

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110959.D
 Acq On : 26 Nov 2018 13:05
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Quant Time: Nov 26 15:28:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	67718	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	296623	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	142481	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	272010	20.00	ng	0.00
76) Chrysene-d12	14.13	240	210103	20.00	ng	0.00
87) Perylene-d12	15.67	264	156176	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	346081	84.75	ng	0.00
7) Phenol-d6	6.57	99	433317	81.43	ng	0.00
23) Nitrobenzene-d5	7.51	82	419013	80.84	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	117575	83.09	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	795505	80.89	ng	0.00
79) Terphenyl-d14	13.06	244	835718	77.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	81944	41.885	ng	91
3) Pyridine	3.55	79	169813	39.639	ng	# 82
4) n-Nitrosodimethylamine	3.52	42	82069	41.866	ng	86
6) Aniline	6.60	93	275200	41.833	ng	# 57
8) 2-Chlorophenol	6.72	128	199897	41.305	ng	96
9) Benzaldehyde	6.50	77	117529	41.845	ng	100
10) Phenol	6.58	94	251046	41.890	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	183726	40.692	ng	96
12) 1,3-Dichlorobenzene	6.87	146	219625	41.310	ng	99
13) 1,4-Dichlorobenzene	6.96	146	223289	40.841	ng	99
14) 1,2-Dichlorobenzene	7.11	146	209274	40.670	ng	99
15) Benzyl Alcohol	7.09	79	173121	42.332	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	292457	40.701	ng	78
17) 2-Methylphenol	7.19	107	157132	40.836	ng	# 85
18) Hexachloroethane	7.44	117	83025	41.283	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	144365	41.647	ng	98
20) 3+4-Methylphenols	7.35	107	206678	40.406	ng	91
22) Acetophenone	7.35	105	280885	40.399	ng	# 93
24) Nitrobenzene	7.53	77	217026	40.266	ng	97
25) Isophorone	7.76	82	337442	39.690	ng	97
26) 2-Nitrophenol	7.85	139	109528	41.827	ng	92
27) 2,4-Dimethylphenol	7.87	122	162355	41.056	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	231183	40.589	ng	98
29) 2,4-Dichlorophenol	8.08	162	169931	41.065	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	188453	40.637	ng	95
31) Naphthalene	8.25	128	559910	40.269	ng	99
32) Benzoic acid	8.03	122	105673	35.942	ng	95
33) 4-Chloroaniline	8.30	127	238413	40.285	ng	99
34) Hexachlorobutadiene	8.35	225	107035	40.523	ng	98
35) Caprolactam	8.69	113	56160	39.753	ng	# 87
36) 4-Chloro-3-methylphenol	8.78	107	185445	40.333	ng	94
37) 2-Methylnaphthalene	8.93	142	365547	39.803	ng	100
38) 1-Methylnaphthalene	9.03	142	350834	39.273	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	182447	40.706	ng	98

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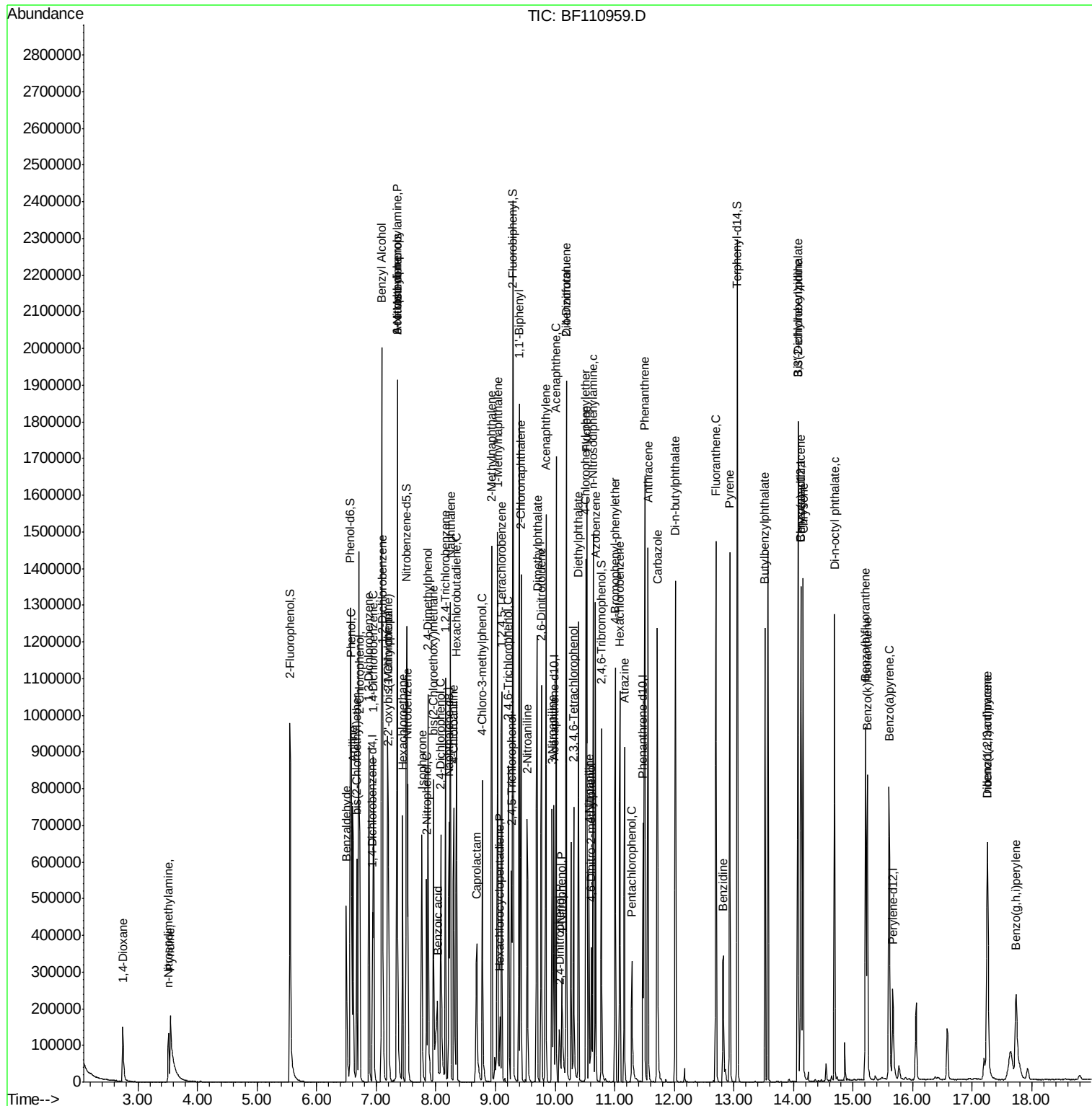
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	18799	41.613	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	112439	42.003	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	117732	41.769	nq	97
46) 1,1'-Biphenyl	9.40	154	533708	40.630	nq	100
47) 2-Chloronaphthalene	9.43	162	384608	40.382	nq	98
48) 2-Nitroaniline	9.53	65	121527	40.794	nq	98
49) Acenaphthylene	9.85	152	549096	40.544	nq	99
50) Dimethylphthalate	9.70	163	419561	40.151	nq	100
51) 2,6-Dinitrotoluene	9.77	165	96128	41.322	nq	98
52) Acenaphthene	10.02	154	350286	40.345	nq	98
53) 3-Nitroaniline	9.95	138	110810	40.869	nq	91
54) 2,4-Dinitrophenol	10.07	184	33724	42.842	nq	91
55) Dibenzofuran	10.19	168	508450	40.142	nq	96
56) 4-Nitrophenol	10.12	139	56415	39.684	nq	98
57) 2,4-Dinitrotoluene	10.19	165	123370	40.876	nq	# 88
58) Fluorene	10.53	166	397927	40.379	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	92295	39.899	nq	93
60) Diethylphthalate	10.39	149	429576	39.865	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	207615	40.278	nq	95
62) 4-Nitroaniline	10.57	138	103896	41.155	nq	98
63) Azobenzene	10.68	77	423400	40.311	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	54753	42.553	nq	92
66) n-Nitrosodiphenylamine	10.64	169	371397	41.015	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	120844	40.792	nq	# 91
68) Hexachlorobenzene	11.09	284	128443	40.706	nq	# 94
69) Atrazine	11.16	200	105862	43.159	nq	97
70) Pentachlorophenol	11.29	266	52338	41.691	nq	98
71) Phenanthrene	11.50	178	578276	40.140	nq	100
72) Anthracene	11.56	178	588915	40.140	nq	99
73) Carbazole	11.72	167	572341	40.192	nq	99
74) Di-n-butylphthalate	12.02	149	674496	40.511	nq	99
75) Fluoranthene	12.70	202	588923	39.774	nq	99
77) Benzidine	12.82	184	175335	32.626	nq	99
78) Pyrene	12.93	202	605825	39.479	nq	99
80) Butylbenzylphthalate	13.52	149	276307	39.882	nq	97
81) Benzo(a)anthracene	14.12	228	491133	39.594	nq	100
82) 3,3'-Dichlorobenzidine	14.08	252	168021	39.504	nq	97
83) Chrysene	14.16	228	485304	39.744	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	373963	40.509	nq	98
85) Di-n-octyl phthalate	14.69	149	605640	41.561	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	334059	38.113	nq	99
88) Benzo(b)fluoranthene	15.21	252	369981	40.326	nq	100
89) Benzo(k)fluoranthene	15.24	252	395926	41.926	nq	99
90) Benzo(a)pyrene	15.60	252	340071	39.820	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	281711	39.980	nq	98
92) Benzo(g,h,i)perylene	17.74	276	270991	39.887	nq	100

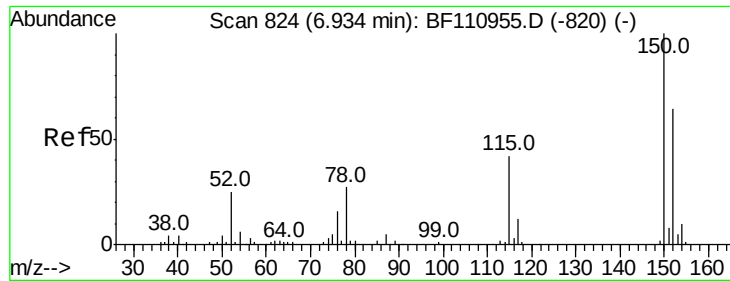
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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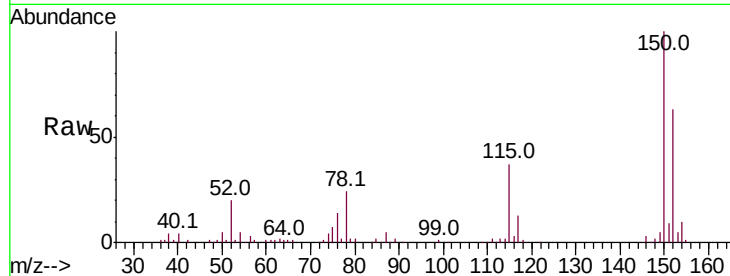


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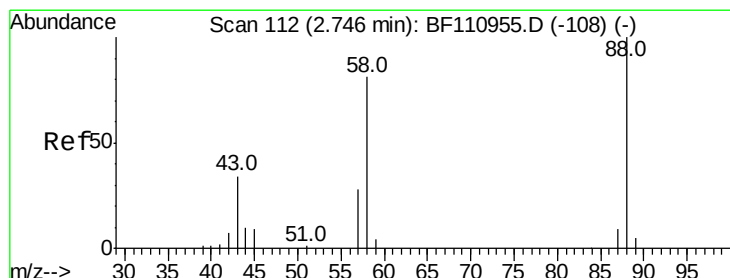
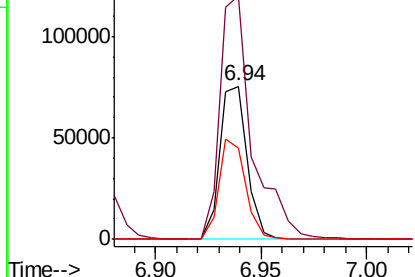
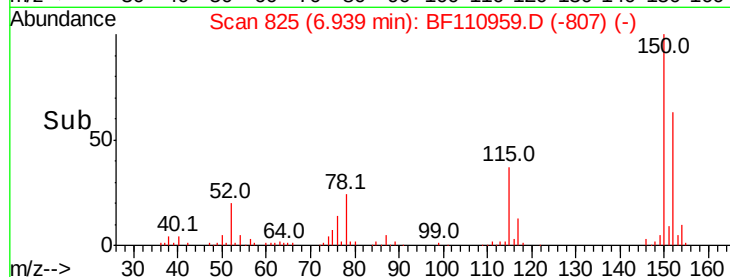
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion:152 Resp: 67718
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 59.7 49.1 73.7



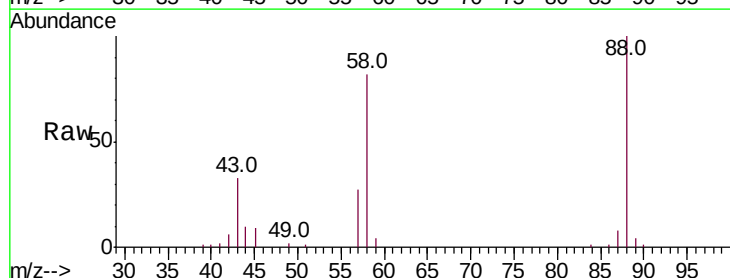
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



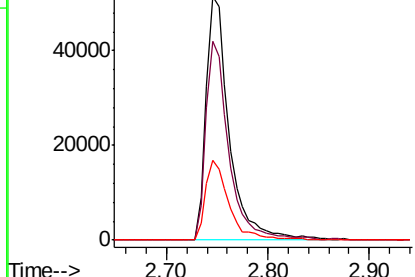
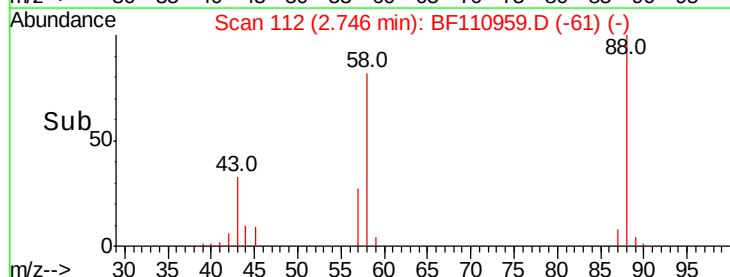
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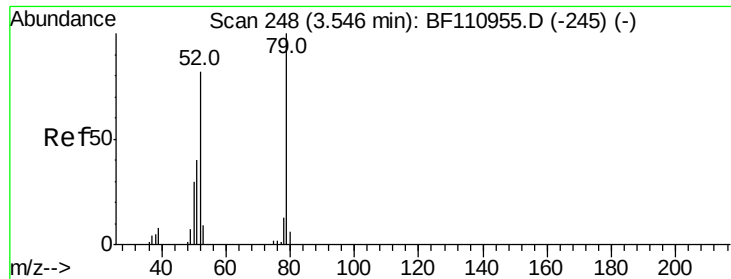
1,4-Dioxane
Concen: 41.885 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion: 88 Resp: 81944
Ion Ratio Lower Upper
88 100
58 80.4 57.1 85.7
43 33.3 24.1 36.1



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: 39.639 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

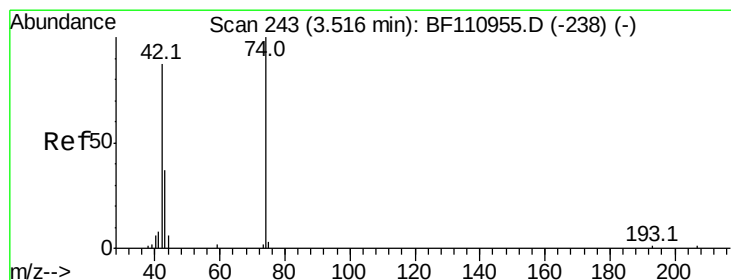
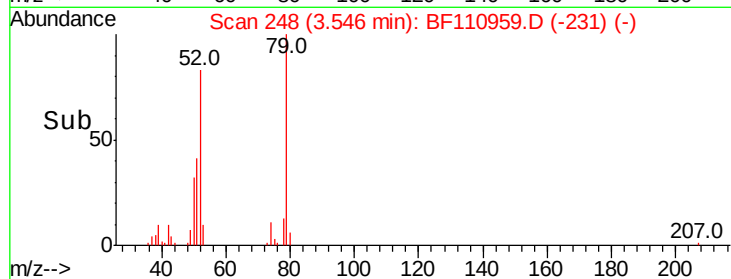
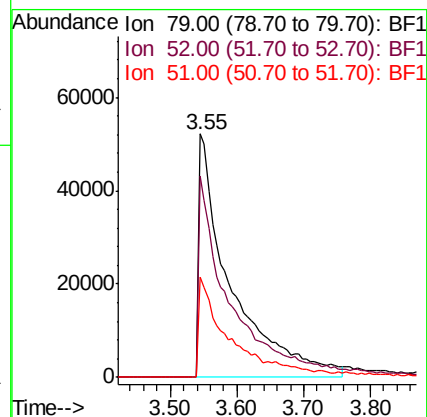
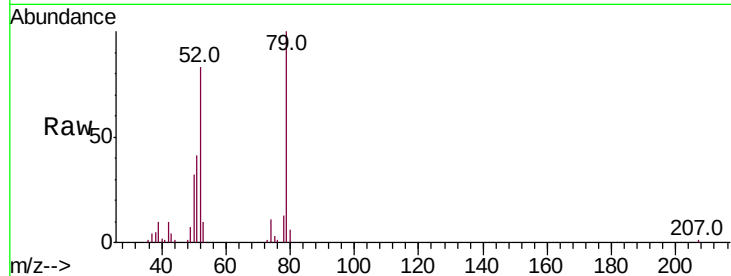
Tot Ion: 79 Resp: 169813

Ion Ratio Lower Upper

79 100

52 82.9 53.1 79.7#

51 41.2 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 41.866 ng

RT: 3.52 min Scan# 243

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

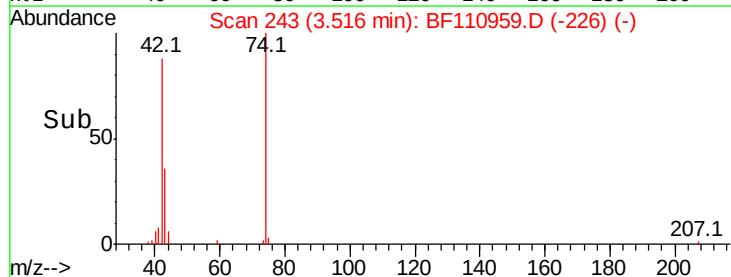
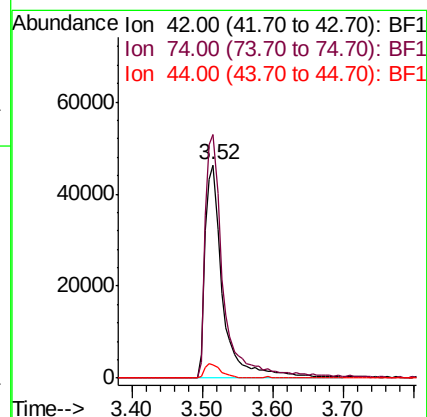
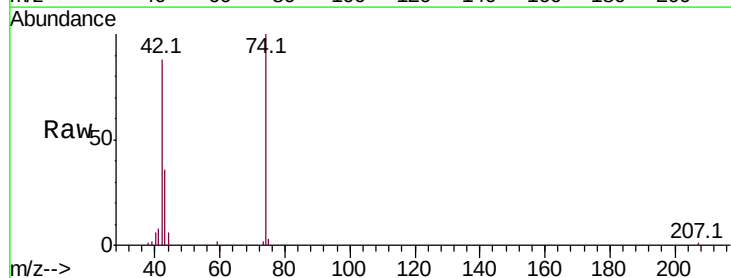
Tgt Ion: 42 Resp: 82069

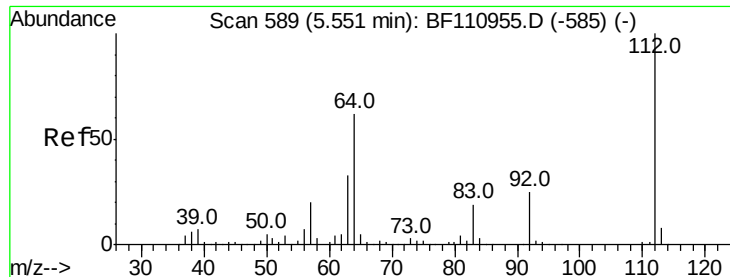
Ion Ratio Lower Upper

42 100

74 114.1 105.5 158.3

44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 84.750 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF110959.D

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Instrument :

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ICVBF112618

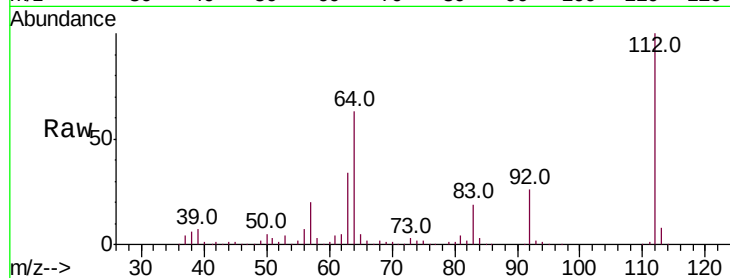
Tot Ion:112 Resp: 346081

Ion Ratio Lower Upper

112 100

64 63.3 44.1 66.1

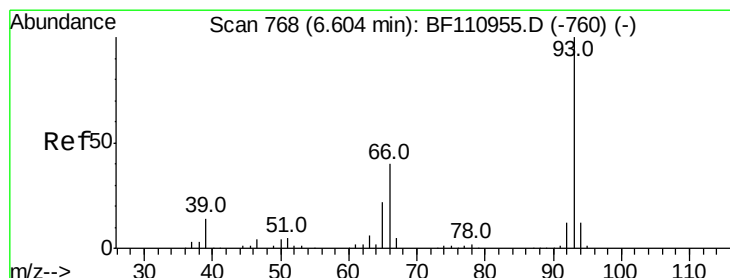
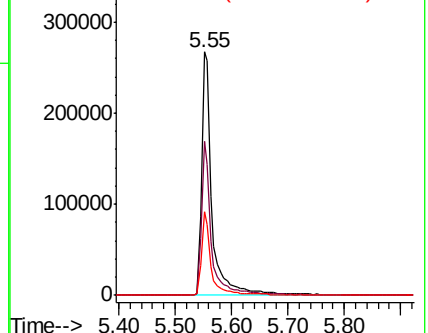
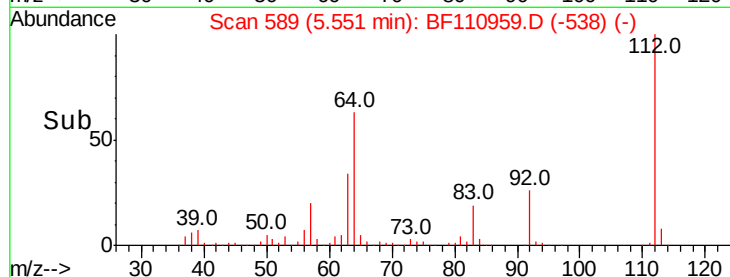
63 34.3 23.7 35.5



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: 41.833 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

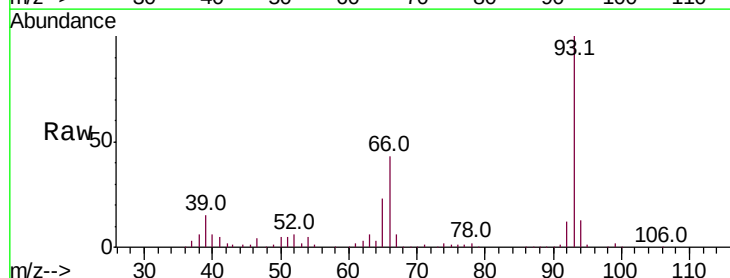
Tgt Ion: 93 Resp: 275200

Ion Ratio Lower Upper

93 100

66 43.1 67.4 101.0#

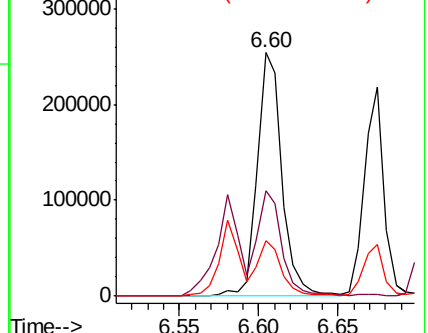
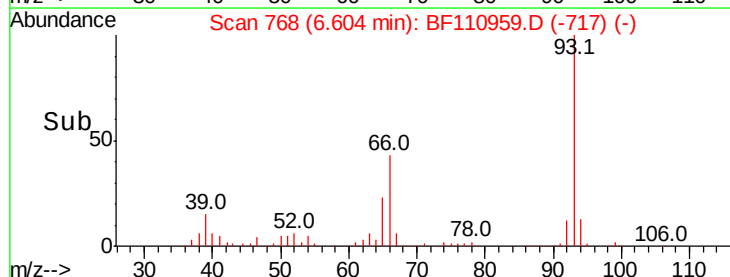
65 23.0 41.0 61.4#

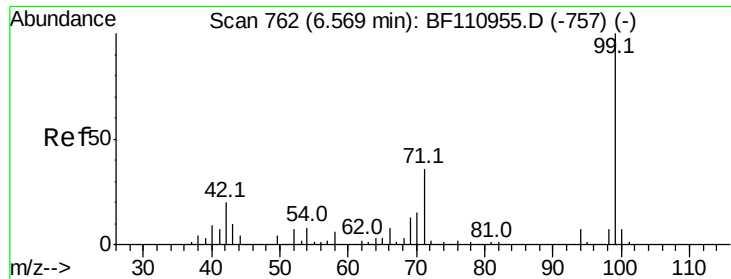


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.427 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

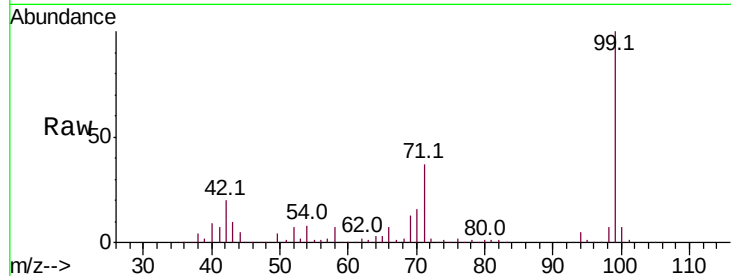
BNA_F

ClientSampleId :

ICVBF112618

Tot Ion: 99 Resp: 433317

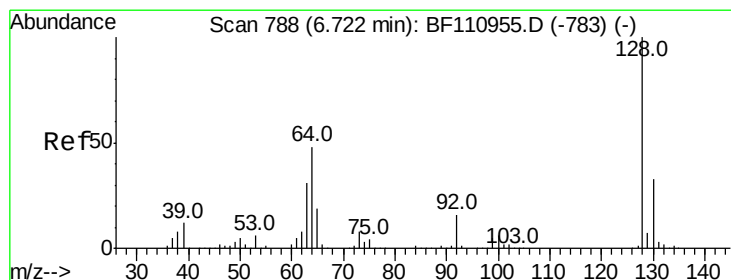
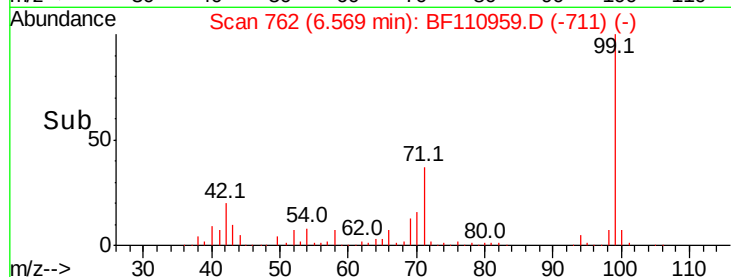
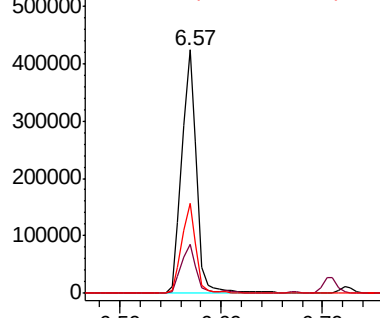
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.7	28.0	42.0



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: 41.305 ng

RT: 6.72 min Scan# 788

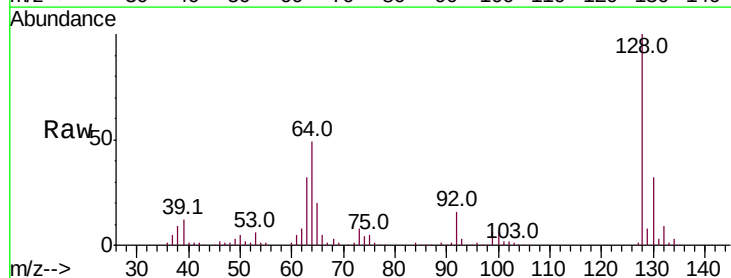
Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Tgt Ion: 128 Resp: 199897

