

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113262.D
 Acq On : 24 Mar 2019 12:24
 Operator : JU/SJ
 Sample : PB118222BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Quant Time: Mar 25 04:17:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	221284	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	798500	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	417644	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	745121	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	466769	20.00	ng	0.00
87) Perylene-d12	15.27	264	406970	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1445213	101.59	ng	0.00
7) Phenol-d6	6.37	99	1823856	102.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	1089423	81.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	541657	122.17	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	2024391	78.77	ng	-0.02
79) Terphenyl-d14	12.81	244	1893683	78.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	221240	31.026	ng	98
3) Pyridine	3.20	79	467569	24.509	ng	99
4) n-Nitrosodimethylamine	3.13	42	255325	30.595	ng	99
6) Aniline	6.38	93	531263	21.598	ng	# 18
8) 2-Chlorophenol	6.51	128	552927	34.917	ng	93
9) Benzaldehyde	6.26	77	198801	15.440	ng	97
10) Phenol	6.39	94	665018	31.891	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	547239	34.191	ng	96
12) 1,3-Dichlorobenzene	6.66	146	601404	36.764	ng	97
13) 1,4-Dichlorobenzene	6.73	146	608544	37.095	ng	97
14) 1,2-Dichlorobenzene	6.89	146	557497	37.070	ng	100
15) Benzyl Alcohol	6.86	79	464261	34.071	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	870114	32.576	ng	83
17) 2-Methylphenol	6.99	107	474916	36.968	ng	92
18) Hexachloroethane	7.23	117	211509	33.658	ng	# 89
19) n-Nitroso-di-n-propylamine	7.14	70	385525	34.065	ng	98
20) 3+4-Methylphenols	7.14	107	559352	38.566	ng	# 70
22) Acetophenone	7.13	105	777016	41.616	ng	# 91
24) Nitrobenzene	7.30	77	581066	39.123	ng	100
25) Isophorone	7.54	82	1107561	38.526	ng	99
26) 2-Nitrophenol	7.62	139	319650	51.701	ng	99
27) 2,4-Dimethylphenol	7.66	122	518430	45.072	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	695853	38.715	ng	99
29) 2,4-Dichlorophenol	7.86	162	505785	45.344	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	523819	43.705	ng	99
31) Naphthalene	8.02	128	1566542	39.516	ng	100
32) Benzoic acid	7.79	122	135359	16.790	ng	91
33) 4-Chloroaniline	8.07	127	429086	25.554	ng	99
34) Hexachlorobutadiene	8.14	225	300478	44.454	ng	98
35) Caprolactam	8.46	113	83309	21.206	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	491297	39.799	ng	98
37) 2-Methylnaphthalene	8.71	142	1059641	41.390	ng	99
38) 1-Methylnaphthalene	8.81	142	993127	40.046	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	490037	40.236	ng	98

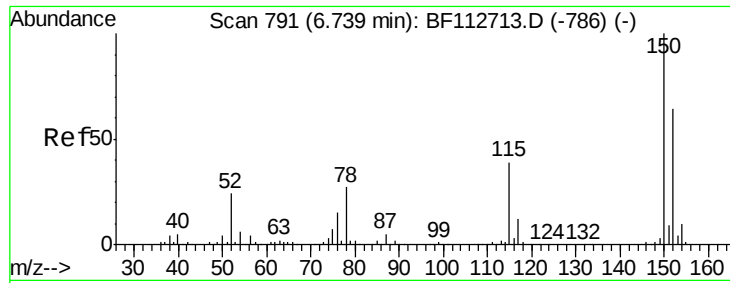
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113262.D
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 QLast Update : Wed Mar 13 03:42:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	449120	67.343	ng	97
43) 2,4,6-Trichlorophenol	9.00	196	349487	41.695	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	375671	41.466	ng	96
46) 1,1'-Biphenyl	9.17	154	1316372	38.643	ng	100
47) 2-Chloronaphthalene	9.20	162	1027411	38.625	ng	99
48) 2-Nitroaniline	9.30	65	328817	40.670	ng	95
49) Acenaphthylene	9.62	152	1591318	35.240	ng	99
50) Dimethylphthalate	9.48	163	1219551	39.602	ng	99
51) 2,6-Dinitrotoluene	9.54	165	276823	43.168	ng	87
52) Acenaphthene	9.79	154	942542	35.692	ng	99
53) 3-Nitroaniline	9.71	138	234124	29.962	ng	98
54) 2,4-Dinitrophenol	9.82	184	166128	64.677	ng	98
55) Dibenzofuran	9.96	168	1412112	36.793	ng	98
56) 4-Nitrophenol	9.89	139	399829	62.959	ng	97
57) 2,4-Dinitrotoluene	9.95	165	353156	44.304	ng	92
58) Fluorene	10.30	166	1043769	38.317	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	315072	41.742	ng	93
60) Diethylphthalate	10.18	149	1177925	36.217	ng	97
61) 4-Chlorophenyl-phenylether	10.29	204	530307	41.842	ng	91
62) 4-Nitroaniline	10.33	138	294388	40.771	ng	94
63) Azobenzene	10.45	77	1045894	31.395	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	126324	41.908	ng	85
66) n-Nitrosodiphenylamine	10.41	169	940813	39.370	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	335247	42.716	ng	97
68) Hexachlorobenzene	10.85	284	381212	43.089	ng	# 89
69) Atrazine	10.94	200	282305	38.573	ng	99
70) Pentachlorophenol	11.05	266	318778	61.219	ng	98
71) Phenanthrene	11.26	178	1442152	38.901	ng	99
72) Anthracene	11.31	178	1494679	38.516	ng	99
73) Carbazole	11.46	167	1425318	37.650	ng	99
74) Di-n-butylphthalate	11.79	149	1708860	37.647	ng	99
75) Fluoranthene	12.44	202	1514631	38.134	ng	98
77) Benzidine	12.56	184	474181	19.581	ng	100
78) Pyrene	12.67	202	1499616	38.110	ng	100
80) Butylbenzylphthalate	13.29	149	699365	40.265	ng	# 89
81) Benzo(a)anthracene	13.85	228	1046909	32.362	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	326614	26.695	ng	99
83) Chrysene	13.89	228	1072778	33.854	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	782006	38.384	ng	100
85) Di-n-octyl phthalate	14.45	149	1303624	37.264	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1293502	47.881	ng	94
88) Benzo(b)fluoranthene	14.87	252	1149180	43.655	ng	98
89) Benzo(k)fluoranthene	14.90	252	908402	38.097	ng	98
90) Benzo(a)pyrene	15.21	252	1028133	44.156	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	1077954	54.254	ng	97
92) Benzo(g,h,i)perylene	17.05	276	1129345	56.607	ng	95

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

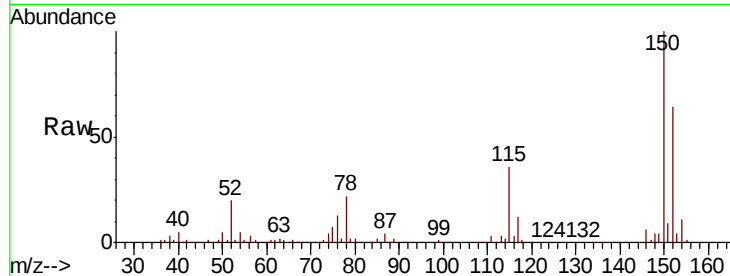


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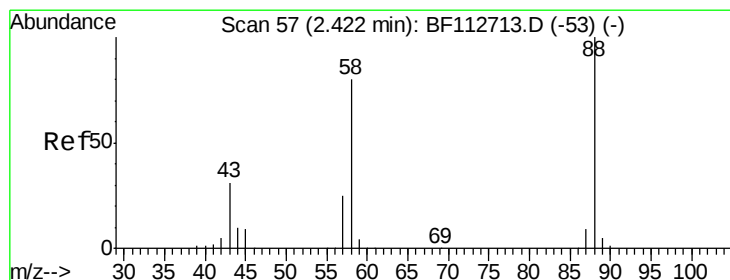
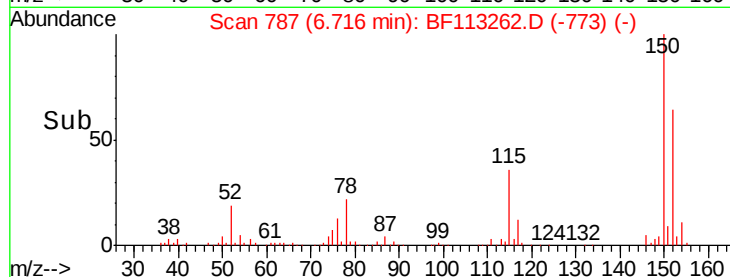
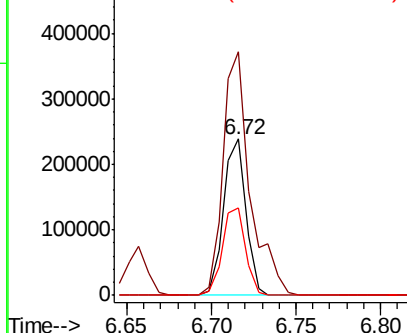
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:152 Resp: 221284
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 56.2 48.2 72.4



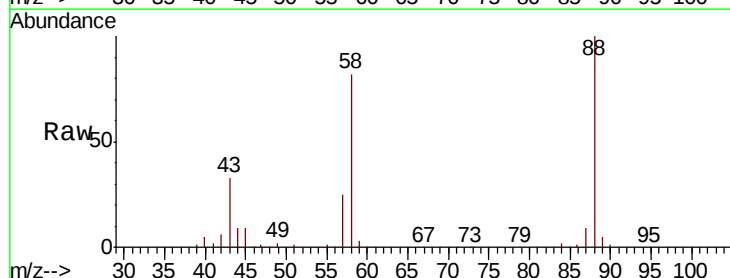
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



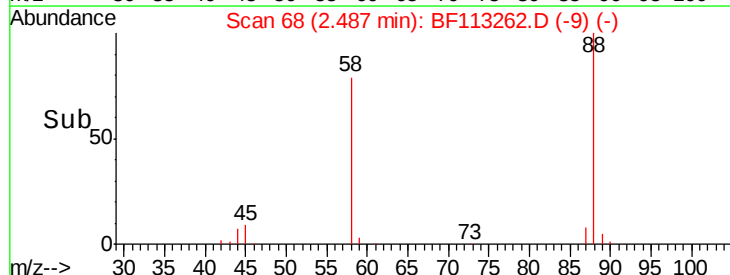
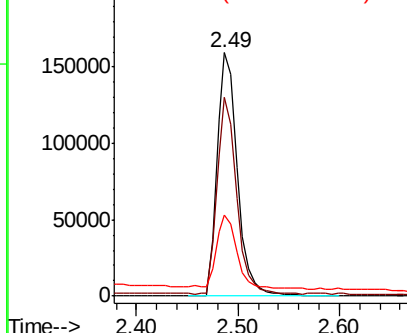
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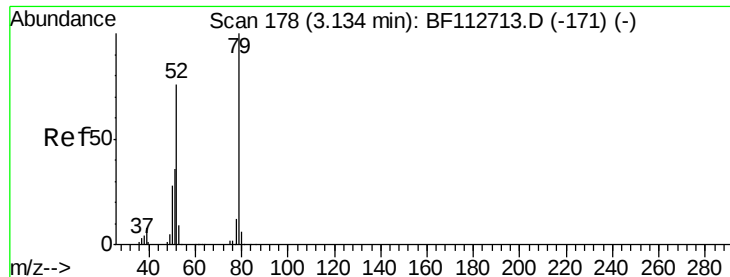
1,4-Dioxane
Concen: 31.026 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.05 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion: 88 Resp: 221240
Ion Ratio Lower Upper
88 100
58 76.7 63.1 94.7
43 31.0 24.3 36.5



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

Pyridine

Concen: 24.509 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.06 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

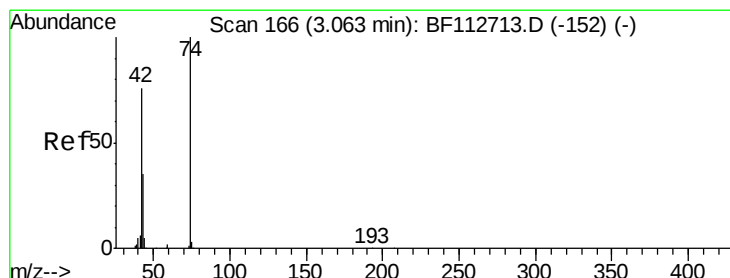
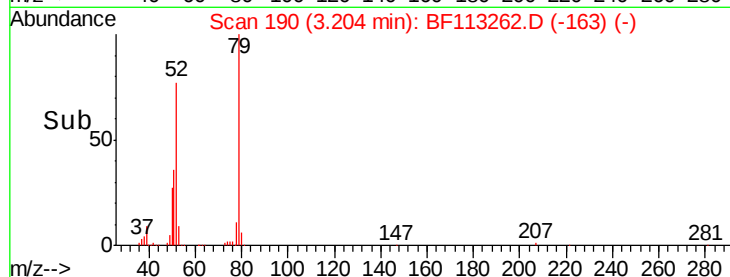
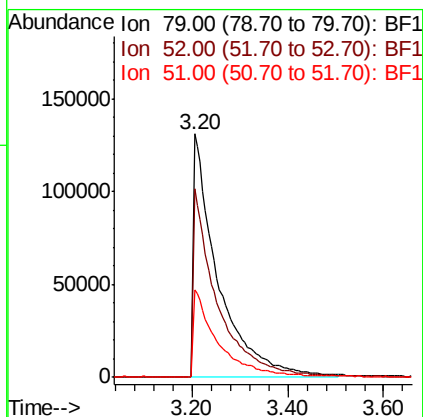
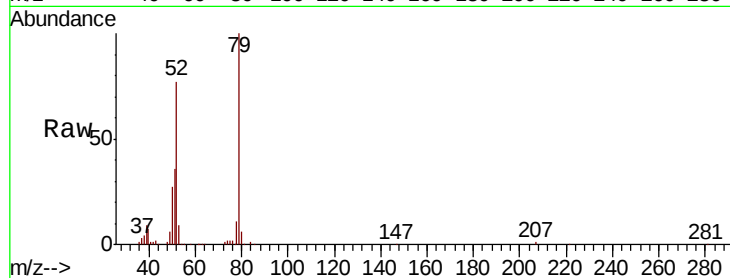
Tgt Ion: 79 Resp: 467569

Ion Ratio Lower Upper

79 100

52 77.2 60.5 90.7

51 36.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 30.595 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.05 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

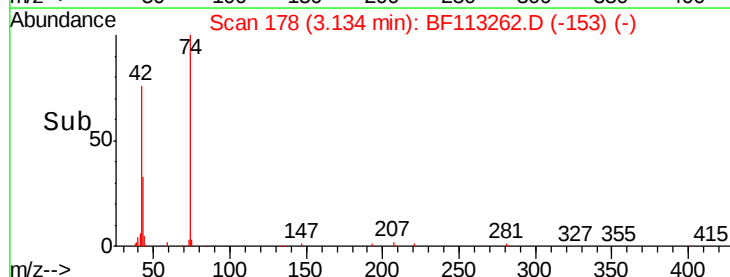
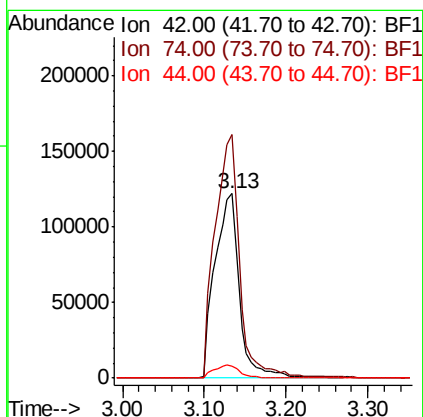
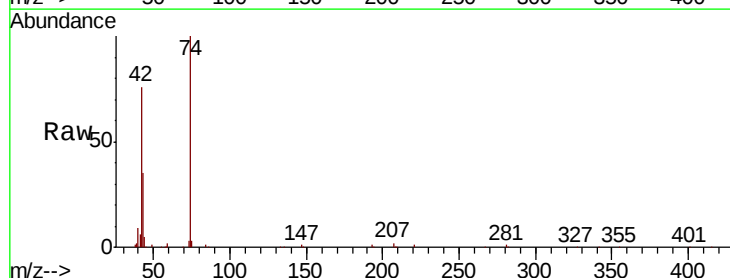
Tgt Ion: 42 Resp: 255325

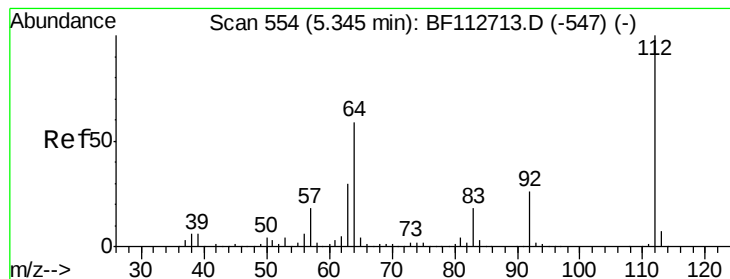
Ion Ratio Lower Upper

42 100

74 131.8 105.8 158.8

44 6.2 6.2 9.2





#5

2-Fluorophenol

Concen: 101.593 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

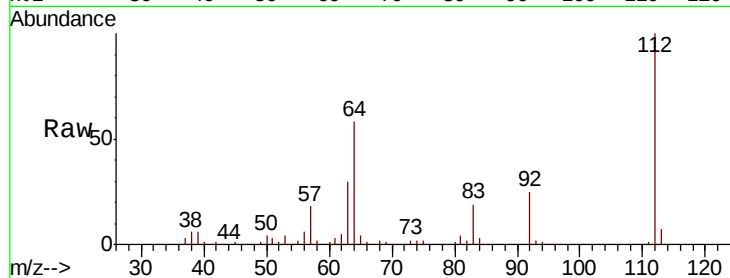
Tgt Ion: 112 Resp: 1445213

Ion Ratio Lower Upper

112 100

64 58.4 47.6 71.4

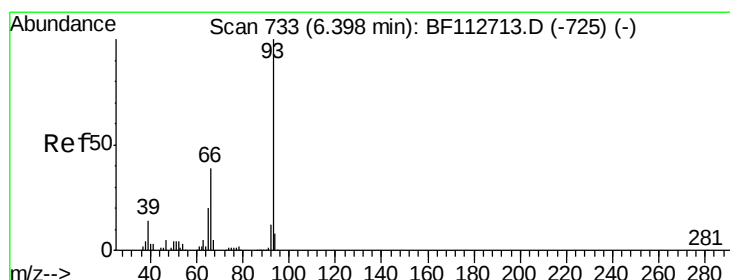
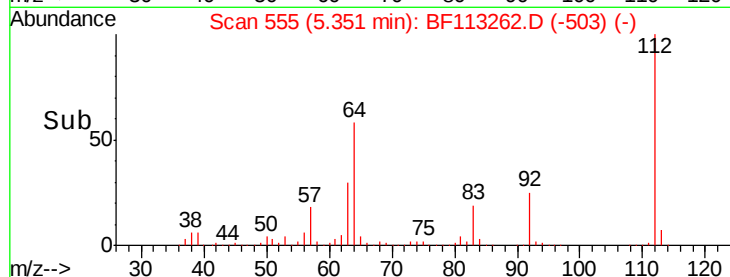
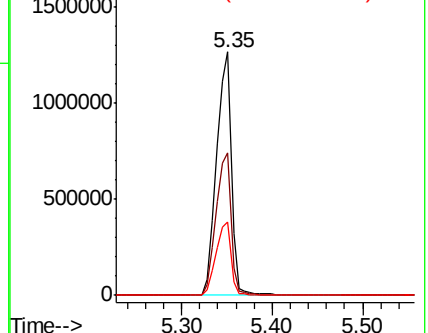
63 30.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.598 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

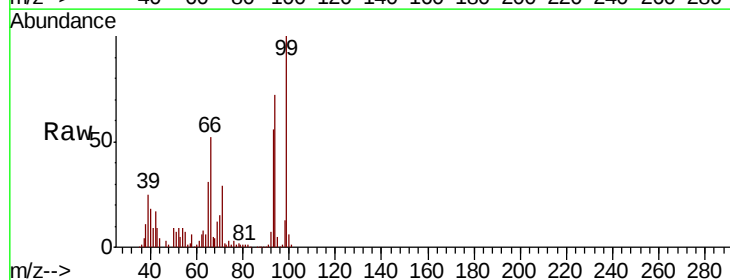
Tgt Ion: 93 Resp: 531263

Ion Ratio Lower Upper

93 100

66 92.5 32.2 48.2#

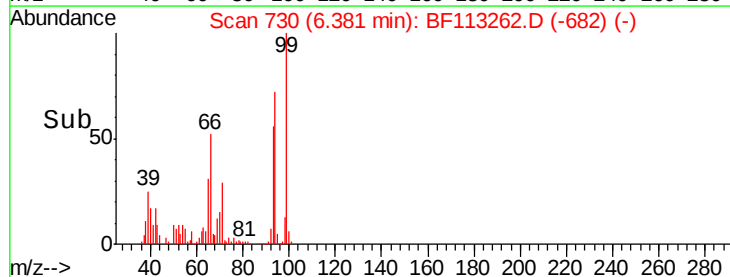
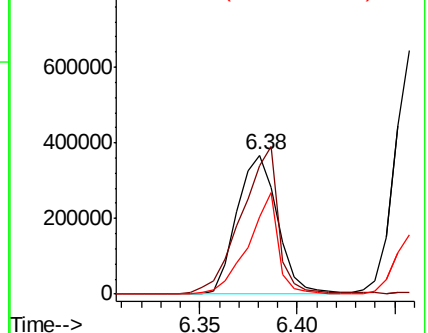
65 55.6 16.2 24.4#

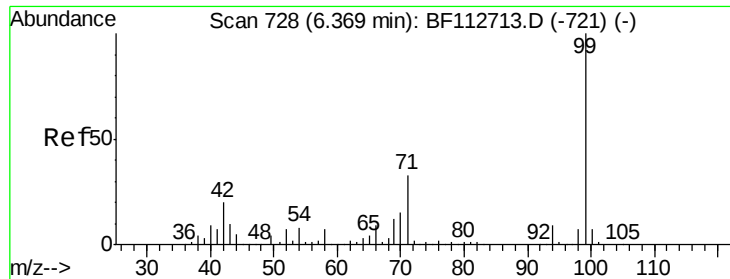


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.065 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

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ClientSampleId :

PB118222BS

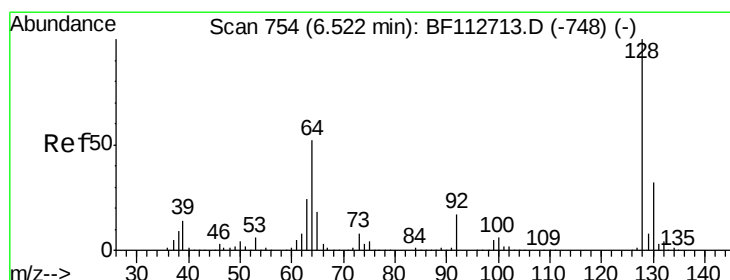
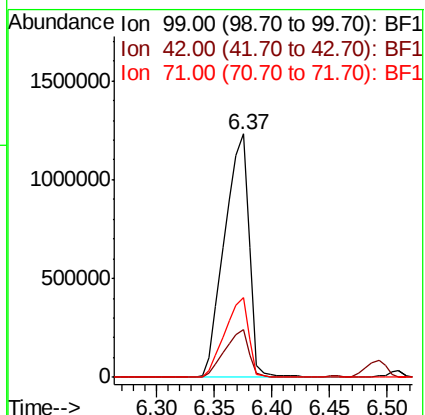
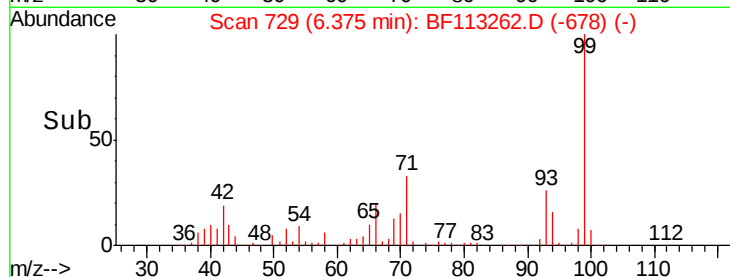
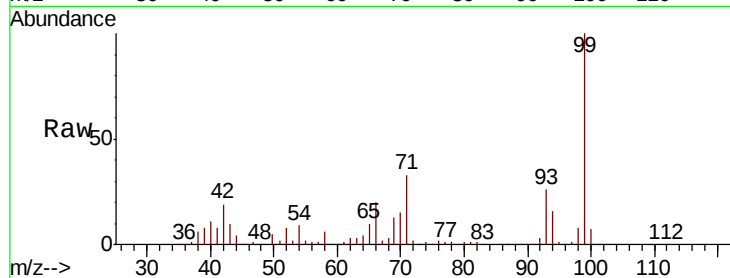
Tgt Ion: 99 Resp: 1823856

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

71 32.8 26.2 39.4



#8

2-Chlorophenol

Concen: 34.917 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

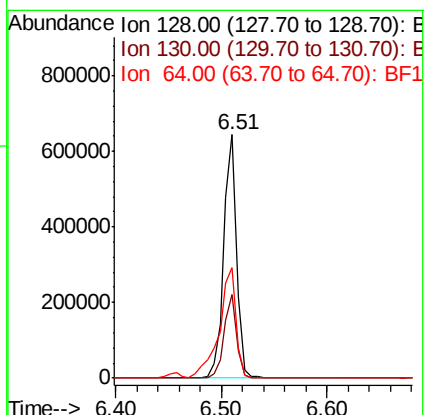
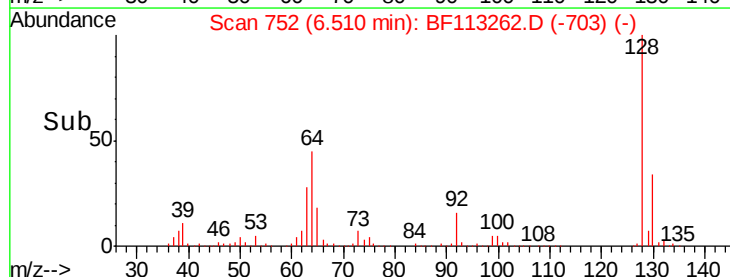
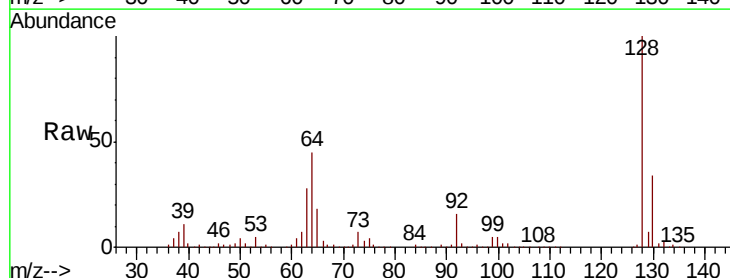
Tgt Ion: 128 Resp: 552927

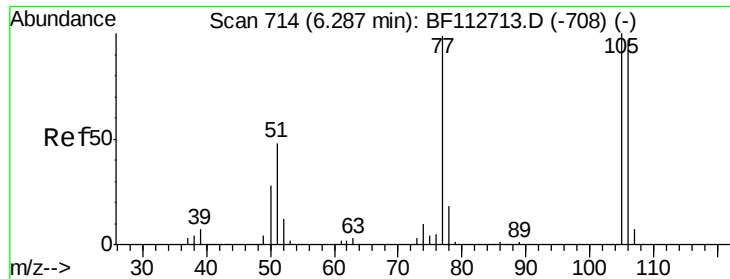
Ion Ratio Lower Upper

128 100

130 34.1 12.4 52.4

64 45.3 32.2 72.2





#9

Benzaldehyde

Concen: 15.440 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

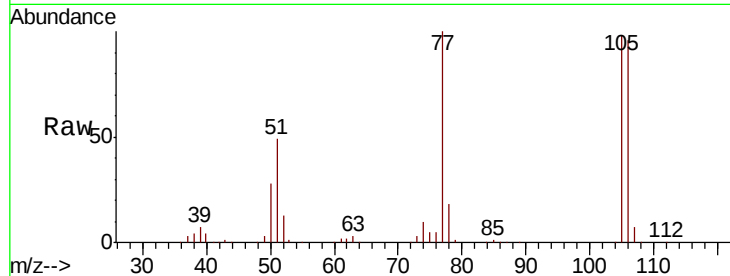
Tgt Ion: 77 Resp: 198801

Ion Ratio Lower Upper

77 100

105 97.5 81.4 121.4

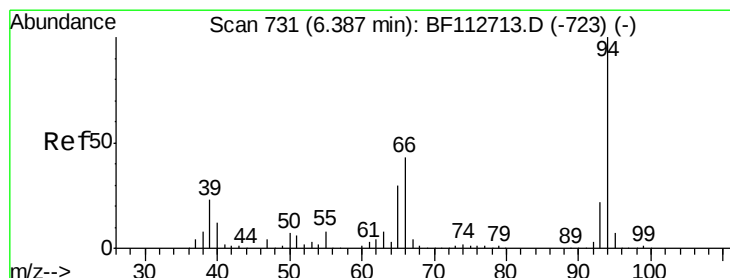
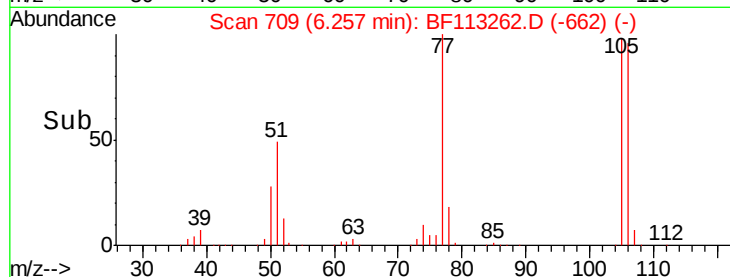
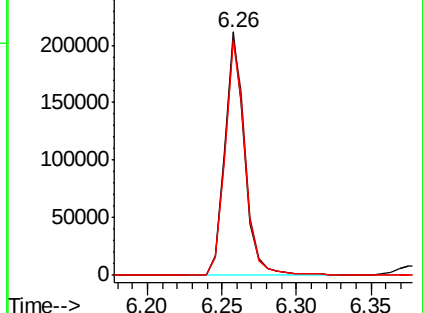
106 96.4 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.891 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

