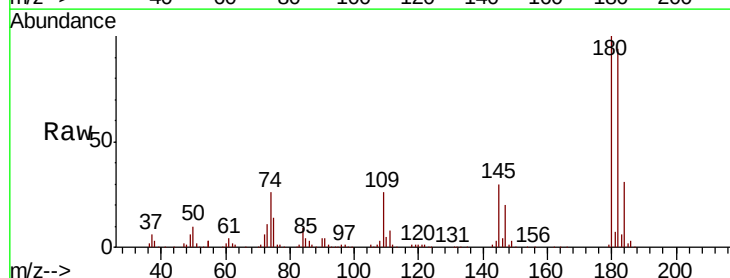
Tgt Ion:180 Resp: 381200

Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

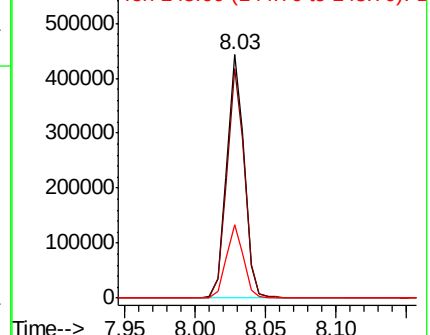
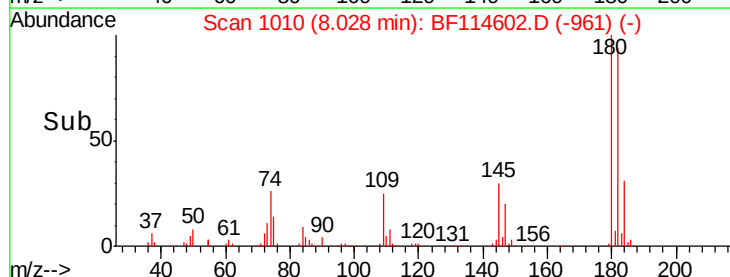
145 30.0 25.1 37.7

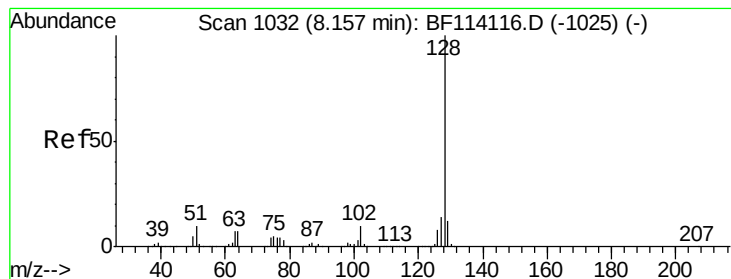


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.300 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

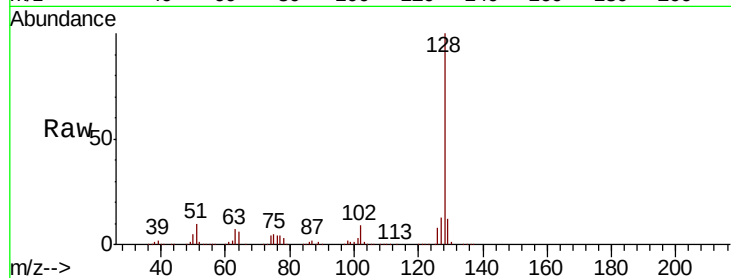
Tot Ion:128 Resp: 1159360

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

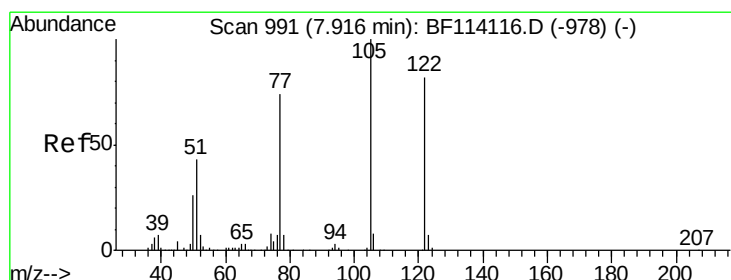
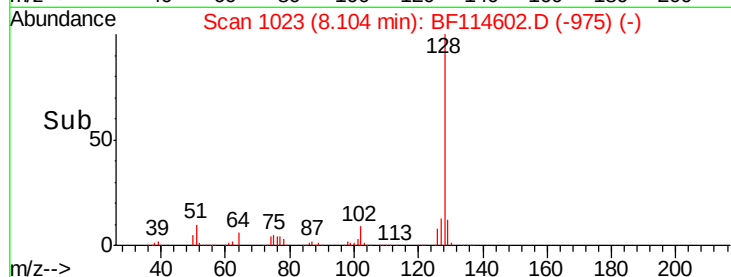
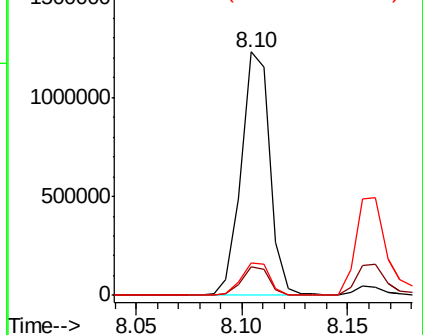
127 13.2 11.3 16.9



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: 36.950 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

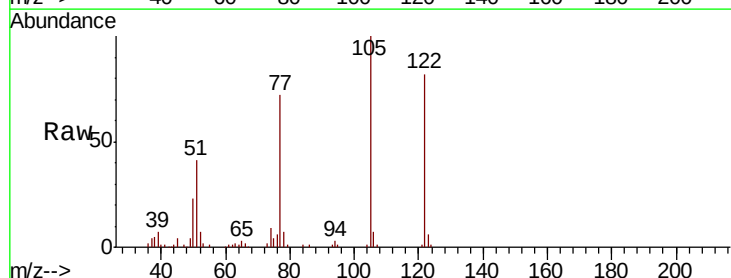
Tgt Ion:122 Resp: 198146

Ion Ratio Lower Upper

122 100

105 121.8 99.9 139.9

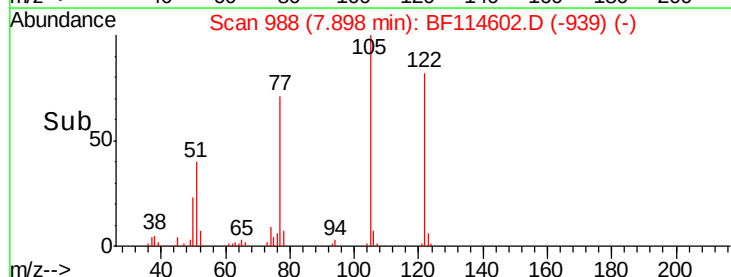
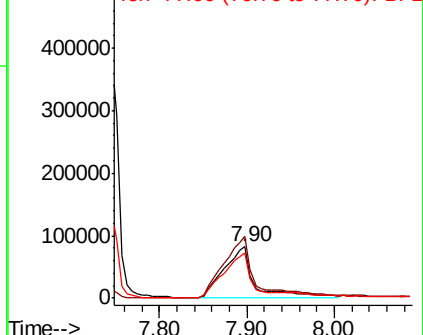
77 88.1 69.4 109.4

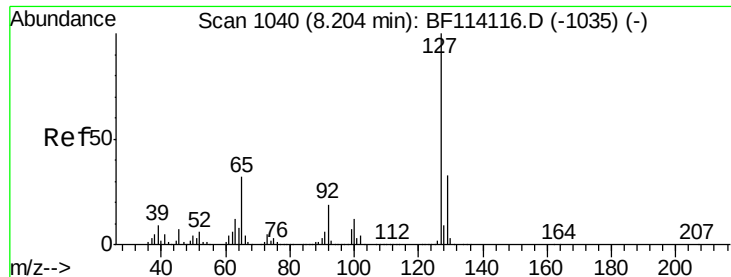


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

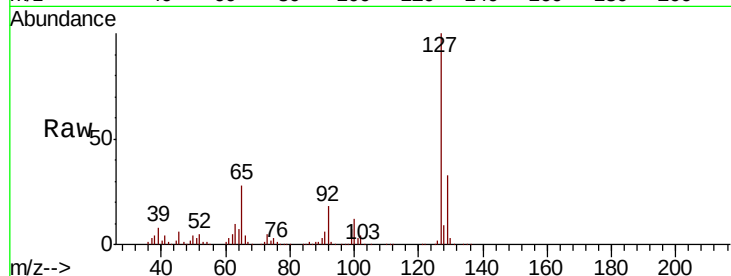




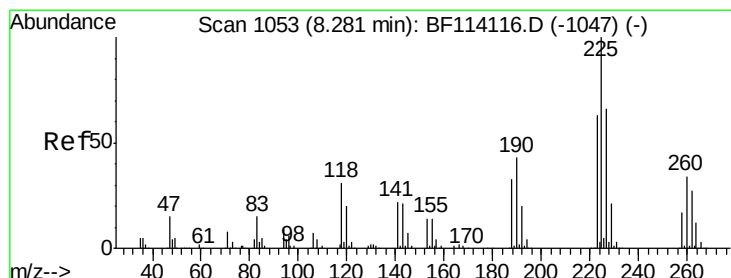
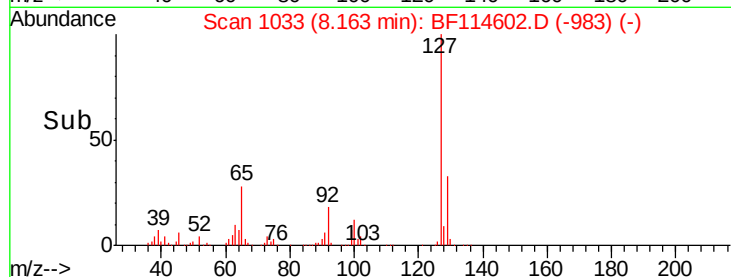
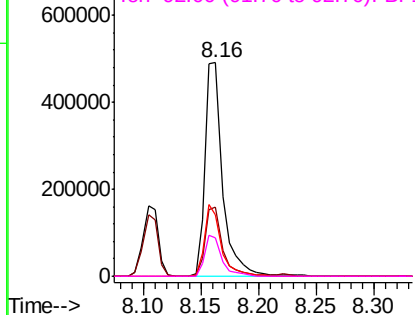
#33
4-Chloroaniline
Concen: 43.254 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	527751
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	28.5	25.4	38.0
92	18.0	15.4	23.2

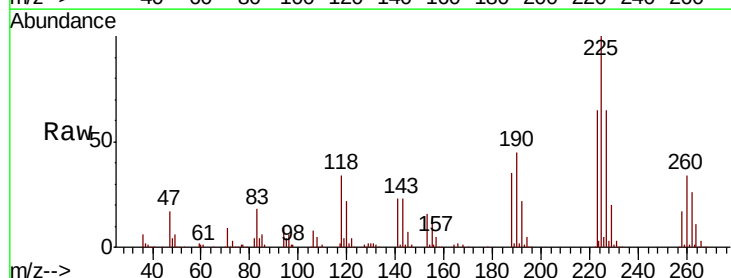


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

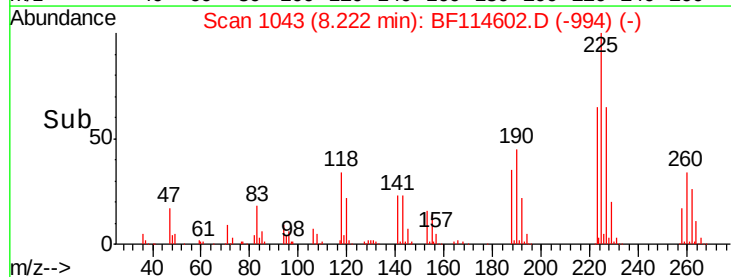
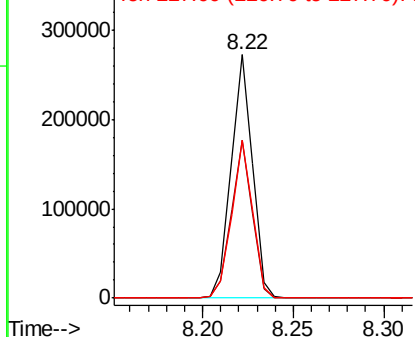


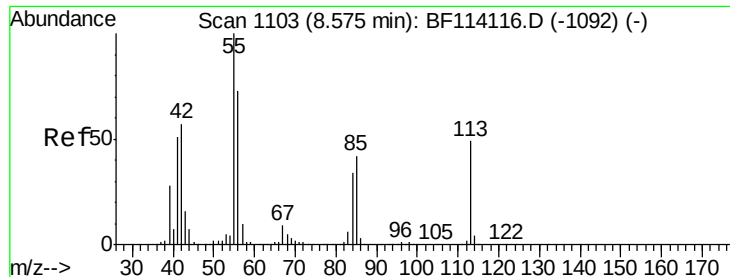
#34
Hexachlorobutadiene
Concen: 43.908 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:	225	Resp:	224237
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.2	75.2
227	65.0	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: 42.016 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

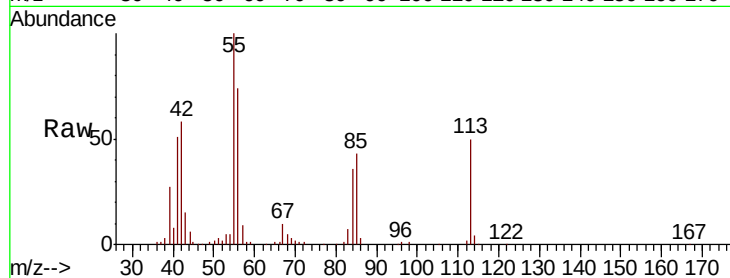
Tot Ion:113 Resp: 108139

Ion Ratio Lower Upper

113 100

55 199.6 183.5 223.5

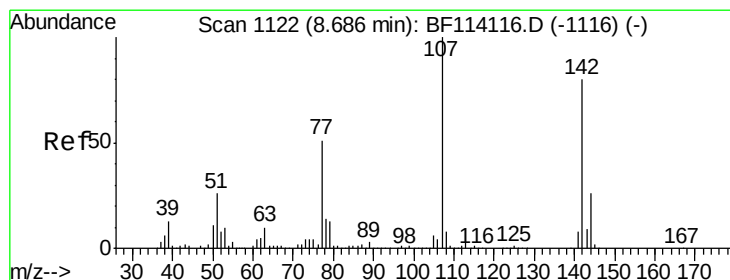
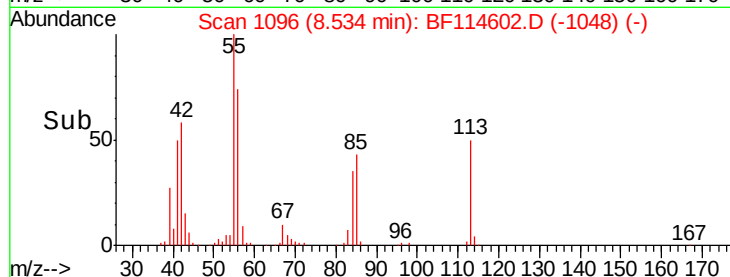
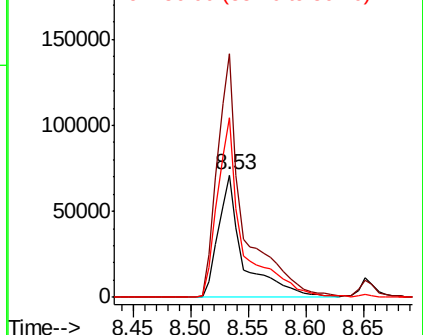
56 147.0 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.100 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

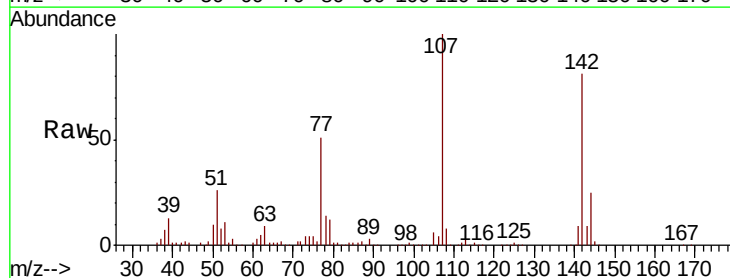
Tgt Ion:107 Resp: 350382

Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

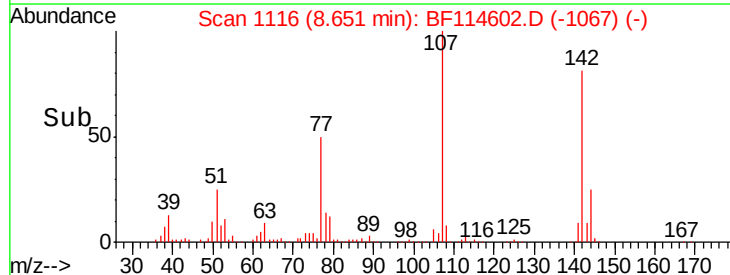
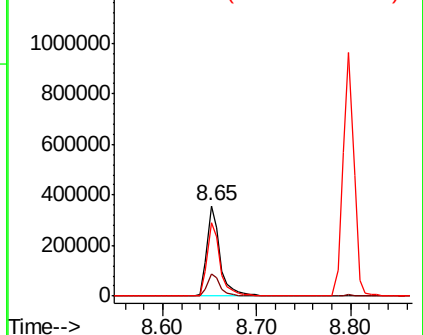
142 80.6 64.2 96.4

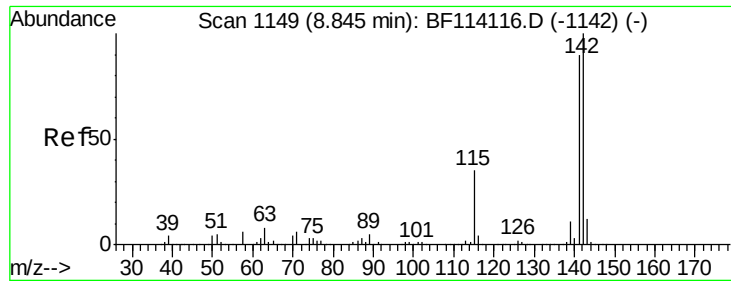


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

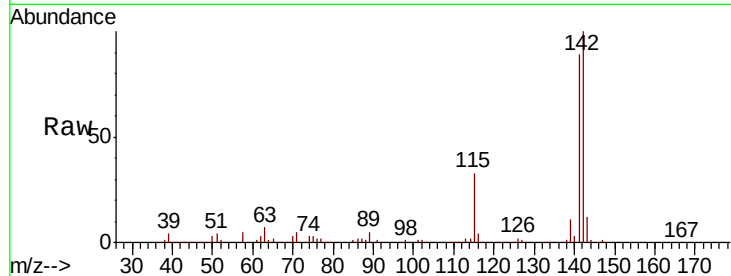




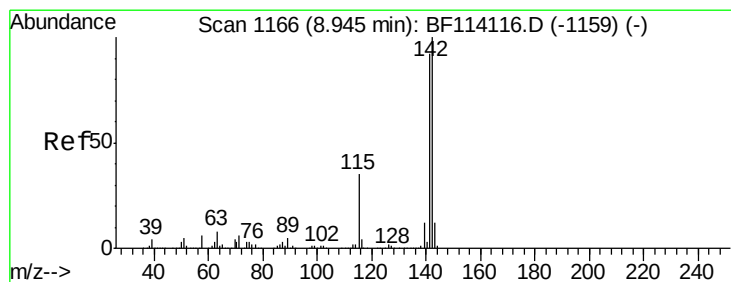
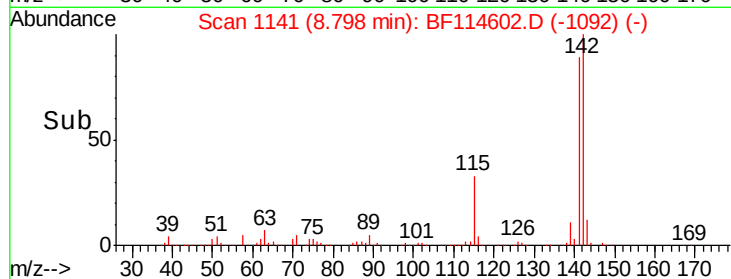
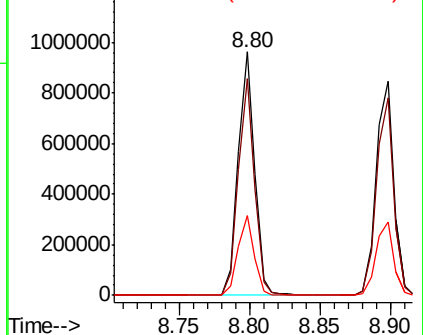
#37
2-Methylnaphthalene
Concen: 45.009 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 777539
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 32.9 28.0 42.0

