

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112368.D
 Acq On : 1 Feb 2019 22:55
 Operator : JU/SJ
 Sample : PB116745BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Quant Time: Feb 02 00:18:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	141327	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	504121	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	222421	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	345683	20.00	ng	0.00
76) Chrysene-d12	14.00	240	296618	20.00	ng	0.00
87) Perylene-d12	15.47	264	313305	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	715800	107.58	ng	0.00
7) Phenol-d6	6.49	99	869720	94.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	810337	92.62	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	217153	83.88	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1605145	102.07	ng	-0.01
79) Terphenyl-d14	12.94	244	1108365	70.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	133603	50.406	ng	95
3) Pyridine	3.42	79	346074	51.329	ng	99
4) n-Nitrosodimethylamine	3.37	42	173226	61.153	ng	92
6) Aniline	6.50	93	178486	16.229	ng	# 1
8) 2-Chlorophenol	6.63	128	424033	47.374	ng	100
9) Benzaldehyde	6.39	77	250450	51.827	ng	99
10) Phenol	6.50	94	462589	45.605	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	367407	46.008	ng	99
12) 1,3-Dichlorobenzene	6.78	146	469139	45.005	ng	98
13) 1,4-Dichlorobenzene	6.86	146	471060	43.909	ng	99
14) 1,2-Dichlorobenzene	7.01	146	445626	44.365	ng	97
15) Benzyl Alcohol	6.99	79	338027	43.372	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	462820	45.138	ng	# 37
17) 2-Methylphenol	7.10	107	318698	44.915	ng	# 91
18) Hexachloroethane	7.35	117	158848	42.165	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	277817	43.578	ng	99
20) 3+4-Methylphenols	7.26	107	418308	46.102	ng	# 70
22) Acetophenone	7.25	105	565527	46.070	ng	93
24) Nitrobenzene	7.42	77	407680	46.657	ng	98
25) Isophorone	7.66	82	722166	52.615	ng	97
26) 2-Nitrophenol	7.74	139	219098	46.920	ng	97
27) 2,4-Dimethylphenol	7.78	122	352097	54.728	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	464341	49.684	ng	99
29) 2,4-Dichlorophenol	7.99	162	347814	48.310	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	393747	47.578	ng	99
31) Naphthalene	8.15	128	1171616	49.698	ng	99
32) Benzoic acid	7.92	122	148183	40.378	ng	96
33) 4-Chloroaniline	8.19	127	83487	8.133	ng	97
34) Hexachlorobutadiene	8.26	225	224341	46.195	ng	100
35) Caprolactam	8.56	113	99717	39.261	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	333011	43.692	ng	96
37) 2-Methylnaphthalene	8.83	142	806021	49.943	ng	96
38) 1-Methylnaphthalene	8.93	142	757012	48.938	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	369711	50.625	ng	99

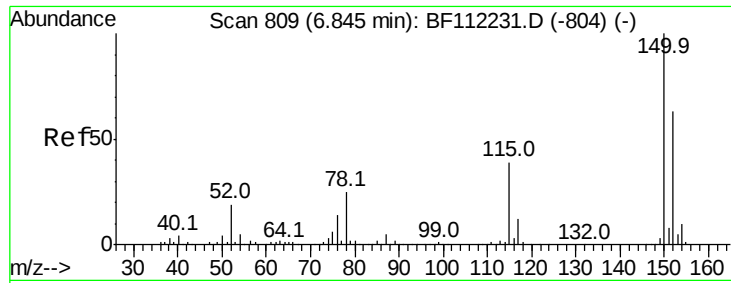
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	66678	30.733	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	230280	51.155	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	227855	48.431	ng	99
46) 1,1'-Biphenyl	9.30	154	975857	50.186	ng	98
47) 2-Chloronaphthalene	9.32	162	732070	48.549	ng	96
48) 2-Nitroaniline	9.42	65	188949	45.974	ng	92
49) Acenaphthylene	9.74	152	1116382	50.512	ng	99
50) Dimethylphthalate	9.59	163	873156	50.527	ng	100
51) 2,6-Dinitrotoluene	9.66	165	178821	46.204	ng	97
52) Acenaphthene	9.91	154	638814	48.385	ng	100
53) 3-Nitroaniline	9.83	138	64637	15.416	ng	94
54) 2,4-Dinitrophenol	9.95	184	40769	32.823	ng	97
55) Dibenzofuran	10.08	168	950321	47.102	ng	95
56) 4-Nitrophenol	10.02	139	166011	74.888	ng	91
57) 2,4-Dinitrotoluene	10.07	165	216792	43.999	ng	# 84
58) Fluorene	10.43	166	742803	49.199	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	172916	48.635	ng	98
60) Diethylphthalate	10.29	149	838730	48.907	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	375310	45.698	ng	92
62) 4-Nitroaniline	10.45	138	142667	34.689	ng	98
63) Azobenzene	10.57	77	680845	45.141	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	43505	22.447	ng	97
66) n-Nitrosodiphenylamine	10.53	169	643004	55.191	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	217300	53.447	ng	91
68) Hexachlorobenzene	10.98	284	218567	50.107	ng	97
69) Atrazine	11.06	200	203252	54.067	ng	98
70) Pentachlorophenol	11.17	266	143851	84.753	ng	99
71) Phenanthrene	11.39	178	921776	51.291	ng	98
72) Anthracene	11.44	178	951709	53.162	ng	99
73) Carbazole	11.59	167	808950	45.810	ng	99
74) Di-n-butylphthalate	11.92	149	1124750	51.314	ng	98
75) Fluoranthene	12.57	202	876487	45.471	ng	99
77) Benzidine	12.69	184	436777	53.501	ng	95
78) Pyrene	12.80	202	889592	43.318	ng	99
80) Butylbenzylphthalate	13.41	149	412896	41.557	ng	95
81) Benzo(a)anthracene	13.99	228	887637	50.906	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	285198	43.704	ng	99
83) Chrysene	14.03	228	856280	51.446	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	589384	41.790	ng	98
85) Di-n-octyl phthalate	14.58	149	1049233	48.354	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	800670	60.709	ng	97
88) Benzo(b)fluoranthene	15.04	252	917833	48.985	ng	99
89) Benzo(k)fluoranthene	15.07	252	941333	52.449	ng	98
90) Benzo(a)pyrene	15.42	252	893599	53.003	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	697987	51.369	ng	99
92) Benzo(g,h,i)perylene	17.40	276	617924	48.202	ng	96

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

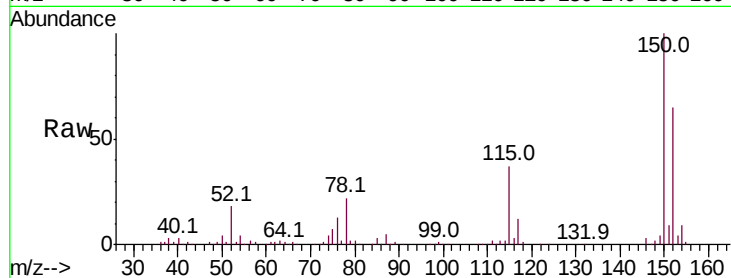


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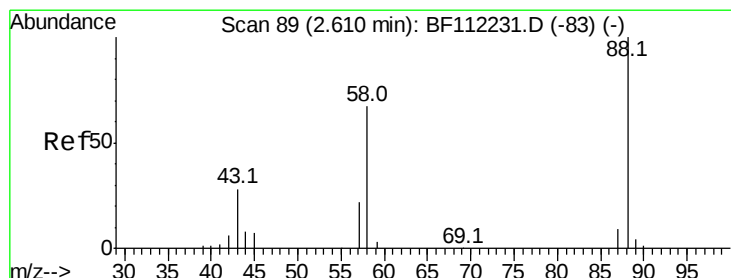
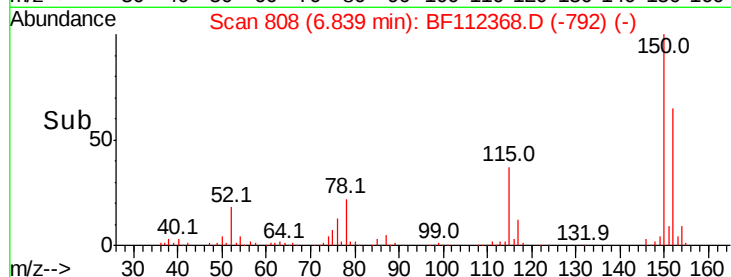
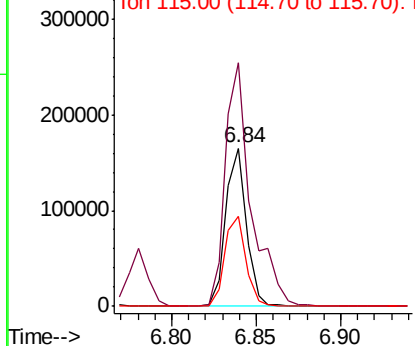
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:152 Resp: 141327
Ion Ratio Lower Upper
152 100
150 153.7 127.4 191.0
115 57.0 45.5 68.3



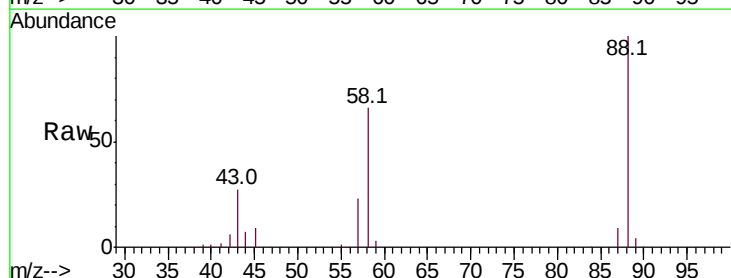
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



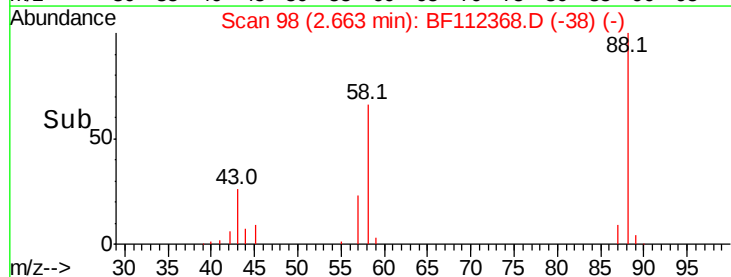
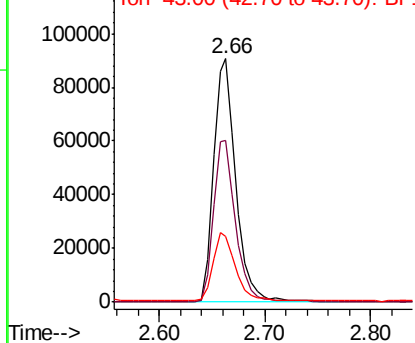
#2

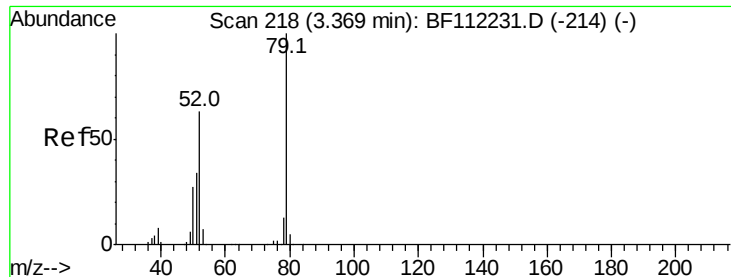
1,4-Dioxane
Concen: 50.406 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion: 88 Resp: 133603
Ion Ratio Lower Upper
88 100
58 66.8 57.4 86.2
43 28.5 22.2 33.4



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





#3

Pvridine

Concen: 51.329 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.05 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

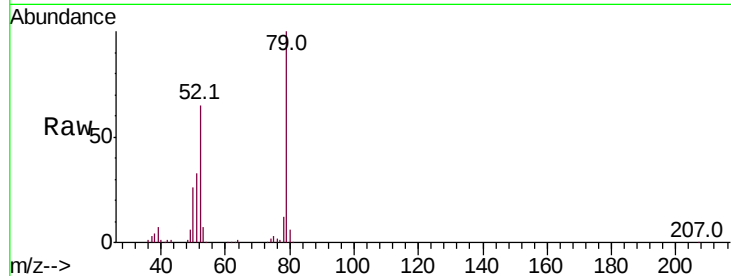
Tot Ion: 79 Resp: 346074

Ion Ratio Lower Upper

79 100

52 64.8 52.4 78.6

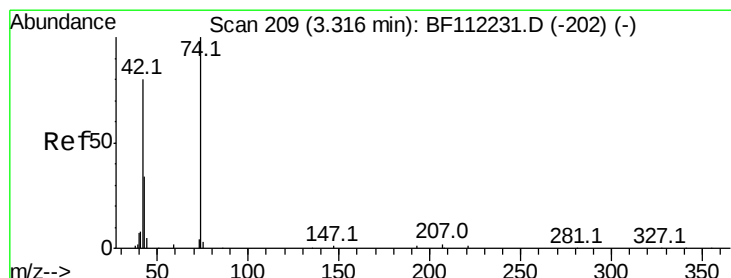
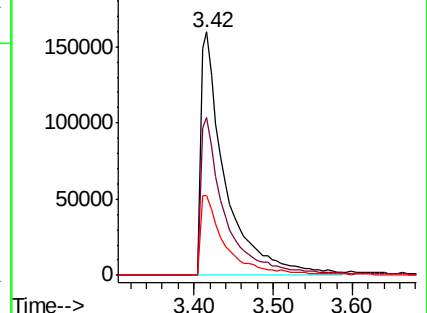
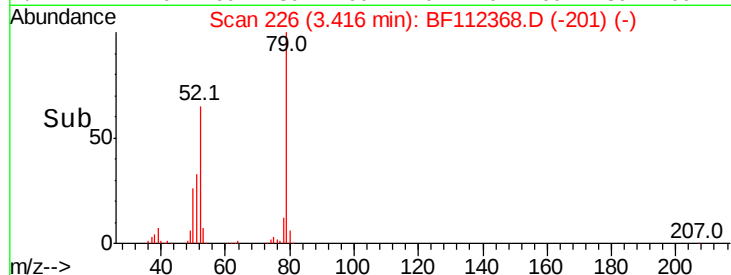
51 32.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 61.153 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.05 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

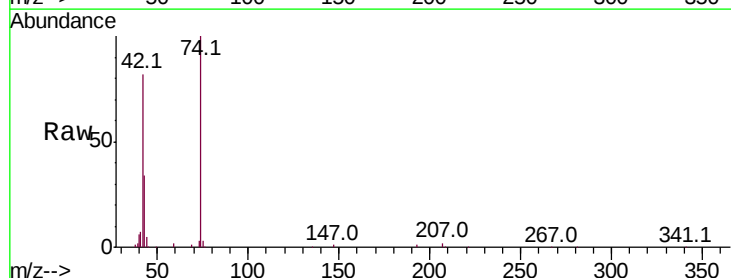
Tgt Ion: 42 Resp: 173226

Ion Ratio Lower Upper

42 100

74 122.7 105.6 158.4

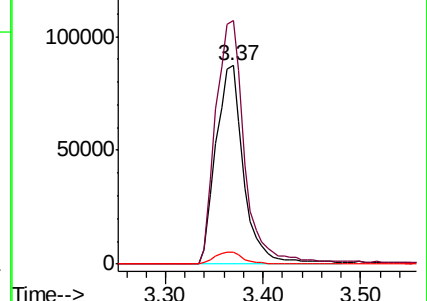
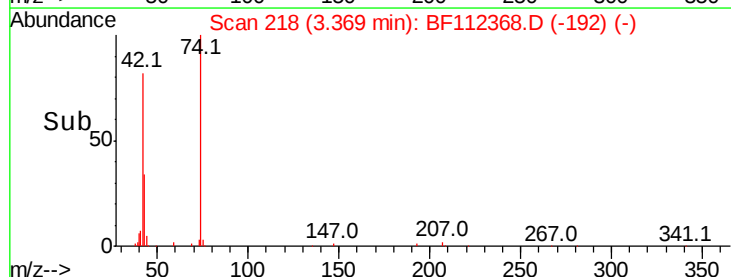
44 5.9 5.4 8.2

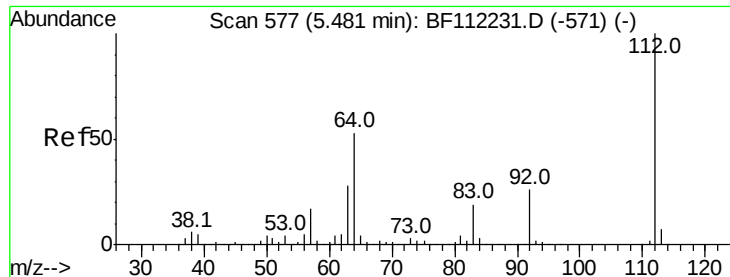


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.581 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

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ClientSampleId :

PB116745BS

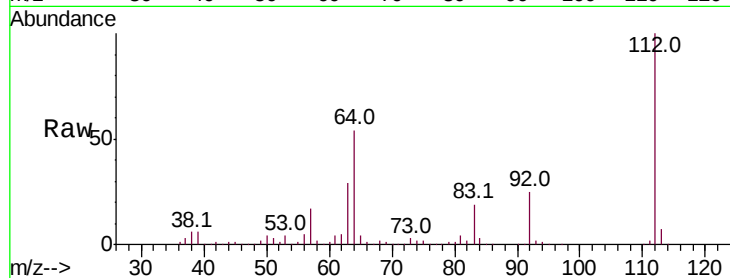
Tot Ion: 112 Resp: 715800

Ion Ratio Lower Upper

112 100

64 54.3 45.7 68.5

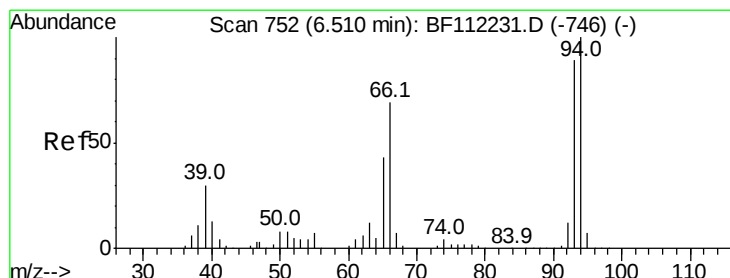
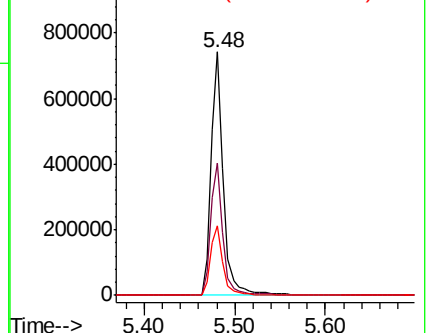
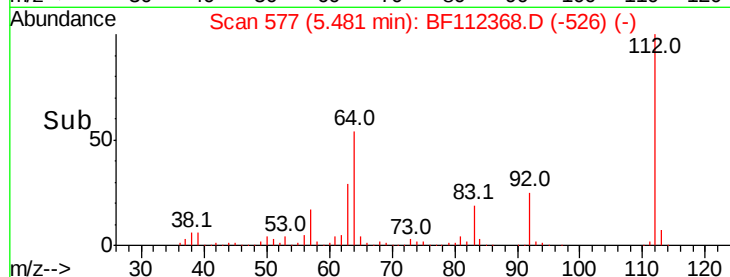
63 28.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.229 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

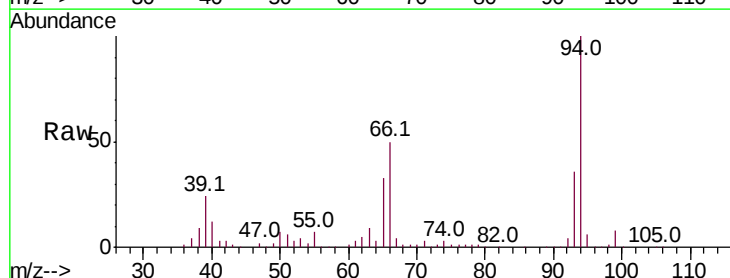
Tgt Ion: 93 Resp: 178486

Ion Ratio Lower Upper

93 100

66 137.3 43.4 65.2#

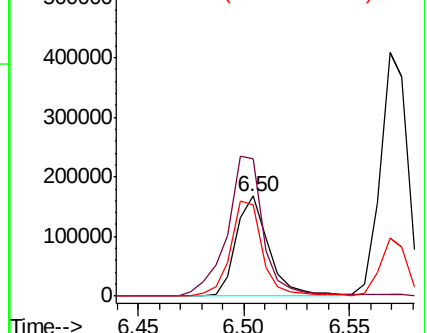
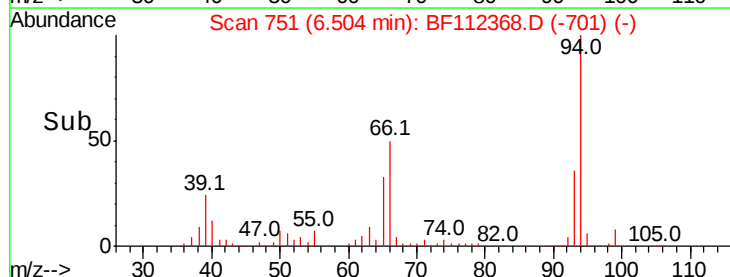
65 90.8 25.3 37.9#

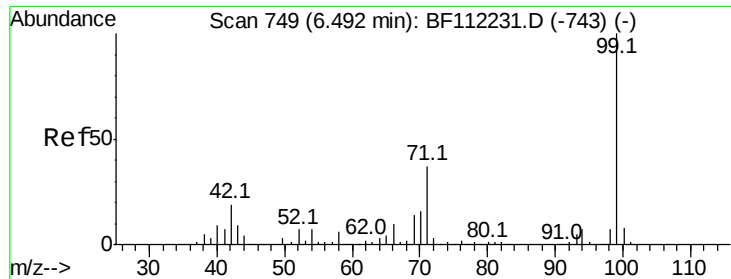


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.069 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

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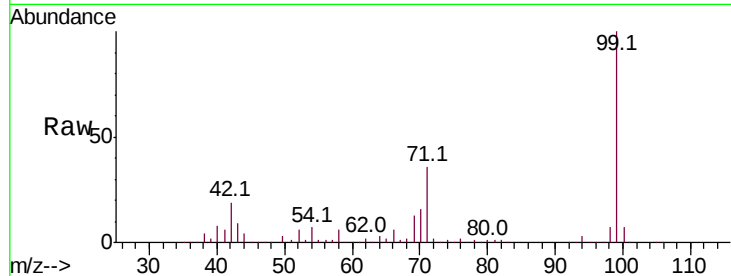
Tot Ion: 99 Resp: 869720

Ion Ratio Lower Upper

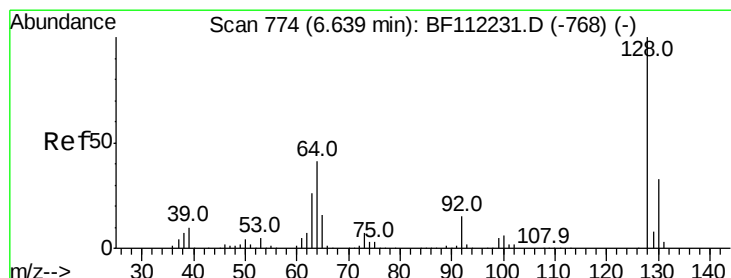
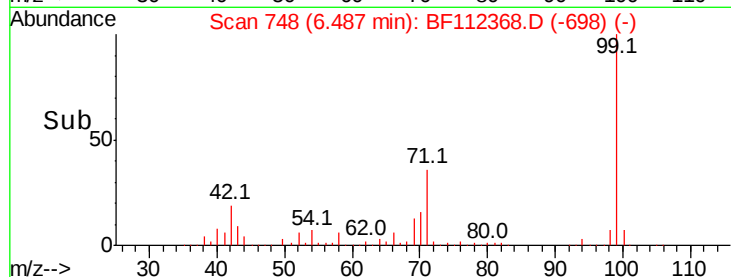
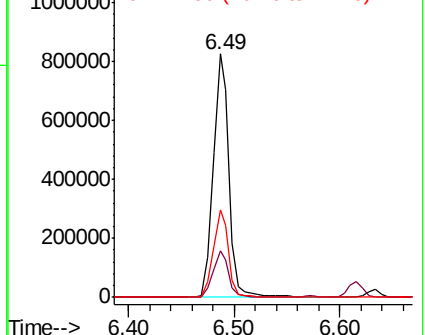
99 100

42 18.9 15.1 22.7

71 36.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.374 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

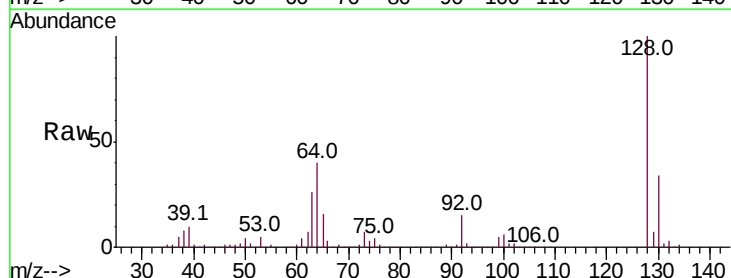
Tgt Ion: 128 Resp: 424033

Ion Ratio Lower Upper

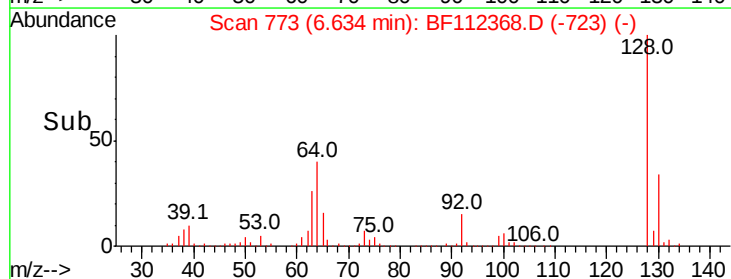
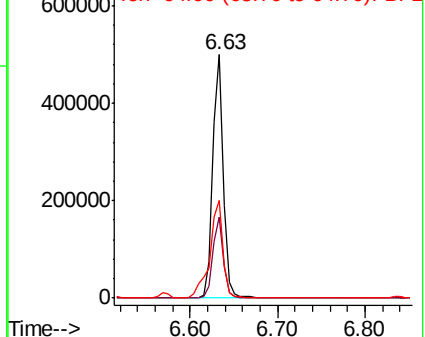
128 100

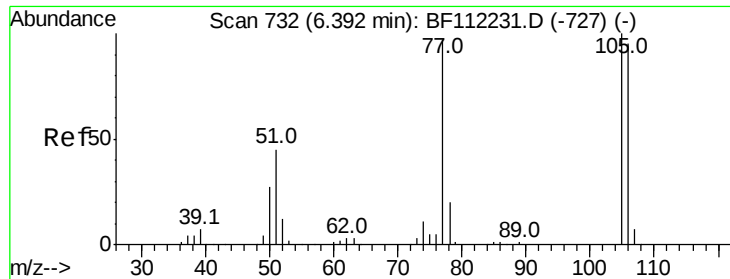
130 33.5 13.4 53.4

64 40.3 20.5 60.5



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





#9

Benzaldehyde

Concen: 51.827 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

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PB116745BS

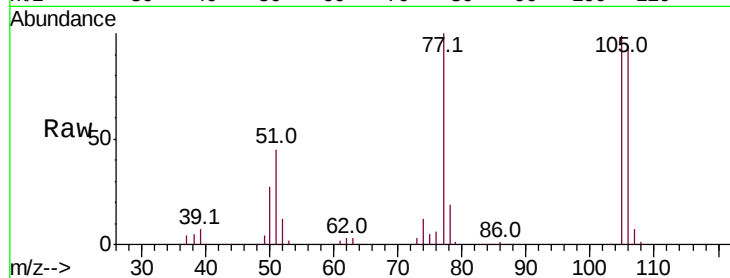
Tot Ion: 77 Resp: 250450

Ion Ratio Lower Upper

77 100

105 99.4 80.8 120.8

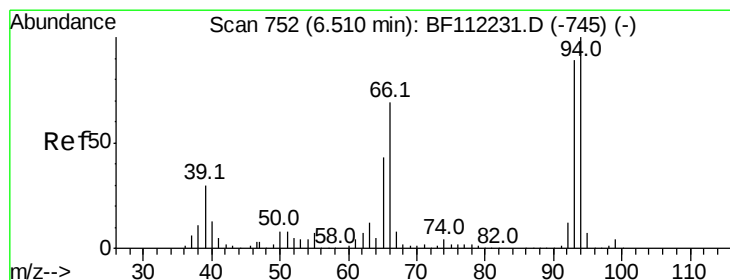
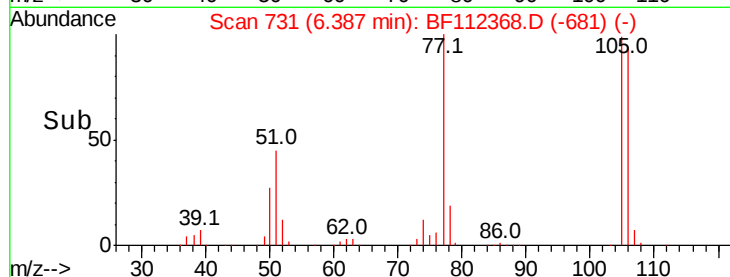
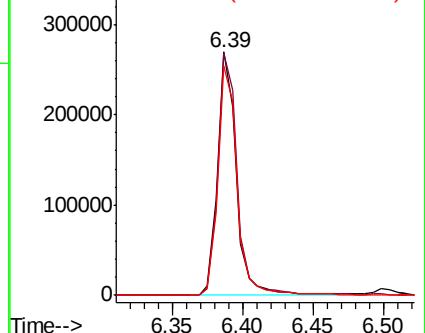
106 94.2 75.7 115.7



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: 45.605 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