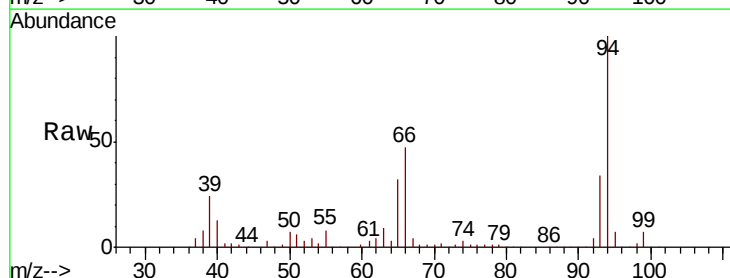
Tgt Ion: 94 Resp: 665018

Ion Ratio Lower Upper

94 100

65 32.3 10.5 50.5

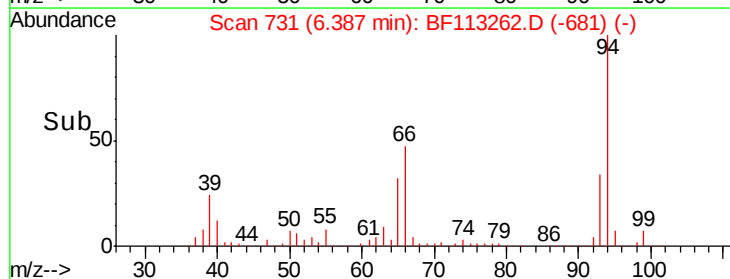
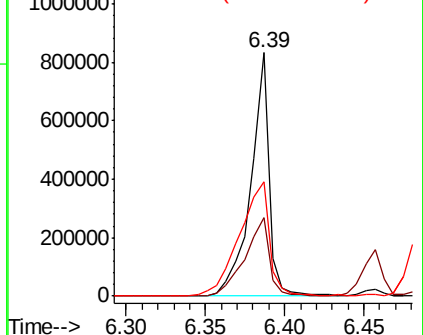
66 46.9 22.6 62.6



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

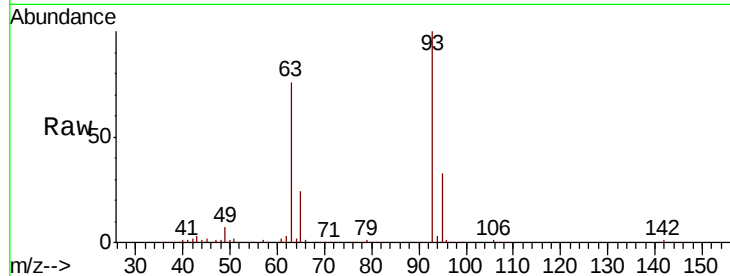




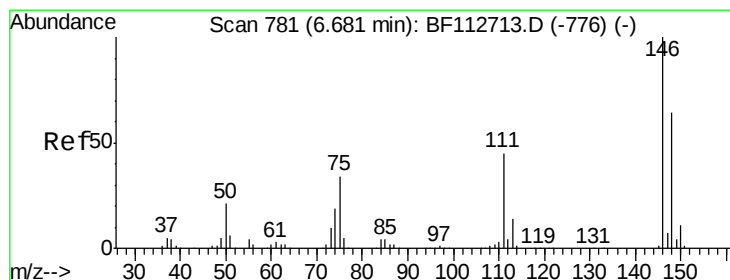
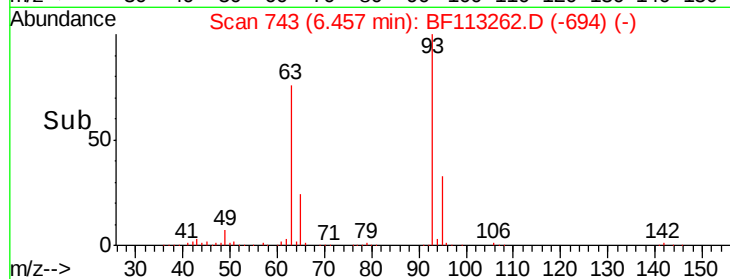
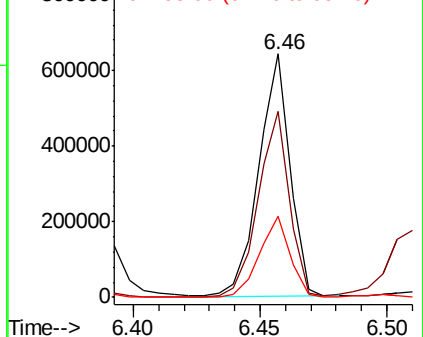
#11
 bis(2-Chloroethyl)ether
 Concen: 34.191 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion: 93 Resp: 547239
 Ion Ratio Lower Upper
 93 100
 63 76.4 60.5 100.5
 95 33.3 12.1 52.1

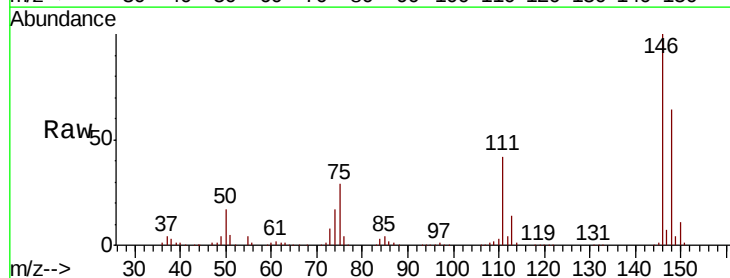


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

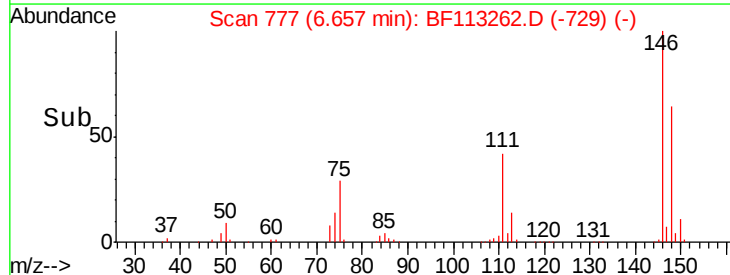
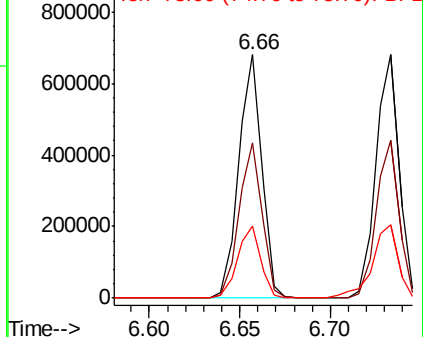


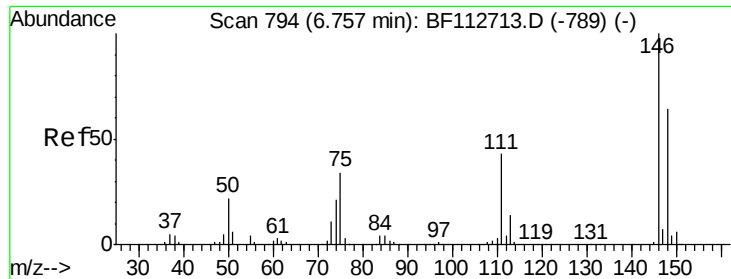
#12
 1,3-Dichlorobenzene
 Concen: 36.764 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion: 146 Resp: 601404
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.9 76.3
 75 29.4 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

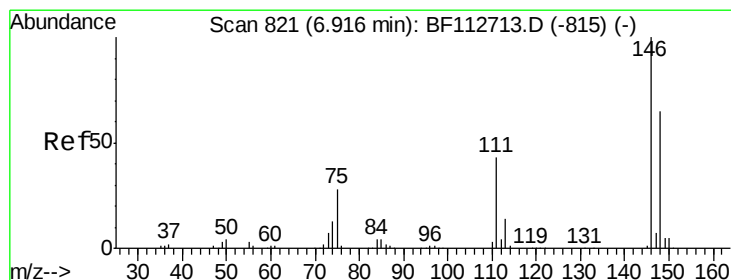
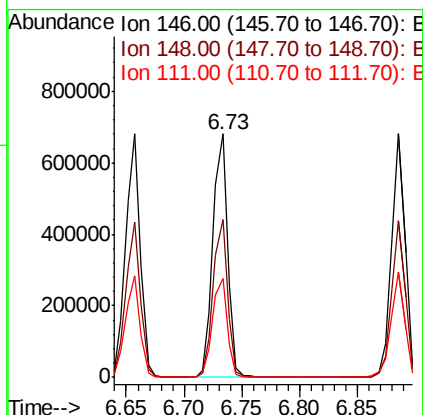
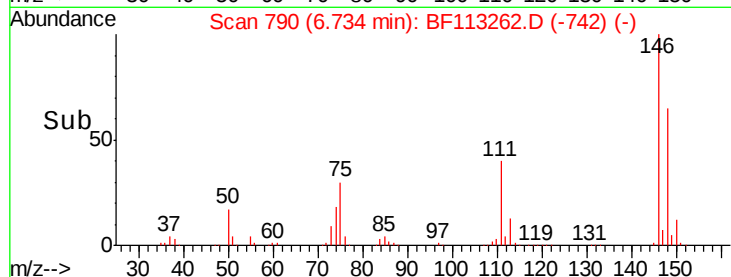
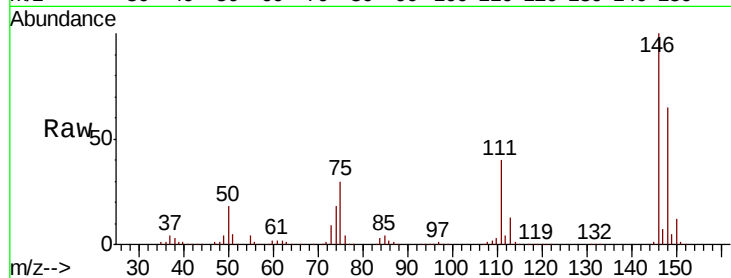




#13
 1,4-Dichlorobenzene
 Concen: 37.095 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

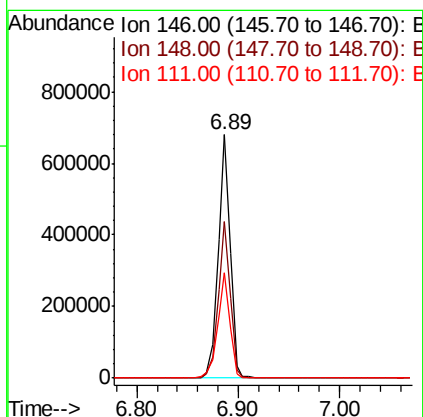
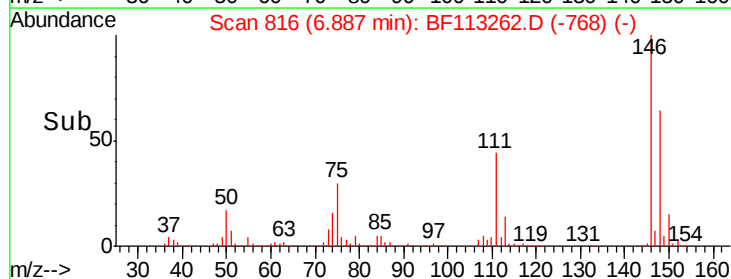
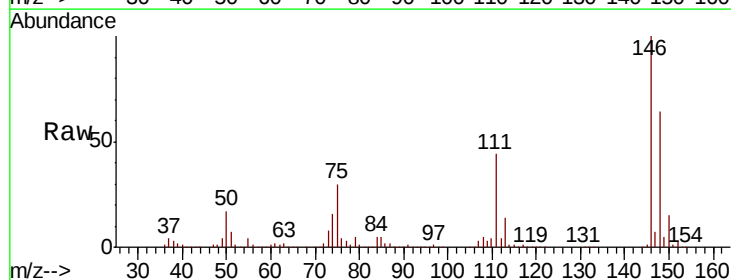
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

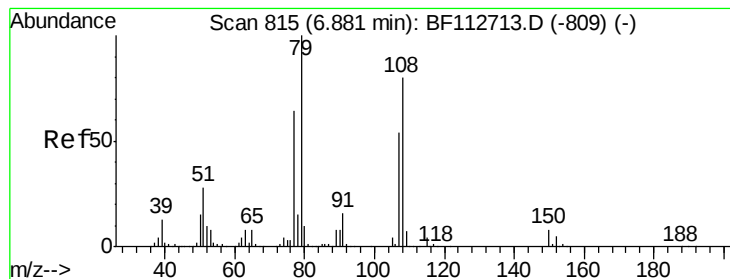
Tgt Ion:146 Resp: 608544
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 111 40.4 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 37.070 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:146 Resp: 557497
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 43.5 34.8 52.2





#15

Benzyl Alcohol

Concen: 34.071 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

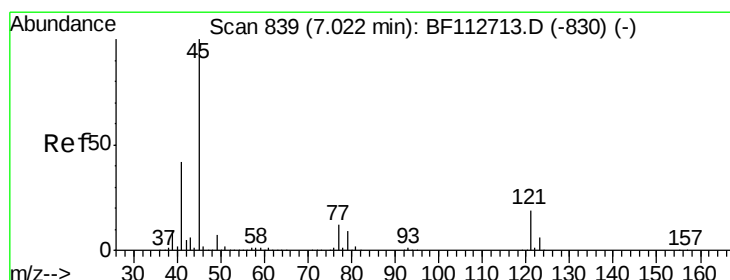
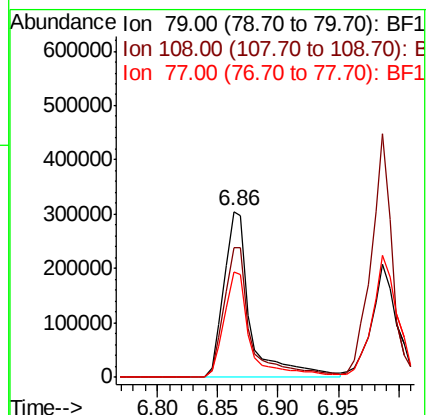
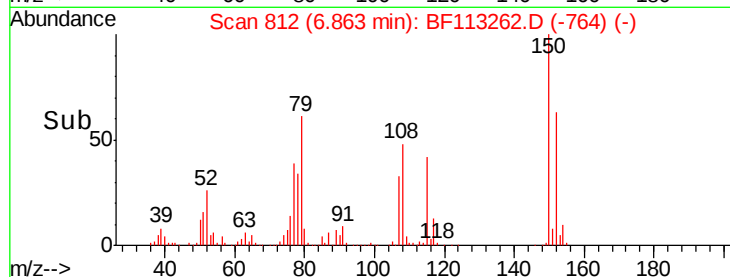
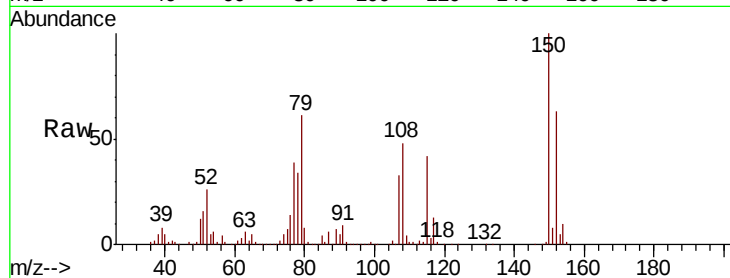
Tgt Ion: 79 Resp: 464261

Ion Ratio Lower Upper

79 100

108 78.1 64.2 96.4

77 63.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.576 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

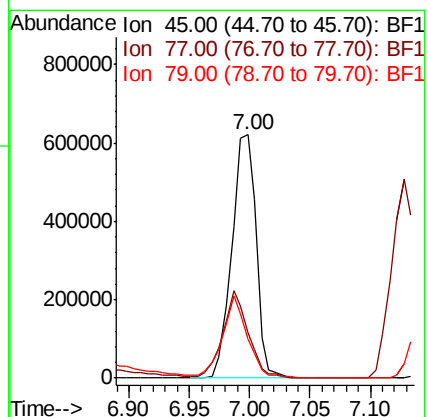
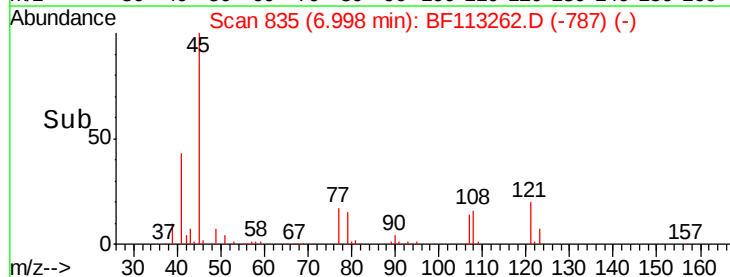
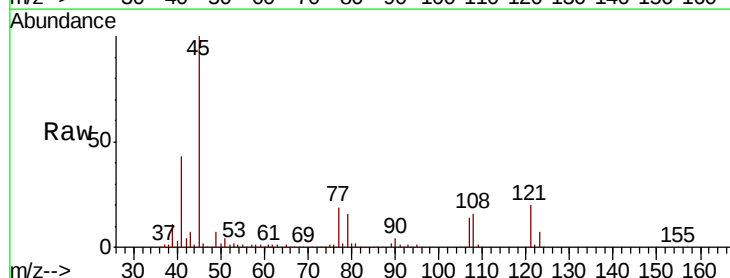
Tgt Ion: 45 Resp: 870114

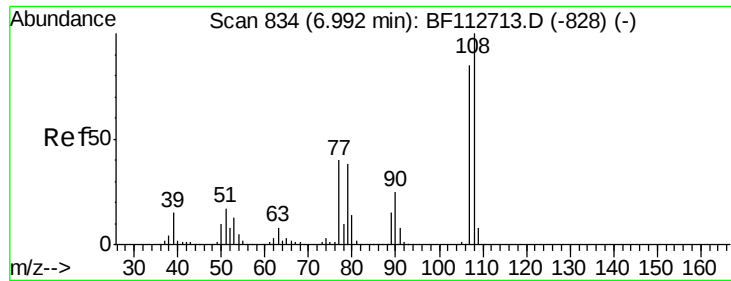
Ion Ratio Lower Upper

45 100

77 18.6 0.0 32.1

79 15.9 0.0 29.4

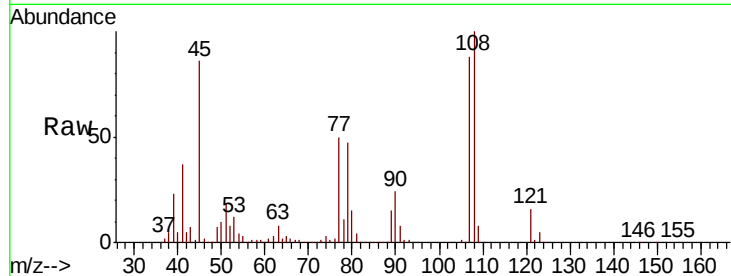




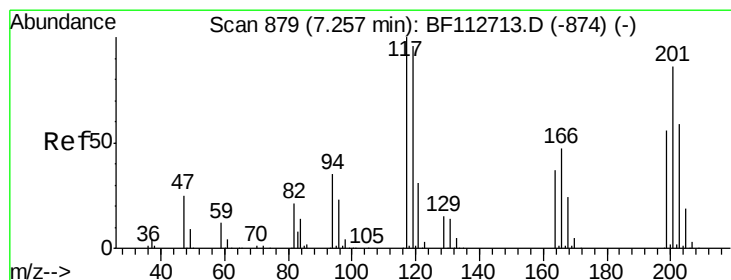
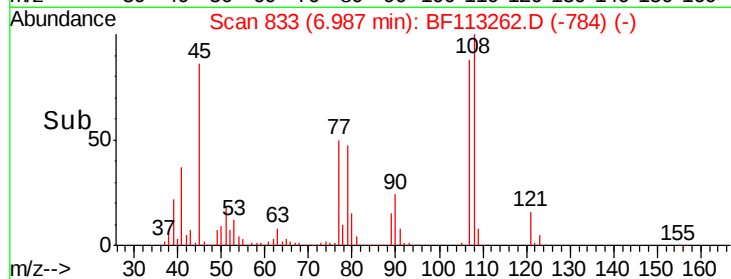
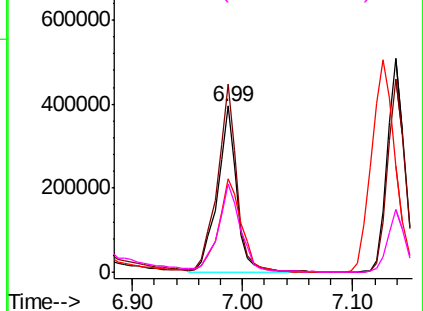
#17
2-Methylphenol
Concen: 36.968 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:	107	Resp:	474916
Ion	Ratio	Lower	Upper
107	100		
108	113.5	94.6	142.0
77	56.7	37.8	56.8
79	53.0	36.2	54.2

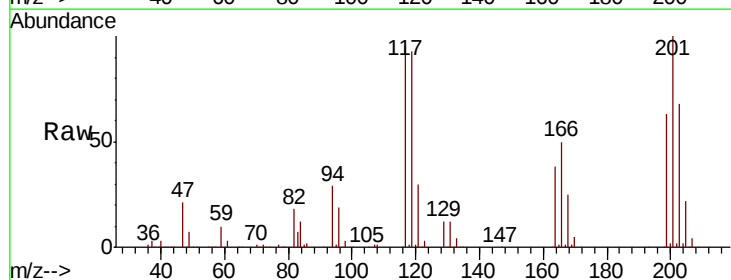


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

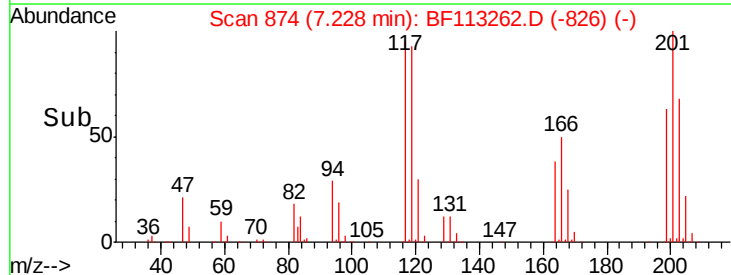
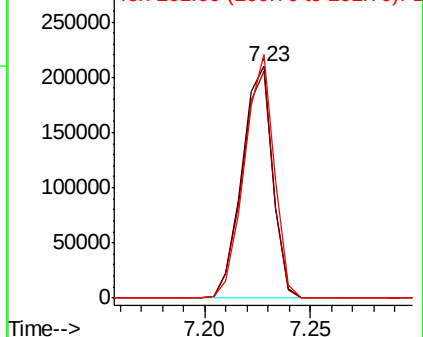


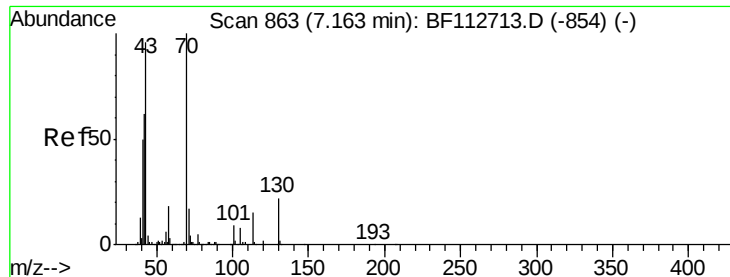
#18
Hexachloroethane
Concen: 33.658 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:	117	Resp:	211509
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.6	115.0
201	105.2	68.9	103.3#



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

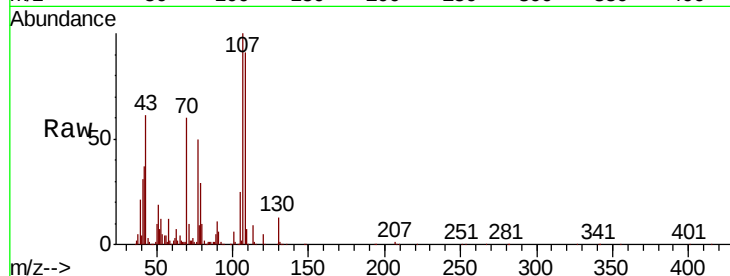




#19
n-Nitroso-di-n-propylamine
Concen: 34.065 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:	70	Resp:	385525
Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.9	74.9
101	9.5	7.4	11.2
130	22.1	17.4	26.2



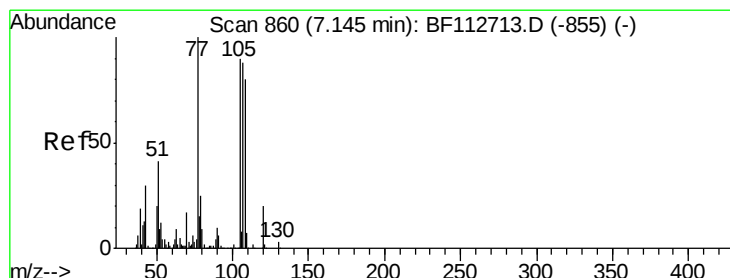
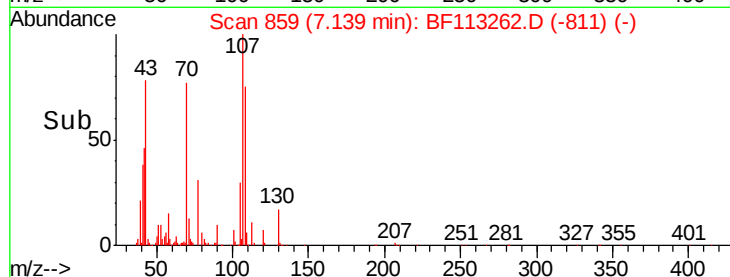
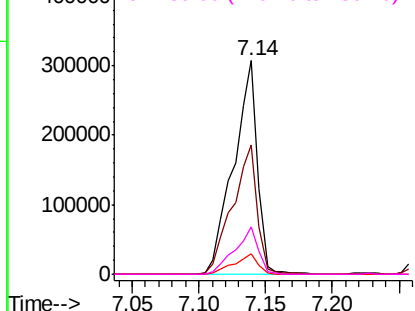
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.566 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:	107	Resp:	559352
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	49.5	94.1	134.1#
79	29.2	8.6	48.6

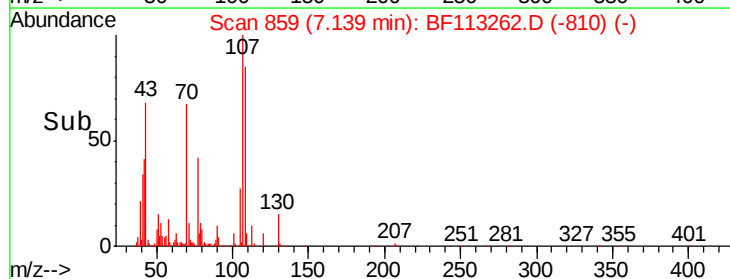
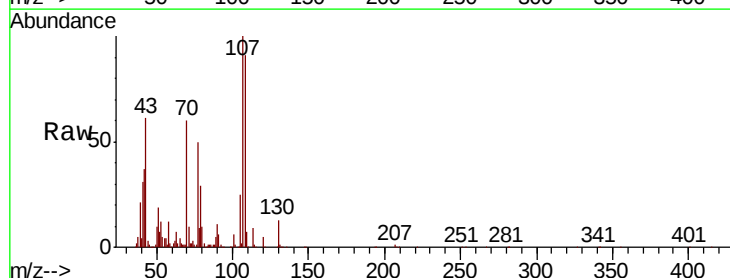
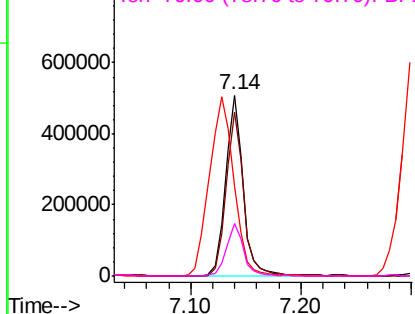
Abundance

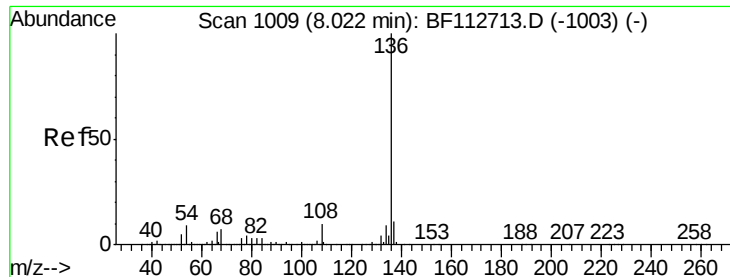
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

Tgt Ion:136 Resp: 798500

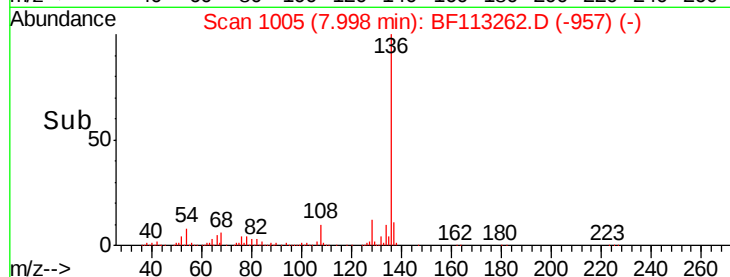
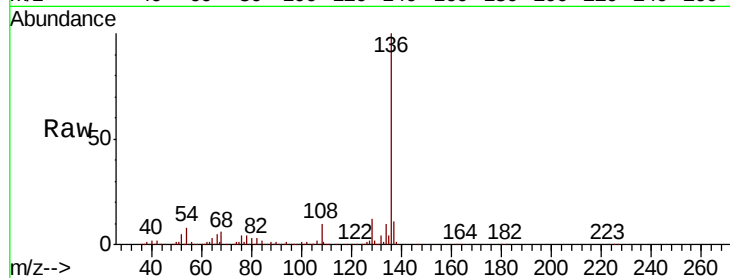
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 7.3 10.9