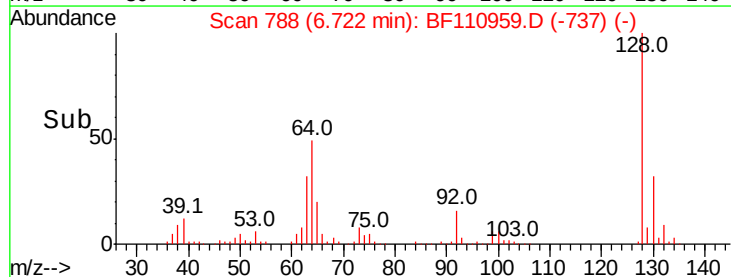
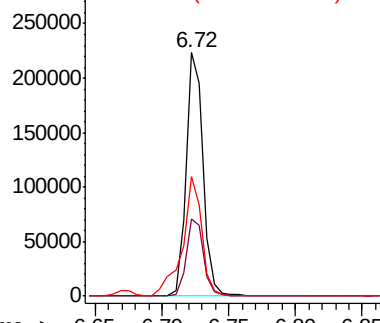
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.1	53.1
64	49.1	26.0	66.0

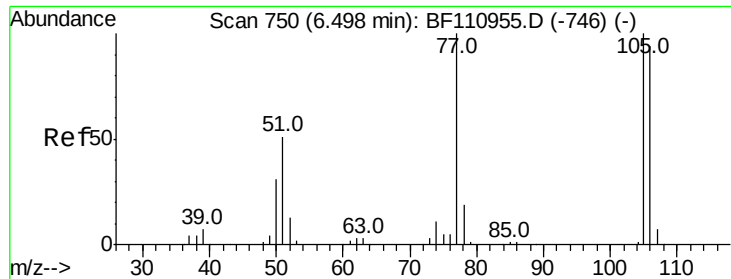


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

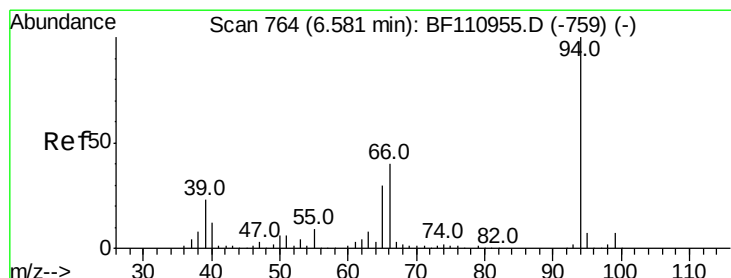
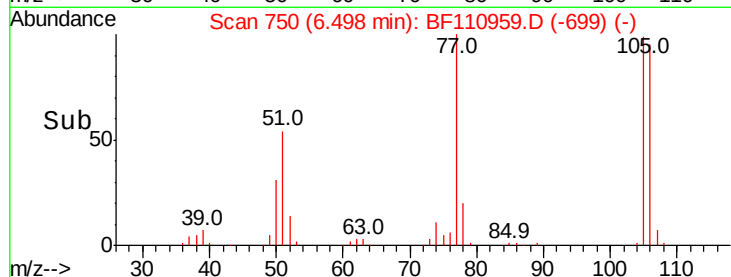
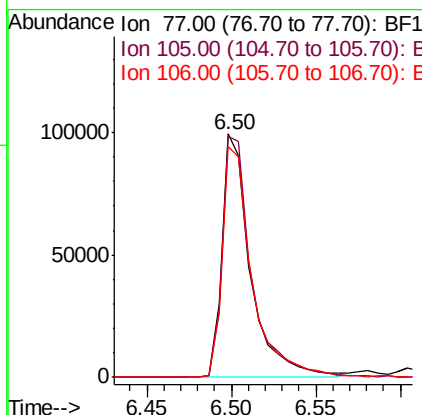
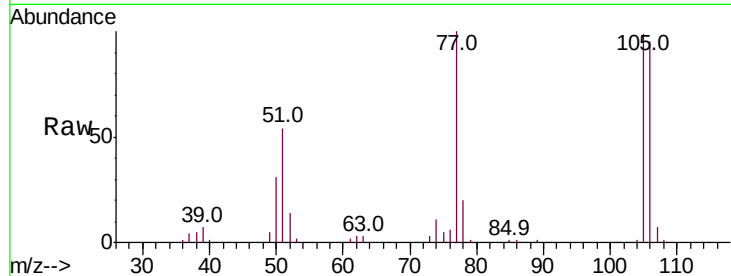




#9
Benzaldehyde
Concen: 41.845 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

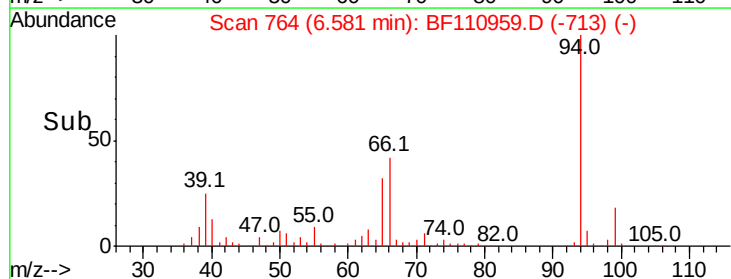
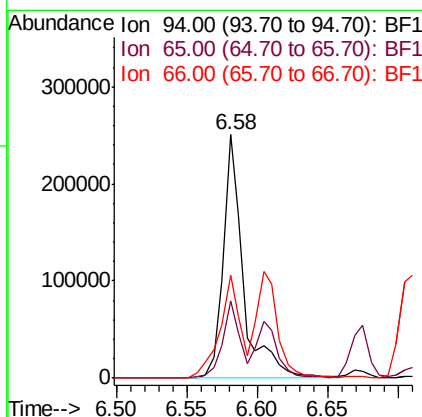
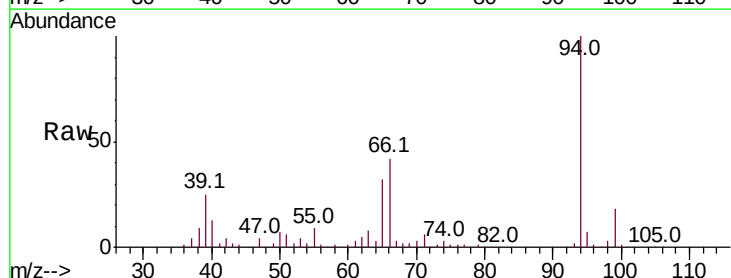
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

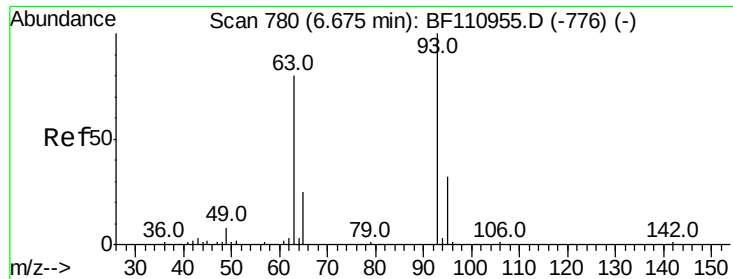
Tot Ion: 77 Resp: 117529
Ion Ratio Lower Upper
77 100
105 98.9 78.6 118.6
106 94.9 74.8 114.8



#10
Phenol
Concen: 41.890 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion: 94 Resp: 251046
Ion Ratio Lower Upper
94 100
65 31.6 25.3 65.3
66 42.4 54.5 94.5#

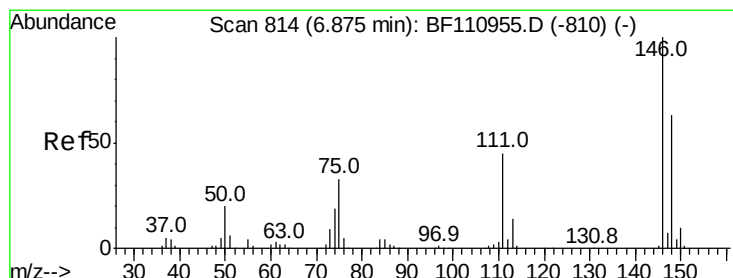
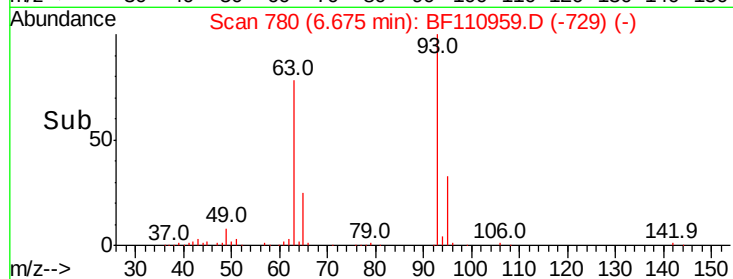
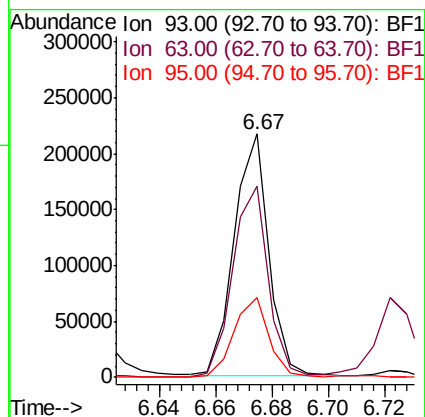
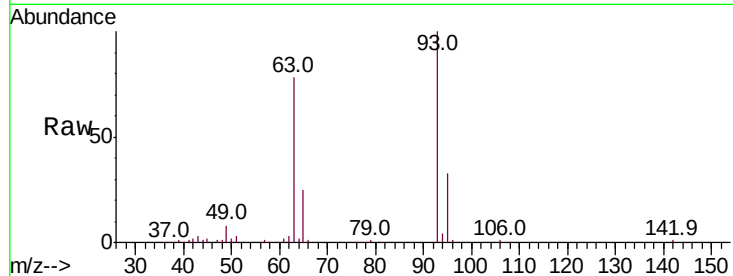




#11
bis(2-Chloroethyl)ether
Concen: 40.692 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

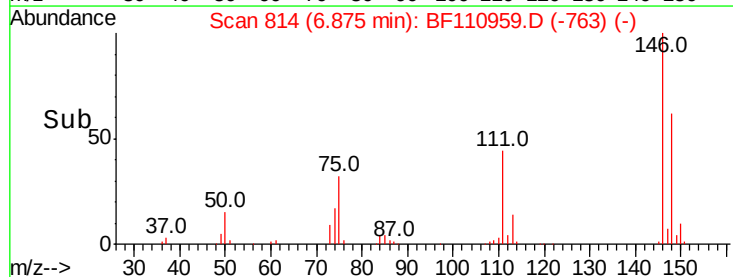
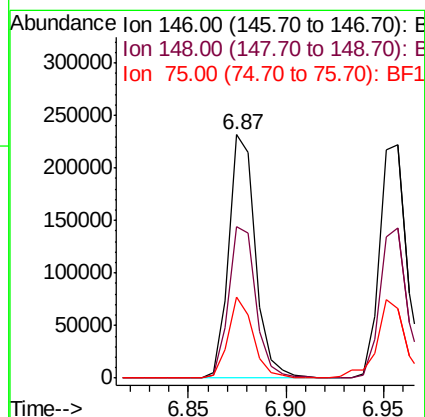
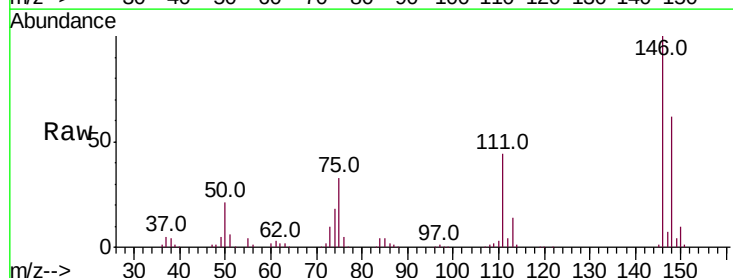
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

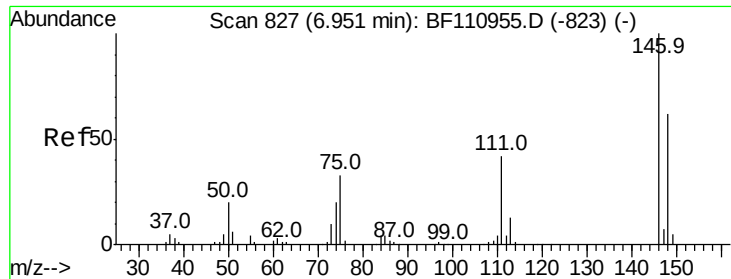
Tot Ion: 93 Resp: 183726
Ion Ratio Lower Upper
93 100
63 78.4 53.4 93.4
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.310 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion: 146 Resp: 219625
Ion Ratio Lower Upper
146 100
148 62.1 50.4 75.6
75 33.1 25.8 38.6

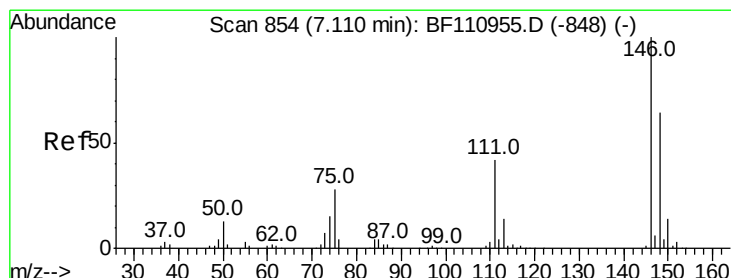
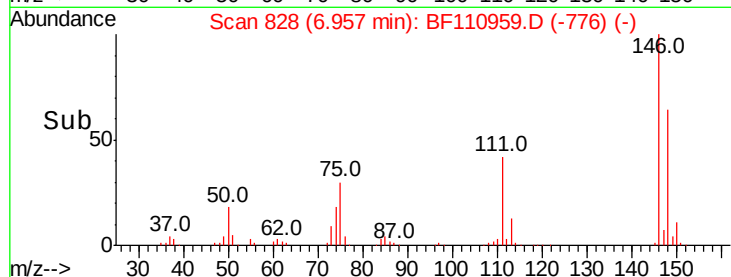
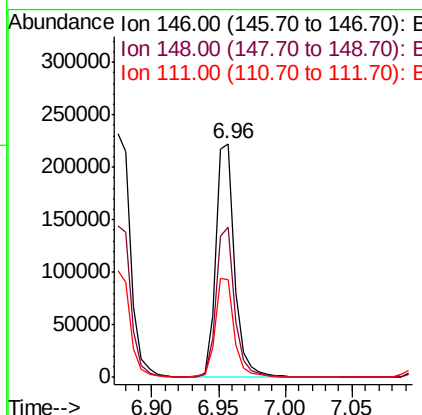
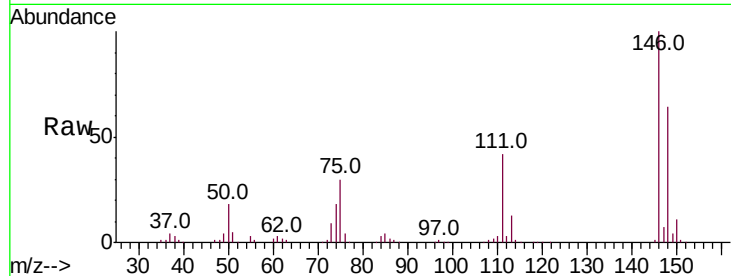




#13
 1,4-Dichlorobenzene
 Concen: 40.841 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

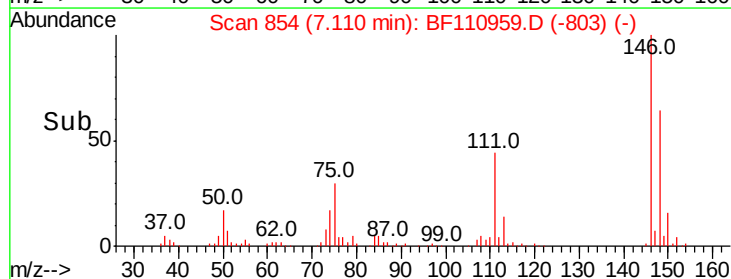
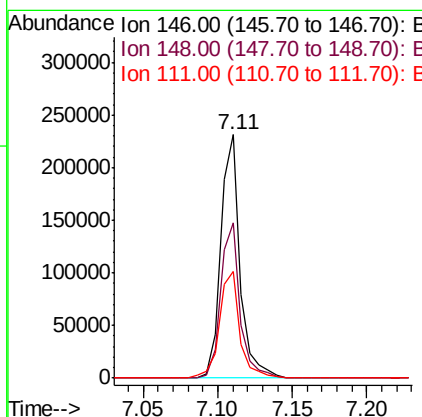
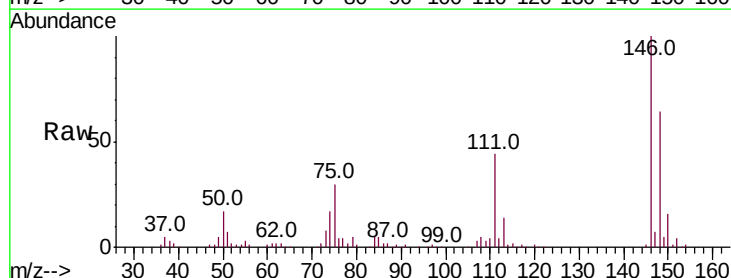
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

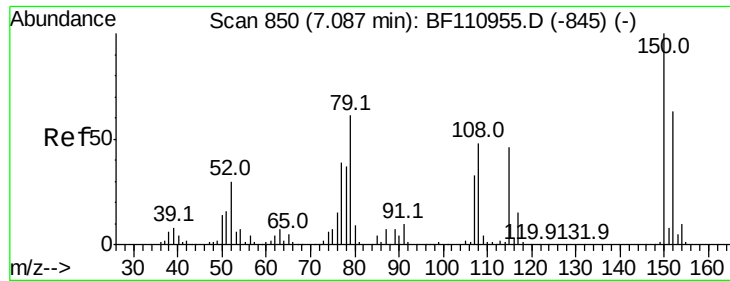
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	41.9	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.670 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	44.0	35.8	53.6

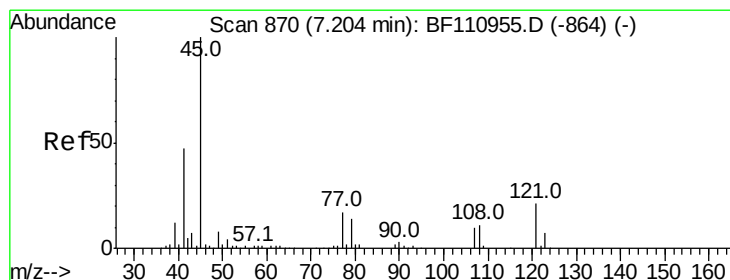
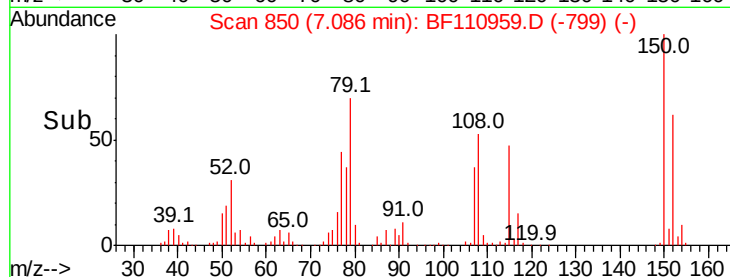
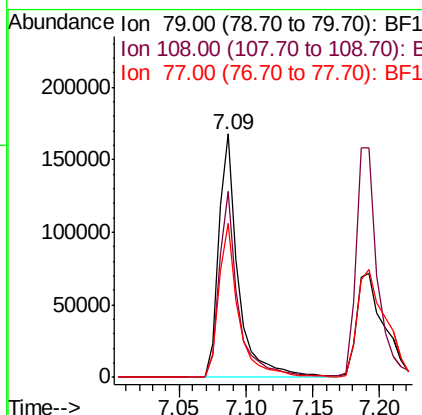
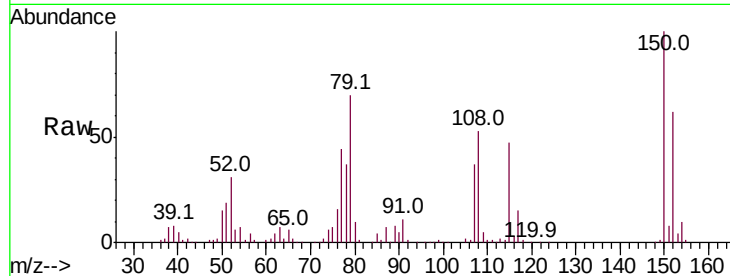




#15
Benzyl Alcohol
Concen: 42.332 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

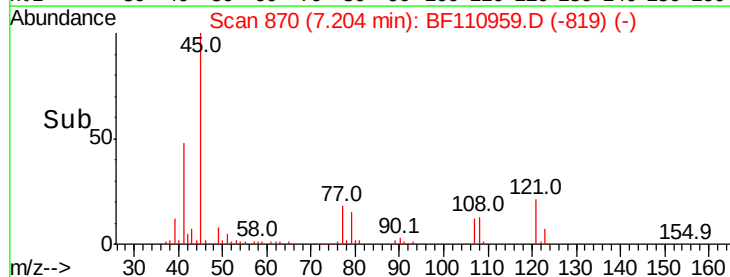
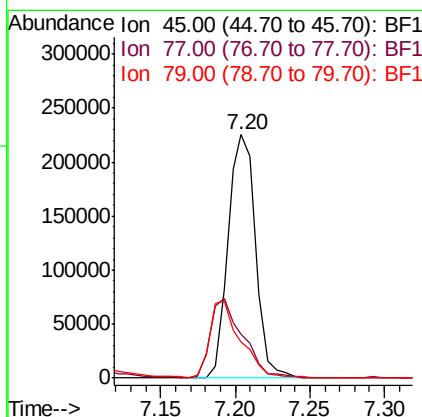
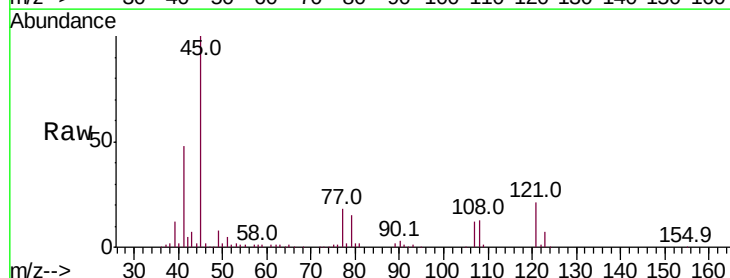
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

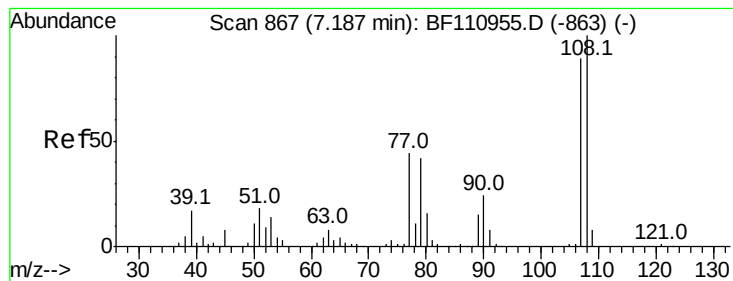
Tot Ion: 79 Resp: 173121
Ion Ratio Lower Upper
79 100
108 76.3 56.3 84.5
77 63.0 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.701 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion: 45 Resp: 292457
Ion Ratio Lower Upper
45 100
77 18.3 10.0 50.0
79 14.9 6.1 46.1

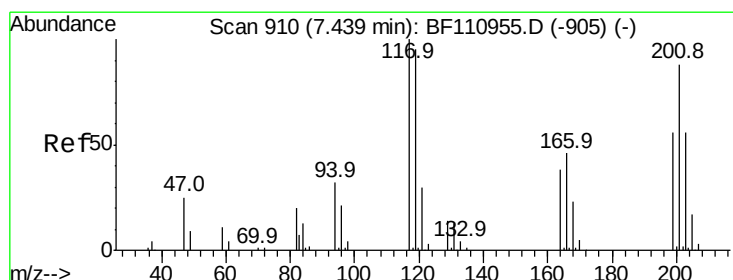
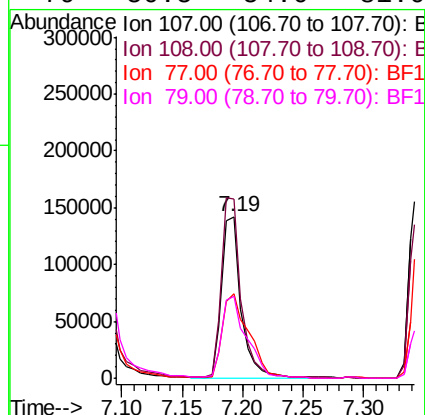
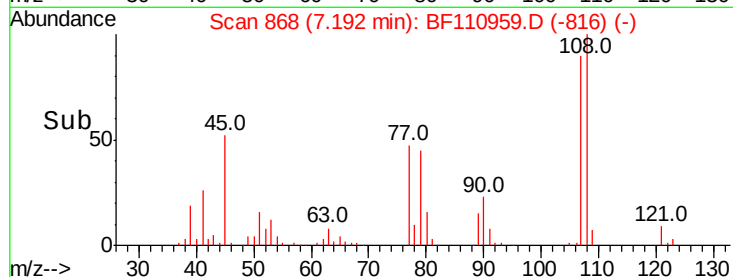
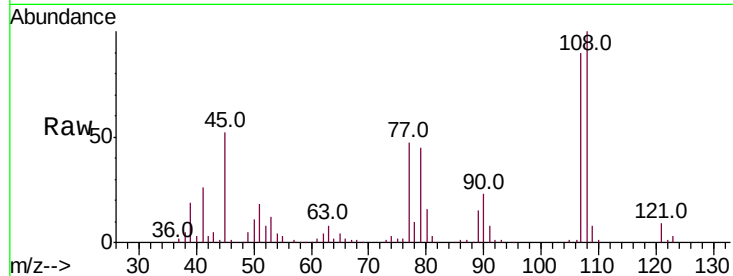




#17
2-Methylphenol
Concen: 40.836 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

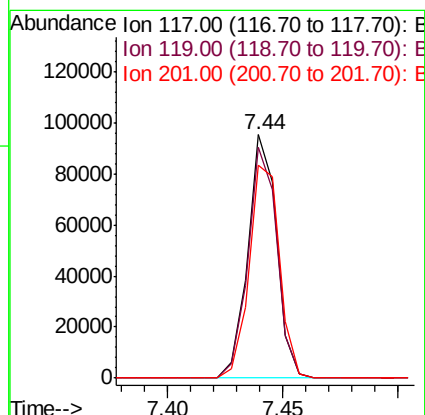
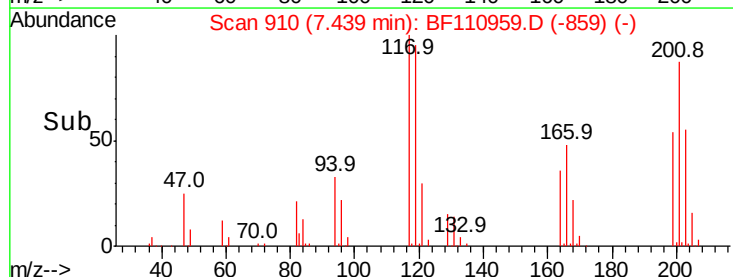
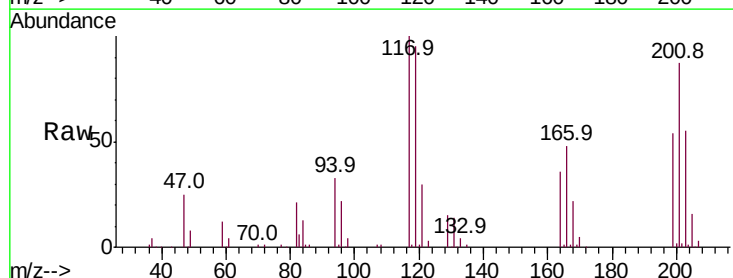
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

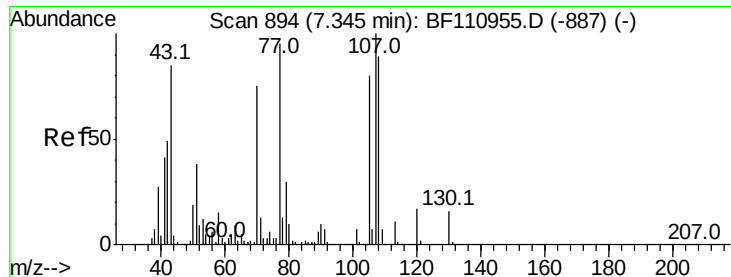
Tot Ion:107 Resp: 157132
Ion Ratio Lower Upper
107 100
108 111.4 92.6 138.8
77 52.1 59.4 89.2#
79 50.5 54.0 81.0#



#18
Hexachloroethane
Concen: 41.283 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:117 Resp: 83025
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
201 87.2 79.2 118.8