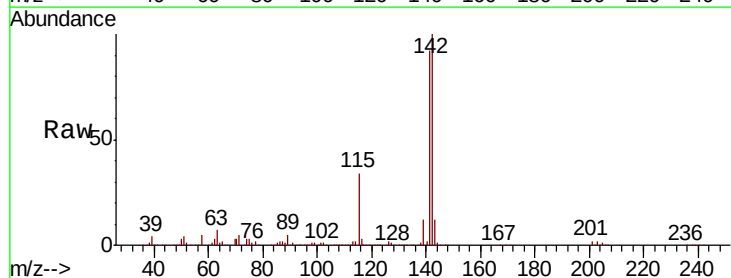


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

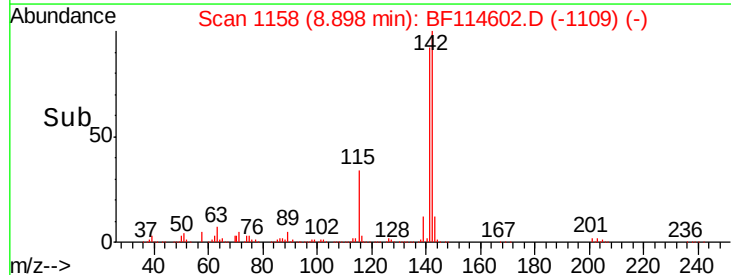
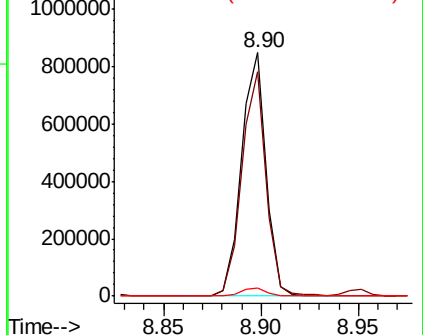


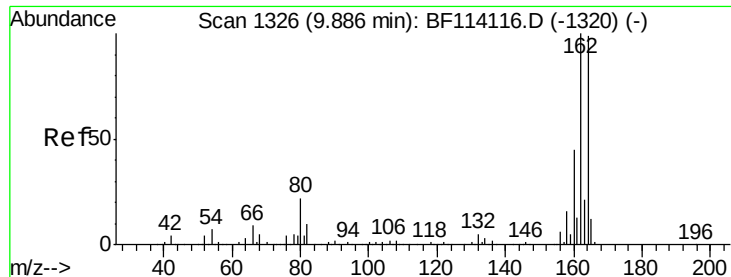
#38
1-Methylnaphthalene
Concen: 45.194 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:142 Resp: 735220
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

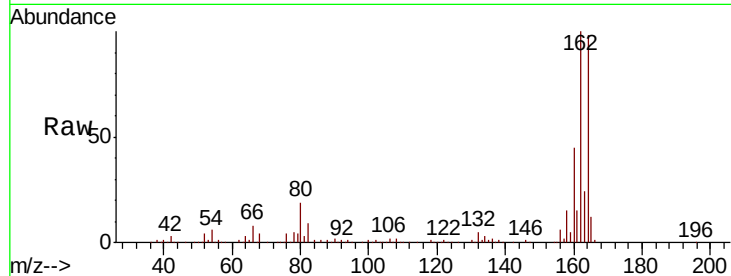




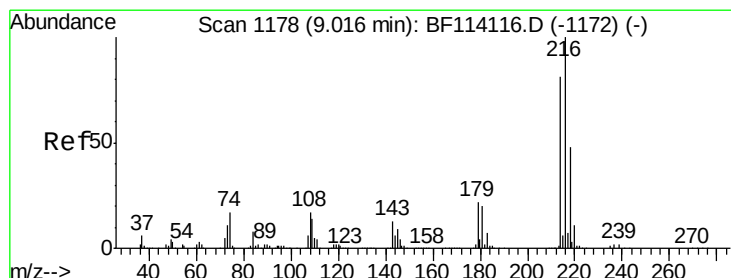
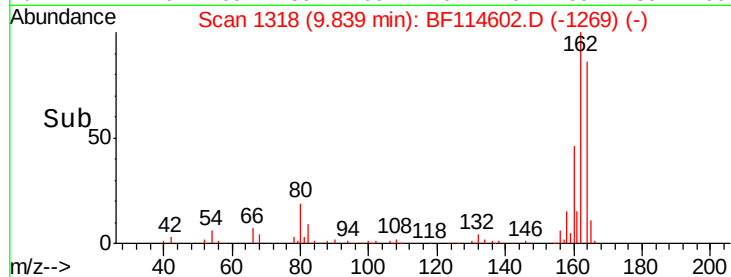
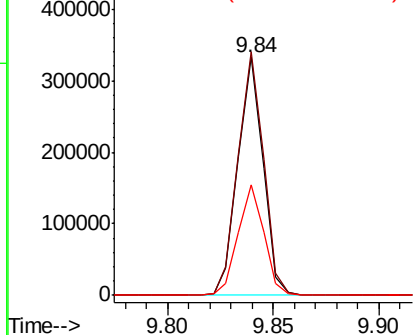
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.2	36.5	54.7



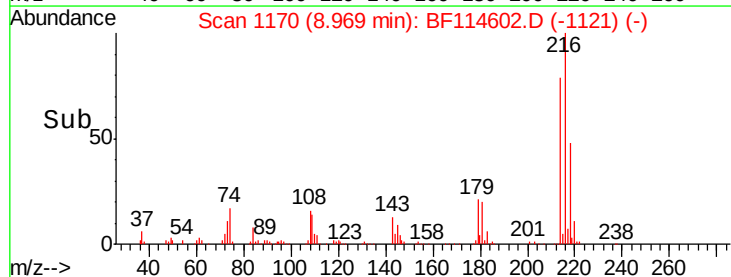
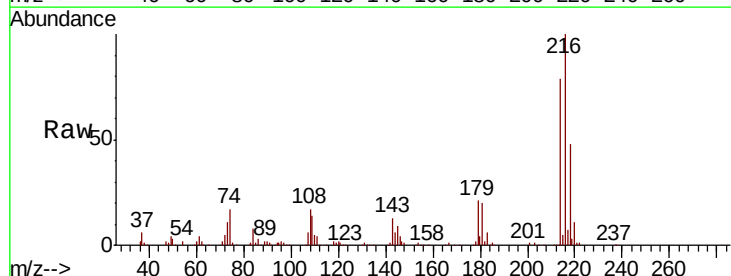
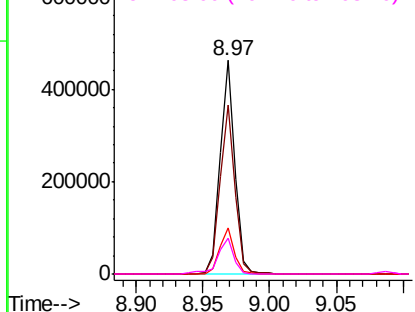
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

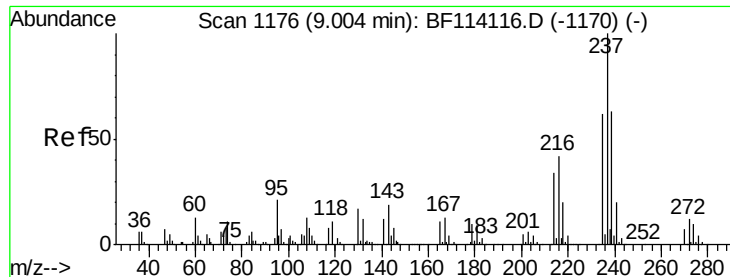


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.412 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.9	95.9
179	21.1	17.0	25.6
108	18.2	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: 37.673 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

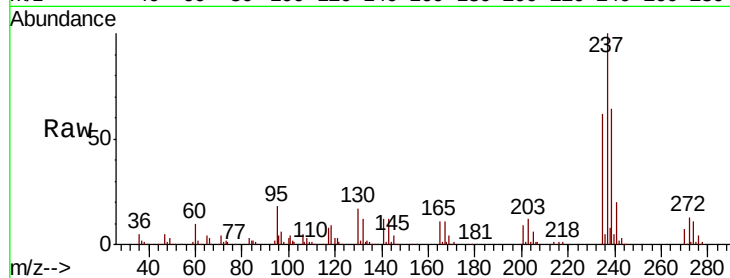
Tot Ion:237 Resp: 136395

Ion Ratio Lower Upper

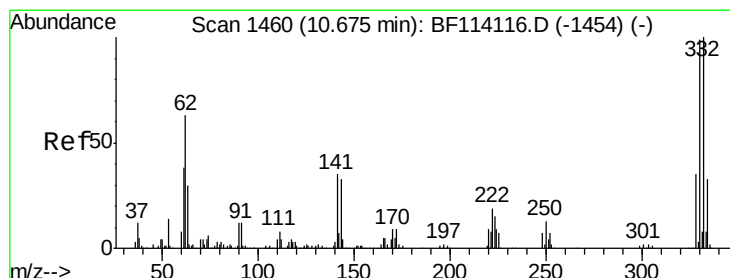
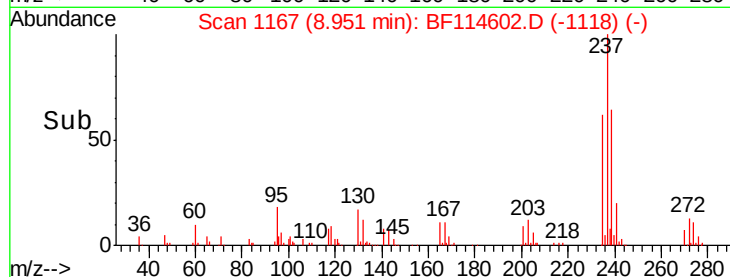
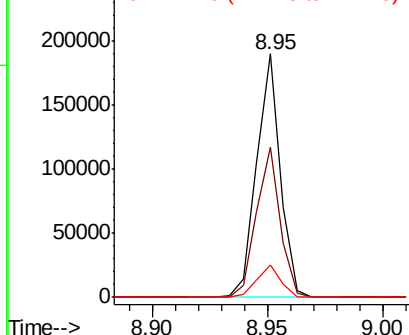
237 100

235 61.6 42.0 82.0

272 13.3 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: 78.883 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

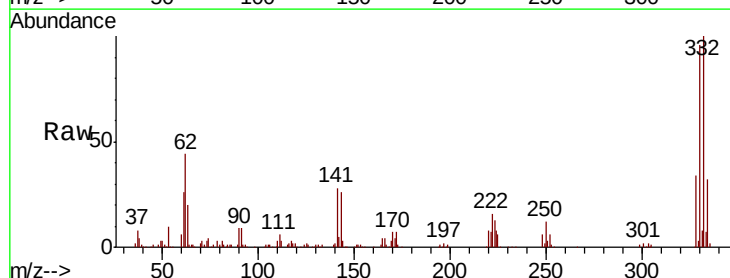
Tgt Ion:330 Resp: 223572

Ion Ratio Lower Upper

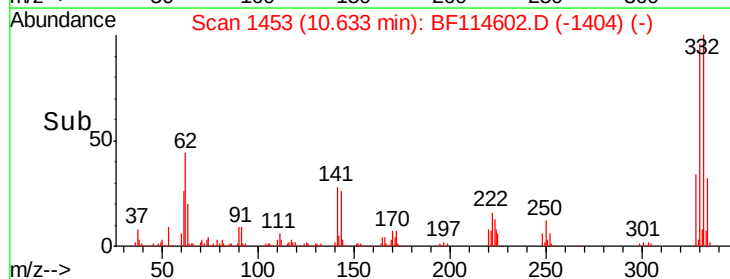
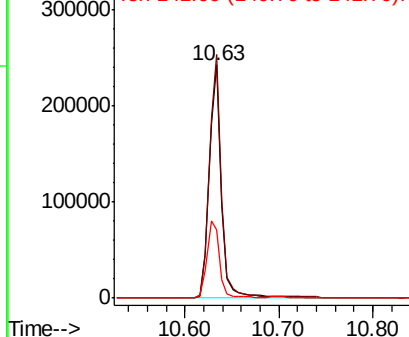
330 100

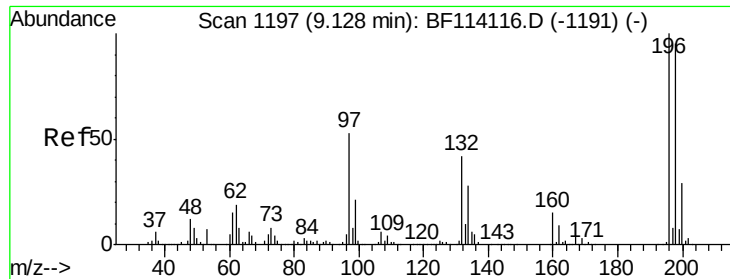
332 101.8 81.4 122.2

141 33.7 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

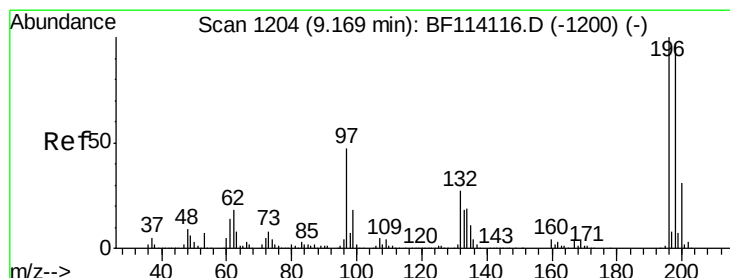
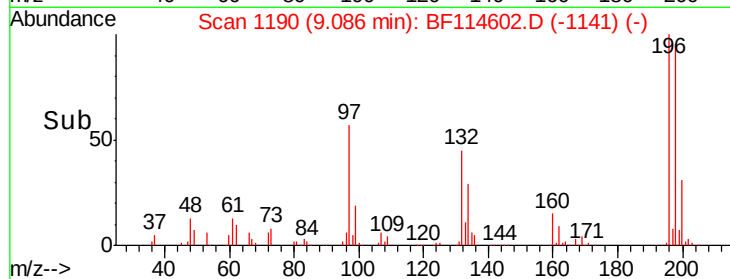
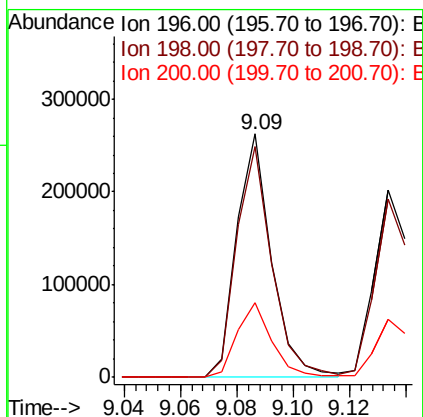
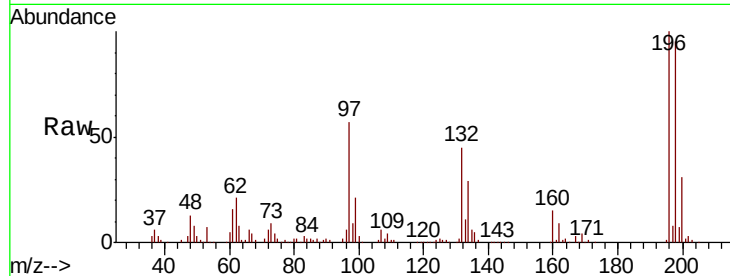




#43
 2,4,6-Trichlorophenol
 Concen: 39.512 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

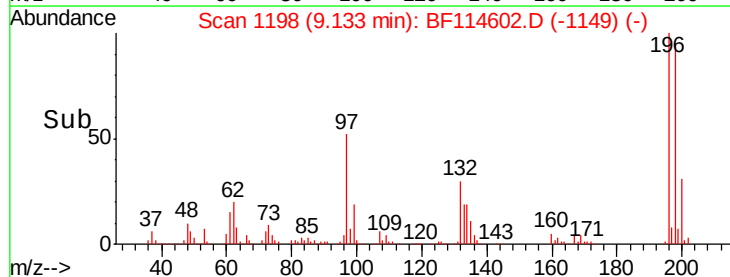
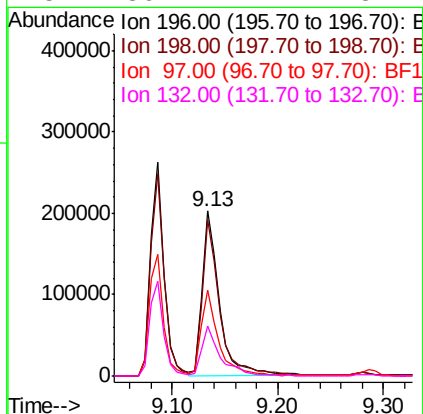
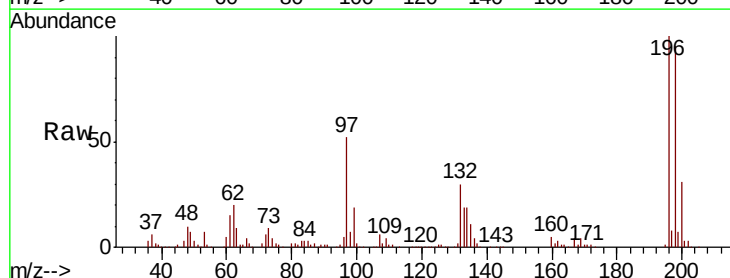
Instrument :
 BNA_F
 ClientSampleId :

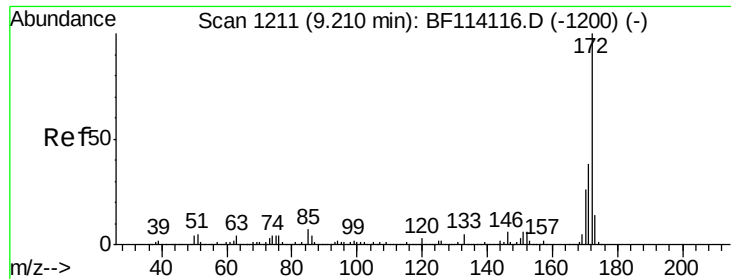
Tot Ion:196 Resp: 225696
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.9 113.9
 200 30.6 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.817 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion:196 Resp: 227386
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.7 116.5
 97 52.2 38.2 57.2
 132 30.4 21.4 32.2



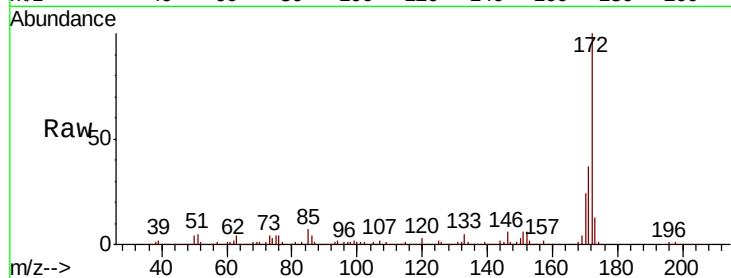


#45
 2-Fluorobiphenyl
 Concen: 85.458 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