68 6.1 5.4 8.2

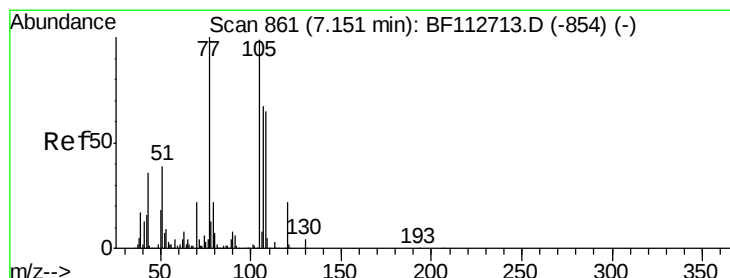
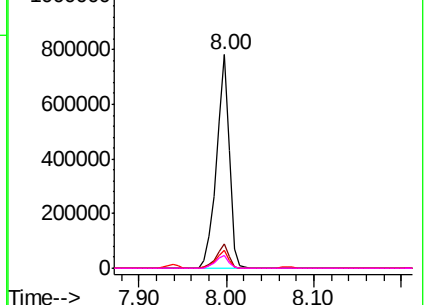


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.616 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Tgt Ion:105 Resp: 777016

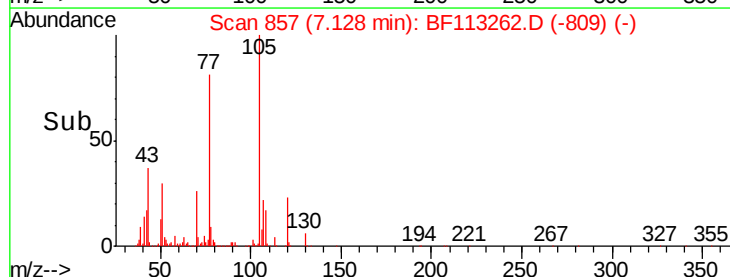
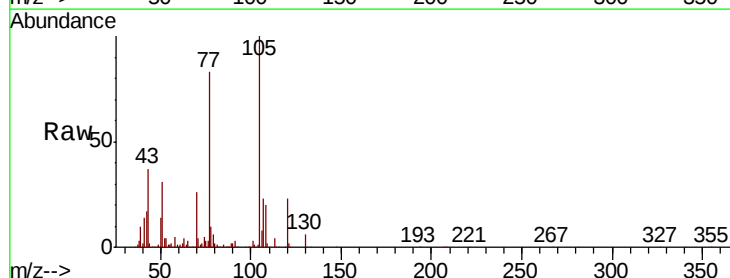
Ion Ratio Lower Upper

105 100

71 4.4 3.0 4.4

51 30.6 31.5 47.3#

120 22.8 18.1 27.1

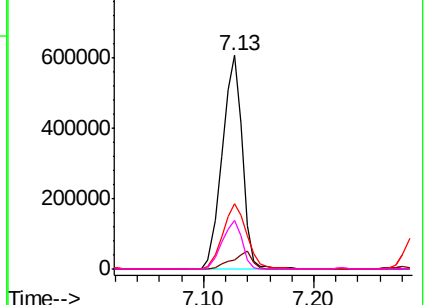


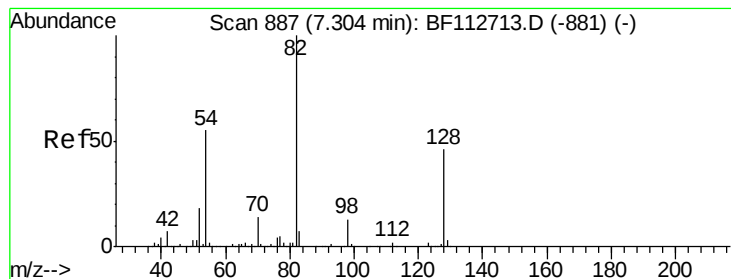
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.639 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

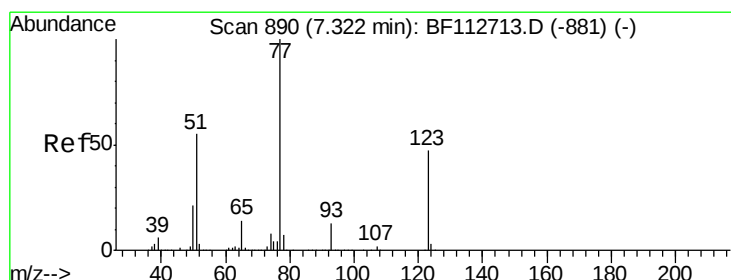
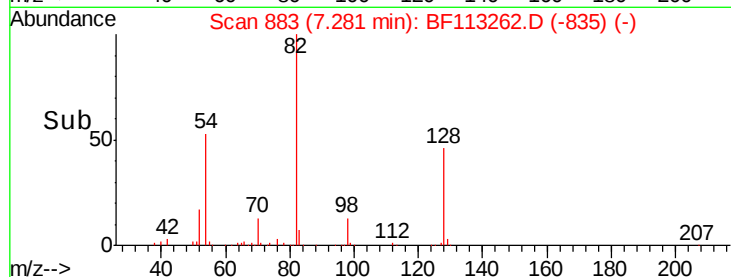
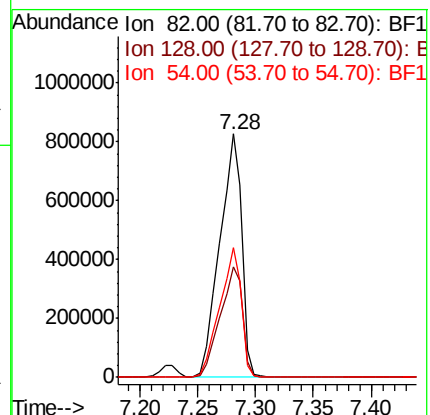
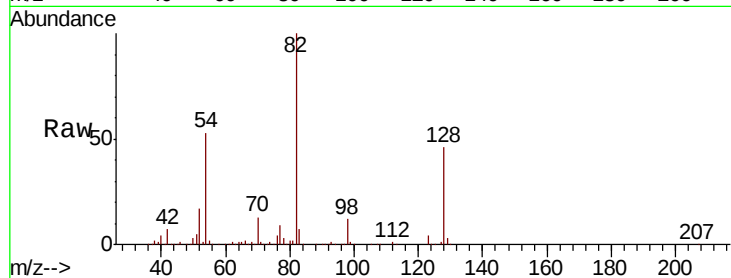
Tgt Ion: 82 Resp: 1089423

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

54 53.3 43.7 65.5



#24

Nitrobenzene

Concen: 39.123 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

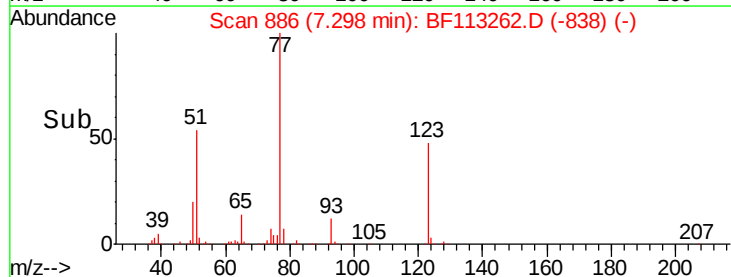
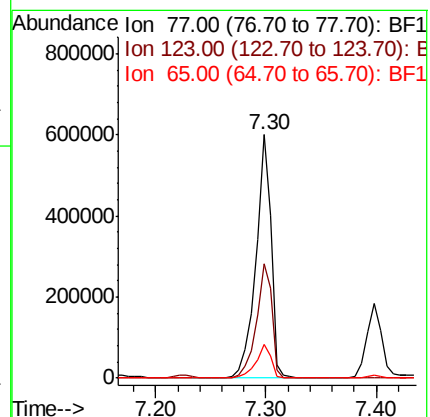
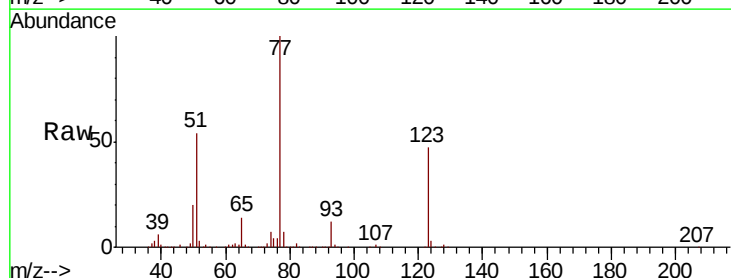
Tgt Ion: 77 Resp: 581066

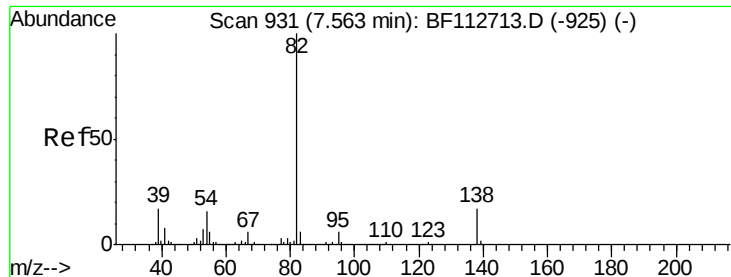
Ion Ratio Lower Upper

77 100

123 47.1 37.8 56.6

65 13.7 11.1 16.7

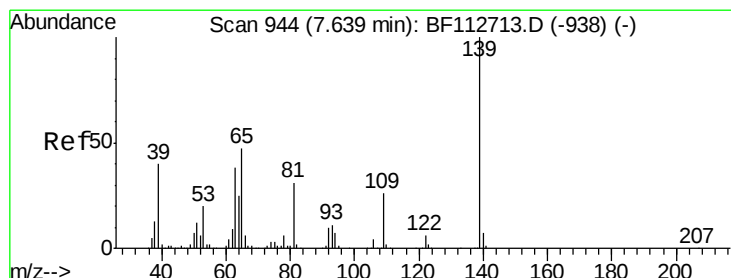
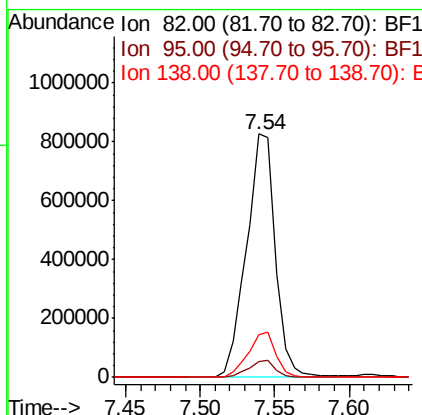
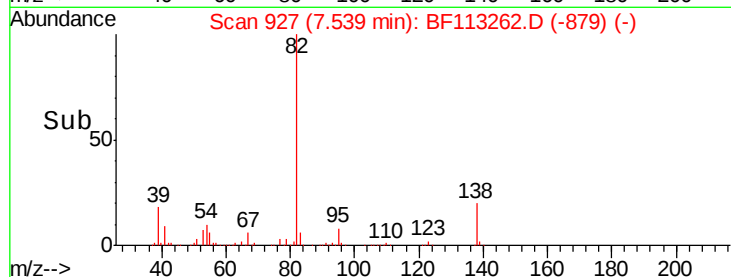
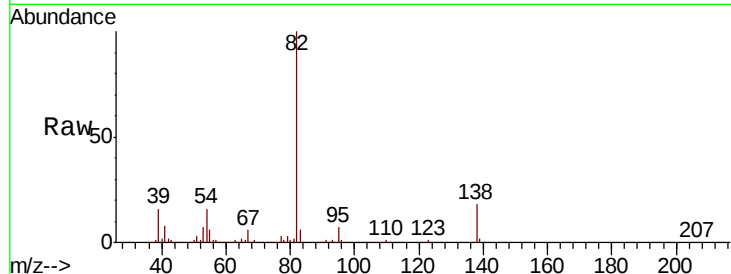




#25
Isophorone
Concen: 38.526 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

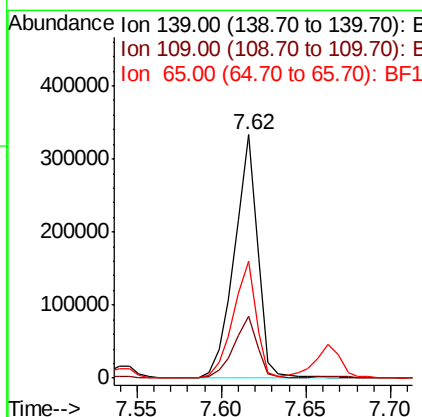
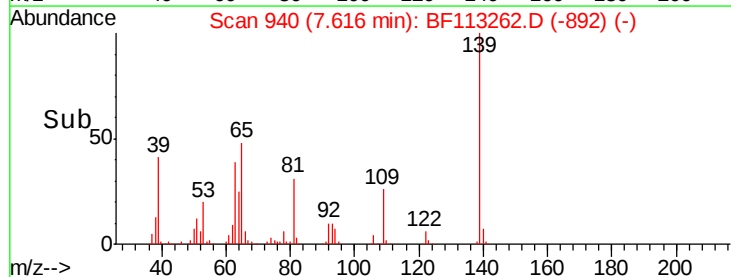
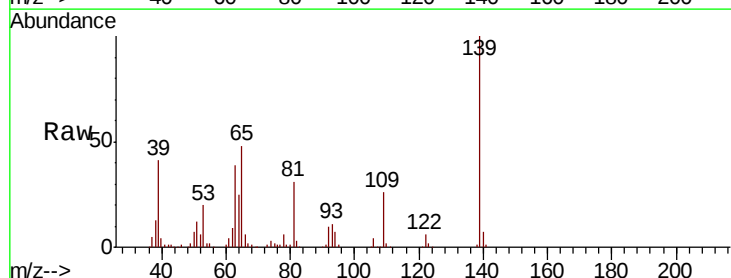
Instrument :
BNA_F
ClientSampleId :
PB118222BS

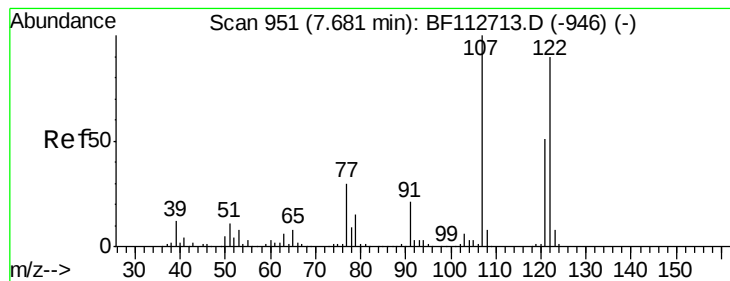
Tgt Ion: 82 Resp: 1107561
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 51.701 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion: 139 Resp: 319650
Ion Ratio Lower Upper
139 100
109 25.6 20.6 31.0
65 47.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.072 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

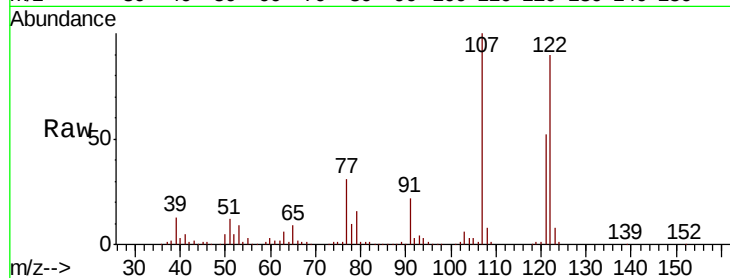
Tgt Ion:122 Resp: 518430

Ion Ratio Lower Upper

122 100

107 111.2 89.4 134.0

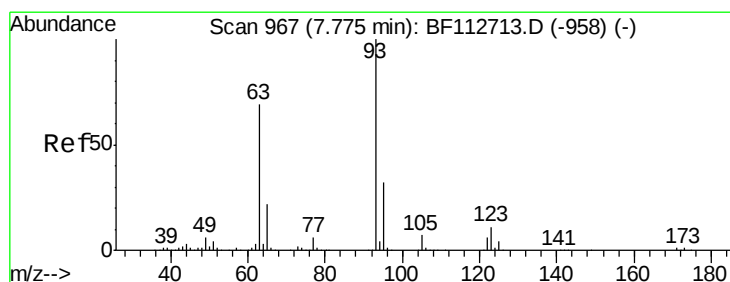
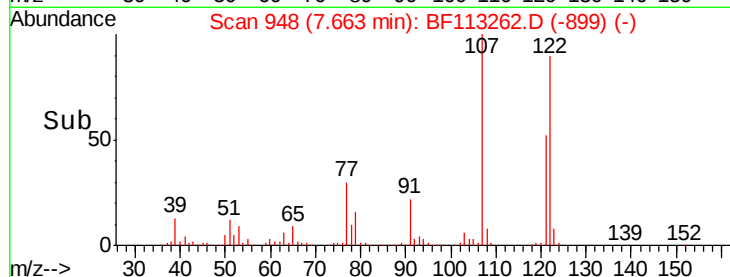
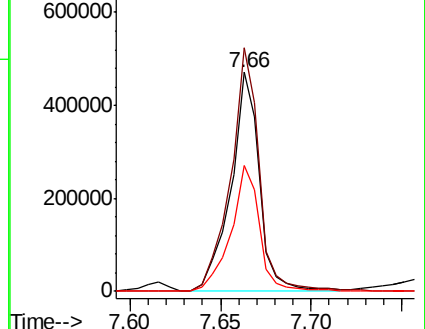
121 57.4 45.5 68.3



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: 38.715 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

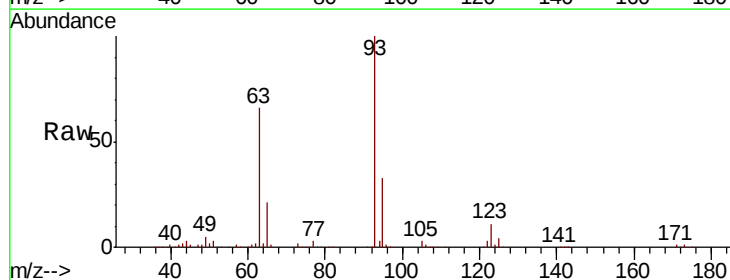
Tgt Ion: 93 Resp: 695853

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

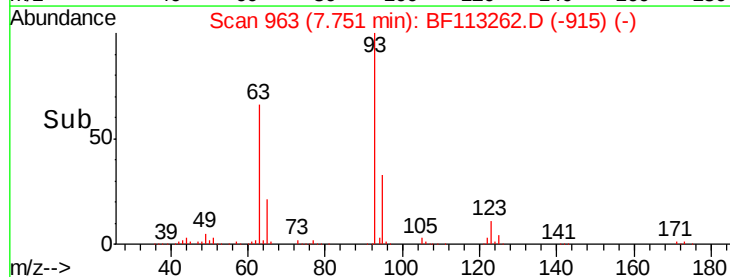
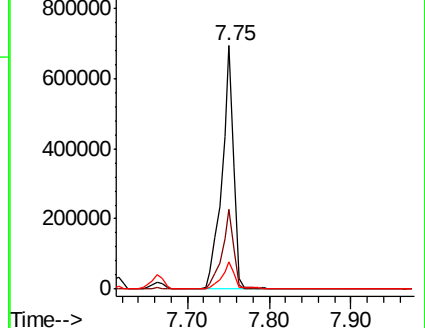
123 11.5 9.3 13.9

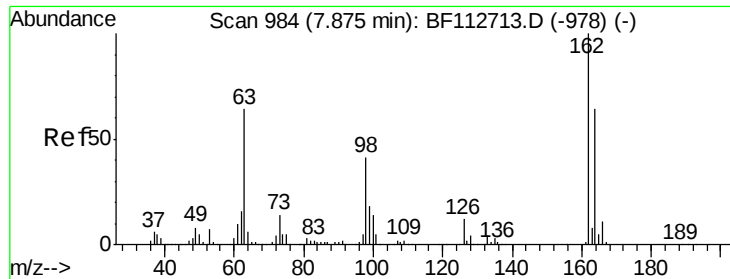


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

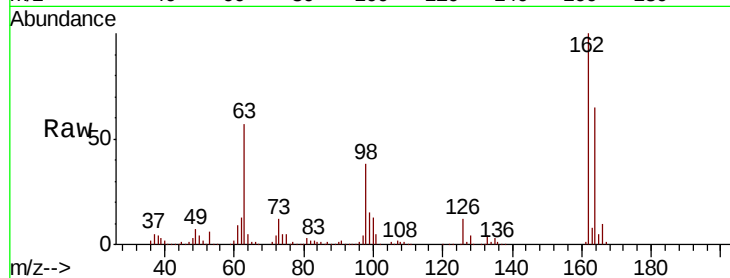




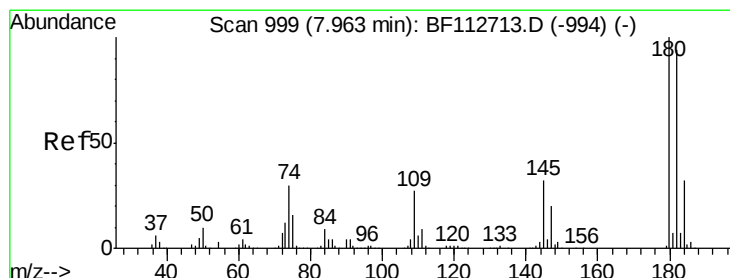
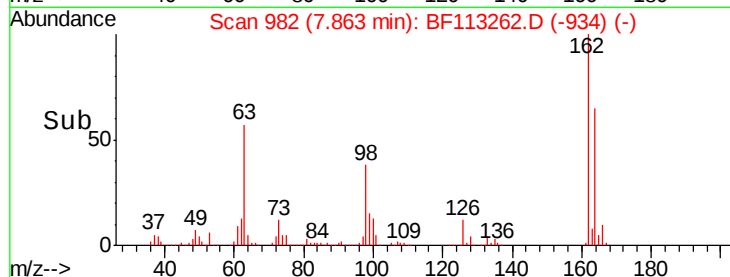
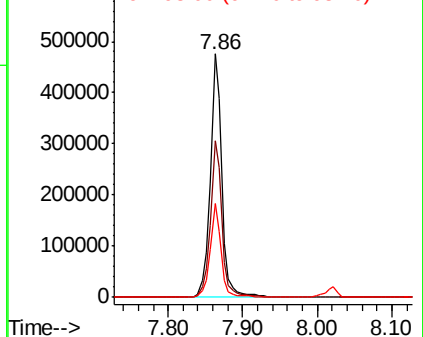
#29
2,4-Dichlorophenol
Concen: 45.344 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:162 Resp: 505785
Ion Ratio Lower Upper
162 100
164 64.5 44.0 84.0
98 38.4 20.7 60.7

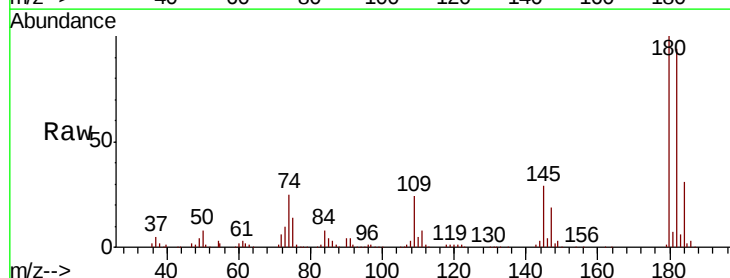


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

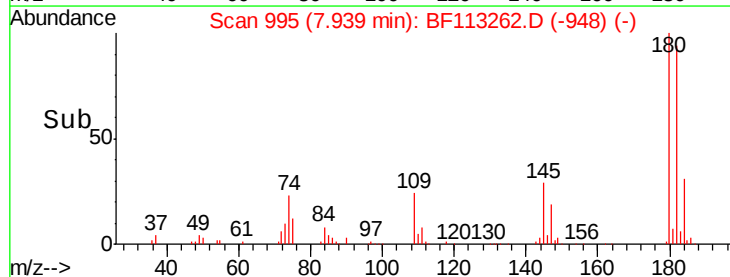
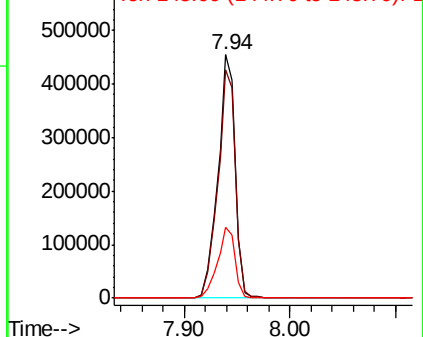


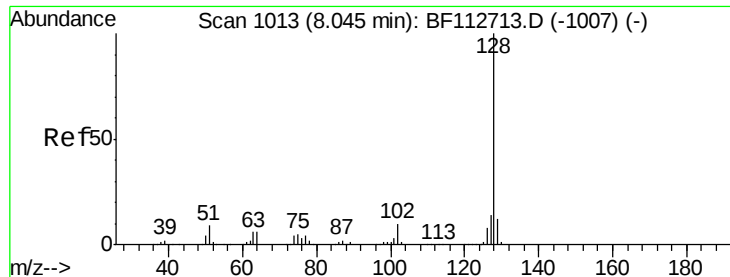
#30
1,2,4-Trichlorobenzene
Concen: 43.705 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:180 Resp: 523819
Ion Ratio Lower Upper
180 100
182 93.8 75.2 112.8
145 29.2 25.4 38.0



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

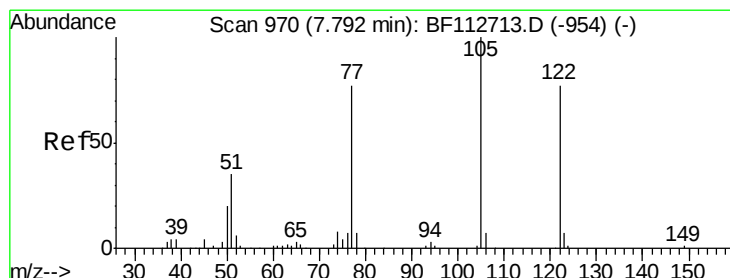
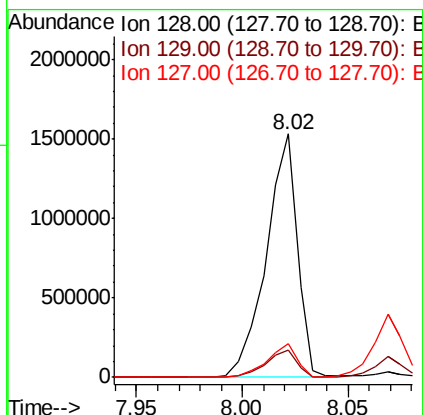
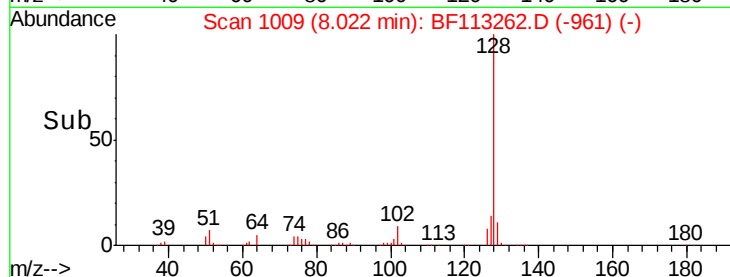
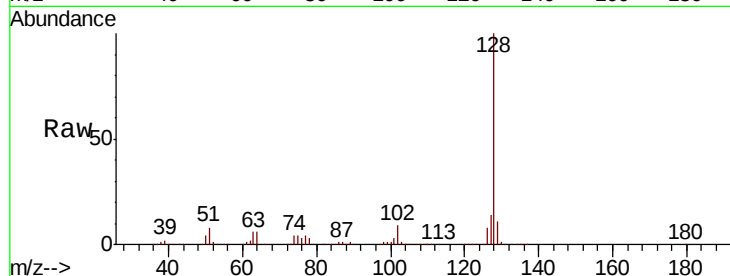




#31
Naphthalene
Concen: 39.516 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

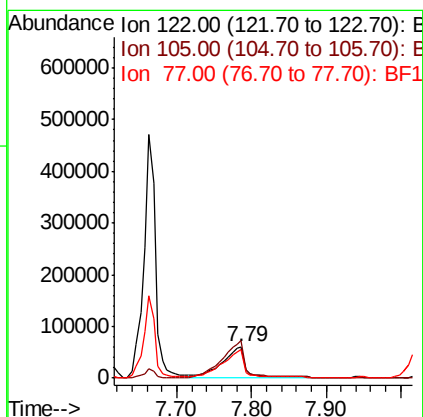
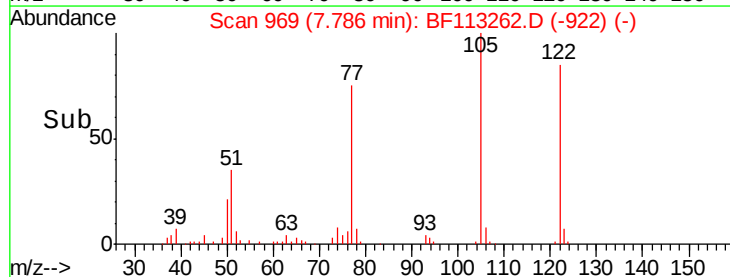
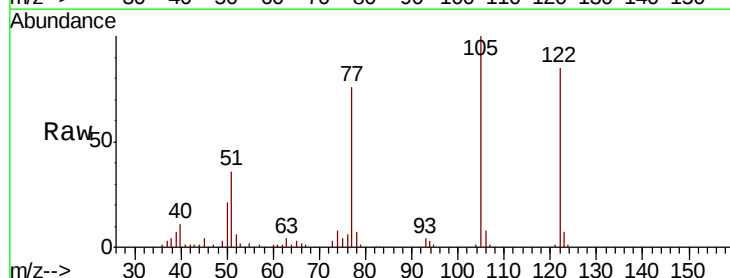
Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:128 Resp: 1566542
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 16.790 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:122 Resp: 135359
Ion Ratio Lower Upper
122 100
105 117.7 106.8 146.8
77 89.0 79.4 119.4