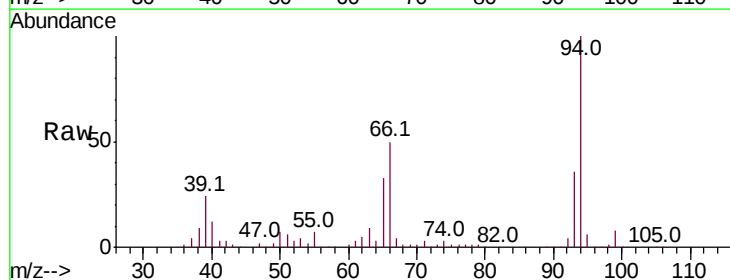
Tgt Ion: 94 Resp: 462589

Ion Ratio Lower Upper

94 100

65 32.8 20.3 60.3

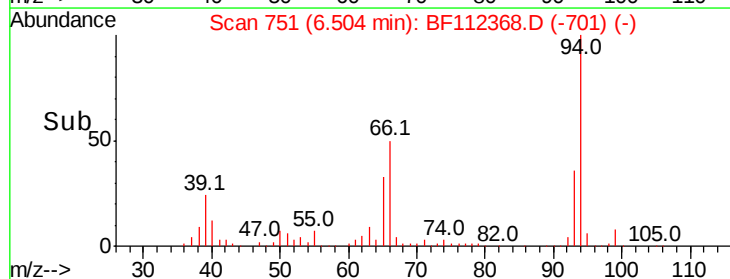
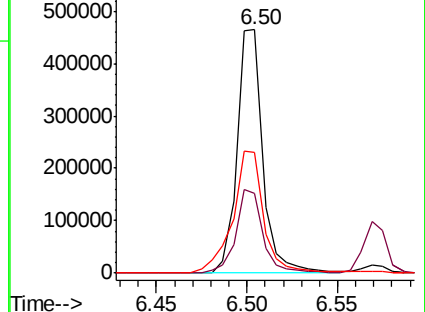
66 49.5 42.4 82.4

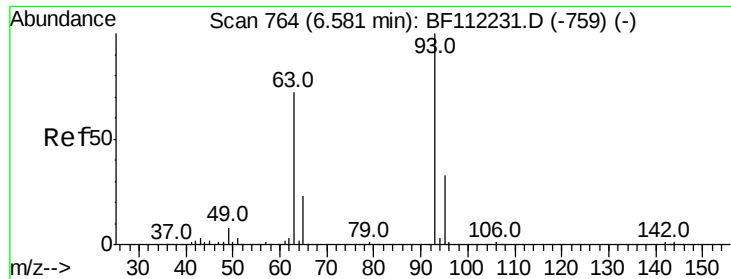


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.008 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

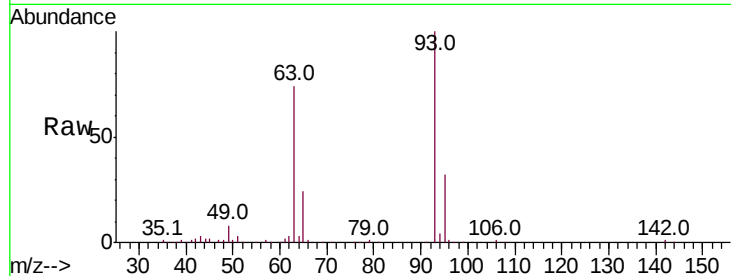
Tot Ion: 93 Resp: 367407

Ion Ratio Lower Upper

93 100

63 74.1 53.3 93.3

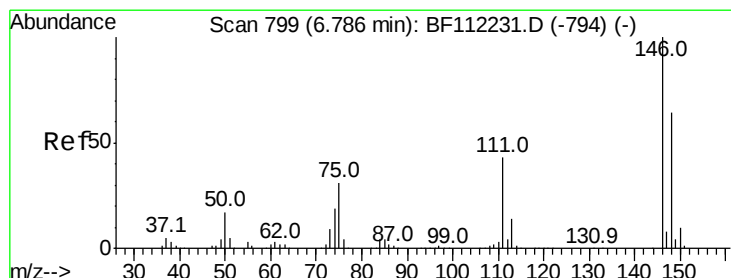
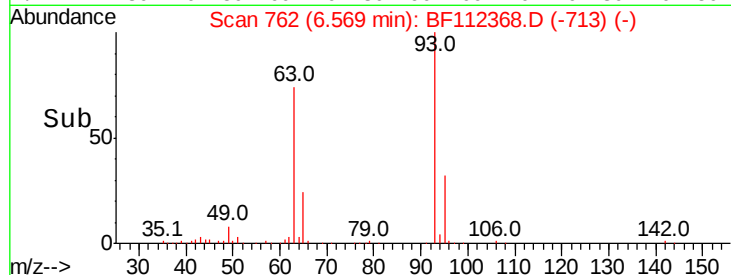
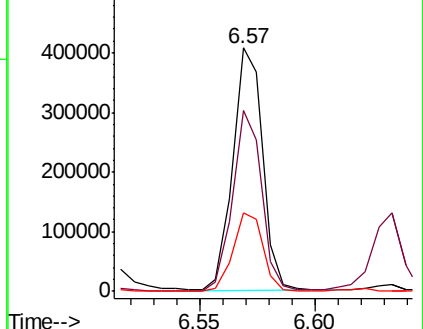
95 32.4 13.4 53.4



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: 45.005 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

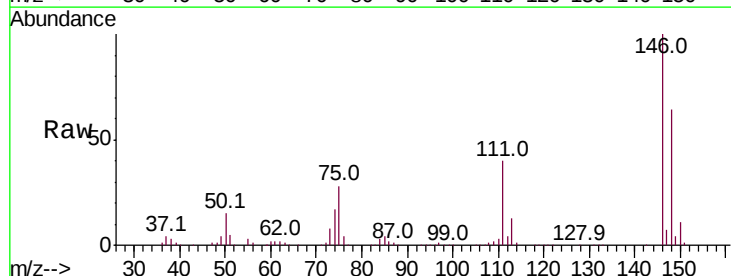
Tgt Ion: 146 Resp: 469139

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

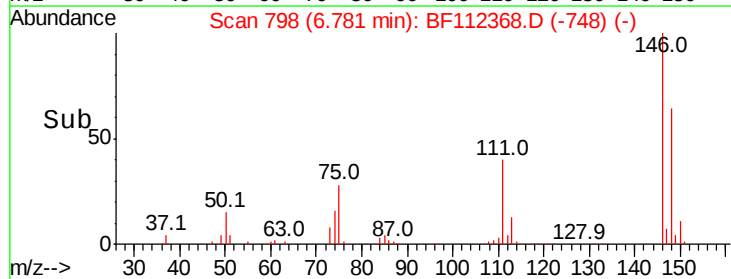
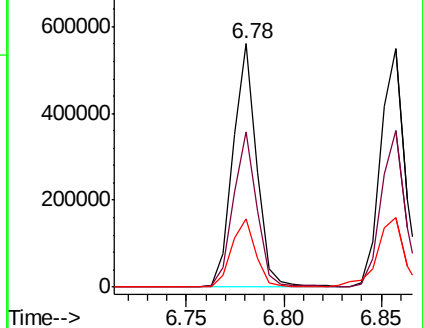
75 27.9 23.1 34.7

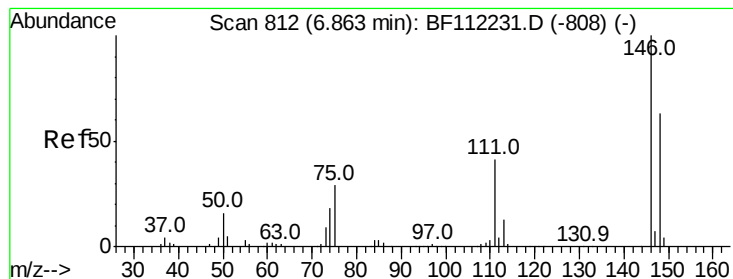


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.909 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

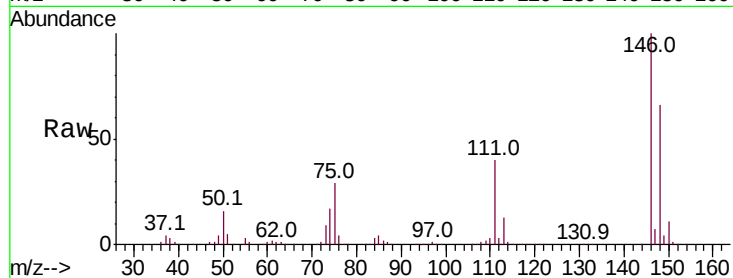
Tot Ion:146 Resp: 471060

Ion Ratio Lower Upper

146 100

148 65.6 52.0 78.0

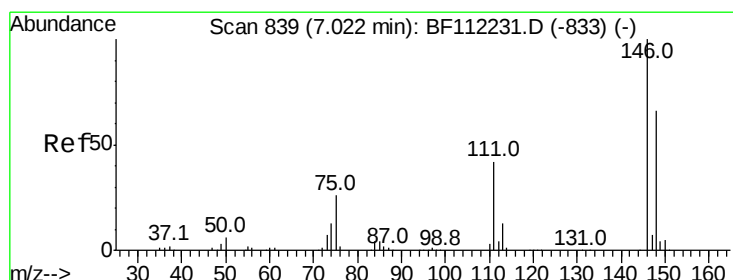
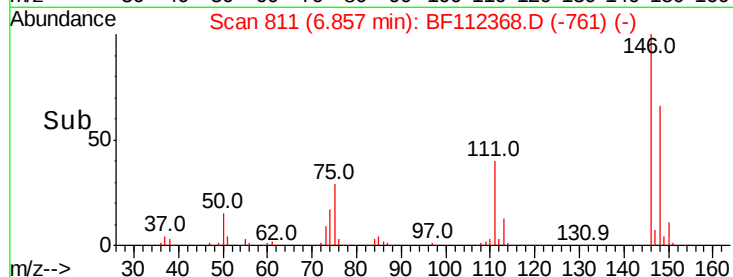
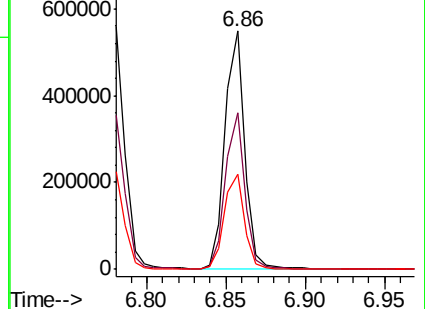
111 40.0 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.365 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

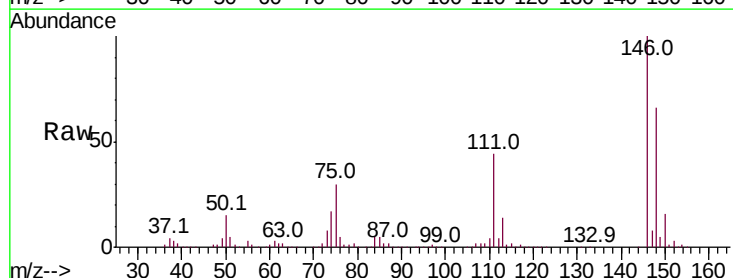
Tgt Ion:146 Resp: 445626

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.4

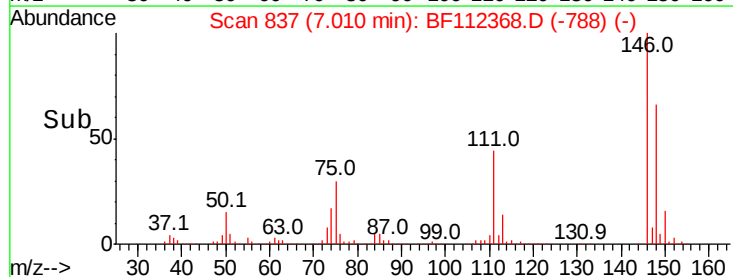
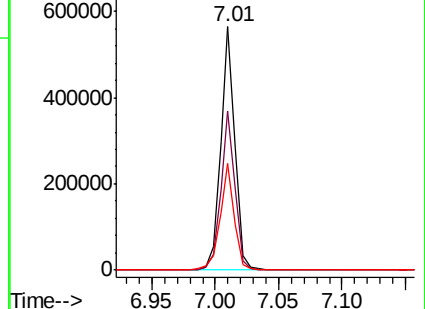
111 44.0 31.2 46.8

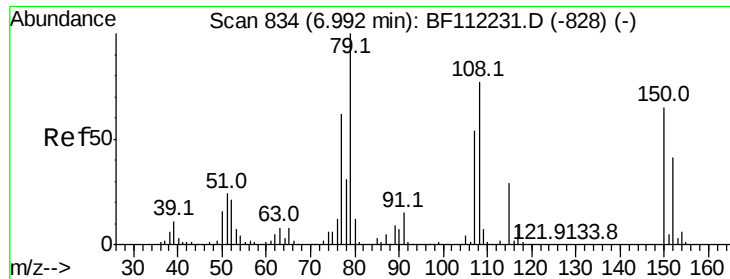


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

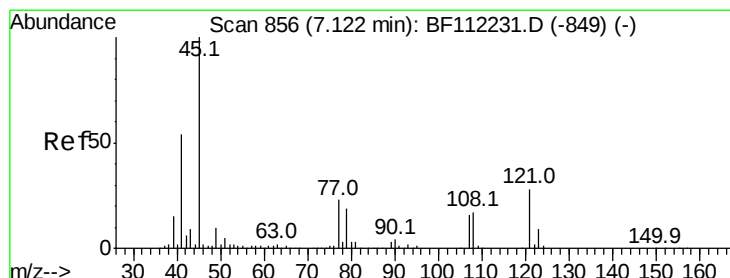
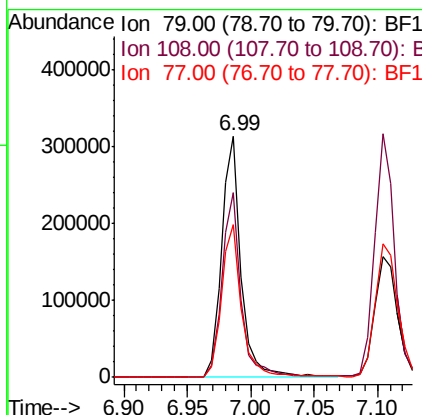
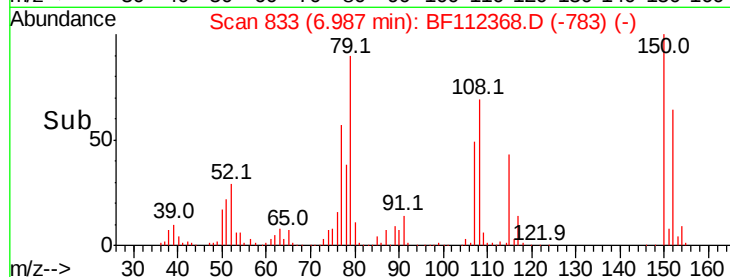
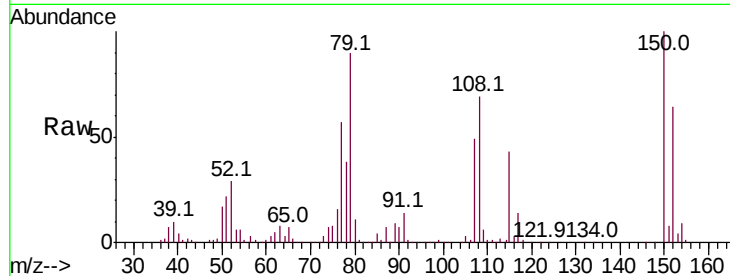




#15
Benzyl Alcohol
Concen: 43.372 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

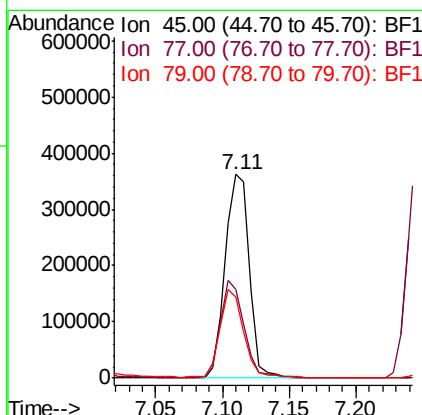
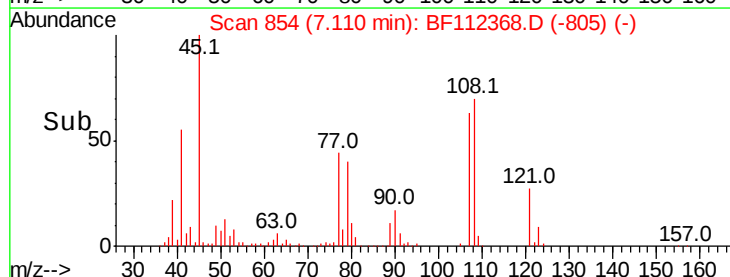
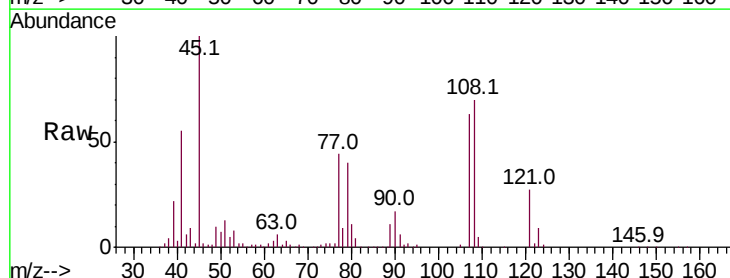
Instrument :
BNA_F
ClientSampleId :
PB116745BS

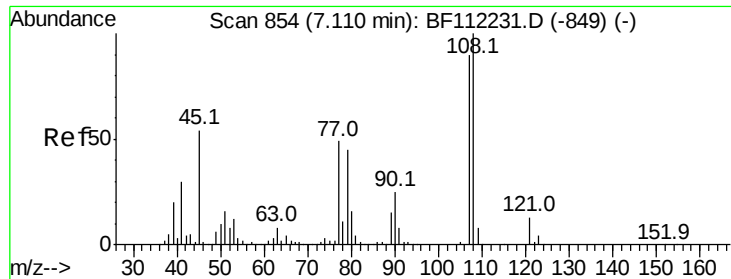
Tot Ion: 79 Resp: 338027
Ion Ratio Lower Upper
79 100
108 76.8 64.2 96.2
77 63.6 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.138 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion: 45 Resp: 462820
Ion Ratio Lower Upper
45 100
77 43.9 0.0 36.9#
79 39.8 0.0 34.0#

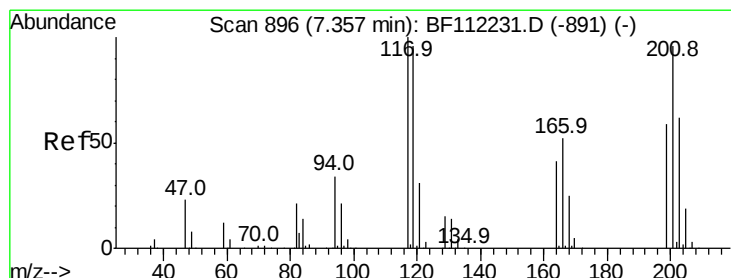
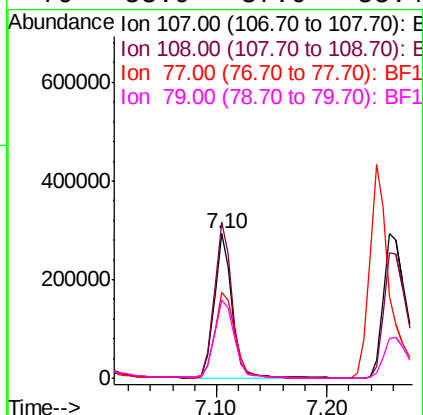
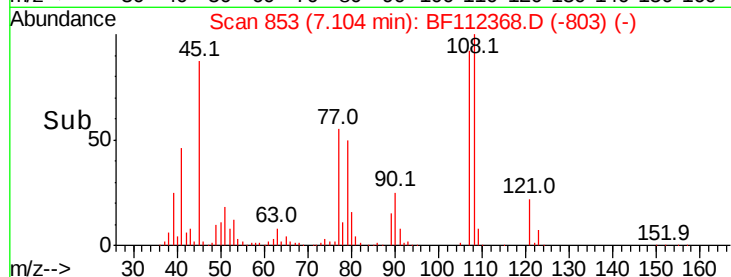
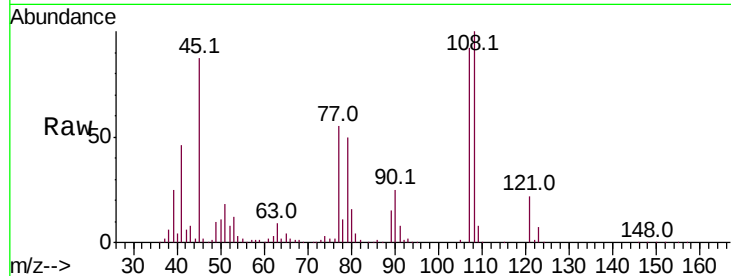




#17
2-Methylphenol
Concen: 44.915 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

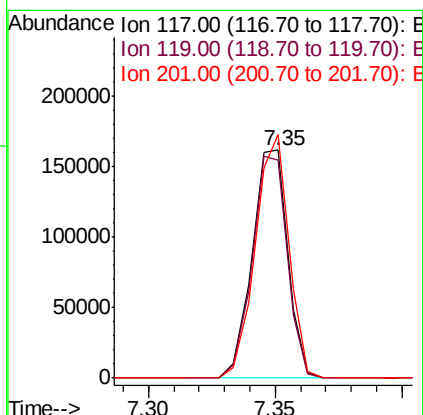
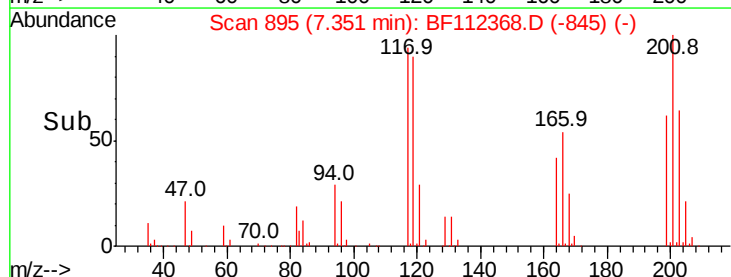
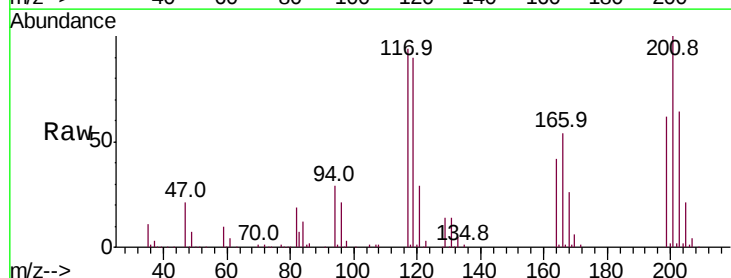
Instrument :
BNA_F
ClientSampleId :
PB116745BS

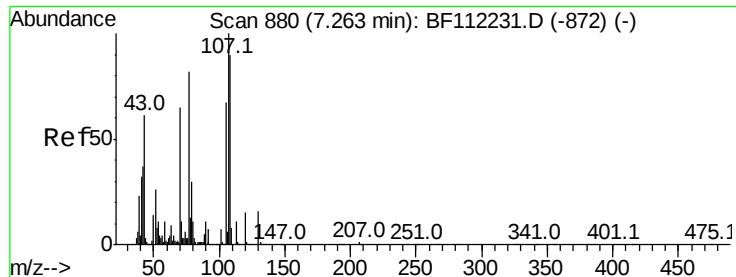
Tot Ion:107 Resp: 318698
Ion Ratio Lower Upper
107 100
108 108.4 91.3 136.9
77 59.7 39.0 58.6#
79 53.9 37.0 55.4



#18
Hexachloroethane
Concen: 42.165 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:117 Resp: 158848
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4
201 106.9 74.1 111.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.578 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion: 70 Resp: 277817

Ion Ratio Lower Upper

70 100

42 58.7 47.6 71.4

101 9.8 7.9 11.9

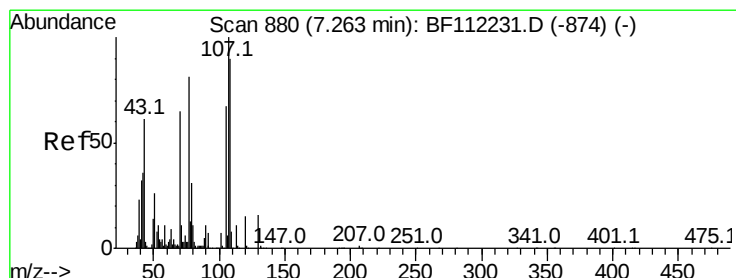
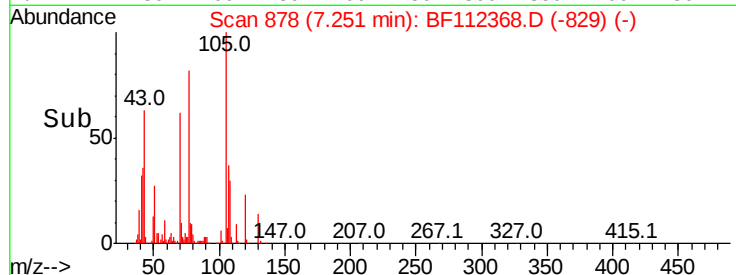
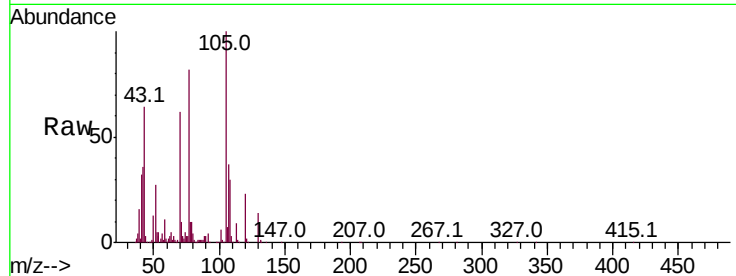
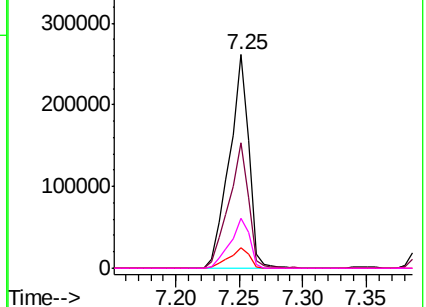
130 23.1 18.4 27.6

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): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.102 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Tgt Ion:107 Resp: 418308

Ion Ratio Lower Upper

107 100

108 87.0 68.2 108.2

77 57.0 100.7 140.7#

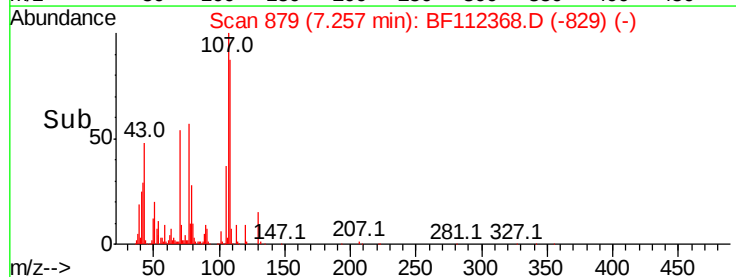
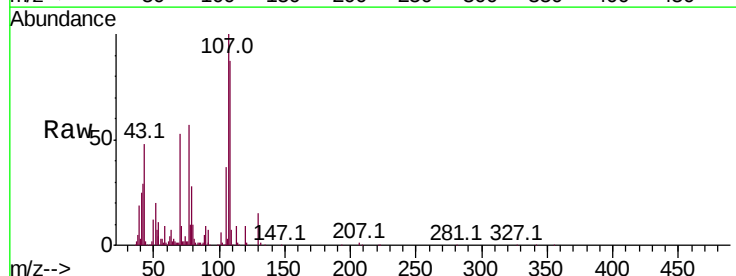
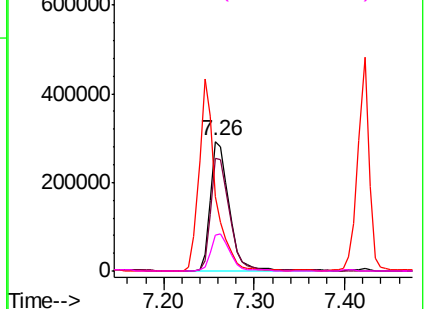
79 27.9 7.3 47.3

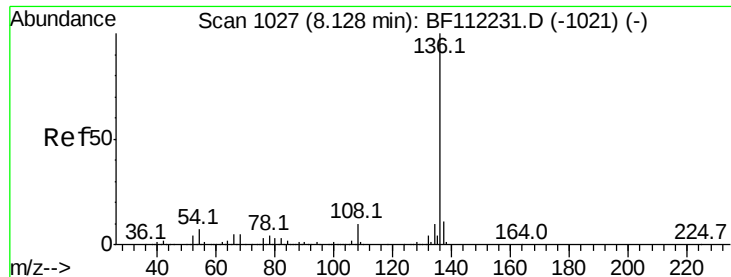
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:136 Resp: 504121

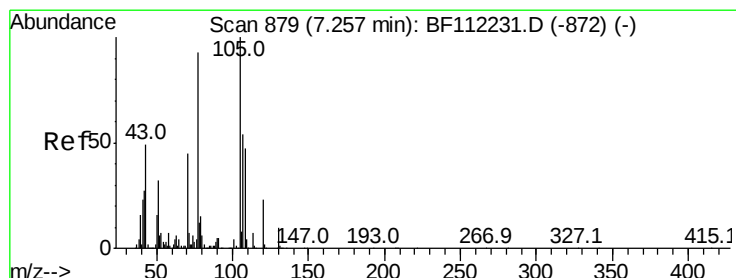
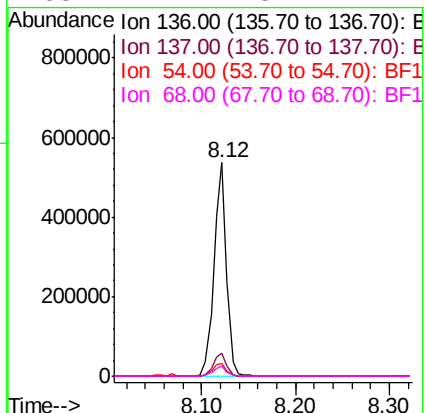
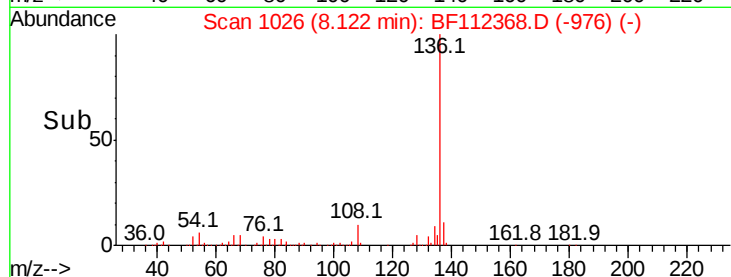
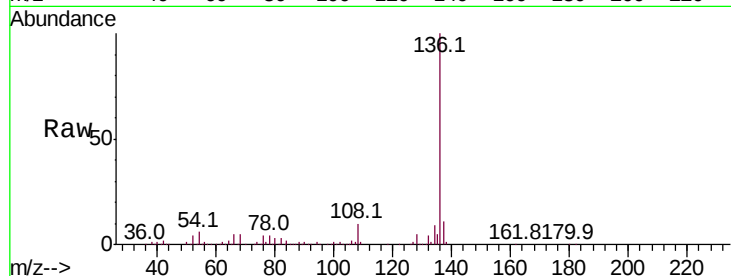
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 5.9 8.9