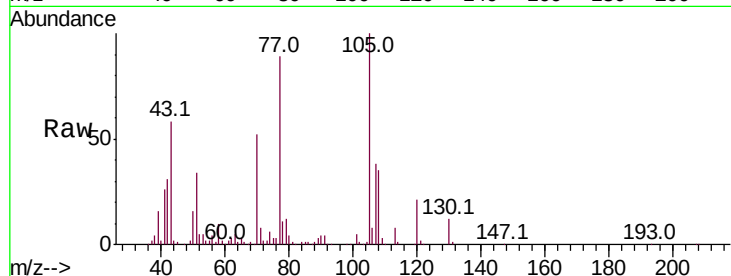




#19
n-Nitroso-di-n-propylamine
Concen: 41.647 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.4	71.2
101	10.2	7.3	10.9
130	22.5	16.2	24.2



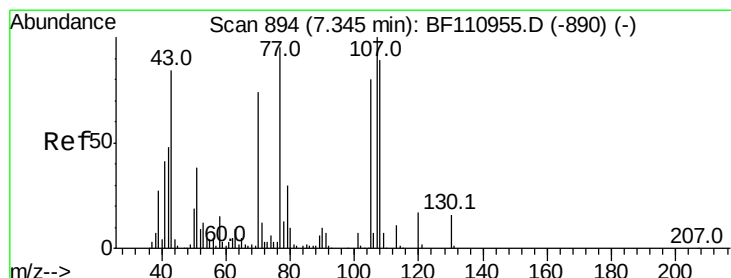
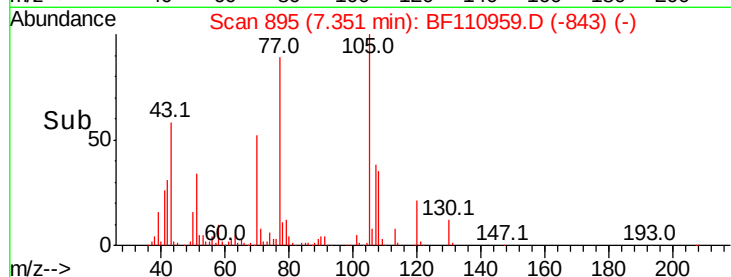
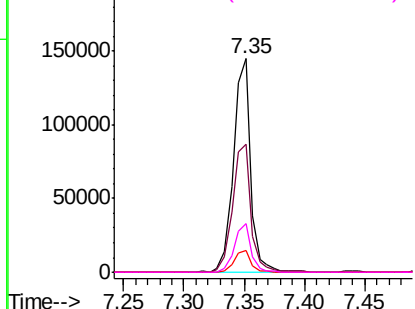
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.406 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	84.1	47.3	87.3
79	28.7	10.9	50.9

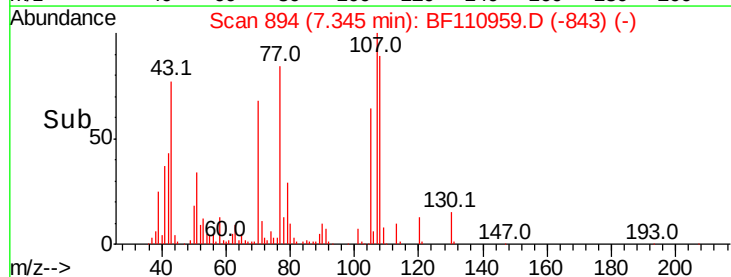
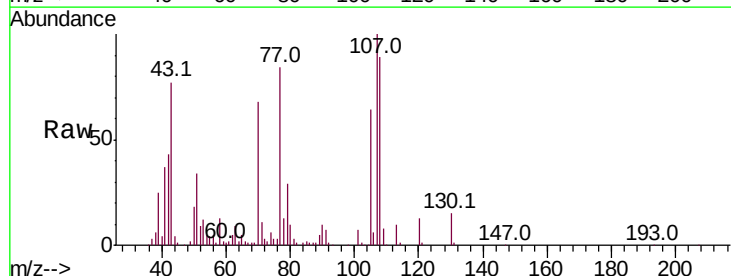
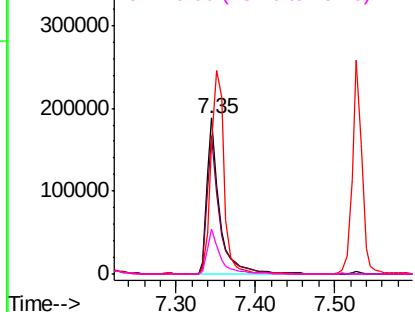
Abundance

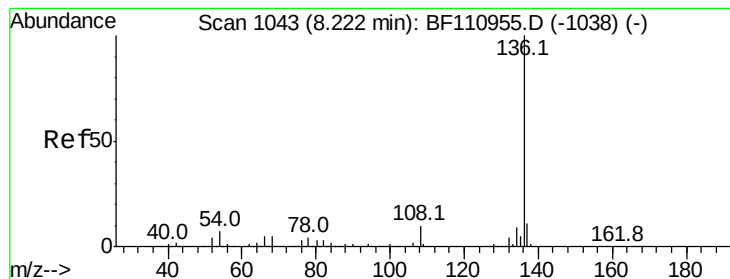
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

Tot Ion:136 Resp: 296623

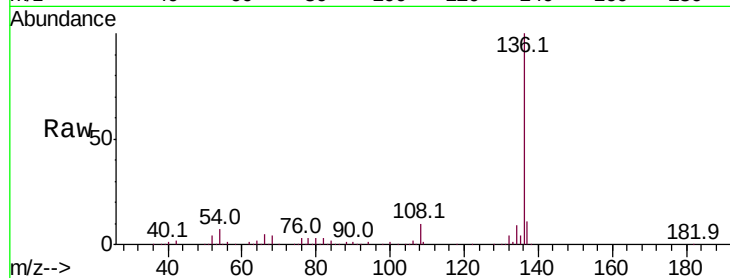
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 5.4 8.2

68 4.5 4.2 6.2

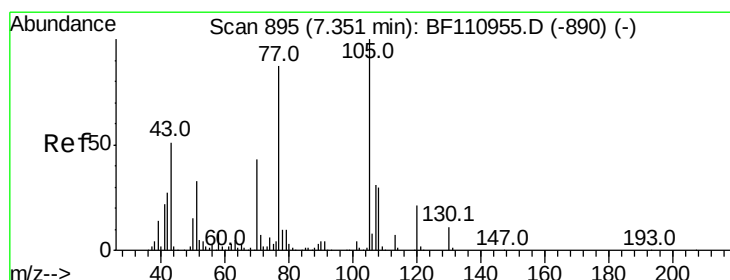
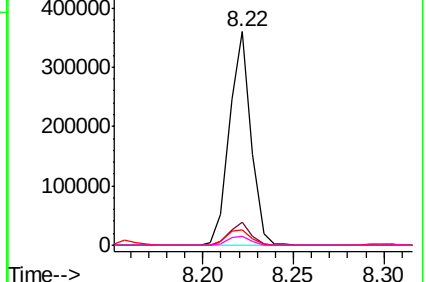
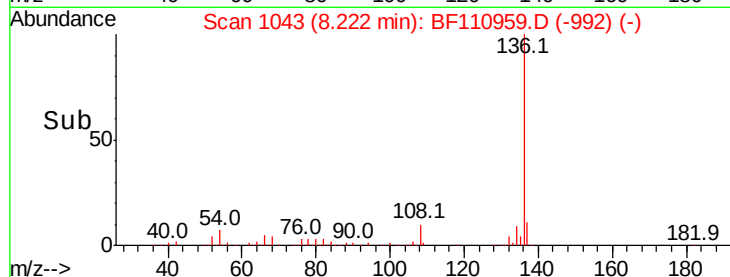


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.399 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Tgt Ion:105 Resp: 280885

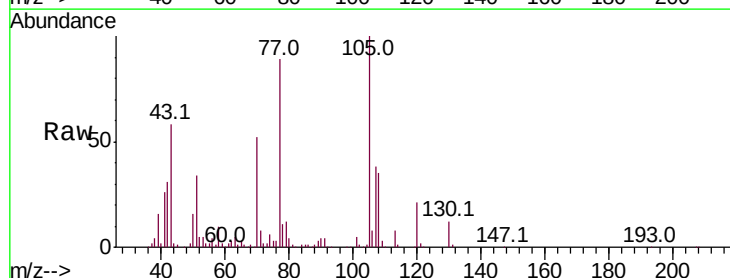
Ion Ratio Lower Upper

105 100

71 8.1 5.2 7.8#

51 34.4 21.8 32.8#

120 21.3 17.0 25.4

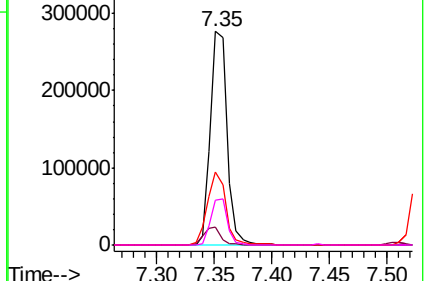
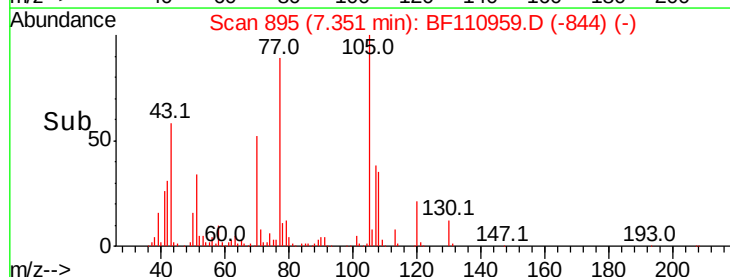


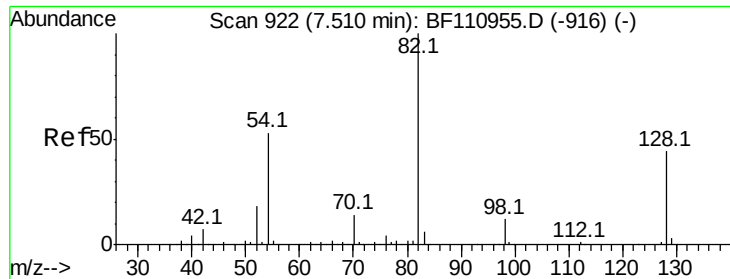
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

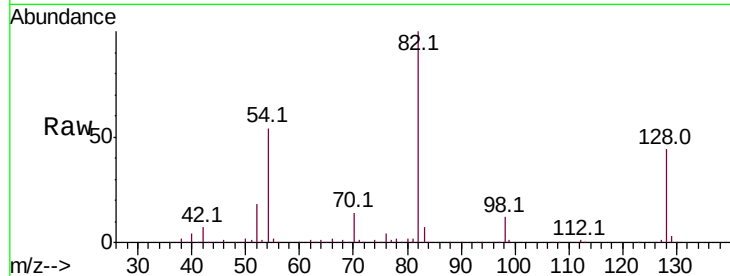




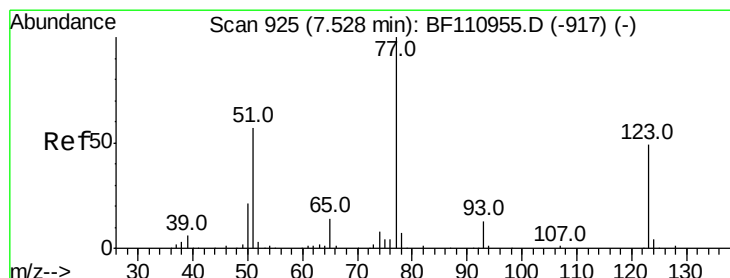
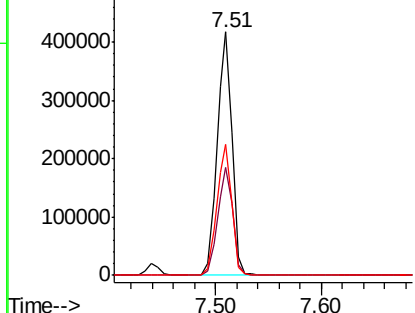
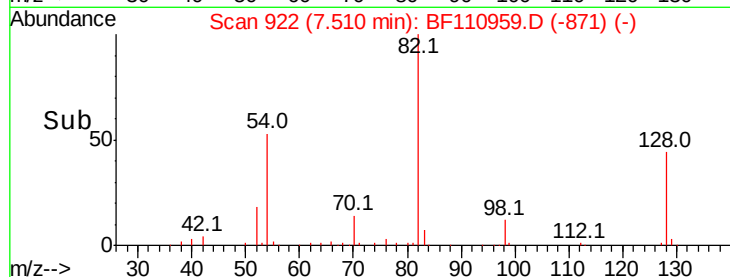
#23
 Nitrobenzene-d5
 Concen: 80.845 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion: 82 Resp: 419013
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.2 51.2
 54 53.5 38.6 58.0

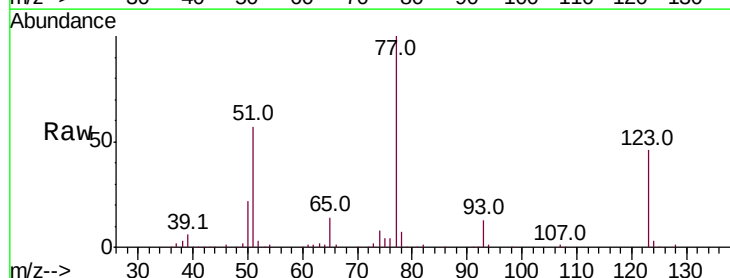


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

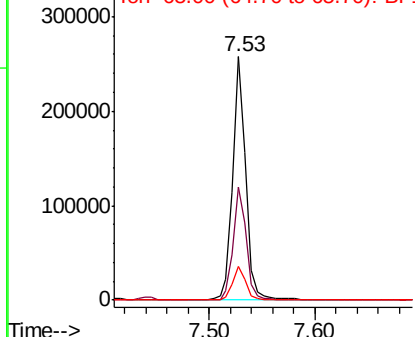
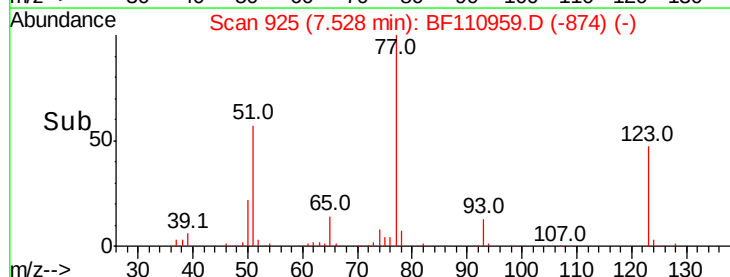


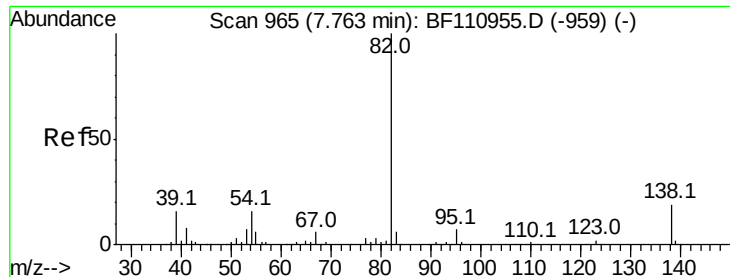
#24
 Nitrobenzene
 Concen: 40.266 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion: 77 Resp: 217026
 Ion Ratio Lower Upper
 77 100
 123 46.4 35.7 53.5
 65 14.1 10.7 16.1



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





#25

Isophorone

Concen: 39.690 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

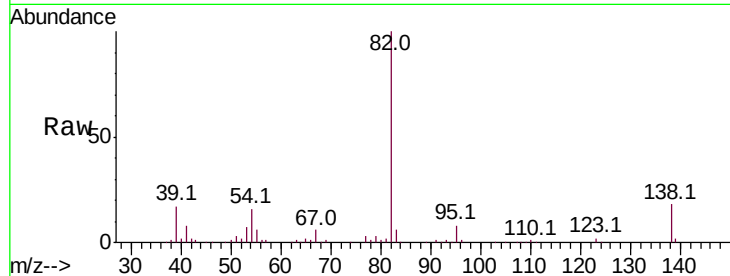
Tot Ion: 82 Resp: 337442

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

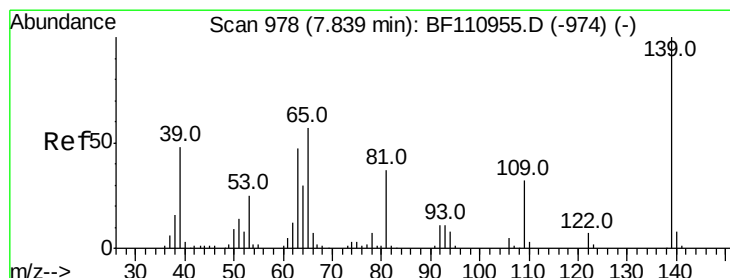
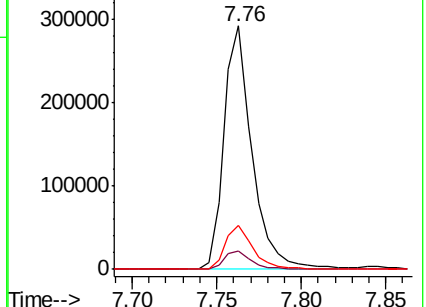
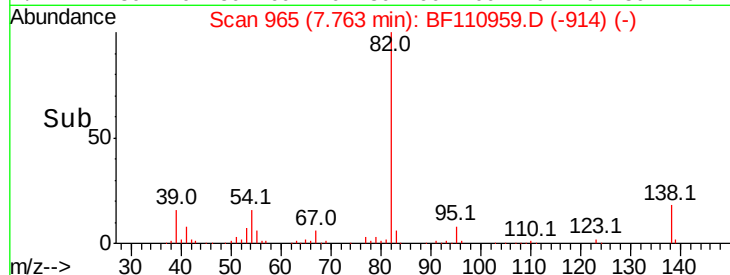
138 18.2 13.2 19.8



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: 41.827 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

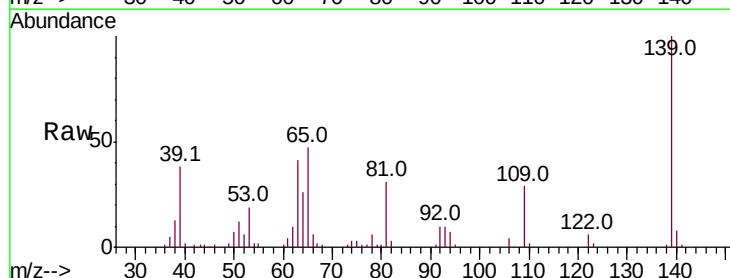
Tgt Ion: 139 Resp: 109528

Ion Ratio Lower Upper

139 100

109 29.3 25.0 37.6

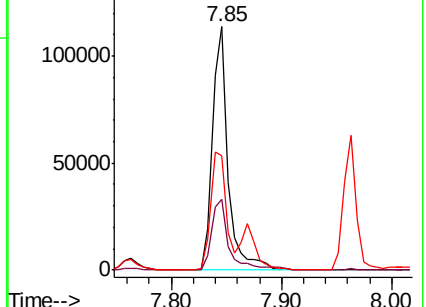
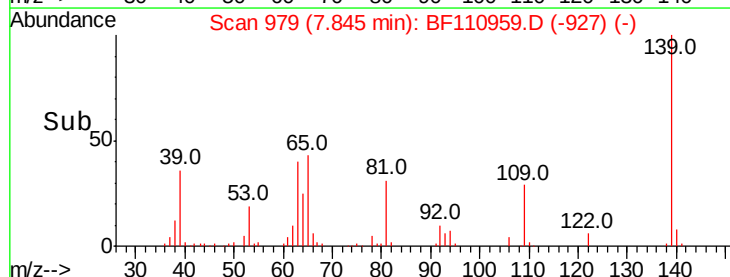
65 47.2 44.0 66.0

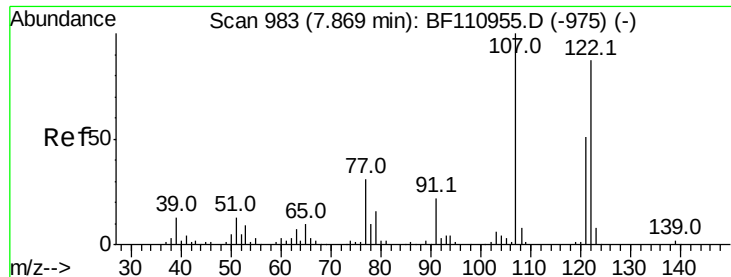


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

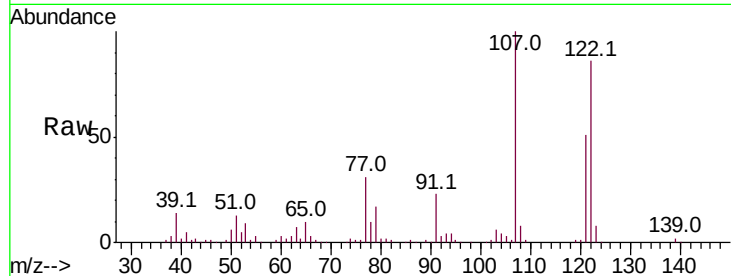




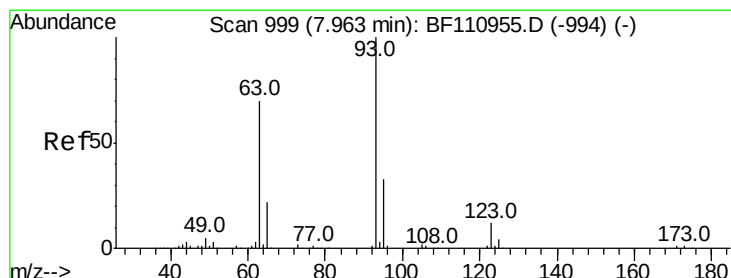
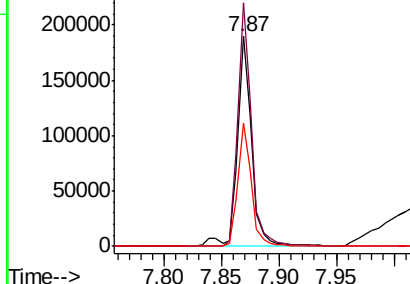
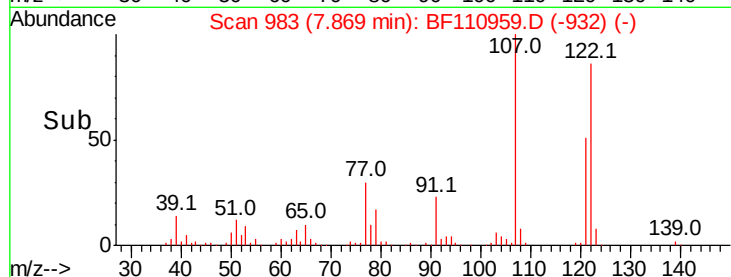
#27
2,4-Dimethylphenol
Concen: 41.056 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion:122 Resp: 162355
Ion Ratio Lower Upper
122 100
107 116.0 92.5 138.7
121 58.9 45.8 68.8

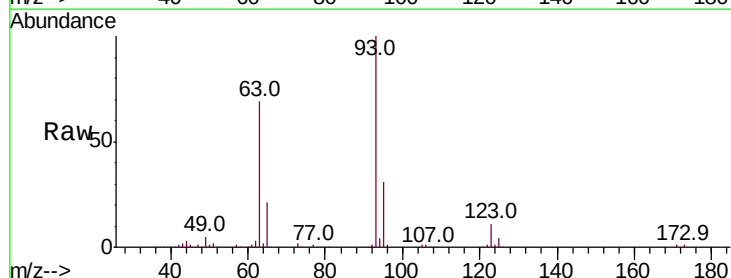


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

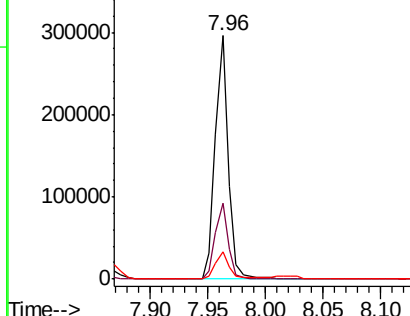
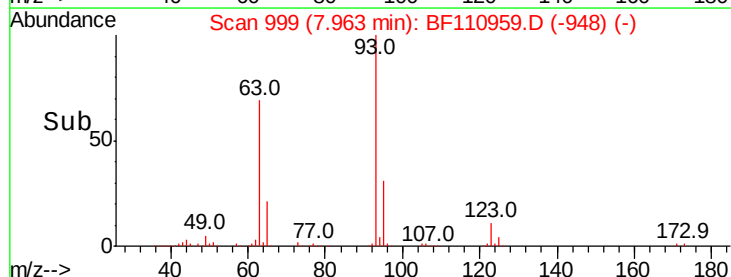


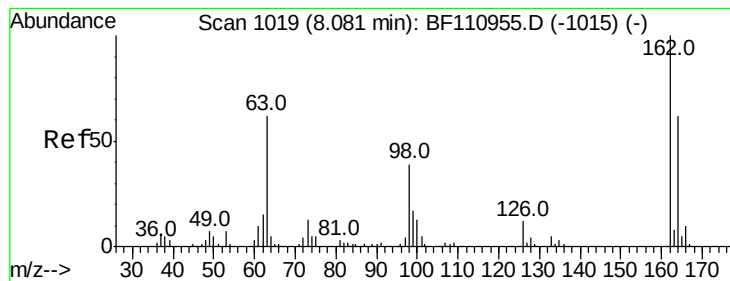
#28
bis(2-Chloroethoxy)methane
Concen: 40.589 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion: 93 Resp: 231183
Ion Ratio Lower Upper
93 100
95 31.3 26.4 39.6
123 11.0 9.0 13.6



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





#29

2,4-Dichlorophenol

Concen: 41.065 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

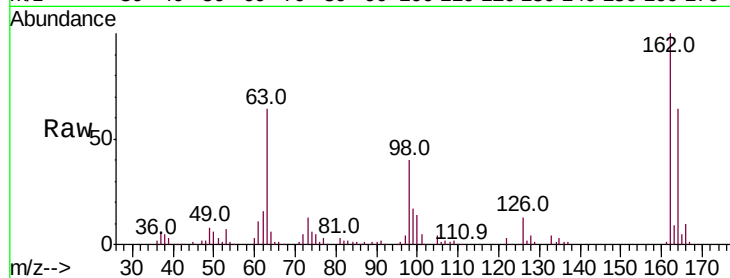
Tot Ion:162 Resp: 169931

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

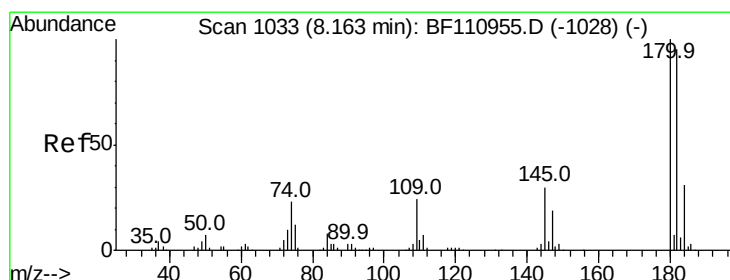
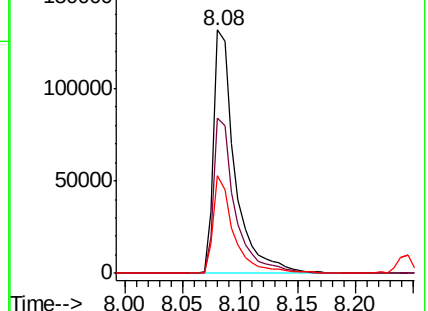
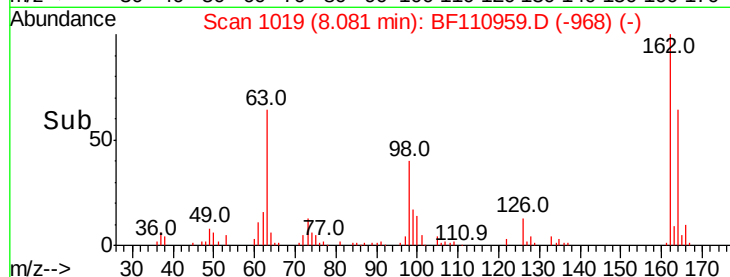
98 40.1 17.4 57.4



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: 40.637 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