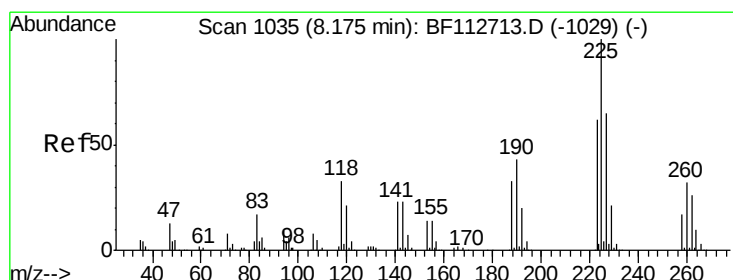
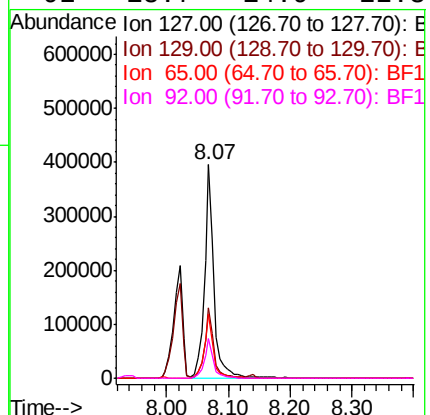
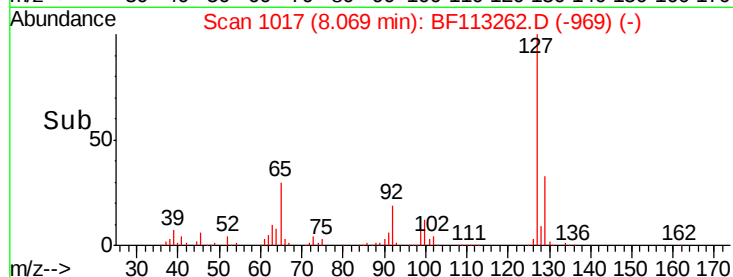
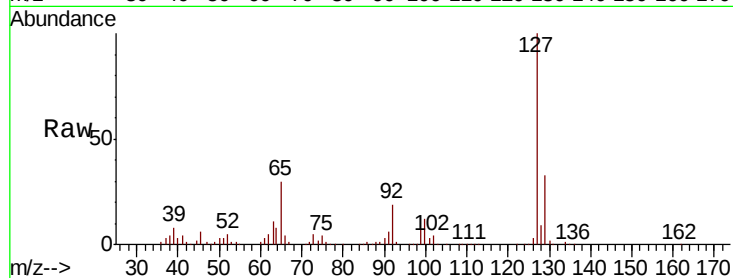




#33
4-Chloroaniline
Concen: 25.554 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

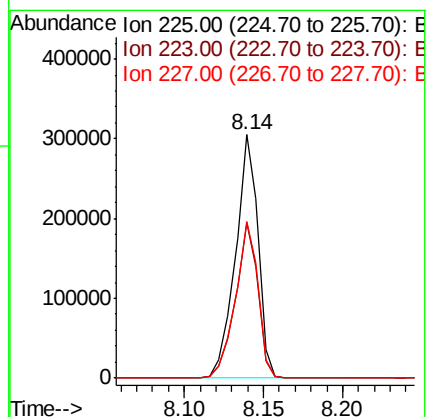
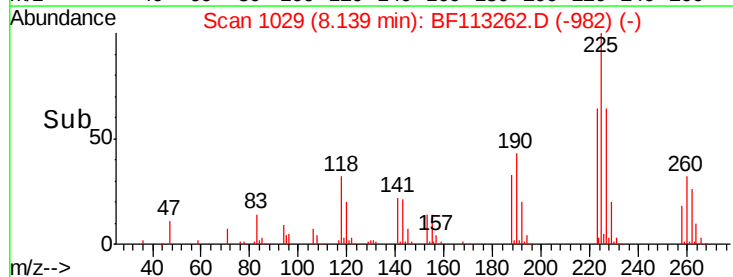
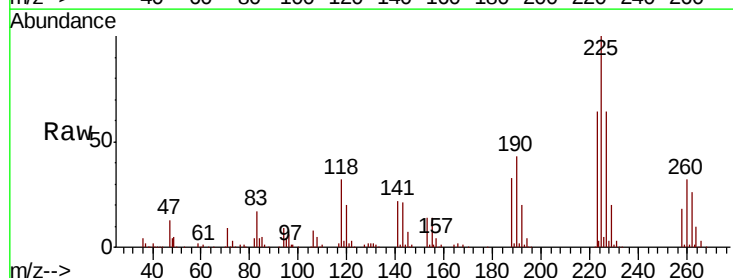
Instrument :
BNA_F
ClientSampleId :
PB118222BS

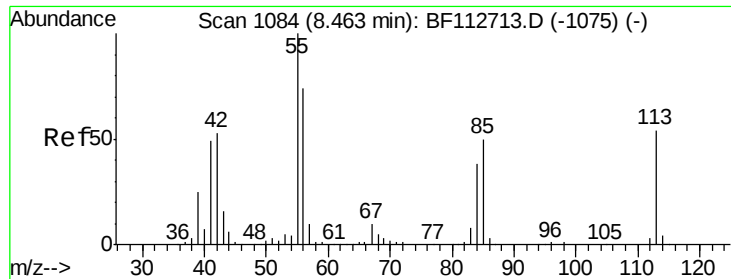
Tgt Ion:	127	Resp:	429086
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.4	39.6
65	30.1	23.1	34.7
92	18.7	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.454 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:	225	Resp:	300478
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	64.1	52.1	78.1

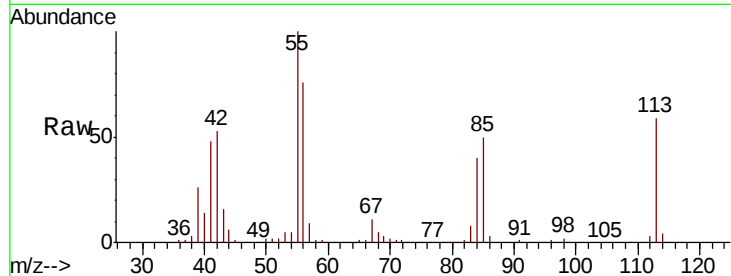




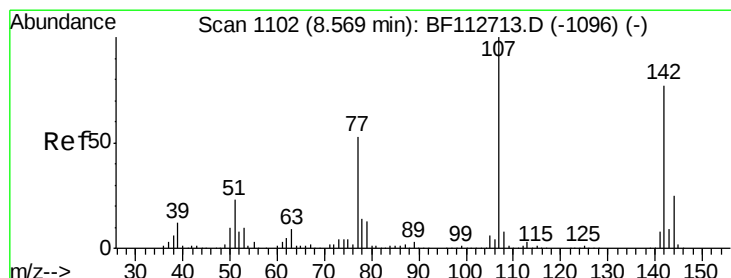
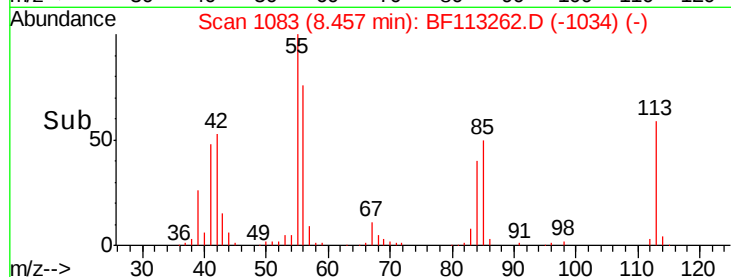
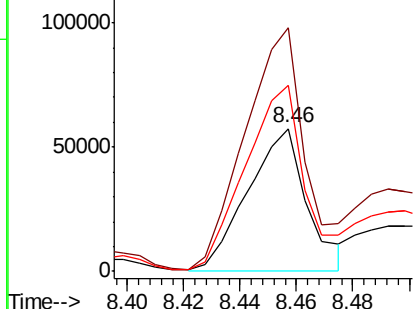
#35
 Caprolactam
 Concen: 21.206 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:113 Resp: 83309
 Ion Ratio Lower Upper
 113 100
 55 170.2 163.5 203.5
 56 129.8 115.3 155.3

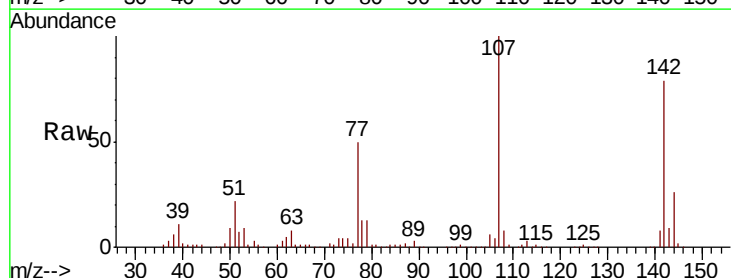


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

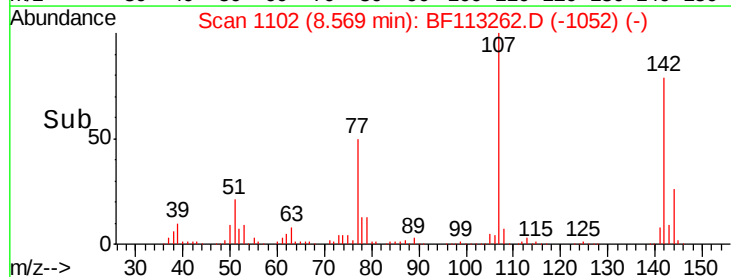
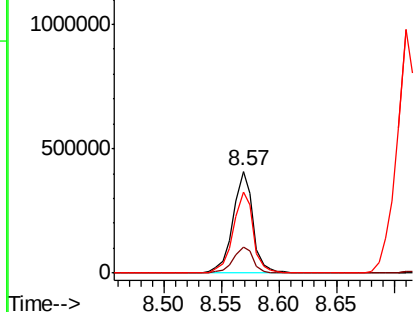


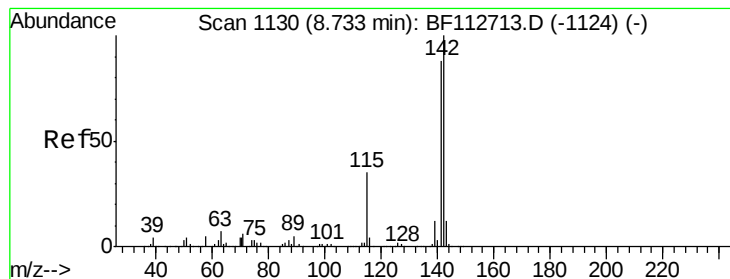
#36
 4-Chloro-3-methylphenol
 Concen: 39.799 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:107 Resp: 491297
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 79.2 61.9 92.9



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: 41.390 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

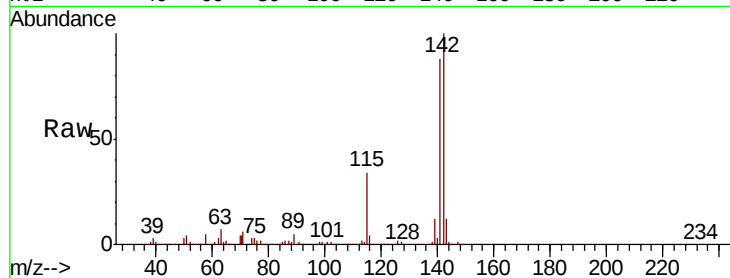
Tgt Ion:142 Resp: 1059641

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

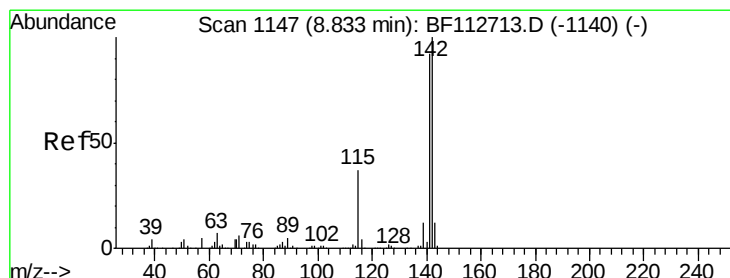
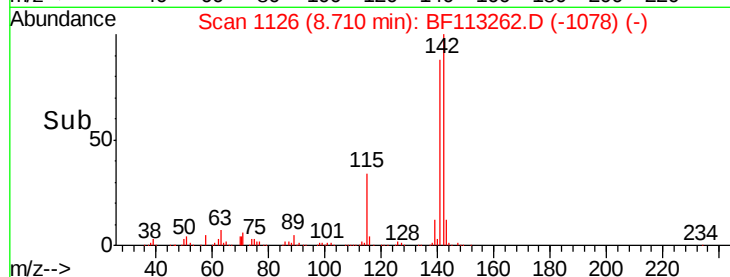
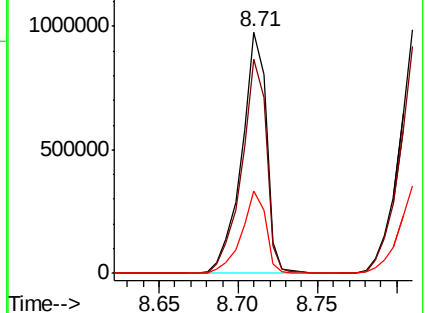
115 34.3 27.8 41.6



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: 40.046 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

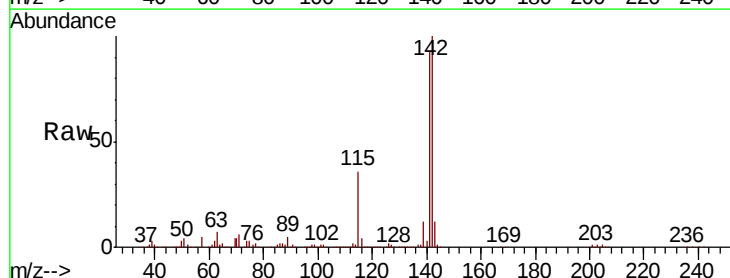
Tgt Ion:142 Resp: 993127

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

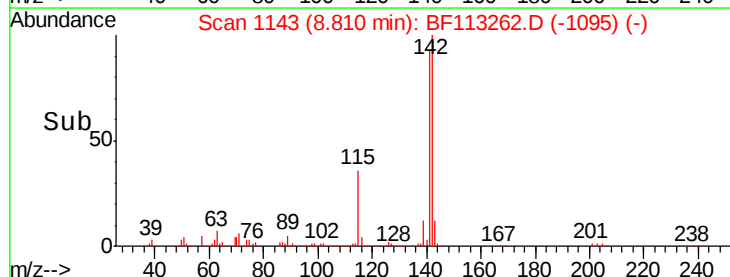
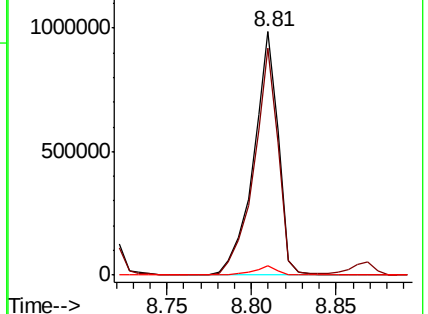
116 3.7 3.1 4.7



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

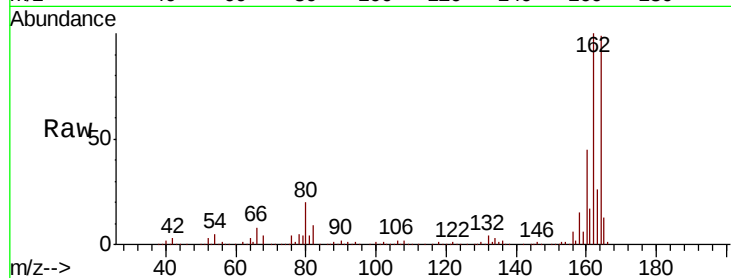




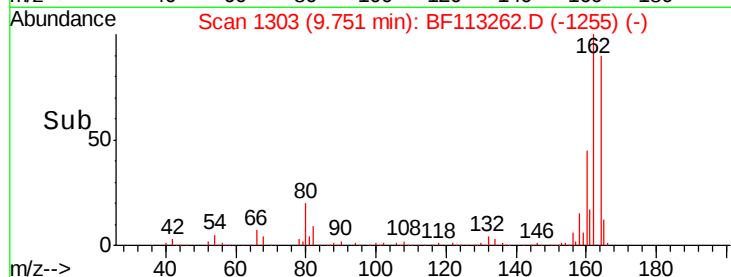
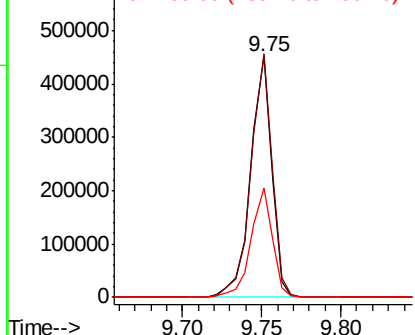
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:164 Resp: 417644
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 120.8
 160 45.2 36.0 54.0

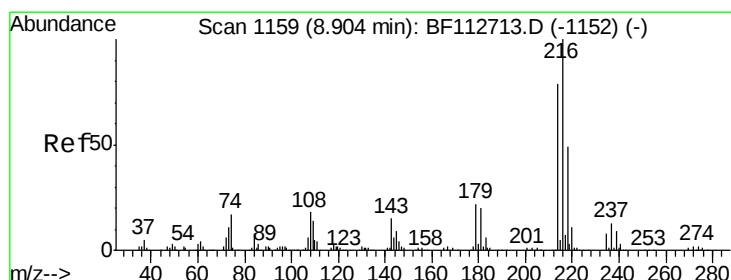


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

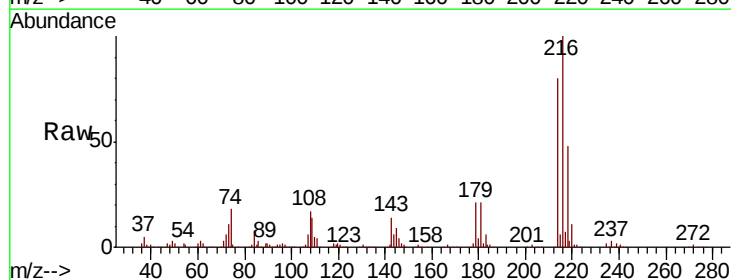
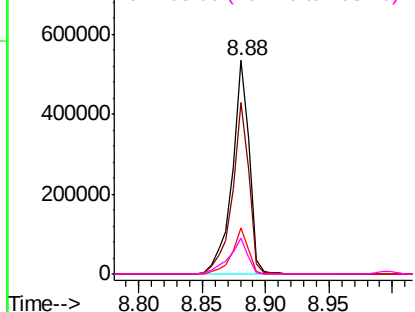


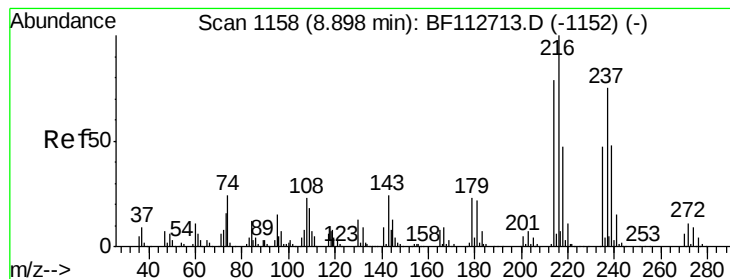
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.236 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:216 Resp: 490037
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.2 94.8
 179 20.4 17.5 26.3
 108 18.7 16.7 25.1



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: 67.343 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

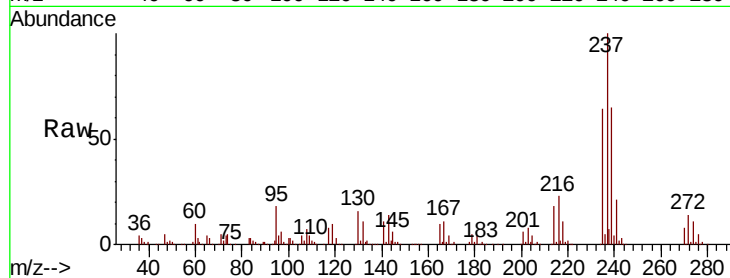
Tgt Ion:237 Resp: 449120

Ion Ratio Lower Upper

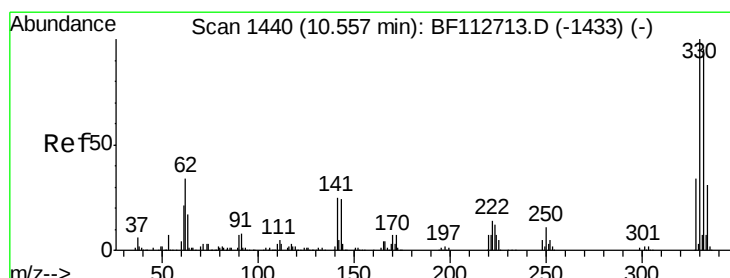
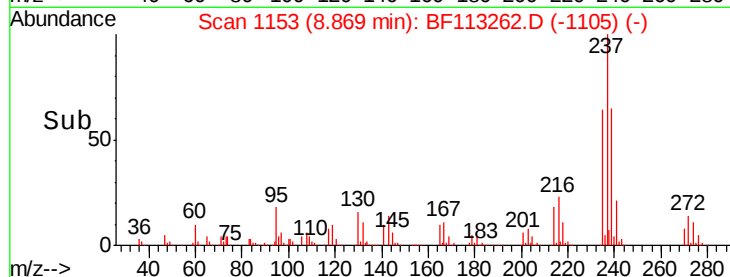
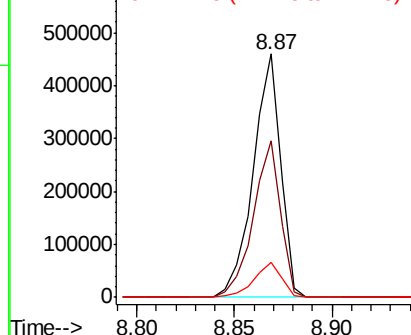
237 100

235 64.5 42.2 82.2

272 14.3 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 122.165 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

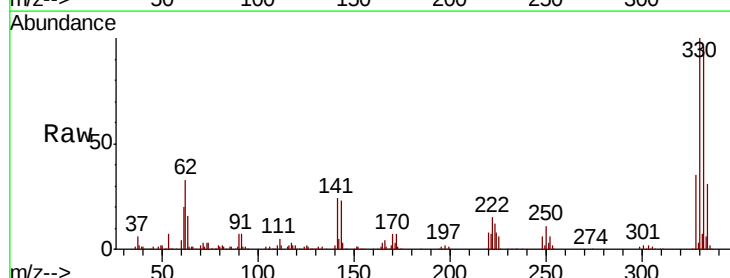
Tgt Ion:330 Resp: 541657

Ion Ratio Lower Upper

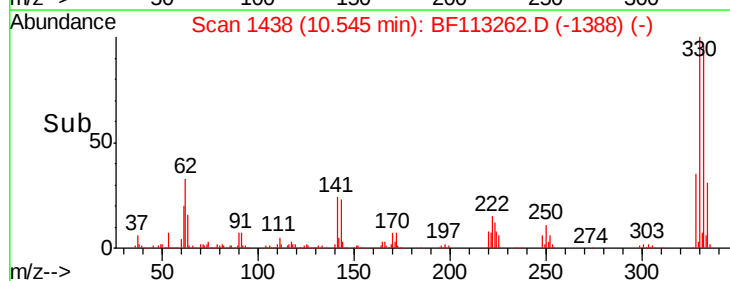
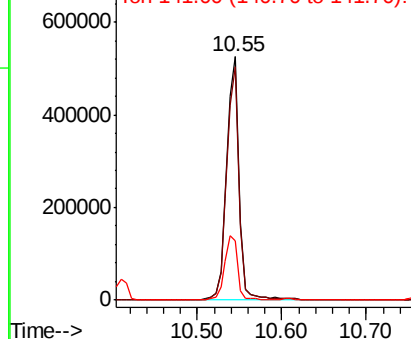
330 100

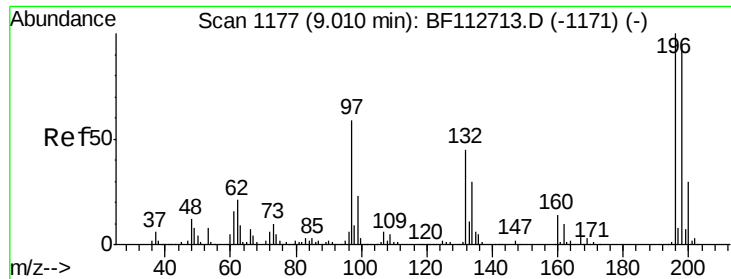
332 96.6 76.2 114.4

141 27.9 27.0 40.6



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

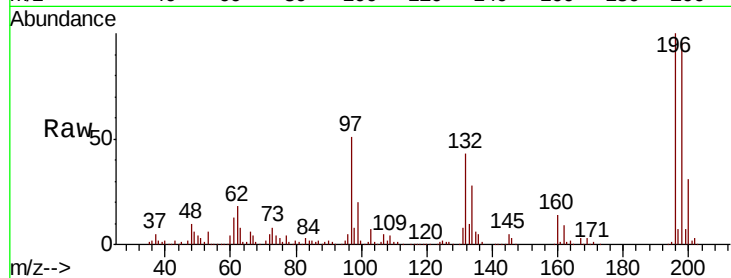




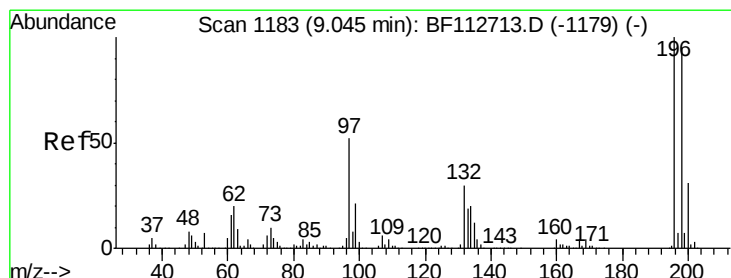
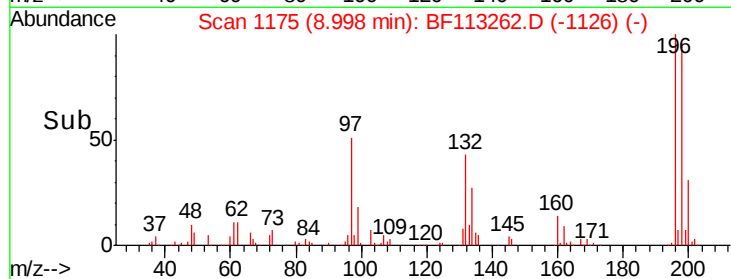
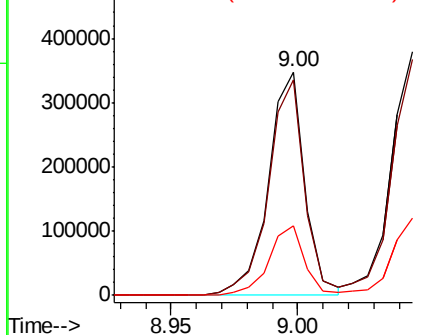
#43
 2,4,6-Trichlorophenol
 Concen: 41.695 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:196 Resp: 349487
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.8 113.8
 200 31.2 24.3 36.5



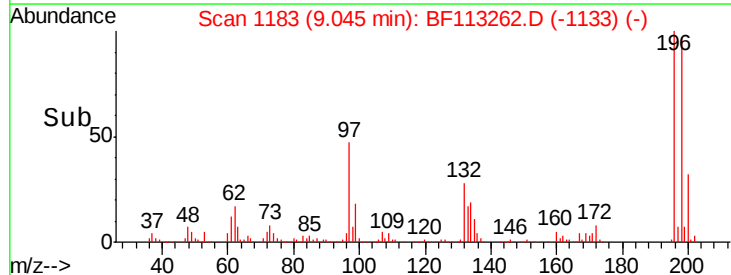
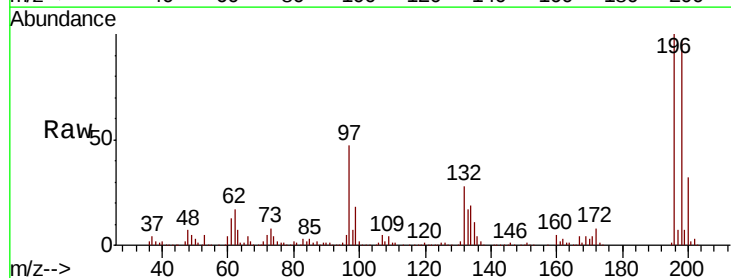
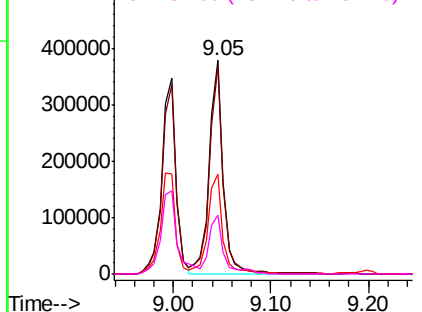
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

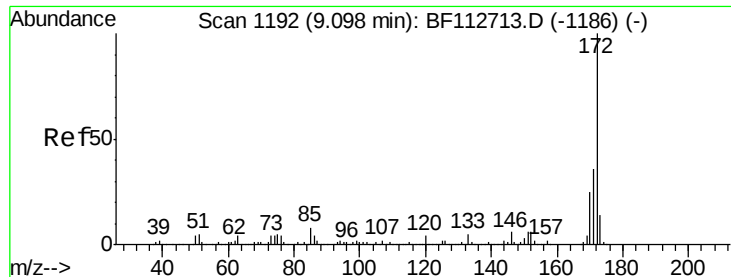


#44
 2,4,5-Trichlorophenol
 Concen: 41.466 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:196 Resp: 375671
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.2 114.2
 97 46.8 41.5 62.3
 132 27.5 23.9 35.9

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

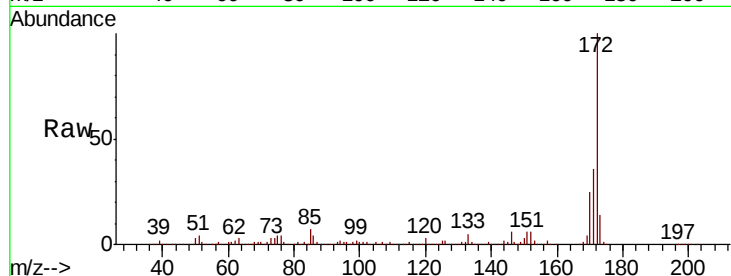




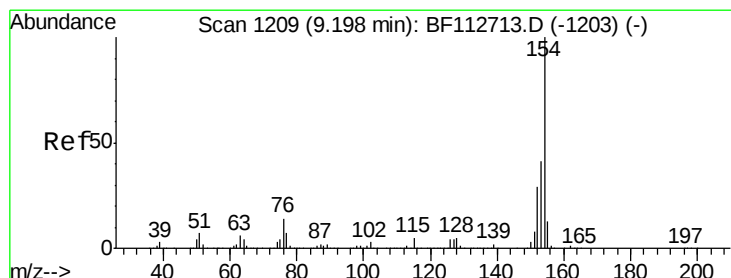
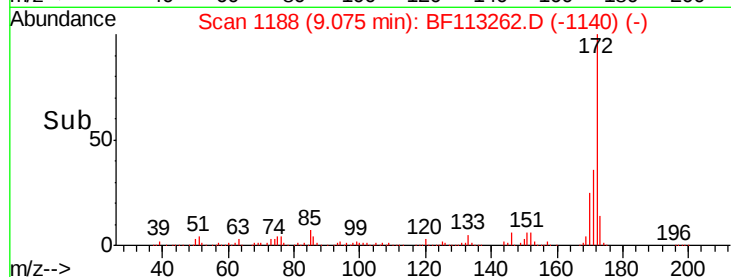
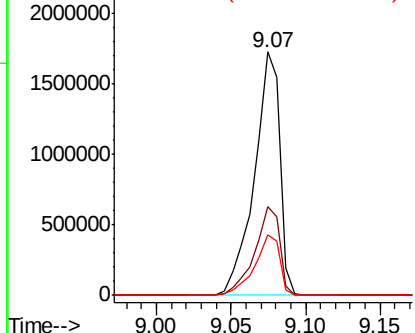
#45
2-Fluorobiphenyl
Concen: 78.768 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:172 Resp: 2024391
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.6 20.0 30.0