68 4.7 5.1 7.7#



#22

Acetophenone

Concen: 46.070 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Tgt Ion:105 Resp: 565527

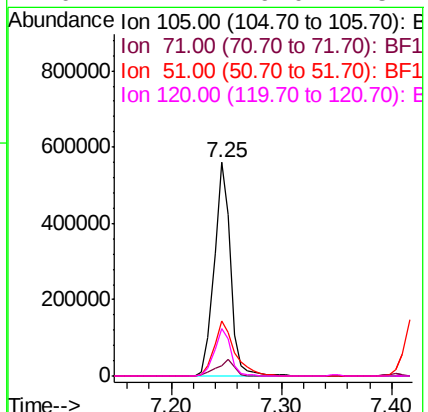
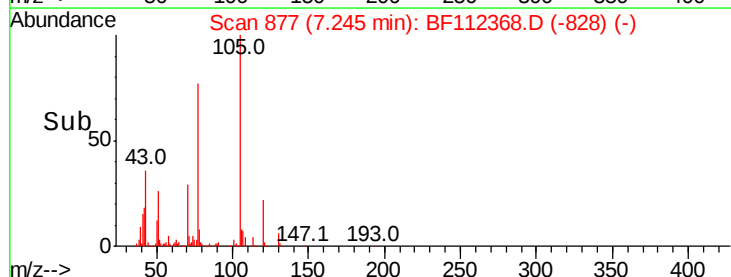
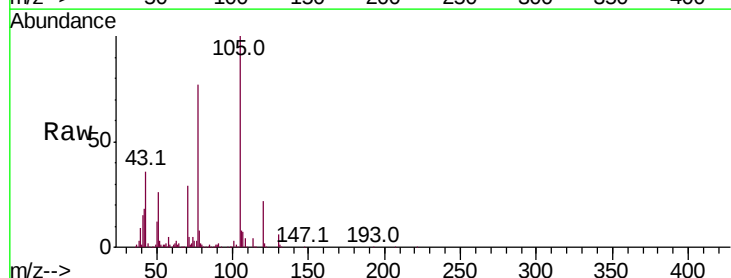
Ion Ratio Lower Upper

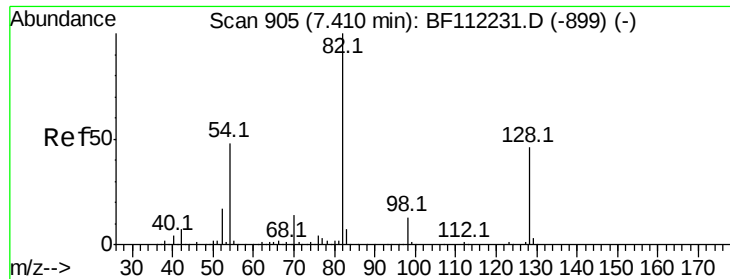
105 100

71 5.0 4.6 6.8

51 25.6 25.0 37.6

120 22.4 19.0 28.4

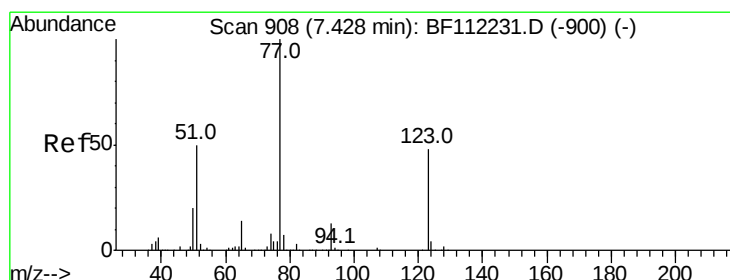
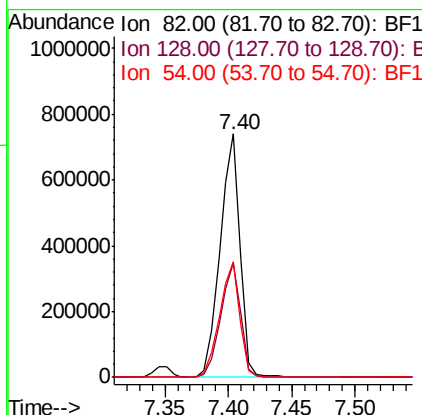
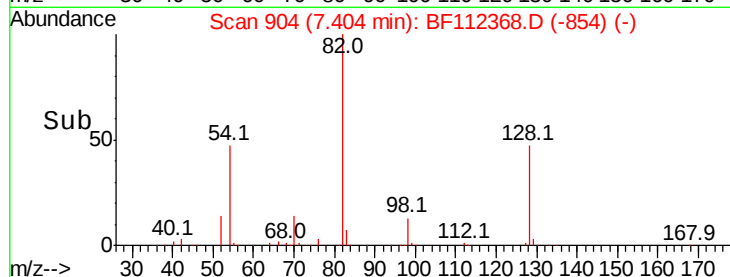
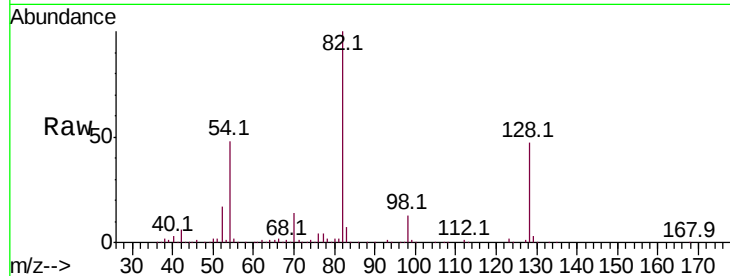




#23
 Nitrobenzene-d5
 Concen: 92.620 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

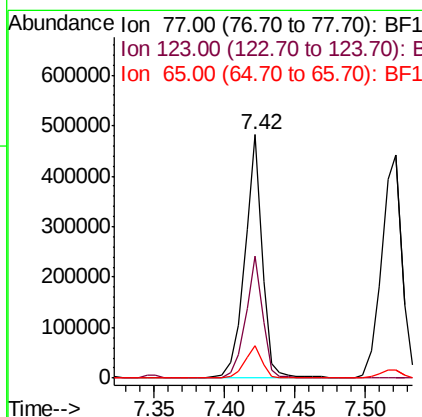
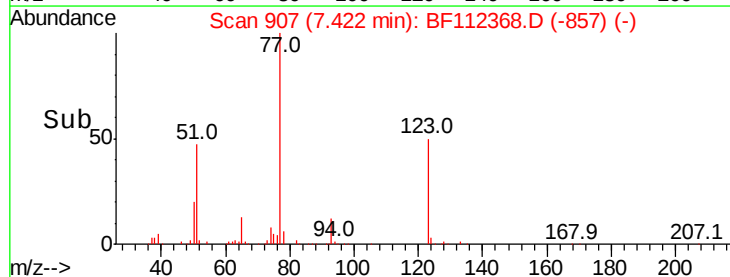
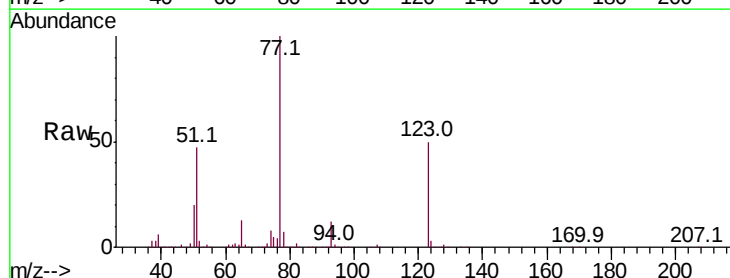
Instrument :
 BNA_F
 ClientSampleID :
 PB116745BS

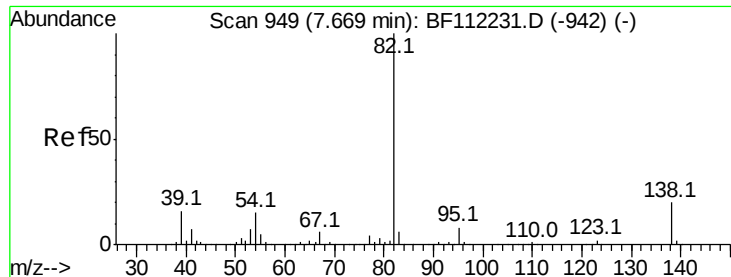
Tot Ion: 82 Resp: 810337
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.8 56.8
 54 47.7 39.7 59.5



#24
 Nitrobenzene
 Concen: 46.657 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion: 77 Resp: 407680
 Ion Ratio Lower Upper
 77 100
 123 49.9 38.4 57.6
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 52.615 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

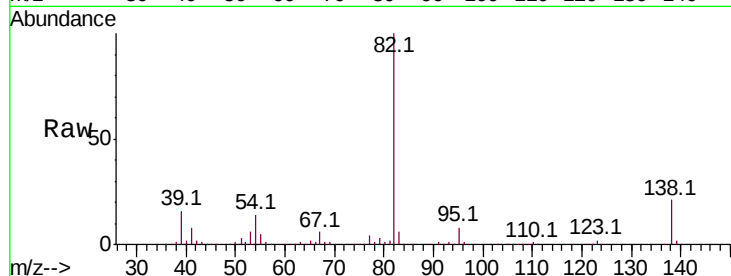
Tot Ion: 82 Resp: 722166

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

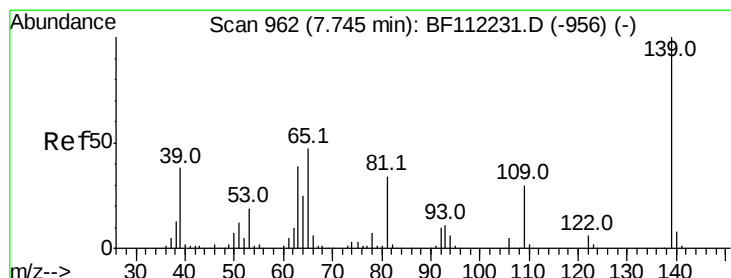
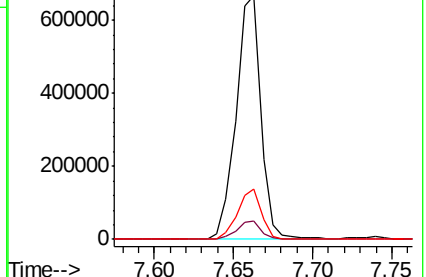
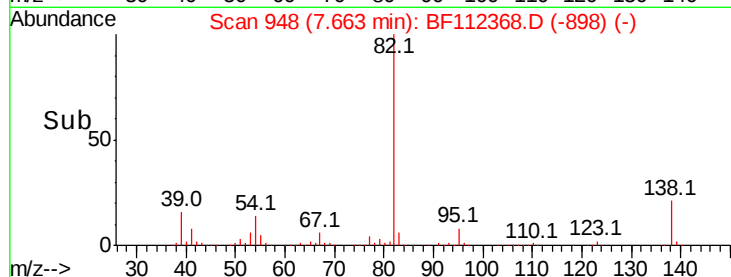
138 20.5 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.920 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

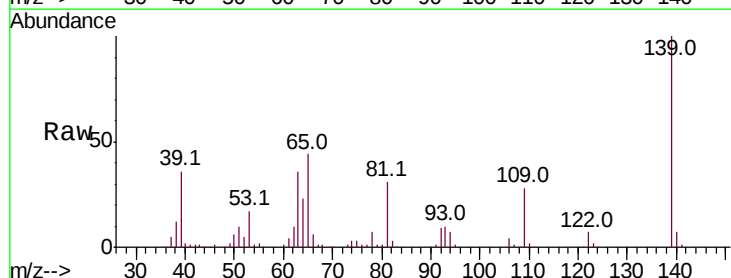
Tgt Ion: 139 Resp: 219098

Ion Ratio Lower Upper

139 100

109 28.1 20.8 31.2

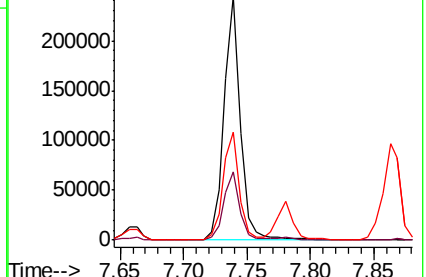
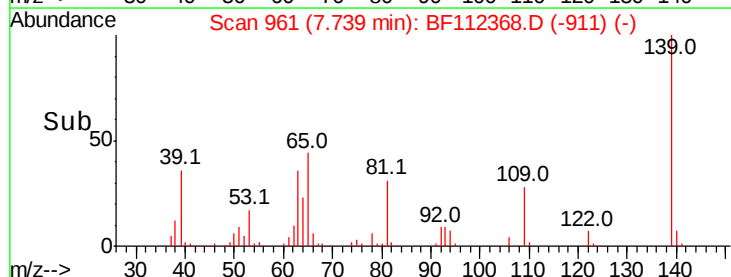
65 44.2 34.4 51.6

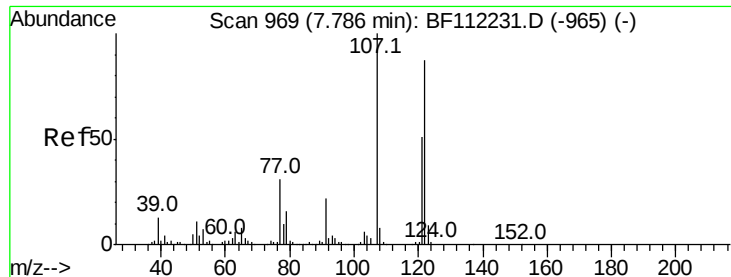


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

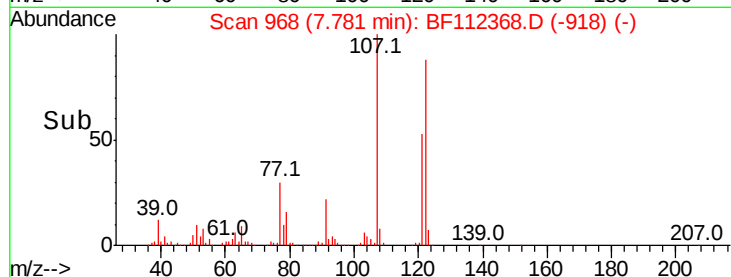
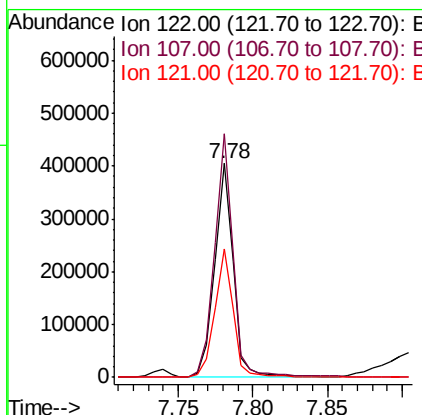
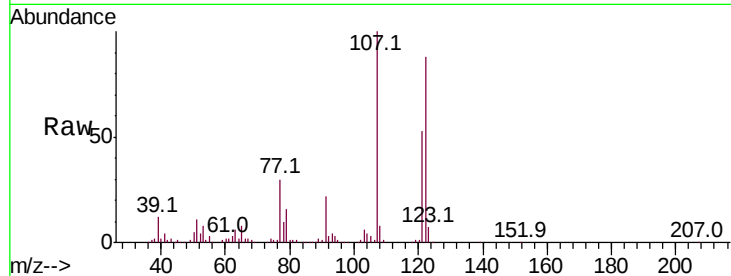




#27
2,4-Dimethylphenol
Concen: 54.728 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

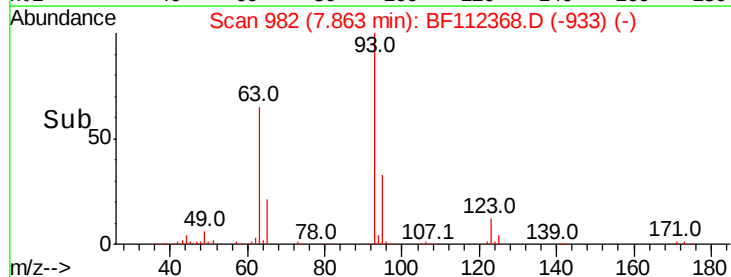
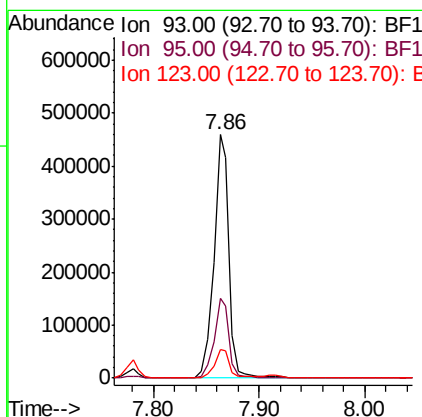
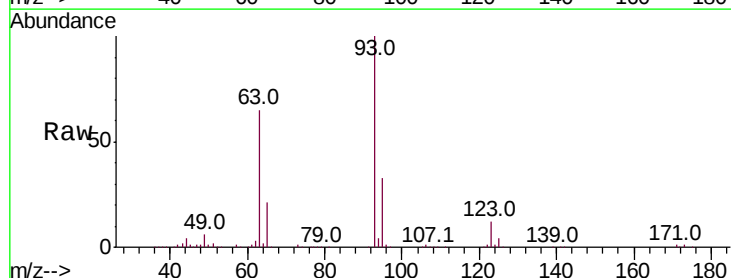
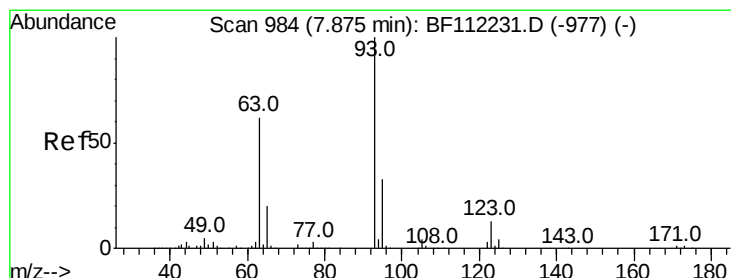
Instrument :
BNA_F
ClientSampleId :
PB116745BS

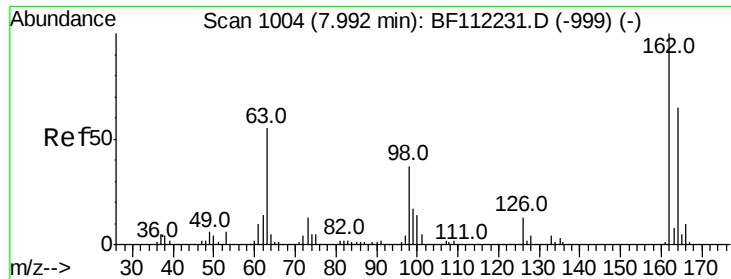
Tot Ion:122 Resp: 352097
Ion Ratio Lower Upper
122 100
107 113.7 85.4 128.0
121 60.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.684 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion: 93 Resp: 464341
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.7 10.2 15.2

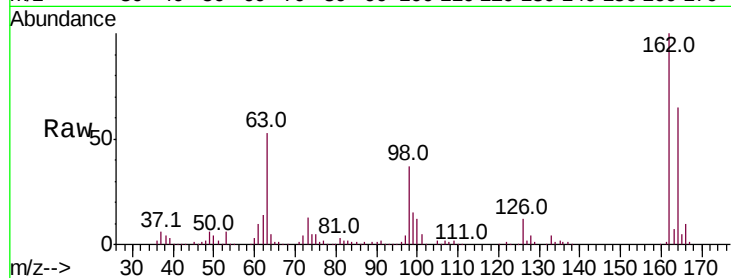




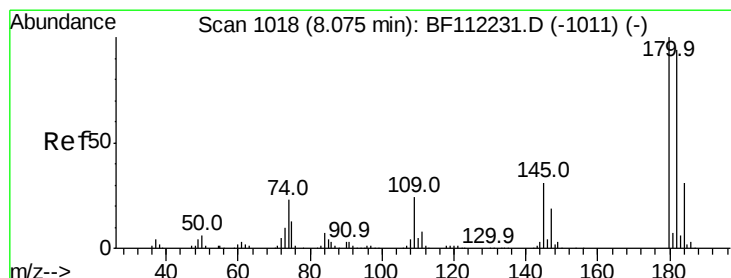
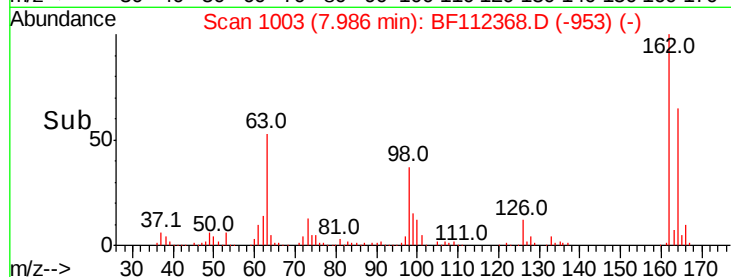
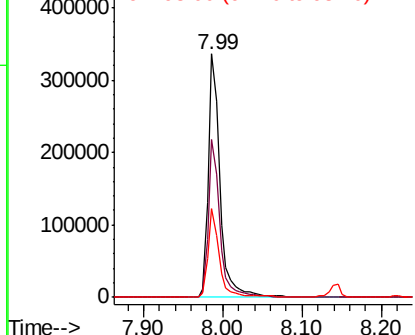
#29
 2,4-Dichlorophenol
 Concen: 48.310 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion:162 Resp: 347814
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.6 84.6
 98 36.7 14.6 54.6

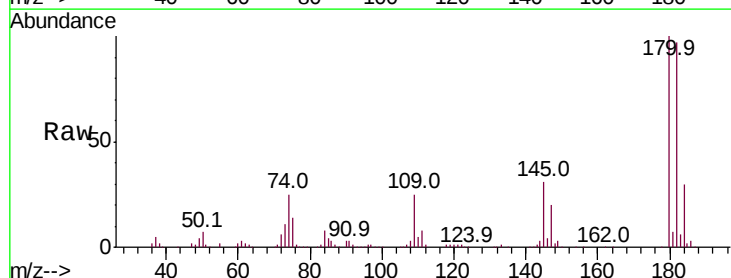


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

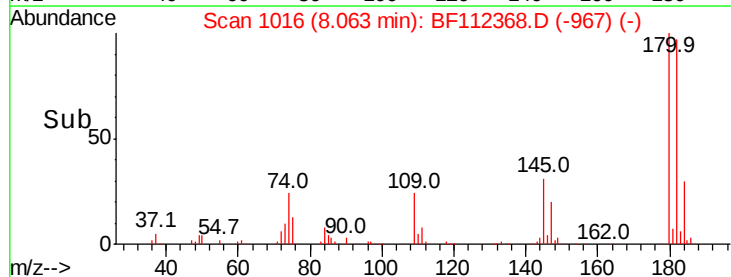
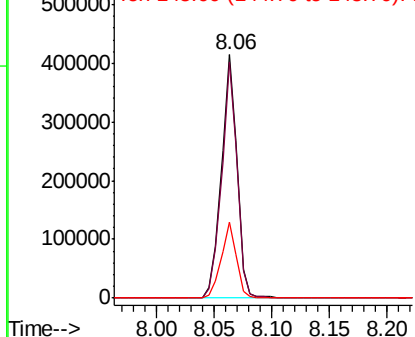


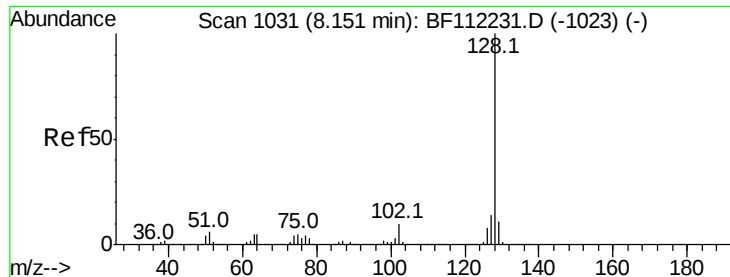
#30
 1,2,4-Trichlorobenzene
 Concen: 47.578 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion:180 Resp: 393747
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 31.1 25.0 37.4



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

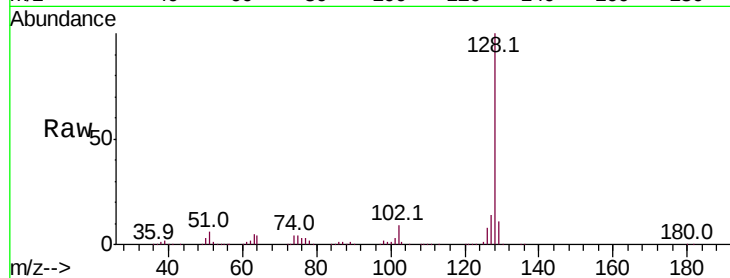




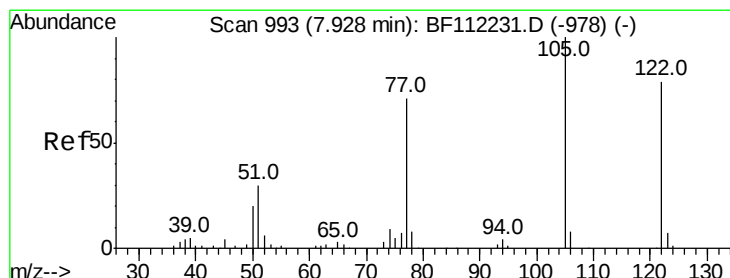
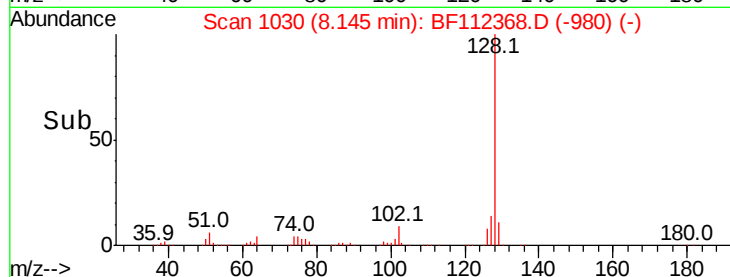
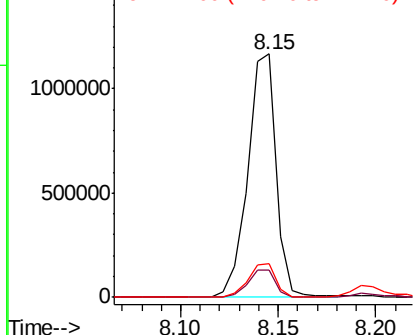
#31
Naphthalene
Concen: 49.698 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:128 Resp: 1171616
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.7 11.1 16.7

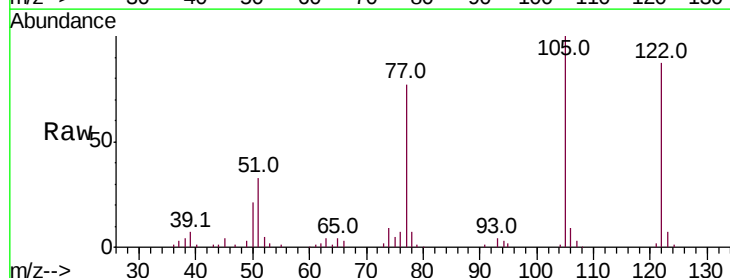


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

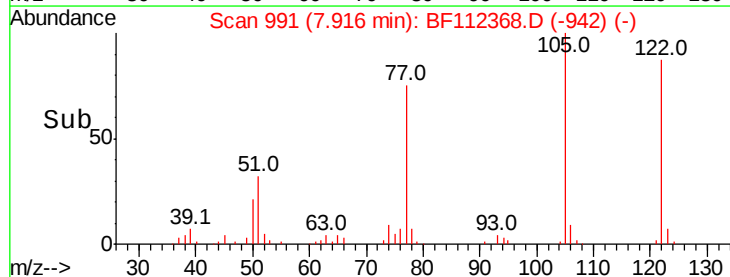
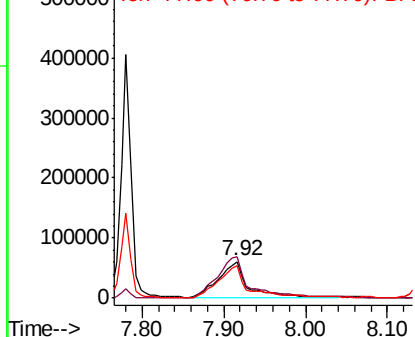


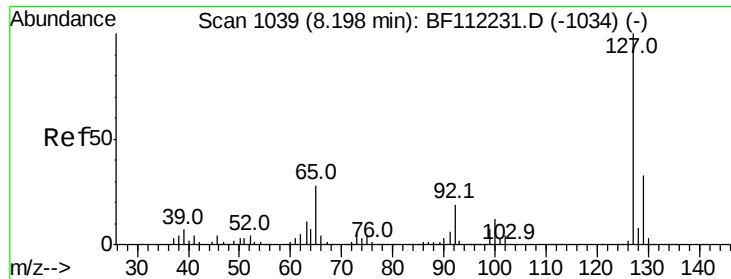
#32
Benzoic acid
Concen: 40.378 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:122 Resp: 148183
Ion Ratio Lower Upper
122 100
105 114.7 101.2 141.2
77 88.5 70.4 110.4