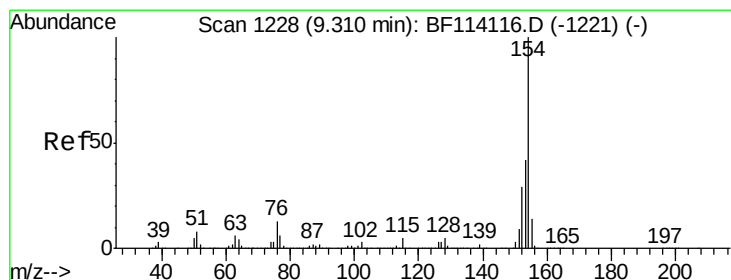
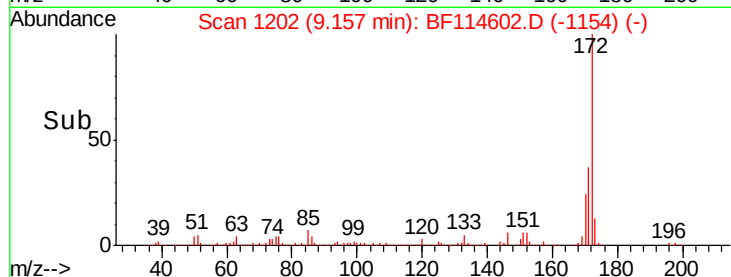
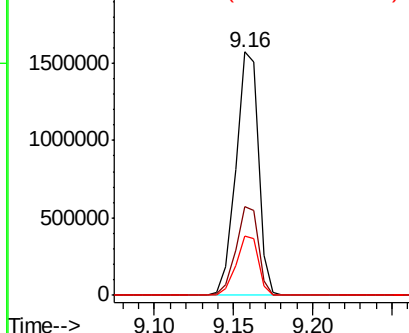
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1548783

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.1	20.5	30.7



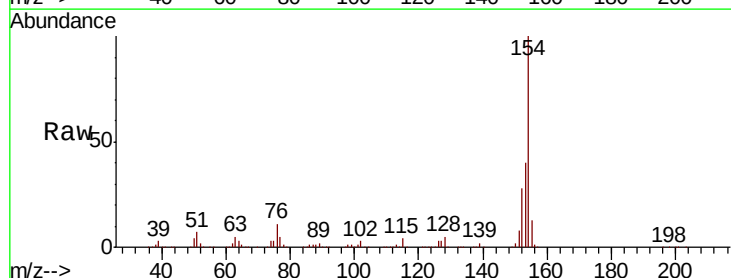
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



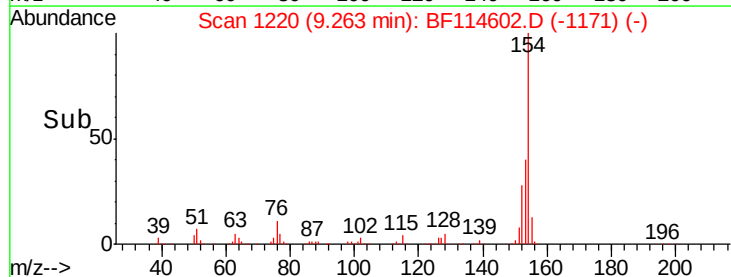
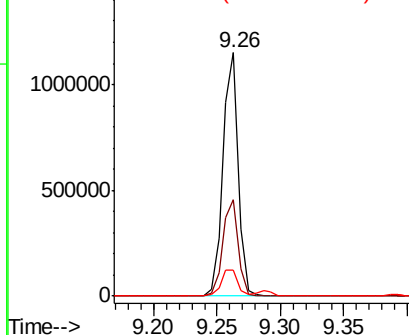
#46
 1,1'-Biphenyl
 Concen: 43.629 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

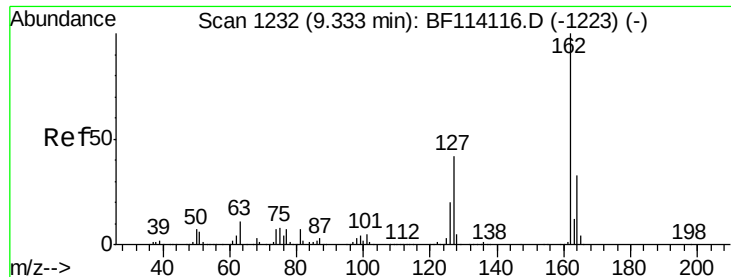
Tgt Ion:154 Resp: 966253

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.9	61.9
76	10.8	0.0	32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

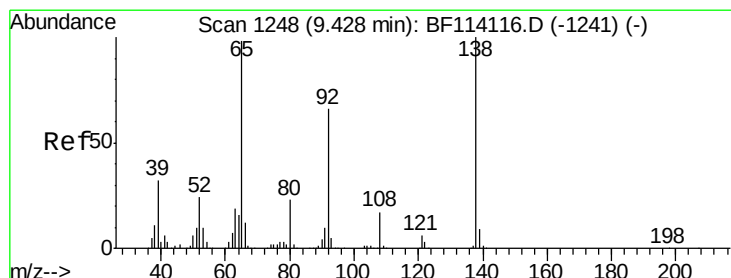
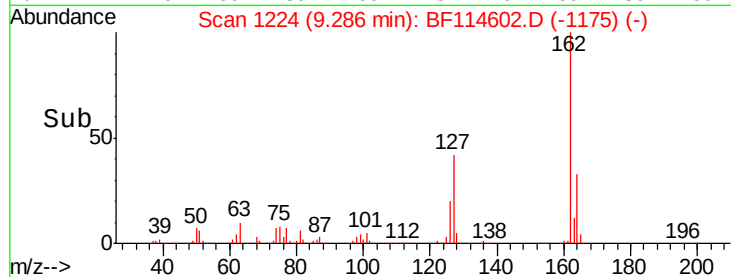
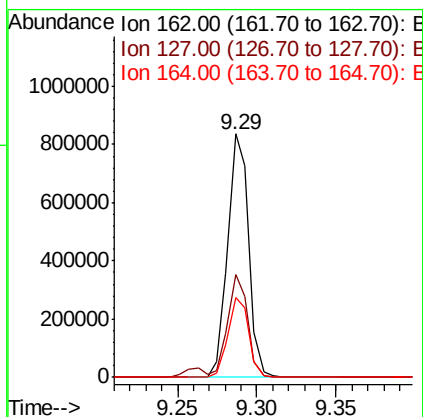
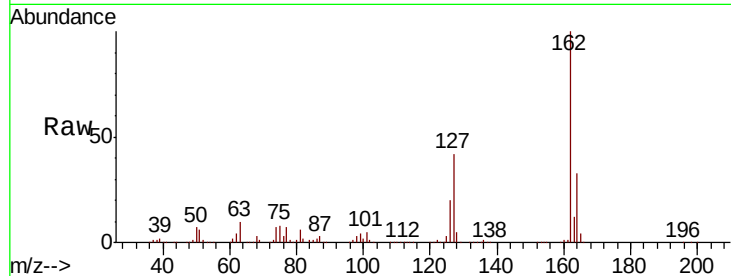




#47
 2-Chloronaphthalene
 Concen: 42.888 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

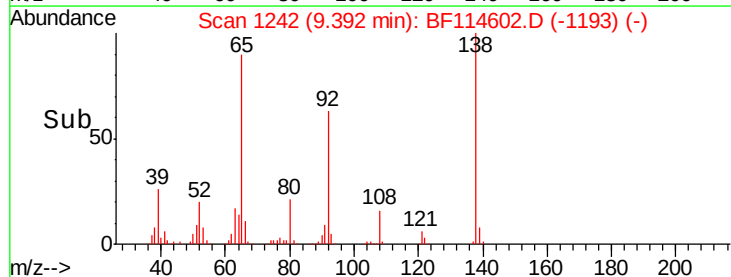
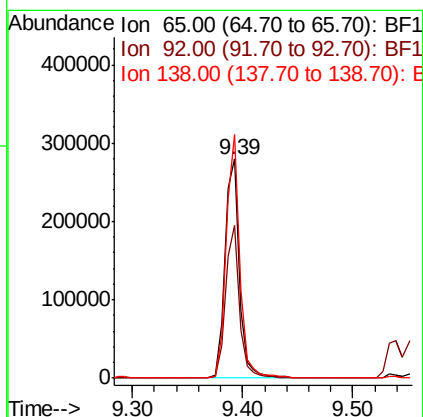
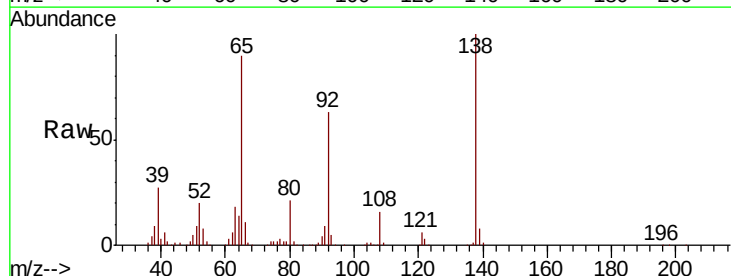
Instrument :
 BNA_F
 ClientSampleId :

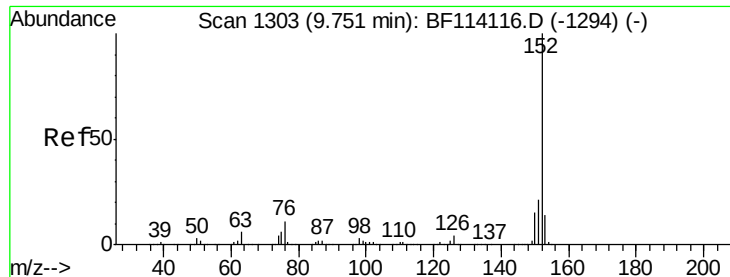
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.0	51.0
164	32.8	26.7	40.1



#48
 2-Nitroaniline
 Concen: 40.678 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	111.1	81.4	122.0





#49

Acenaphthylene

Concen: 42.398 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

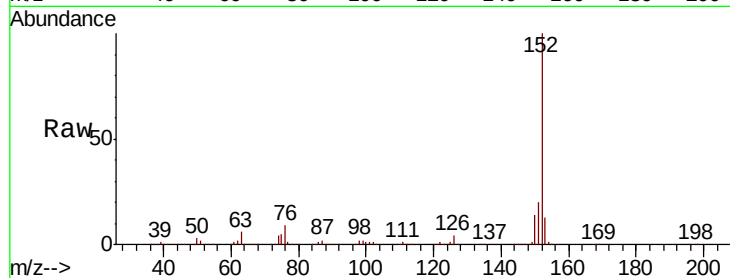
Tot Ion:152 Resp: 1149367

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

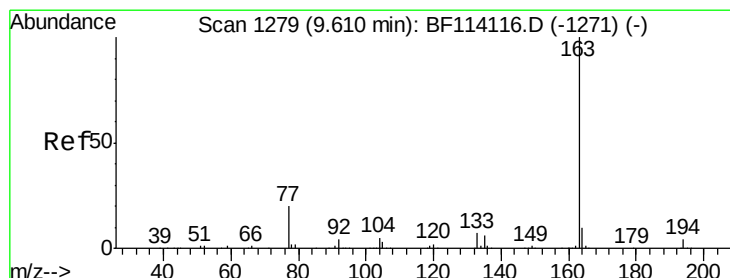
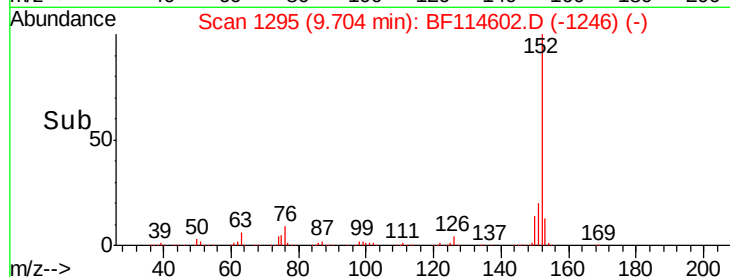
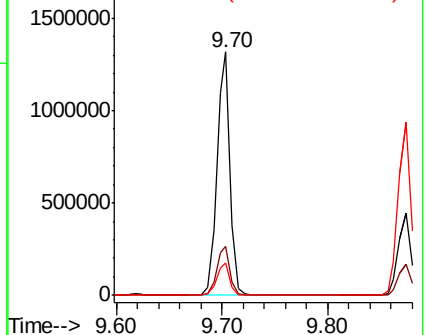
153 13.1 11.4 17.2



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: 43.172 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

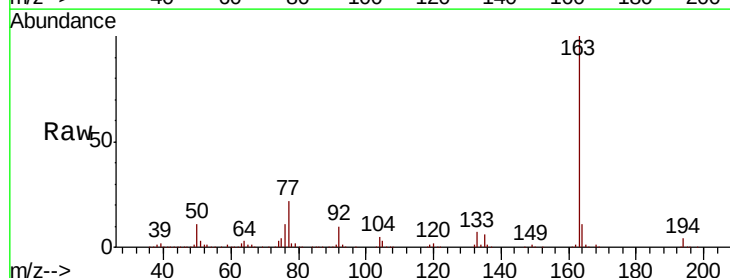
Tgt Ion:163 Resp: 868839

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

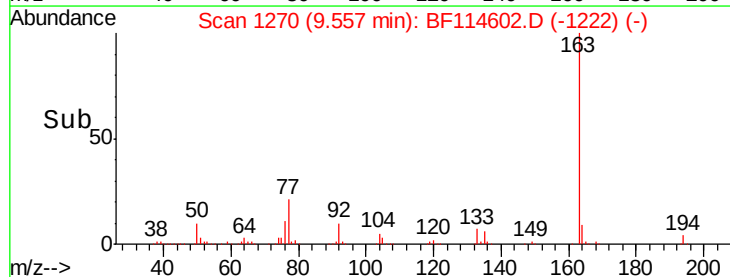
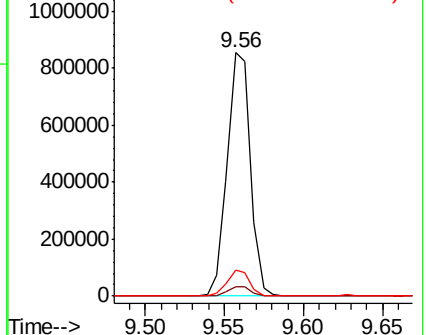
164 10.5 8.2 12.2

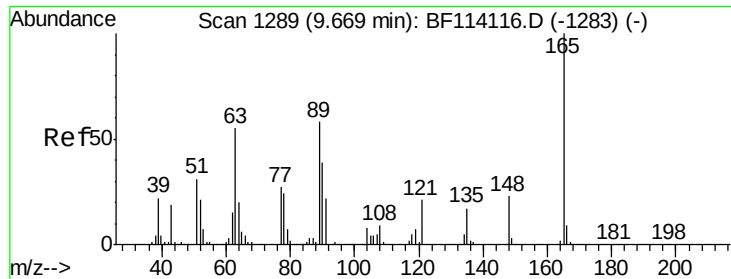


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

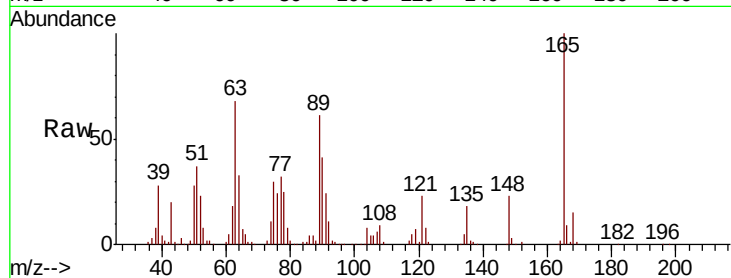




#51
 2,6-Dinitrotoluene
 Concen: 41.927 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.2	50.2	75.4
89	60.9	46.6	69.8

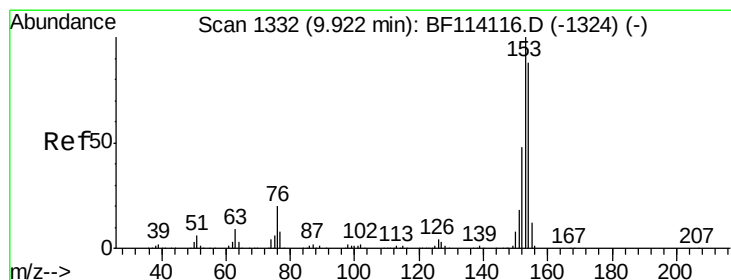
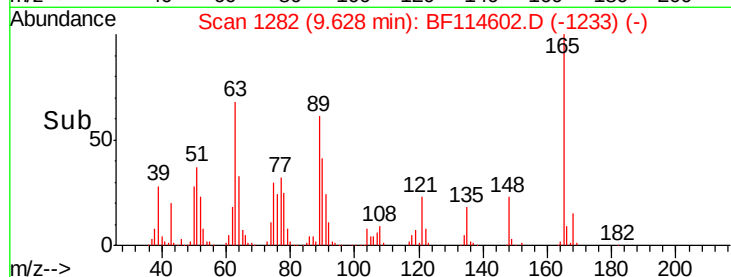
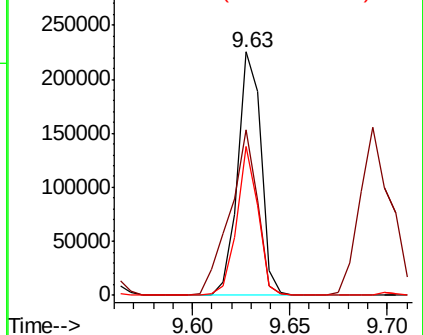


Abundance

Ion 165.00 (164.70 to 165.70): E

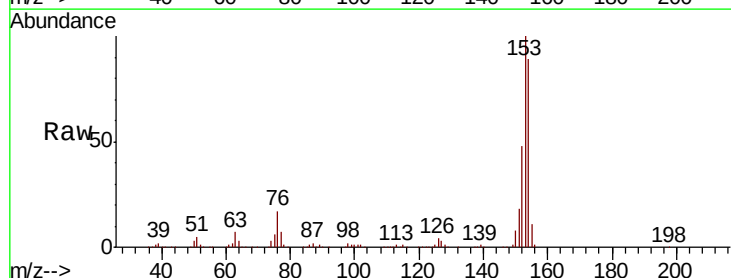
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 41.490 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	53.6	43.4	65.2

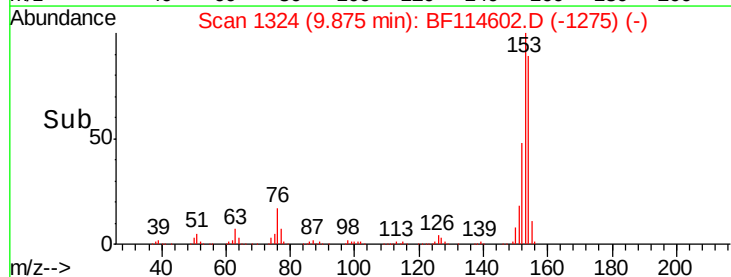
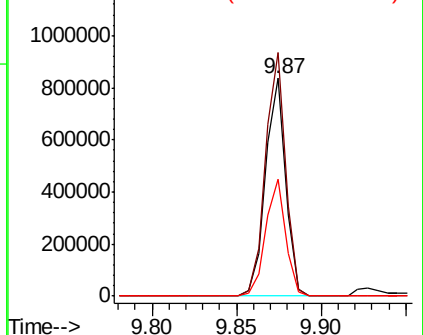