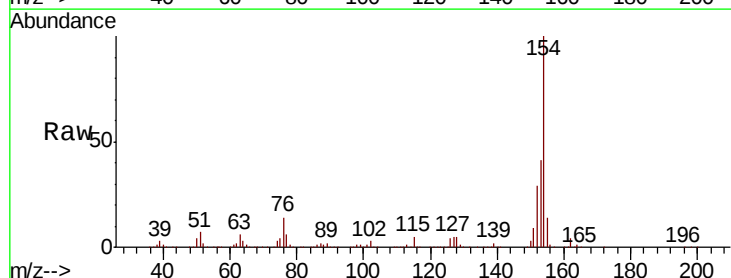


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

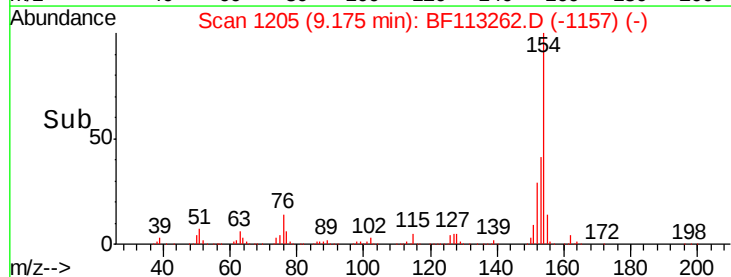
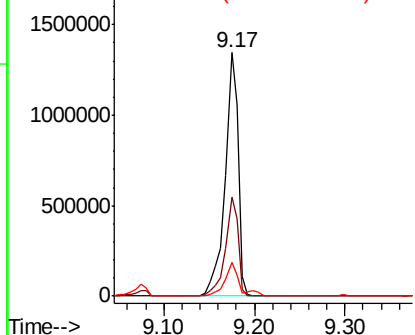


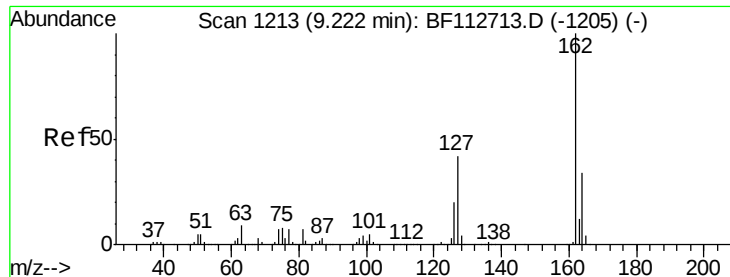
#46
1,1'-Biphenyl
Concen: 38.643 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:154 Resp: 1316372
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 13.6 0.0 33.8



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

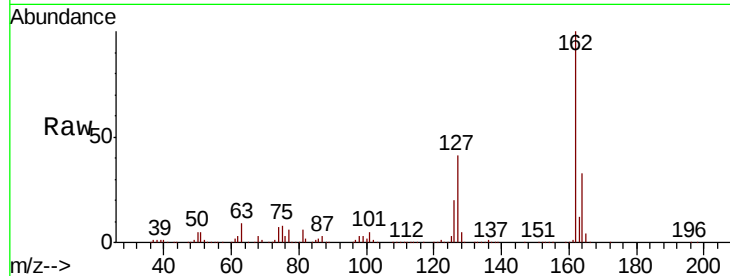




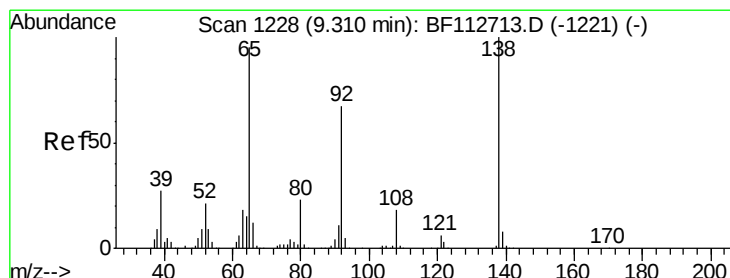
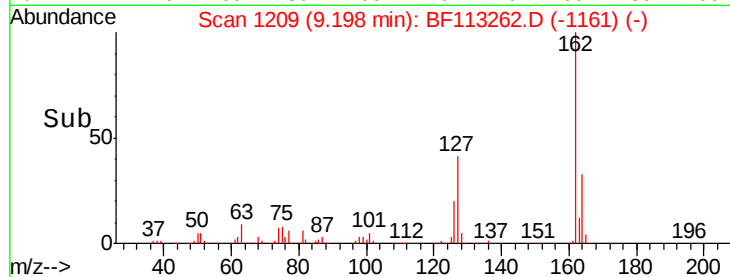
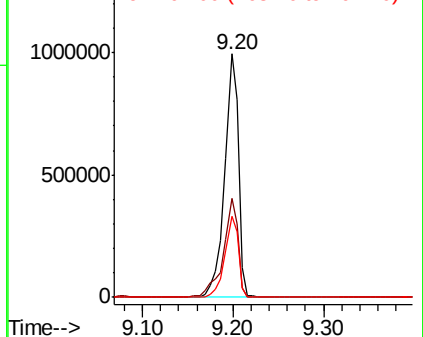
#47
2-Chloronaphthalene
Concen: 38.625 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion: 162 Resp: 1027411
Ion Ratio Lower Upper
162 100
127 40.7 33.4 50.2
164 33.4 26.9 40.3

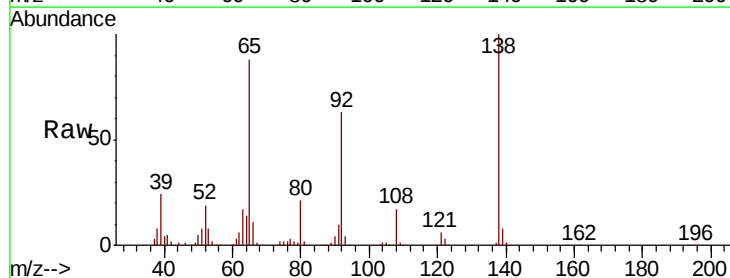


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

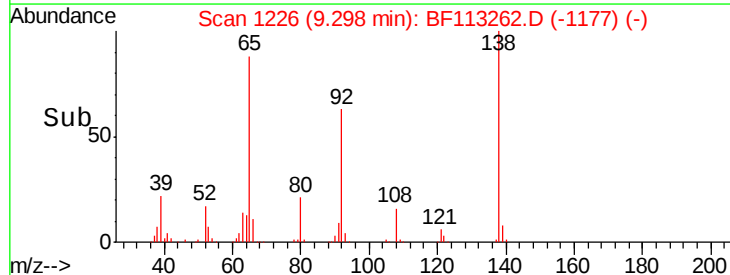
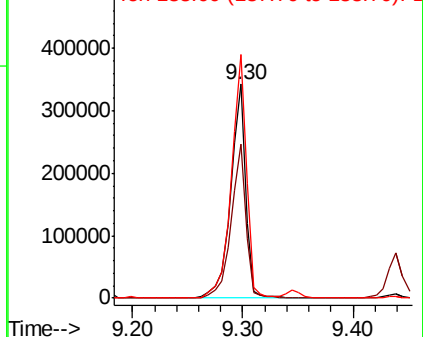


#48
2-Nitroaniline
Concen: 40.670 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion: 65 Resp: 328817
Ion Ratio Lower Upper
65 100
92 71.7 56.4 84.6
138 113.7 84.6 126.8



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





#49

Acenaphthylene

Concen: 35.240 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

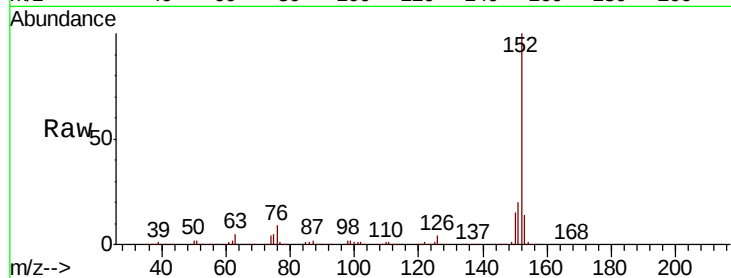
Tgt Ion:152 Resp: 1591318

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

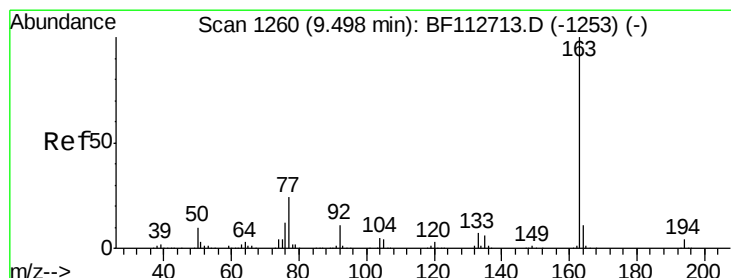
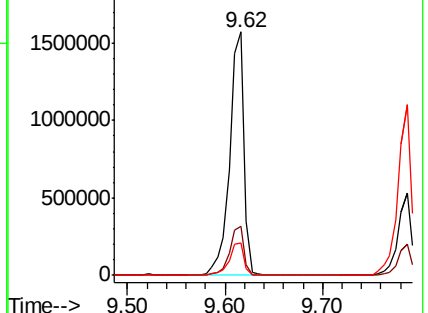
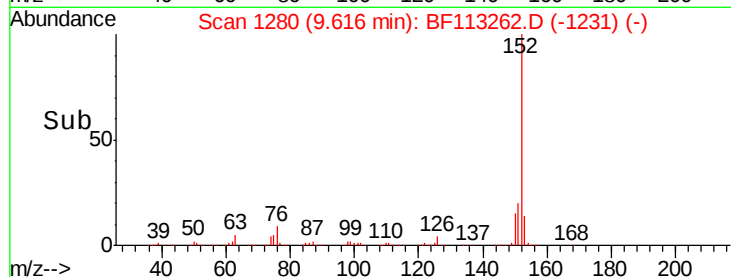
153 13.5 11.0 16.6



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: 39.602 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

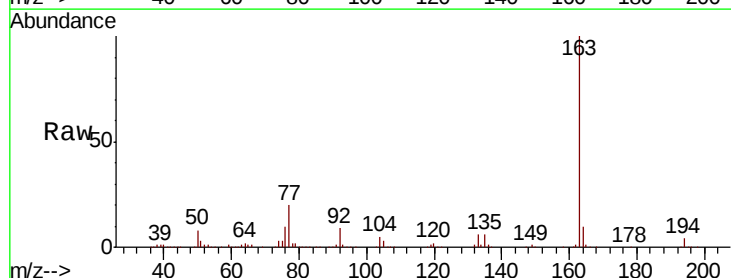
Tgt Ion:163 Resp: 1219551

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

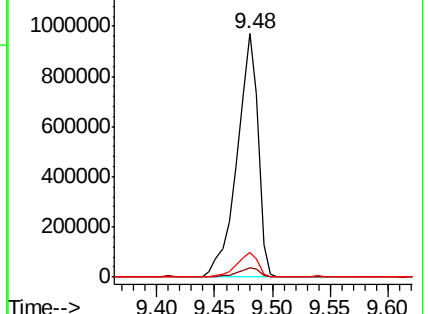
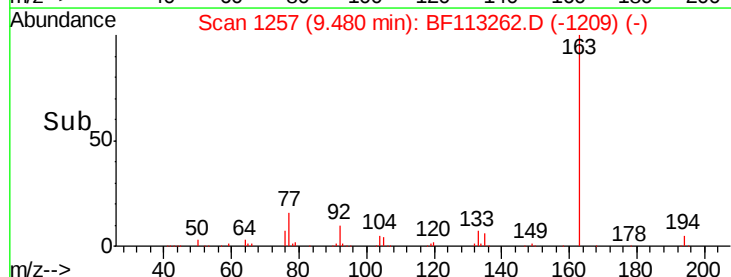
164 10.3 8.4 12.6

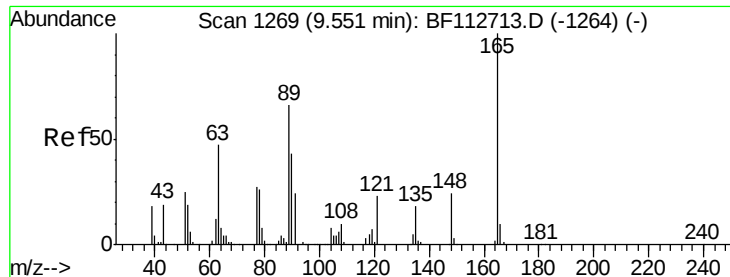


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

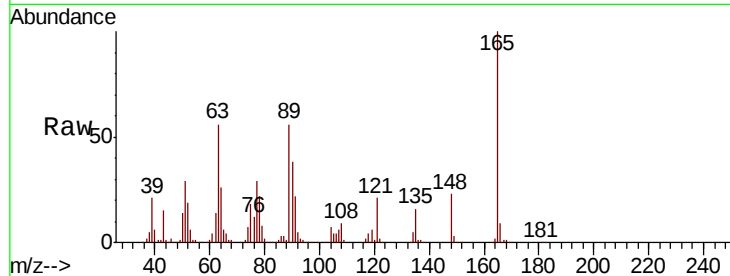




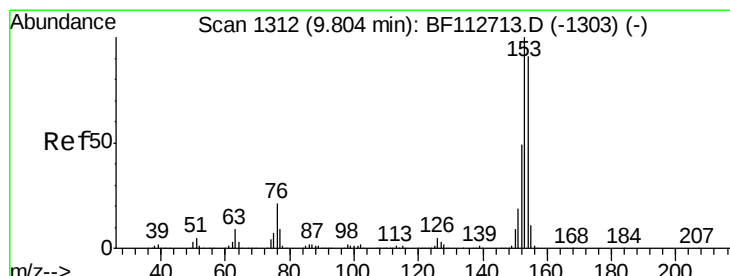
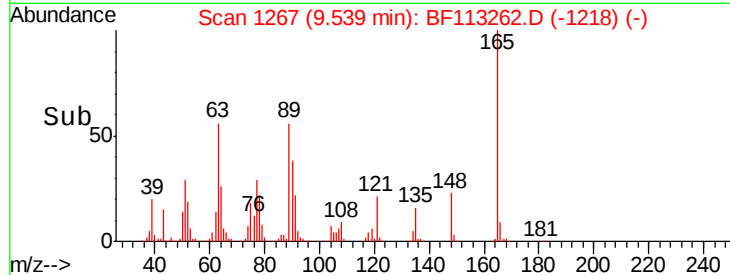
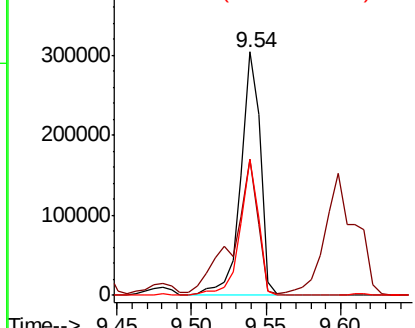
#51
2,6-Dinitrotoluene
Concen: 43.168 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:165 Resp: 276823
Ion Ratio Lower Upper
165 100
63 56.1 54.1 81.1
89 56.1 52.8 79.2

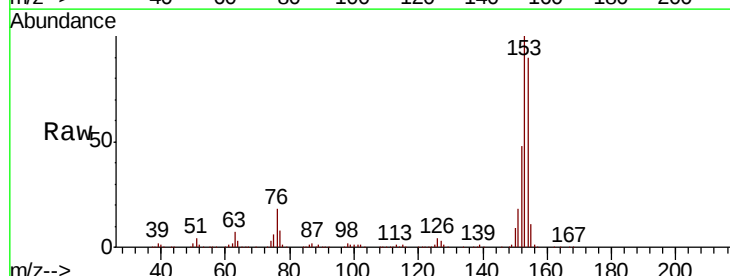


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

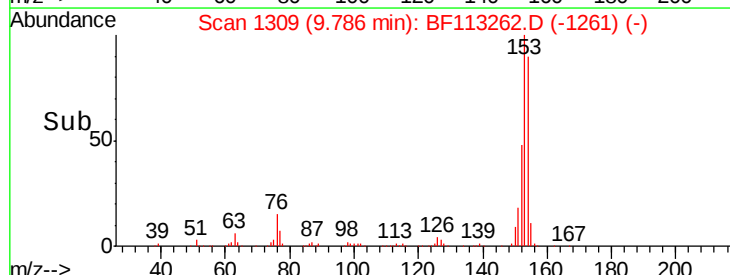
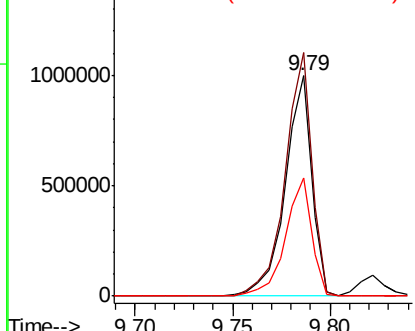


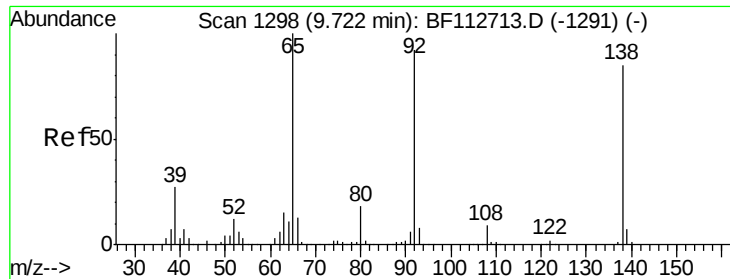
#52
Acenaphthene
Concen: 35.692 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:154 Resp: 942542
Ion Ratio Lower Upper
154 100
153 110.6 87.8 131.8
152 53.5 43.0 64.6



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

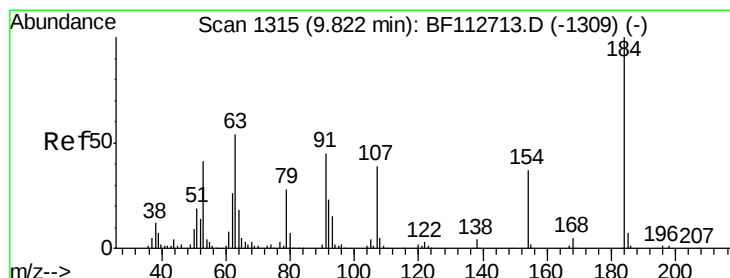
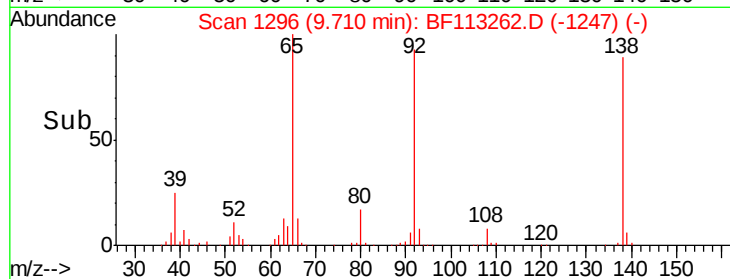
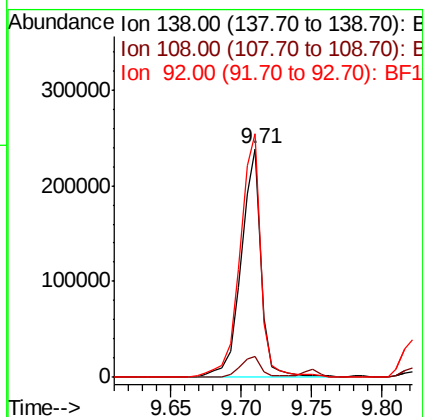
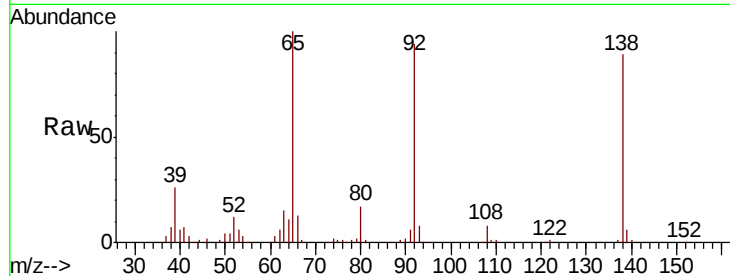




#53
3-Nitroaniline
Concen: 29.962 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

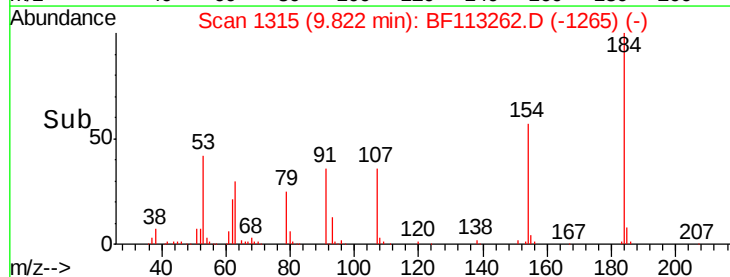
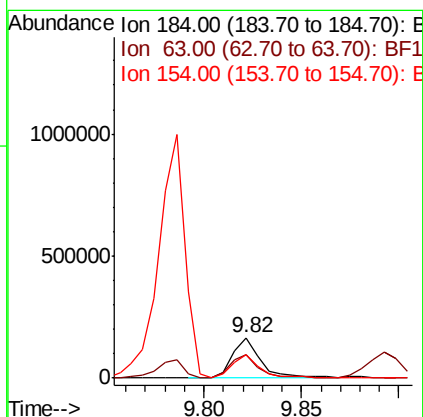
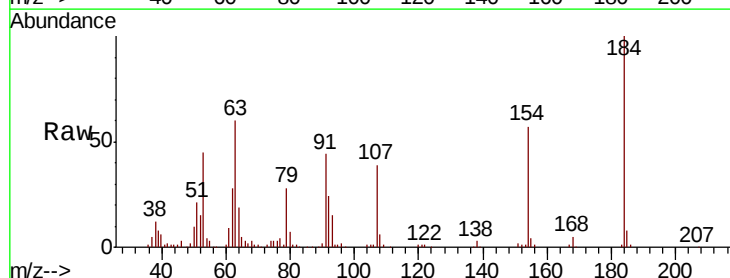
Instrument :
BNA_F
ClientSampleId :
PB118222BS

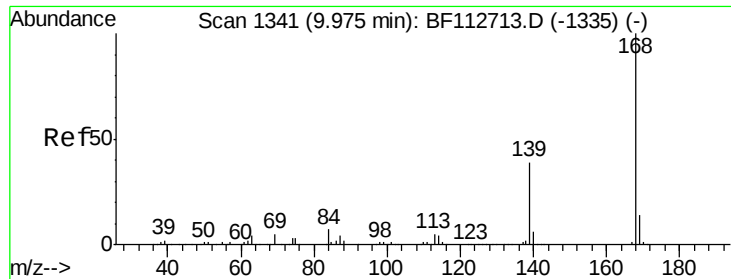
Tgt Ion:138 Resp: 234124
Ion Ratio Lower Upper
138 100
108 9.2 8.6 13.0
92 106.5 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 64.677 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:184 Resp: 166128
Ion Ratio Lower Upper
184 100
63 59.8 45.3 67.9
154 57.0 46.0 69.0

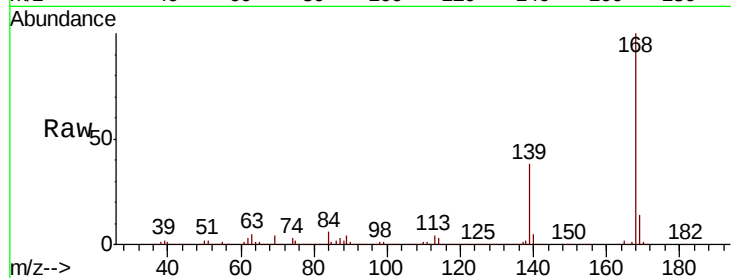




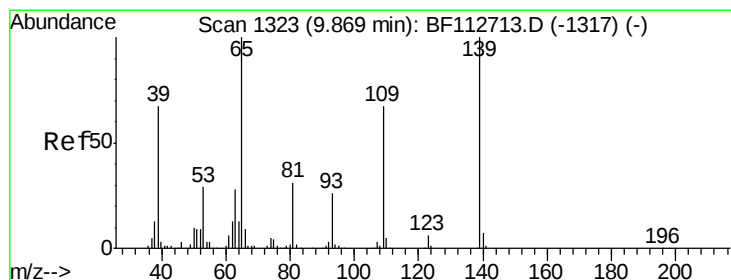
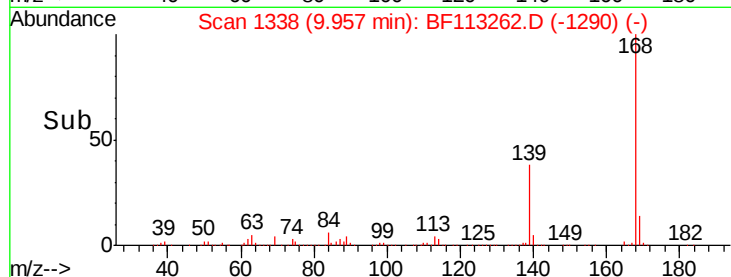
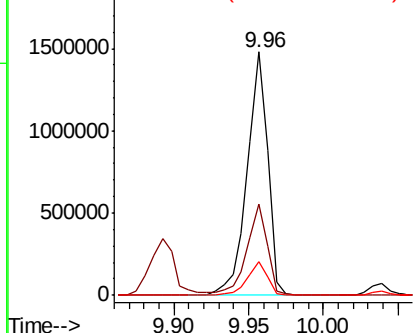
#55
Dibenzofuran
Concen: 36.793 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:168 Resp: 1412112
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.8 11.3 16.9

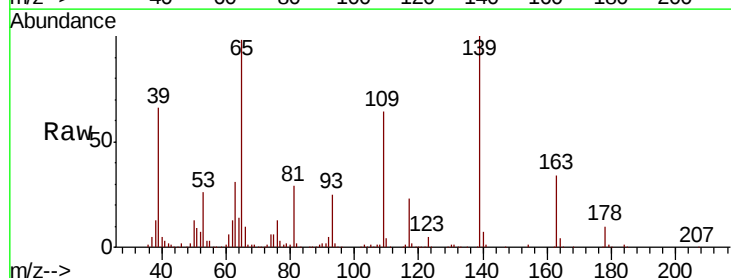


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

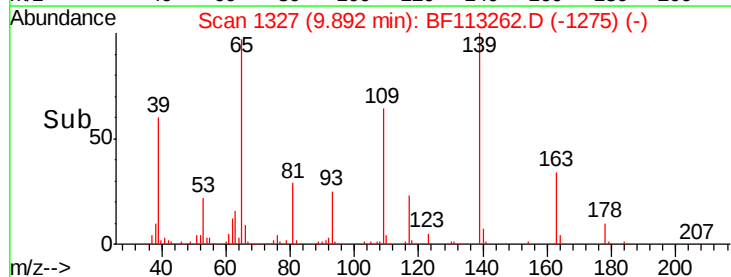
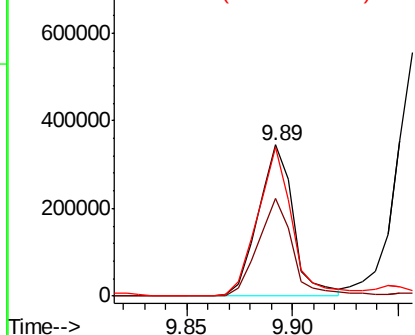


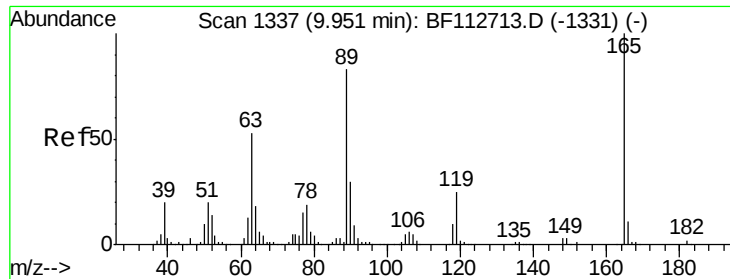
#56
4-Nitrophenol
Concen: 62.959 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:139 Resp: 399829
Ion Ratio Lower Upper
139 100
109 64.4 46.8 86.8
65 98.0 80.7 120.7