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

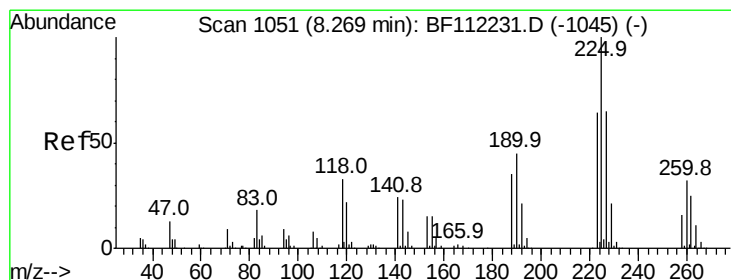
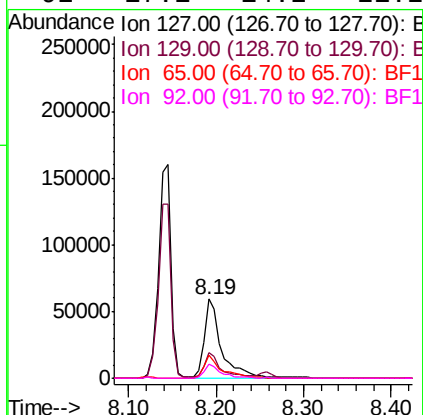
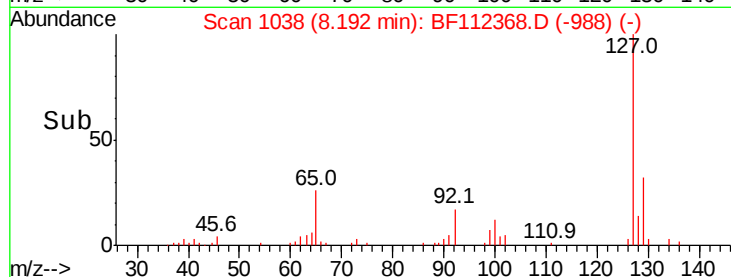
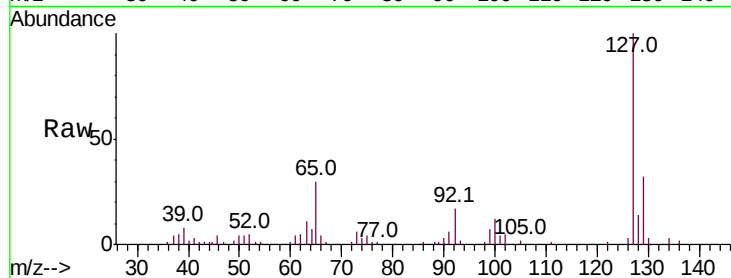




#33
4-Chloroaniline
Concen: 8.133 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

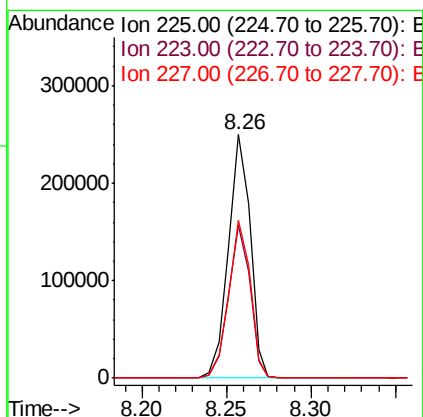
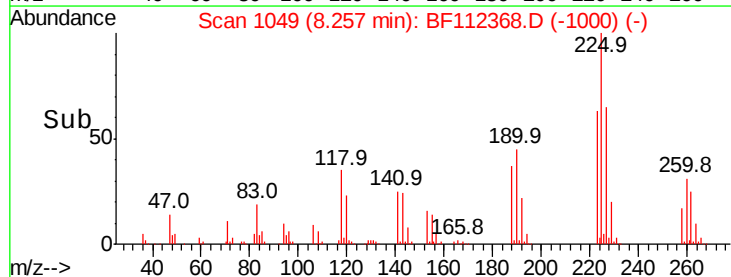
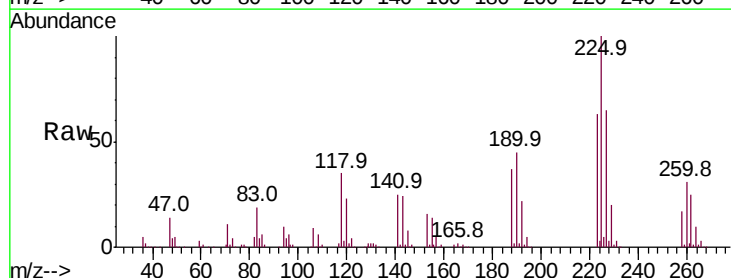
Instrument :
BNA_F
ClientSampleId :
PB116745BS

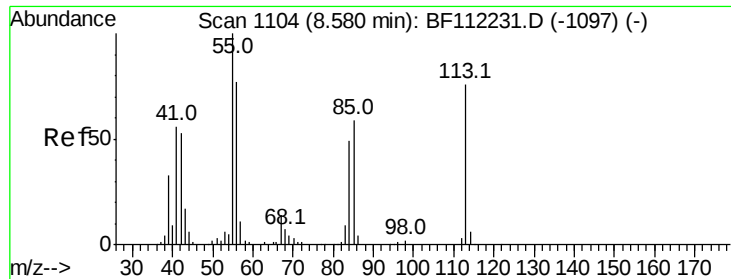
Tot Ion:127 Resp: 83487
Ion Ratio Lower Upper
127 100
129 32.1 26.6 39.8
65 29.6 21.4 32.2
92 17.1 14.2 21.2



#34
Hexachlorobutadiene
Concen: 46.195 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:225 Resp: 224341
Ion Ratio Lower Upper
225 100
223 62.6 50.3 75.5
227 64.9 51.8 77.8

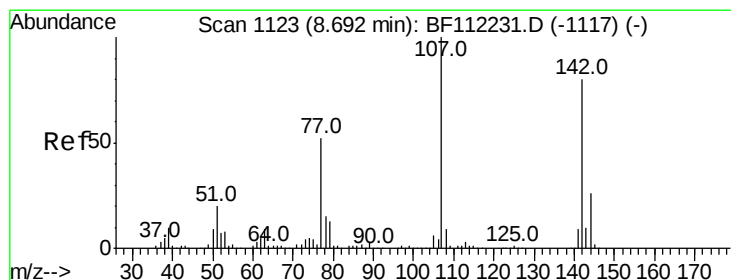
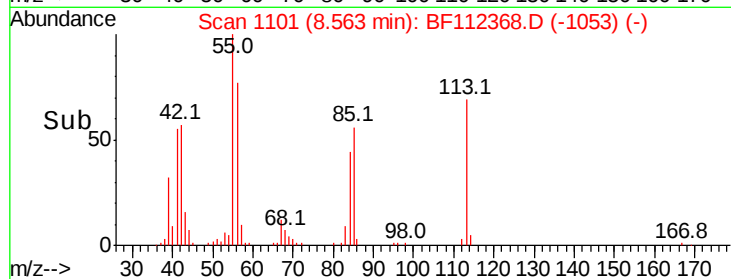
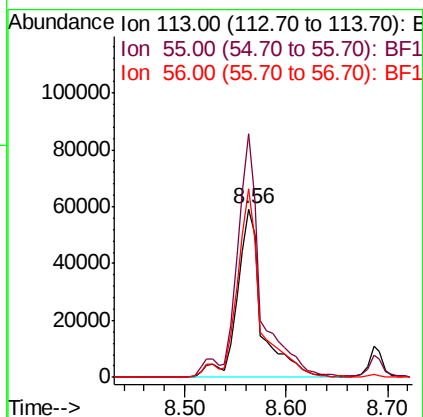
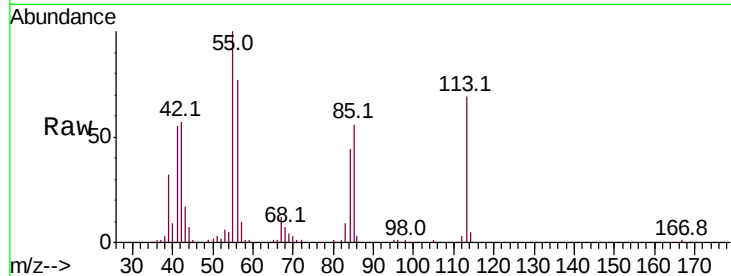




#35
 Caprolactam
 Concen: 39.261 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

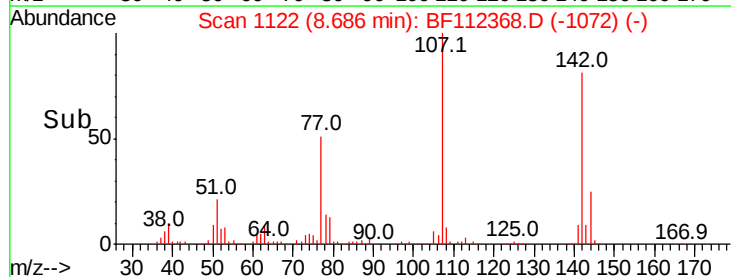
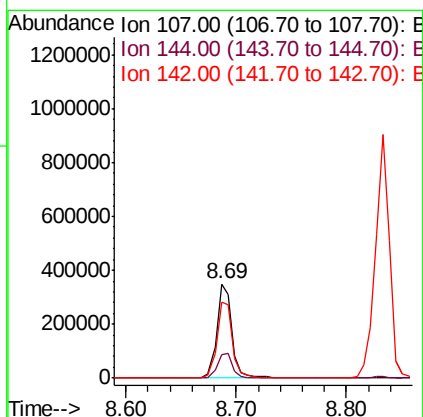
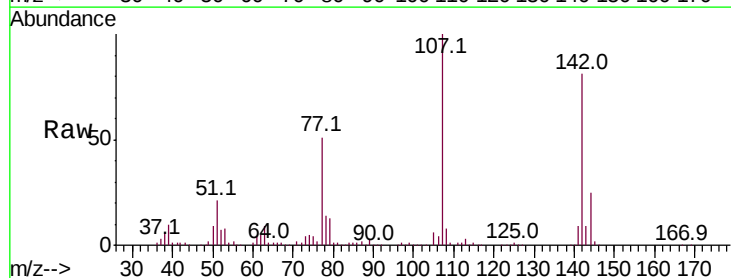
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

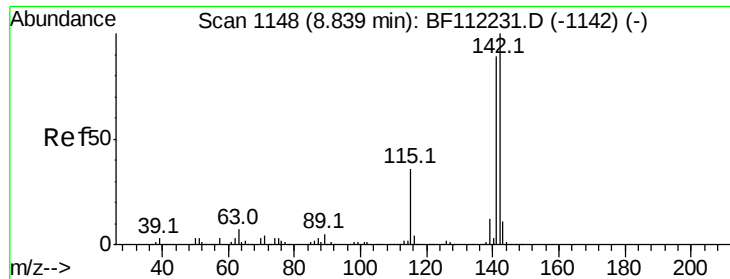
Tot Ion:113 Resp: 99717
 Ion Ratio Lower Upper
 113 100
 55 144.7 121.6 161.6
 56 112.0 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.692 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion:107 Resp: 333011
 Ion Ratio Lower Upper
 107 100
 144 25.4 22.2 33.2
 142 80.7 67.7 101.5

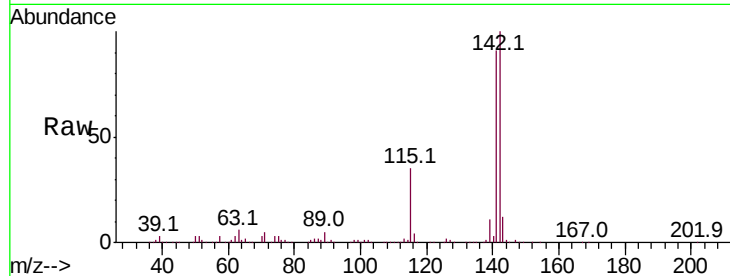




#37
 2-Methylnaphthalene
 Concen: 49.943 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.9	106.3
115	35.0	24.9	37.3

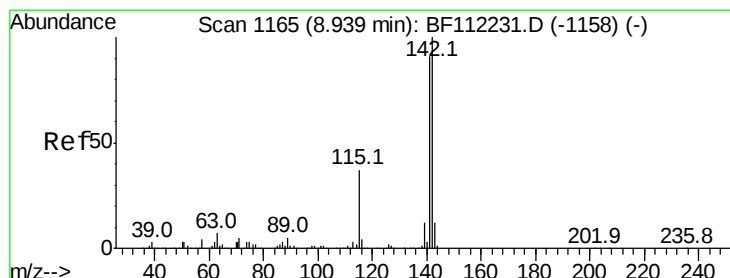
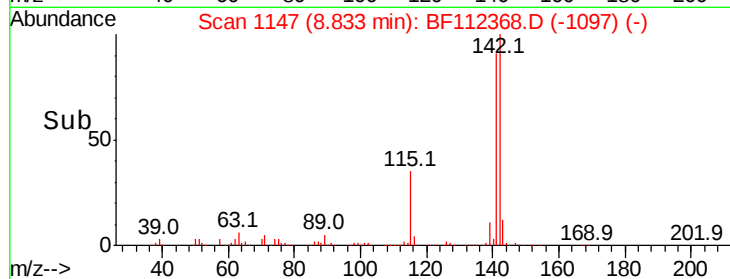
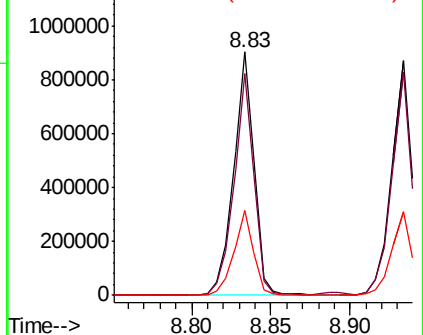


Abundance

Ion 142.00 (141.70 to 142.70): E

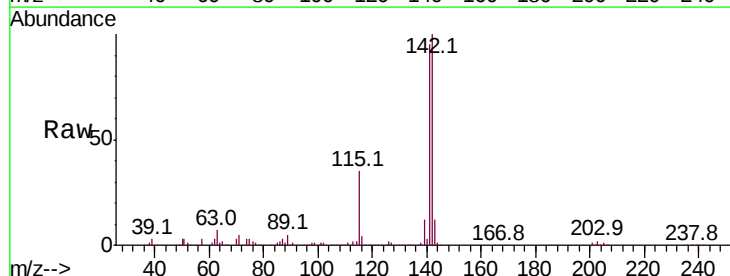
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 48.938 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.6	108.8
116	3.8	2.8	4.2

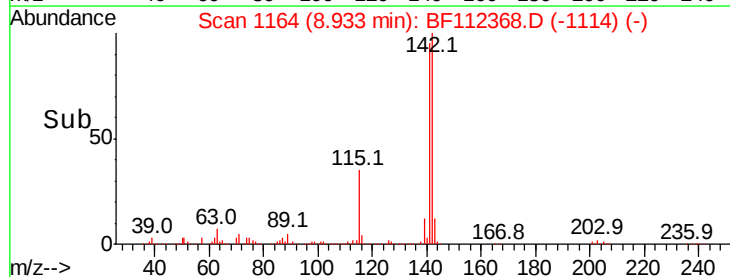
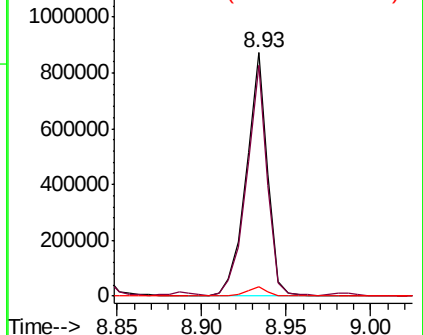


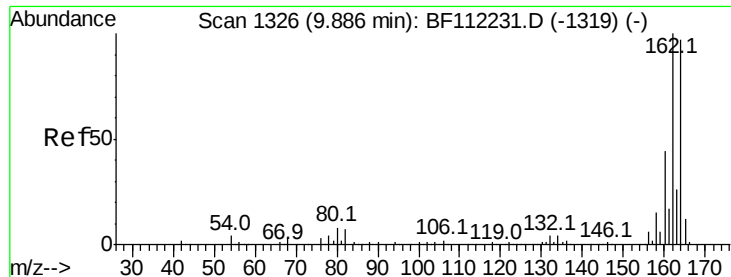
Abundance

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

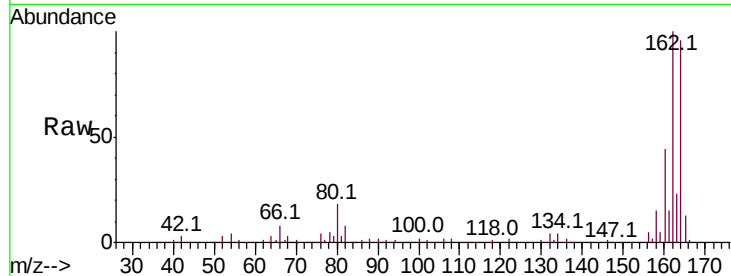




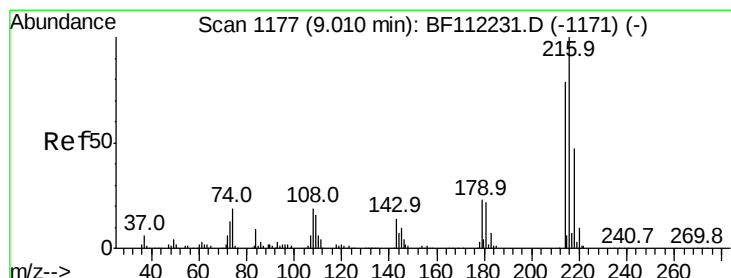
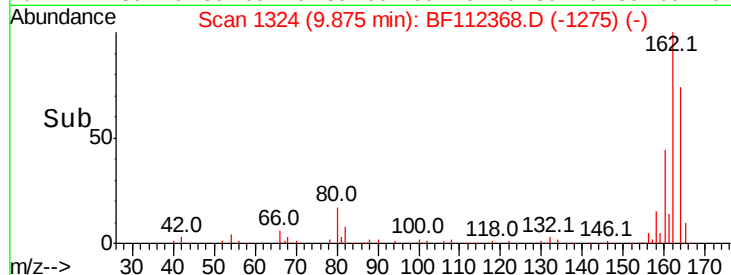
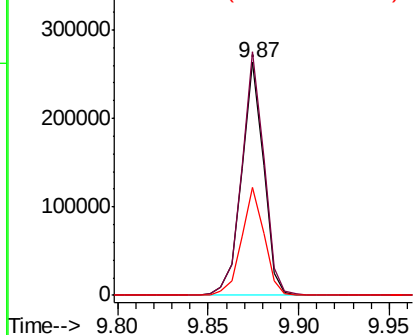
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:164 Resp: 222421
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 46.1 36.2 54.4

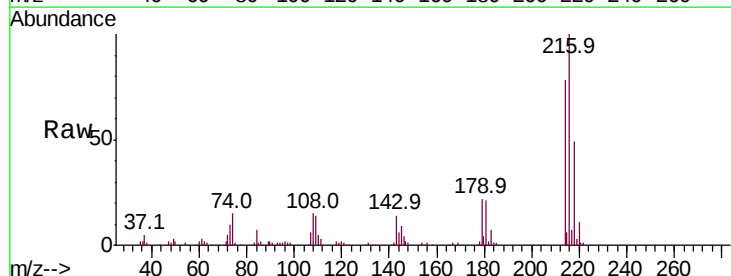


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

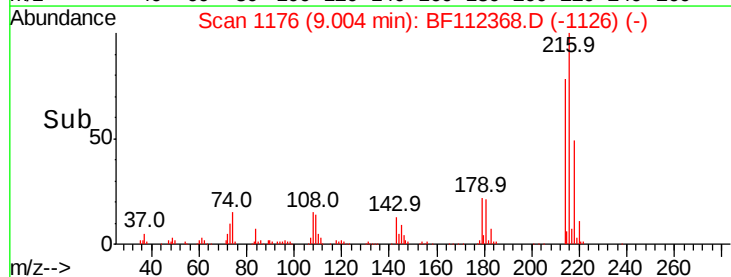
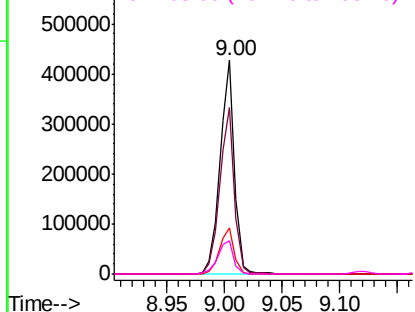


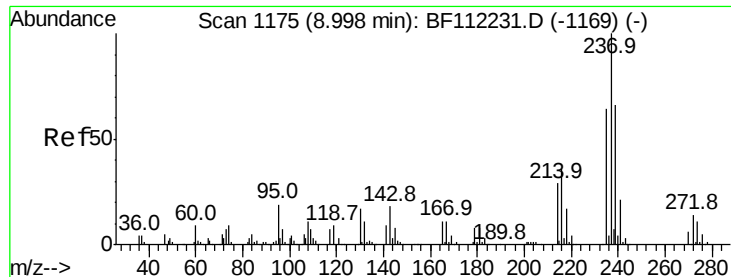
#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.625 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:216 Resp: 369711
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 21.8 16.9 25.3
108 17.2 14.2 21.4



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: 30.733 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

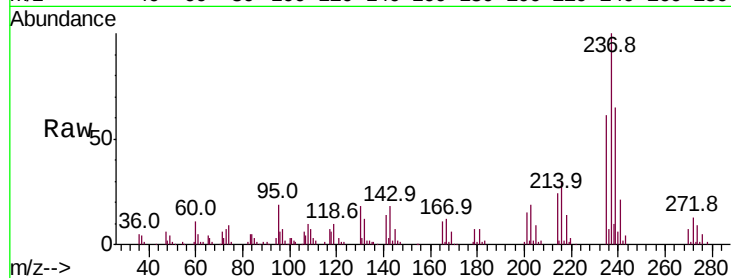
Tot Ion:237 Resp: 66678

Ion Ratio Lower Upper

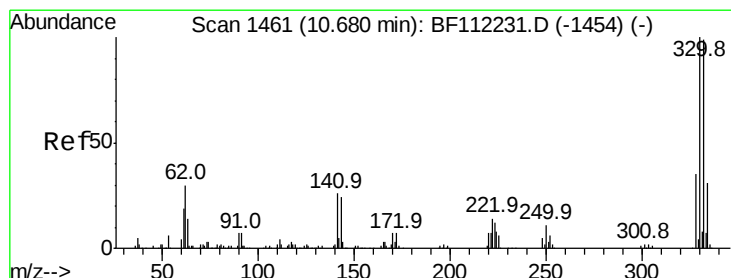
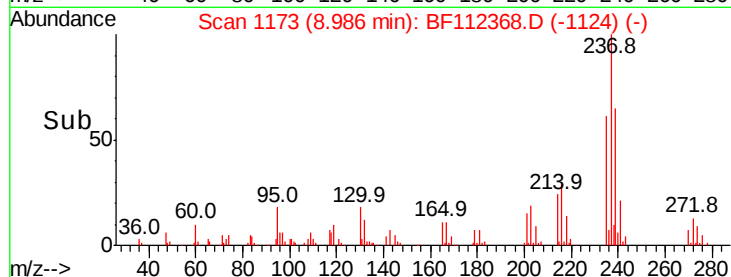
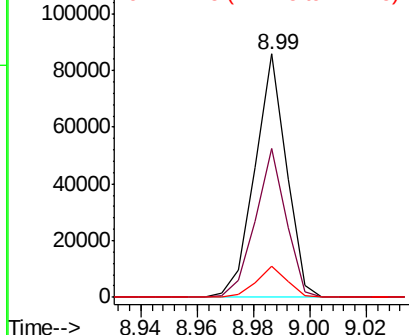
237 100

235 61.3 44.0 84.0

272 12.7 0.0 33.3



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: 83.878 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

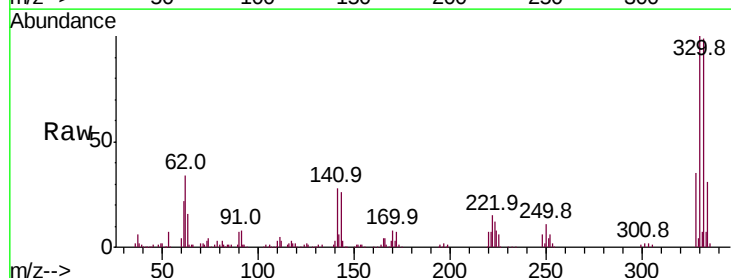
Tgt Ion:330 Resp: 217153

Ion Ratio Lower Upper

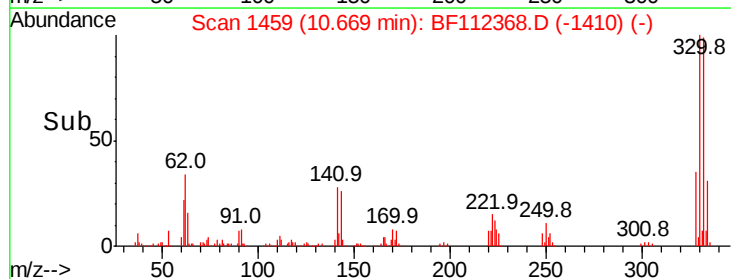
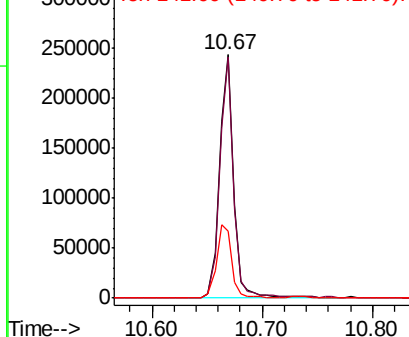
330 100

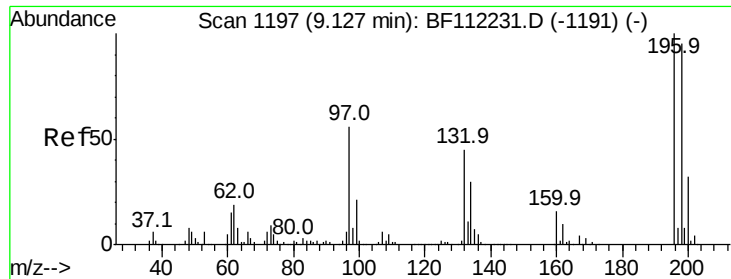
332 98.0 76.6 114.8

141 32.3 24.3 36.5



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

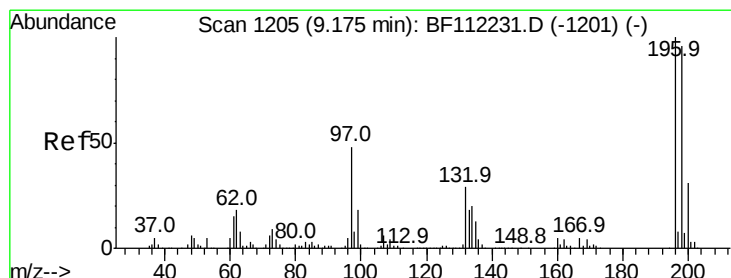
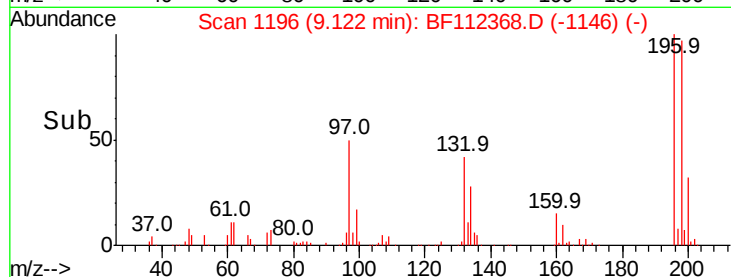
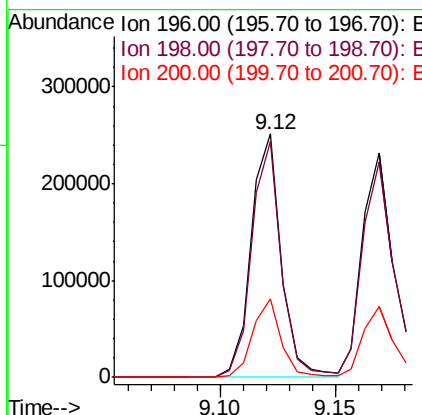
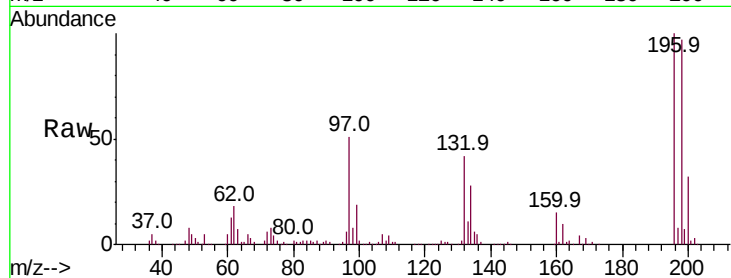




#43
 2,4,6-Trichlorophenol
 Concen: 51.155 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

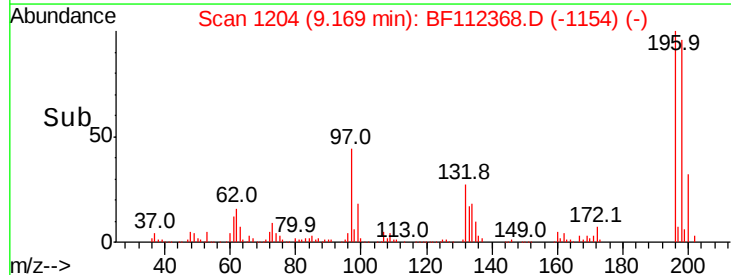
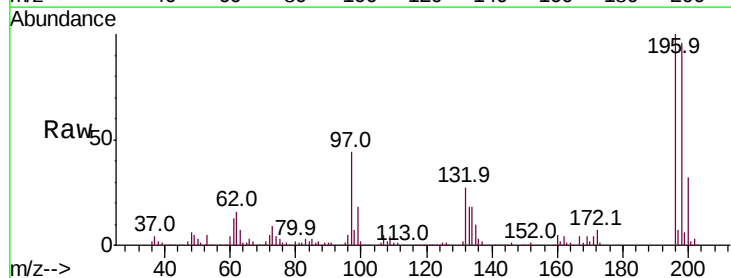
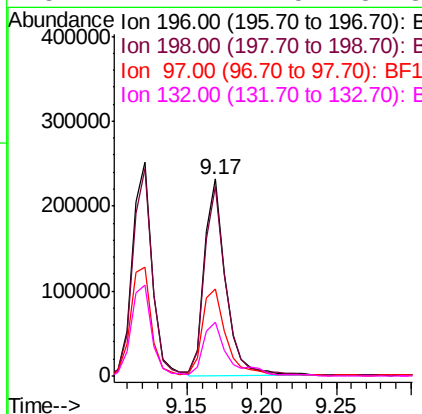
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

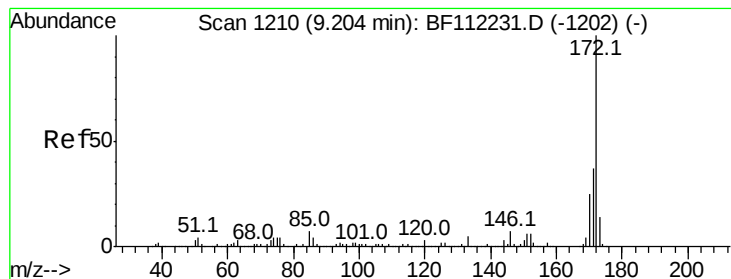
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.4
200	32.0	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.431 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.0	114.0
97	44.3	36.4	54.6
132	27.1	21.5	32.3