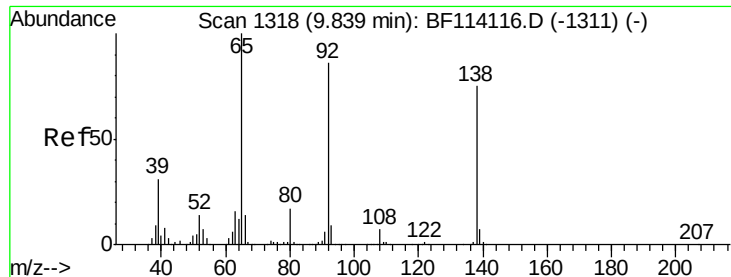
Abundance

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

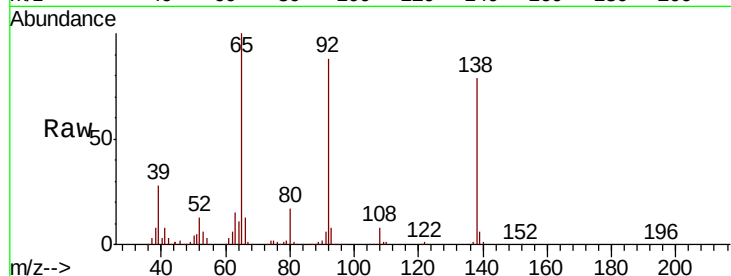




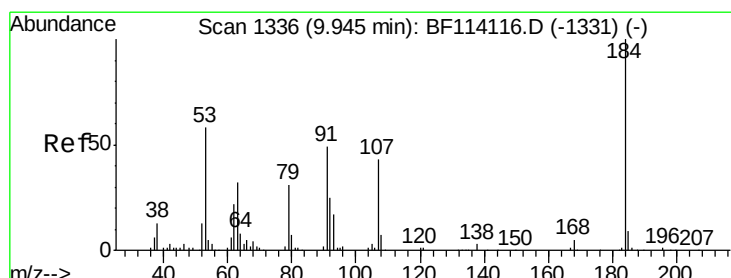
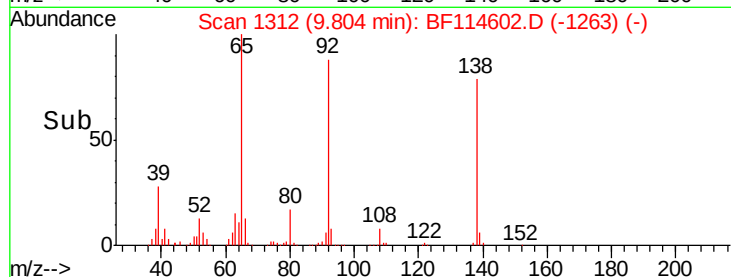
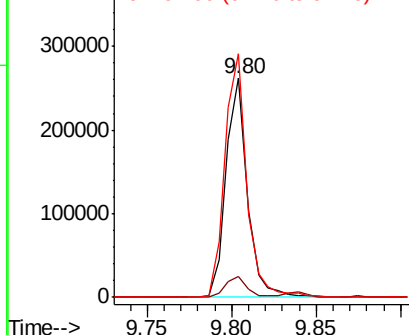
#53
3-Nitroaniline
Concen: 41.747 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 231317
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 111.2 91.2 136.8

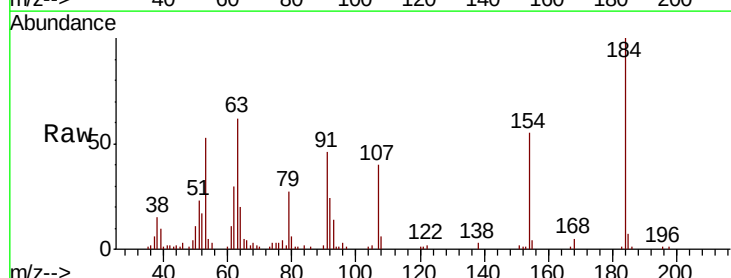


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

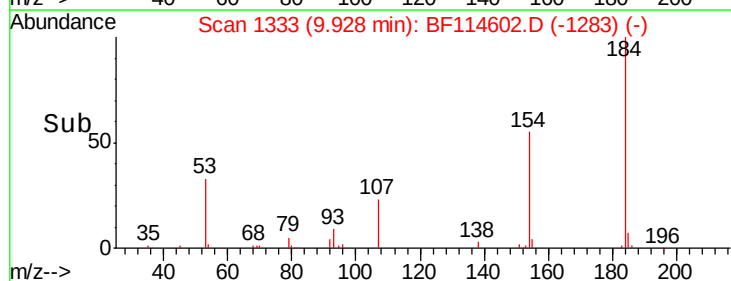
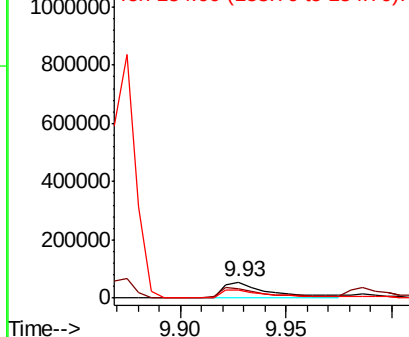


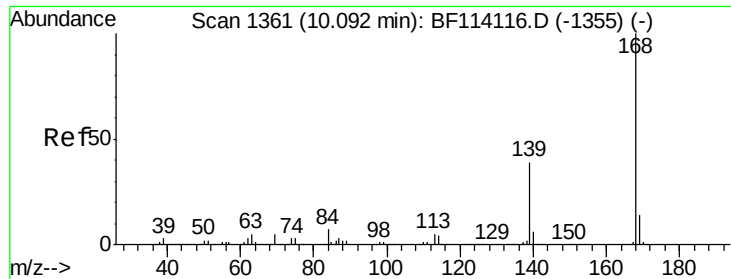
#54
2,4-Dinitrophenol
Concen: 40.443 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:184 Resp: 82598
Ion Ratio Lower Upper
184 100
63 62.4 55.6 83.4
154 54.9 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

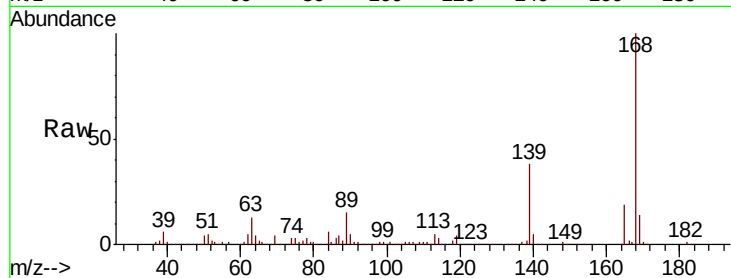




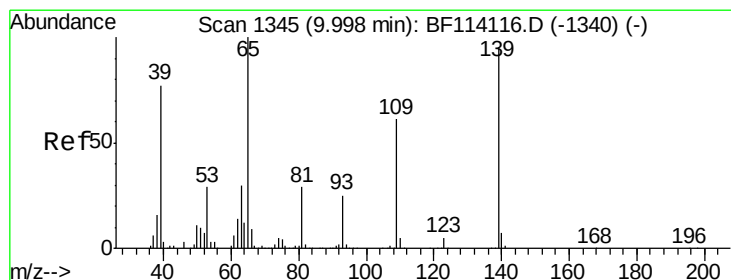
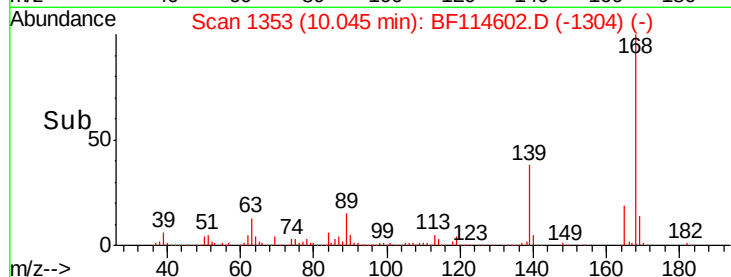
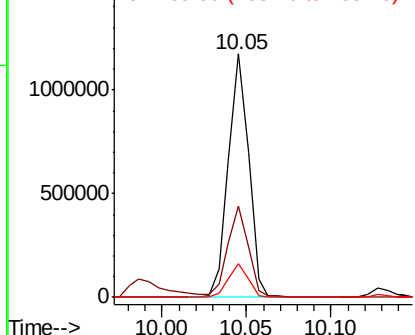
#55
Dibenzofuran
Concen: 40.400 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 985495
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 13.9 11.4 17.0

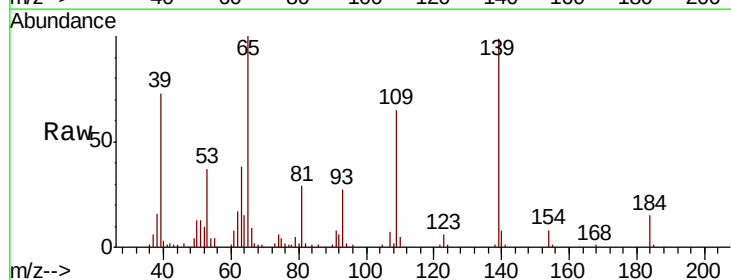


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

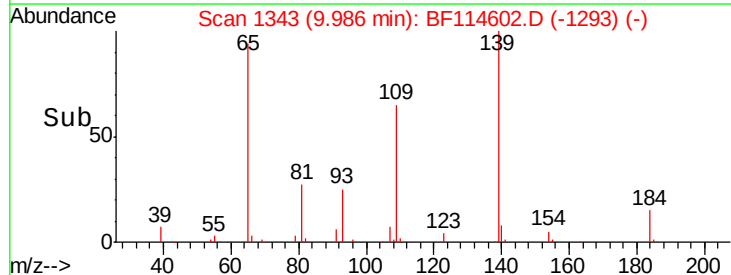
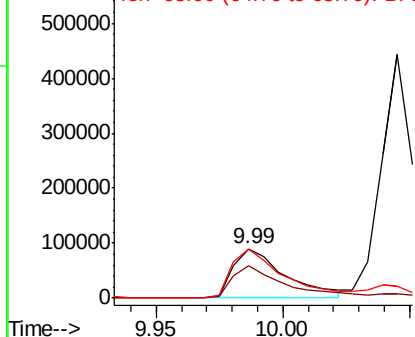


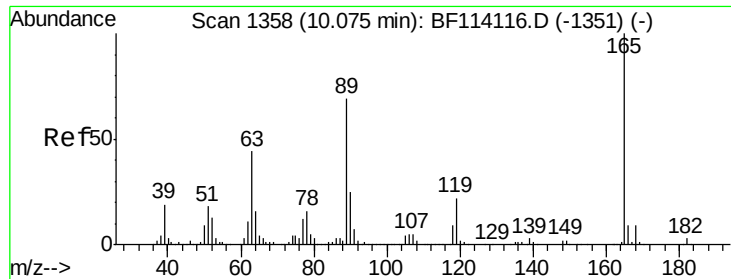
#56
4-Nitrophenol
Concen: 32.692 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:139 Resp: 128103
Ion Ratio Lower Upper
139 100
109 65.8 43.9 83.9
65 101.2 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

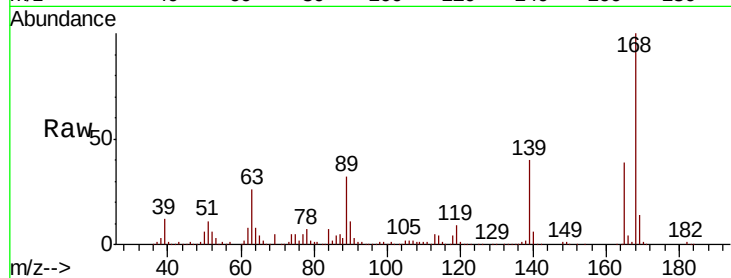




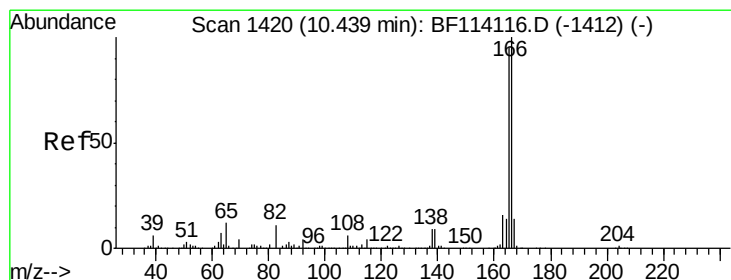
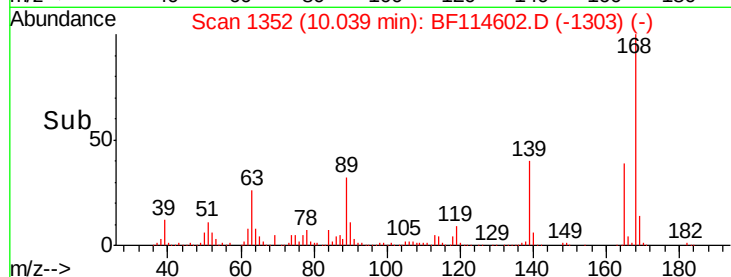
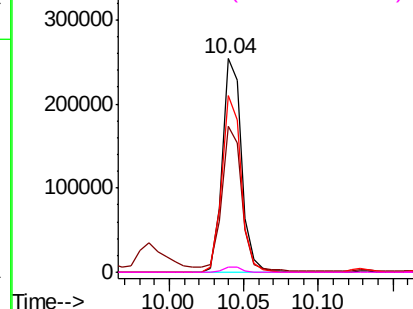
#57
 2,4-Dinitrotoluene
 Concen: 37.888 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.1	35.5	53.3#
89	82.4	55.2	82.8
182	2.5	2.2	3.2

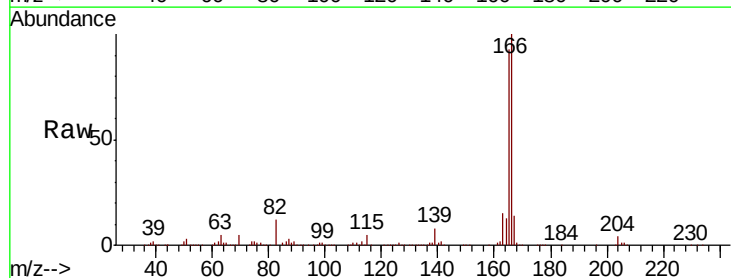


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

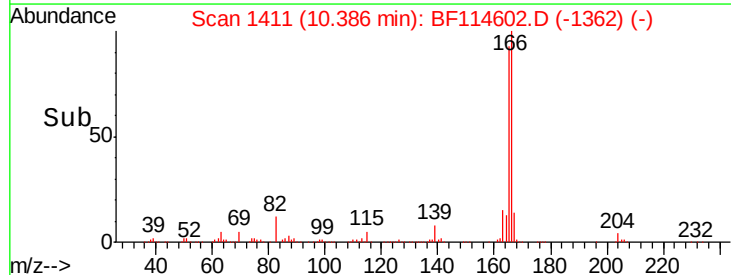
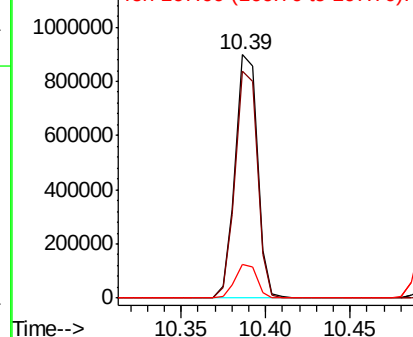


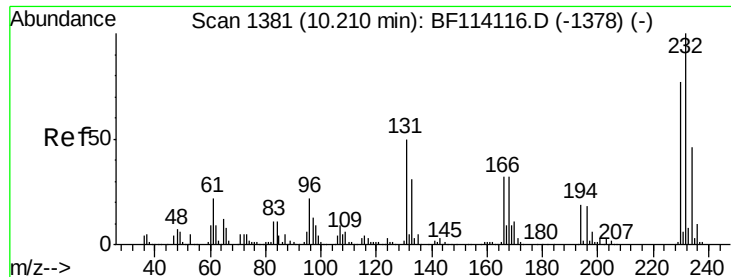
#58
 Fluorene
 Concen: 43.591 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	76.1	114.1
167	13.7	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

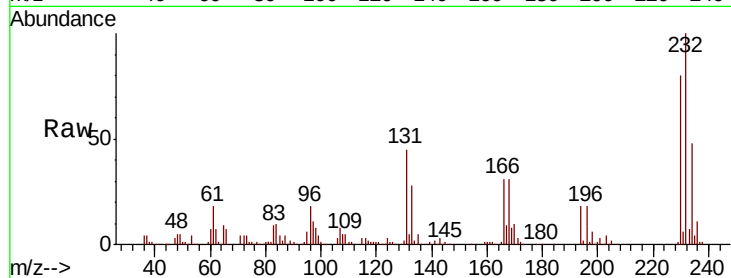




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.553 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	35.6	53.4
130	2.1	1.6	2.4
166	30.1	24.1	36.1



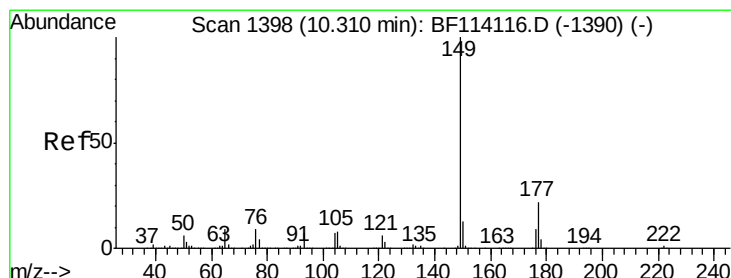
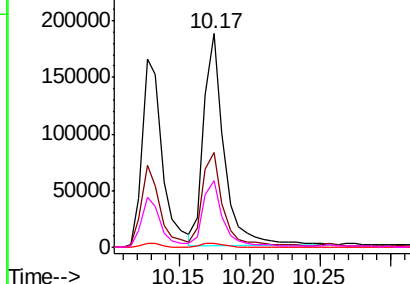
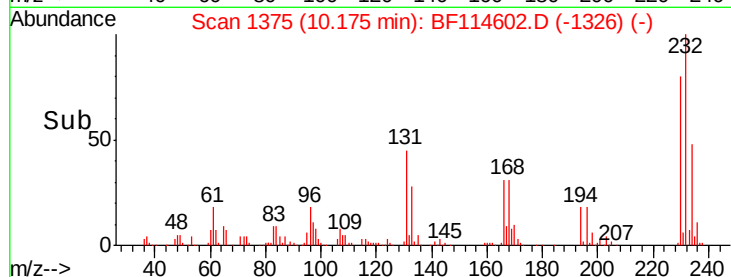
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

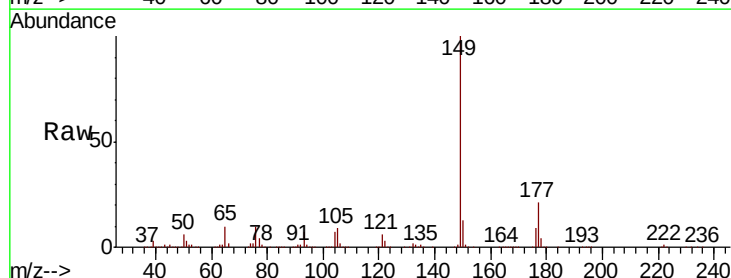
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.960 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.5	10.2	15.2

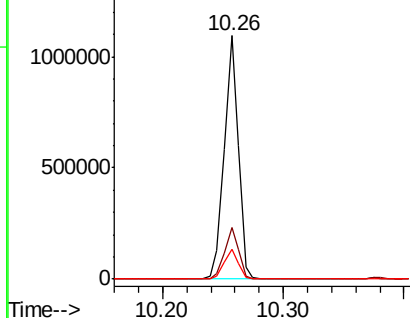
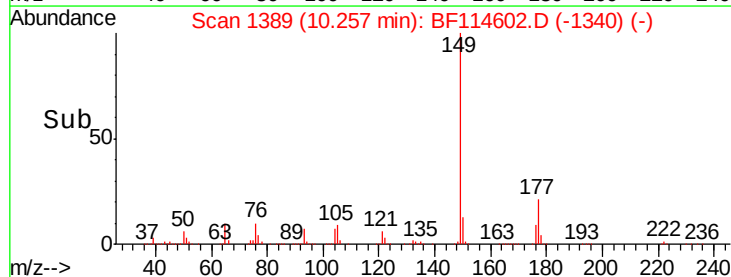