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

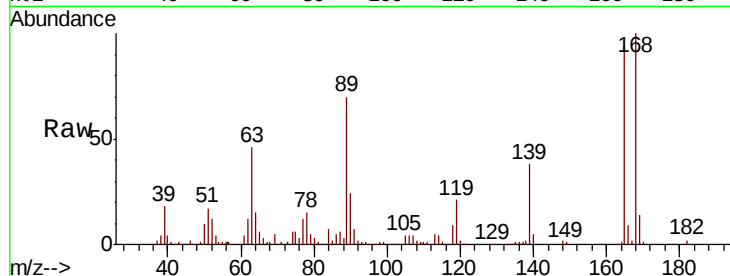




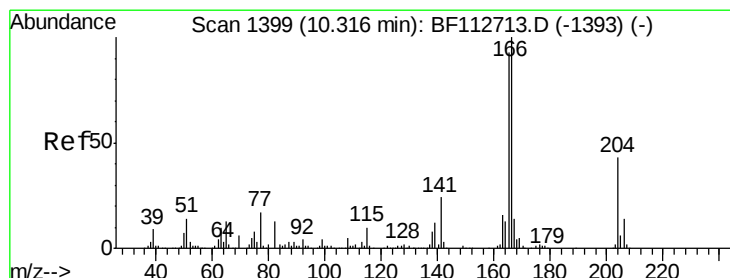
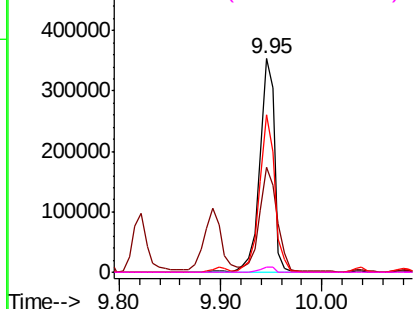
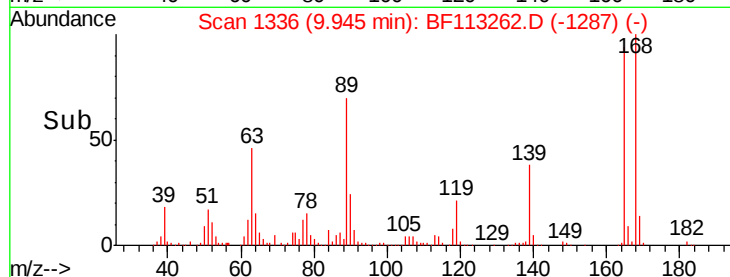
#57
 2,4-Dinitrotoluene
 Concen: 44.304 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:	165	Resp:	353156
Ion	Ratio	Lower	Upper
165	100		
63	49.2	42.2	63.2
89	74.0	66.2	99.4
182	2.5	1.8	2.6

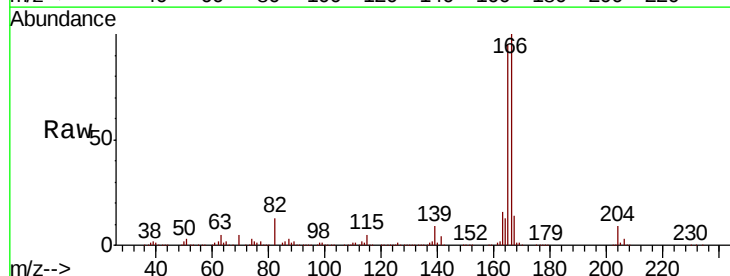


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

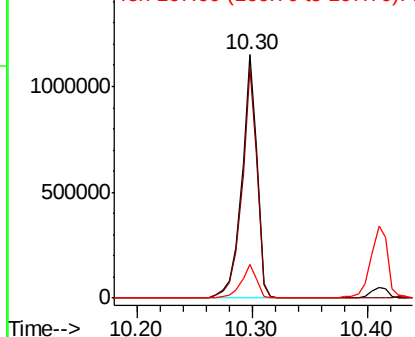
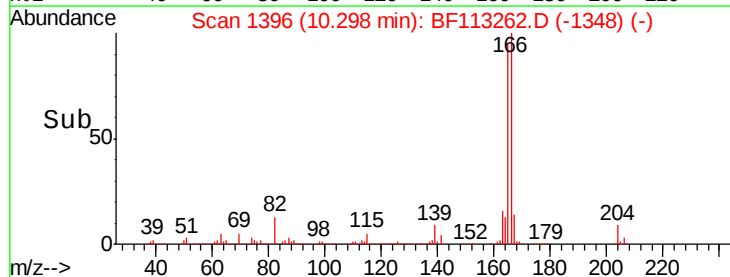


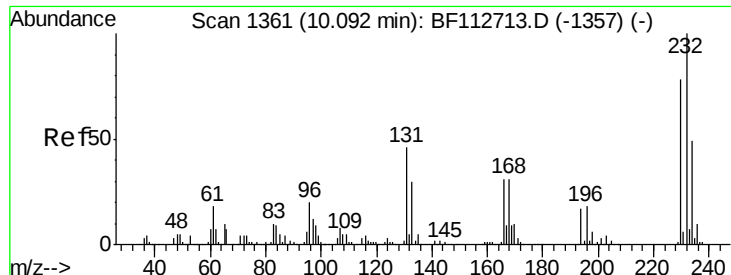
#58
 Fluorene
 Concen: 38.317 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:	166	Resp:	1043769
Ion	Ratio	Lower	Upper
166	100		
165	94.7	74.7	112.1
167	14.1	11.0	16.6



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

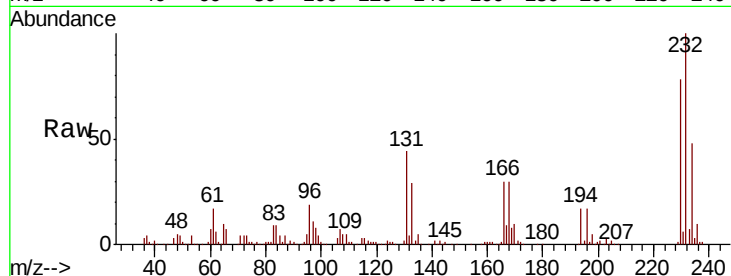




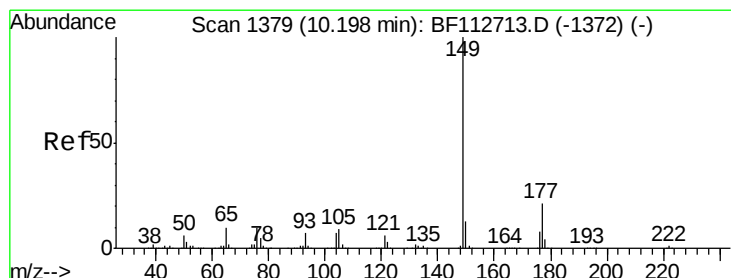
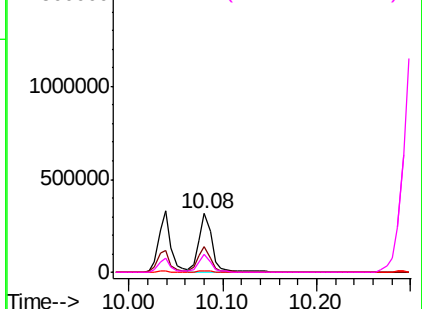
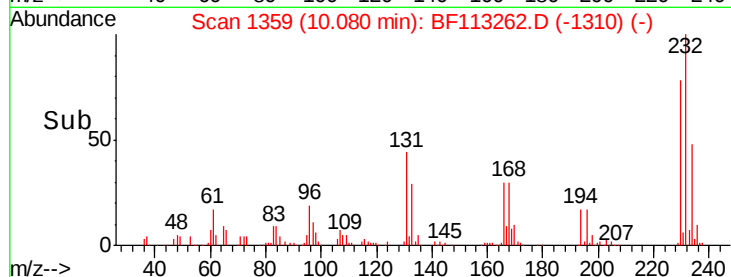
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.742 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion: 232 Resp: 315072
 Ion Ratio Lower Upper
 232 100
 131 43.3 38.7 58.1
 130 2.0 1.9 2.9
 166 27.8 25.2 37.8

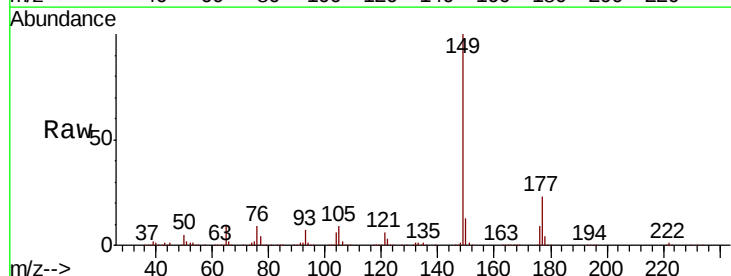


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

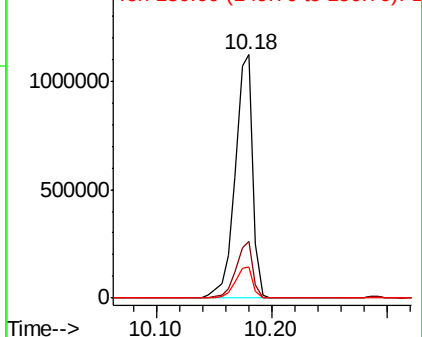
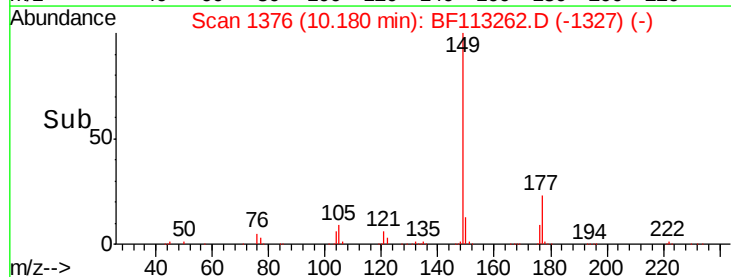


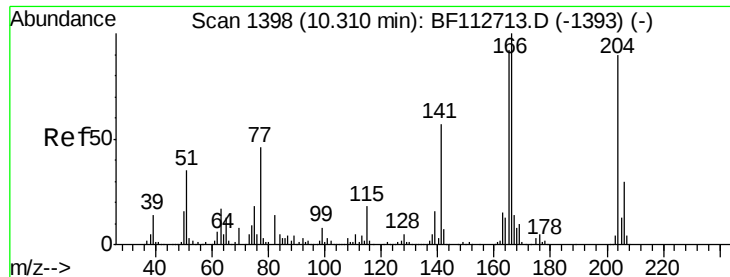
#60
 Diethylphthalate
 Concen: 36.217 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion: 149 Resp: 1177925
 Ion Ratio Lower Upper
 149 100
 177 23.3 17.0 25.6
 150 12.6 10.0 15.0



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

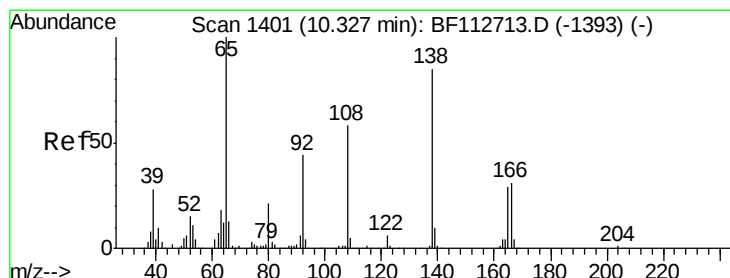
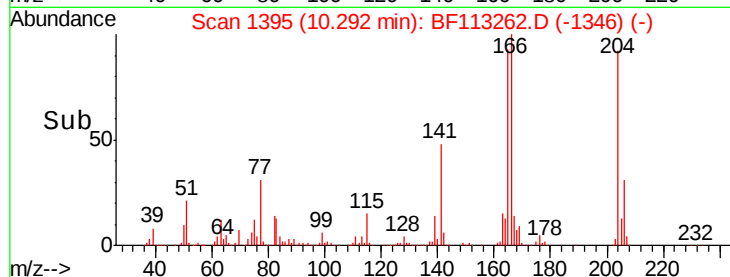
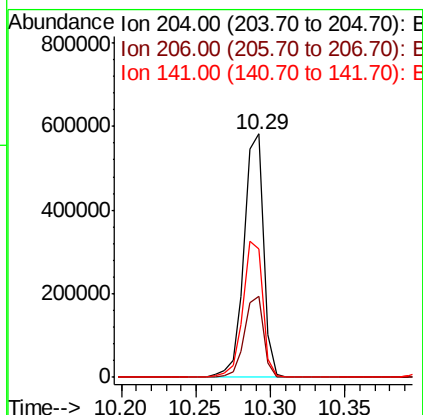
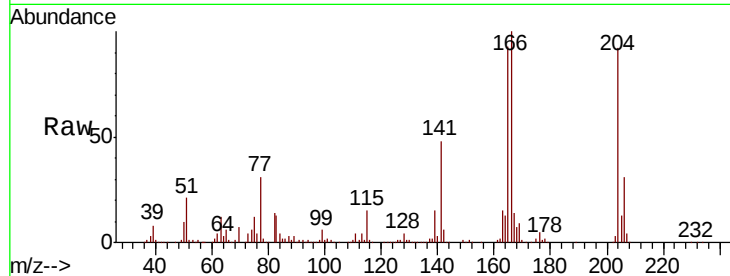




#61
4-Chlorophenyl-phenylether
Concen: 41.842 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

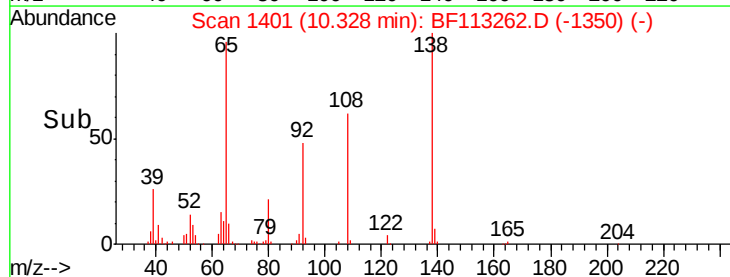
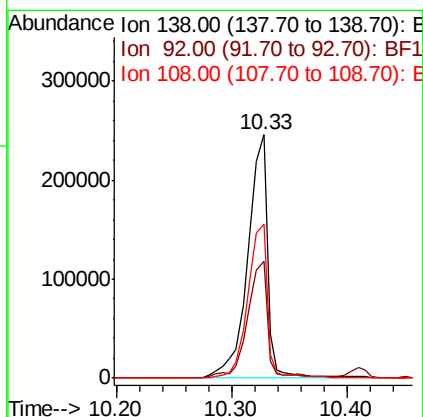
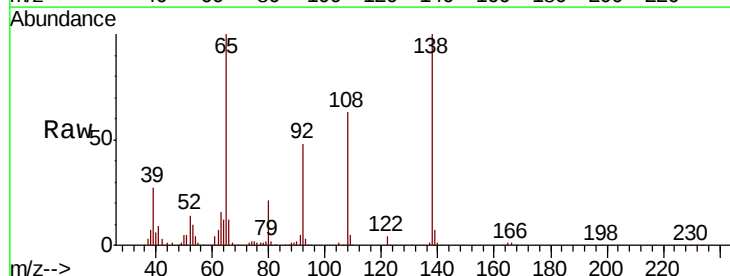
Instrument :
BNA_F
ClientSampleId :
PB118222BS

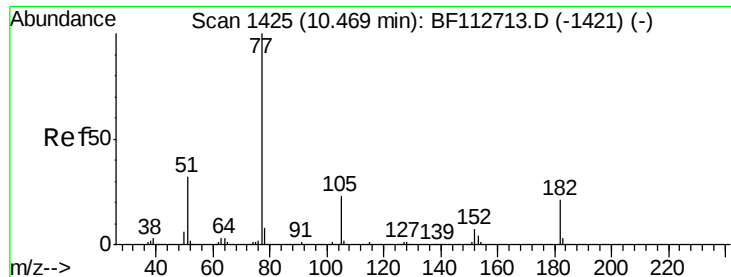
Tgt Ion:204 Resp: 530307
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 52.6 50.8 76.2



#62
4-Nitroaniline
Concen: 40.771 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:138 Resp: 294388
Ion Ratio Lower Upper
138 100
92 47.9 31.3 71.3
108 63.1 48.1 88.1





#63

Azobenzene

Concen: 31.395 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

Tgt Ion: 77 Resp: 1045894

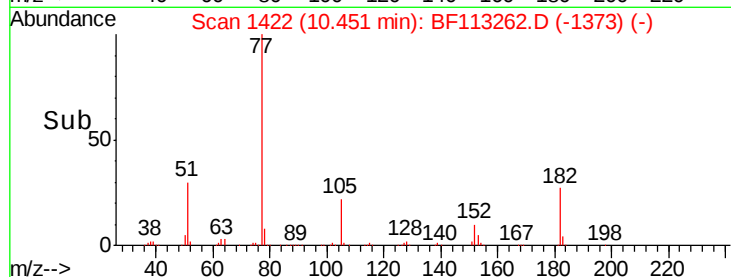
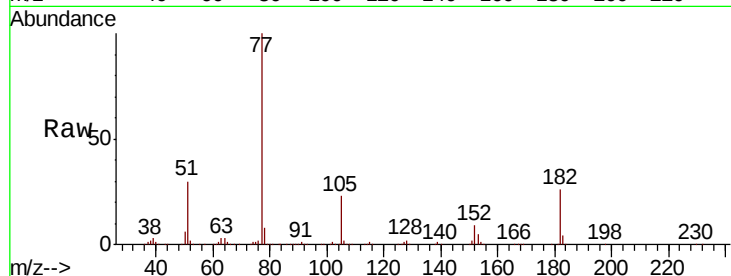
Ion Ratio Lower Upper

77 100

182 26.4 1.4 41.4

105 23.0 2.6 42.6

51 29.9 12.0 52.0

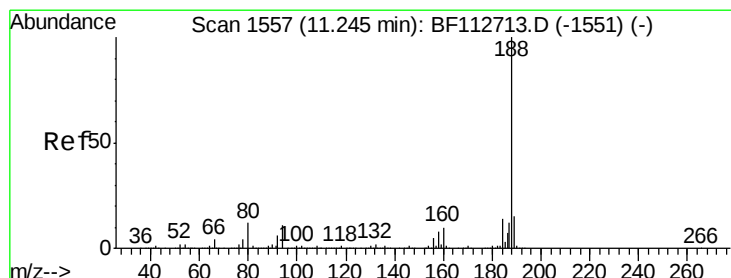
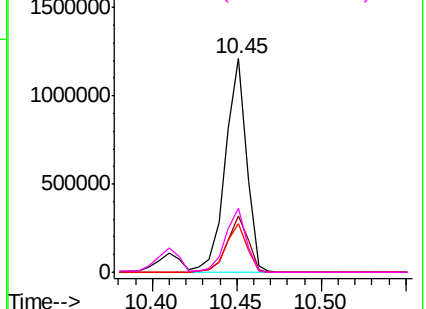


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

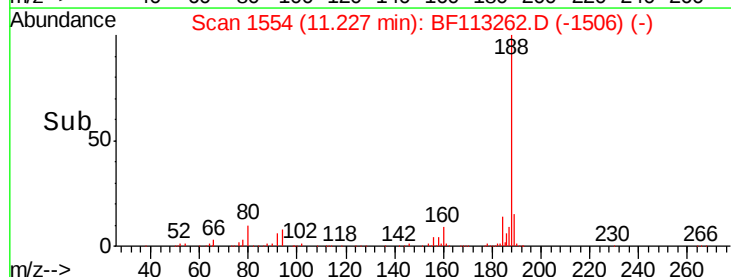
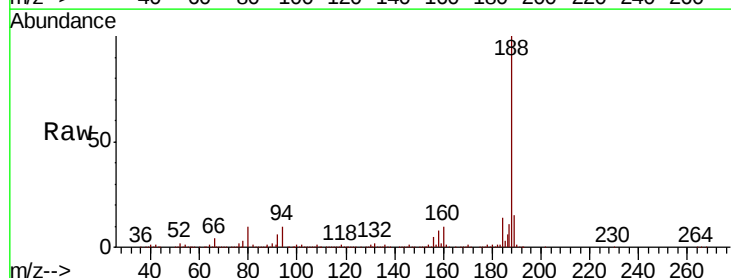
Tgt Ion: 188 Resp: 745121

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

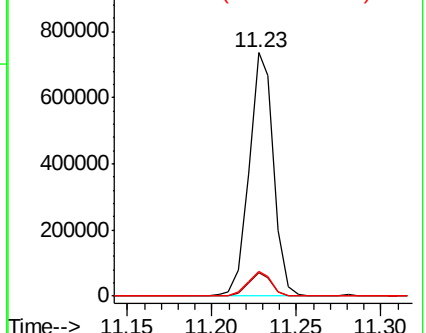
80 10.3 9.2 13.8

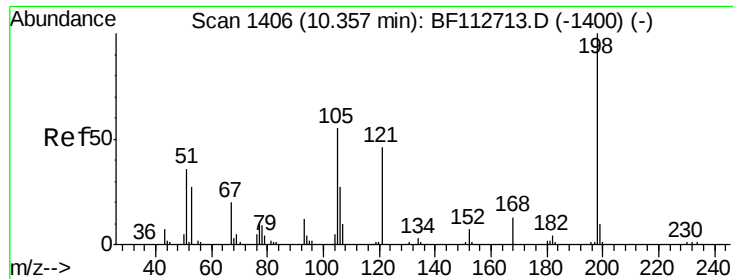


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

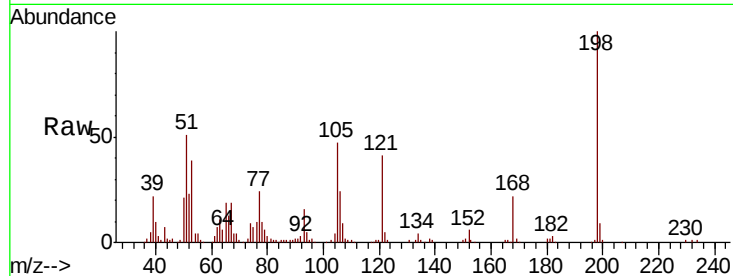




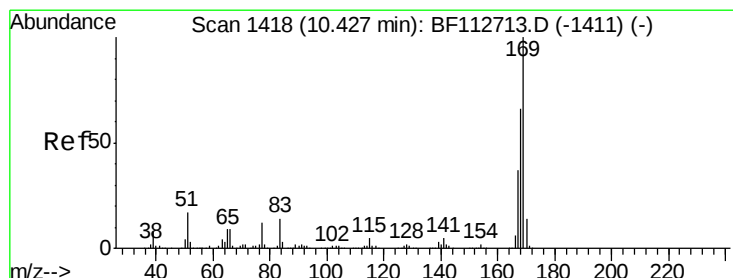
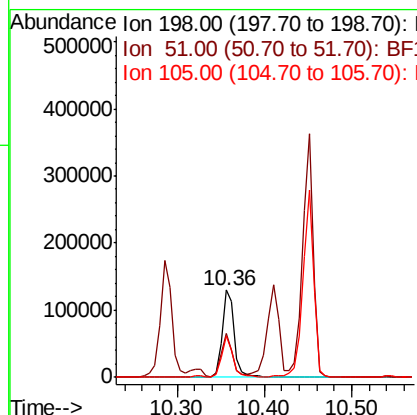
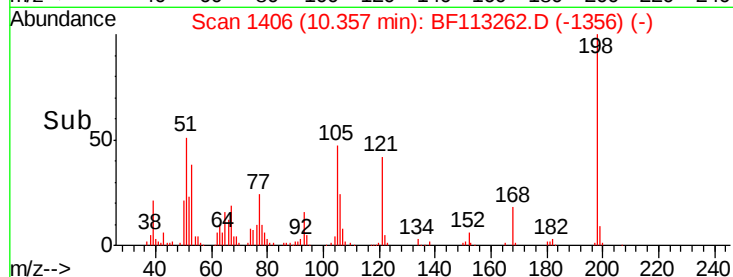
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.908 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Instrument :
 BNA_F
 ClientSampleID :
 PB118222BS

Tgt Ion:198 Resp: 126324
 Ion Ratio Lower Upper
 198 100
 51 50.7 43.8 83.8
 105 47.1 36.5 76.5

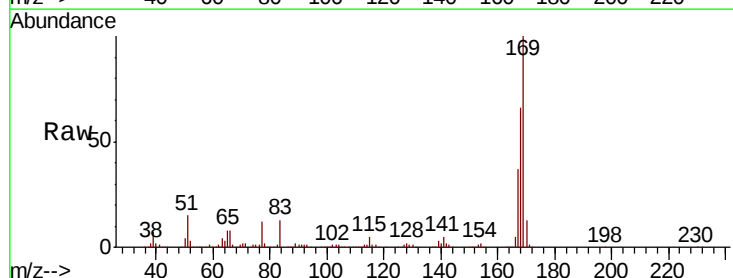


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

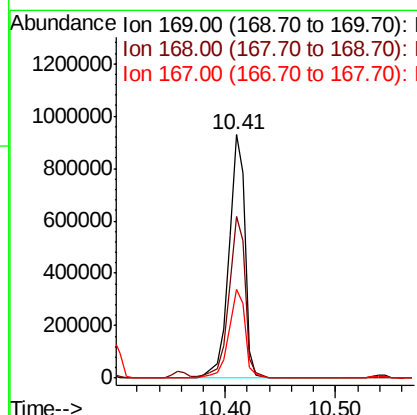
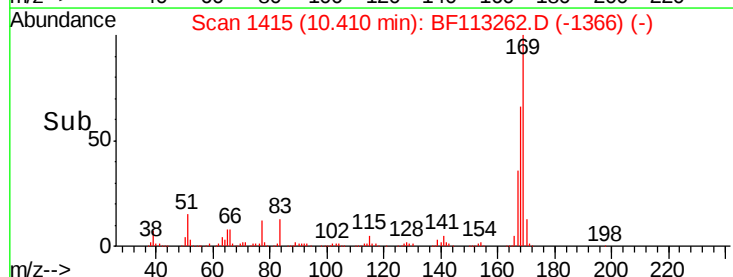


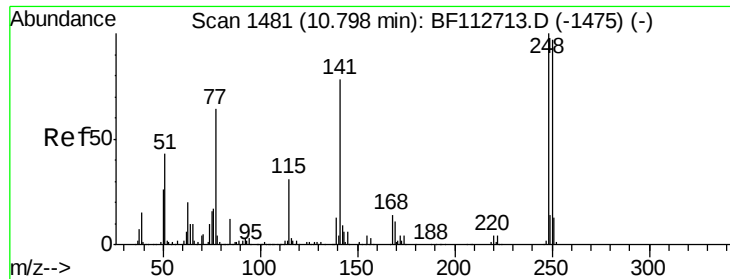
#66
 n-Nitrosodiphenylamine
 Concen: 39.370 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion:169 Resp: 940813
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 36.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

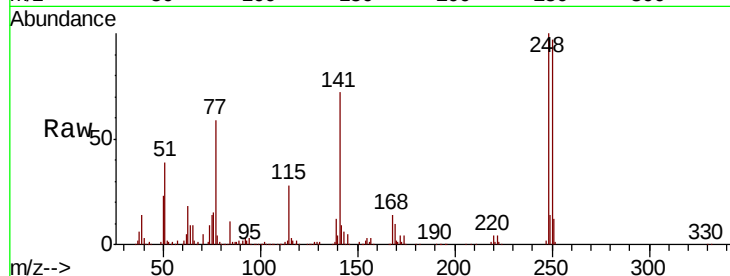




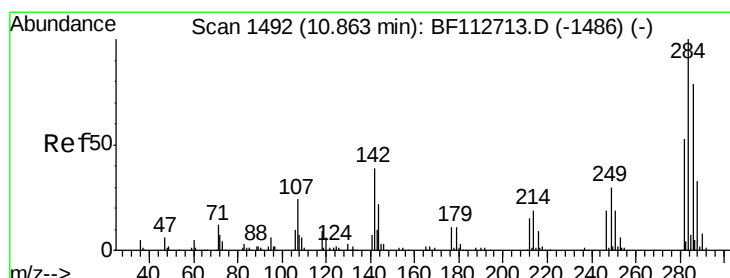
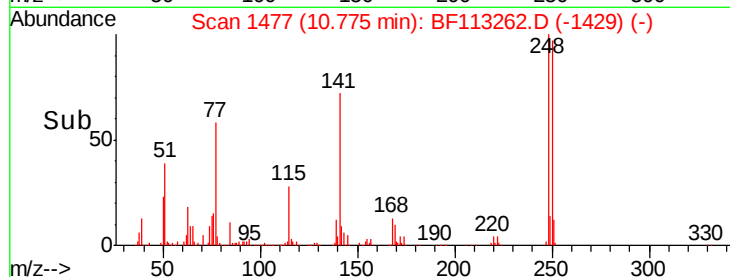
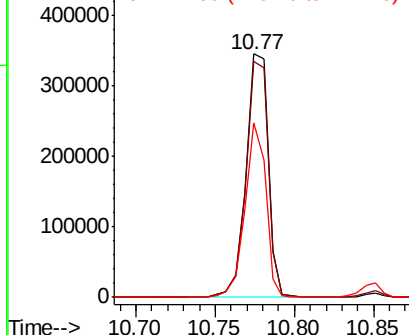
#67
4-Bromophenyl-phenylether
Concen: 42.716 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:248 Resp: 335247
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 71.6 62.4 93.6

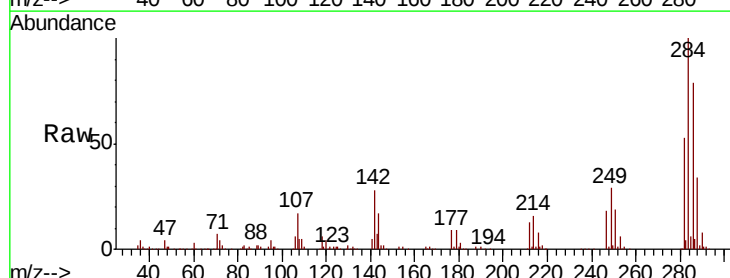


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

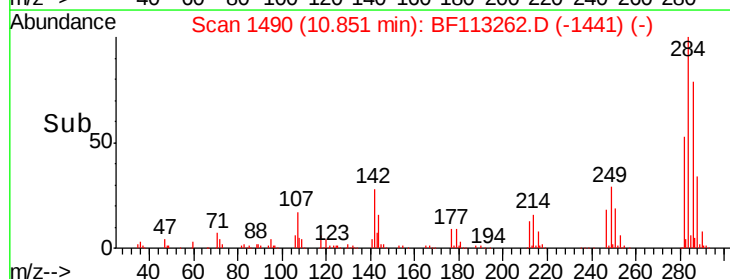
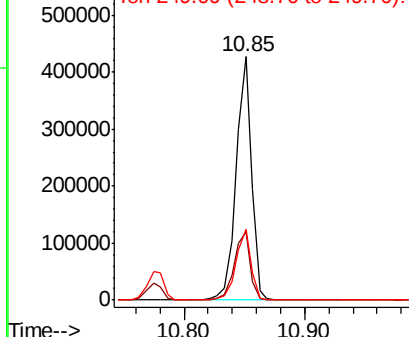


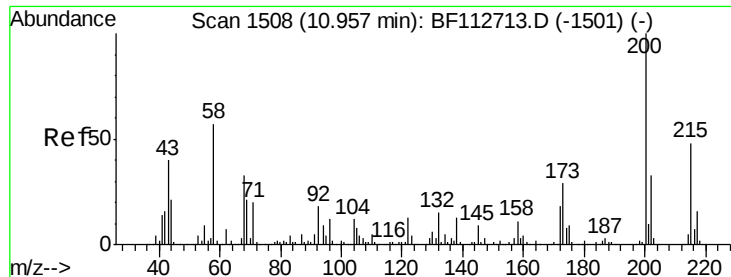
#68
Hexachlorobenzene
Concen: 43.089 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:284 Resp: 381212
Ion Ratio Lower Upper
284 100
142 27.9 31.0 46.6#
249 28.9 23.6 35.4