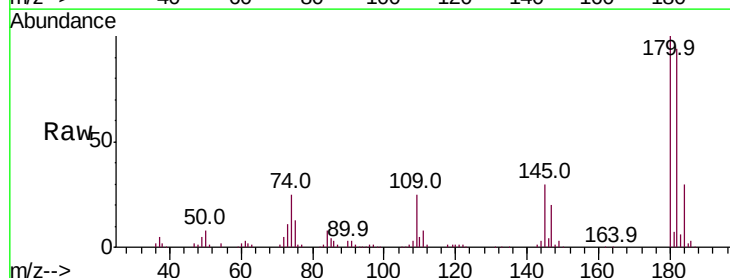
Tgt Ion:180 Resp: 188453

Ion Ratio Lower Upper

180 100

182 94.1 80.3 120.5

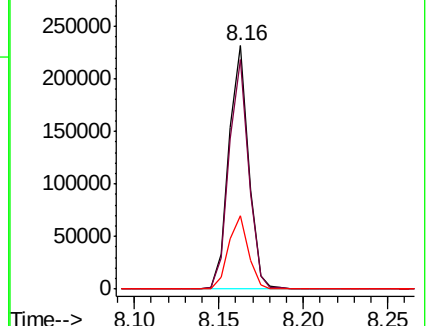
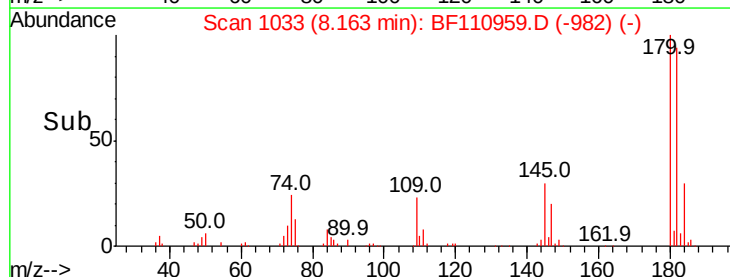
145 30.0 25.4 38.0

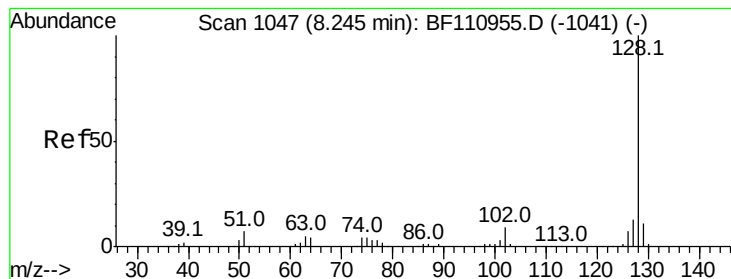


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.269 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

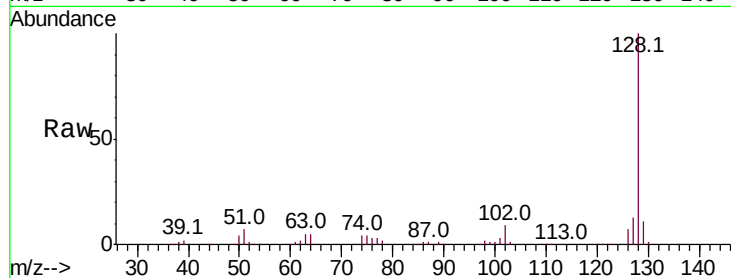
Tot Ion:128 Resp: 559910

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

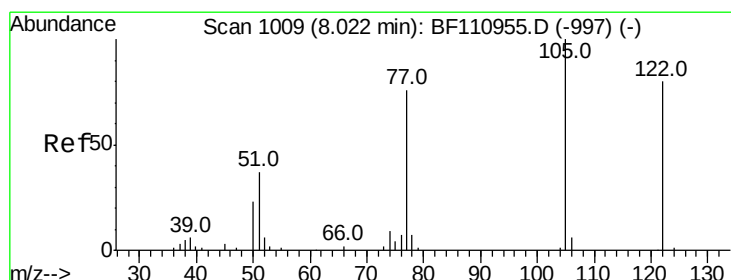
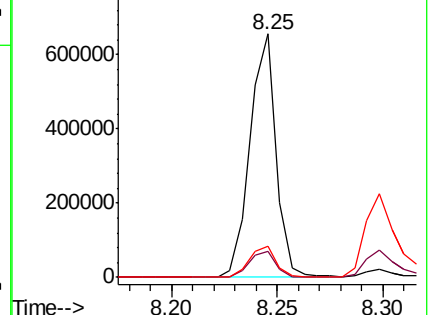
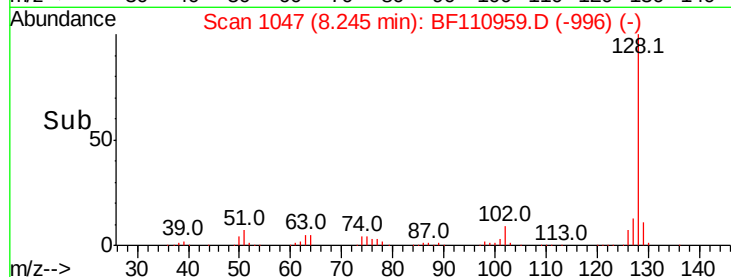
127 12.9 10.8 16.2



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: 35.942 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

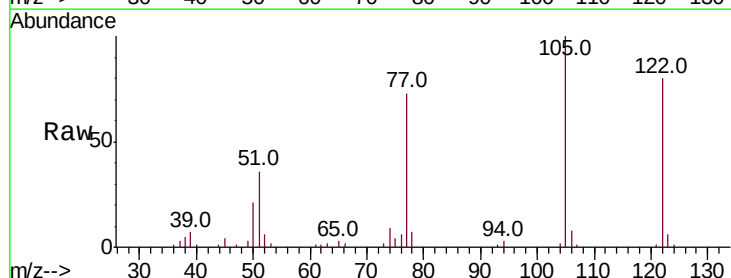
Tgt Ion:122 Resp: 105673

Ion Ratio Lower Upper

122 100

105 125.7 109.0 149.0

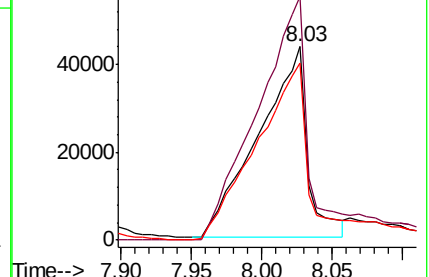
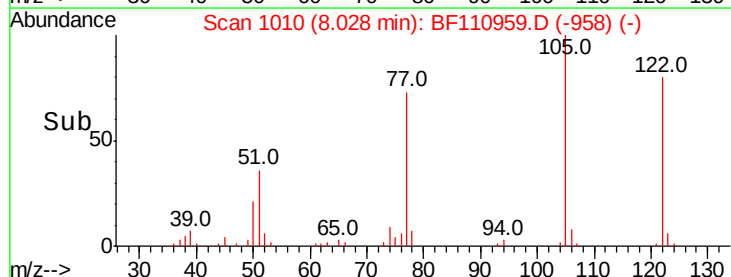
77 91.2 79.0 119.0

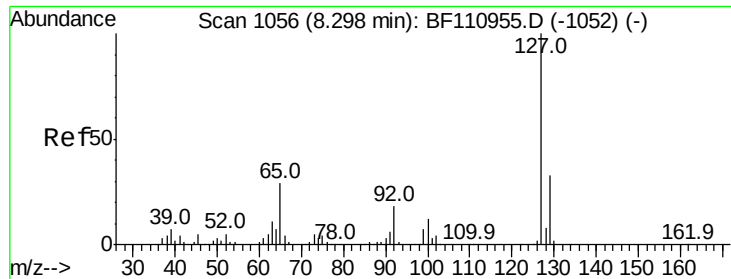


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

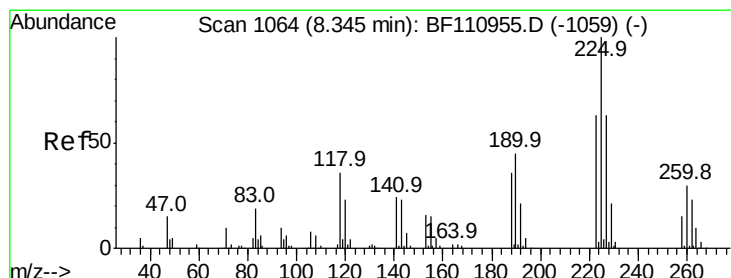
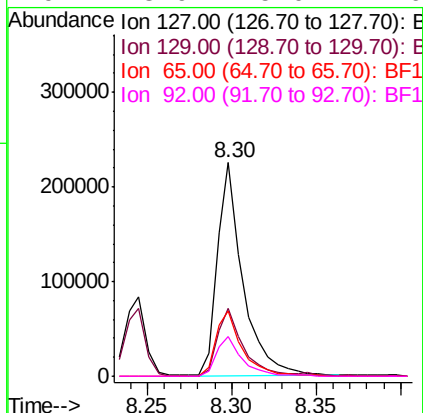
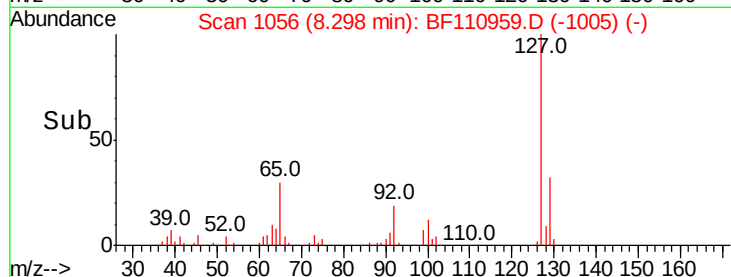
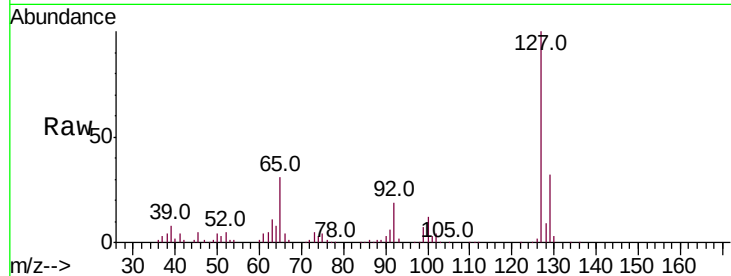




#33
4-Chloroaniline
Concen: 40.285 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

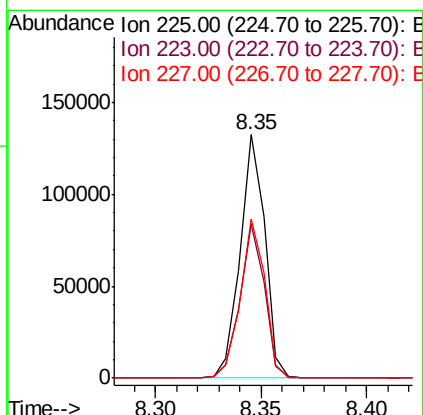
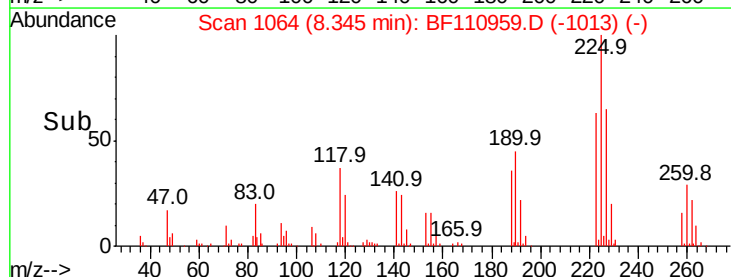
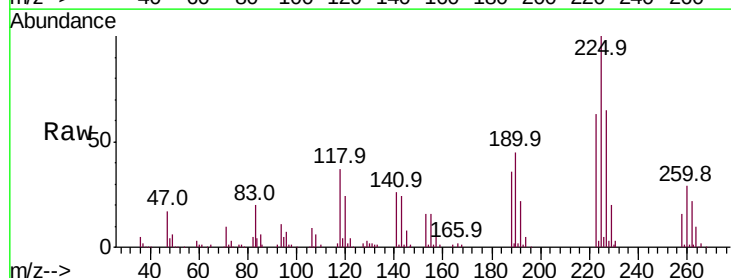
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

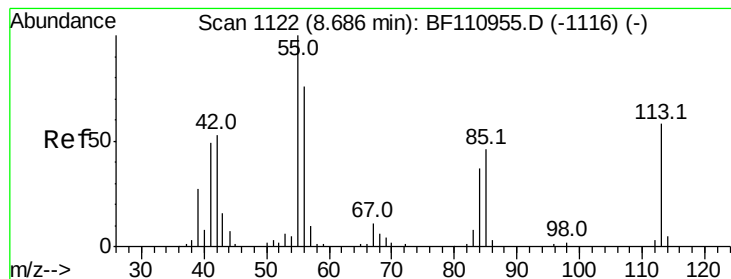
Tot Ion:	127	Resp:	238413
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	30.7	25.1	37.7
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.523 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:	225	Resp:	107035
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	65.3	51.0	76.6





#35

Caprolactam

Concen: 39.753 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

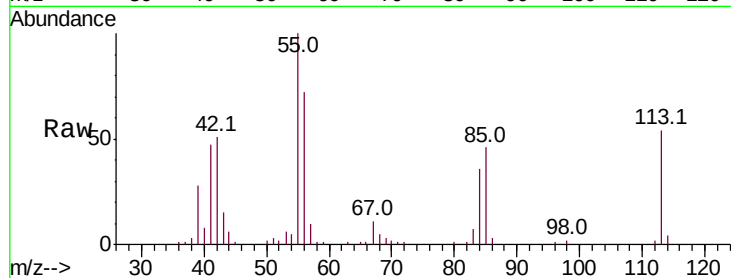
Tot Ion:113 Resp: 56160

Ion Ratio Lower Upper

113 100

55 186.7 142.8 182.8#

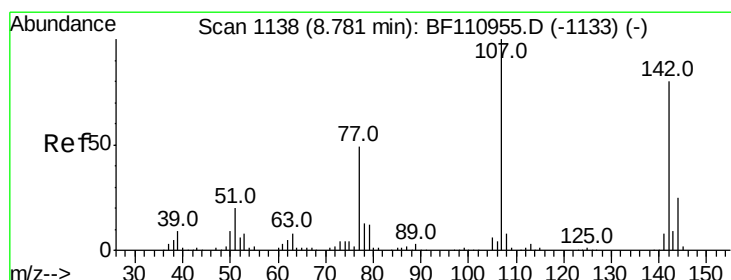
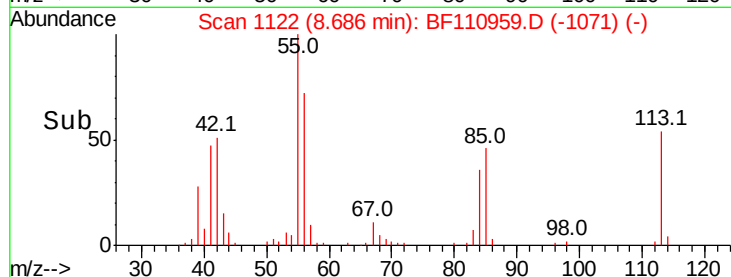
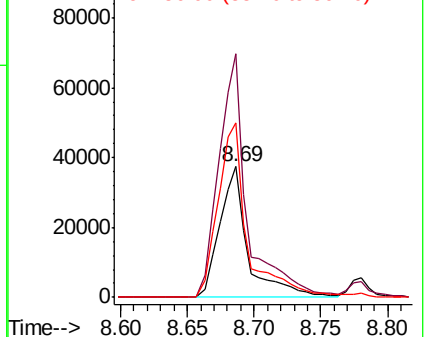
56 133.5 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.333 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

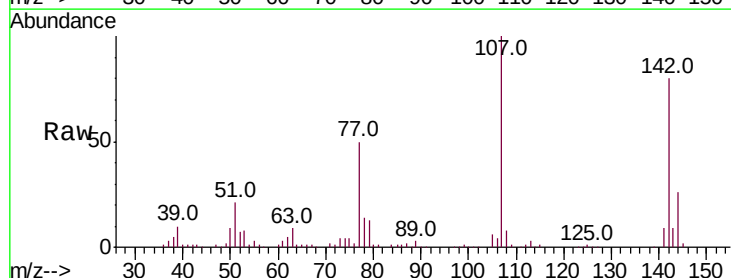
Tgt Ion:107 Resp: 185445

Ion Ratio Lower Upper

107 100

144 26.2 20.0 30.0

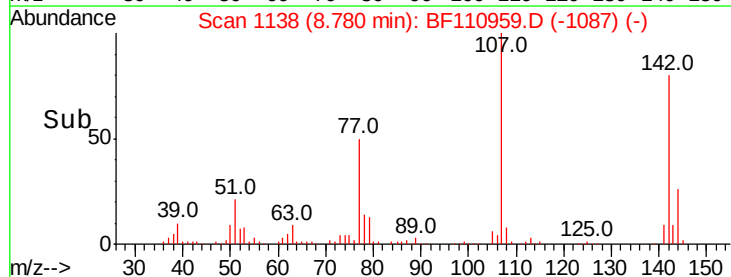
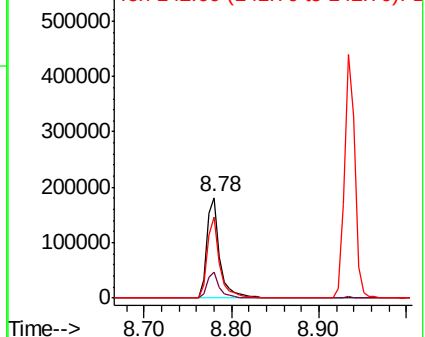
142 80.3 59.7 89.5

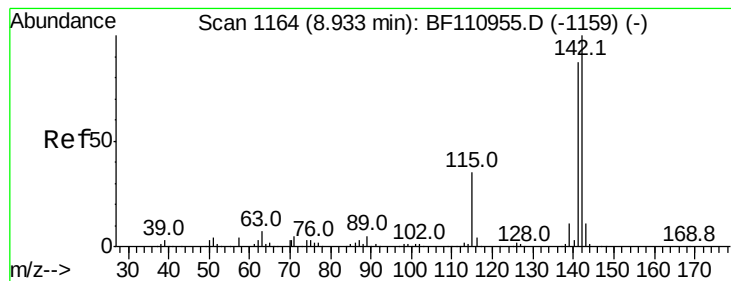


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

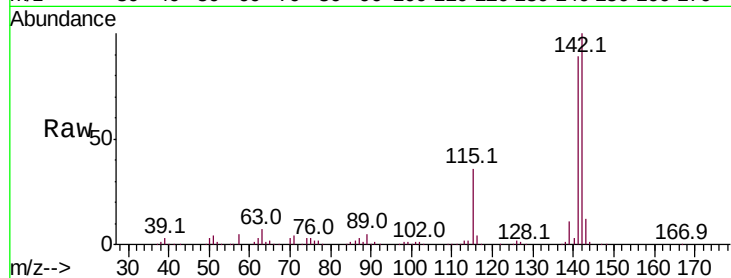




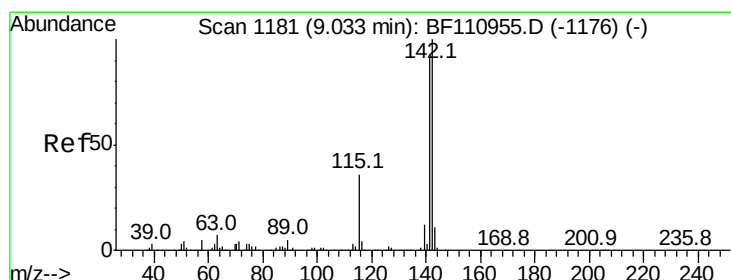
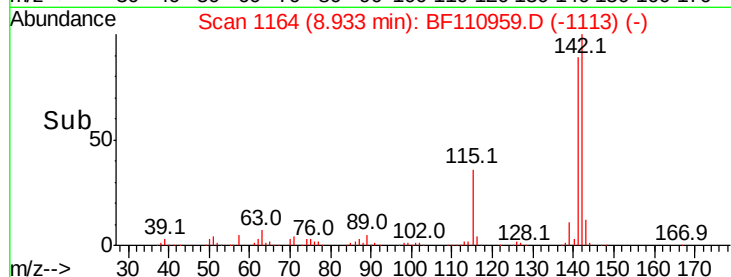
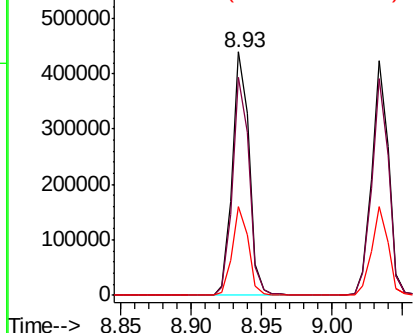
#37
2-Methylnaphthalene
Concen: 39.803 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	36.3	28.7	43.1

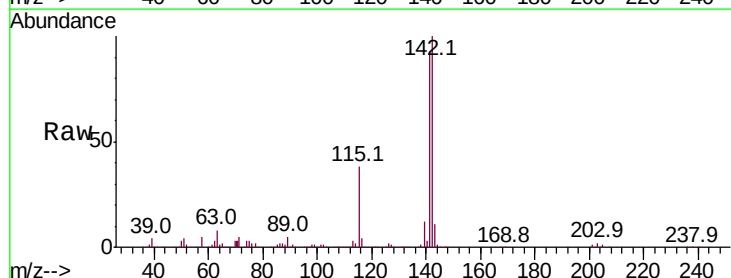


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

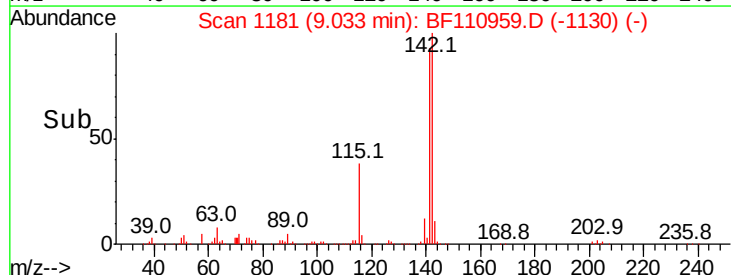
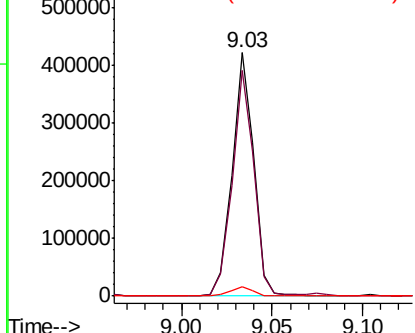


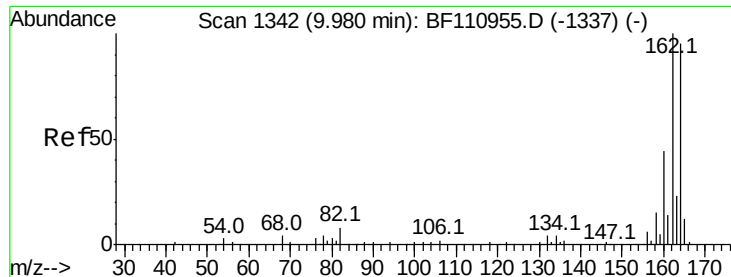
#38
1-Methylnaphthalene
Concen: 39.273 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	3.9	2.6	4.0



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

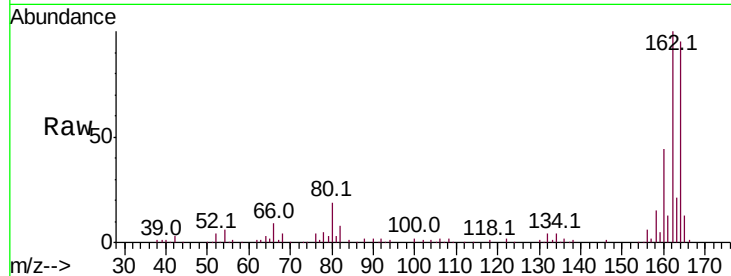




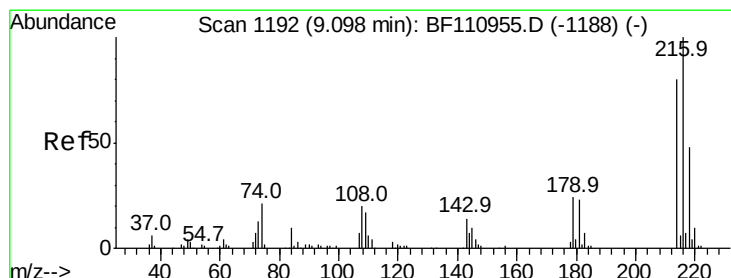
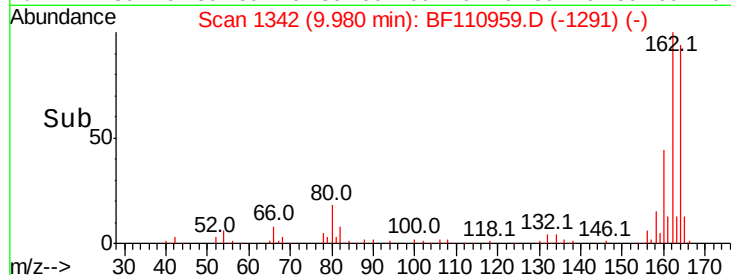
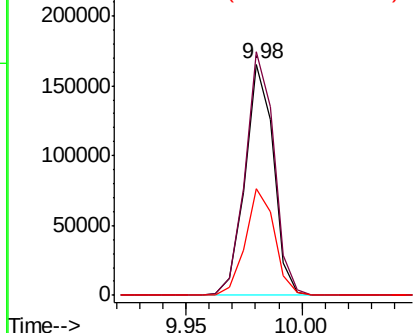
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion:164 Resp: 142481
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.6
160 46.1 37.0 55.6

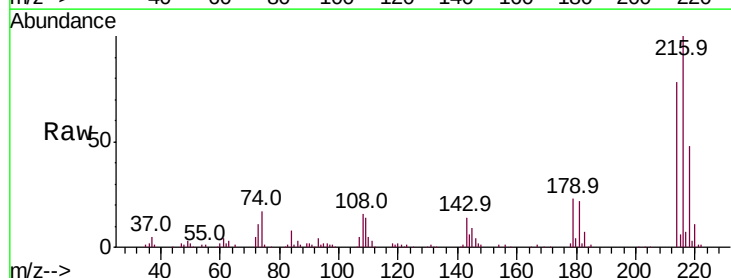


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

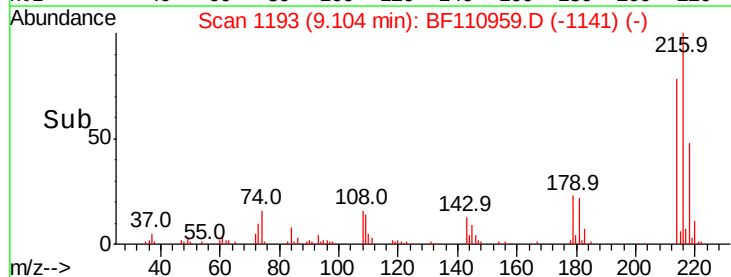
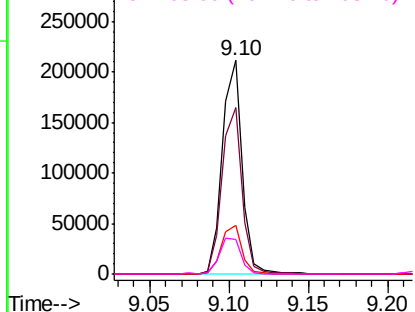


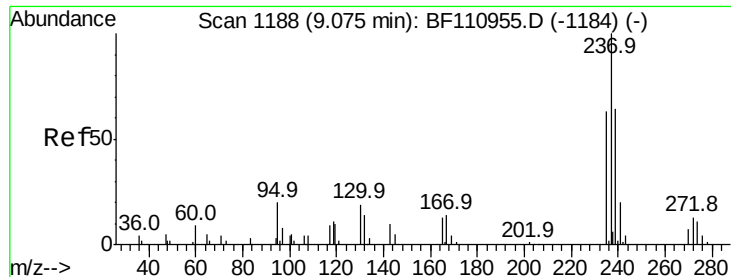
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.706 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:216 Resp: 182447
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 23.4 16.6 25.0
108 19.1 15.1 22.7



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

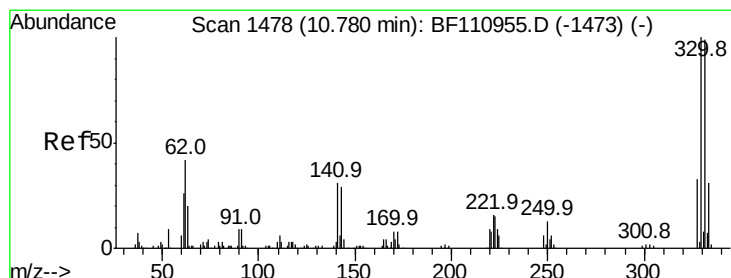
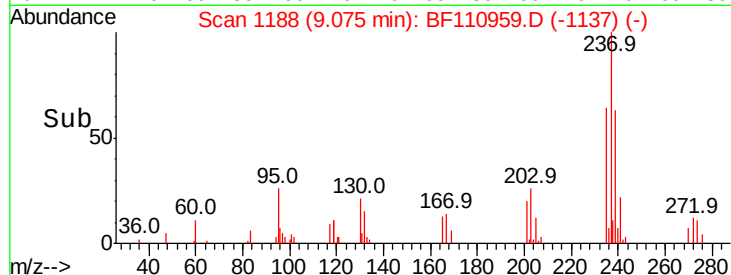
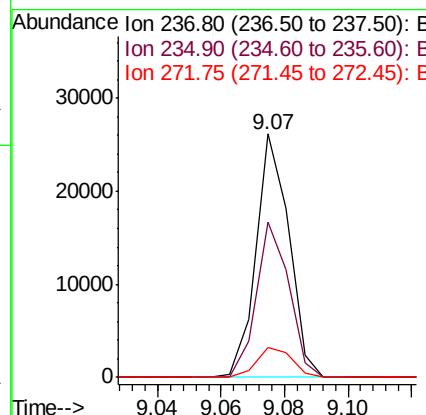
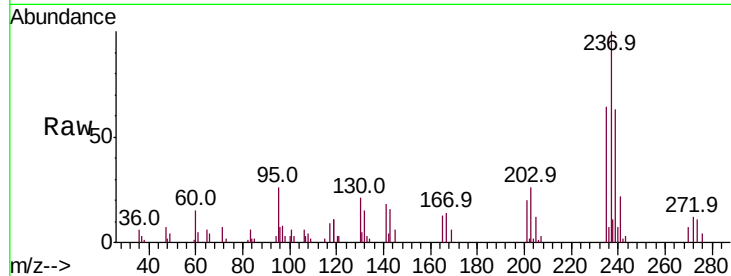