#45

2-Fluorobiphenyl

Concen: 102.068 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

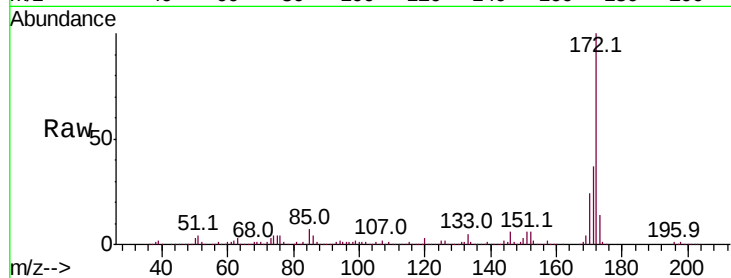
Tot Ion:172 Resp: 1605145

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

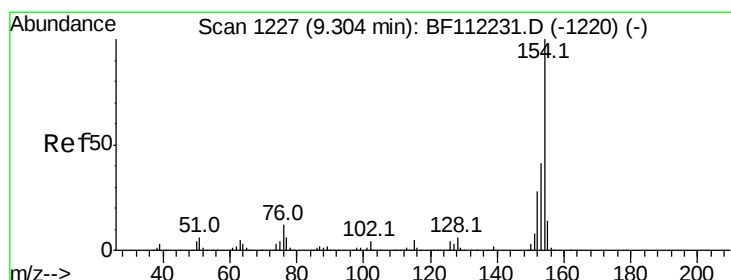
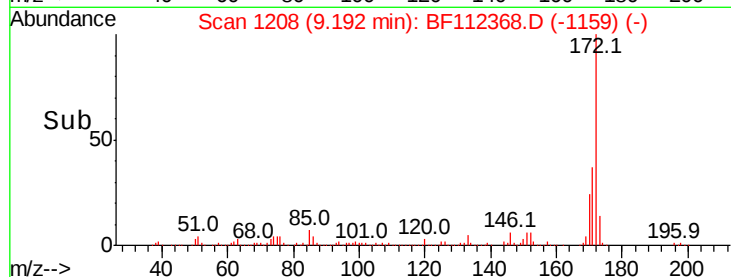
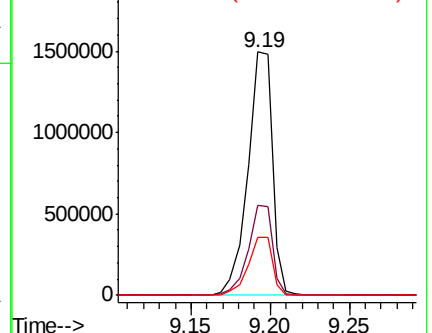
170 23.9 20.2 30.4



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: 50.186 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

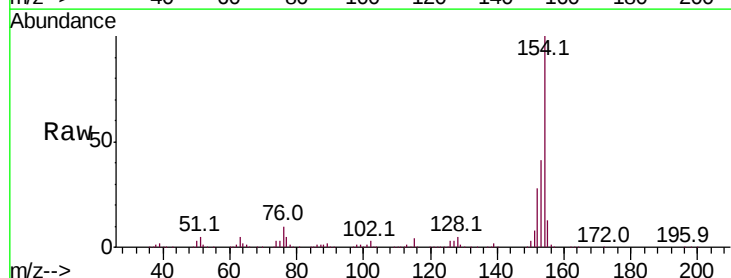
Tgt Ion:154 Resp: 975857

Ion Ratio Lower Upper

154 100

153 41.3 21.5 61.5

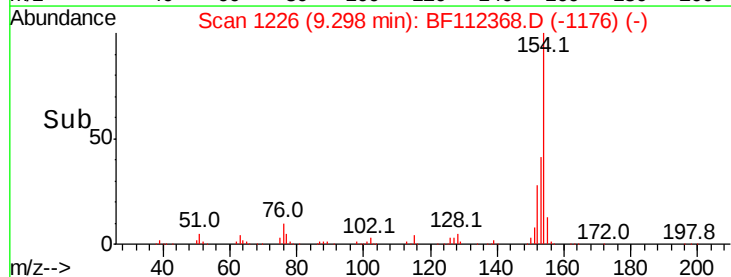
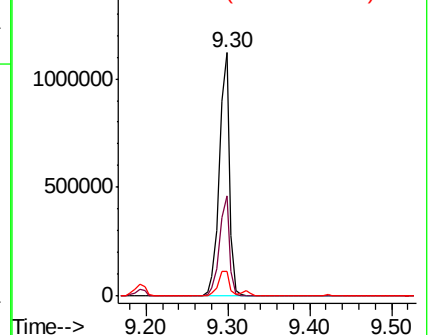
76 10.4 0.0 33.1

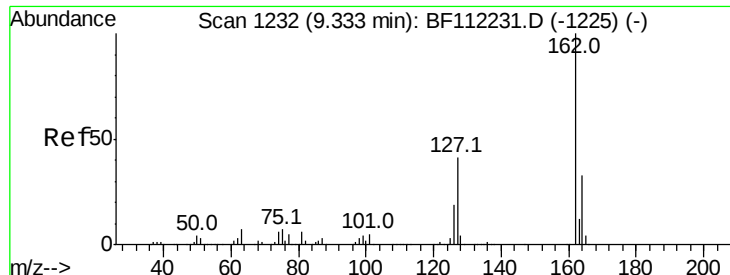


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

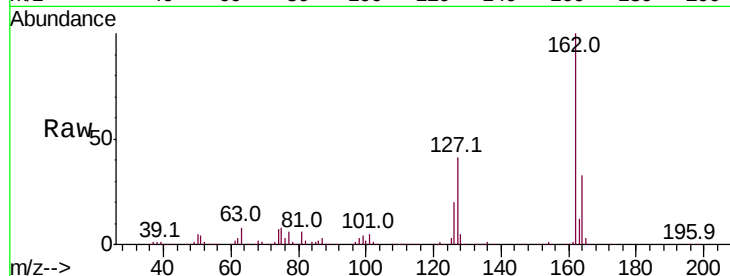




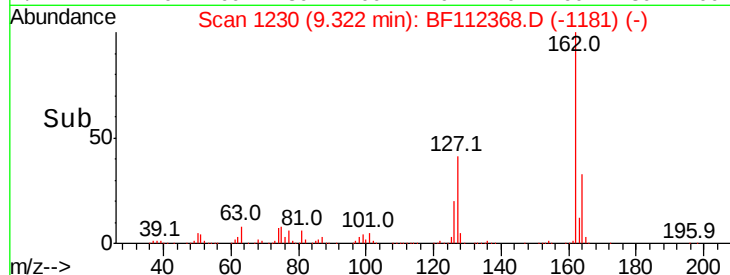
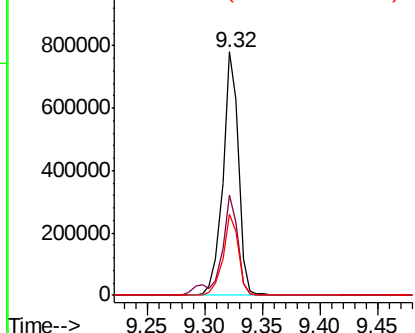
#47
2-Chloronaphthalene
Concen: 48.549 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:162 Resp: 732070
Ion Ratio Lower Upper
162 100
127 41.3 30.4 45.6
164 33.3 27.4 41.2

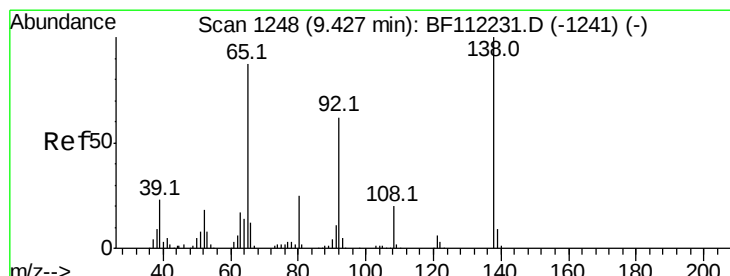


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

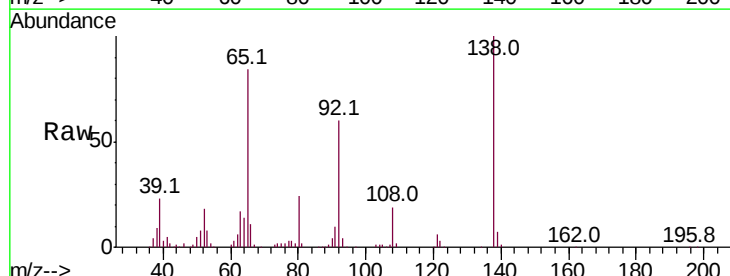
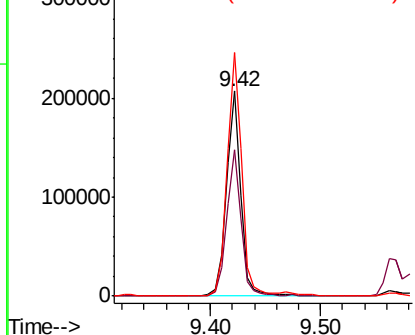


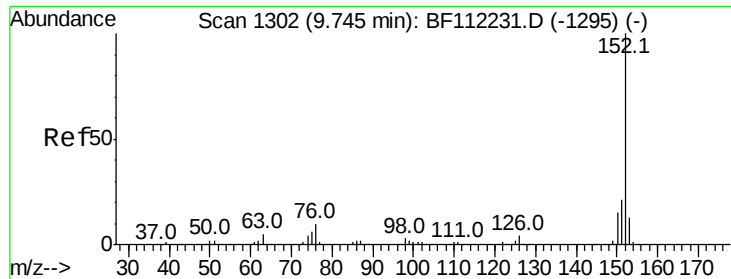
#48
2-Nitroaniline
Concen: 45.974 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion: 65 Resp: 188949
Ion Ratio Lower Upper
65 100
92 71.8 60.4 90.6
138 119.0 104.4 156.6



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: 50.512 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

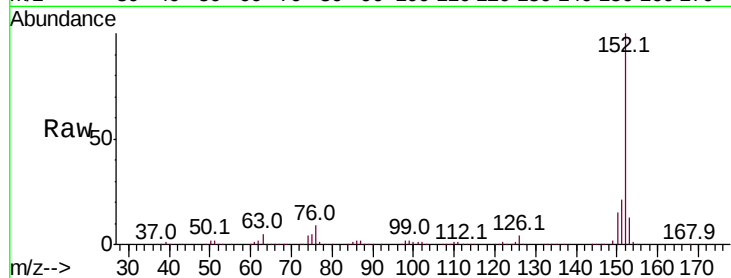
Tot Ion:152 Resp: 1116382

Ion Ratio Lower Upper

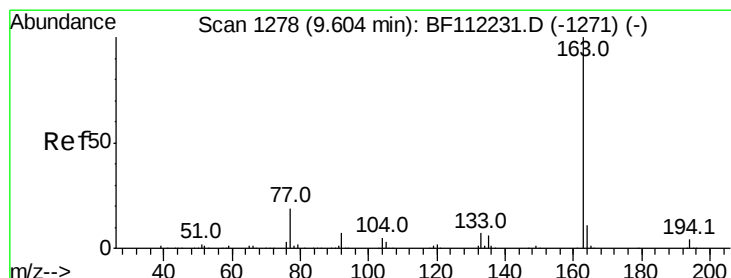
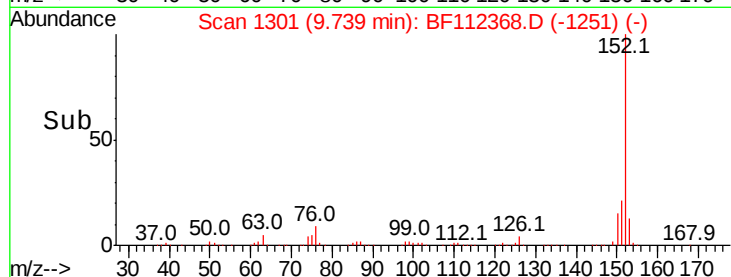
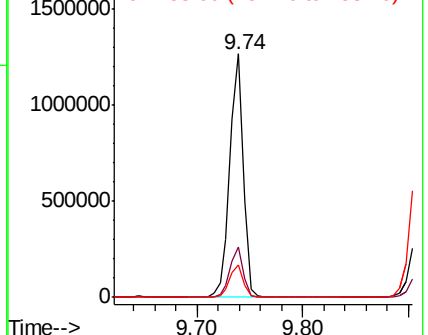
152 100

151 20.9 17.0 25.6

153 13.5 11.2 16.8



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: 50.527 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

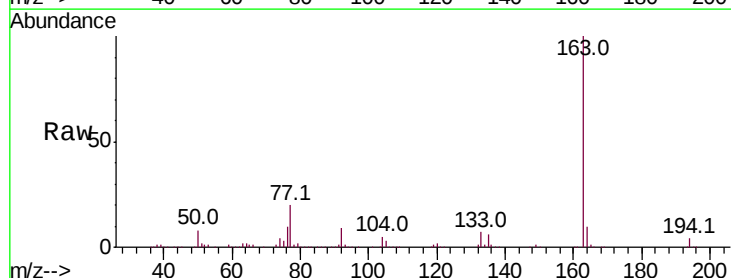
Tgt Ion:163 Resp: 873156

Ion Ratio Lower Upper

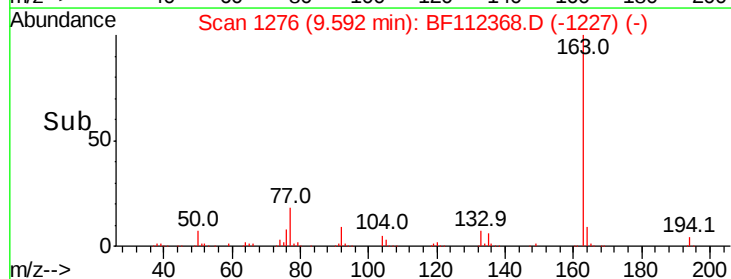
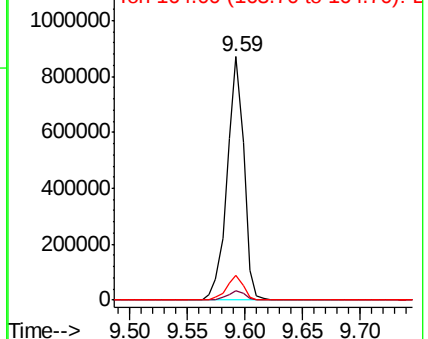
163 100

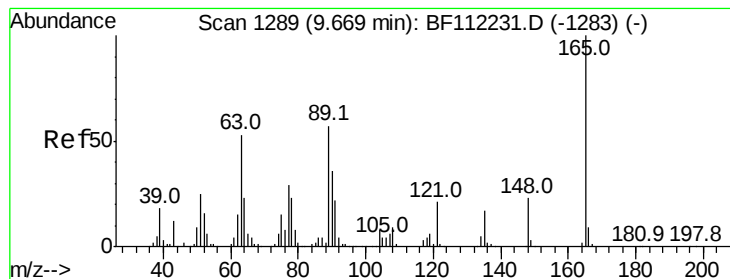
194 4.0 3.3 4.9

164 10.4 8.5 12.7



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: 46.204 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

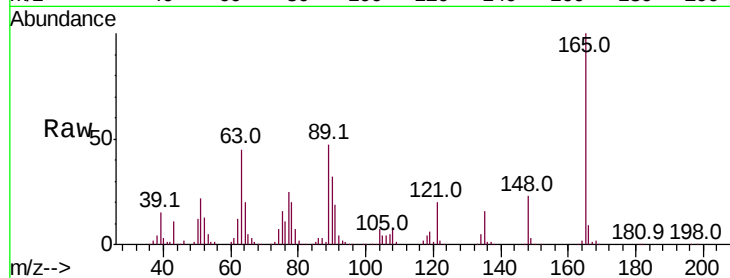
Tot Ion:165 Resp: 178821

Ion Ratio Lower Upper

165 100

63 44.9 33.8 50.8

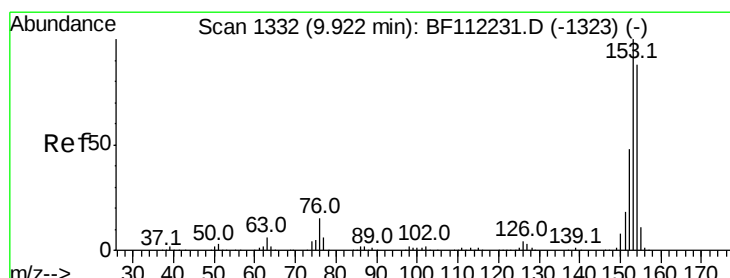
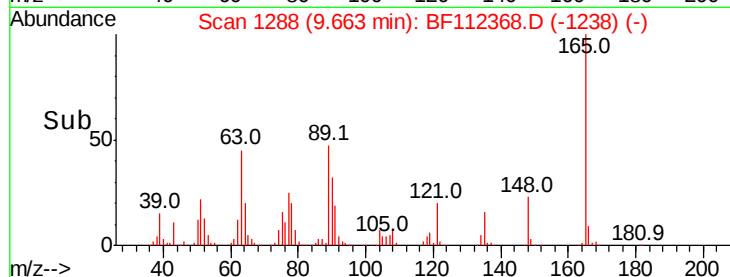
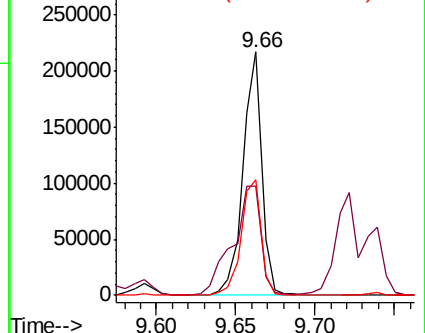
89 47.5 36.9 55.3



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: 48.385 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

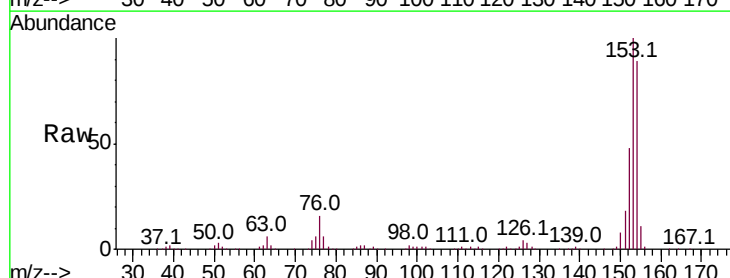
Tgt Ion:154 Resp: 638814

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

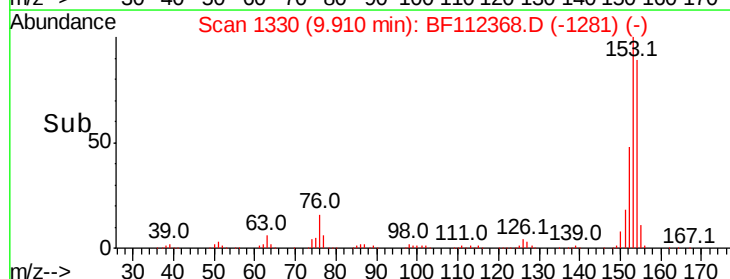
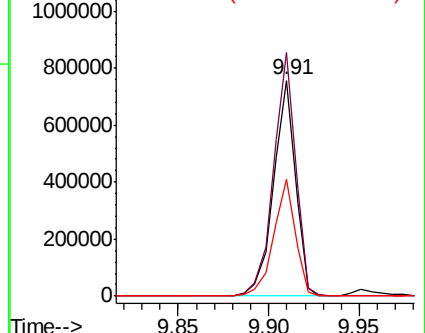
152 54.3 43.5 65.3

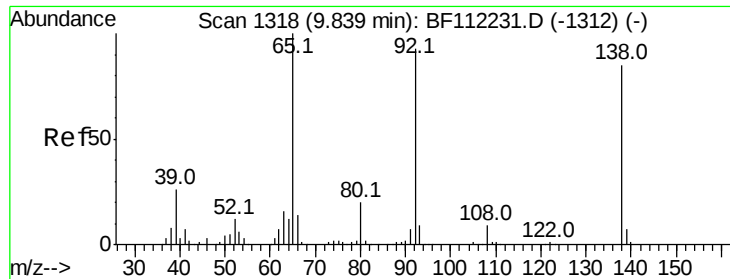


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

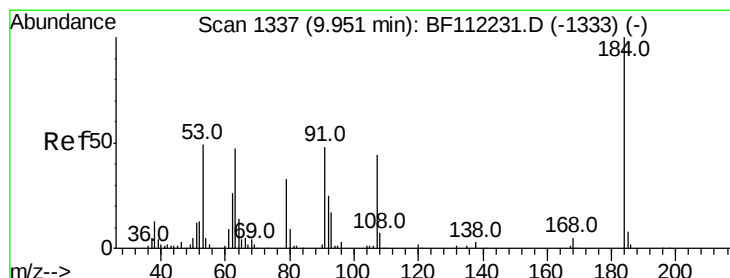
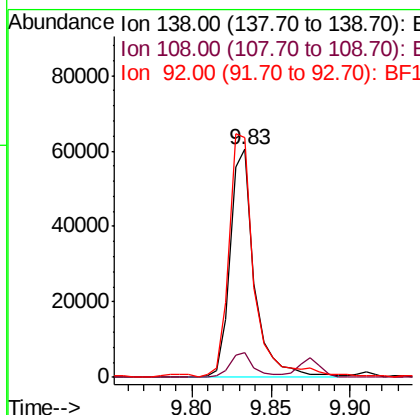
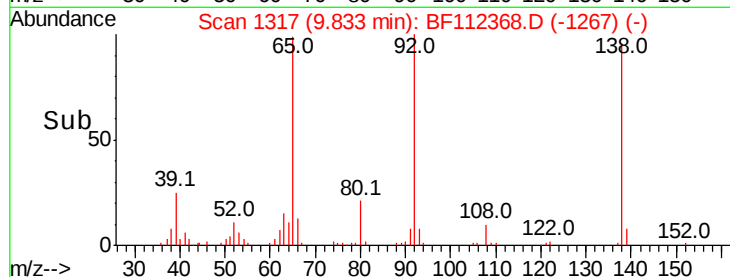
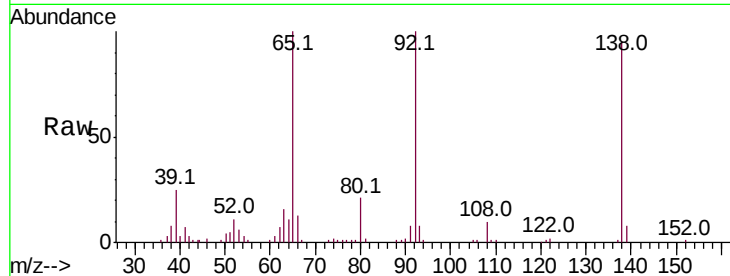




#53
3-Nitroaniline
Concen: 15.416 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

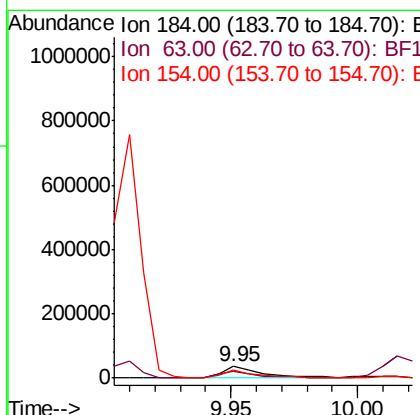
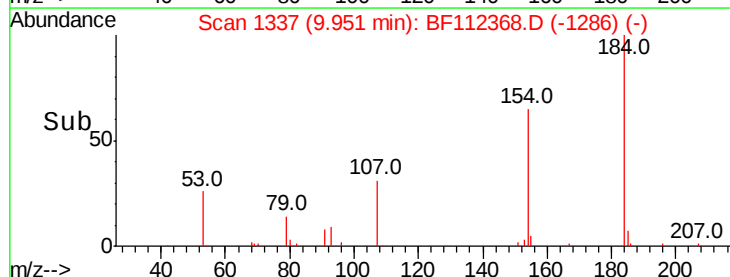
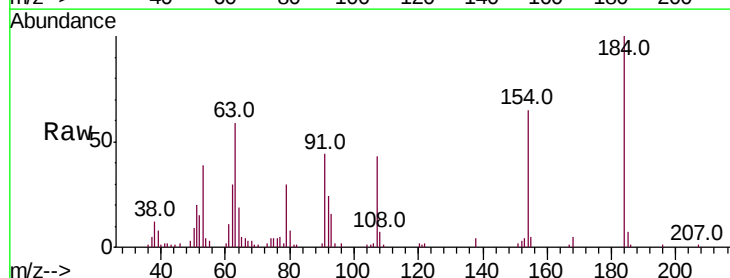
Instrument :
BNA_F
ClientSampleId :
PB116745BS

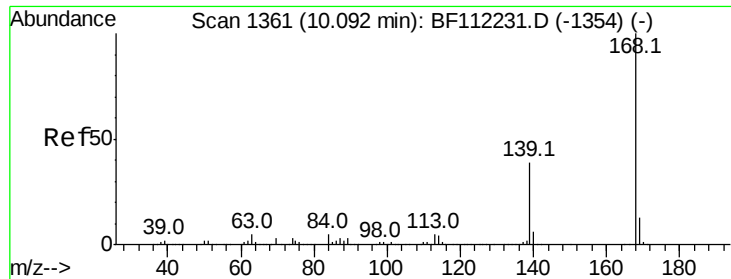
Tot Ion:138 Resp: 64637
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 105.1 79.4 119.2



#54
2,4-Dinitrophenol
Concen: 32.823 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:184 Resp: 40769
Ion Ratio Lower Upper
184 100
63 59.4 47.1 70.7
154 65.5 48.9 73.3





#55

Dibenzenofuran

Concen: 47.102 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

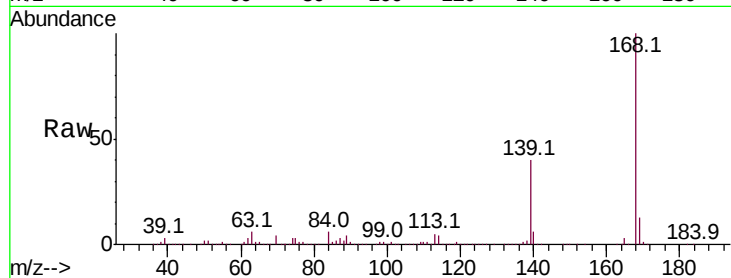
Tot Ion:168 Resp: 950321

Ion Ratio Lower Upper

168 100

139 39.9 29.2 43.8

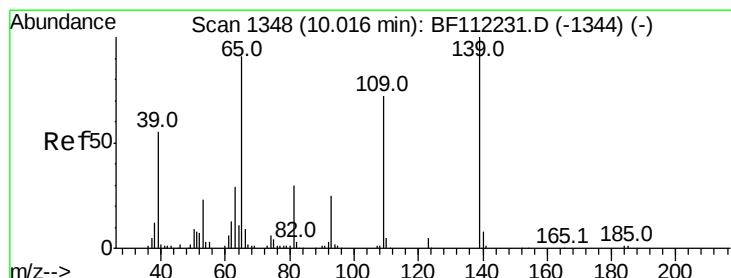
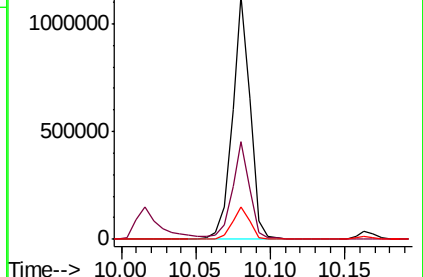
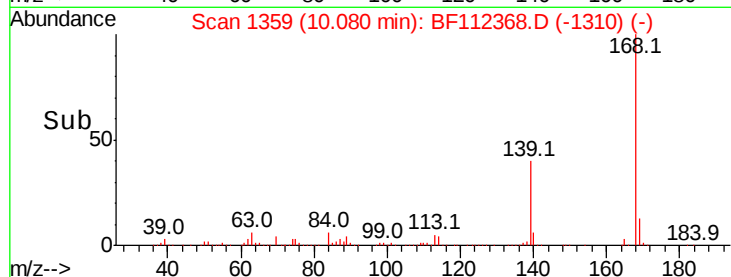
169 13.4 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.888 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

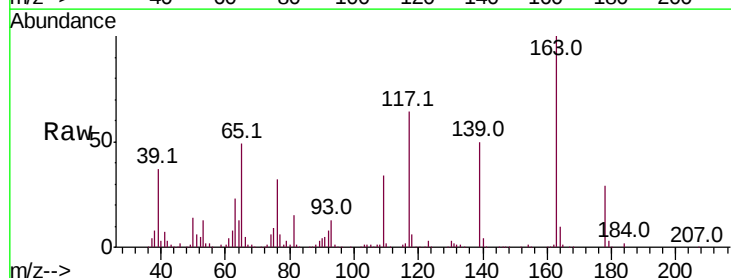
Tgt Ion:139 Resp: 166011

Ion Ratio Lower Upper

139 100

109 67.6 42.8 82.8

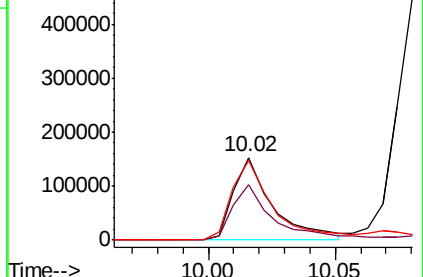
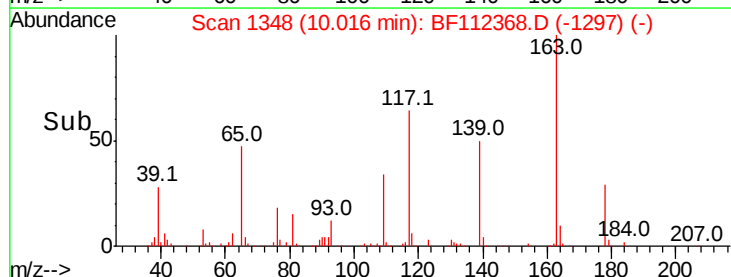
65 96.5 66.1 106.1