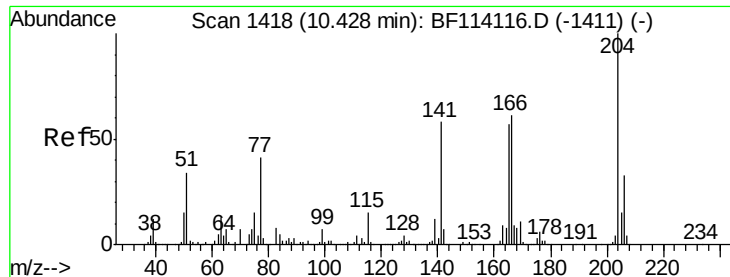
Abundance

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

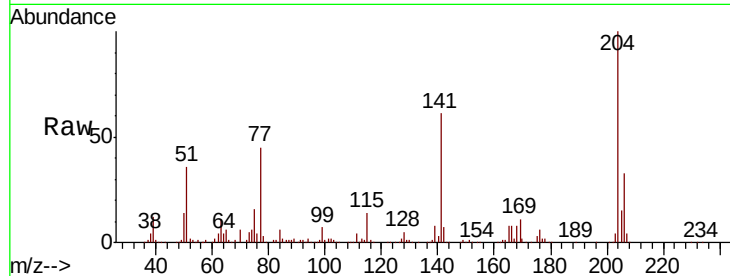




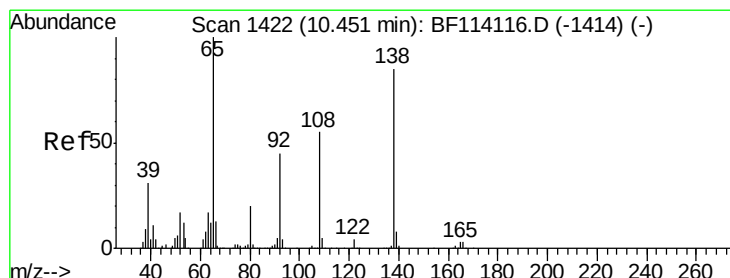
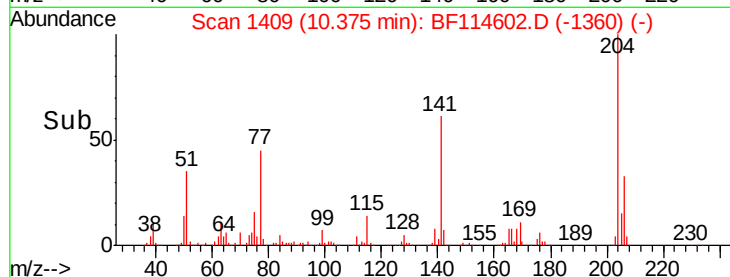
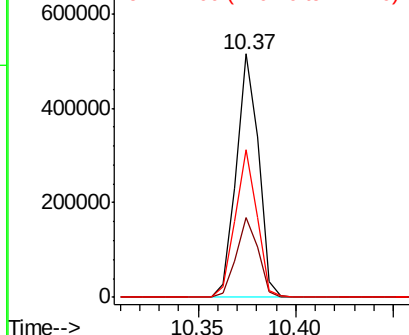
#61
4-Chlorophenyl-phenylether
Concen: 44.027 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 407430
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 60.6 46.4 69.6

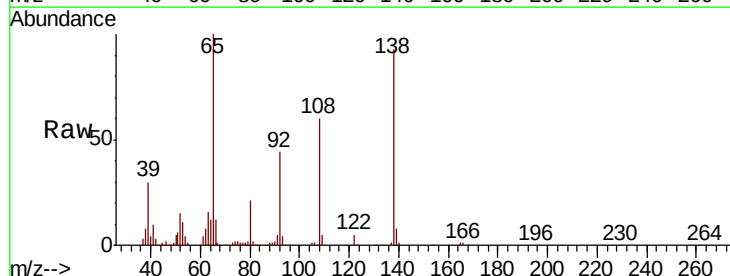


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

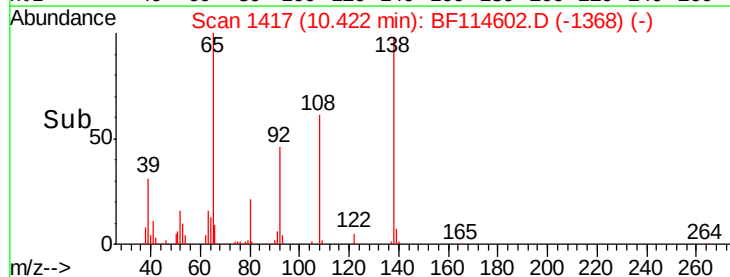
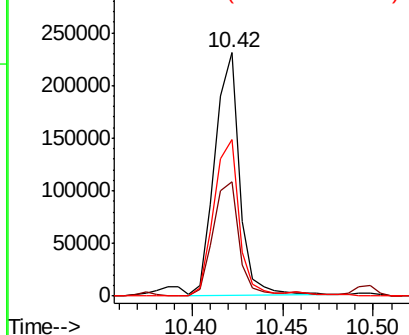


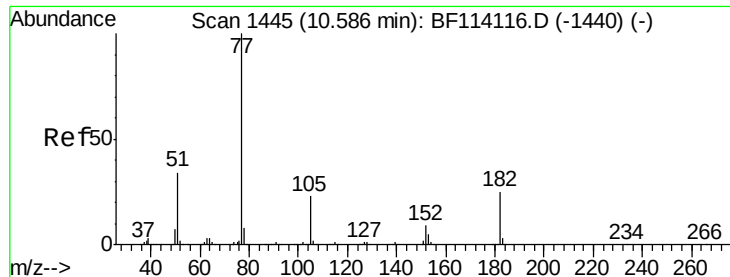
#62
4-Nitroaniline
Concen: 37.629 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion:138 Resp: 219098
Ion Ratio Lower Upper
138 100
92 47.1 33.0 73.0
108 64.4 44.9 84.9



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





#63

Azobenzene

Concen: 41.262 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 816688

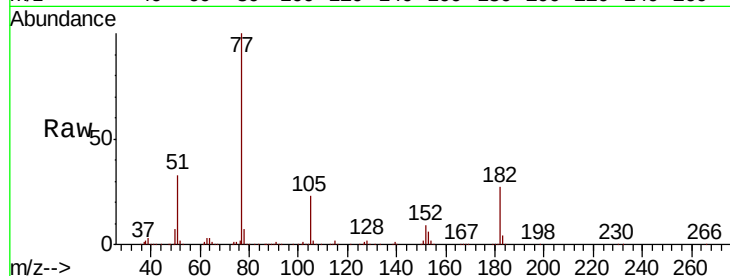
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 22.9 2.9 42.9

51 33.2 14.6 54.6

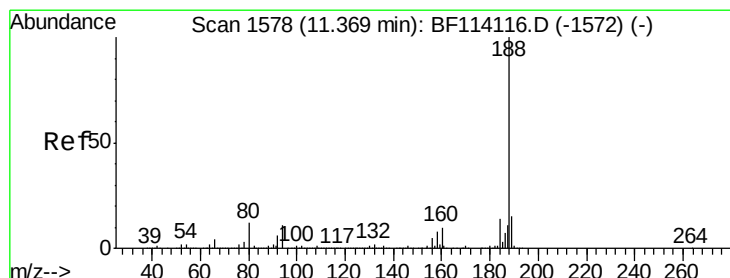
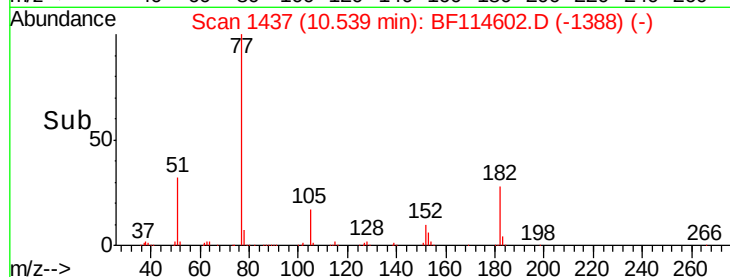
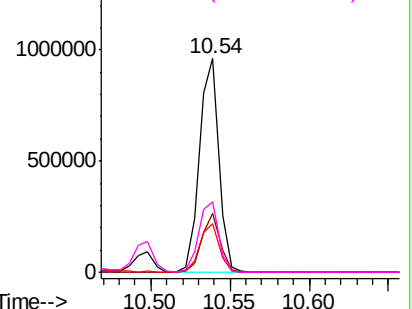


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

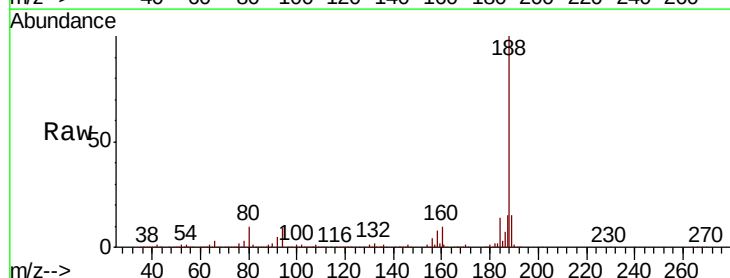
Tgt Ion: 188 Resp: 535955

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

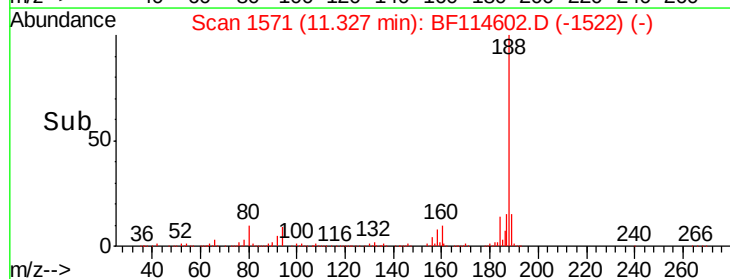
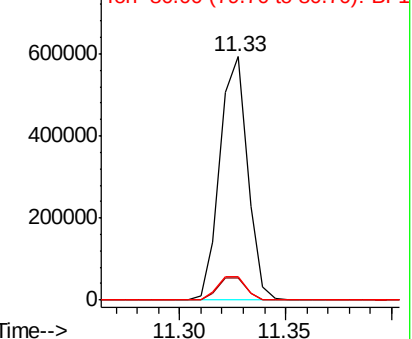
80 9.5 9.2 13.8

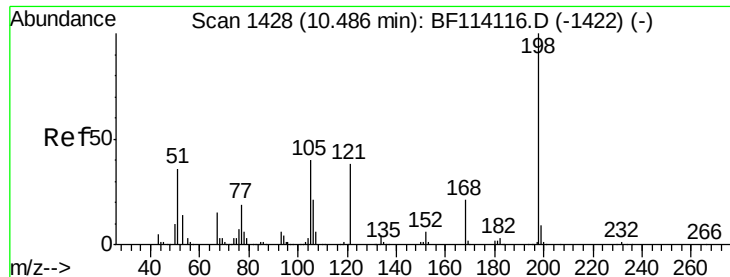


Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.122 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

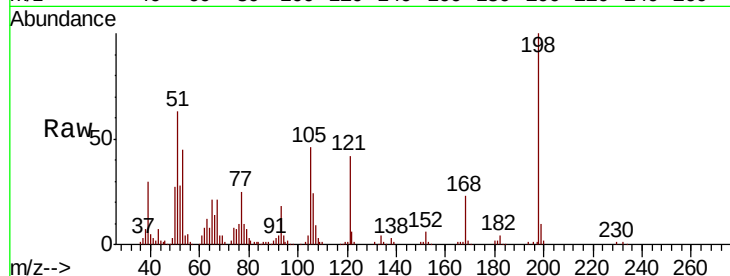
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 111053

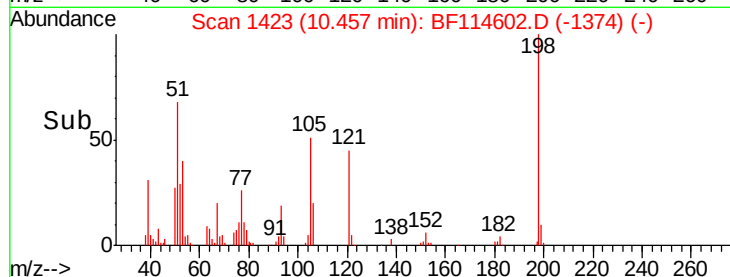
Ion	Ratio	Lower	Upper
198	100		
51	63.1	28.0	68.0
105	46.5	21.1	61.1



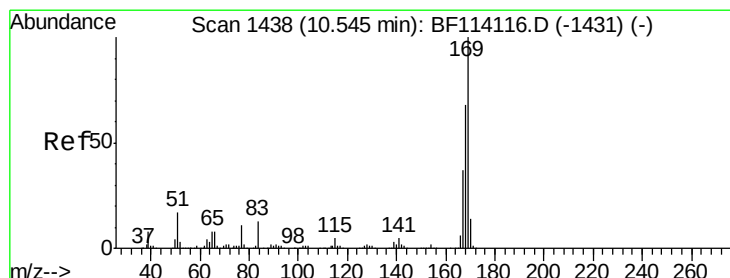
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.826 ng

RT: 10.50 min Scan# 1430

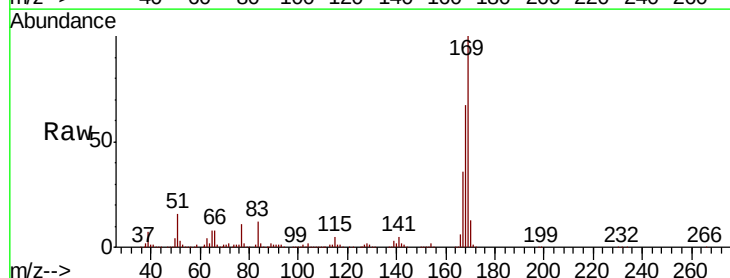
Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Tgt Ion:169 Resp: 712889

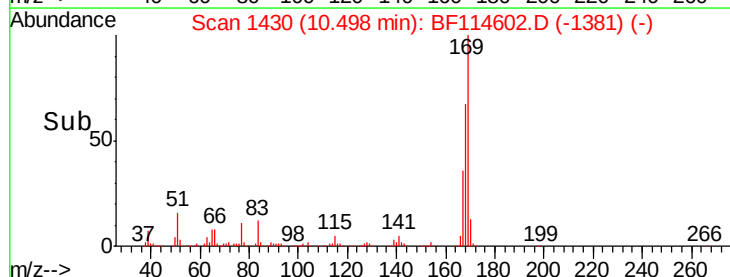
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.2
167	36.4	29.8	44.8



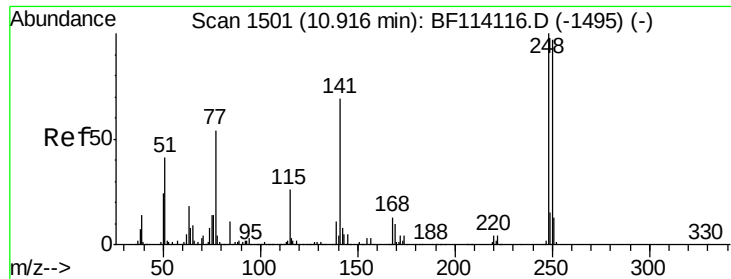
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



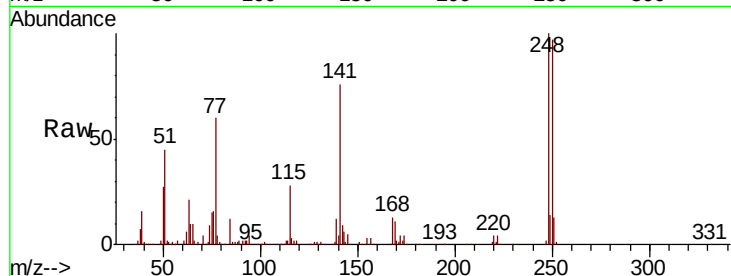
Time-->



#67
4-Bromophenyl-phenylether
Concen: 43.478 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	75.7	55.6	83.4

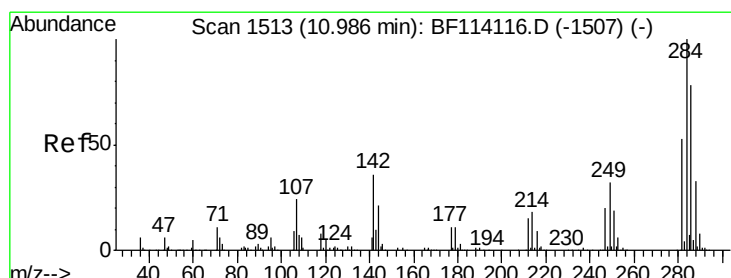
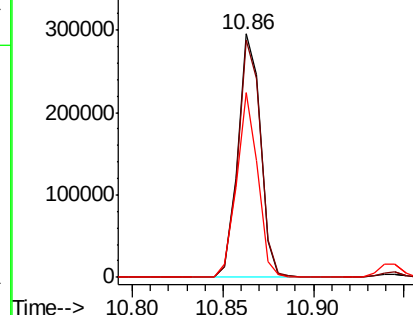
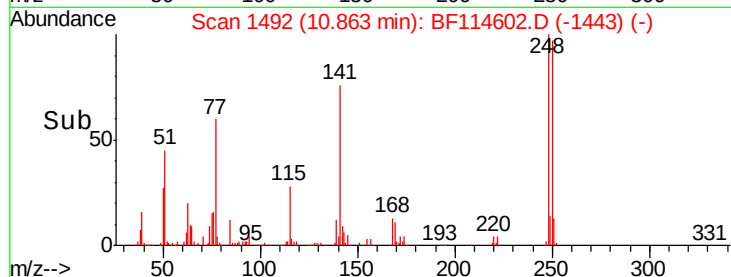


Abundance

Ion 248.00 (247.70 to 248.70): E

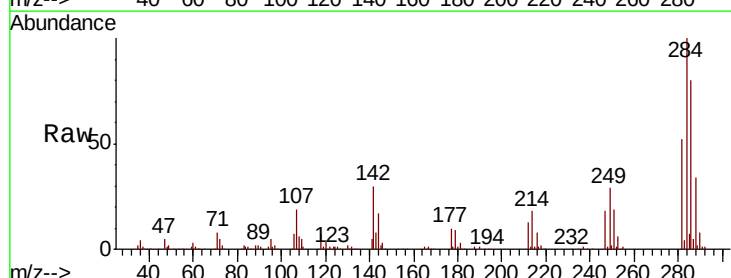
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.357 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.4	42.6
249	28.9	25.2	37.8

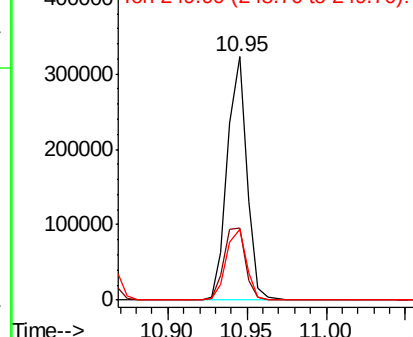
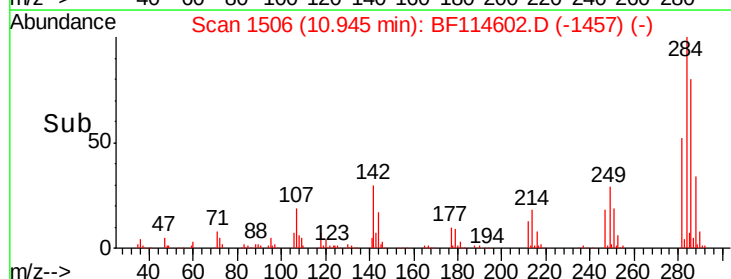


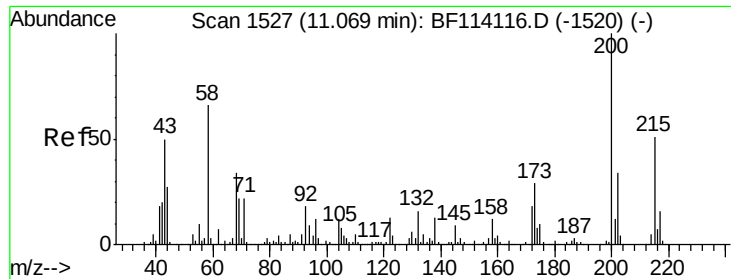
Abundance

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: 42.492 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