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

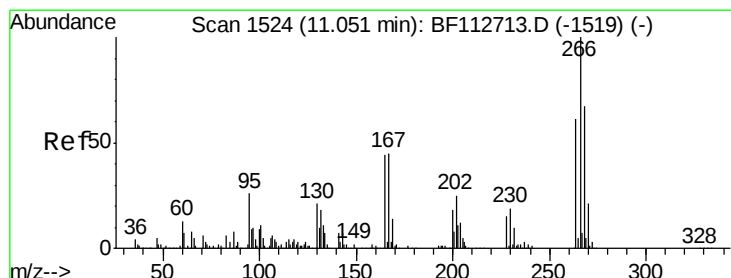
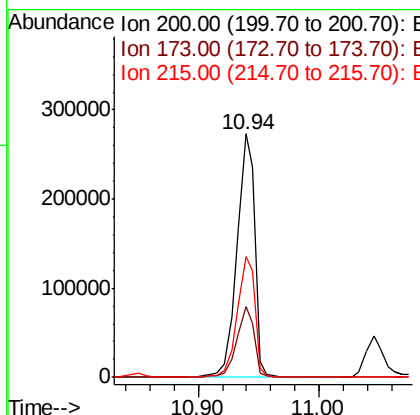
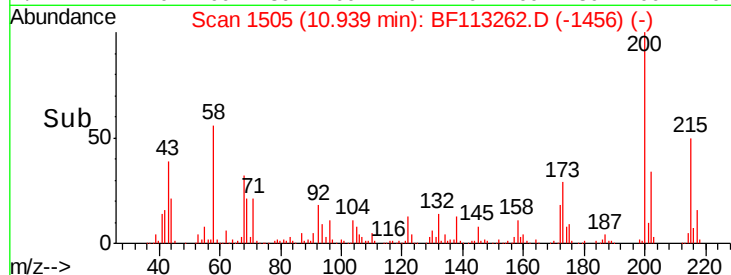
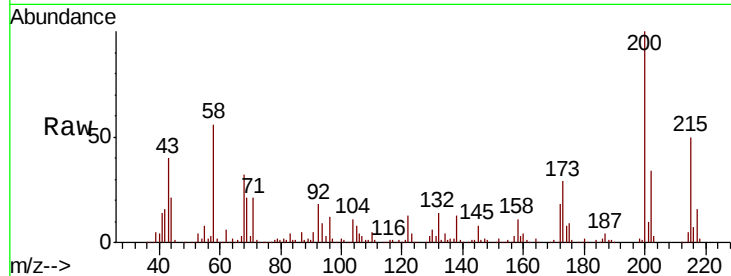




#69
Atrazine
Concen: 38.573 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

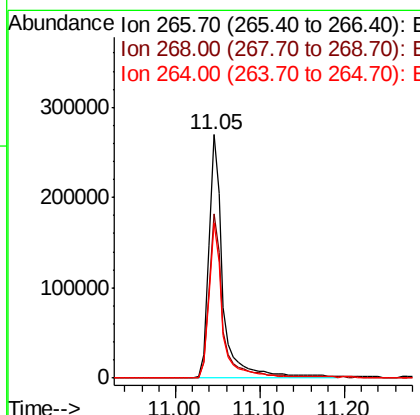
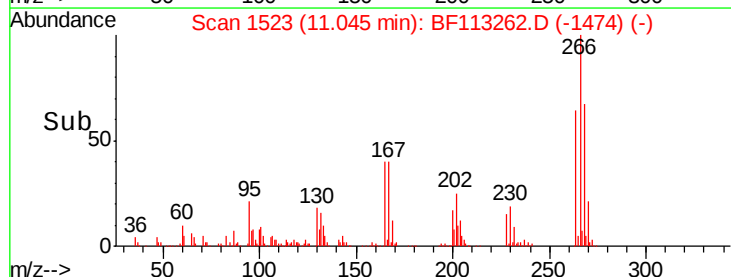
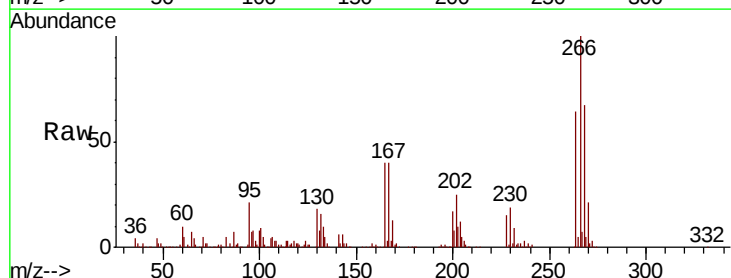
Instrument :
BNA_F
ClientSampleId :
PB118222BS

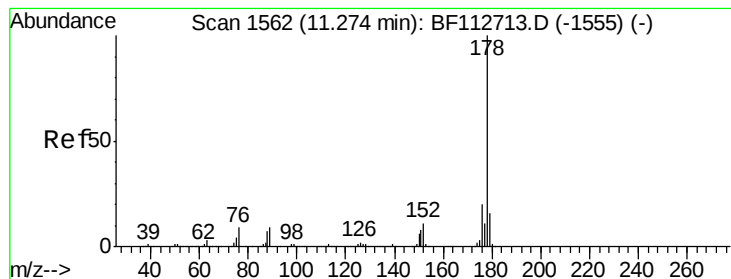
Tgt Ion:200 Resp: 282305
Ion Ratio Lower Upper
200 100
173 28.9 9.1 49.1
215 49.6 28.2 68.2



#70
Pentachlorophenol
Concen: 61.219 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:266 Resp: 318778
Ion Ratio Lower Upper
266 100
268 67.2 53.3 79.9
264 63.6 48.9 73.3





#71

Phenanthrene

Concen: 38.901 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

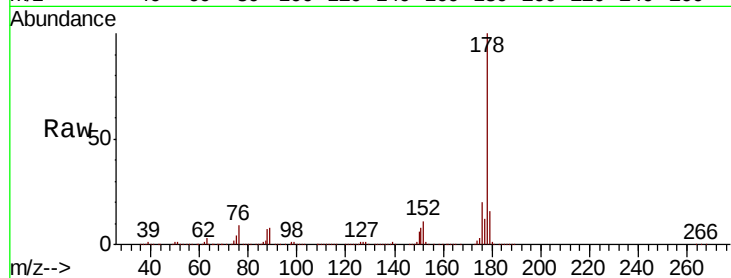
Tgt Ion:178 Resp: 1442152

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

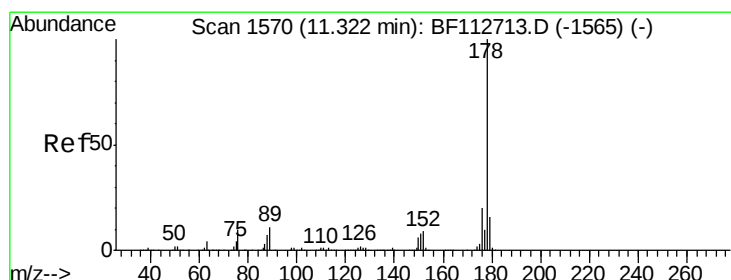
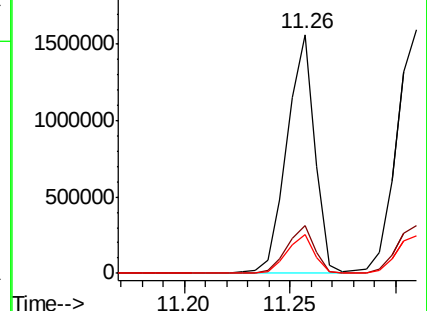
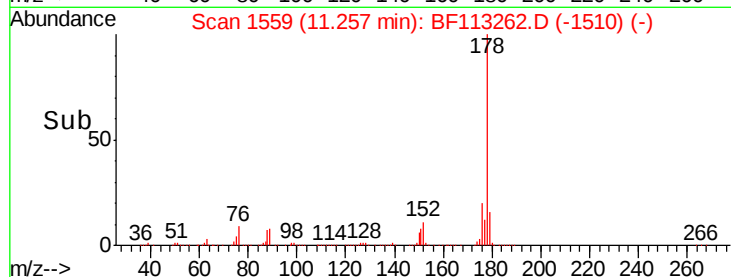
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.516 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

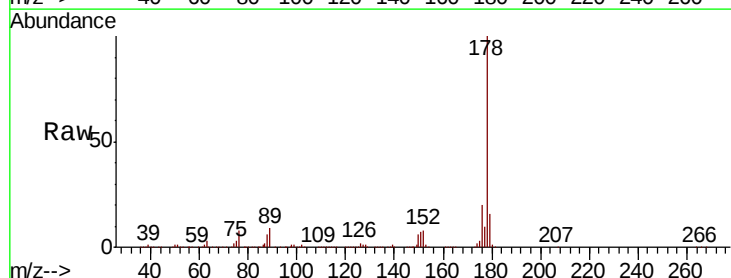
Tgt Ion:178 Resp: 1494679

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

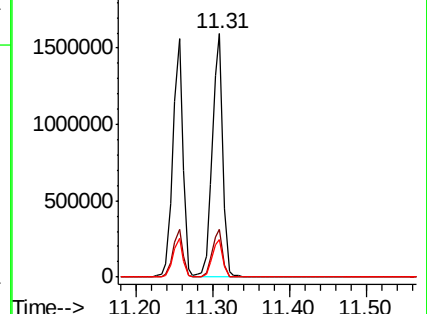
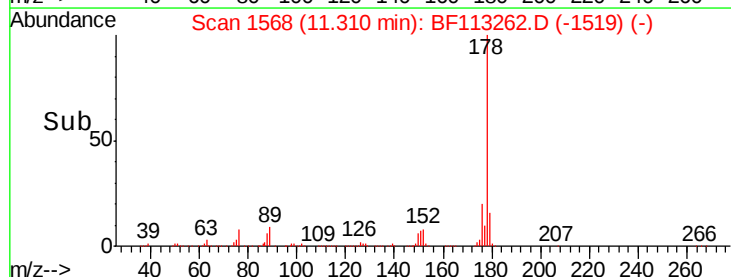
179 15.7 13.0 19.6

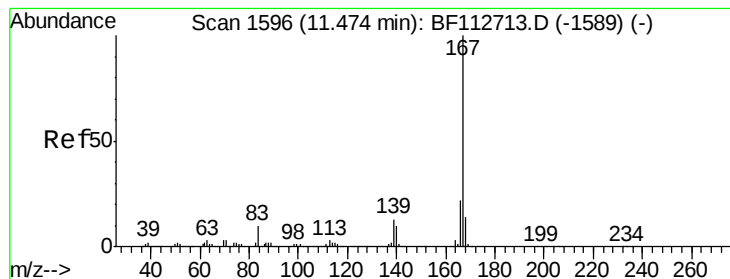


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.650 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

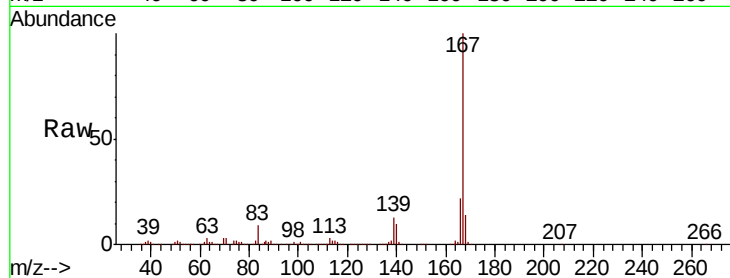
Tgt Ion:167 Resp: 1425318

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

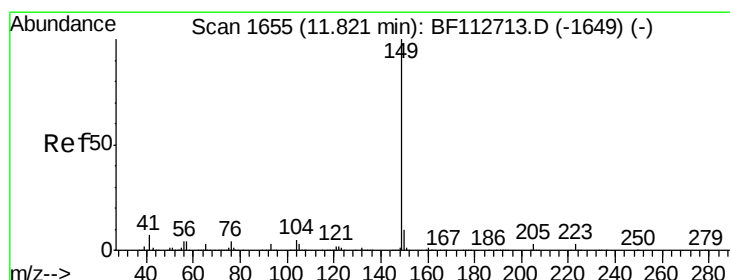
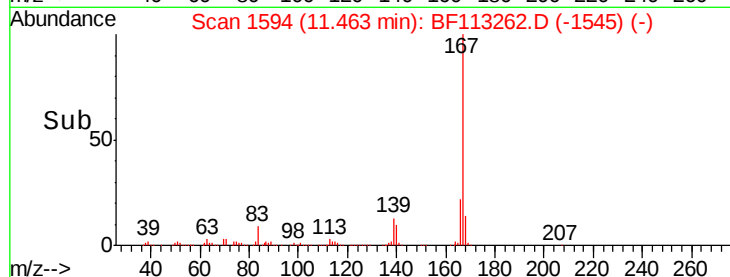
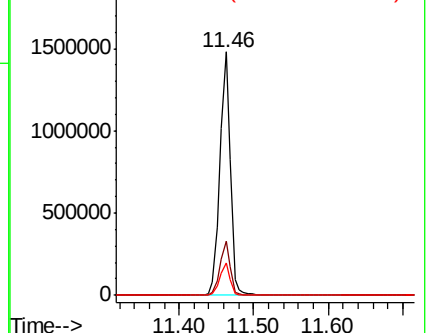
139 13.2 10.8 16.2



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: 37.647 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

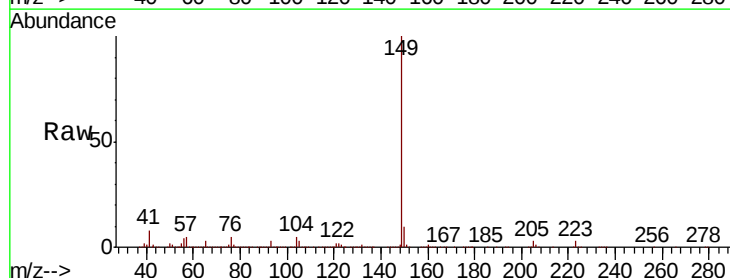
Tgt Ion:149 Resp: 1708860

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

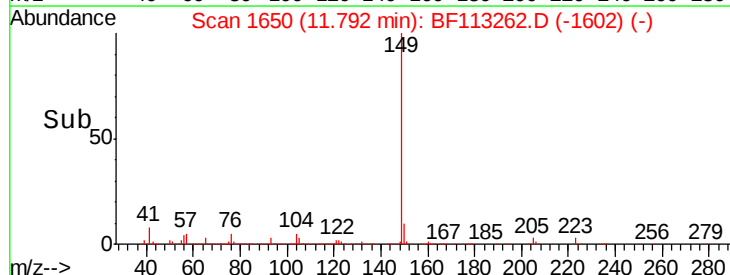
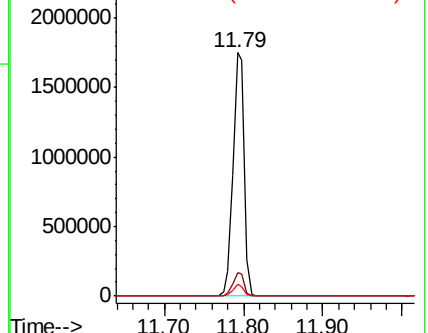
104 4.8 3.7 5.5

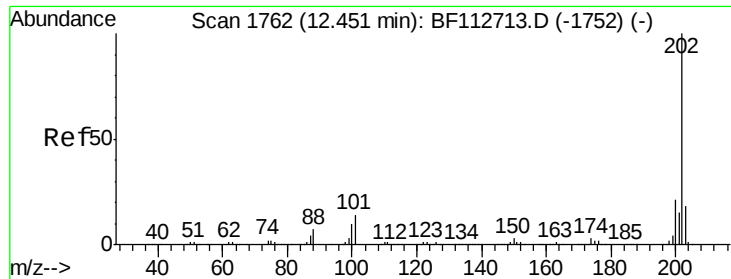


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

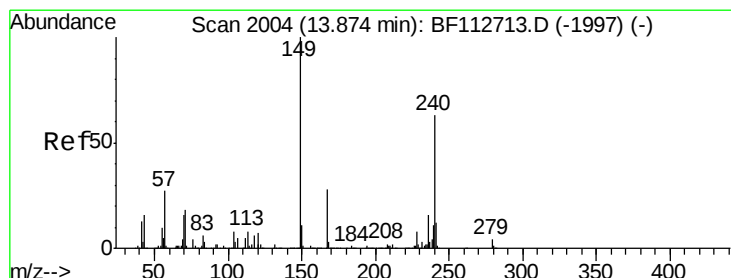
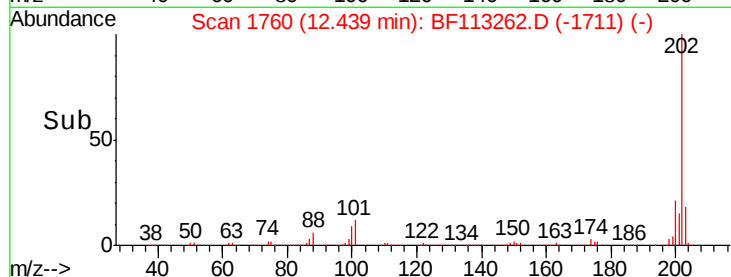
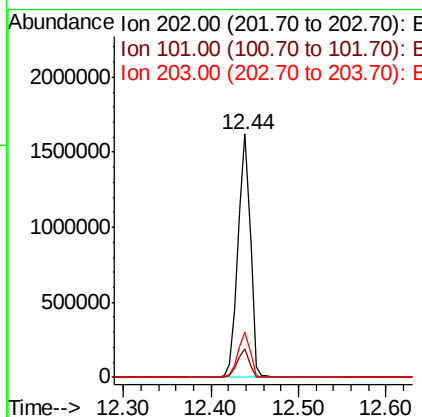
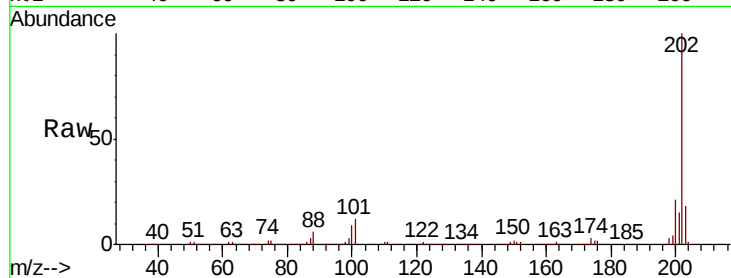




#75
 Fluoranthene
 Concen: 38.134 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

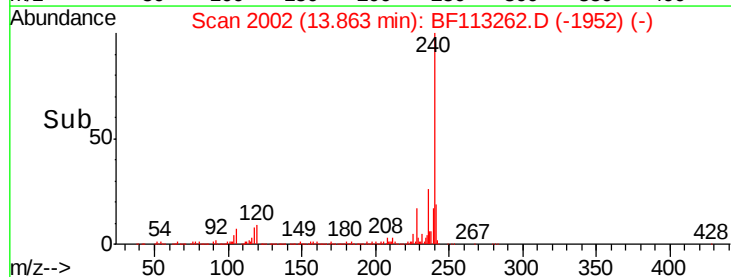
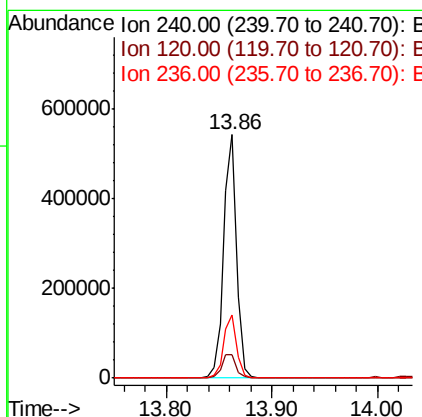
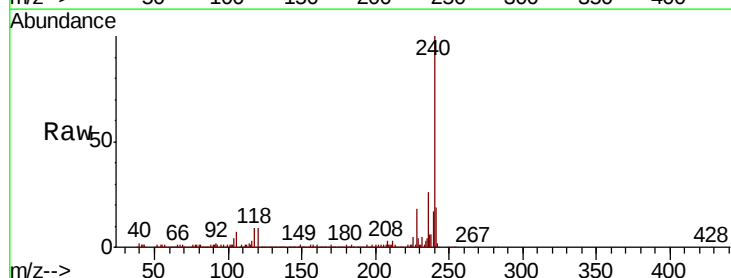
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

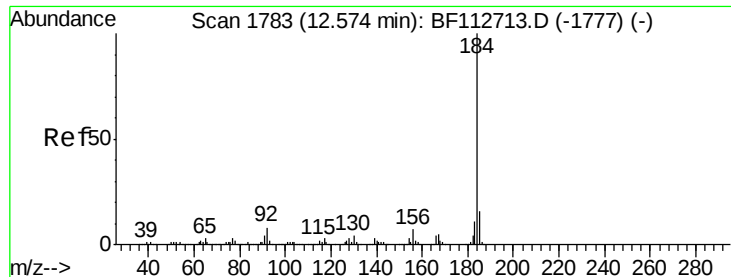
Tgt Ion: 202 Resp: 1514631
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 33.8
 203 18.4 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113262.D
 Acq: 24 Mar 2019 12:24

Tgt Ion: 240 Resp: 466769
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 25.7 20.7 31.1





#77

Benzidine

Concen: 19.581 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

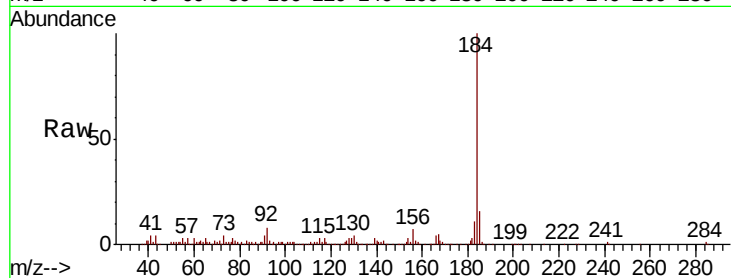
Tgt Ion:184 Resp: 474181

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

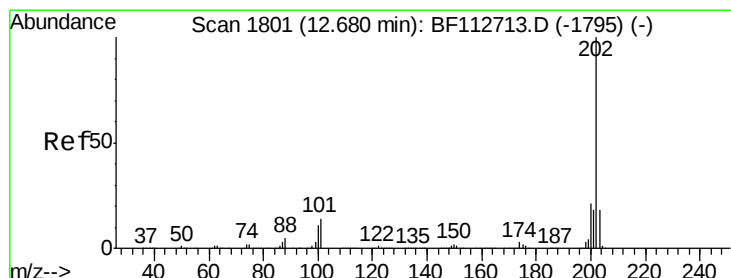
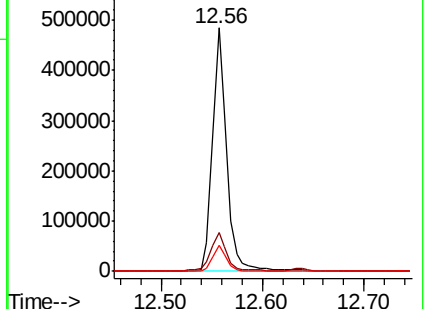
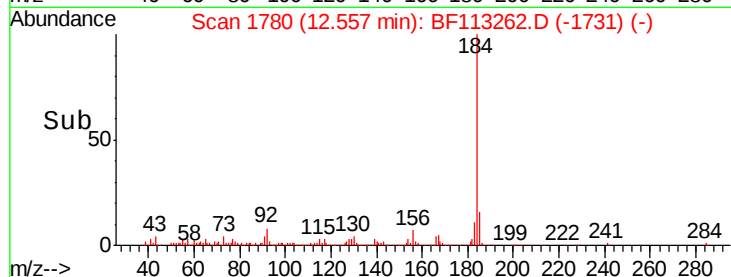
183 10.7 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.110 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

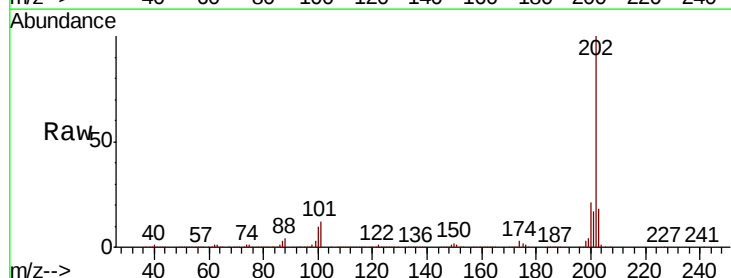
Tgt Ion:202 Resp: 1499616

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

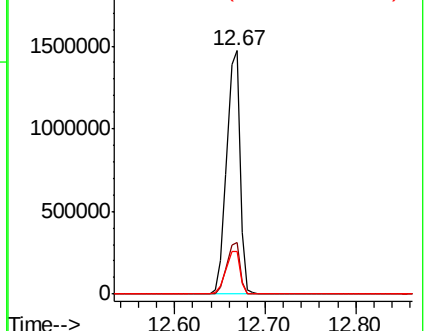
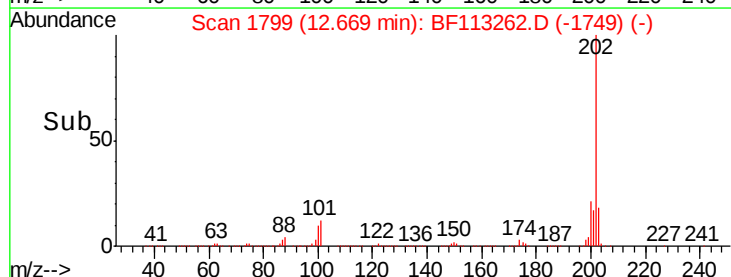
203 17.7 14.4 21.6

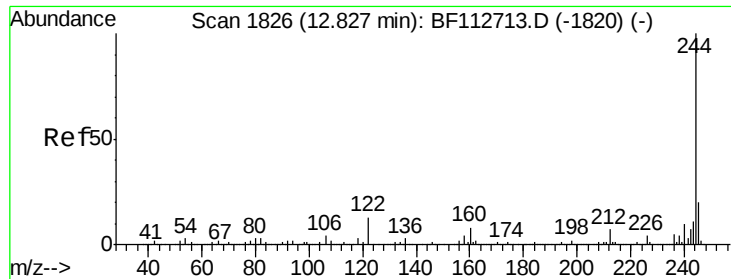


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.645 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

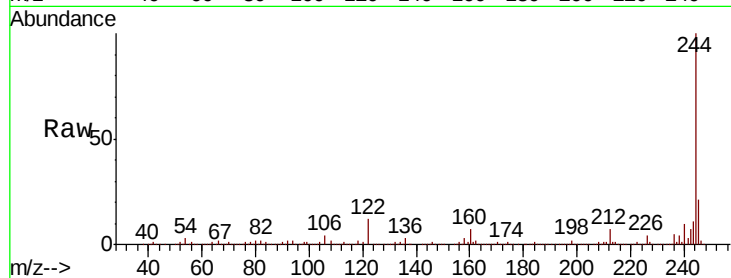
Tgt Ion:244 Resp: 1893683

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

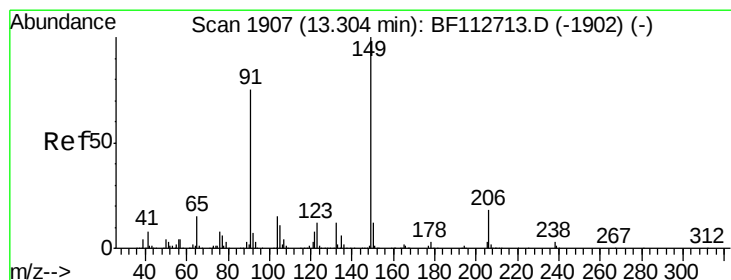
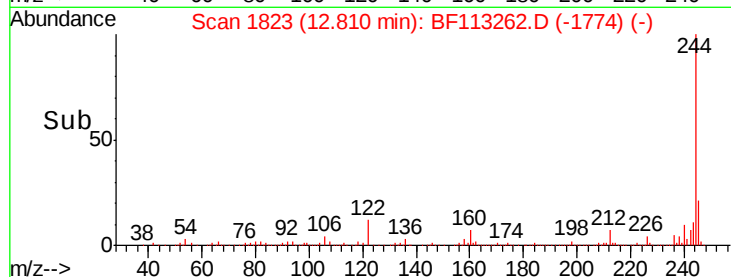
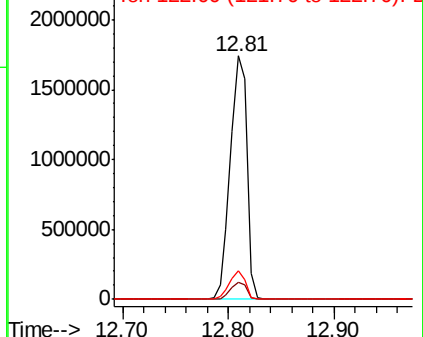
122 11.8 10.5 15.7



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: 40.265 ng

RT: 13.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

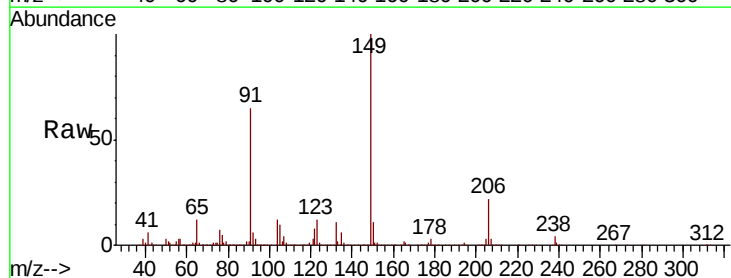
Tgt Ion:149 Resp: 699365

Ion Ratio Lower Upper

149 100

91 64.6 59.9 89.9

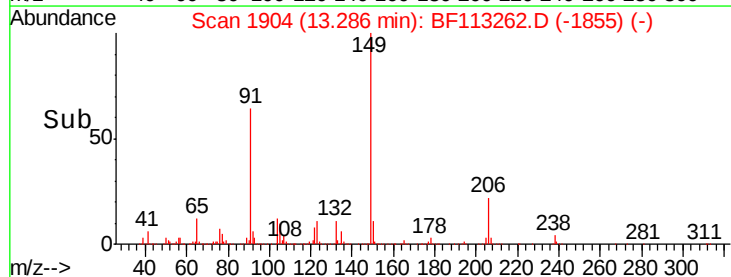
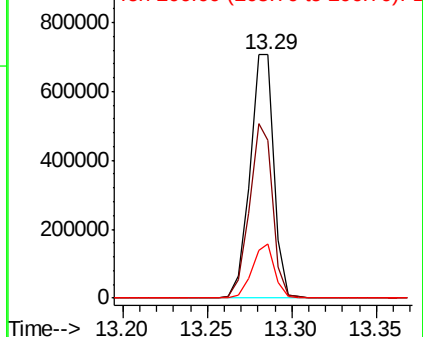
206 22.2 14.7 22.1#