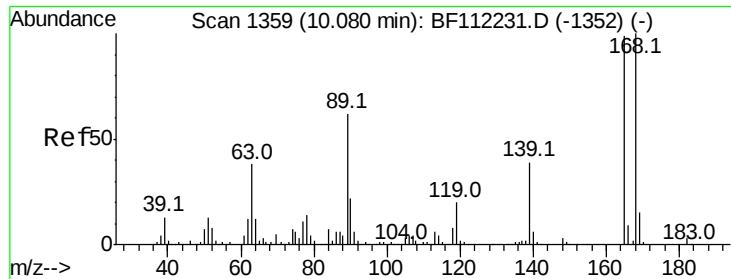


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

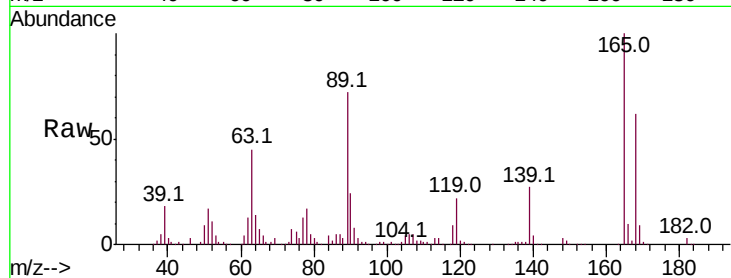




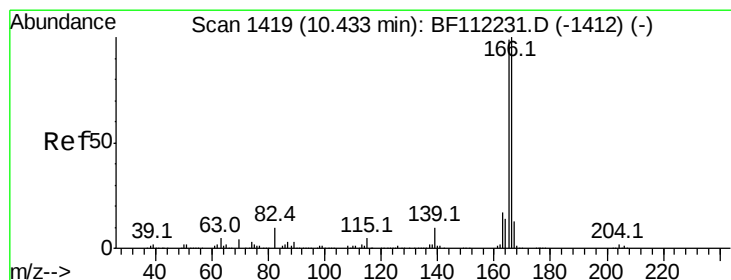
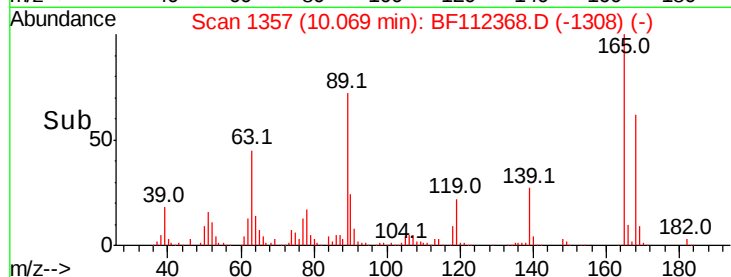
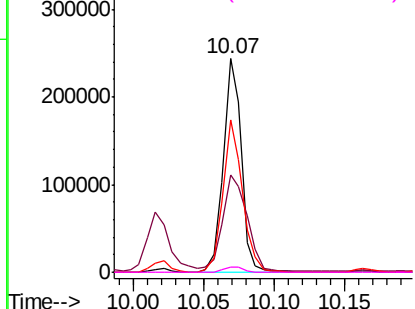
#57
2,4-Dinitrotoluene
Concen: 43.999 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:165 Resp: 216792
Ion Ratio Lower Upper
165 100
63 45.4 27.9 41.9#
89 71.5 47.9 71.9
182 2.7 2.2 3.4

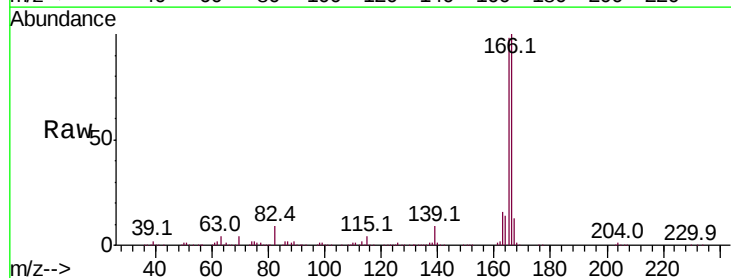


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

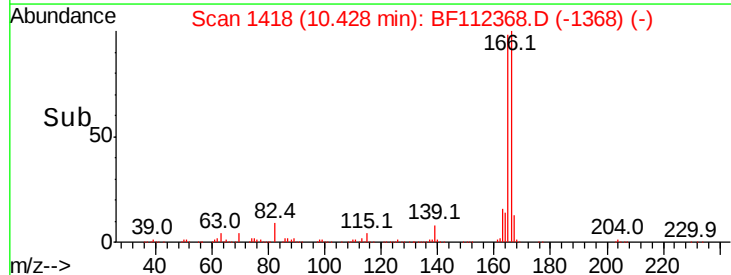
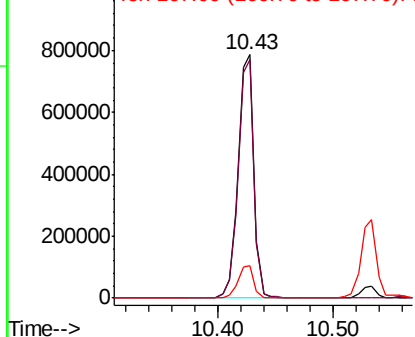


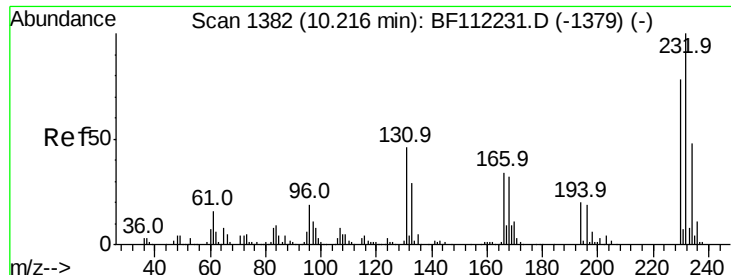
#58
Fluorene
Concen: 49.199 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:166 Resp: 742803
Ion Ratio Lower Upper
166 100
165 97.9 77.1 115.7
167 13.2 11.3 16.9



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

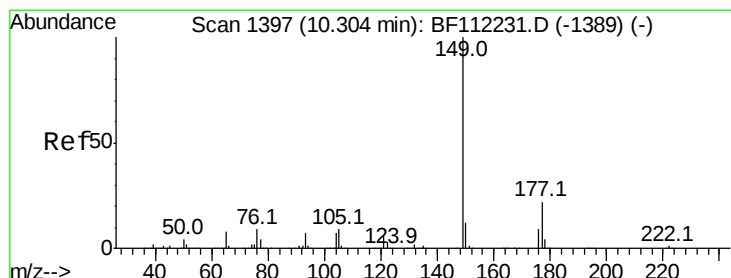
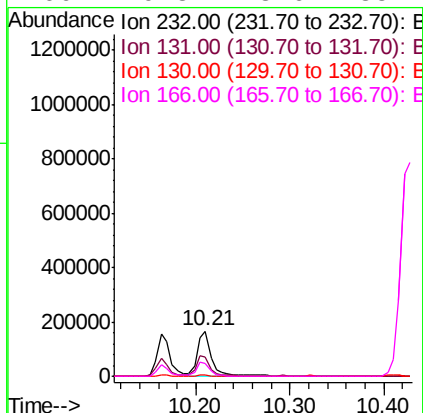
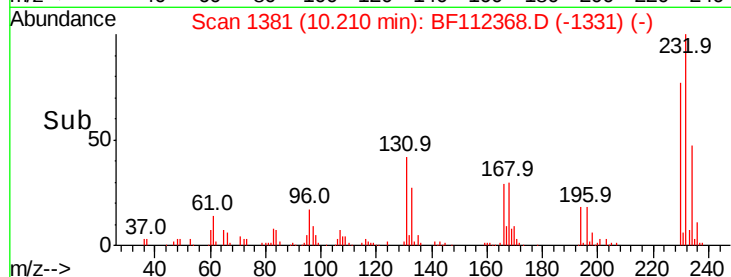
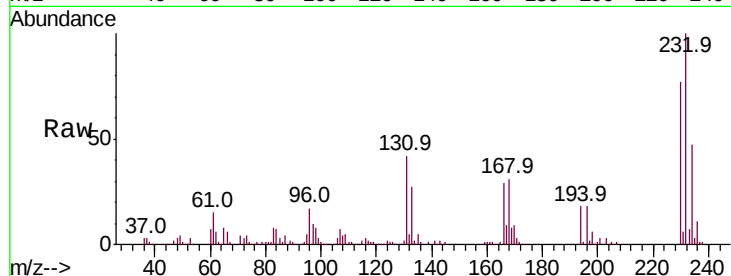




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.635 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

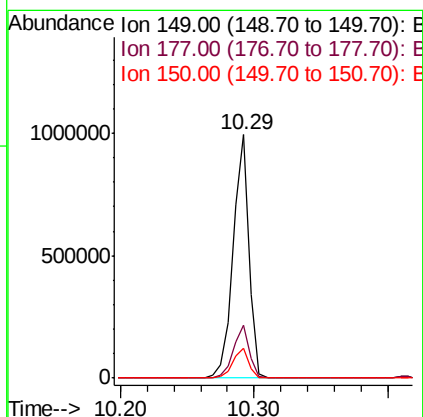
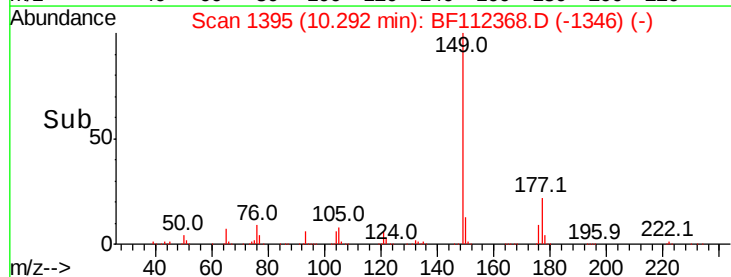
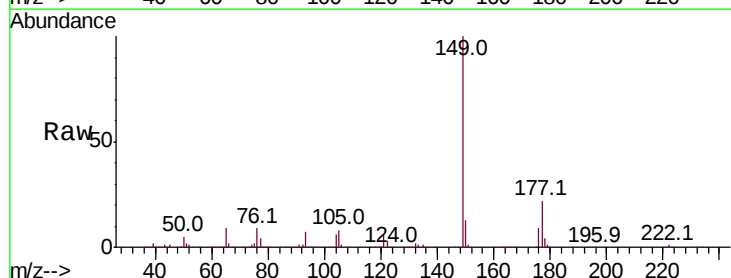
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

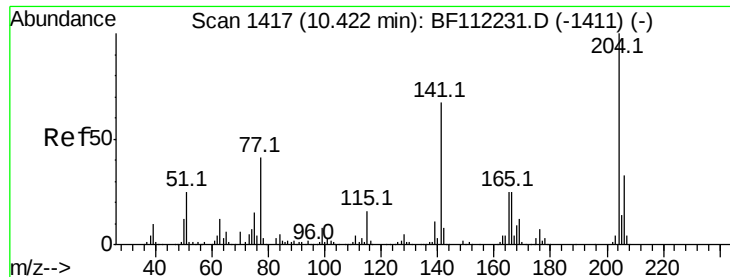
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.9	50.9
130	2.4	1.8	2.6
166	29.8	23.6	35.4



#60
 Diethylphthalate
 Concen: 48.907 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.2	27.2
150	12.5	10.4	15.6

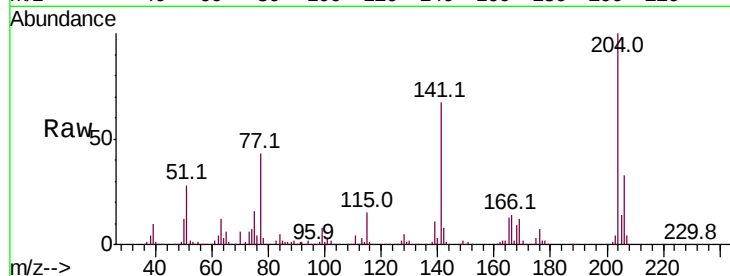




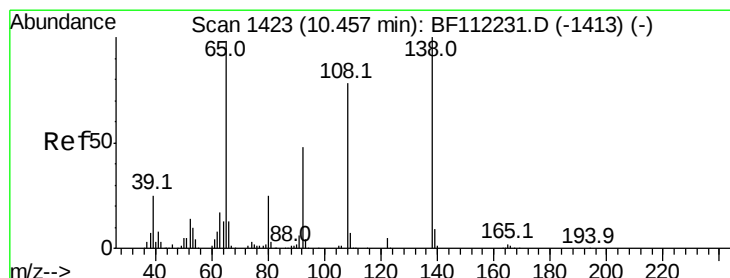
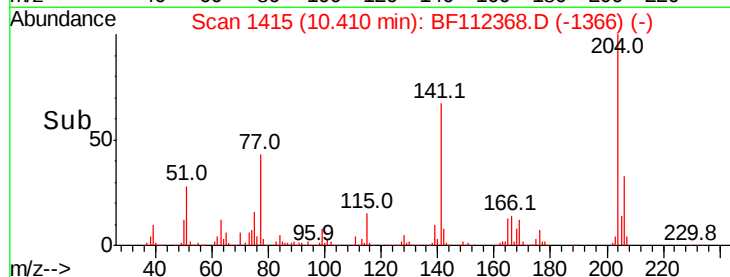
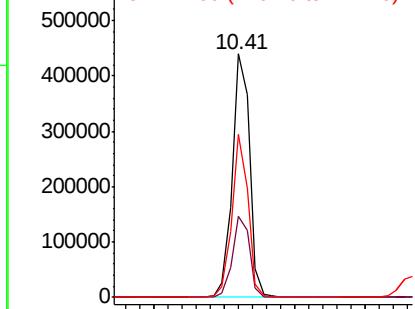
#61
4-Chlorophenyl-phenylether
Concen: 45.698 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:204 Resp: 375310
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 67.1 45.9 68.9

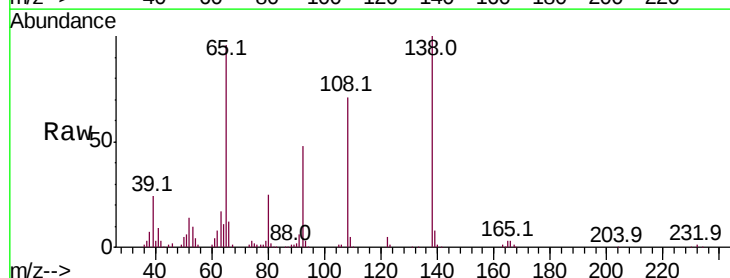


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

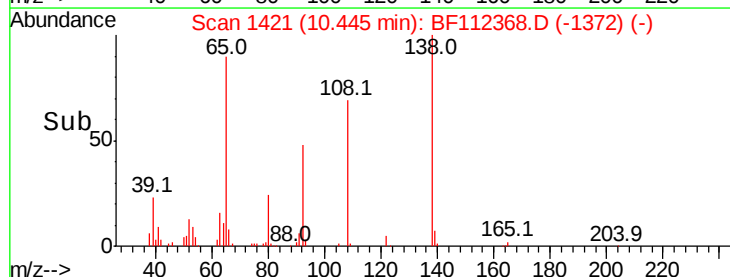
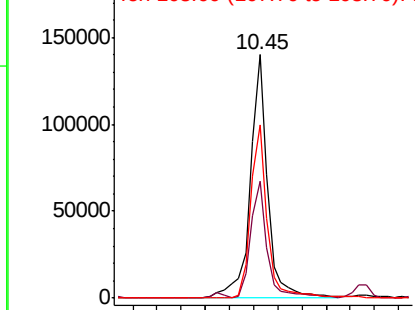


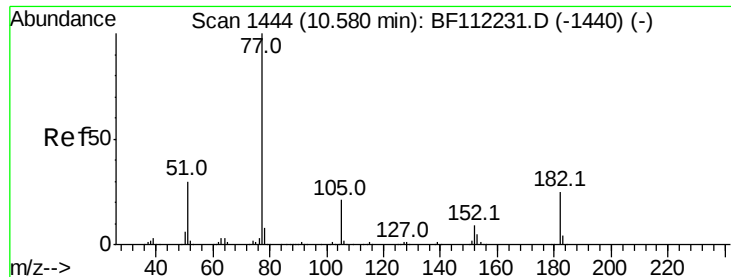
#62
4-Nitroaniline
Concen: 34.689 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:138 Resp: 142667
Ion Ratio Lower Upper
138 100
92 48.0 30.6 70.6
108 71.1 50.0 90.0



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

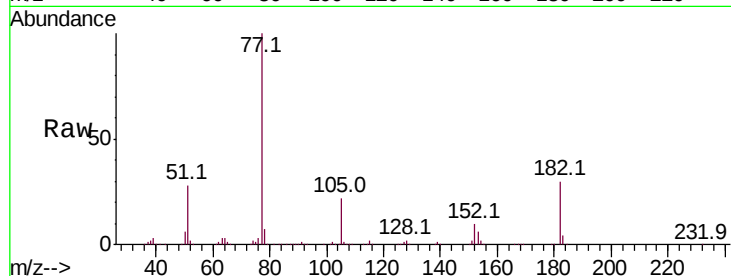




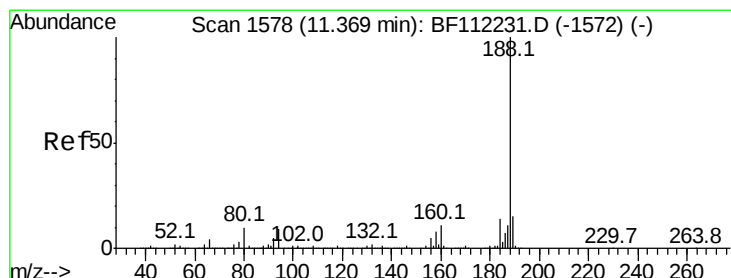
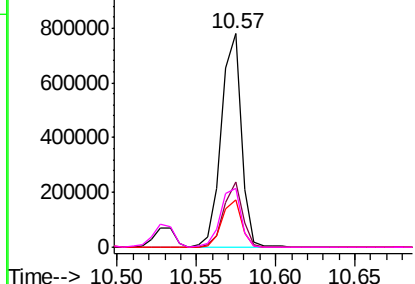
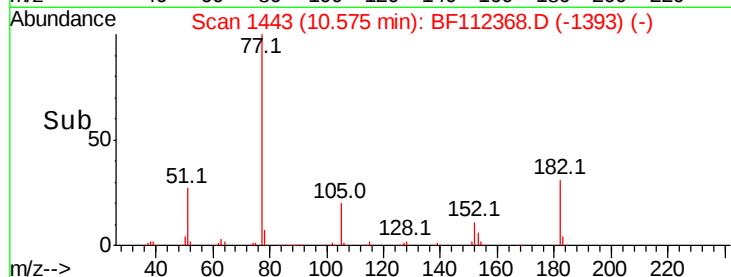
#63
Azobenzene
Concen: 45.141 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion: 77 Resp: 680845
Ion Ratio Lower Upper
77 100
182 30.5 5.7 45.7
105 22.4 1.4 41.4
51 27.5 9.5 49.5

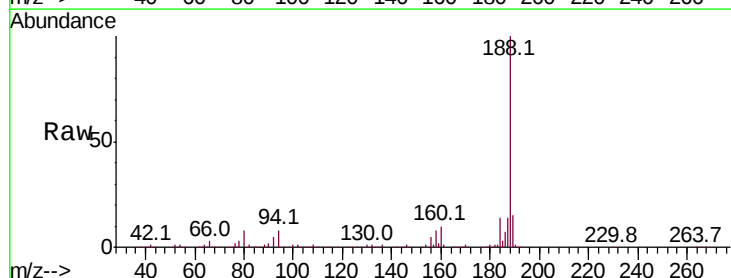


Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000 Ion 182.00 (181.70 to 182.70): BF1
1000000 Ion 105.00 (104.70 to 105.70): BF1
500000 Ion 51.00 (50.70 to 51.70): BF1

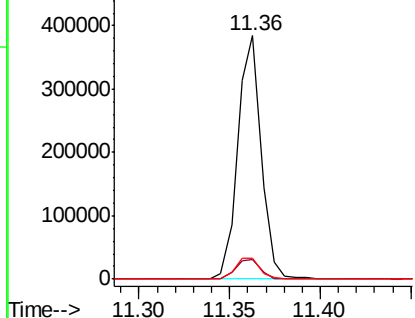
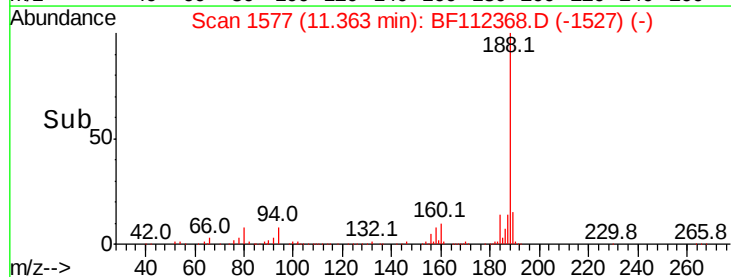


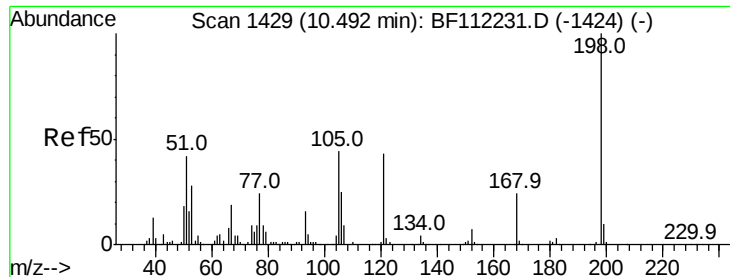
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion: 188 Resp: 345683
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.3 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): BF1
500000 Ion 94.00 (93.70 to 94.70): BF1
400000 Ion 80.00 (79.70 to 80.70): BF1

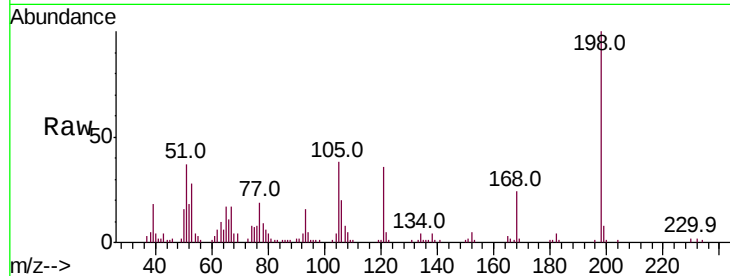




#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.447 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.1	17.2	57.2
105	38.3	21.9	61.9

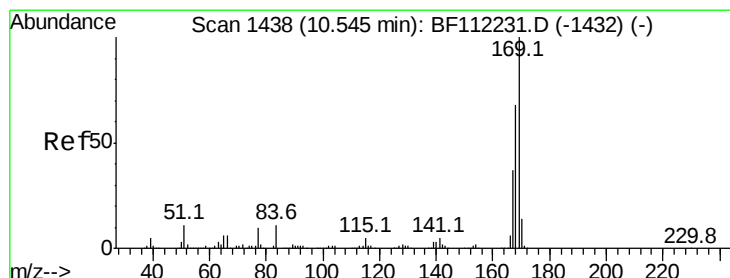
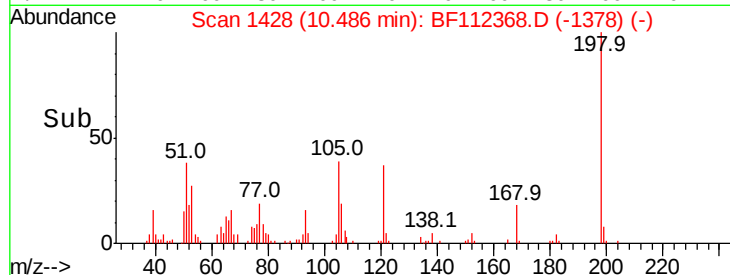
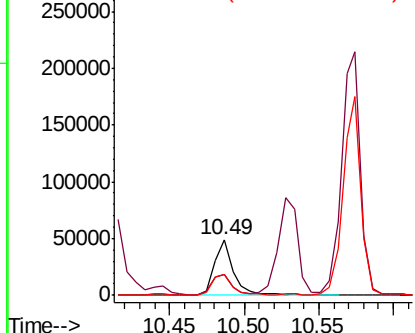


Abundance

Ion 198.00 (197.70 to 198.70): E

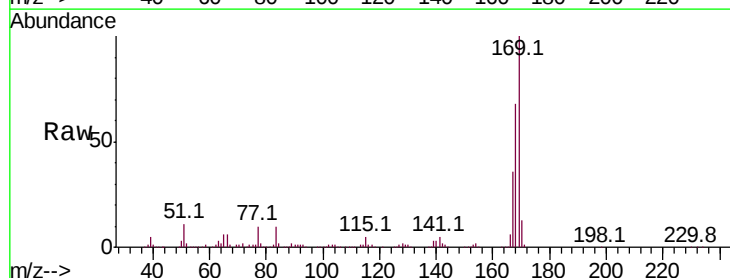
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 55.191 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	36.0	28.9	43.3

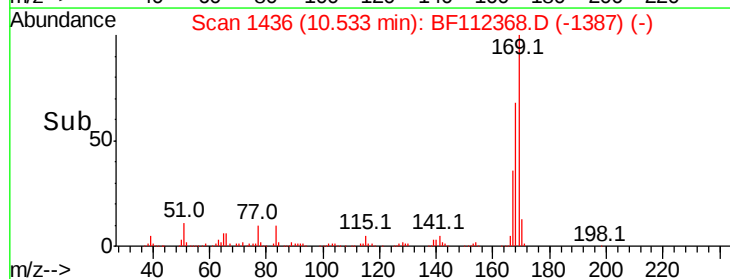
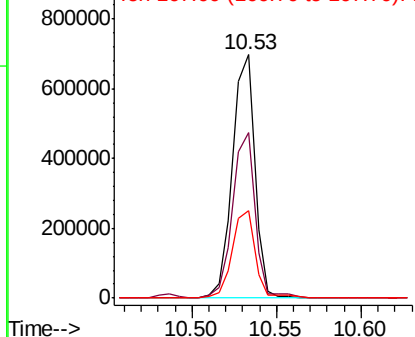


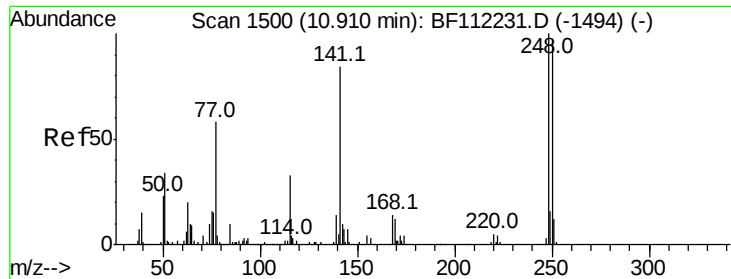
Abundance

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

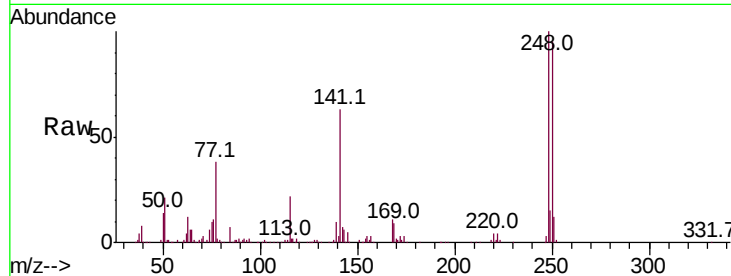




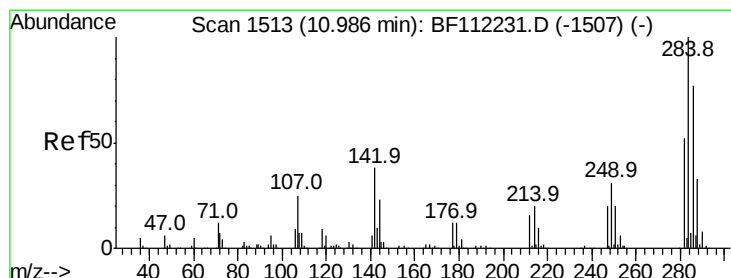
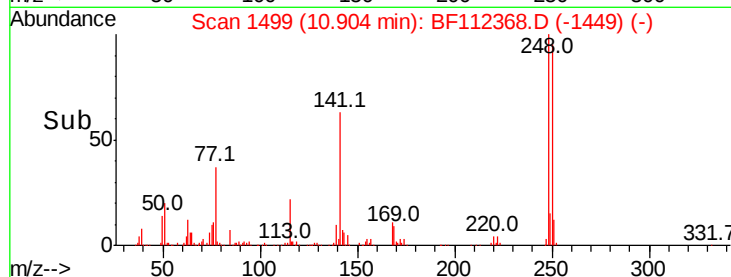
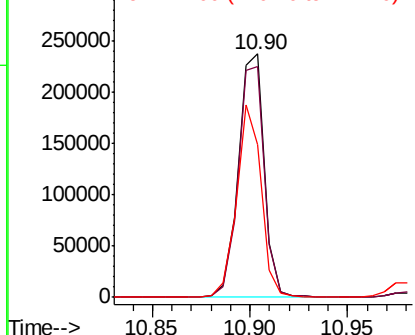
#67
4-Bromophenyl-phenylether
Concen: 53.447 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:248 Resp: 217300
Ion Ratio Lower Upper
248 100
250 94.8 79.7 119.5
141 62.7 60.3 90.5

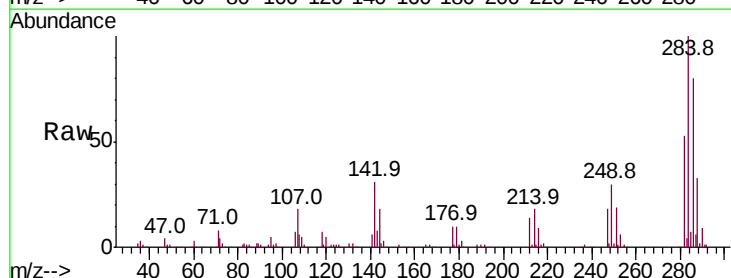


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

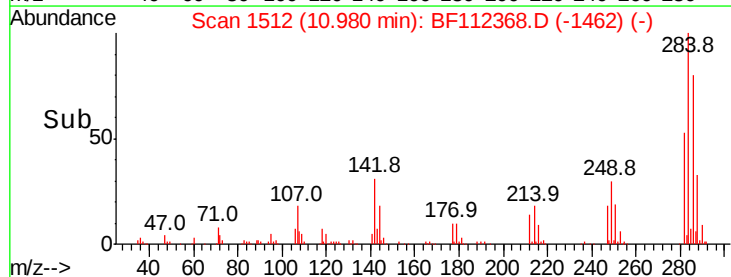
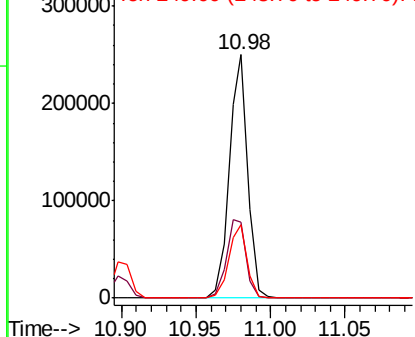