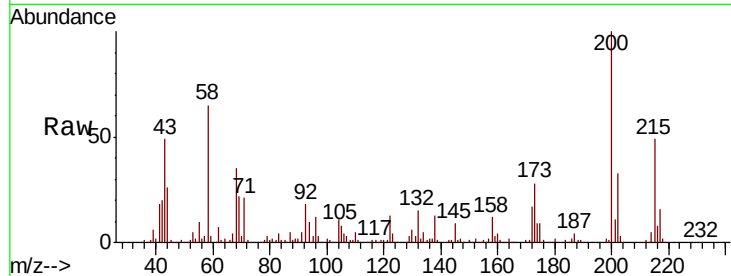
Tot Ion:200 Resp: 215095

Ion Ratio Lower Upper

200 100

173 28.4 8.9 48.9

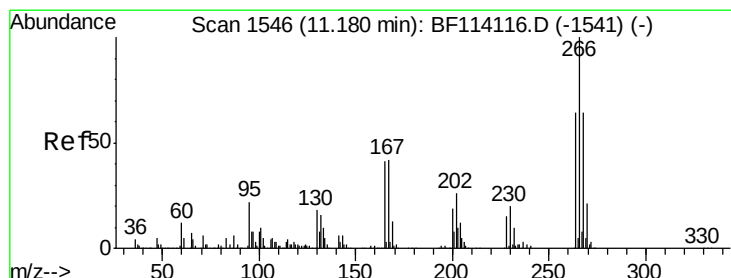
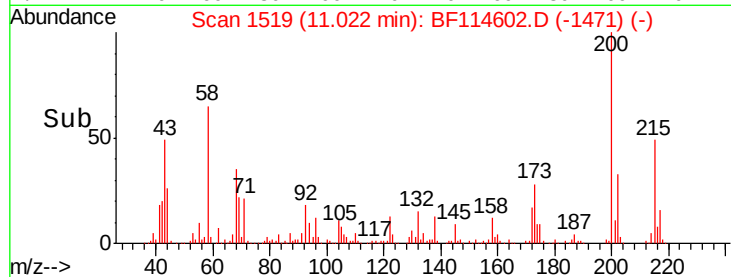
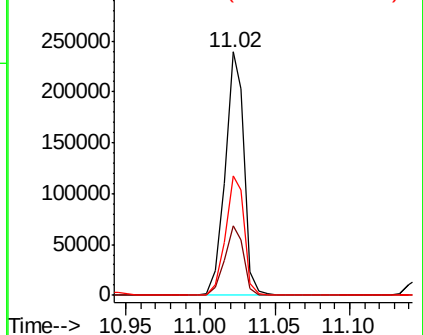
215 49.0 30.7 70.7



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: 36.817 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

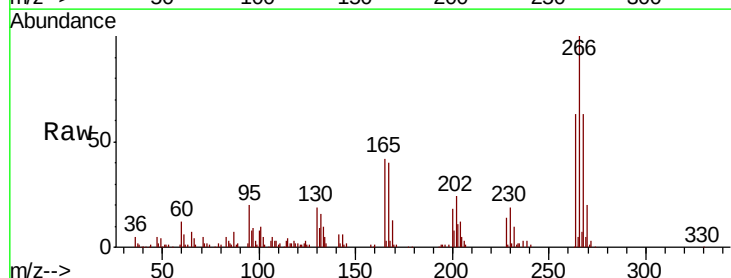
Tgt Ion:266 Resp: 113935

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

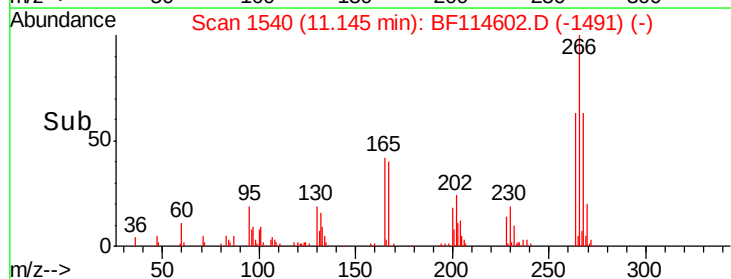
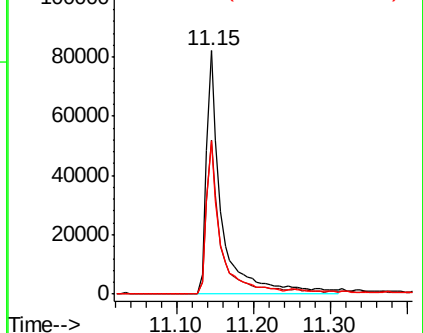
264 62.7 51.1 76.7

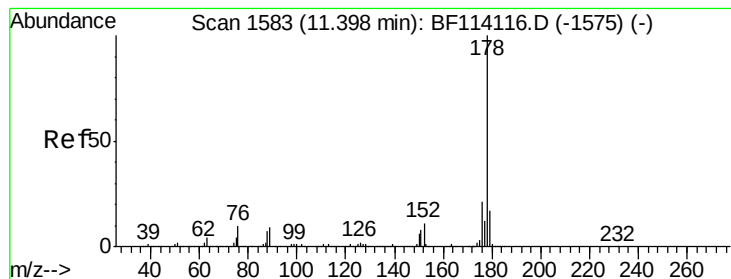


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.453 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

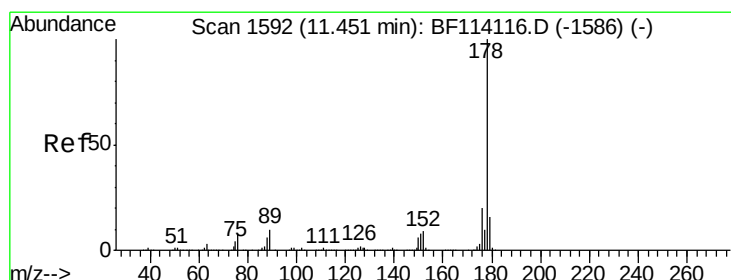
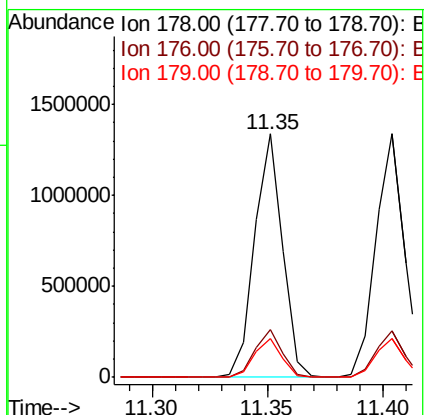
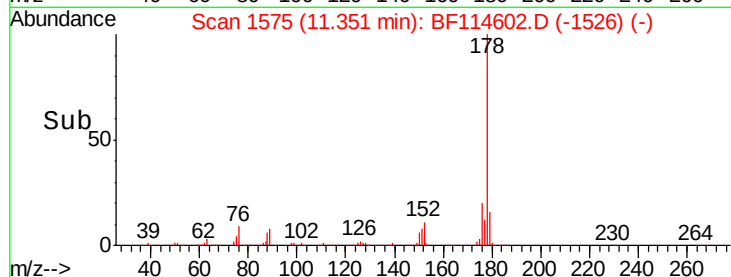
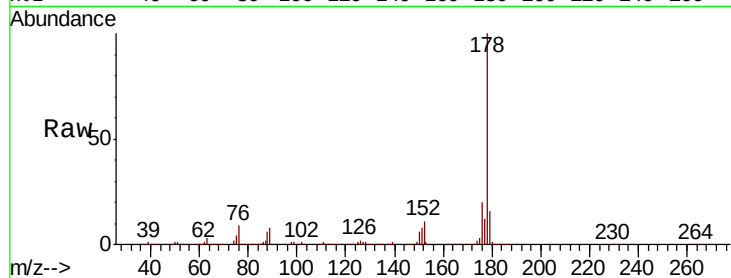
Tot Ion:178 Resp: 1133041

Ion Ratio Lower Upper

178 100

176 19.8 16.4 24.6

179 15.9 13.2 19.8



#72

Anthracene

Concen: 44.040 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

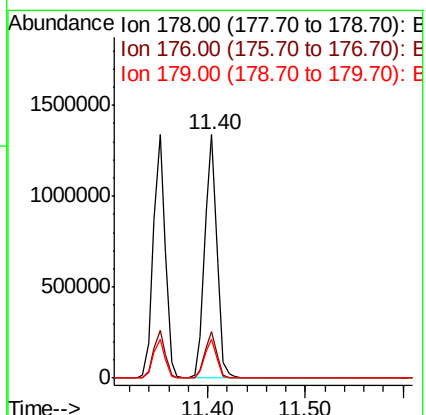
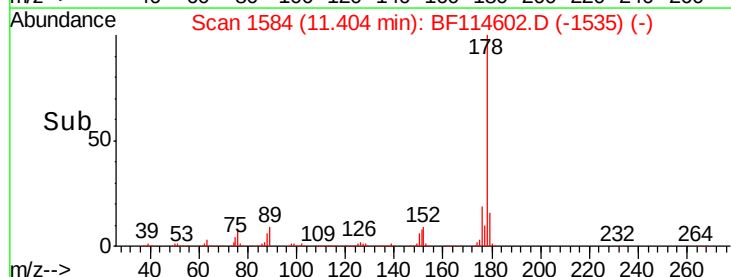
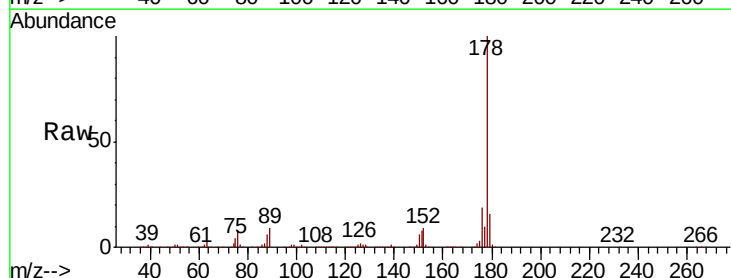
Tgt Ion:178 Resp: 1153412

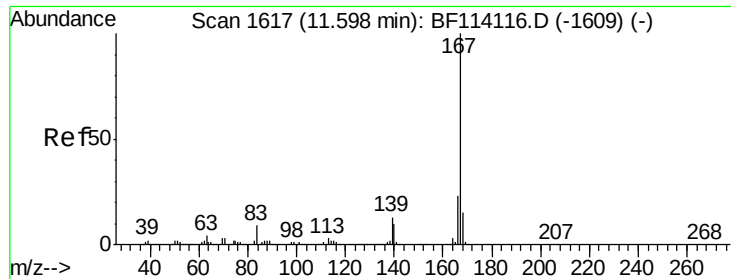
Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 16.0 13.0 19.4



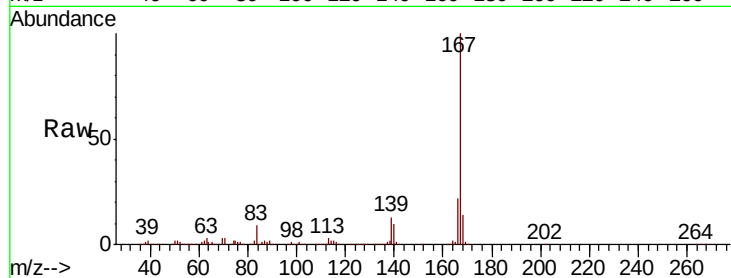


#73
 Carbazole
 Concen: 43.373 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

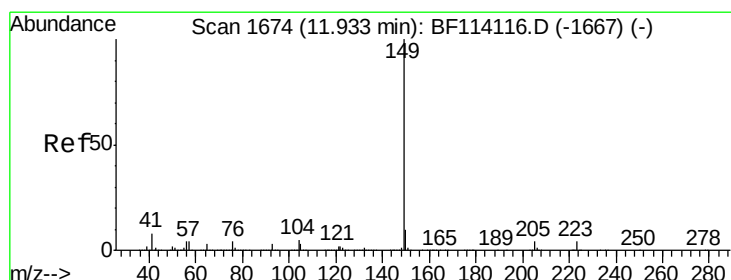
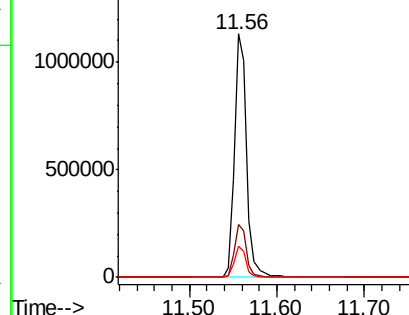
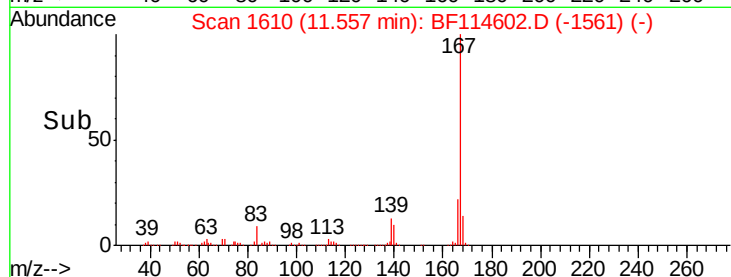
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1083209

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	12.6	10.6	16.0



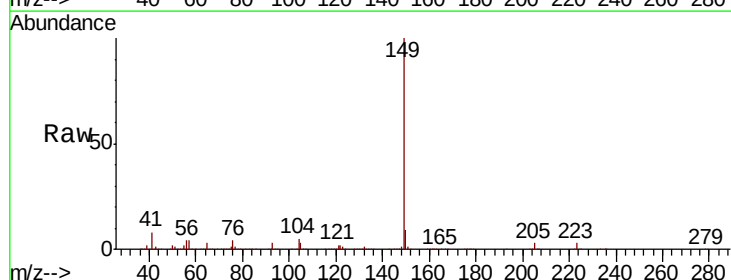
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



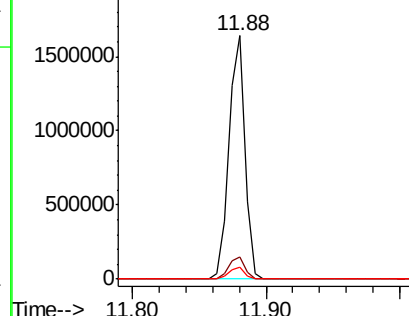
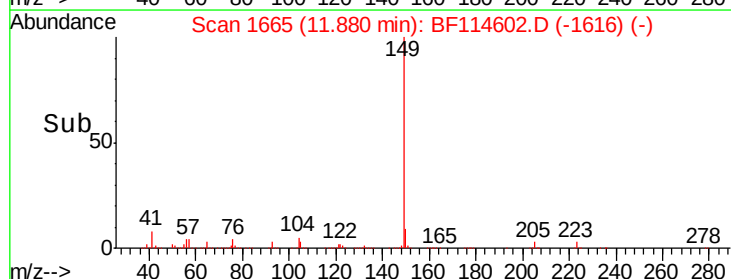
#74
 Di-n-butylphthalate
 Concen: 48.513 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114602.D
 Acq: 25 May 2019 14:34

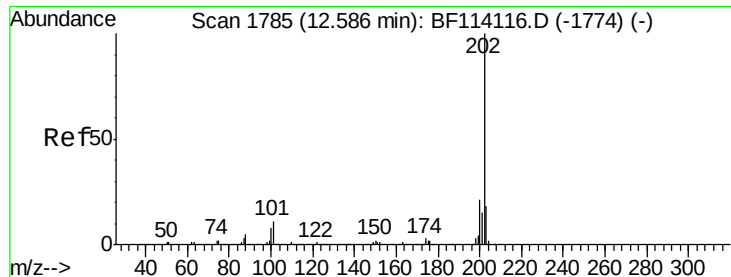
Tgt Ion:149 Resp: 1395839

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.7	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.072 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

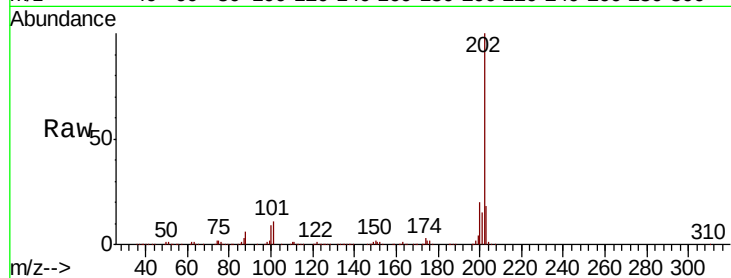
Tot Ion:202 Resp: 1209427

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.0

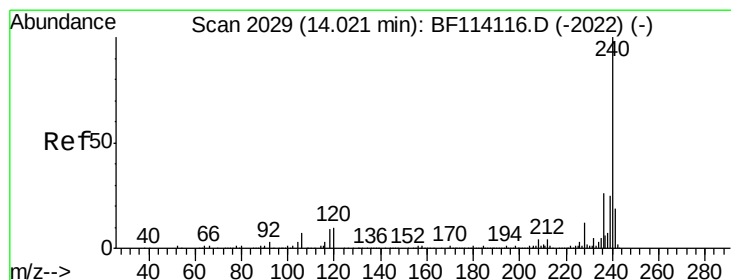
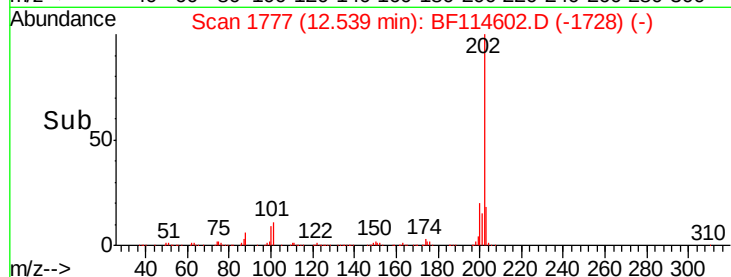
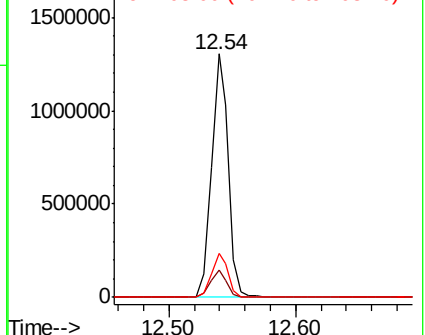
203 18.0 0.0 38.4



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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

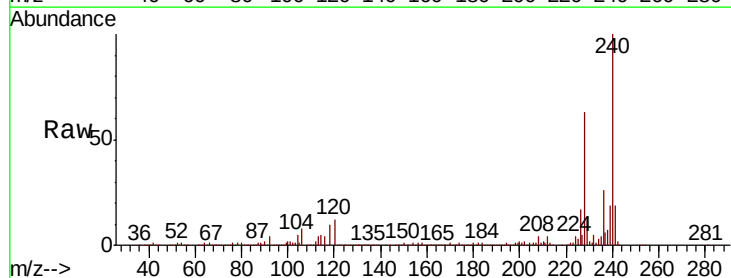
Tgt Ion:240 Resp: 363419

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

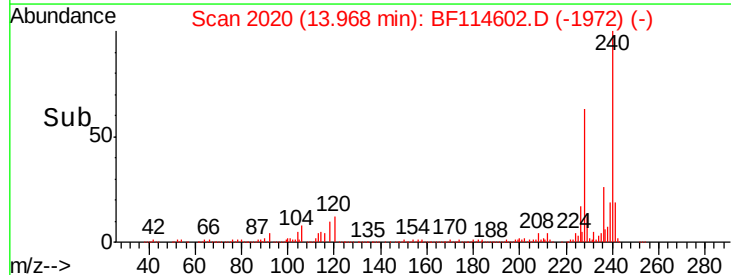
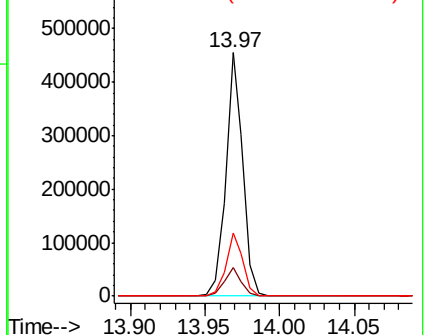
236 26.2 20.8 31.2