#41
Hexachlorocyclopentadiene
Concen: 41.613 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

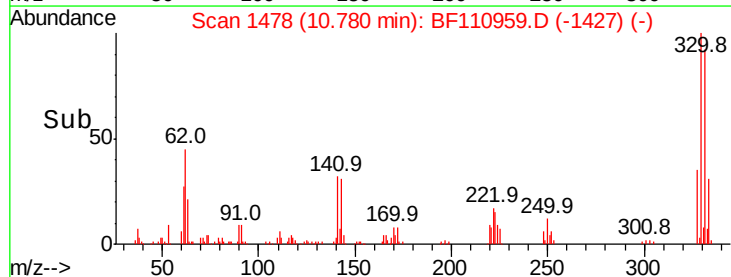
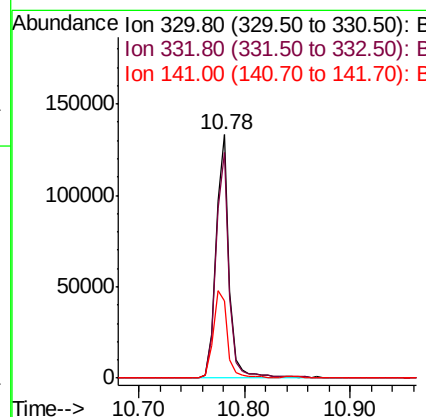
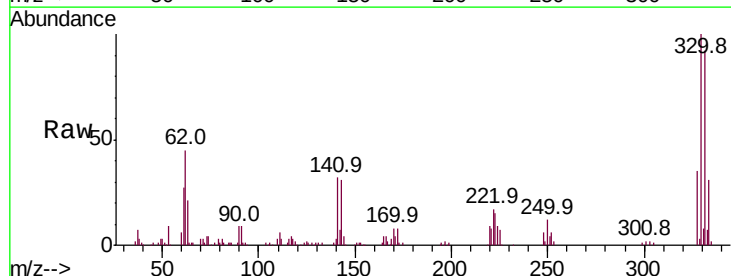
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

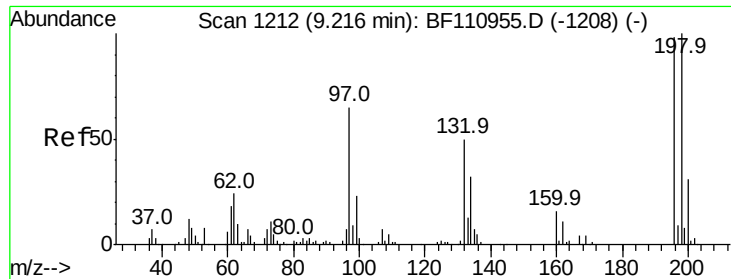
Tot Ion:237 Resp: 18799
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 83.090 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:330 Resp: 117575
Ion Ratio Lower Upper
330 100
332 93.1 77.1 115.7
141 38.1 27.0 40.4

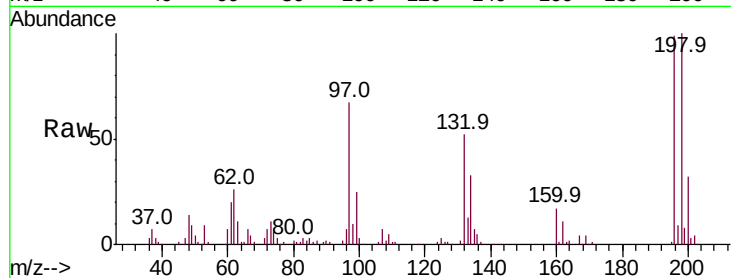




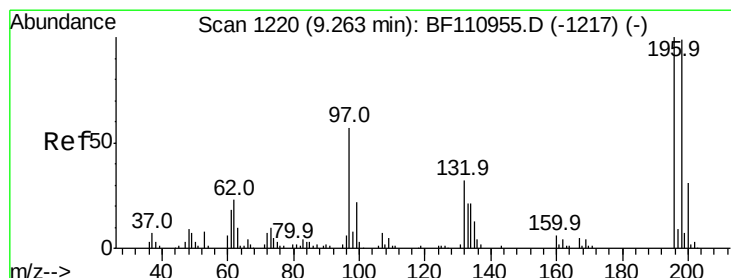
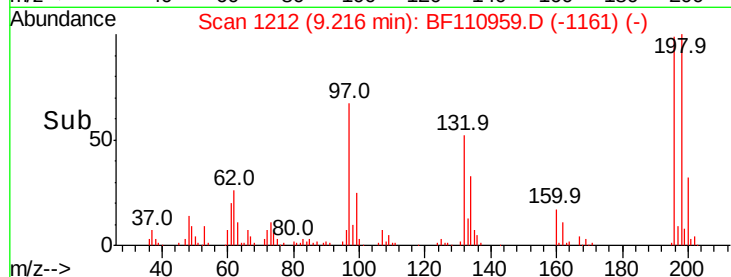
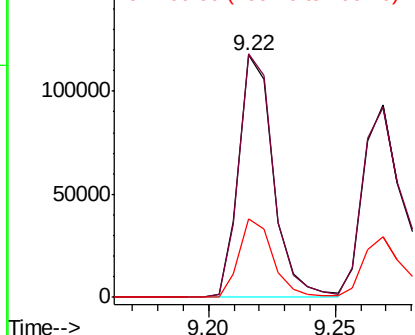
#43
 2,4,6-Trichlorophenol
 Concen: 42.003 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion:196 Resp: 112439
 Ion Ratio Lower Upper
 196 100
 198 100.6 76.2 114.4
 200 32.2 24.4 36.6

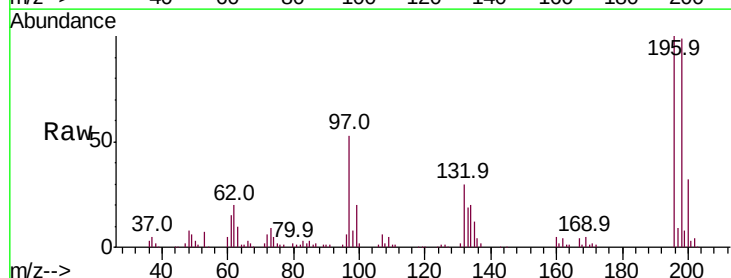


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

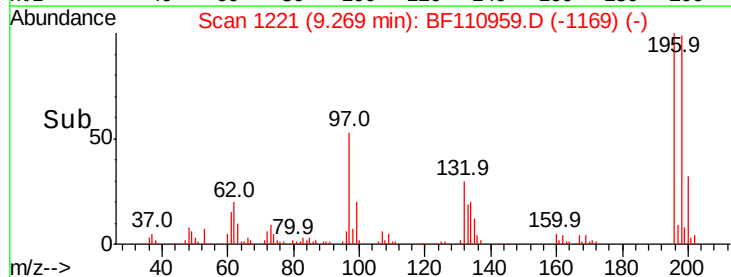
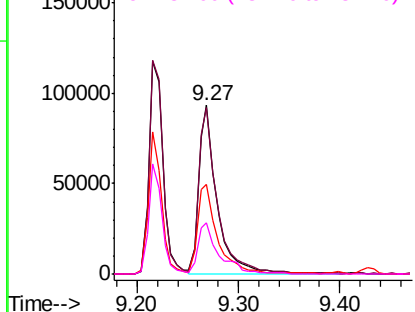


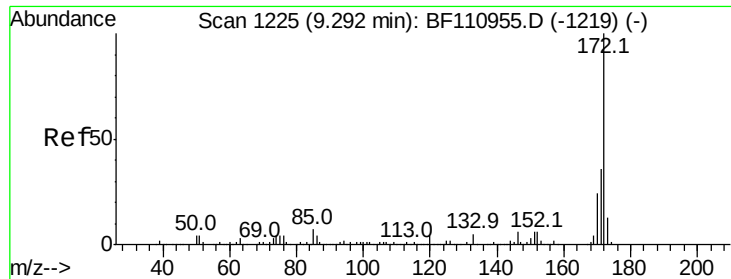
#44
 2,4,5-Trichlorophenol
 Concen: 41.769 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:196 Resp: 117732
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.8 113.6
 97 53.0 42.4 63.6
 132 30.3 22.8 34.2



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

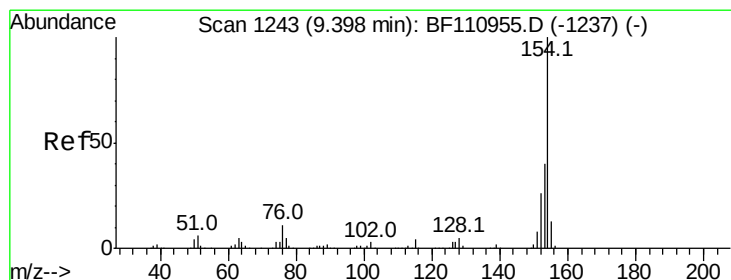
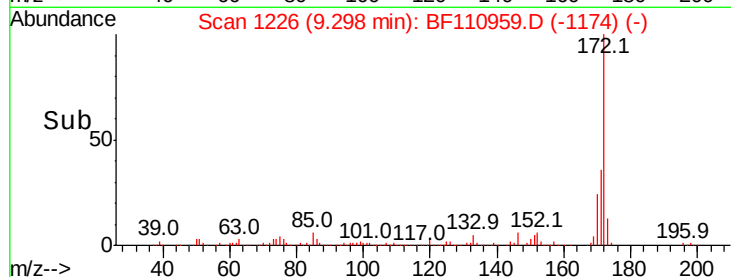
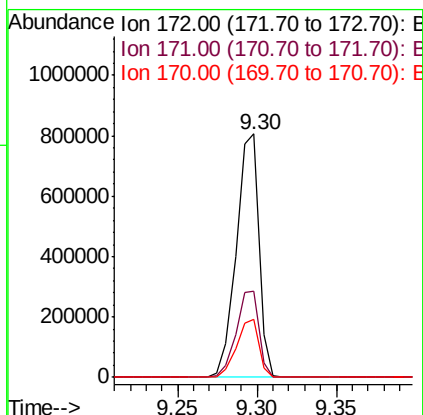
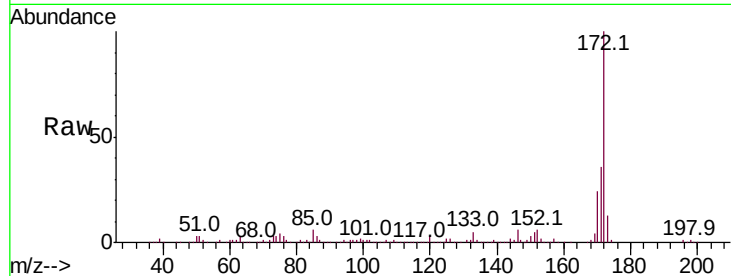




#45
 2-Fluorobiphenyl
 Concen: 80.888 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

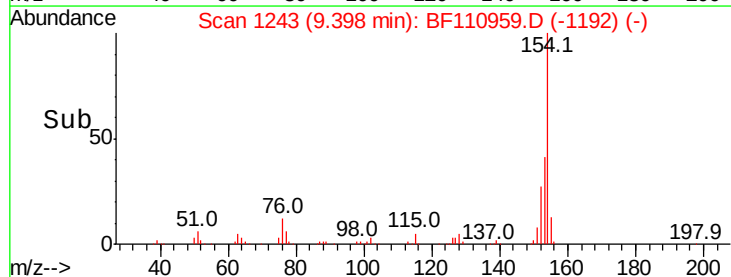
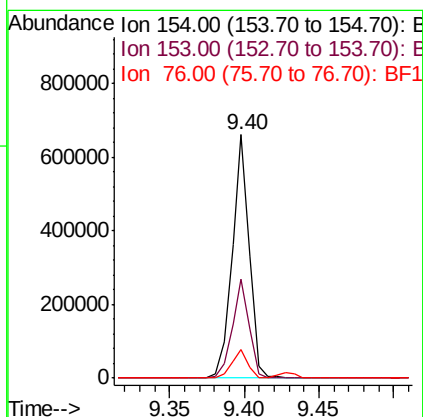
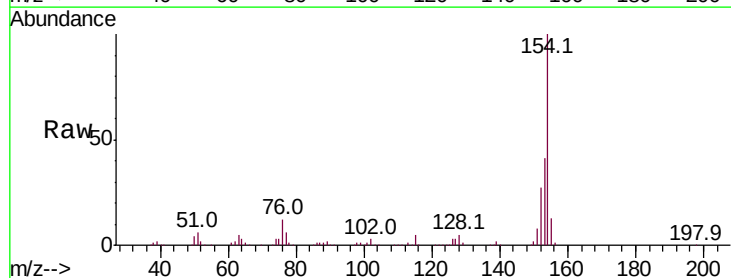
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

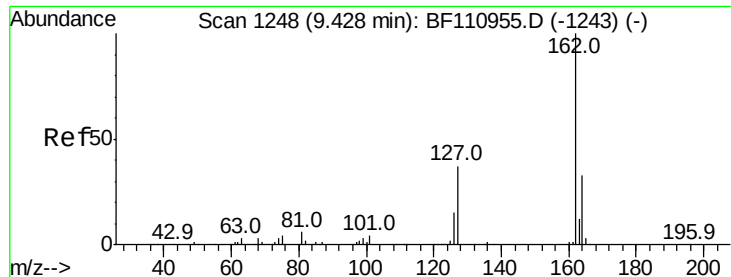
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.7	29.5



#46
 1,1'-Biphenyl
 Concen: 40.630 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	11.6	0.0	31.9

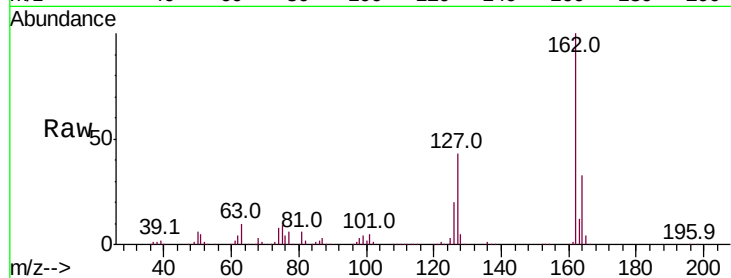




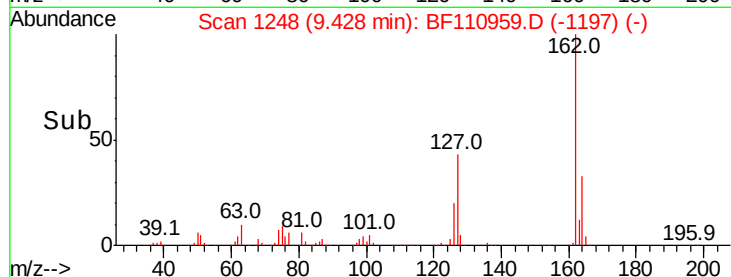
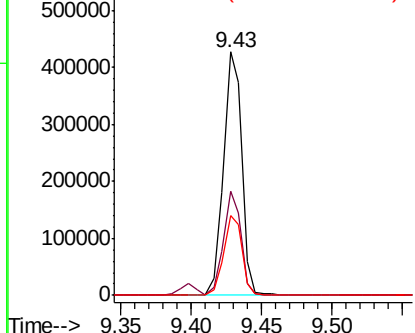
#47
 2-Chloronaphthalene
 Concen: 40.382 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.6	48.8
164	33.0	25.9	38.9

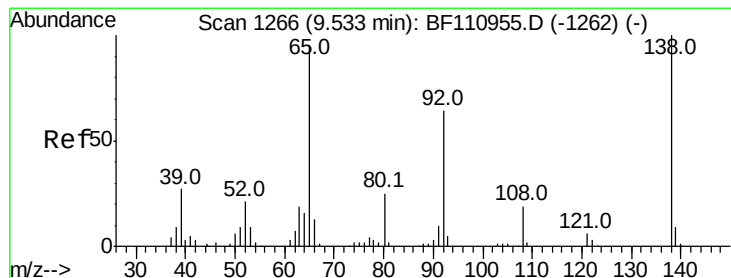


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

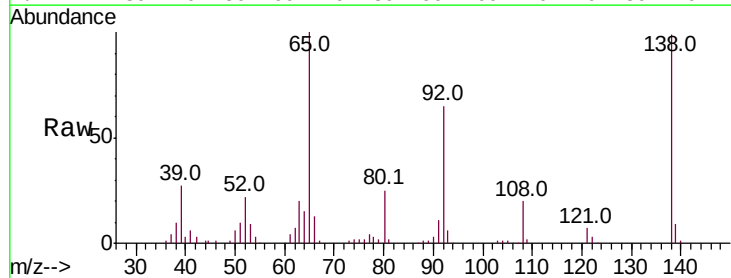
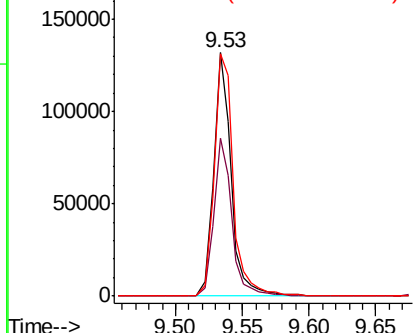


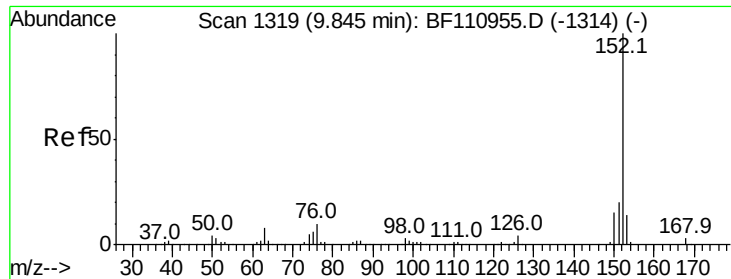
#48
 2-Nitroaniline
 Concen: 40.794 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	54.6	81.8
138	99.4	80.3	120.5



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





#49

Acenaphthylene

Concen: 40.544 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

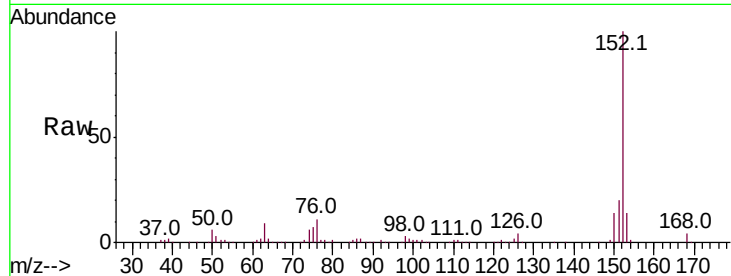
Tot Ion:152 Resp: 549096

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

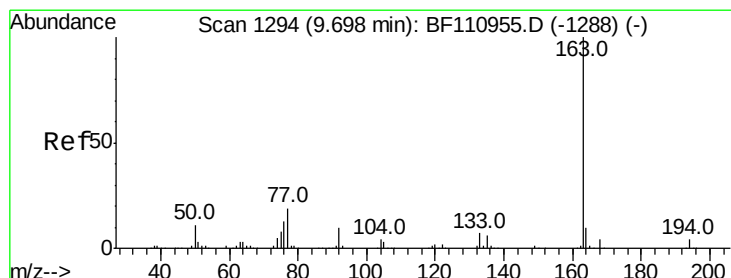
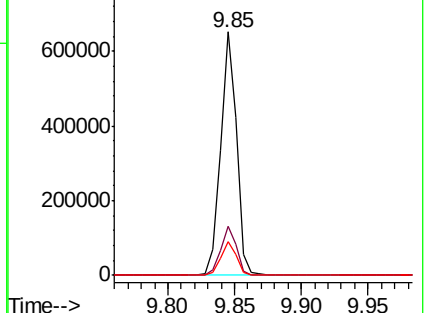
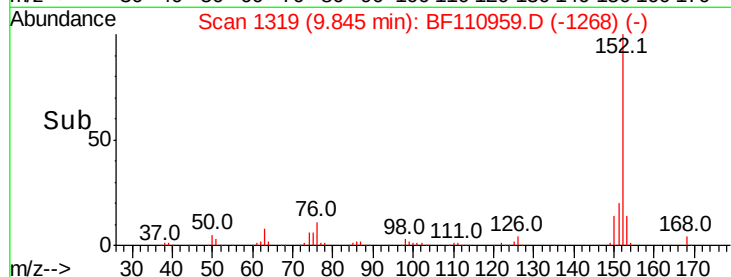
153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.151 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

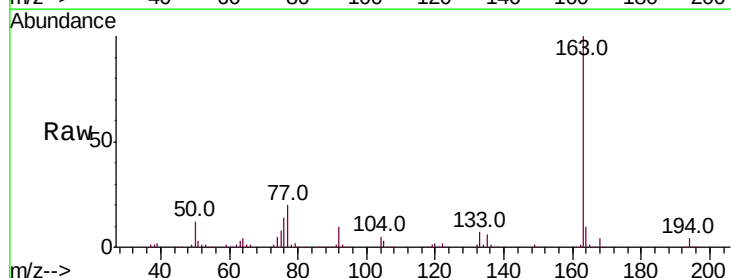
Tgt Ion:163 Resp: 419561

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

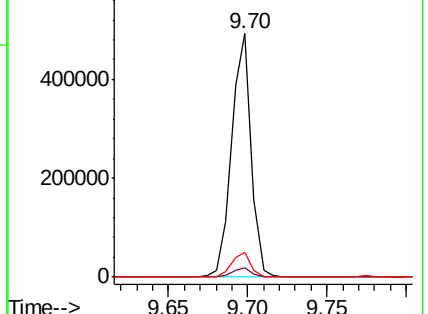
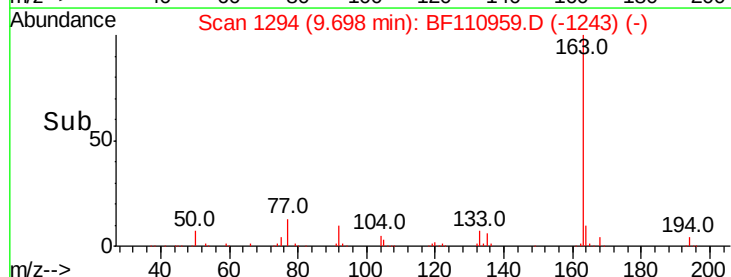
164 10.0 8.1 12.1

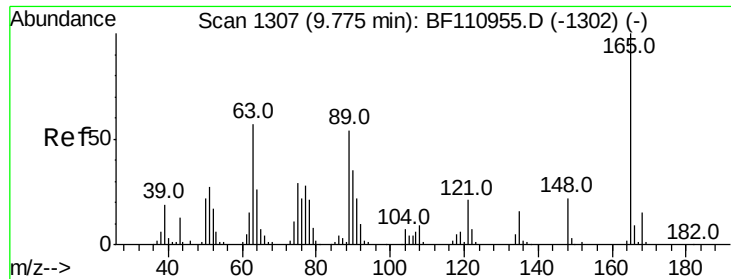


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

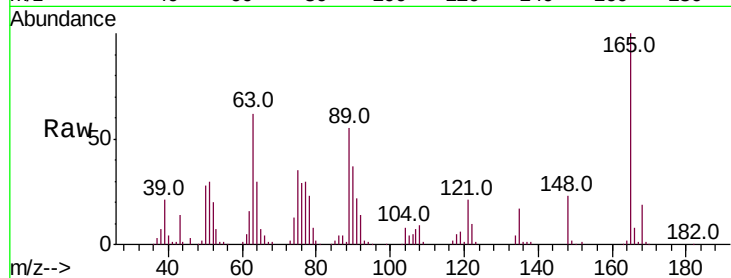




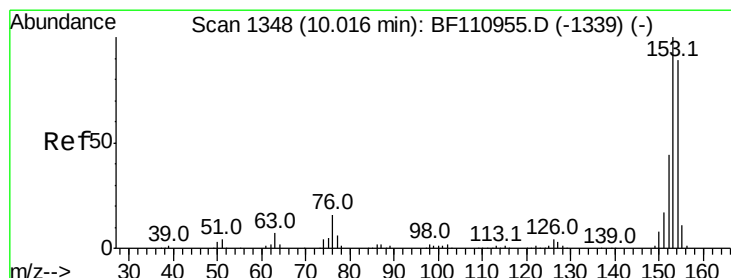
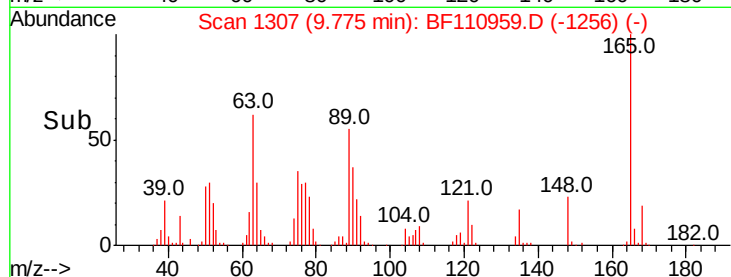
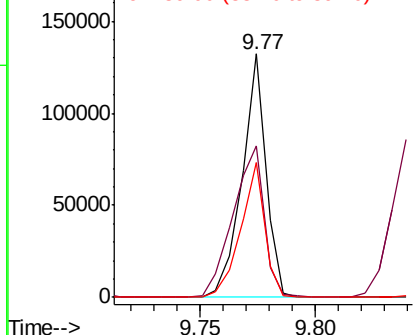
#51
 2,6-Dinitrotoluene
 Concen: 41.322 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion:165 Resp: 96128
 Ion Ratio Lower Upper
 165 100
 63 62.0 48.9 73.3
 89 55.4 46.6 69.8

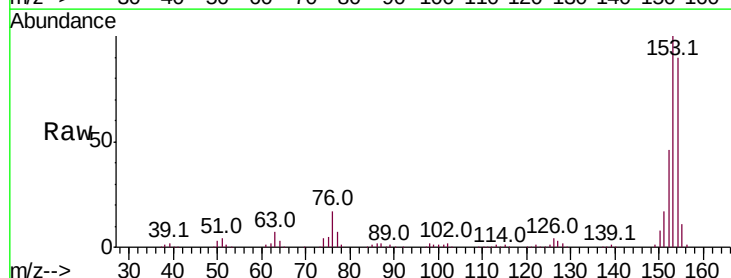


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

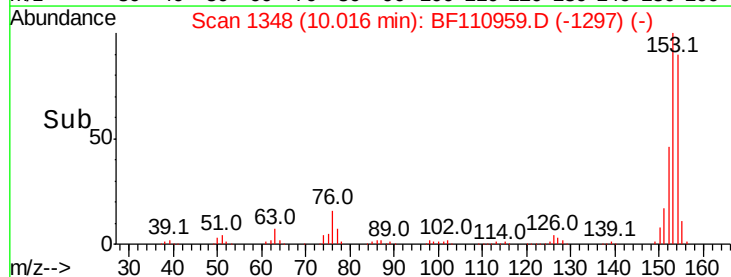
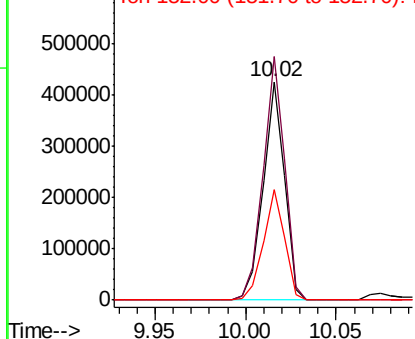


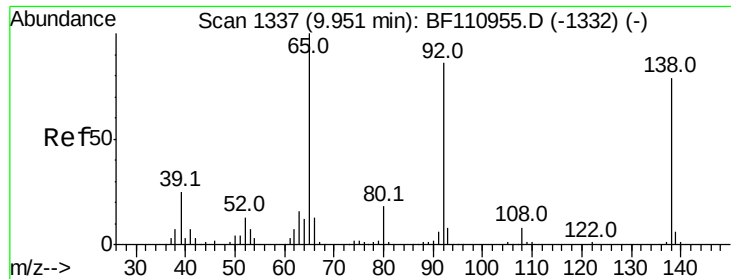
#52
 Acenaphthene
 Concen: 40.345 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:154 Resp: 350286
 Ion Ratio Lower Upper
 154 100
 153 111.4 90.1 135.1
 152 50.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E