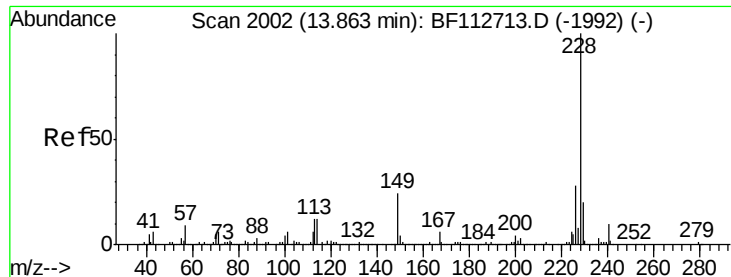


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.362 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

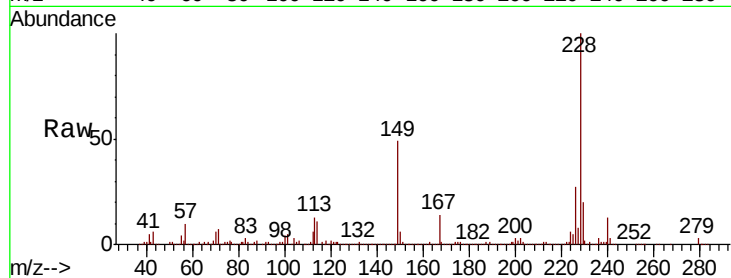
Tgt Ion:228 Resp: 1046909

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

229 20.1 16.0 24.0

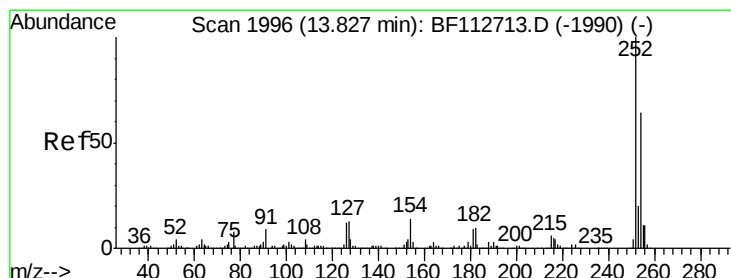
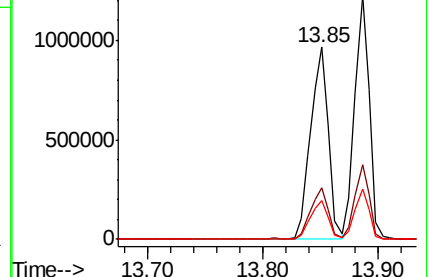
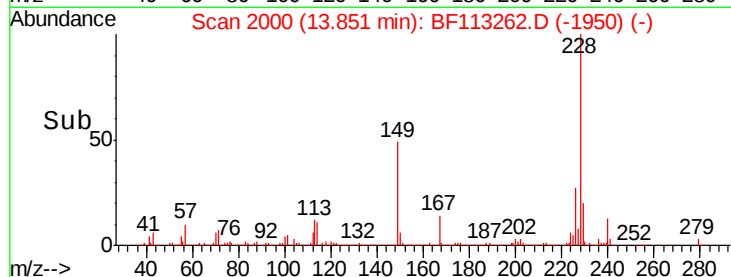


Abundance

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: 26.695 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

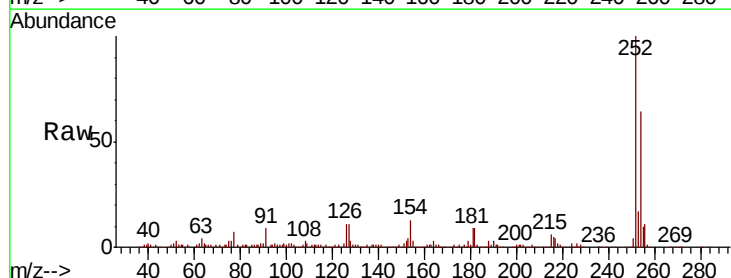
Tgt Ion:252 Resp: 326614

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

126 11.0 9.9 14.9

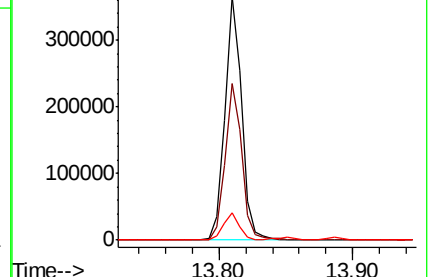
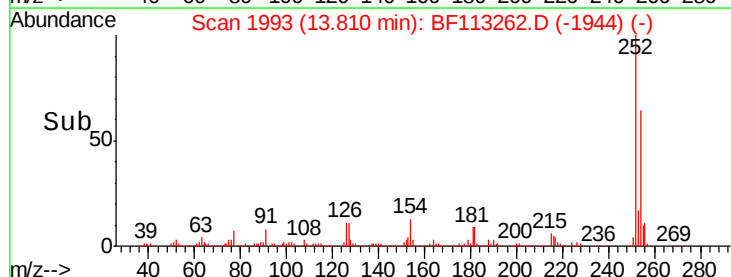


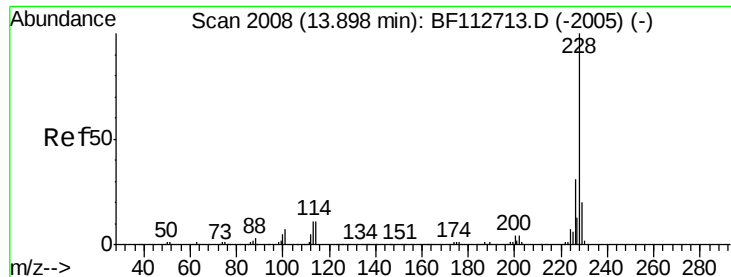
Abundance

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: 33.854 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

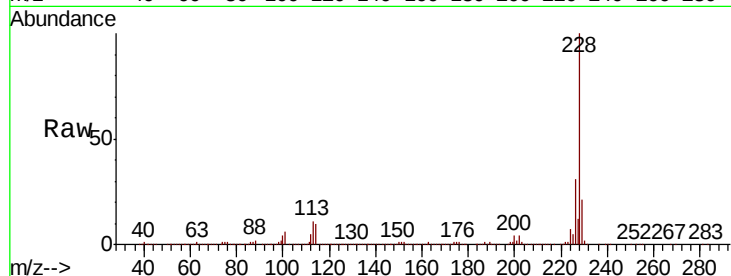
Tgt Ion:228 Resp: 1072778

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

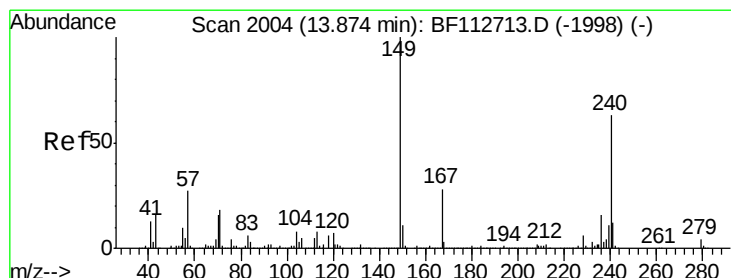
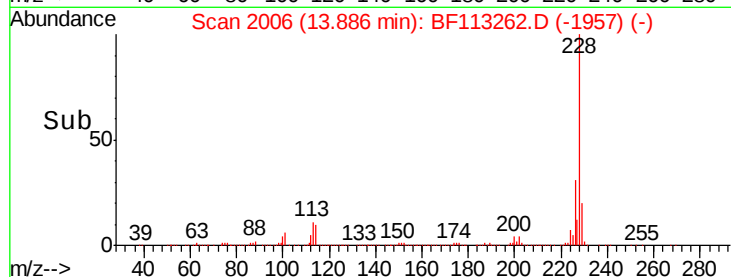
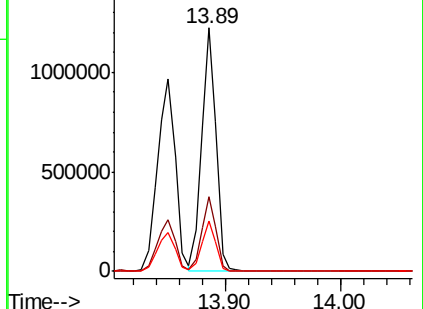
229 20.5 16.3 24.5



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: 38.384 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

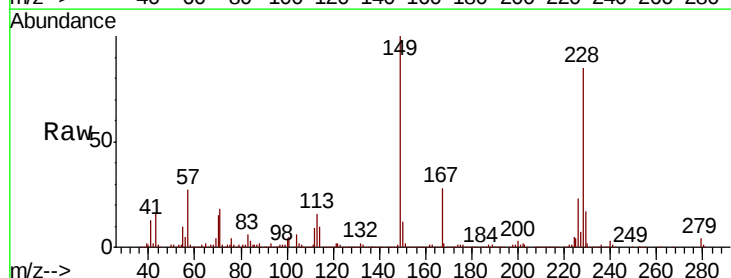
Tgt Ion:149 Resp: 782006

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

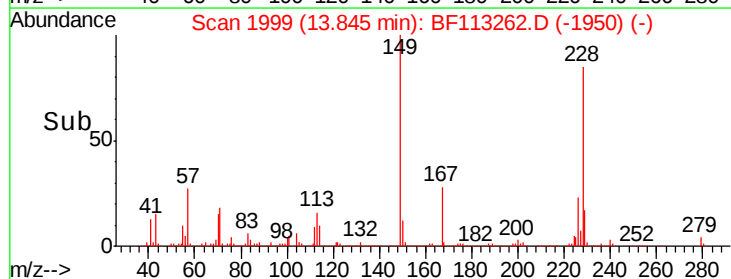
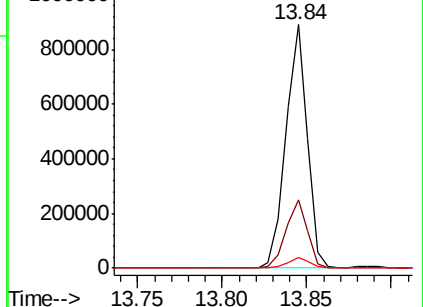
279 4.3 3.3 4.9

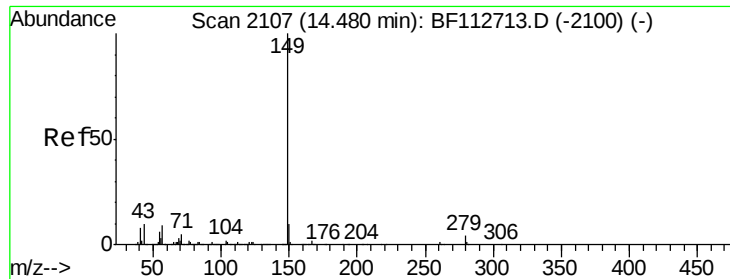


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.264 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

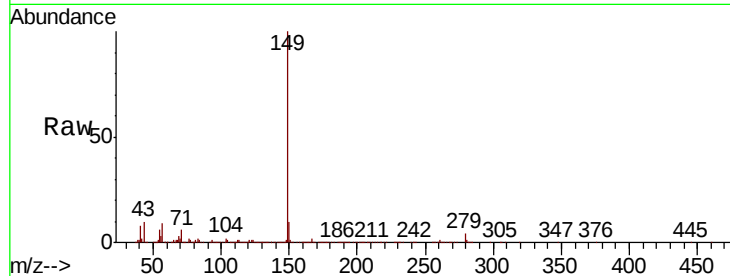
Tgt Ion:149 Resp: 1303624

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

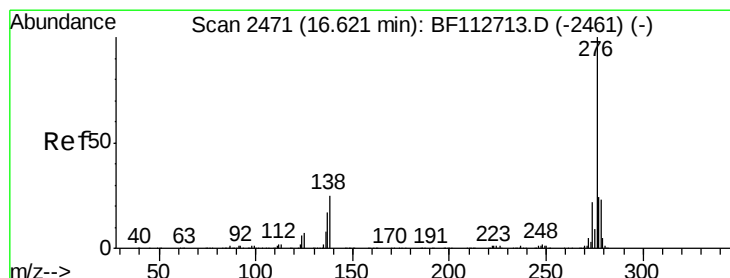
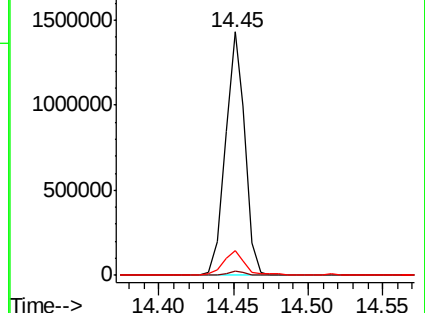
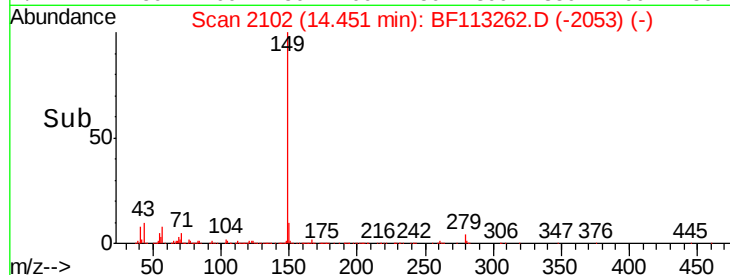
43 9.8 9.0 13.4



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: 47.881 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

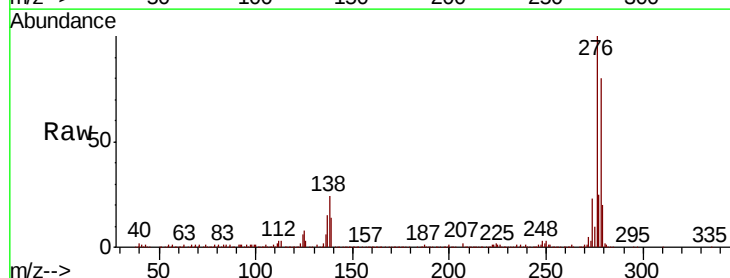
Tgt Ion:276 Resp: 1293502

Ion Ratio Lower Upper

276 100

138 23.7 23.2 34.8

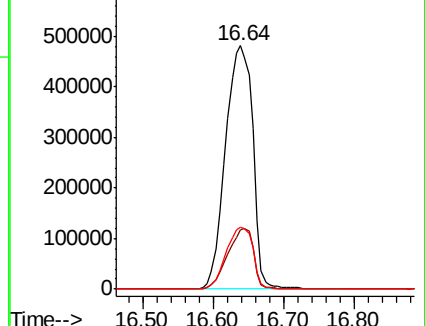
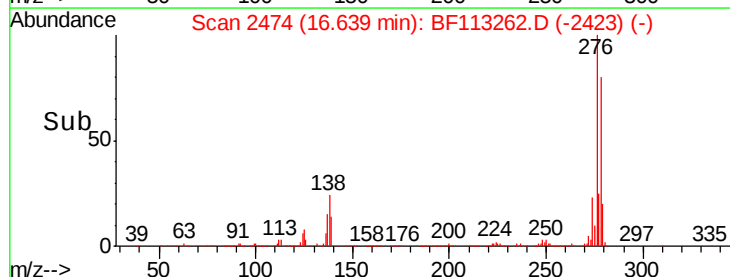
277 25.1 19.9 29.9

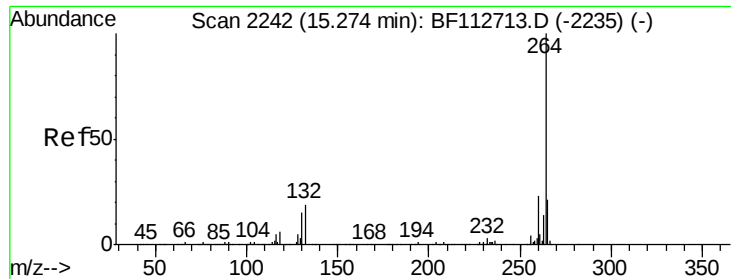


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

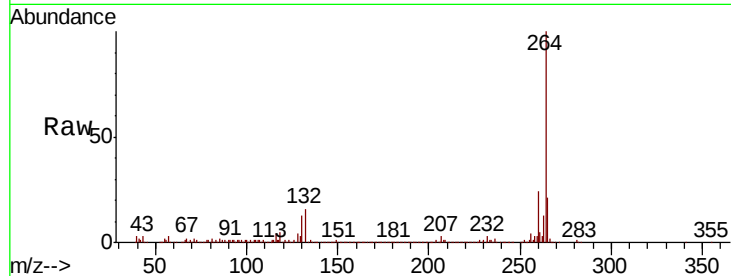
Tgt Ion:264 Resp: 406970

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

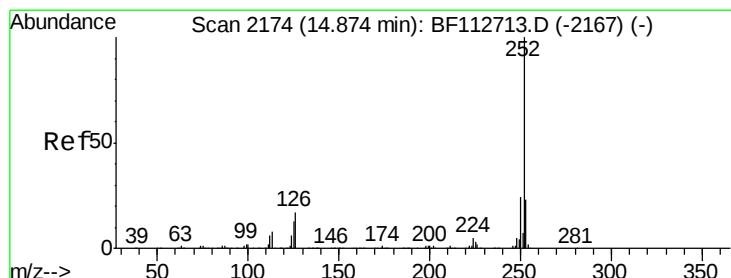
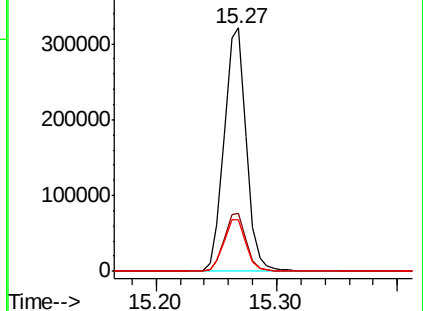
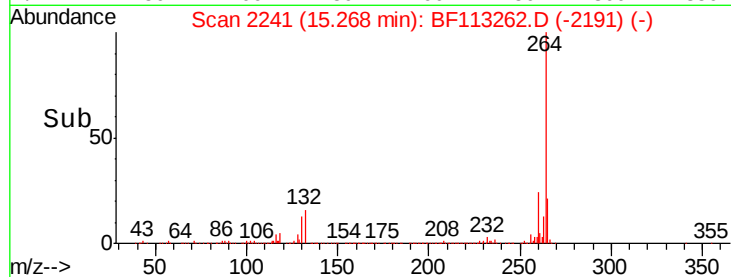
265 21.2 17.2 25.8



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: 43.655 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

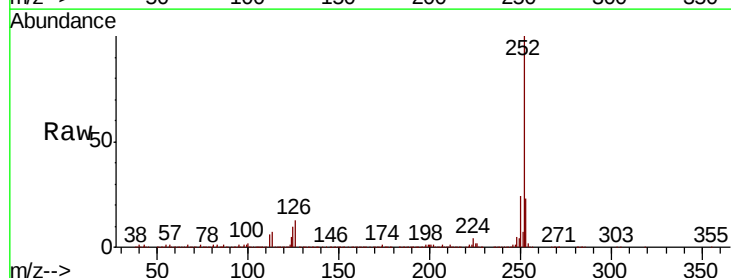
Tgt Ion:252 Resp: 1149180

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

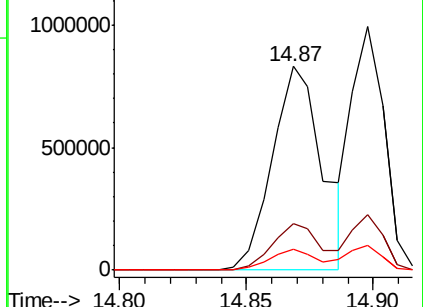
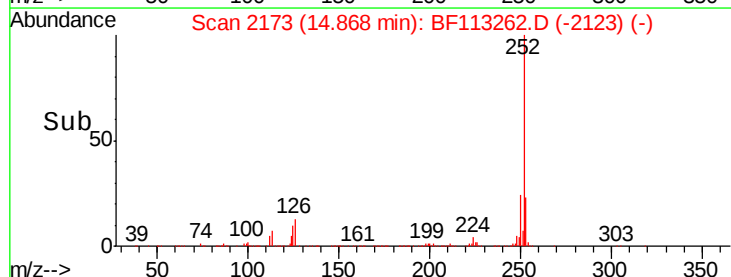
125 10.4 10.2 15.2

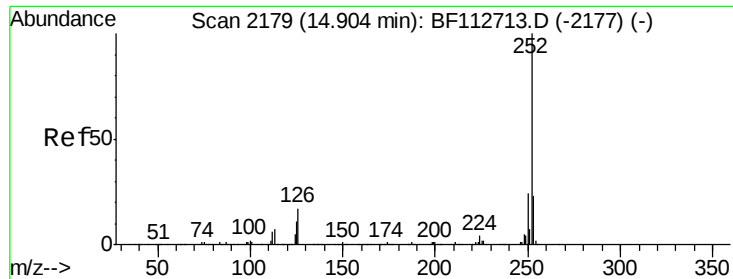


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

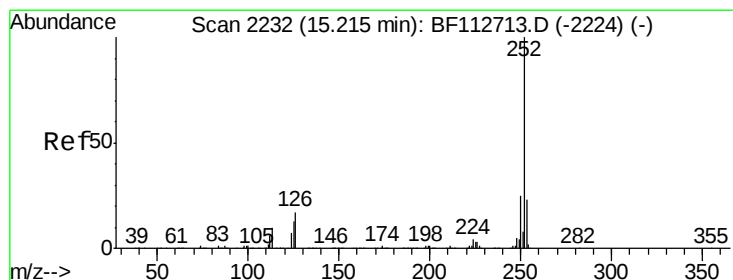
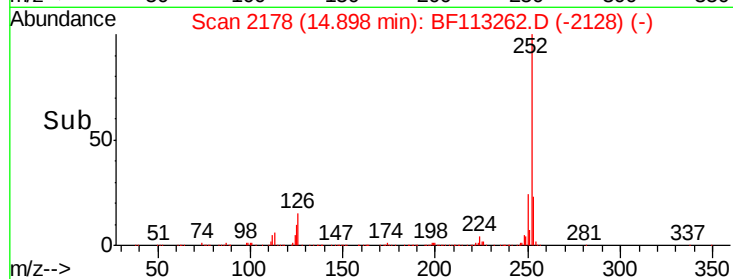
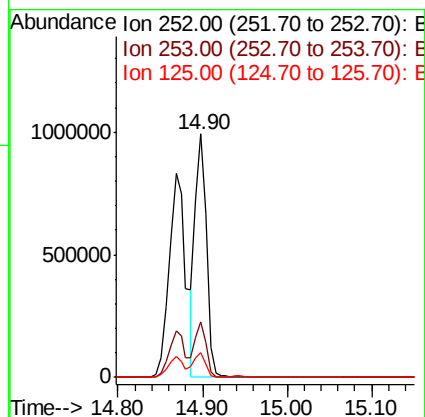
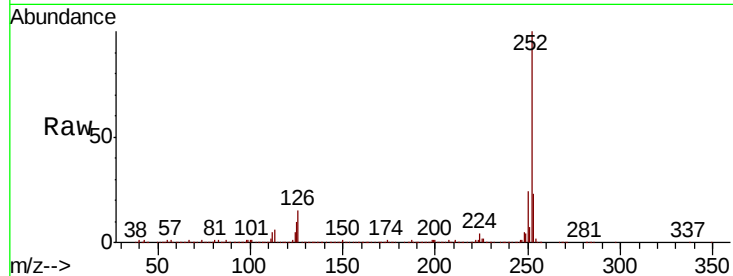




#89
Benzo(k)fluoranthene
Concen: 38.097 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

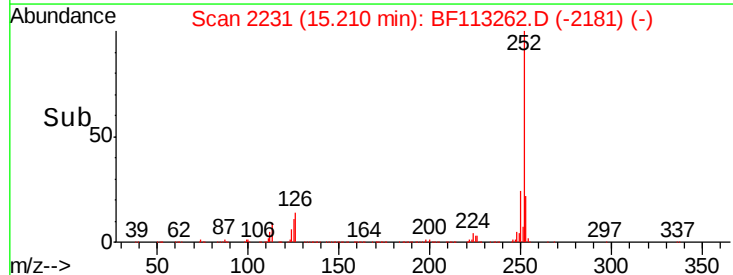
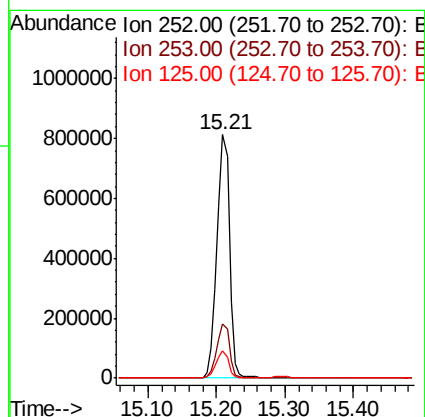
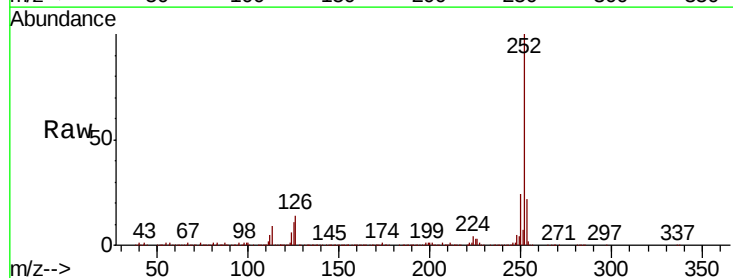
Instrument :
BNA_F
ClientSampleId :
PB118222BS

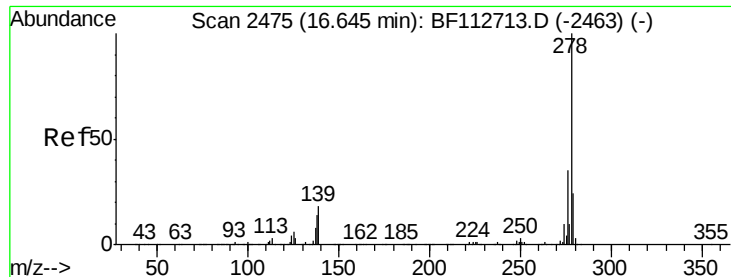
Tgt Ion:252 Resp: 908402
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.9 9.8 14.6



#90
Benzo(a)pyrene
Concen: 44.156 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113262.D
Acq: 24 Mar 2019 12:24

Tgt Ion:252 Resp: 1028133
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.1 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 54.254 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BF113262.D

Acq: 24 Mar 2019 12:24

Instrument :

BNA_F

ClientSampleId :

PB118222BS

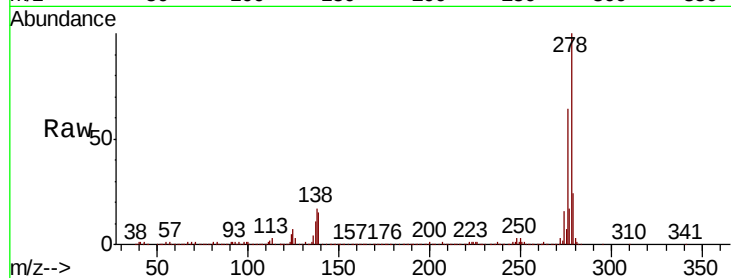
Tgt Ion:278 Resp: 1077954

Ion Ratio Lower Upper

278 100

139 15.4 14.3 21.5

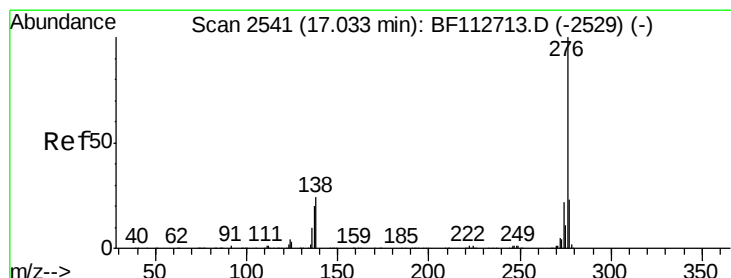
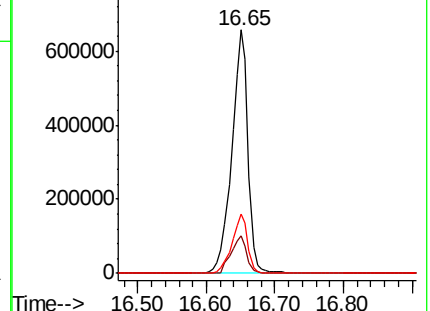
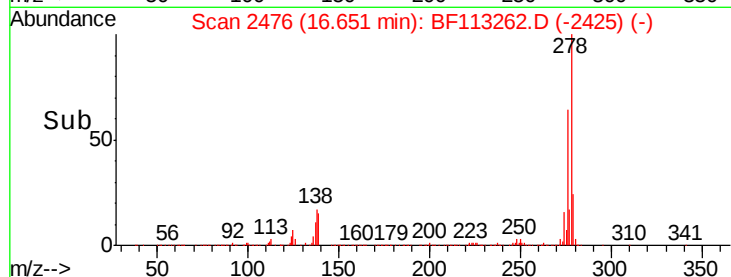
279 24.4 19.4 29.0



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: 56.607 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

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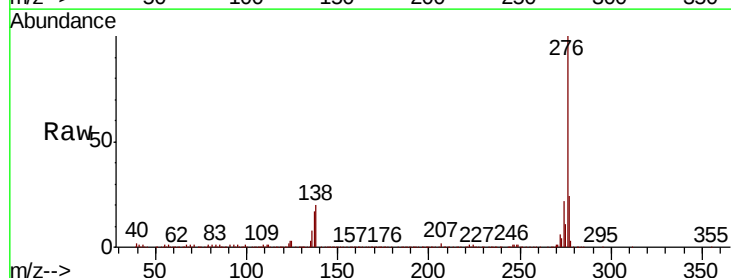
Tgt Ion:276 Resp: 1129345

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 20.1 19.4 29.0



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