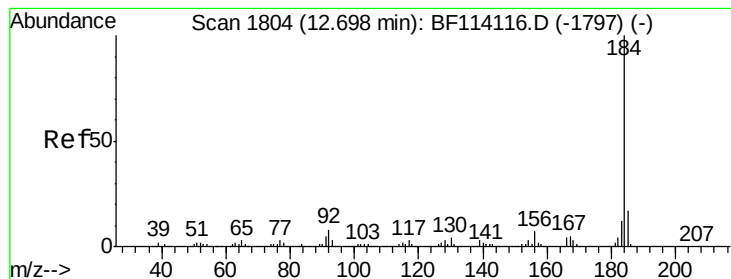


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.508 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

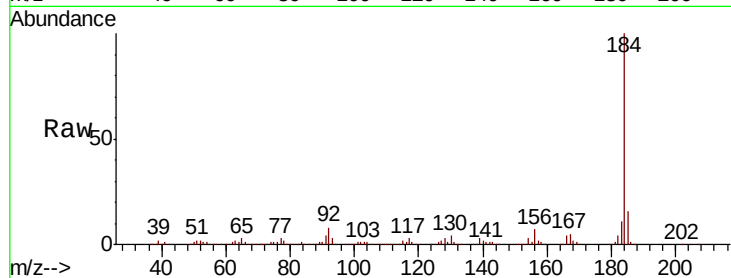
Tot Ion:184 Resp: 579247

Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.6	20.4
183	10.7	9.2	13.8

184 100

185 15.6 13.6 20.4

183 10.7 9.2 13.8

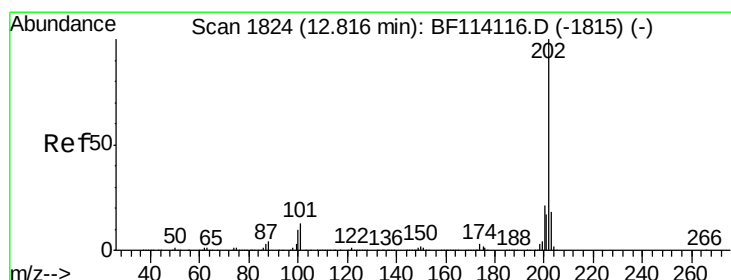
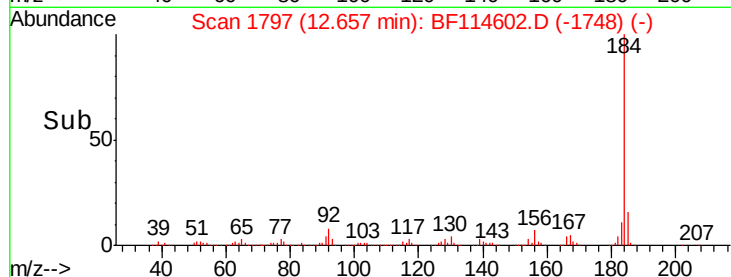
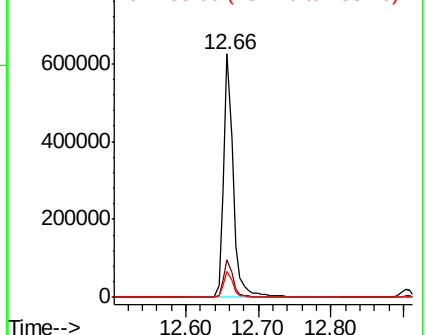


Abundance

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: 41.326 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

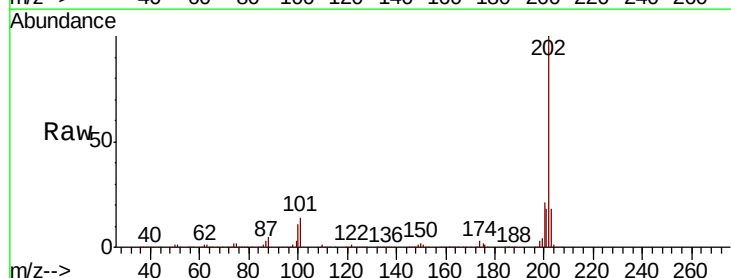
Tgt Ion:202 Resp: 1208189

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.1	14.5	21.7

202 100

200 20.7 16.9 25.3

203 18.1 14.5 21.7

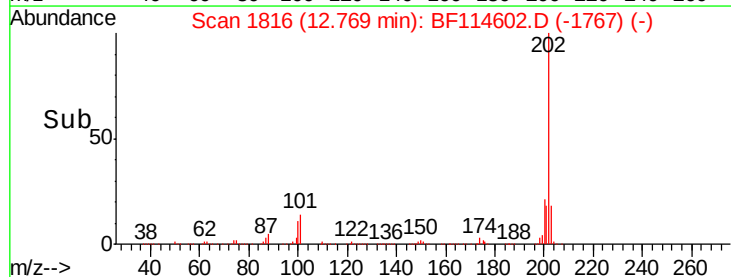
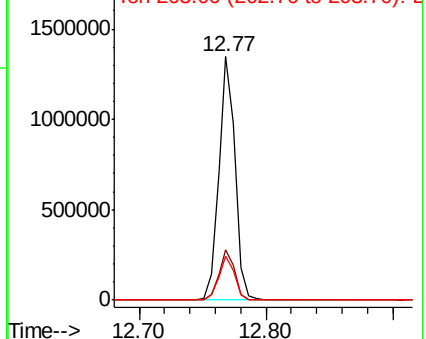


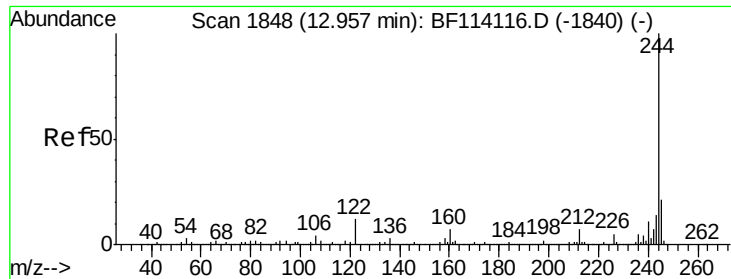
Abundance

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: 87.516 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

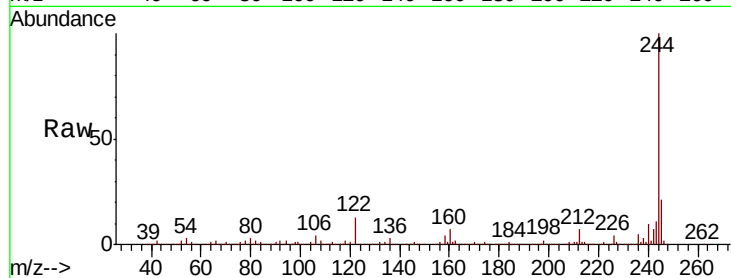
Tot Ion:244 Resp: 1542866

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

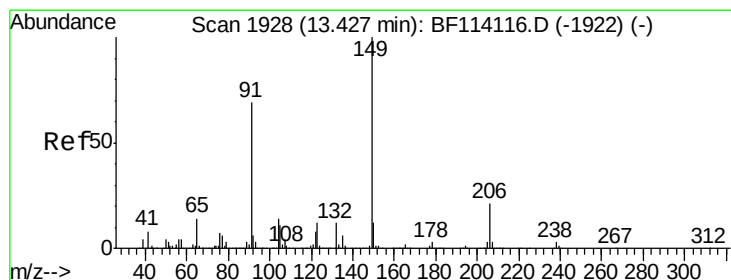
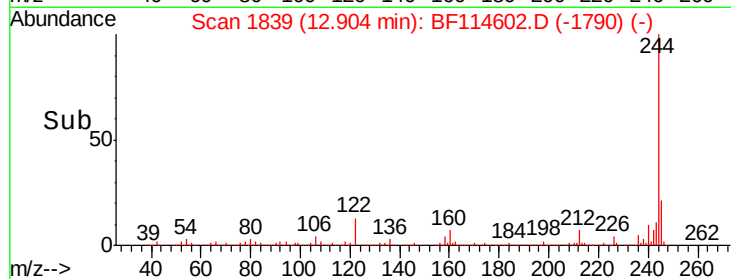
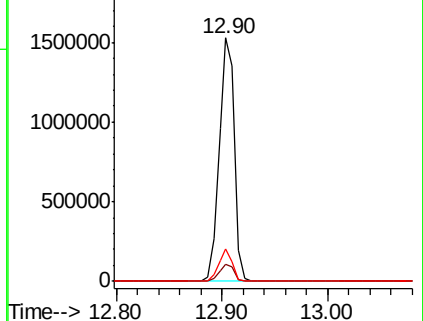
122 13.1 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.384 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

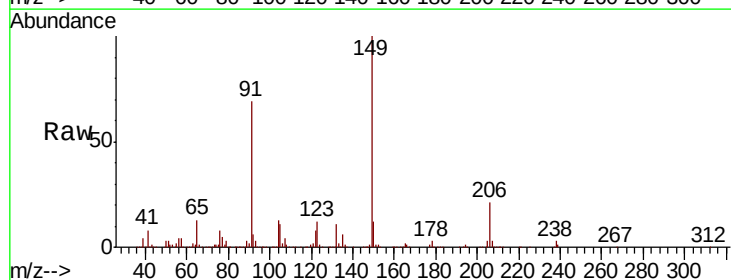
Tgt Ion:149 Resp: 583080

Ion Ratio Lower Upper

149 100

91 68.7 55.0 82.4

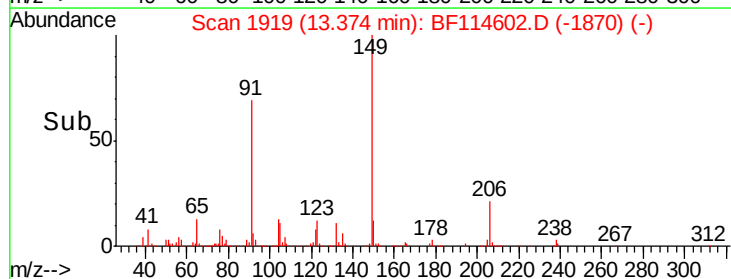
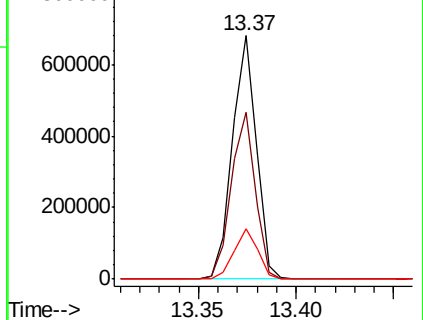
206 20.8 16.9 25.3

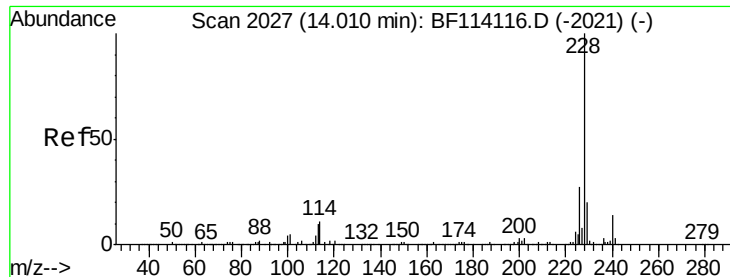


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.732 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

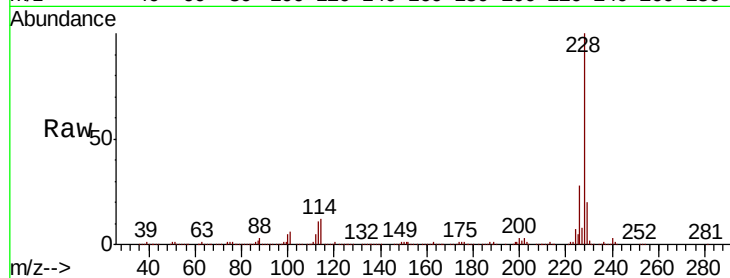
Tot Ion:228 Resp: 1027961

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.5	16.4	24.6

228 100

226 27.5 22.2 33.2

229 20.5 16.4 24.6

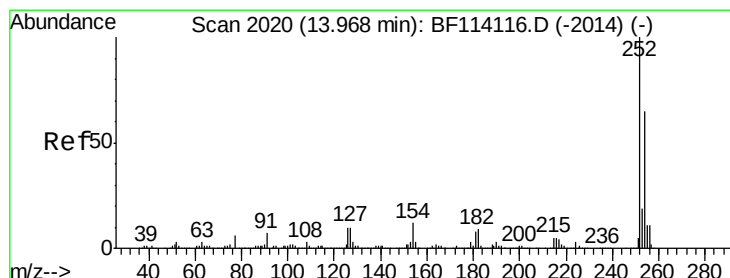
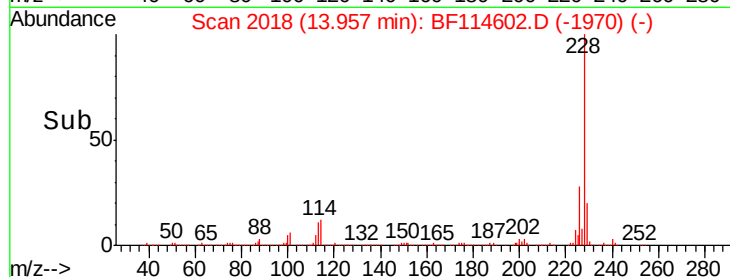
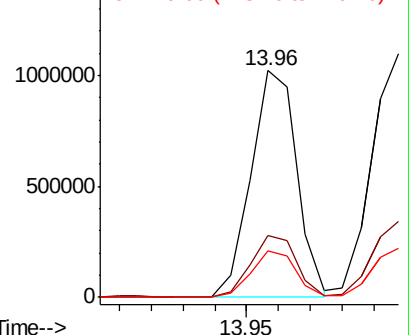


Abundance

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: 46.048 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

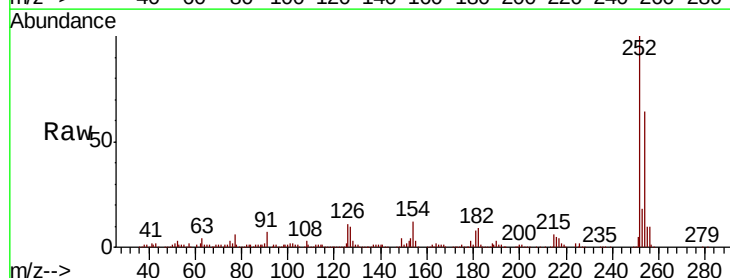
Tgt Ion:252 Resp: 419887

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	10.5	7.9	11.9

252 100

254 63.9 51.9 77.9

126 10.5 7.9 11.9

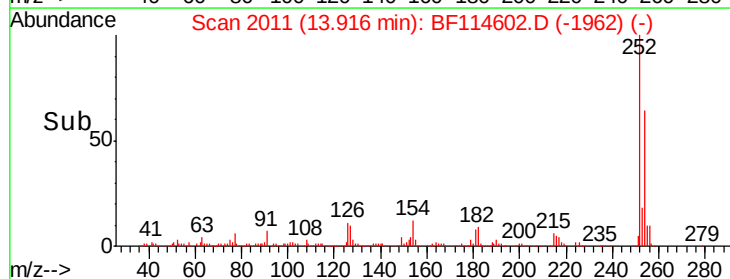
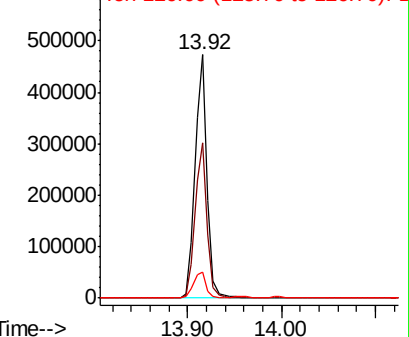


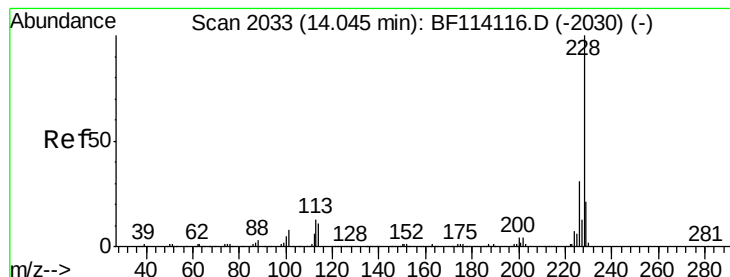
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.211 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

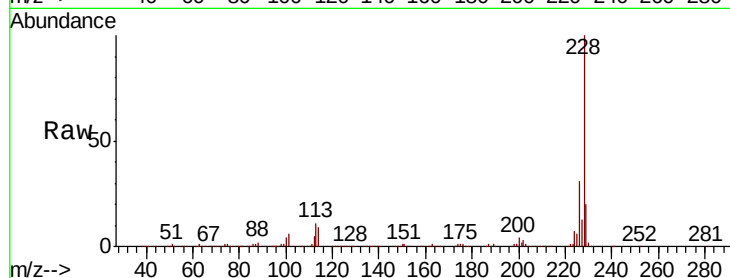
Tot Ion:228 Resp: 995670

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

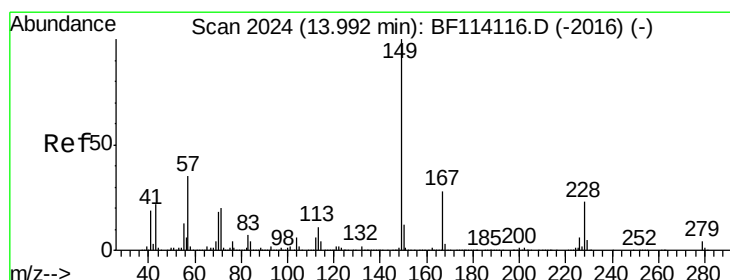
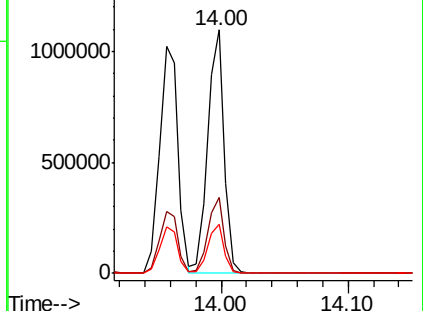
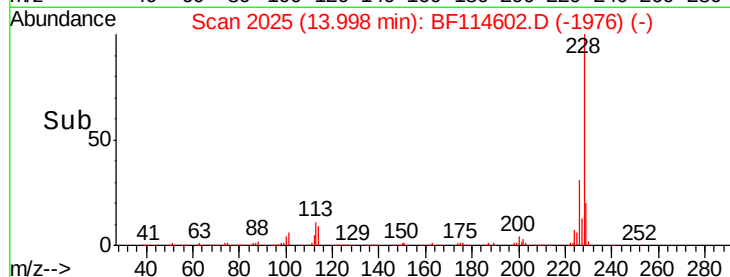
229 20.1 17.0 25.6



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: 50.452 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

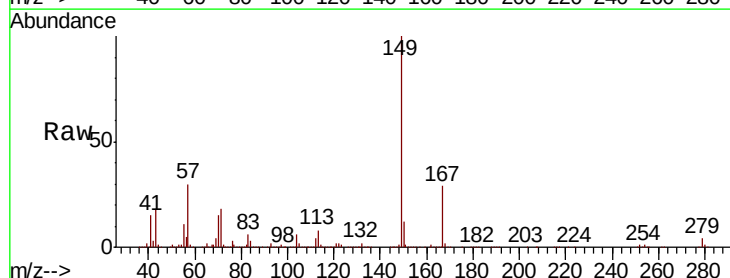
Tgt Ion:149 Resp: 811967

Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

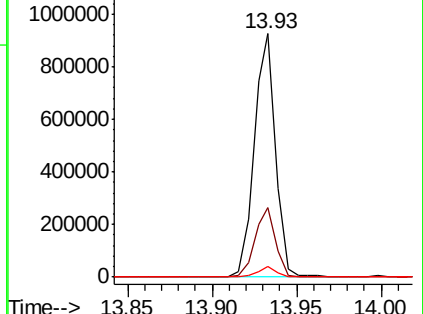
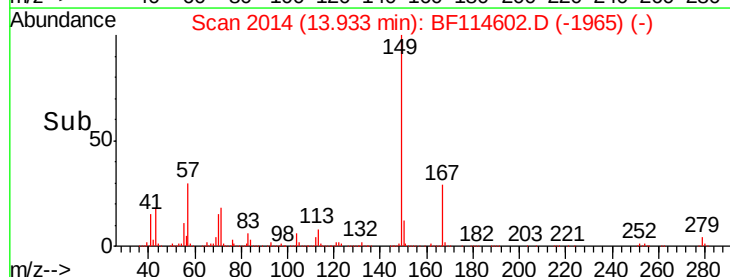
279 4.3 3.0 4.6