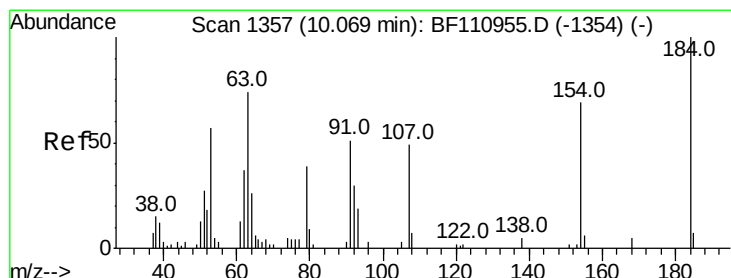
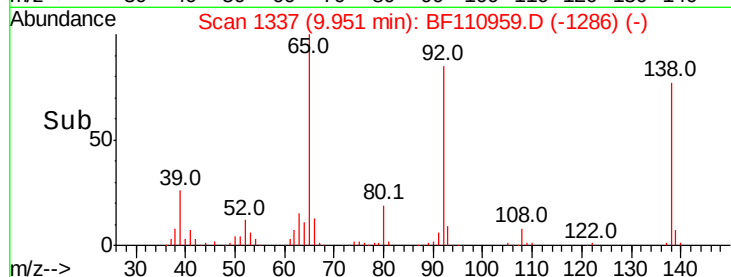
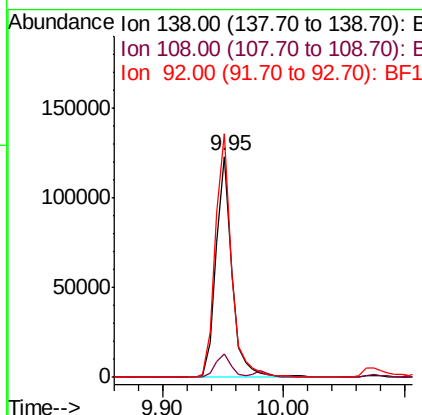
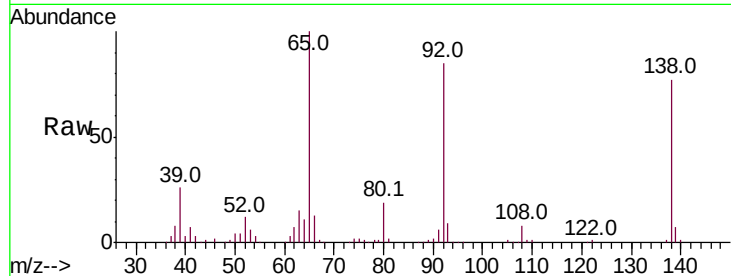


#53
 3-Nitroaniline
 Concen: 40.869 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion:138 Resp: 110810

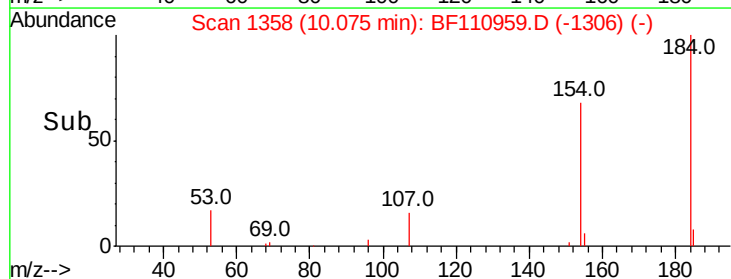
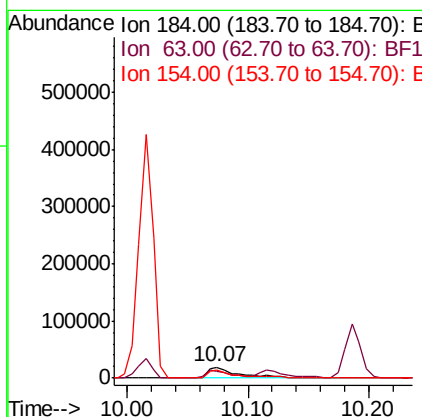
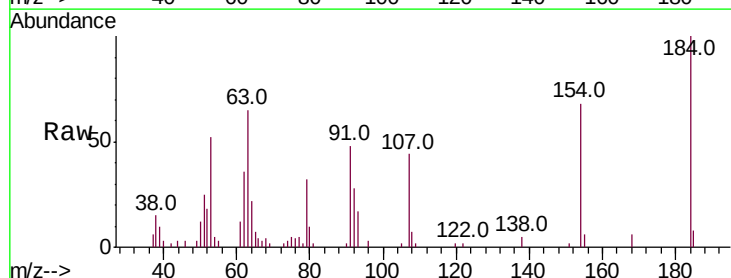
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	110.1	97.0	145.4

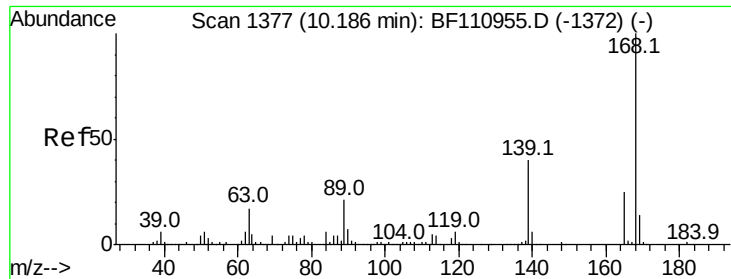


#54
 2,4-Dinitrophenol
 Concen: 42.842 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:184 Resp: 33724

Ion	Ratio	Lower	Upper
184	100		
63	65.3	55.8	83.6
154	67.9	63.2	94.8

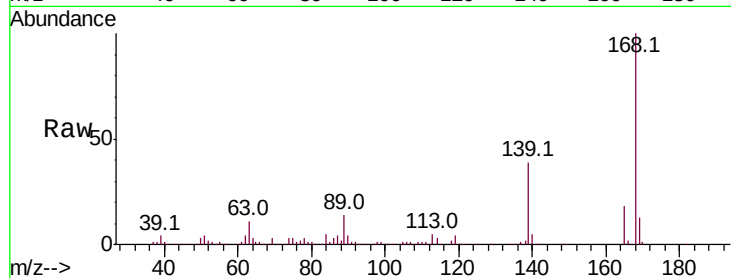




#55
Dibenzofuran
Concen: 40.142 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	33.0	49.6
169	12.7	11.3	16.9

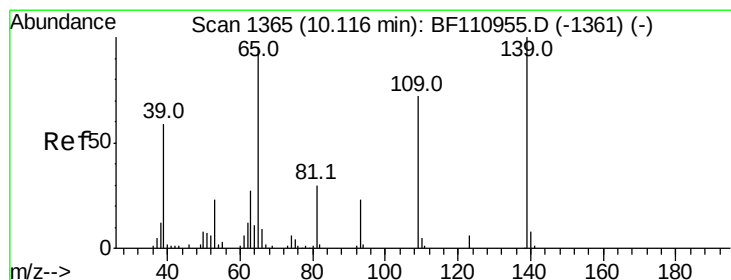
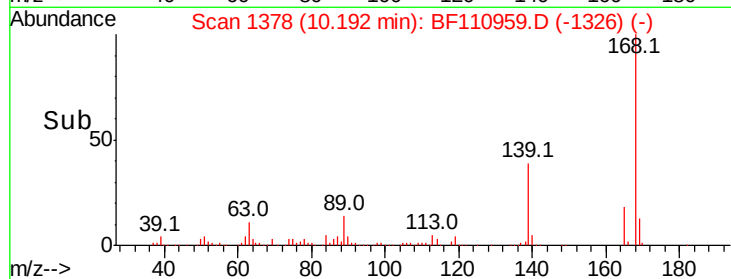
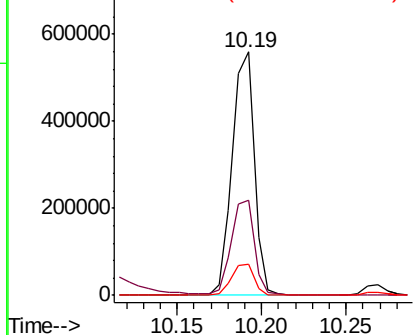


Abundance

Ion 168.00 (167.70 to 168.70): E

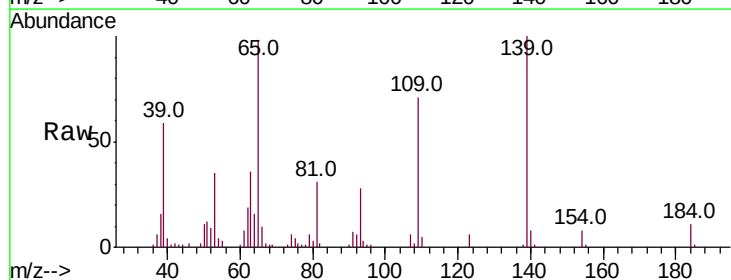
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.684 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	55.8	95.8
65	98.2	77.9	117.9

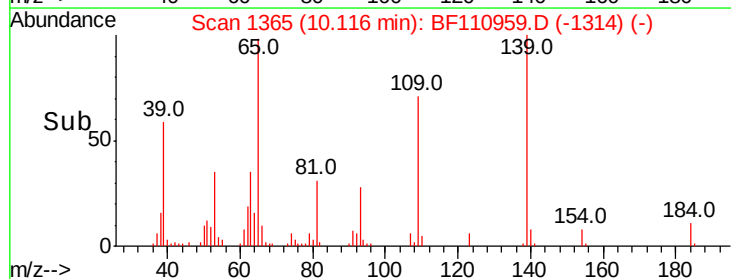
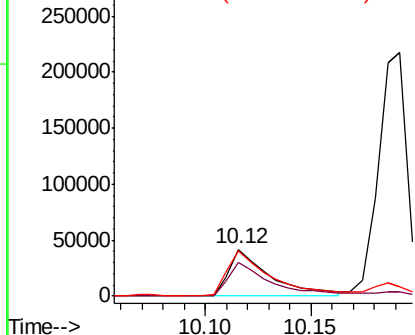


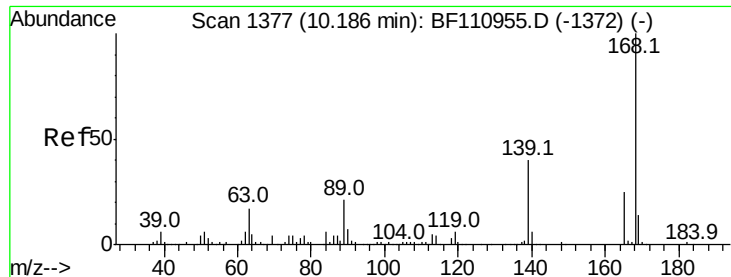
Abundance

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

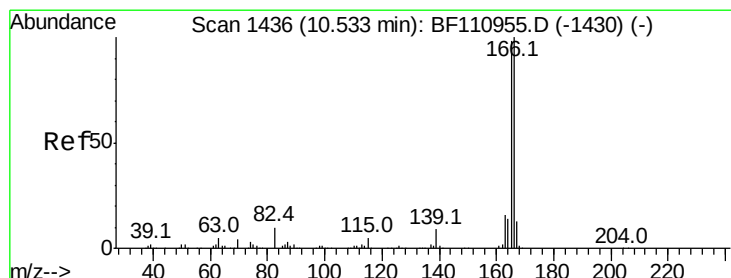
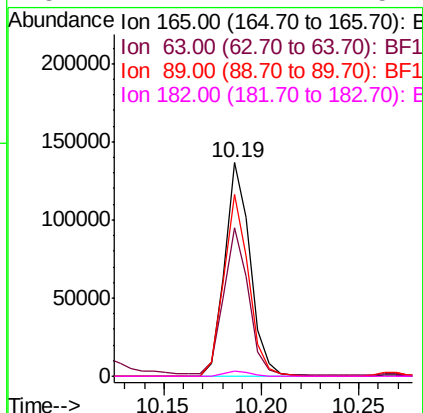
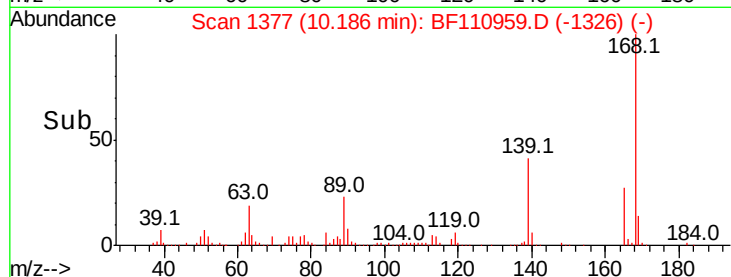
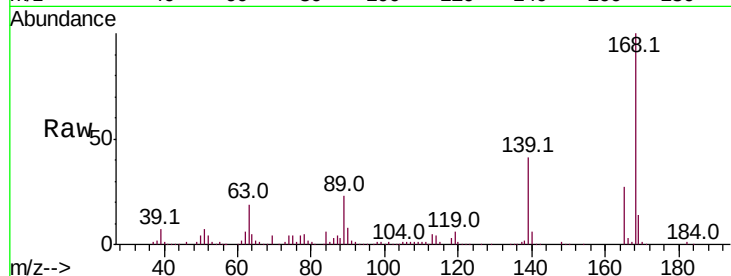




#57
 2,4-Dinitrotoluene
 Concen: 40.876 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

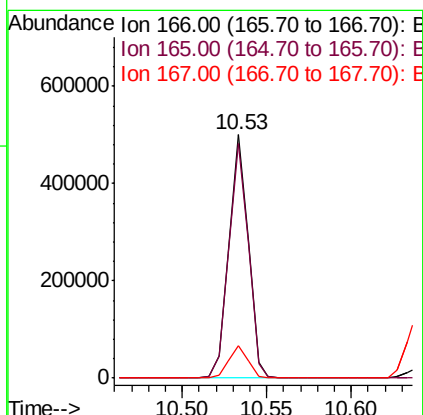
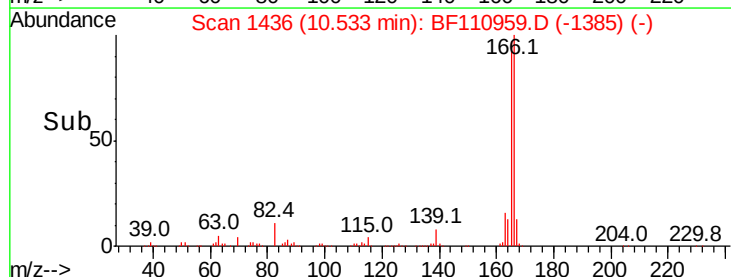
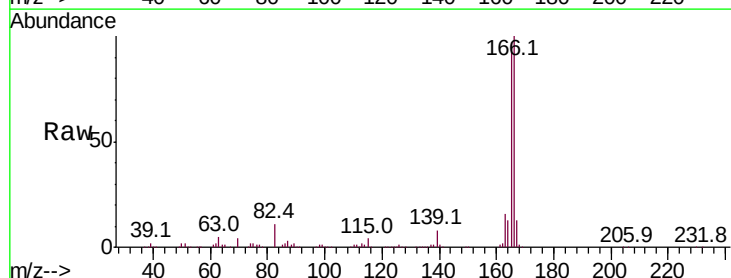
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

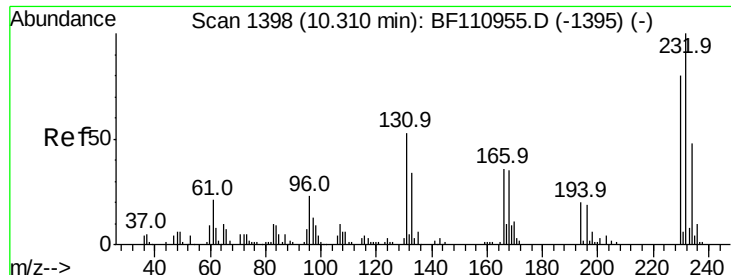
Tot Ion	Ratio	Lower	Upper
165	100		
63	69.5	44.8	67.2#
89	84.9	62.2	93.4
182	2.4	2.1	3.1



#58
 Fluorene
 Concen: 40.379 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	117.8
167	13.1	10.8	16.2

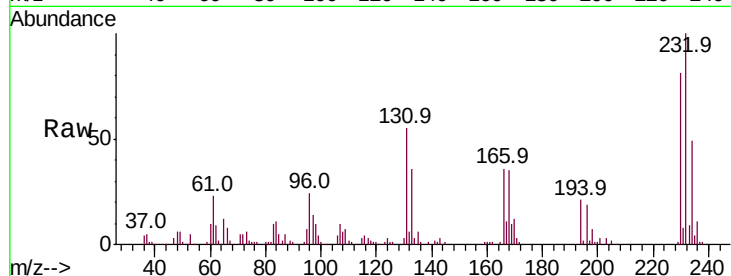




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.899 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.0	37.0	55.4
130	2.4	1.8	2.6
166	32.7	22.0	33.0



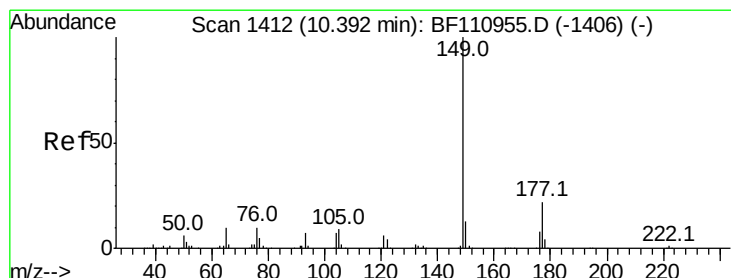
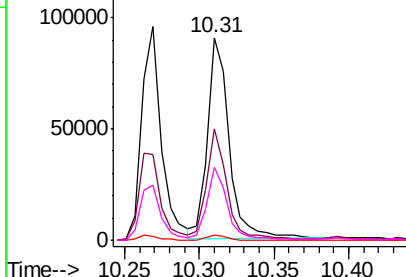
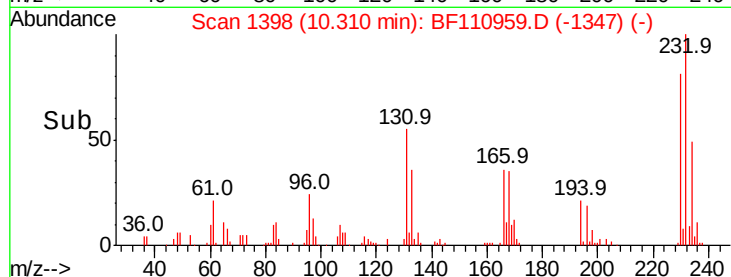
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

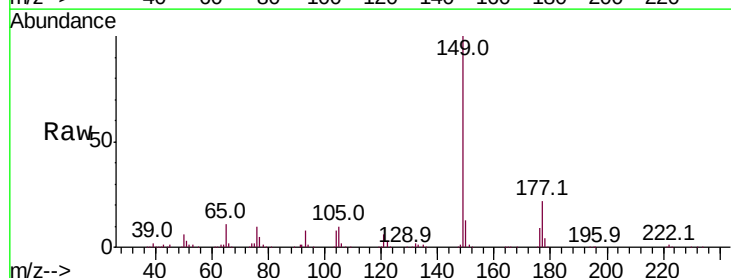
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.865 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.7	9.8	14.8

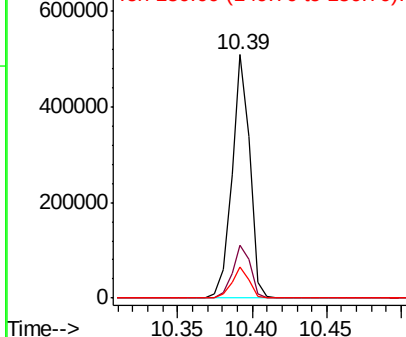
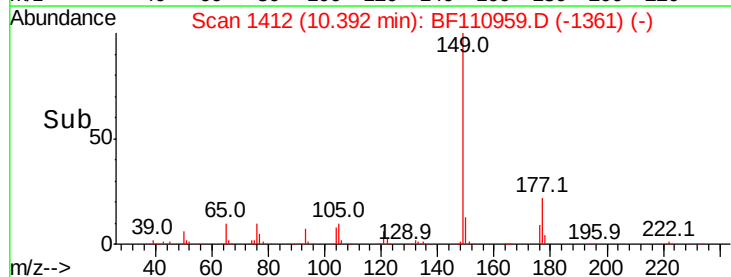


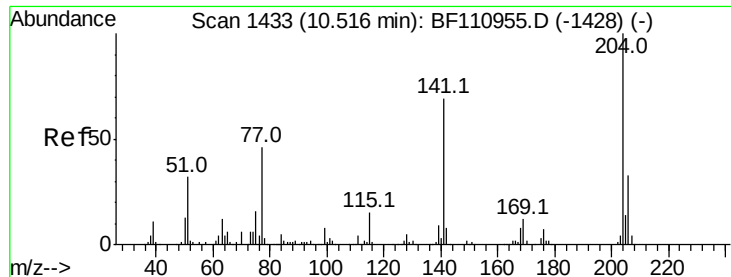
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

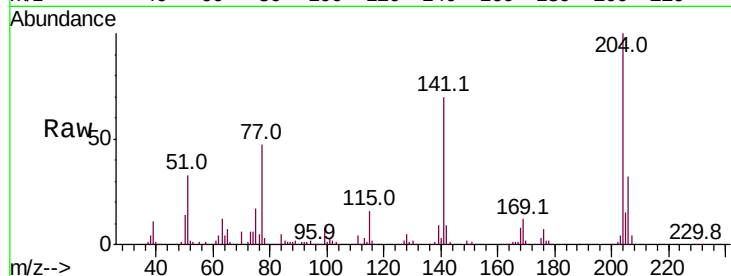




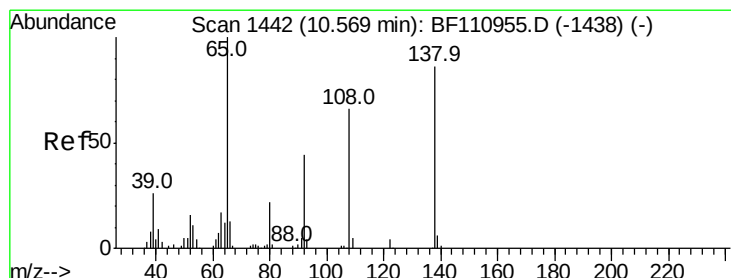
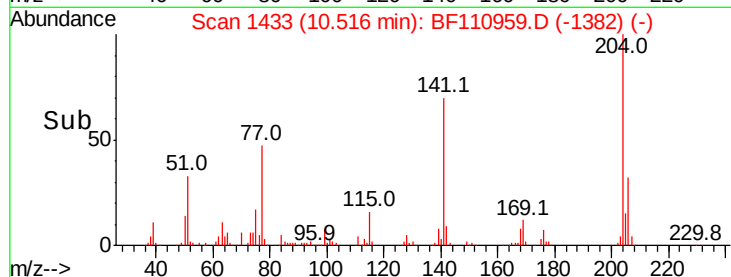
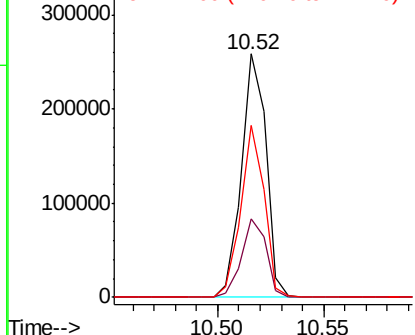
#61
4-Chlorophenyl-phenylether
Concen: 40.278 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	70.5	51.8	77.8

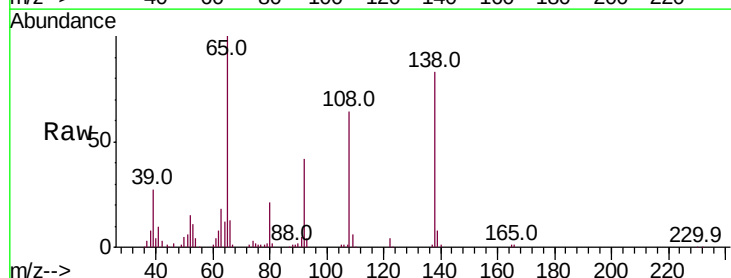


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

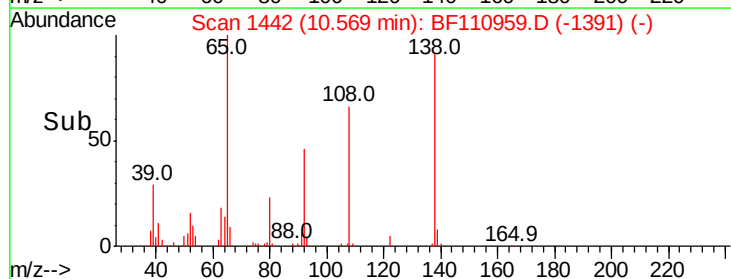
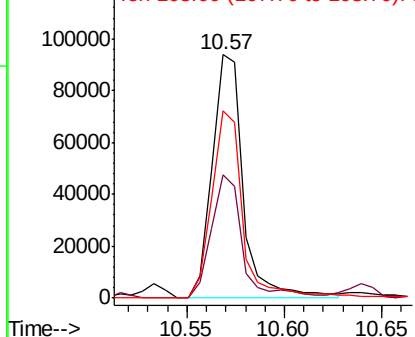


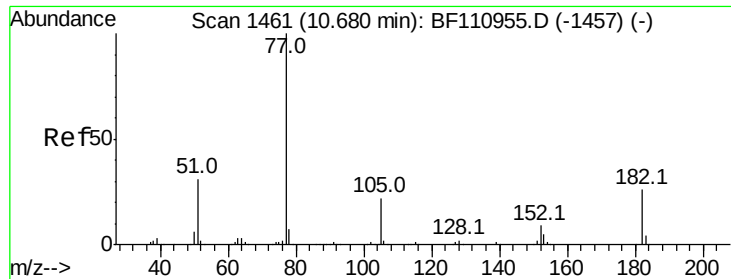
#62
4-Nitroaniline
Concen: 41.155 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	76.9	59.3	99.3



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: 40.311 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

Tot Ion: 77 Resp: 423400

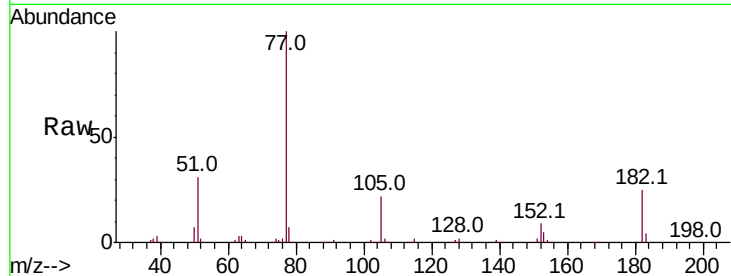
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.3	44.3
105	21.5	1.3	41.3
51	31.5	9.0	49.0

77 100

182 25.0 4.3 44.3

105 21.5 1.3 41.3

51 31.5 9.0 49.0

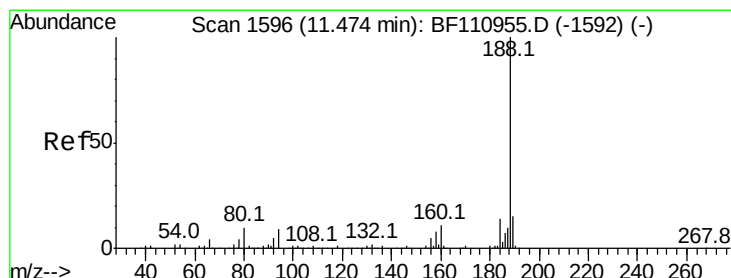
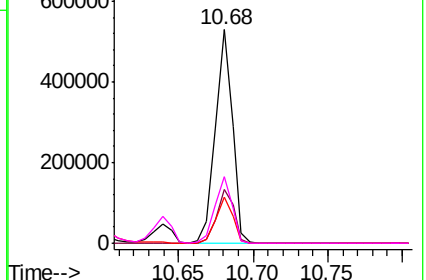
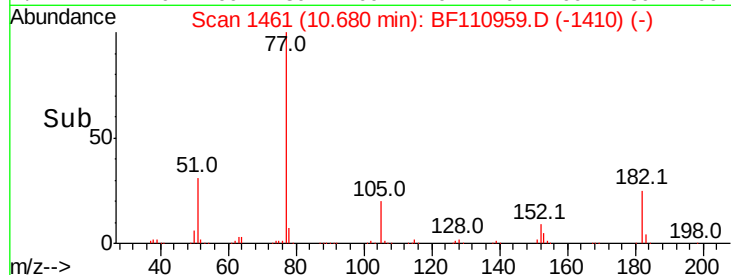