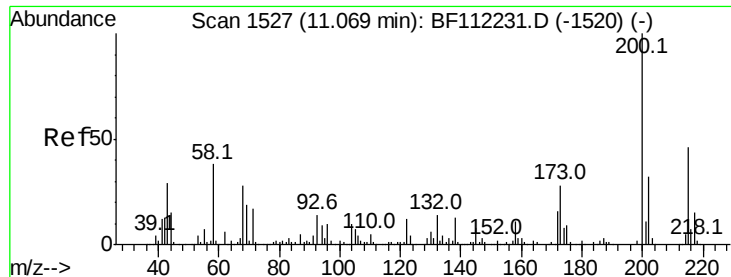
#68
Hexachlorobenzene
Concen: 50.107 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:284 Resp: 218567
Ion Ratio Lower Upper
284 100
142 31.1 27.6 41.4
249 30.3 24.1 36.1



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

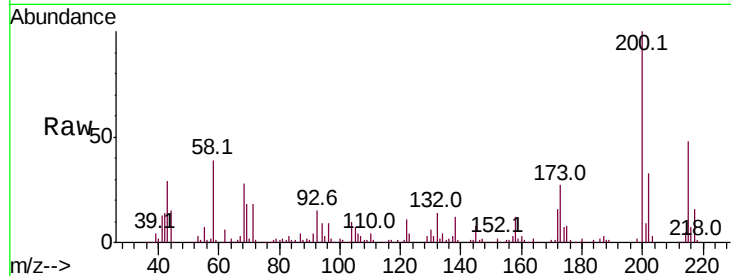




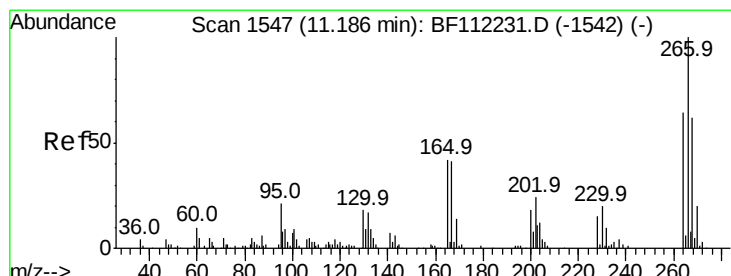
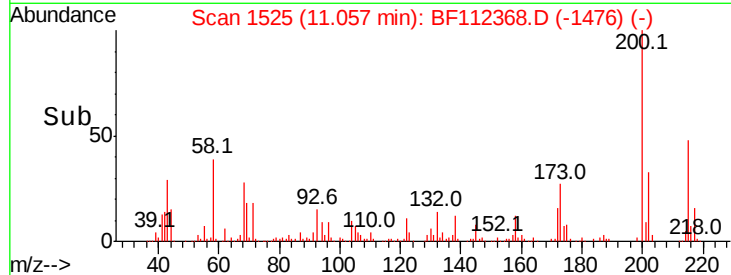
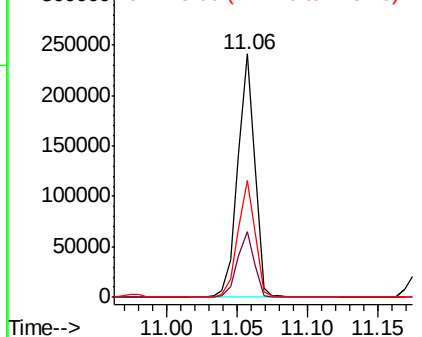
#69
Atrazine
Concen: 54.067 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:200 Resp: 203252
Ion Ratio Lower Upper
200 100
173 27.2 7.1 47.1
215 48.1 30.4 70.4

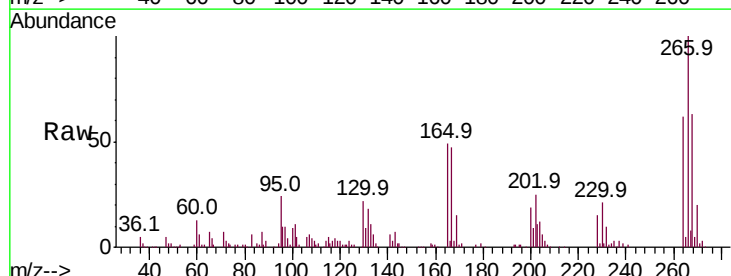


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

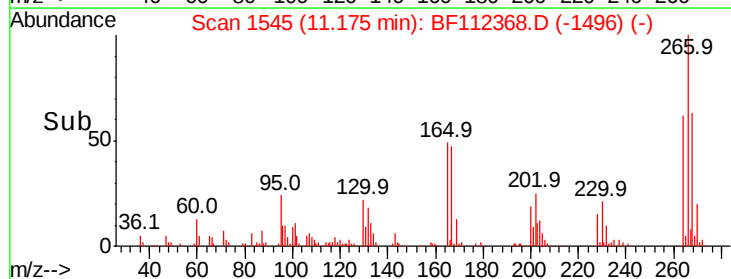
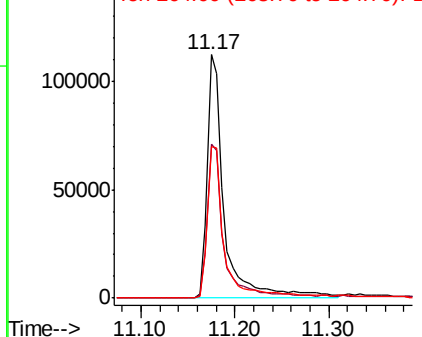


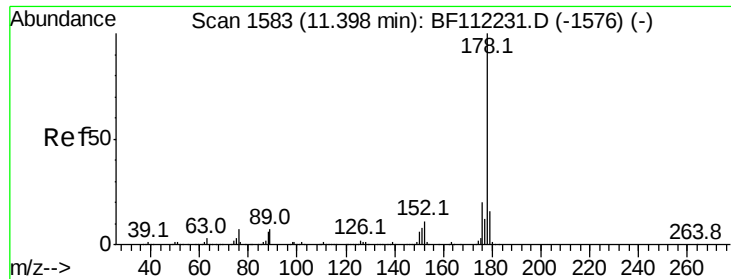
#70
Pentachlorophenol
Concen: 84.753 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:266 Resp: 143851
Ion Ratio Lower Upper
266 100
268 63.4 51.2 76.8
264 62.0 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

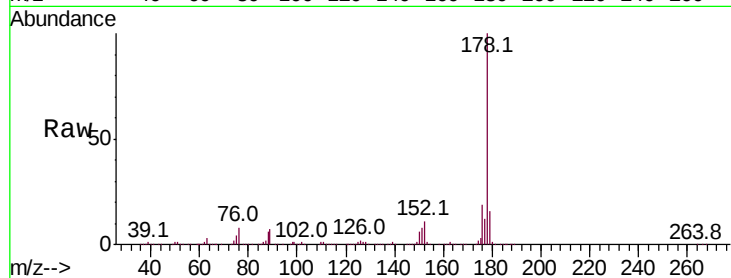




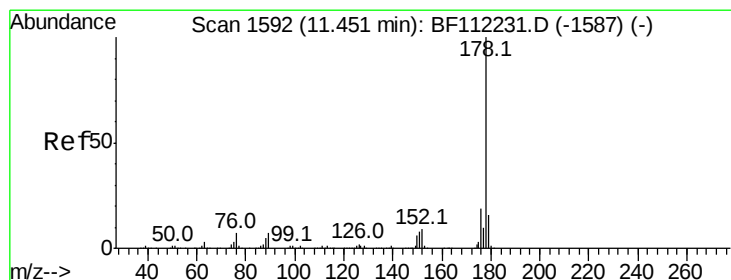
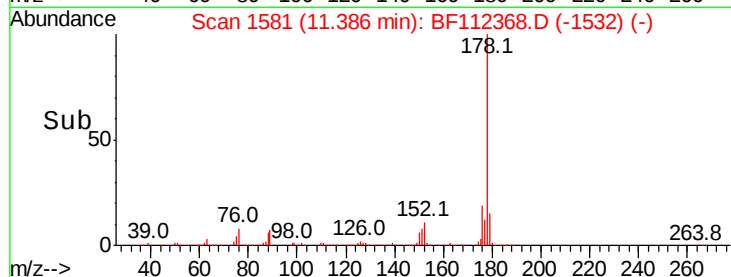
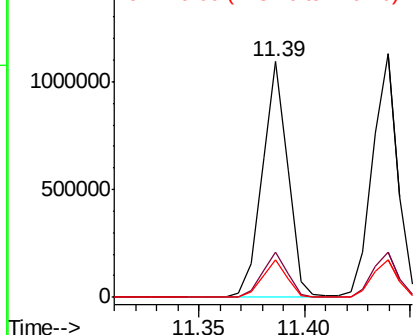
#71
Phenanthrene
Concen: 51.291 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:178 Resp: 921776
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.7 13.0 19.4

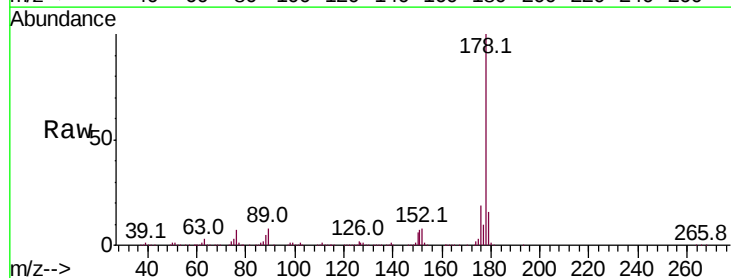


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

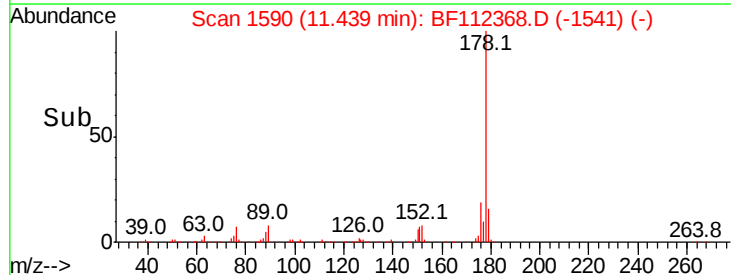
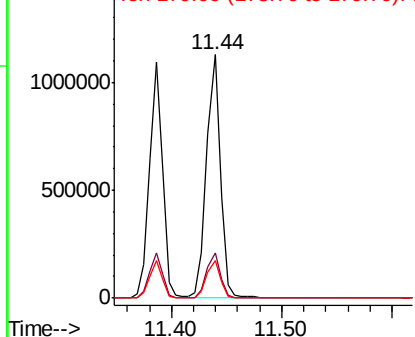


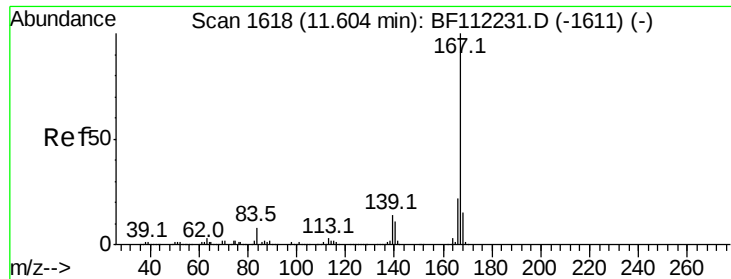
#72
Anthracene
Concen: 53.162 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:178 Resp: 951709
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.7 12.8 19.2



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

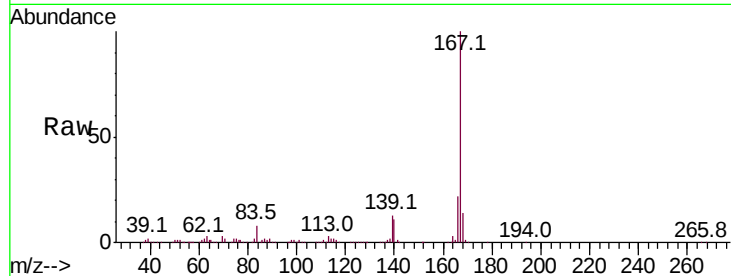




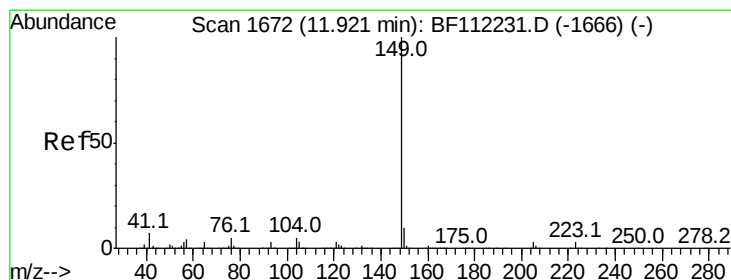
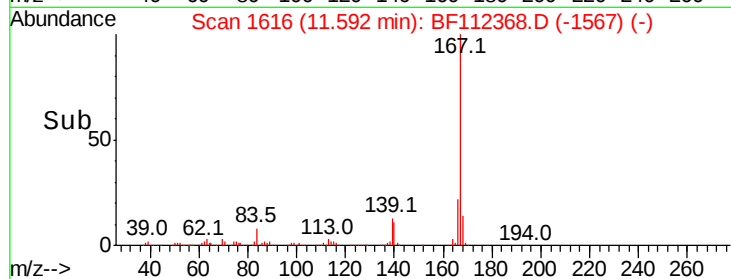
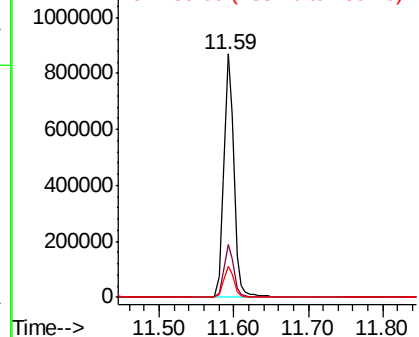
#73
 Carbazole
 Concen: 45.810 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.0	10.2	15.2

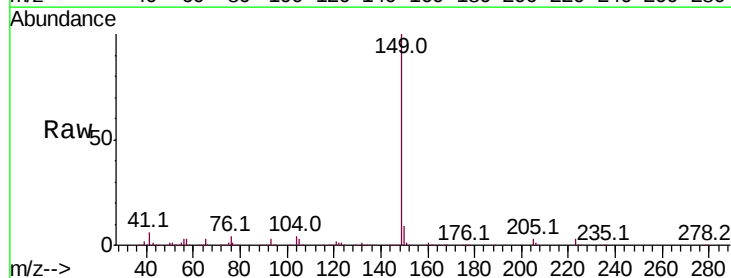


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

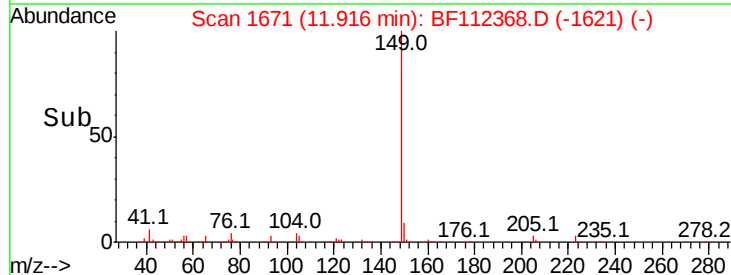
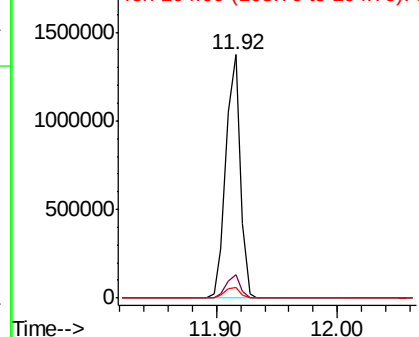


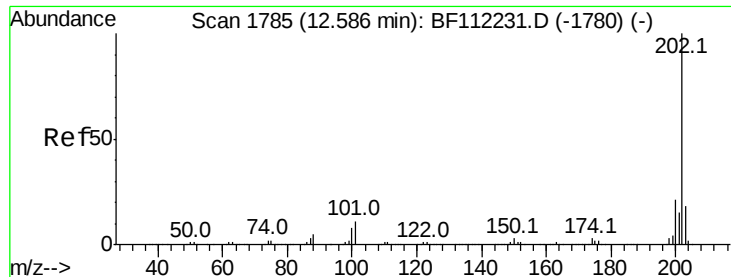
#74
 Di-n-butylphthalate
 Concen: 51.314 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.5	3.9	5.9



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

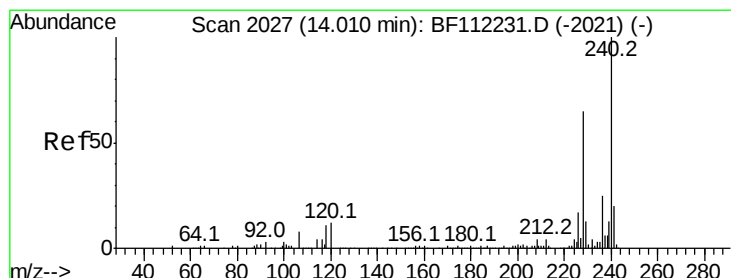
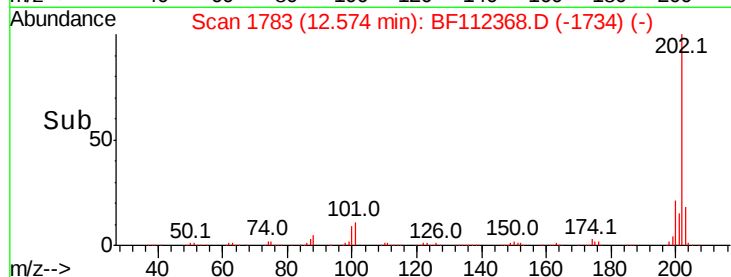
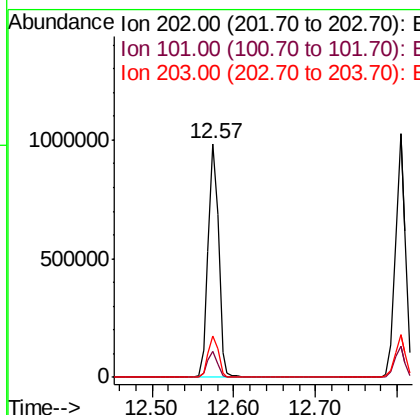
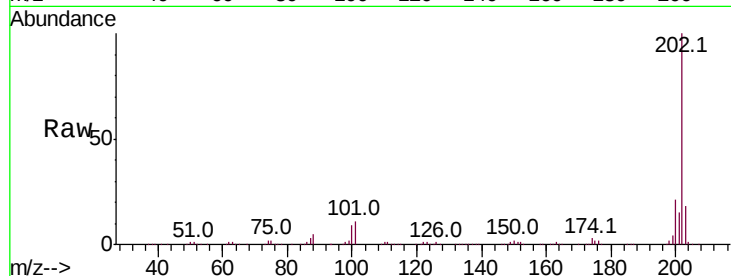




#75
 Fluoranthene
 Concen: 45.471 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

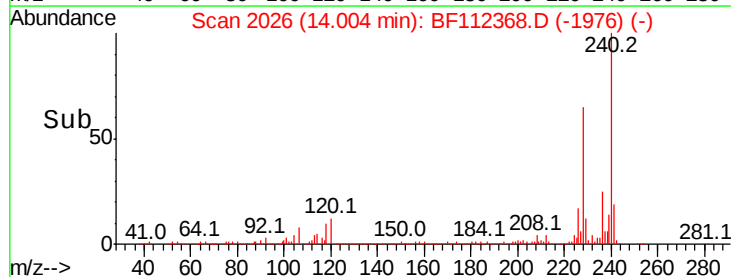
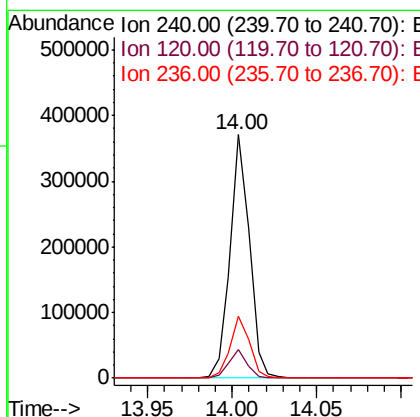
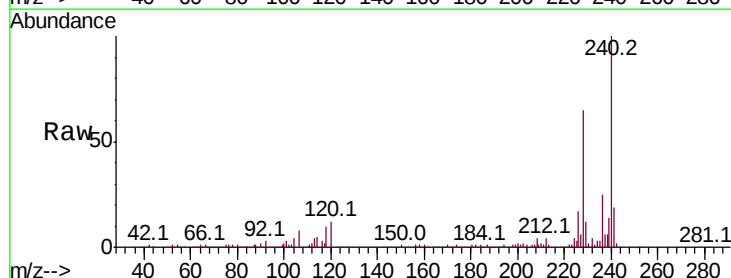
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

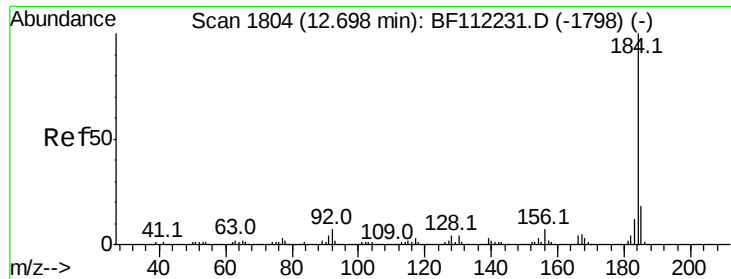
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.8
203	17.8	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112368.D
 Acq: 1 Feb 2019 22:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 53.501 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

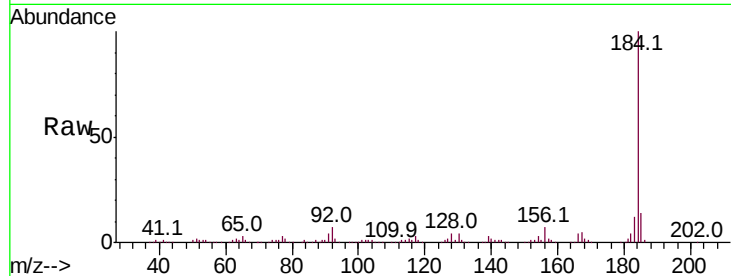
Tot Ion:184 Resp: 436777

Ion Ratio Lower Upper

184 100

185 14.2 13.9 20.9

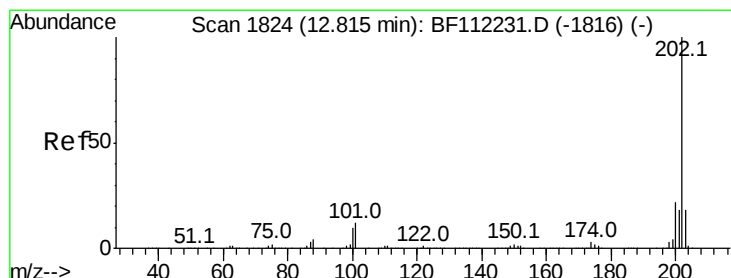
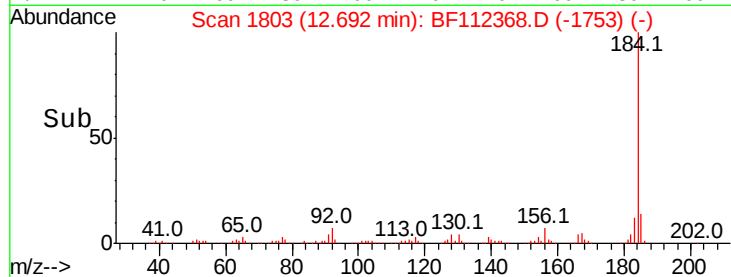
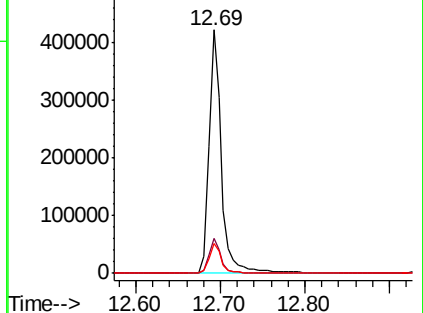
183 12.0 10.0 15.0



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: 43.318 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

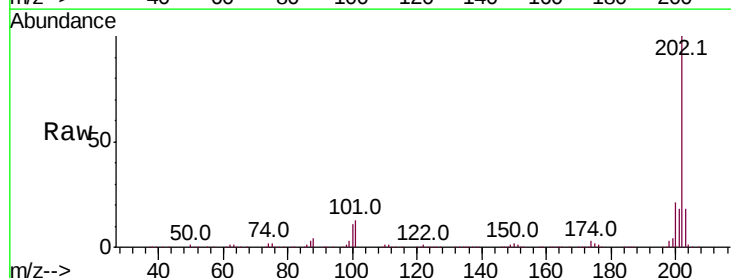
Tgt Ion:202 Resp: 889592

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

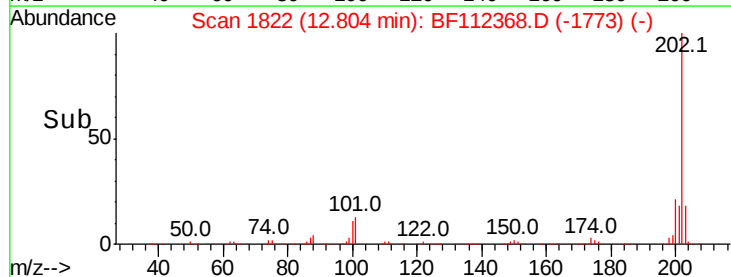
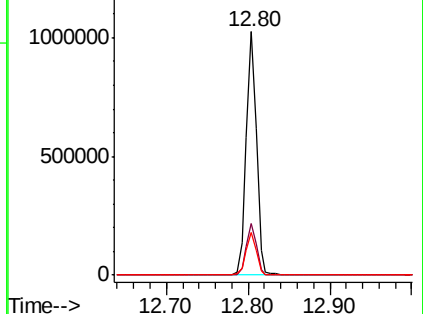
203 17.6 14.6 22.0

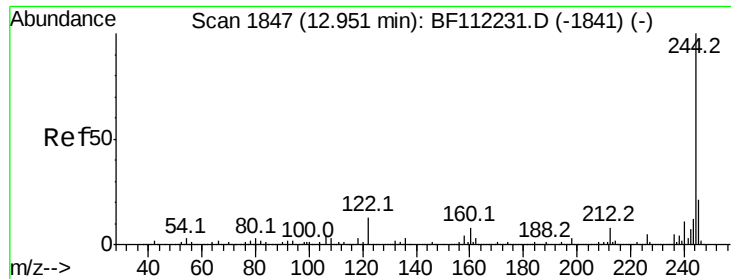


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.378 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

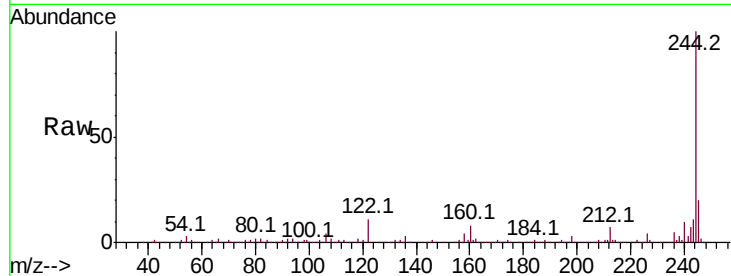
Tot Ion:244 Resp: 1108365

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

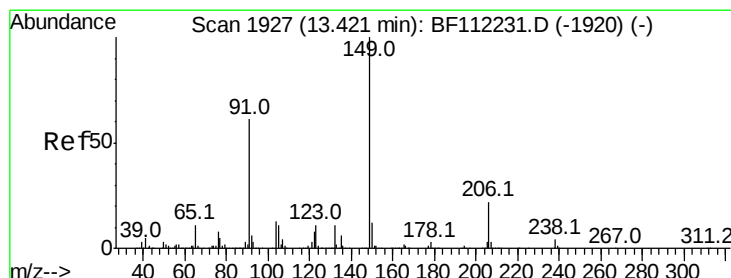
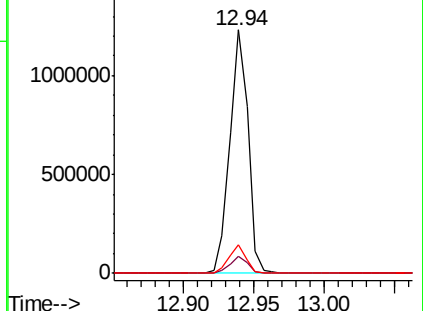
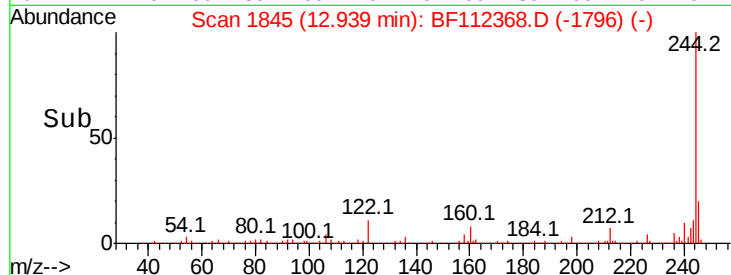
122 11.5 9.8 14.6



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: 41.557 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

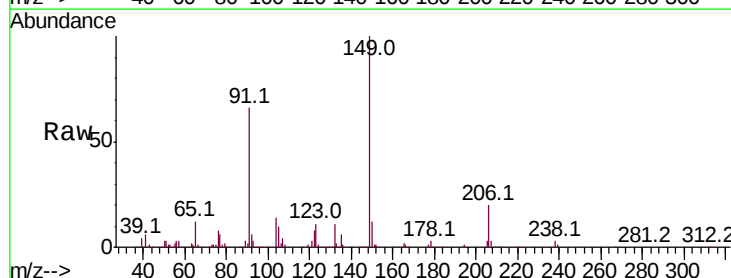
Tgt Ion:149 Resp: 412896

Ion Ratio Lower Upper

149 100

91 66.0 50.3 75.5

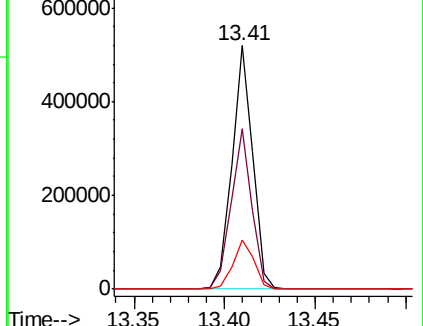
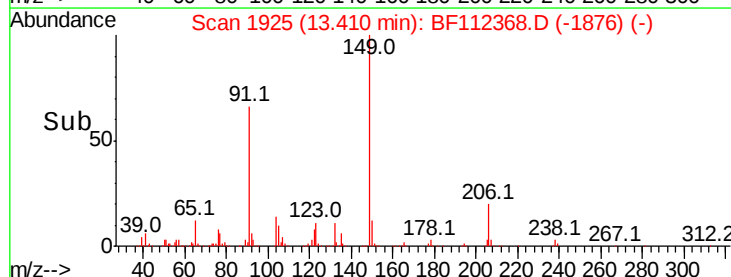
206 19.9 18.2 27.4