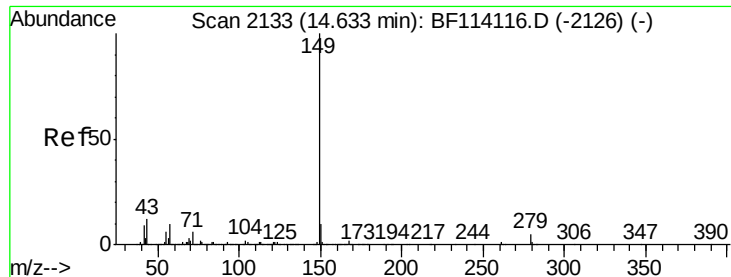


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.137 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

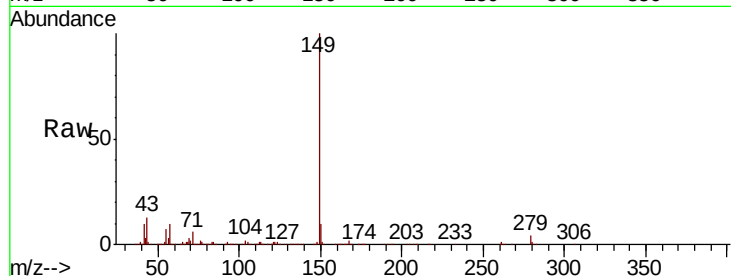
Tot Ion:149 Resp: 1334134

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

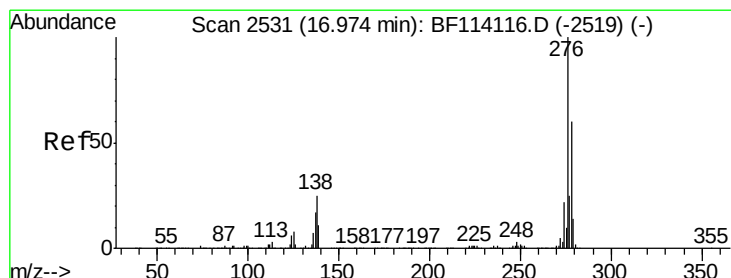
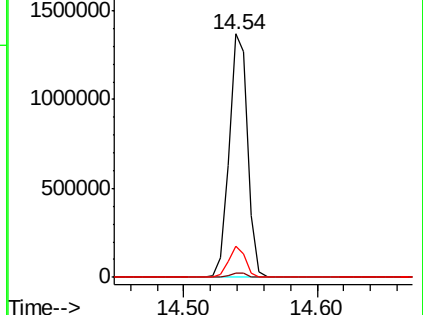
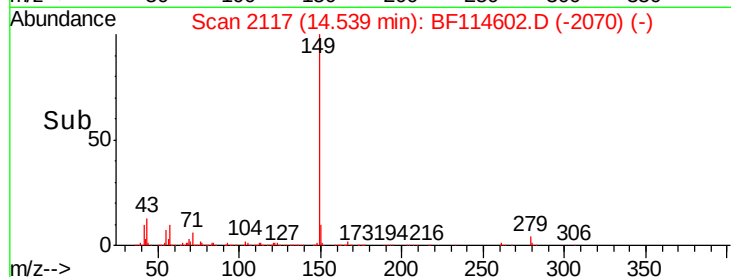
43 11.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.399 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

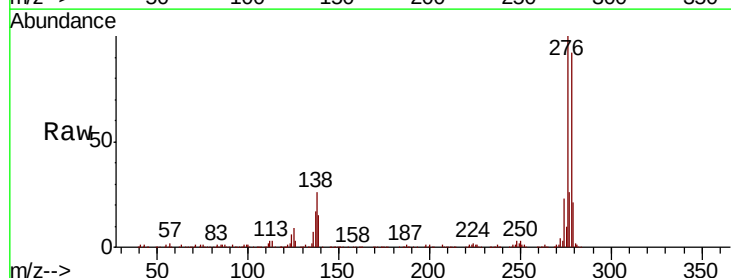
Tgt Ion:276 Resp: 904151

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.2

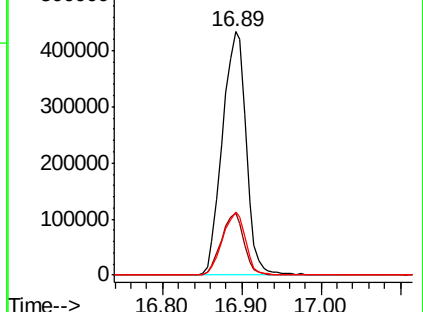
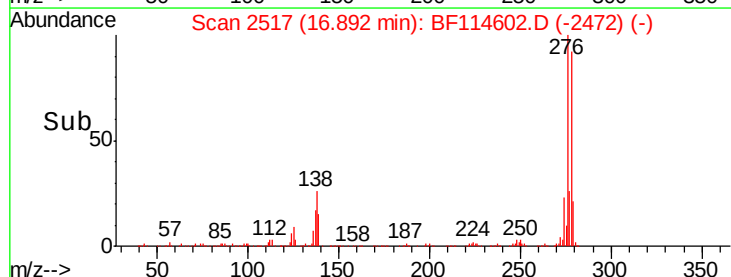
277 25.1 20.0 30.0

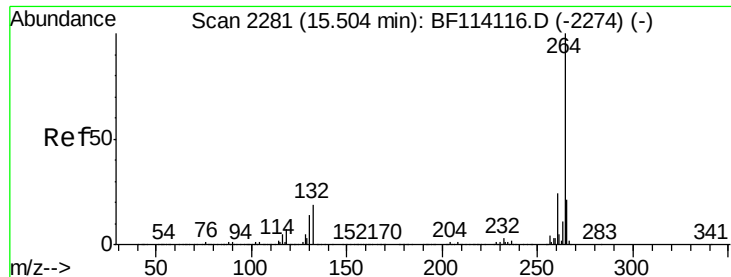


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampleId :

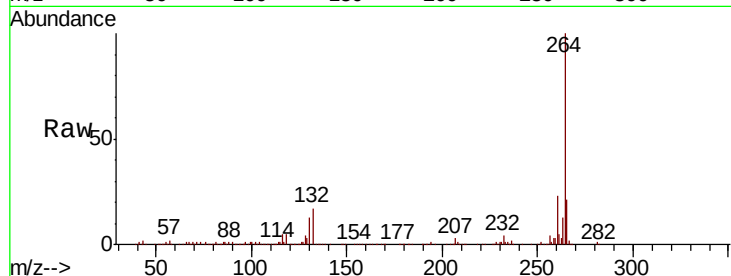
Tot Ion:264 Resp: 366208

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

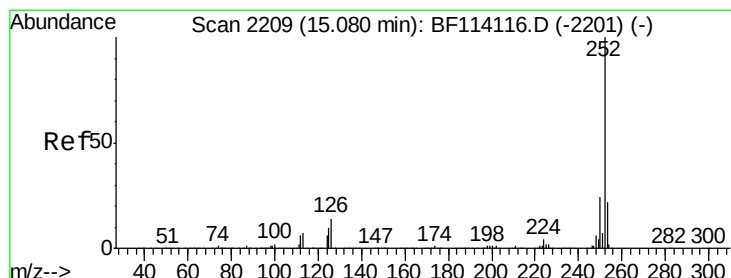
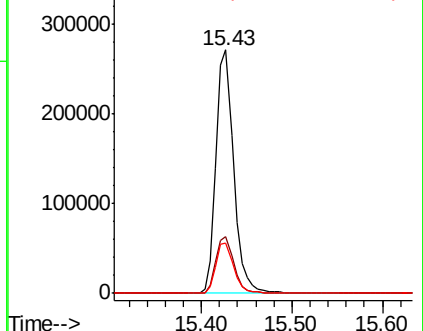
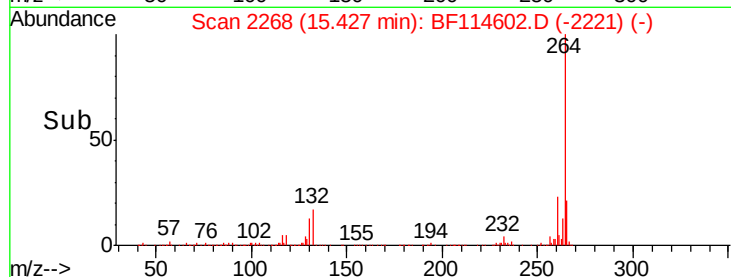
265 20.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.614 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

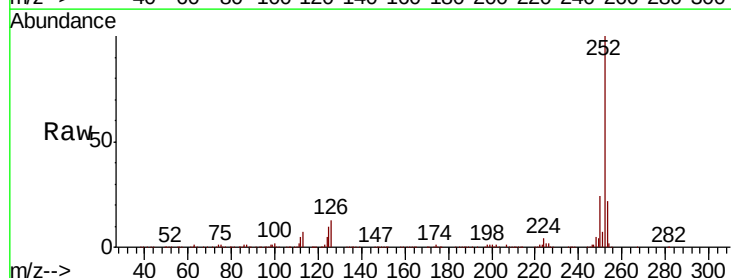
Tgt Ion:252 Resp: 1046714

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

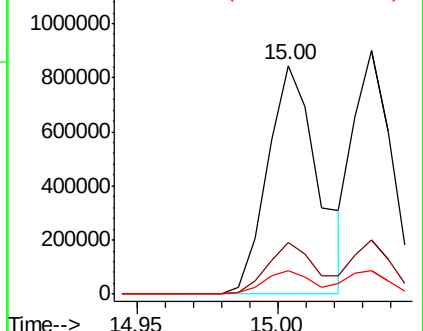
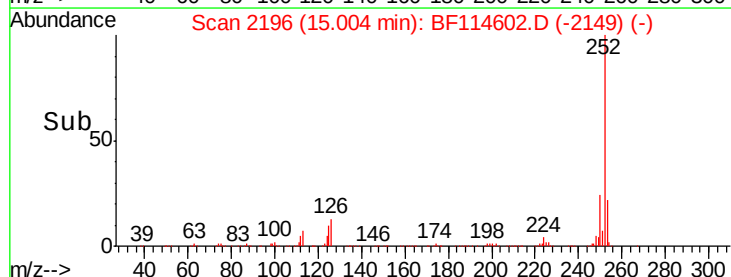
125 10.2 8.3 12.5

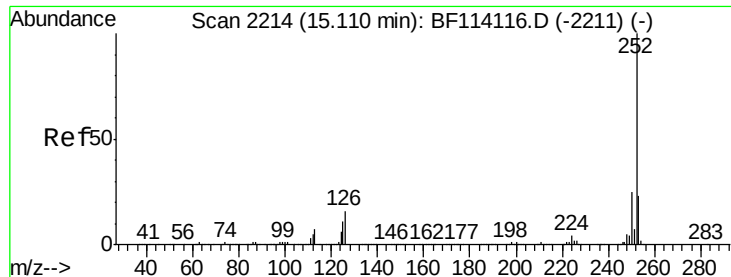


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

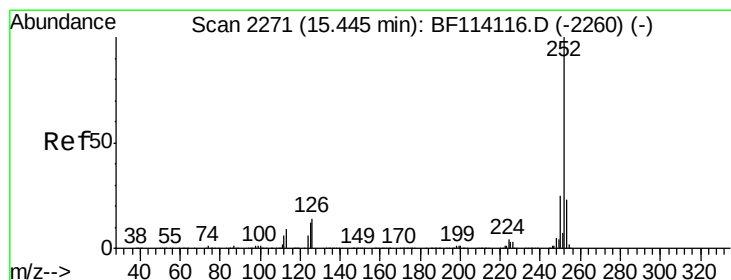
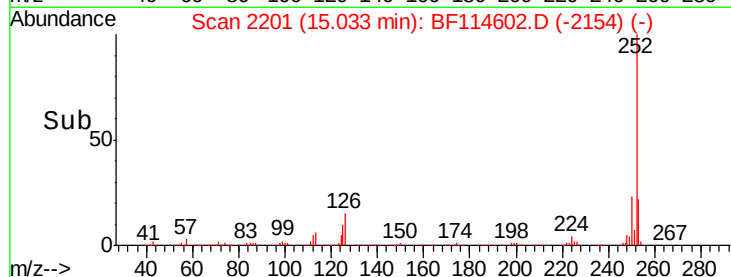
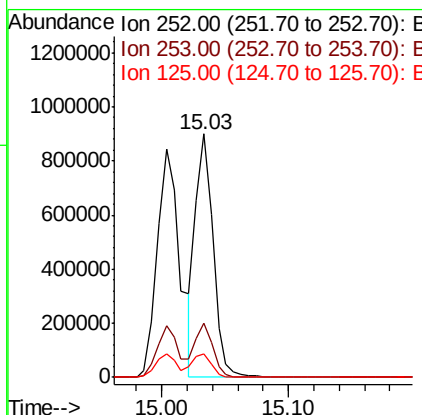
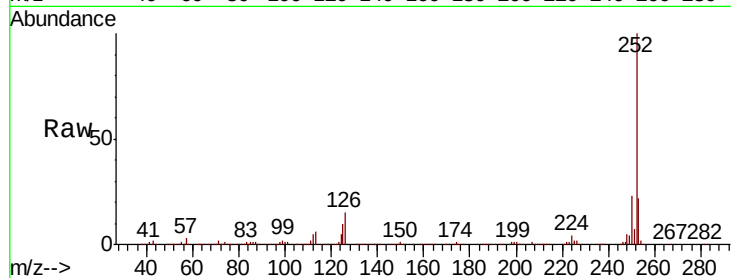




#89
Benzo(k)fluoranthene
Concen: 39.944 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

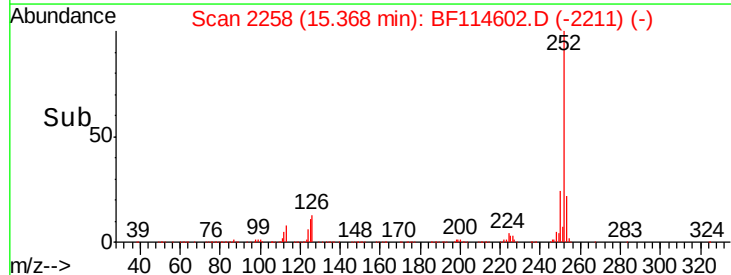
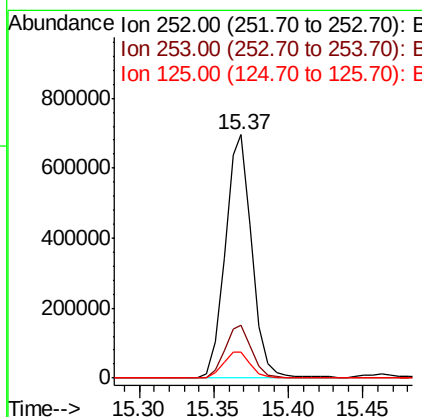
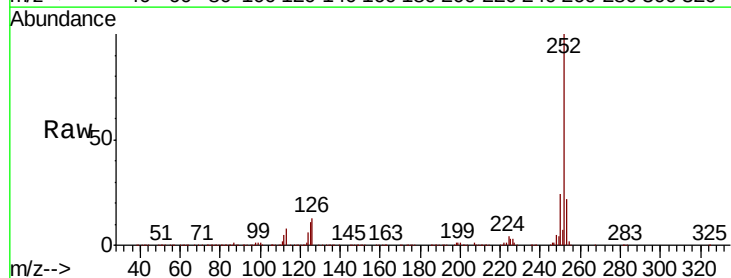
Instrument :
BNA_F
ClientSampleId :

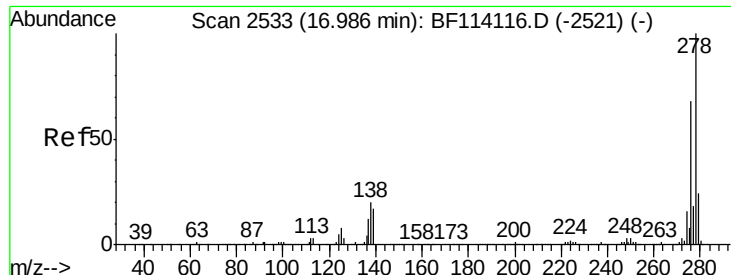
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.9	8.6	13.0



#90
Benzo(a)pyrene
Concen: 42.111 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114602.D
Acq: 25 May 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 43.750 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

Instrument :

BNA_F

ClientSampled :

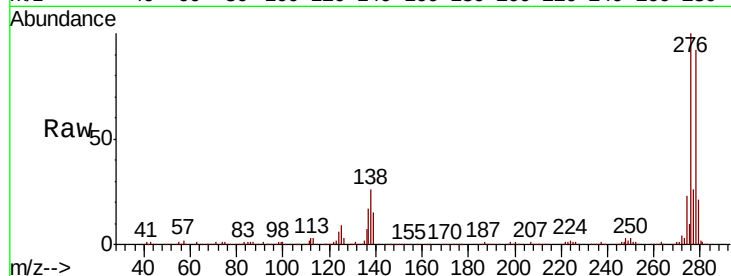
Tot Ion:278 Resp: 750636

Ion Ratio Lower Upper

278 100

139 15.8 13.5 20.3

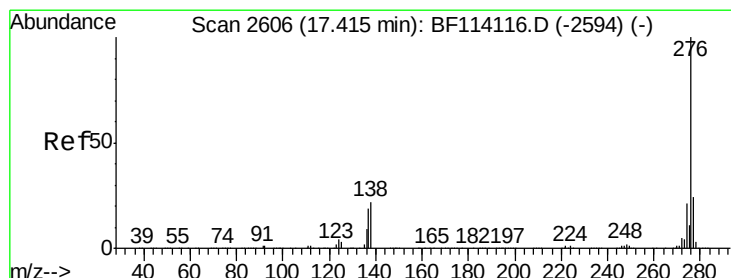
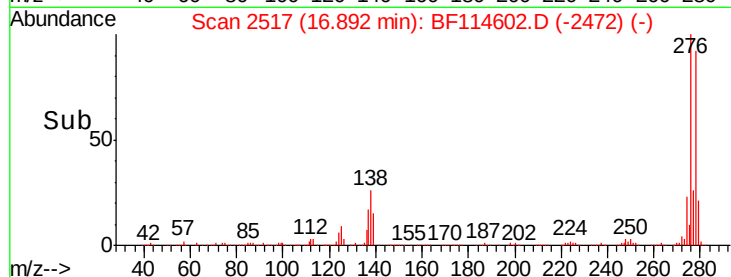
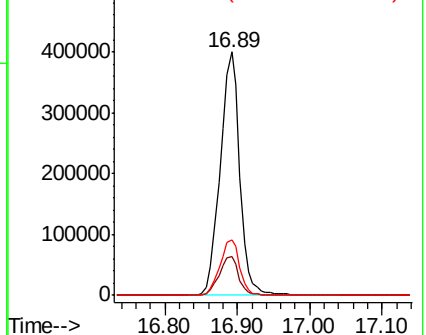
279 22.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.424 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114602.D

Acq: 25 May 2019 14:34

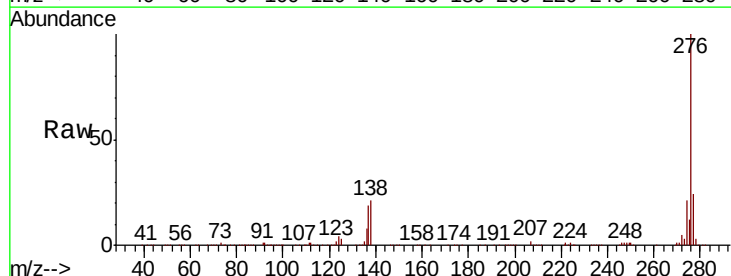
Tgt Ion:276 Resp: 746648

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.1 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