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

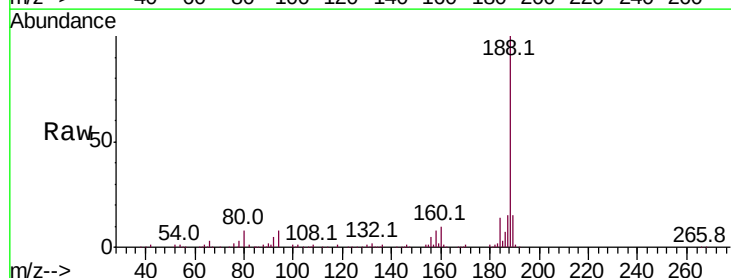
Tgt Ion: 188 Resp: 272010

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.0	7.9	11.9

188 100

94 7.9 7.2 10.8

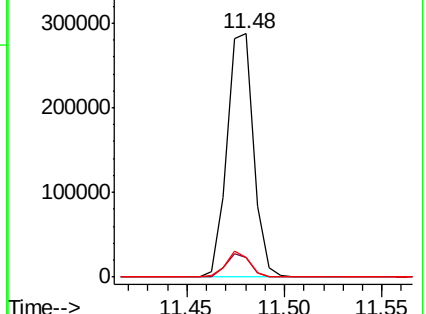
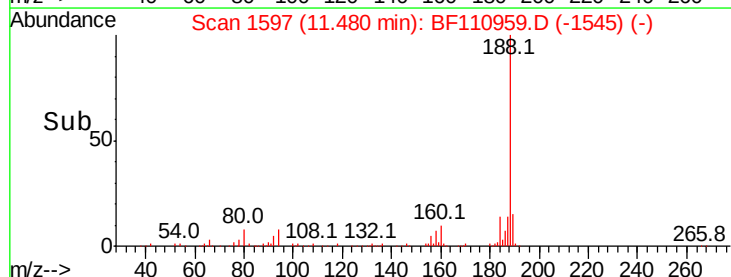
80 8.0 7.9 11.9

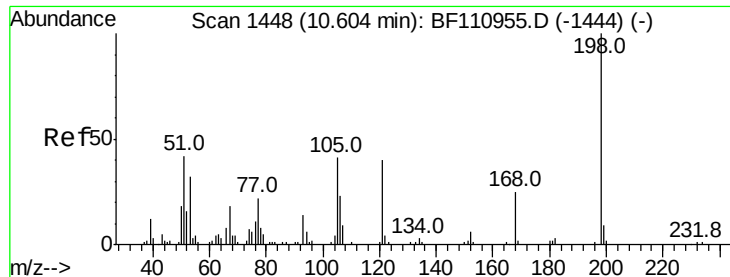


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

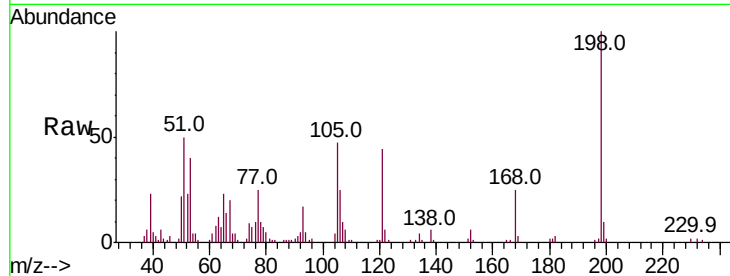




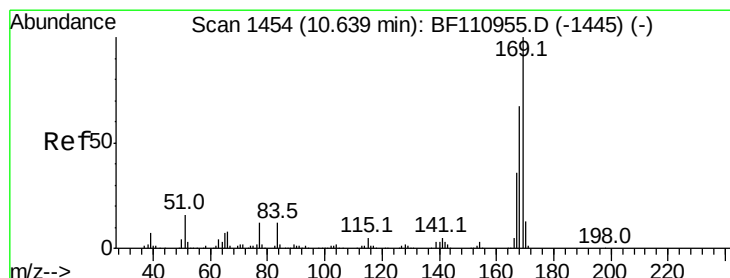
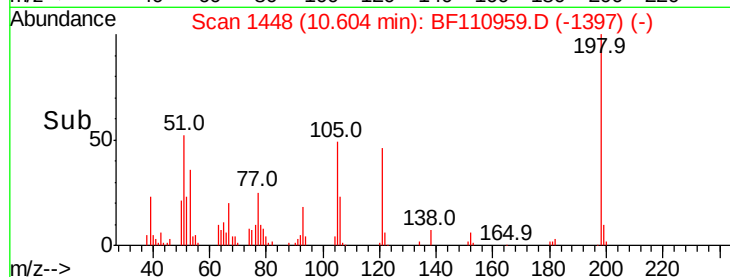
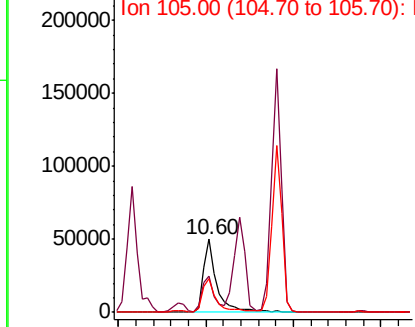
#65
4,6-Dinitro-2-methylphenol
Concen: 42.553 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion:198 Resp: 54753
Ion Ratio Lower Upper
198 100
51 50.0 22.8 62.8
105 46.9 23.6 63.6

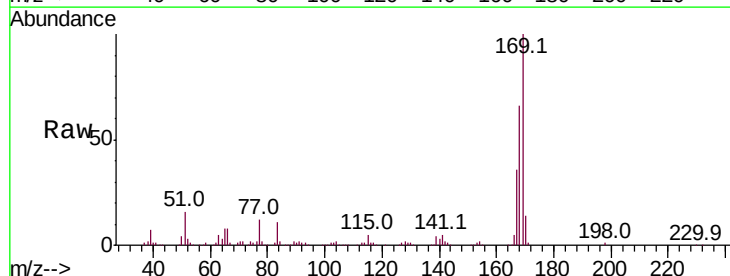


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

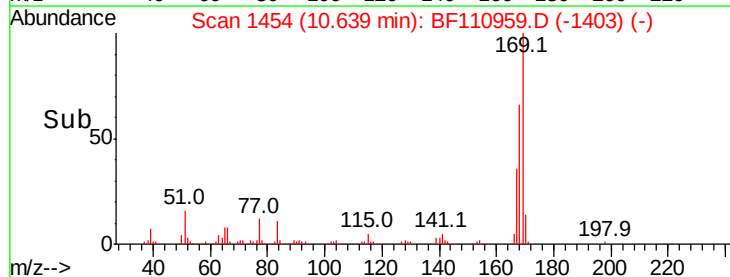
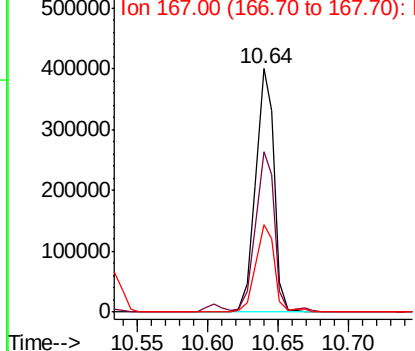


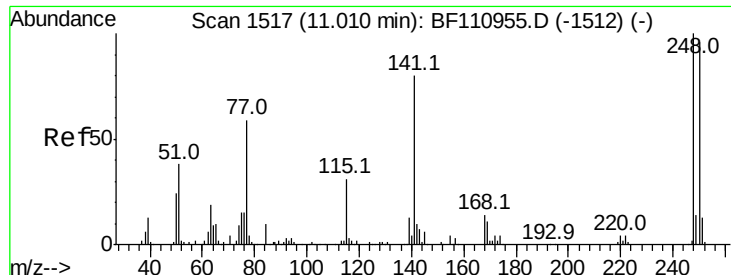
#66
n-Nitrosodiphenylamine
Concen: 41.015 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:169 Resp: 371397
Ion Ratio Lower Upper
169 100
168 66.0 51.2 76.8
167 36.0 27.8 41.6



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

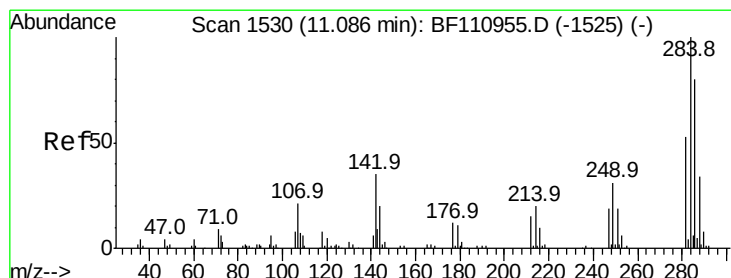
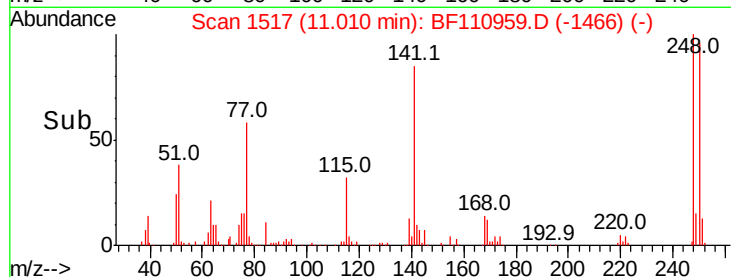
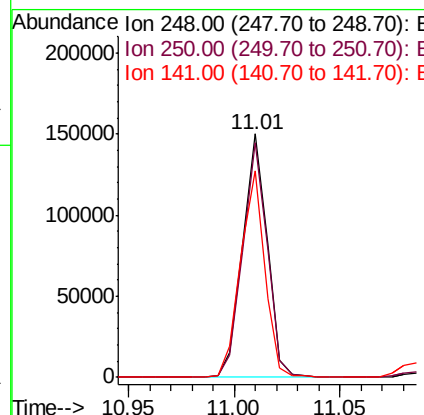
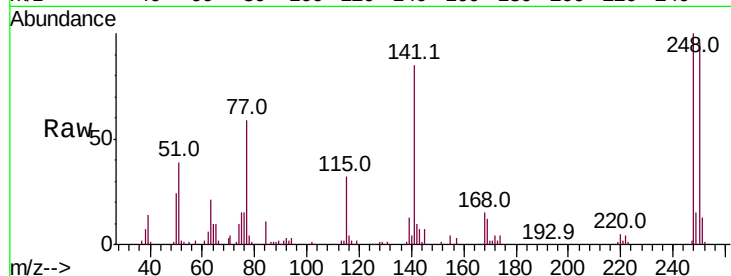




#67
 4-Bromophenyl-phenylether
 Concen: 40.792 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

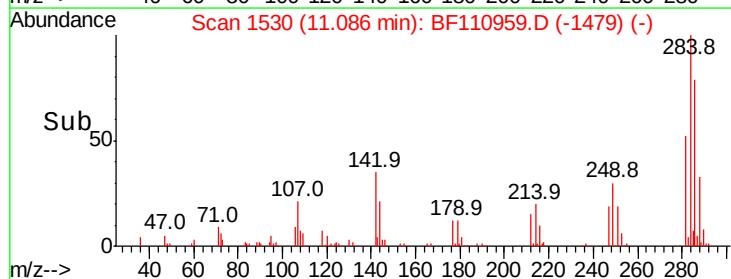
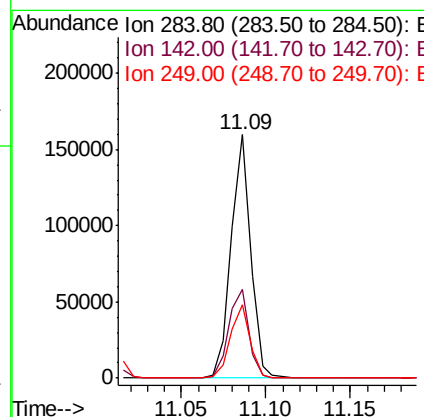
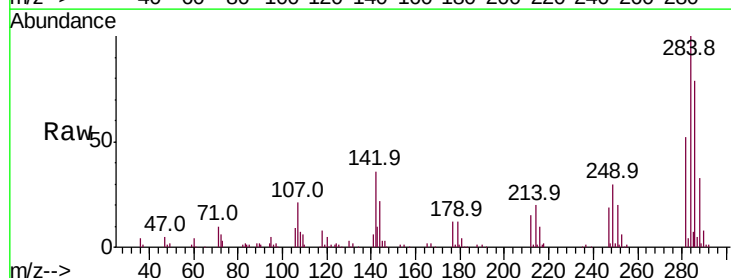
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

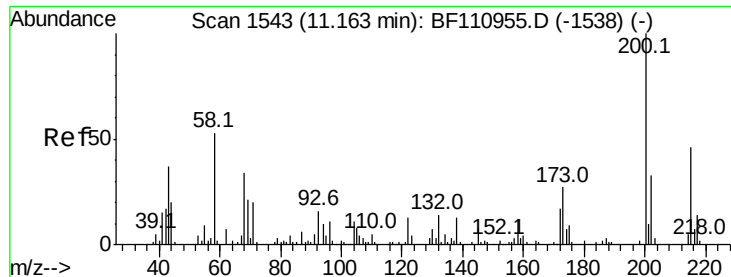
Tot Ion:248 Resp: 120844
 Ion Ratio Lower Upper
 248 100
 250 96.2 79.4 119.2
 141 84.7 55.9 83.9#



#68
 Hexachlorobenzene
 Concen: 40.706 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:284 Resp: 128443
 Ion Ratio Lower Upper
 284 100
 142 36.3 23.9 35.9#
 249 30.2 24.2 36.2





#69

Atrazine

Concen: 43.159 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

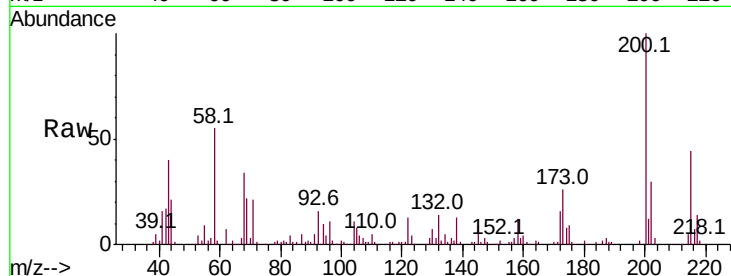
Tot Ion:200 Resp: 105862

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

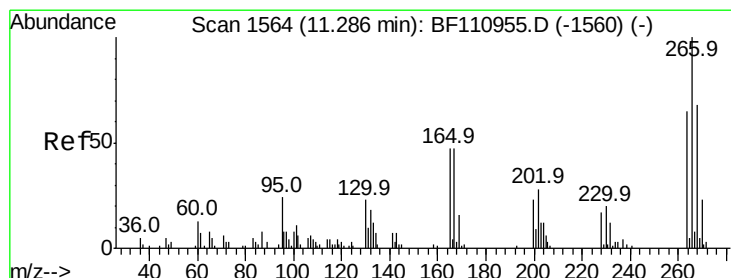
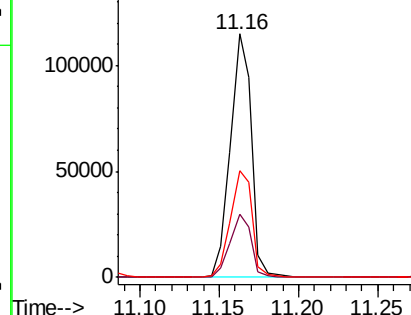
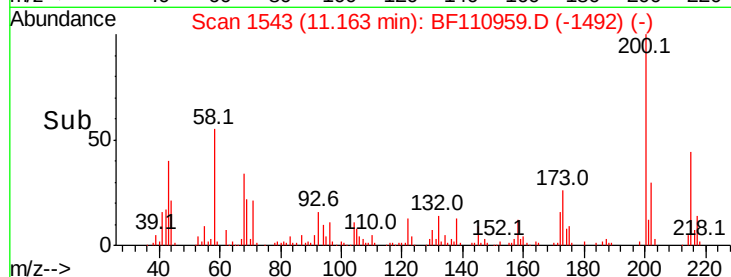
215 44.0 26.3 66.3



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: 41.691 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

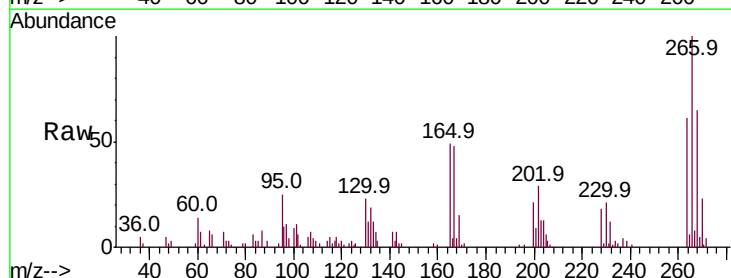
Tgt Ion:266 Resp: 52338

Ion Ratio Lower Upper

266 100

268 64.9 50.6 75.8

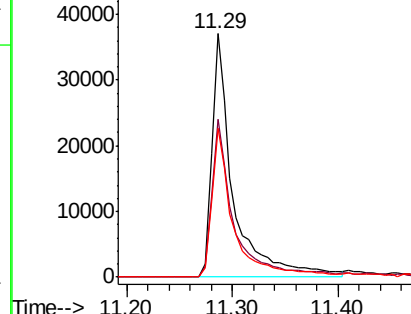
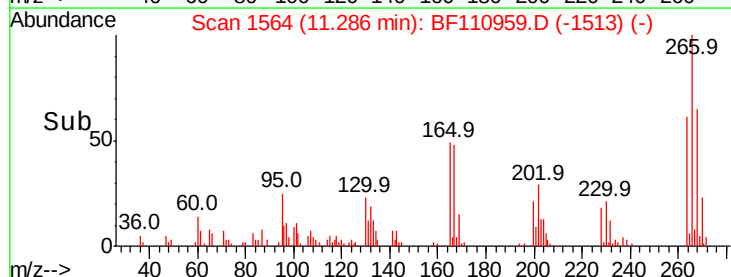
264 61.1 50.6 75.8

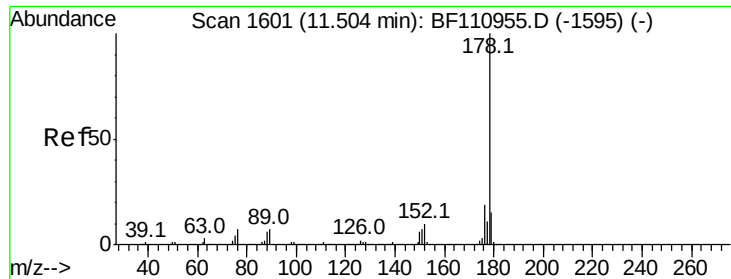


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.140 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

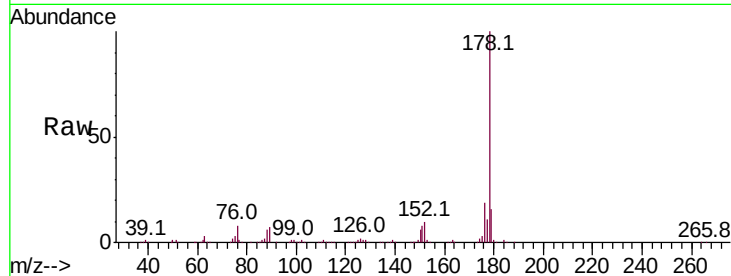
Tot Ion:178 Resp: 578276

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

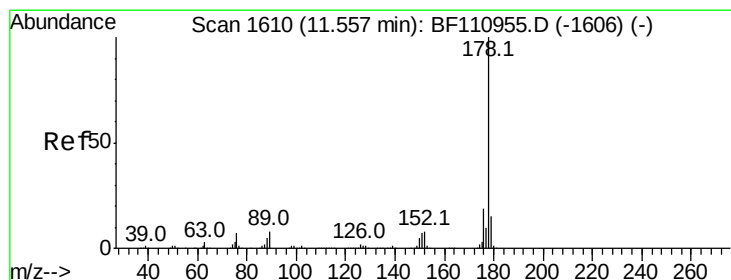
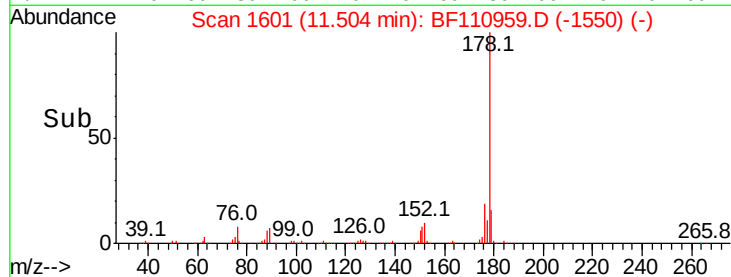
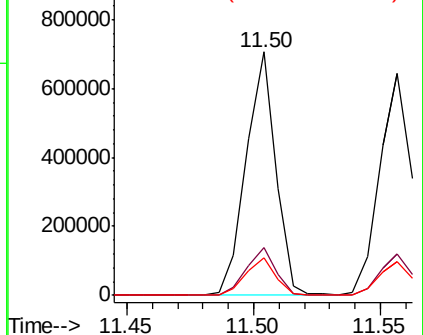
179 15.5 12.5 18.7



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: 40.140 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

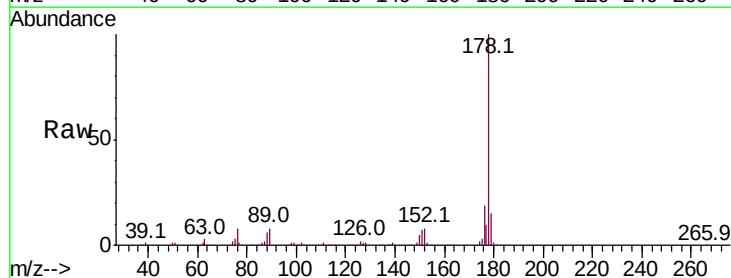
Tgt Ion:178 Resp: 588915

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

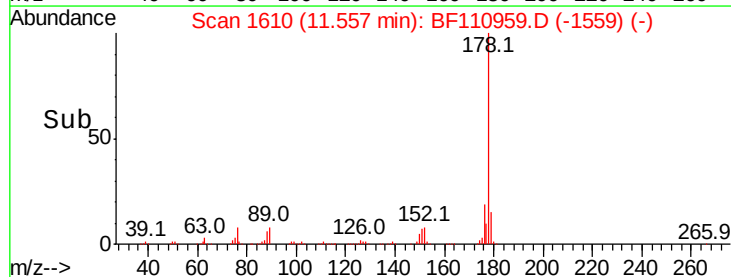
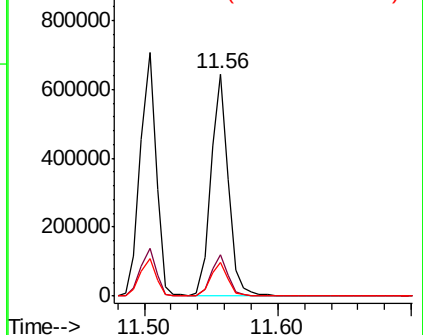
179 15.3 12.6 18.8

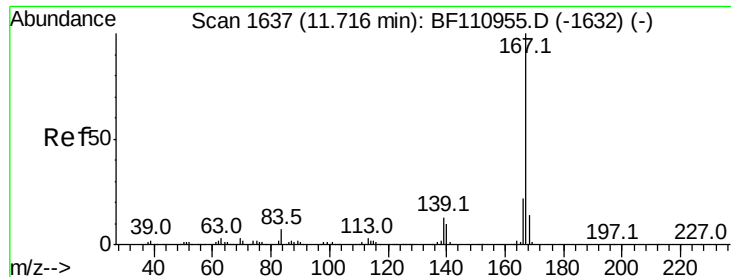


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

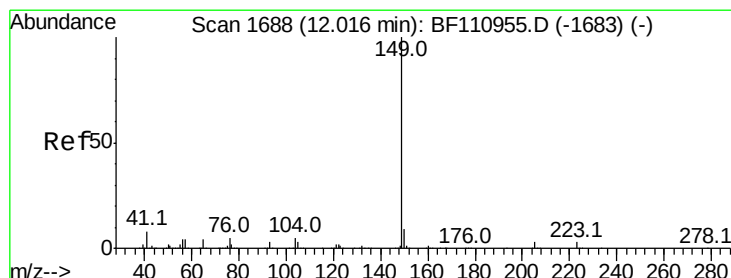
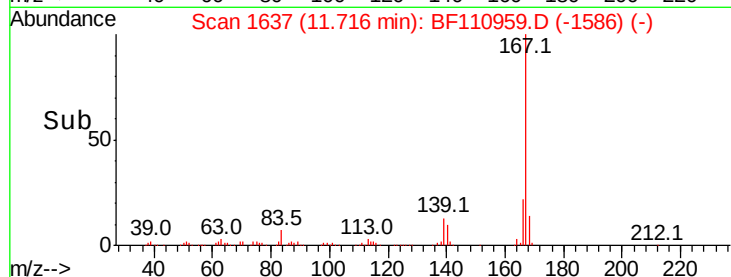
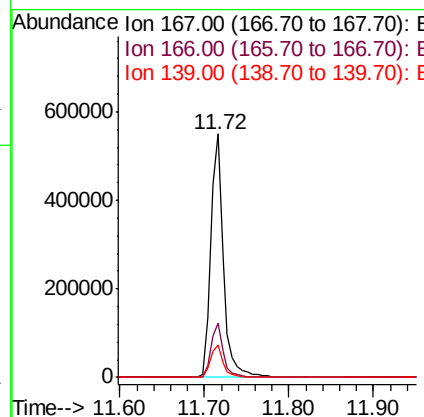
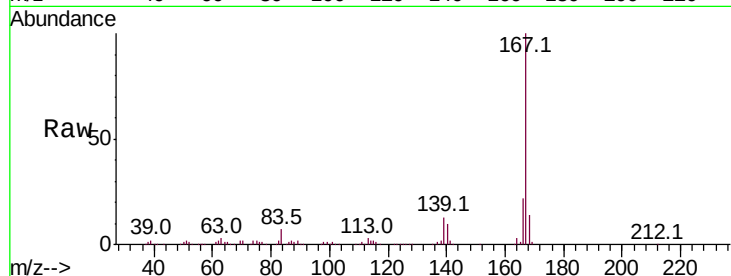




#73
 Carbazole
 Concen: 40.192 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

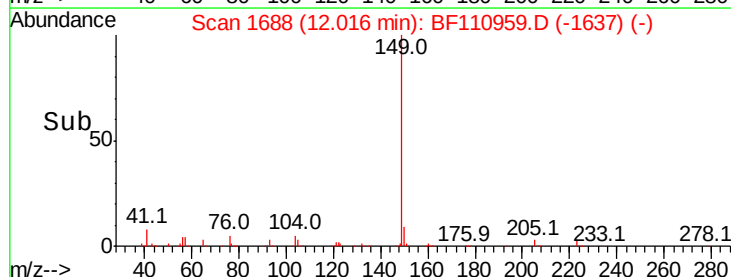
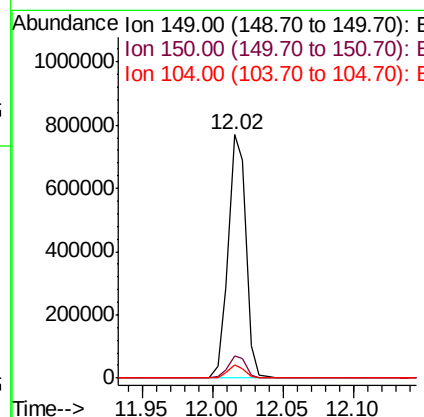
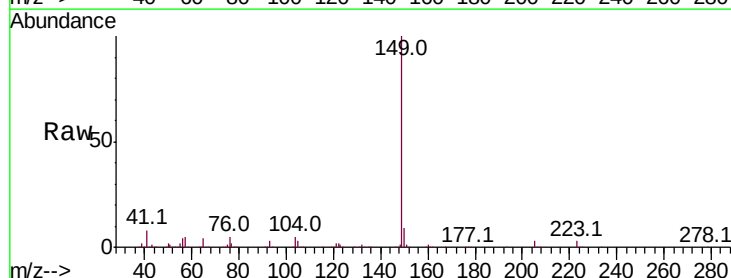
Instrument :
 BNA_F
 ClientSampleId :
 ICBF112618

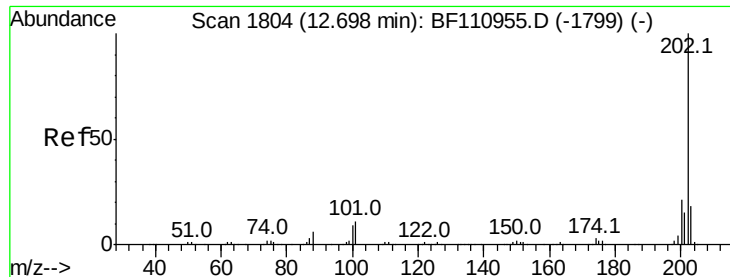
Tot Ion:167 Resp: 572341
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.511 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:149 Resp: 674496
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 39.774 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