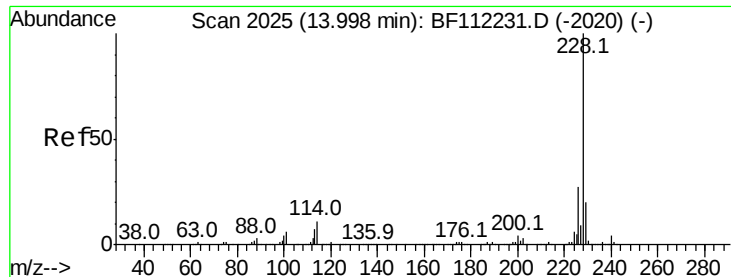


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

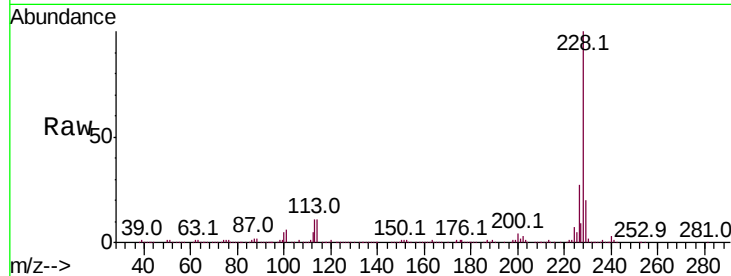




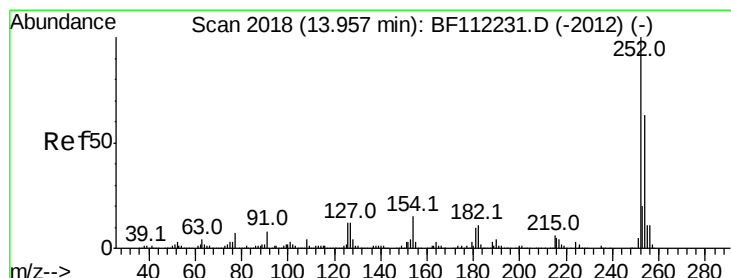
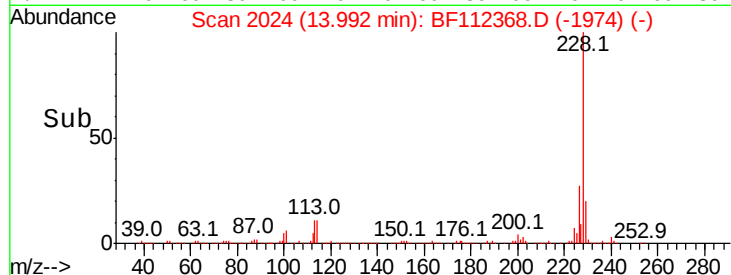
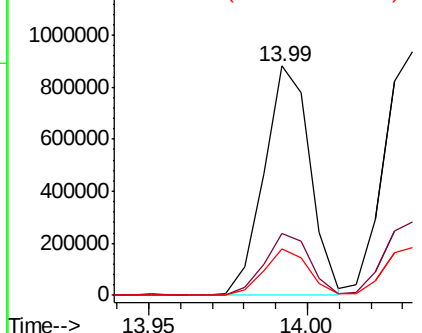
#81
Benzo(a)anthracene
Concen: 50.906 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:228 Resp: 887637
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 20.2 16.5 24.7

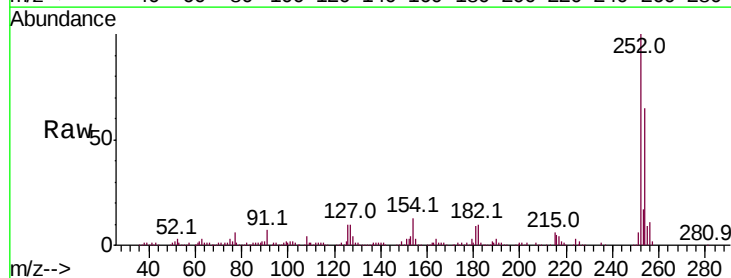


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

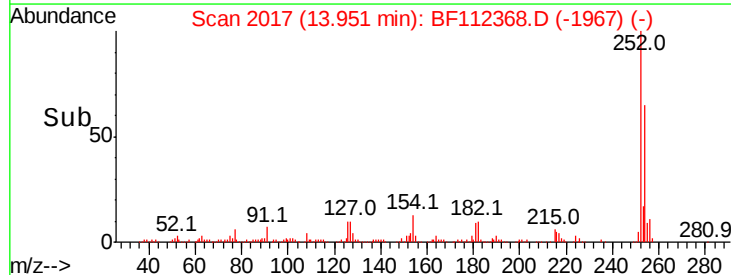
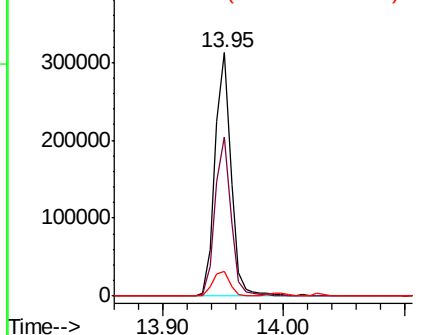


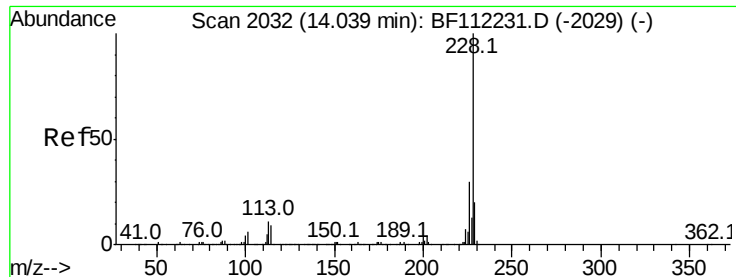
#82
3,3'-Dichlorobenzidine
Concen: 43.704 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:252 Resp: 285198
Ion Ratio Lower Upper
252 100
254 65.3 51.6 77.4
126 10.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 51.446 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

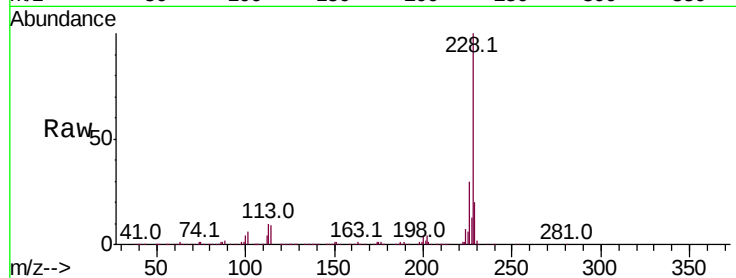
Tot Ion:228 Resp: 856280

Ion Ratio Lower Upper

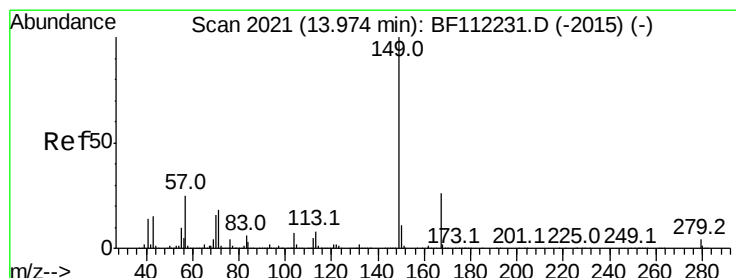
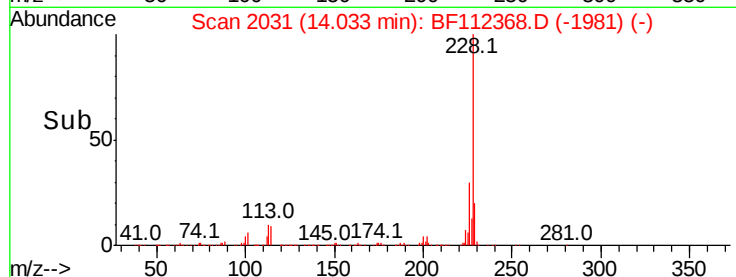
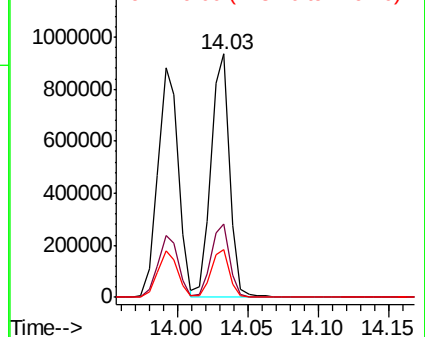
228 100

226 30.2 25.0 37.6

229 19.5 16.6 24.8



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: 41.790 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

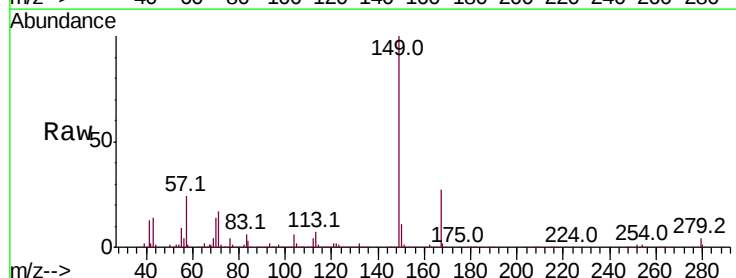
Tgt Ion:149 Resp: 589384

Ion Ratio Lower Upper

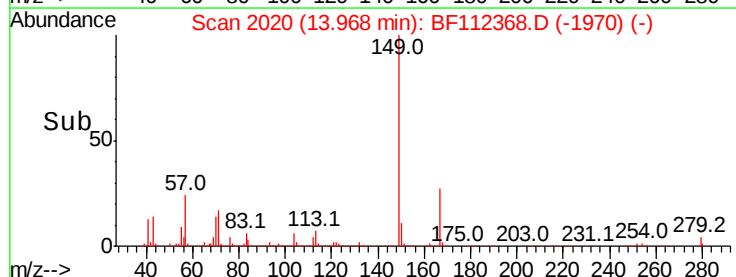
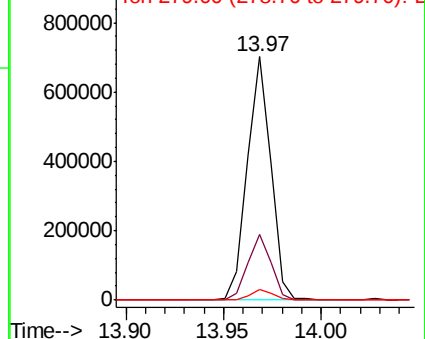
149 100

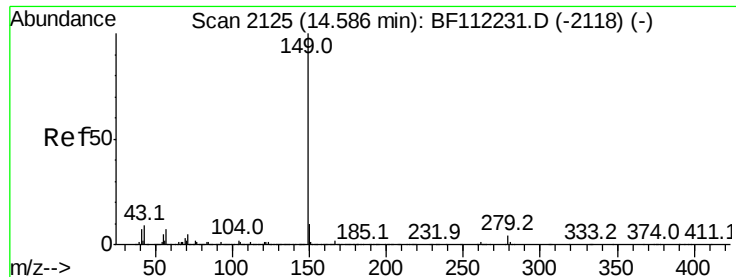
167 26.9 22.5 33.7

279 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.354 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

PB116745BS

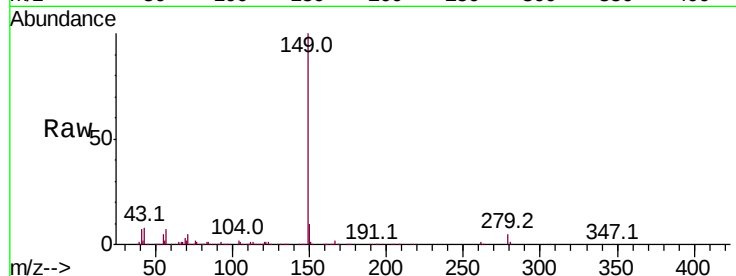
Tot Ion:149 Resp: 1049233

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

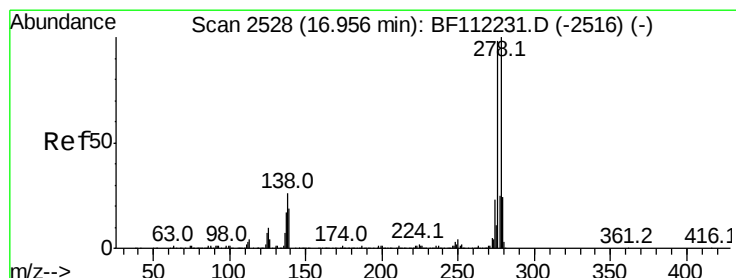
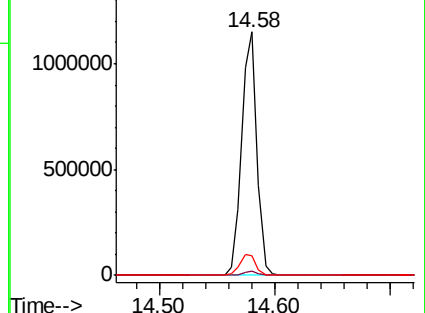
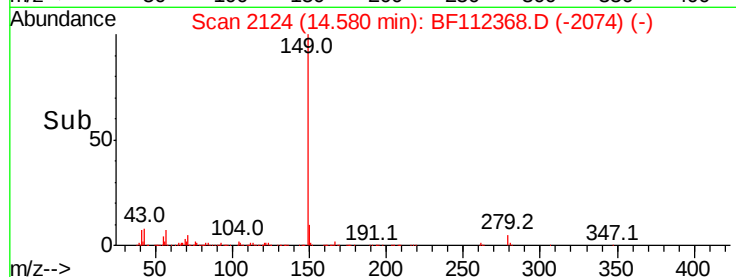
43 8.6 7.8 11.6



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: 60.709 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

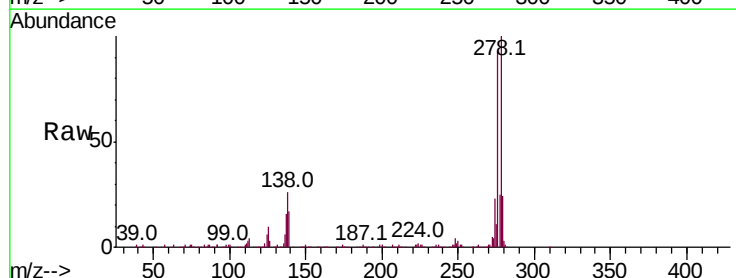
Tgt Ion:276 Resp: 800670

Ion Ratio Lower Upper

276 100

138 26.3 22.6 34.0

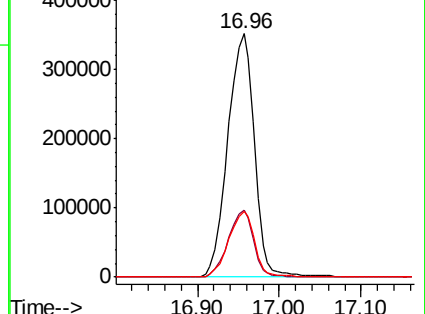
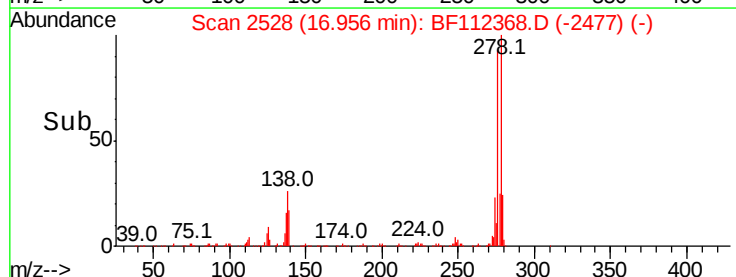
277 26.2 20.3 30.5

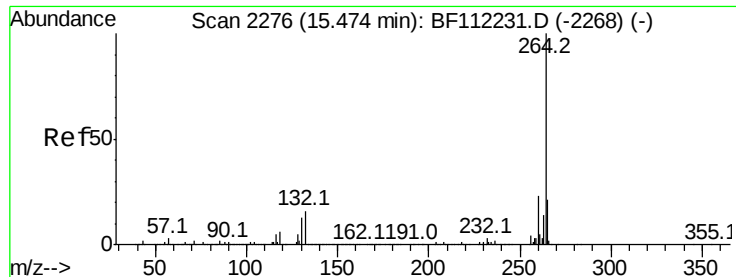


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

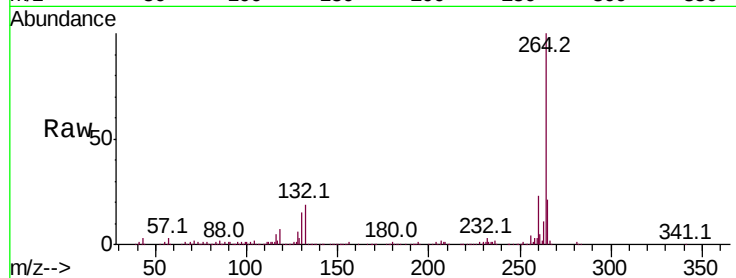




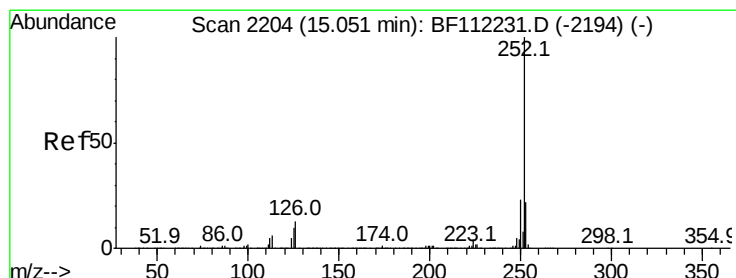
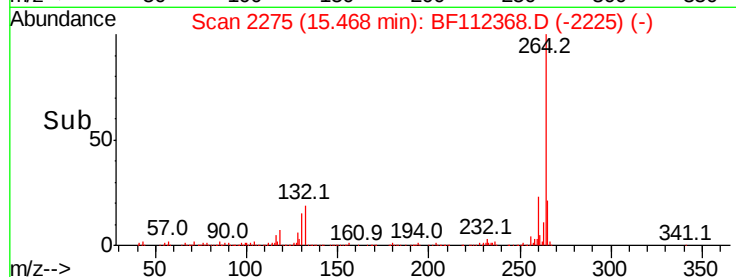
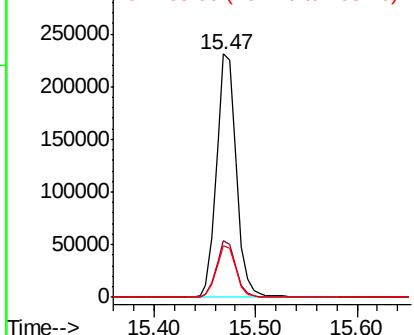
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:264 Resp: 313305
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.2
265 21.0 17.0 25.4

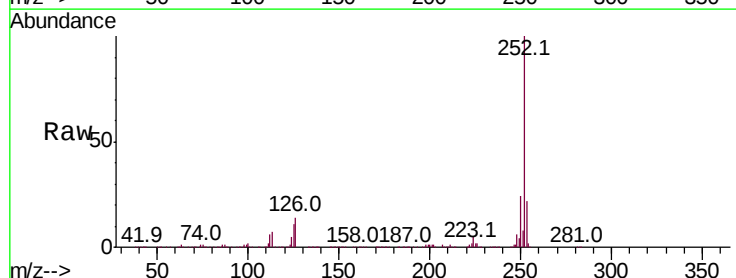


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

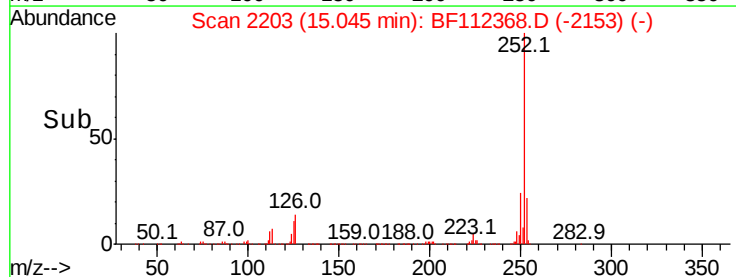
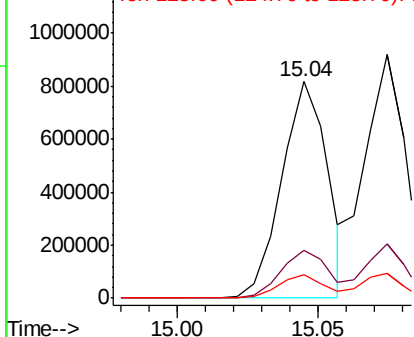


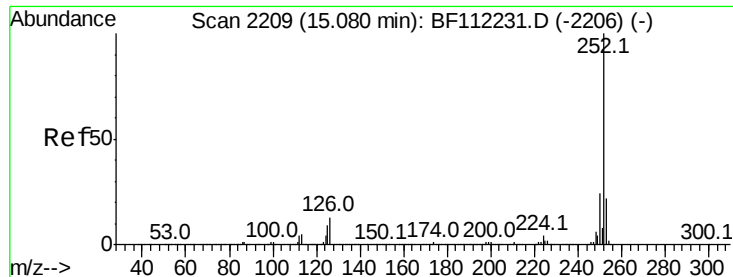
#88
Benzo(b)fluoranthene
Concen: 48.985 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:252 Resp: 917833
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.9 8.7 13.1



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

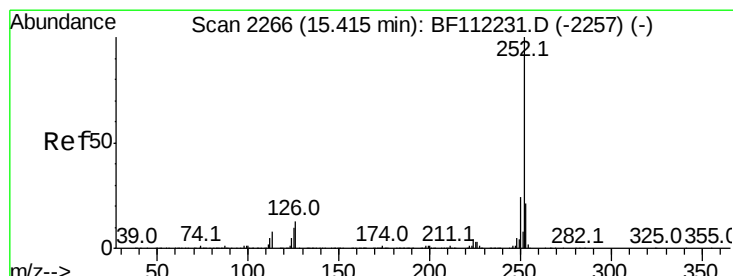
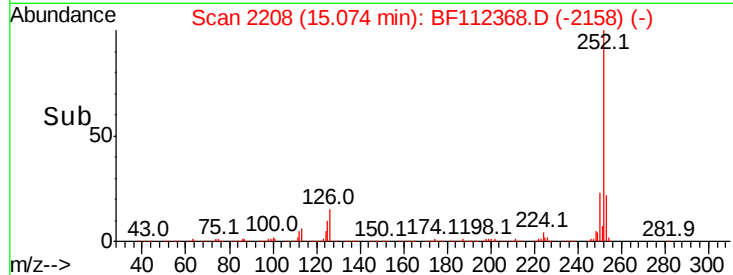
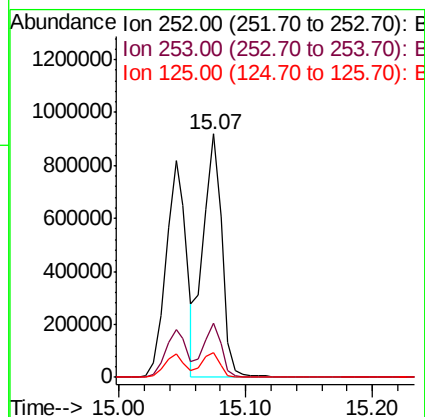
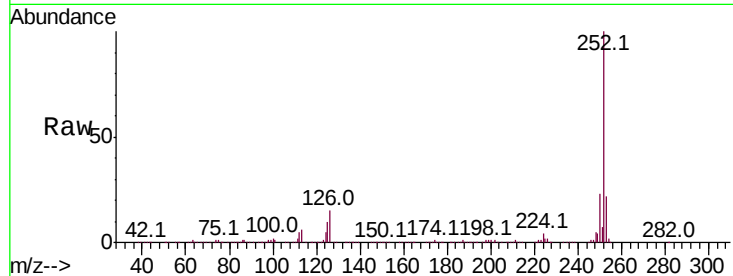




#89
Benzo(k)fluoranthene
Concen: 52.449 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

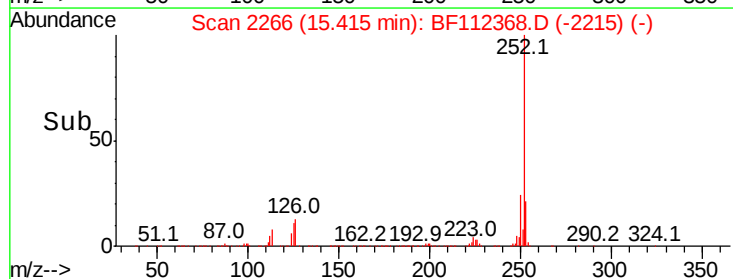
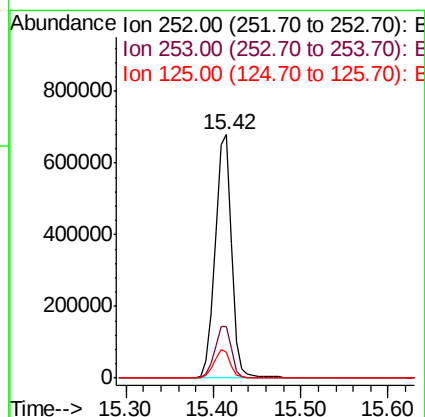
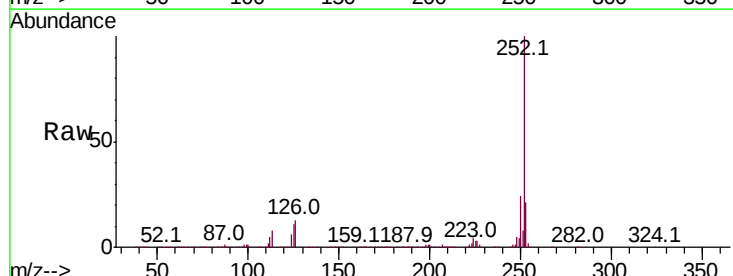
Instrument :
BNA_F
ClientSampleId :
PB116745BS

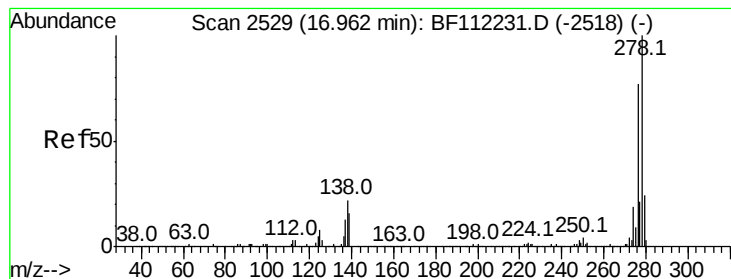
Tot Ion:252 Resp: 941333
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 53.003 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112368.D
Acq: 1 Feb 2019 22:55

Tgt Ion:252 Resp: 893599
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 51.369 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Instrument :

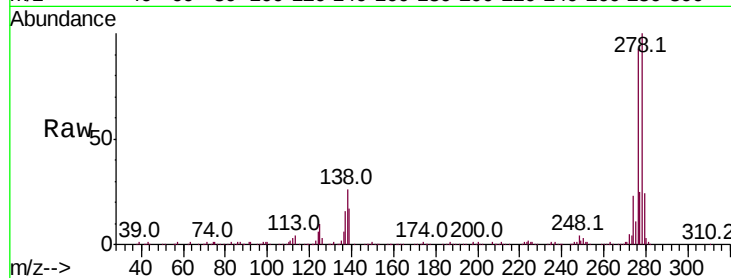
BNA_F

ClientSampleId :

PB116745BS

Tot Ion:278 Resp: 697987

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.7	20.5
279	24.2	19.0	28.6

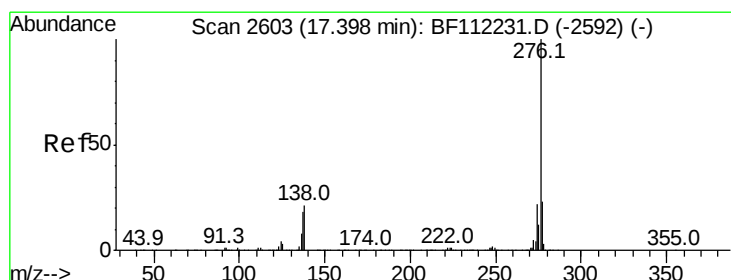
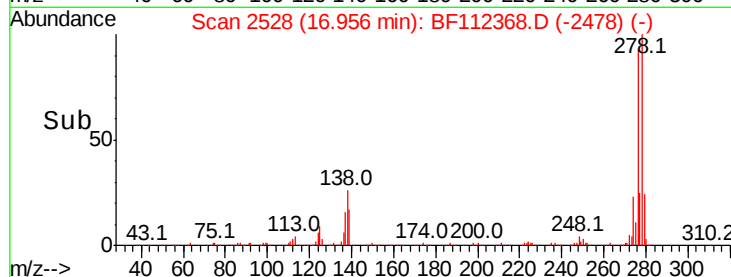
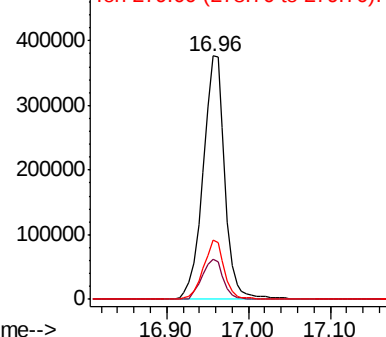


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.202 ng

RT: 17.40 min Scan# 2603

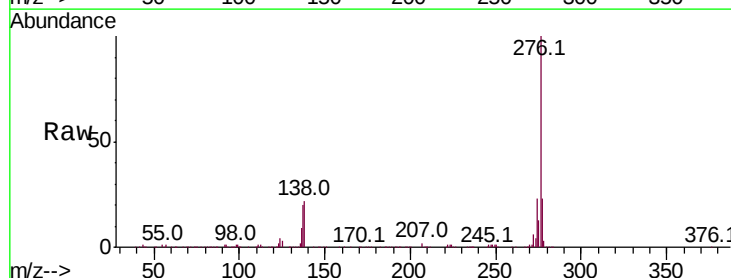
Delta R.T. 0.00 min

Lab File: BF112368.D

Acq: 1 Feb 2019 22:55

Tgt Ion:276 Resp: 617924

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	21.8	19.1	28.7



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