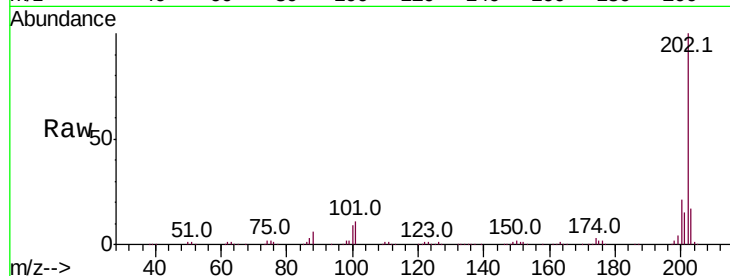
Tot Ion:202 Resp: 588923

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

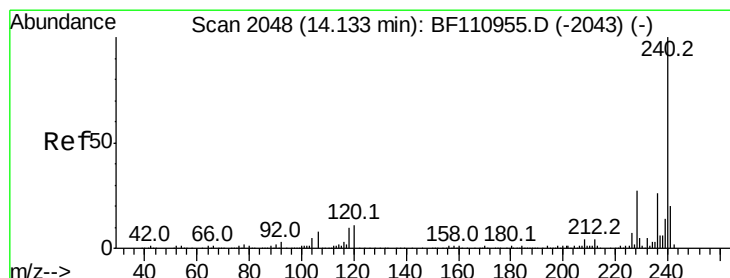
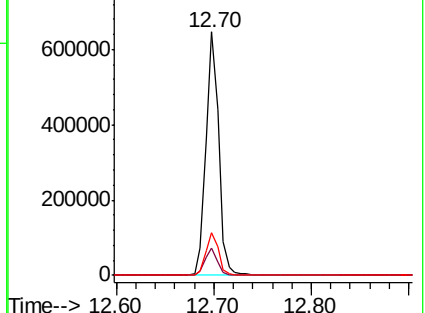
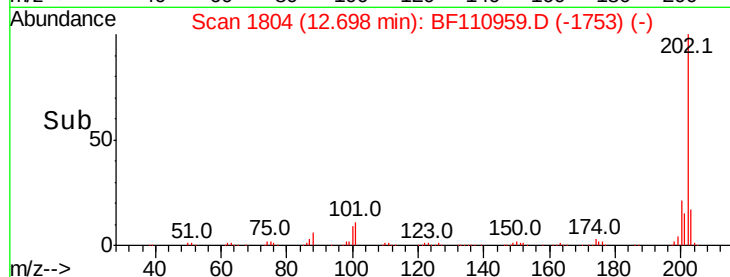
203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

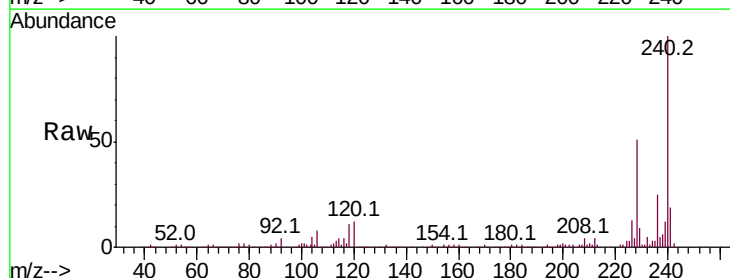
Tgt Ion:240 Resp: 210103

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

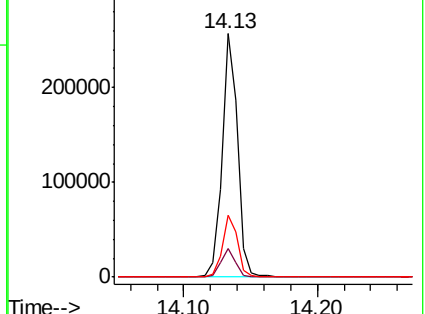
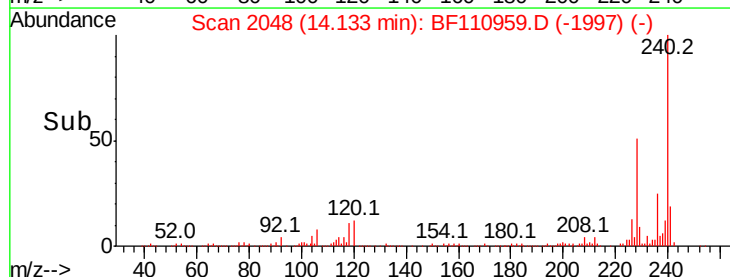
236 25.5 21.2 31.8

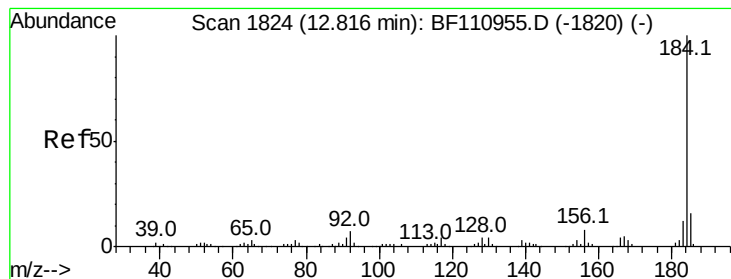


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.626 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

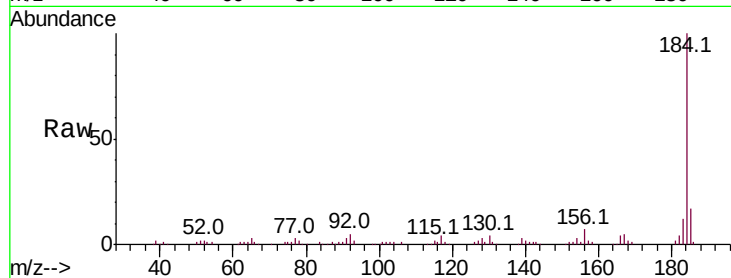
Tot Ion:184 Resp: 175335

Ion Ratio Lower Upper

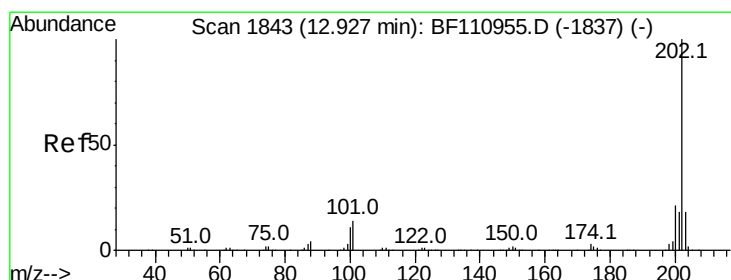
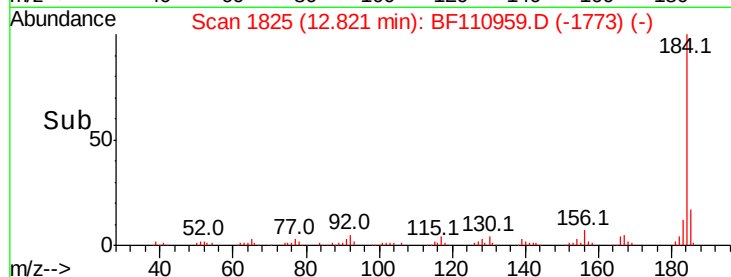
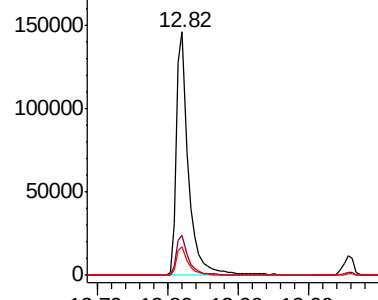
184 100

185 16.5 13.4 20.2

183 11.5 9.4 14.2



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: 39.479 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

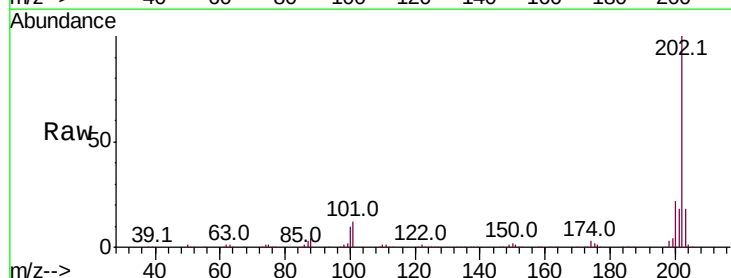
Tgt Ion:202 Resp: 605825

Ion Ratio Lower Upper

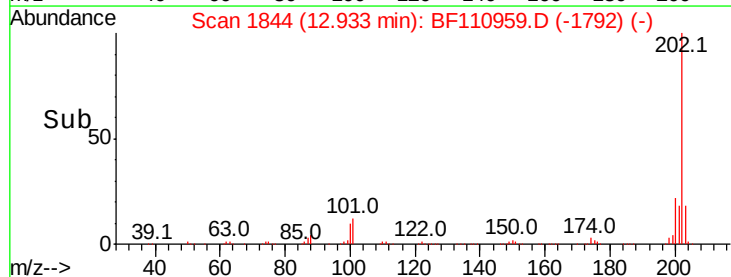
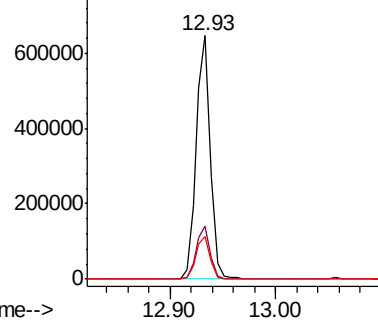
202 100

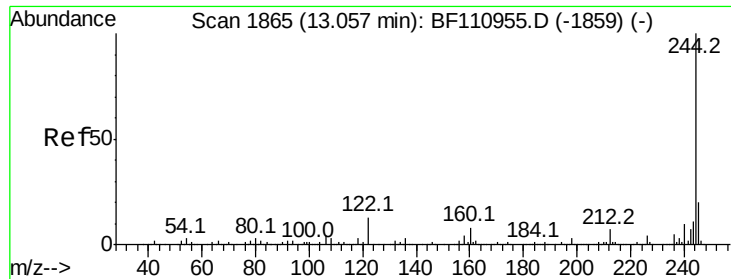
200 21.6 17.8 26.6

203 17.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

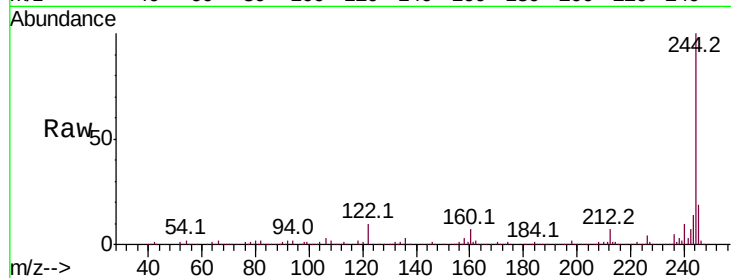




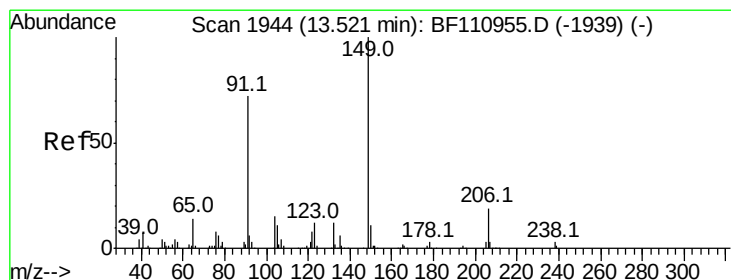
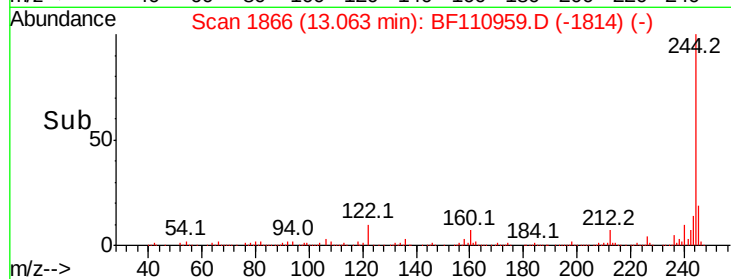
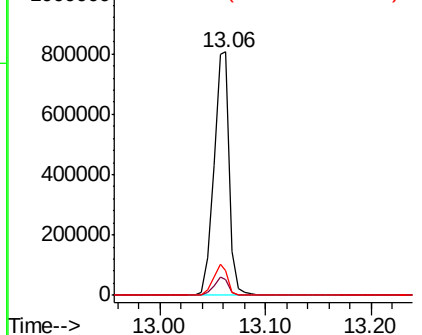
#79
 Terphenyl-d14
 Concen: 77.431 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112618

Tot Ion:244 Resp: 835718
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.2 8.7 13.1

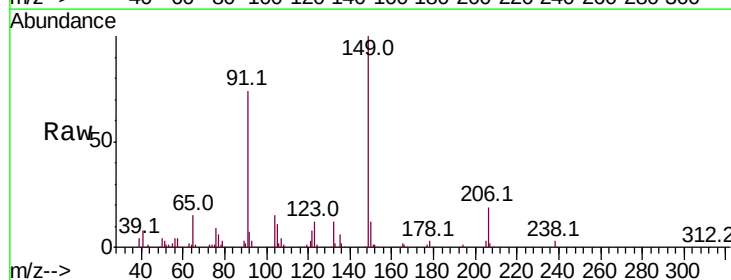


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

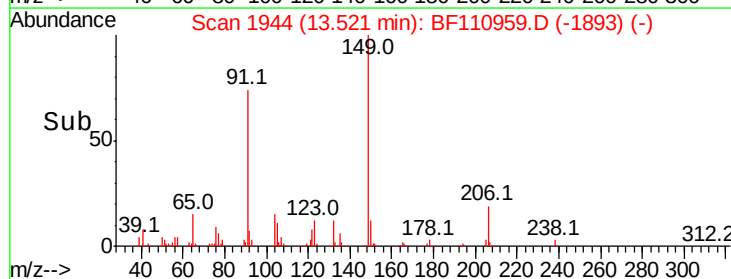
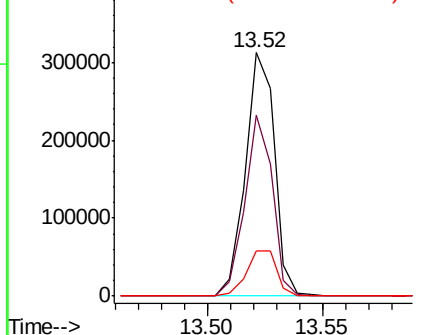


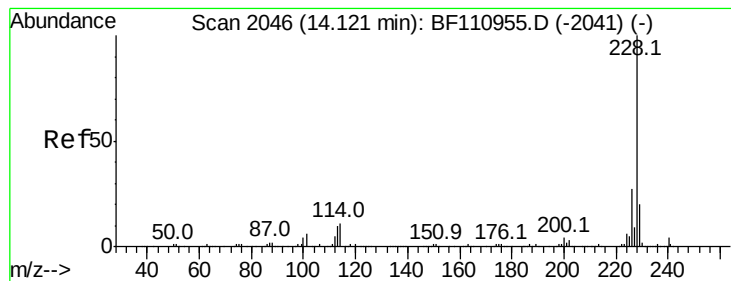
#80
 Butylbenzylphthalate
 Concen: 39.882 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BF110959.D
 Acq: 26 Nov 2018 13:05

Tgt Ion:149 Resp: 276307
 Ion Ratio Lower Upper
 149 100
 91 74.4 57.2 85.8
 206 18.8 15.7 23.5



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: 39.594 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

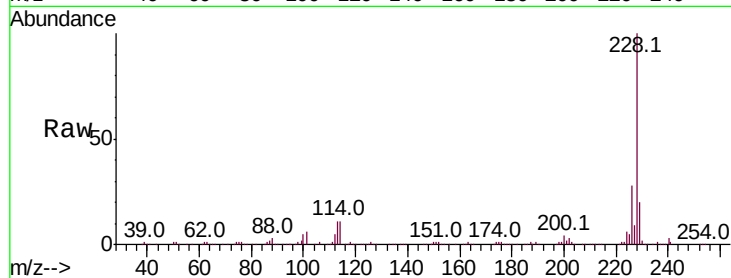
Tot Ion:228 Resp: 491133

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

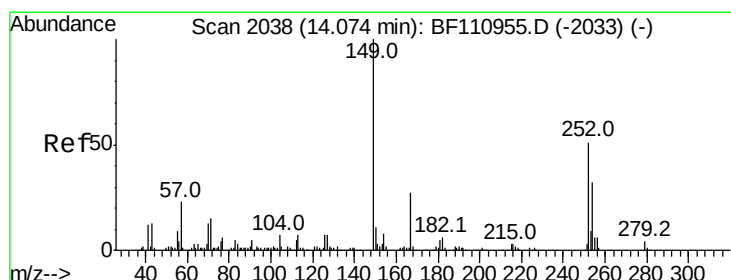
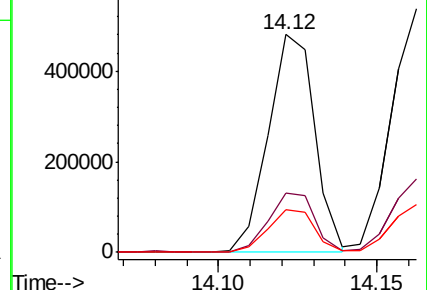
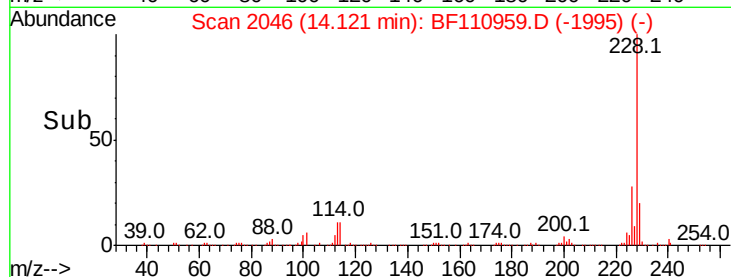
229 19.8 15.6 23.4



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: 39.504 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

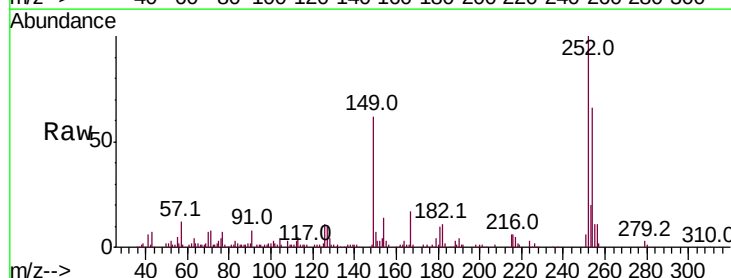
Tgt Ion:252 Resp: 168021

Ion Ratio Lower Upper

252 100

254 66.5 51.3 76.9

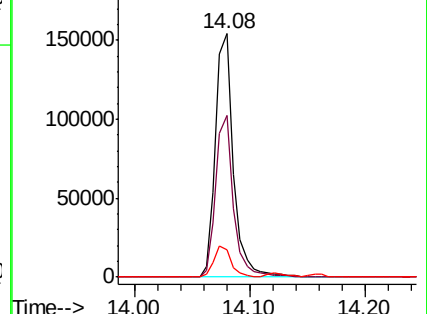
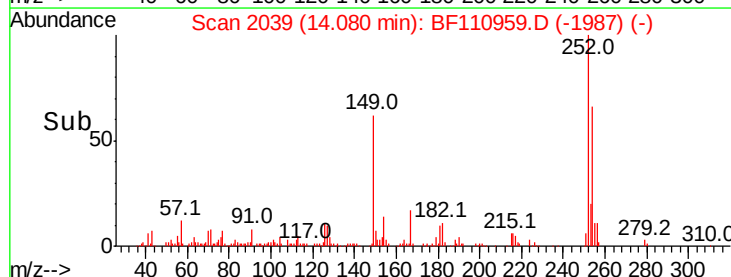
126 11.2 9.4 14.2

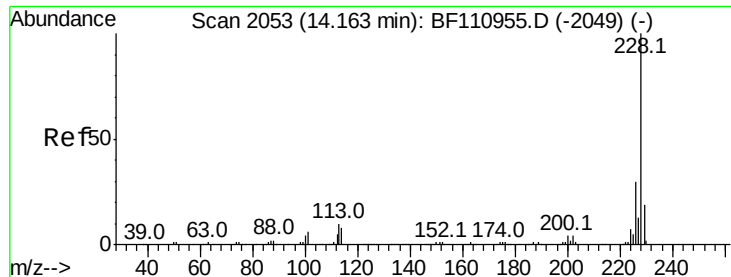


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.744 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

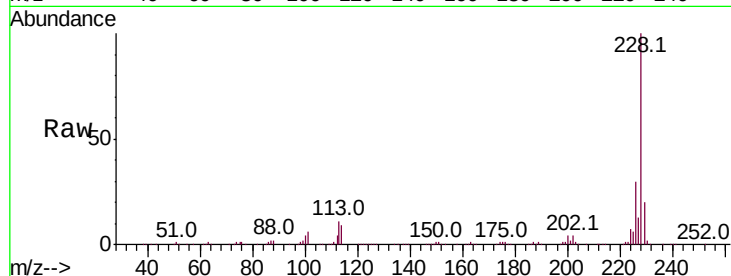
Tot Ion:228 Resp: 485304

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

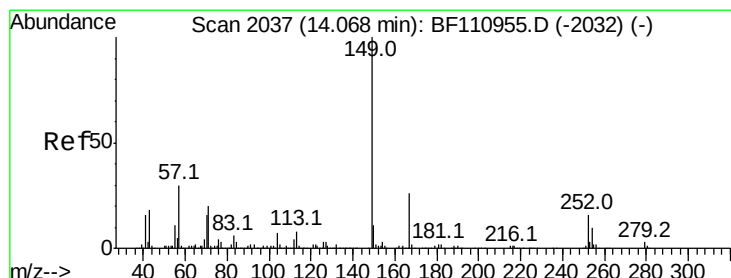
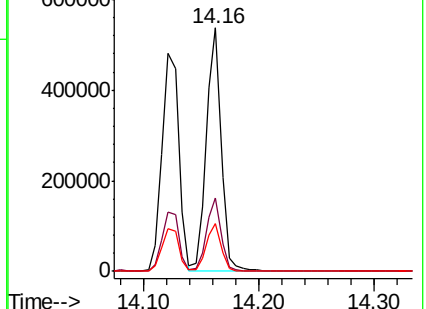
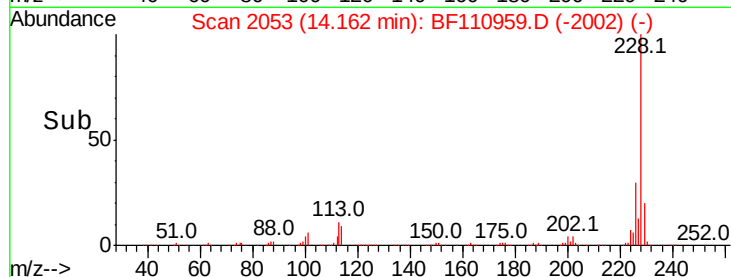
229 19.6 15.9 23.9



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: 40.509 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

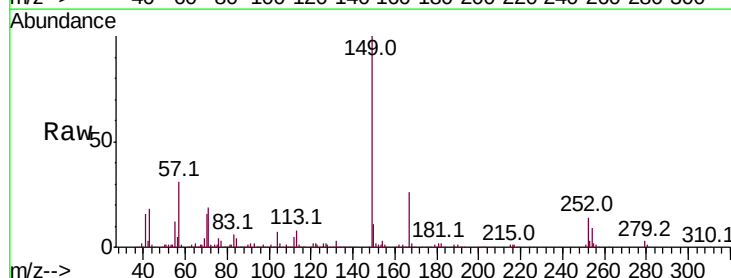
Tgt Ion:149 Resp: 373963

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

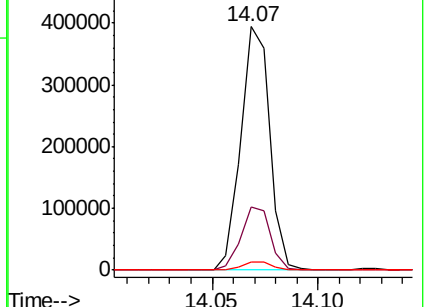
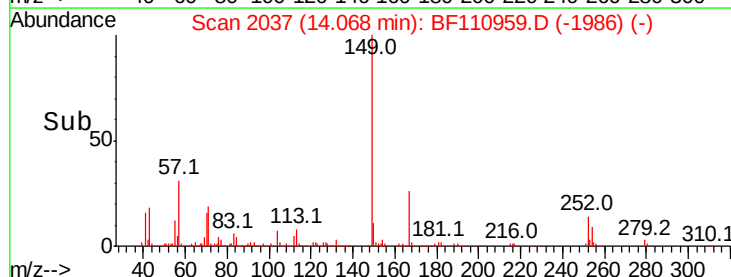
279 3.2 2.7 4.1

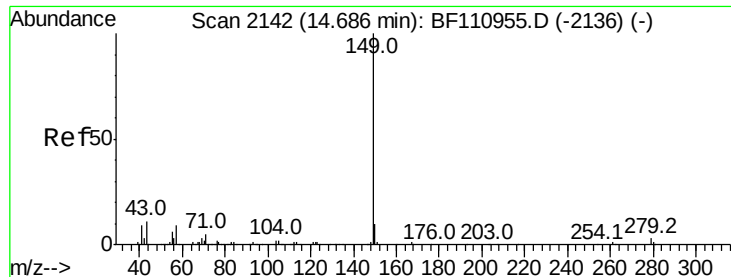


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

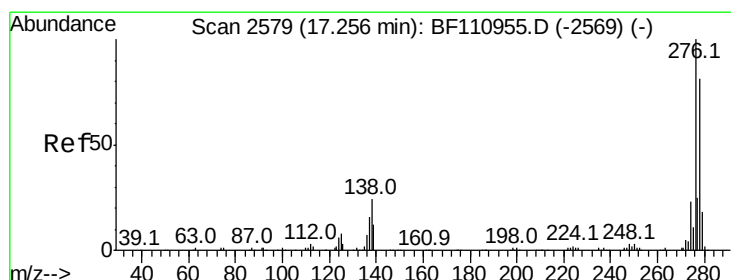
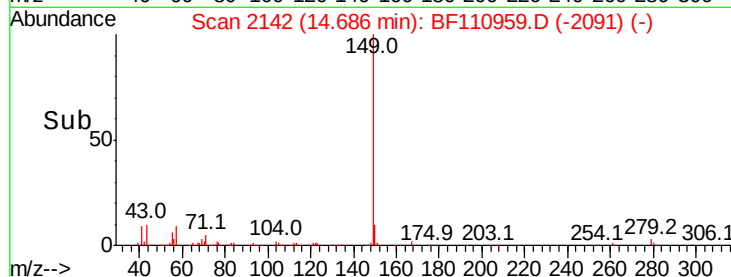
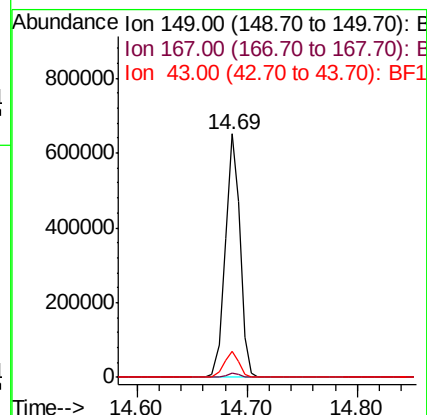
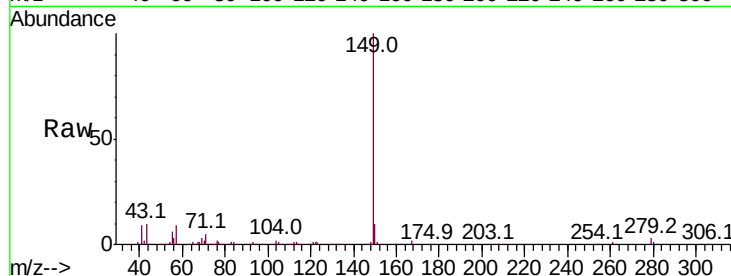




#85
Di-n-octyl phthalate
Concen: 41.561 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

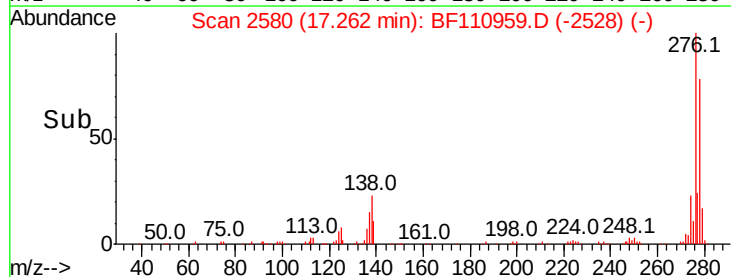
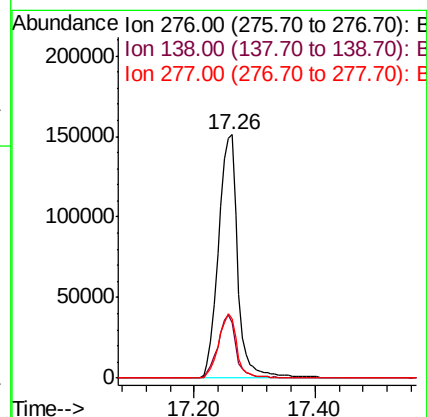
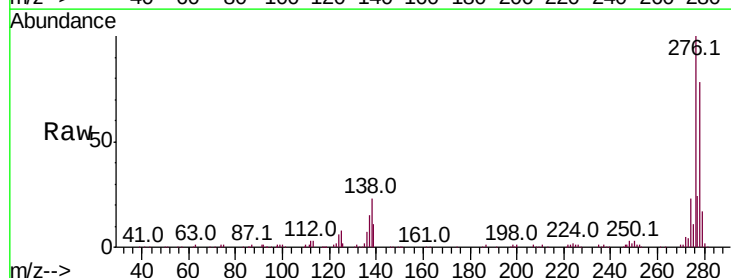
Instrument :
BNA_F
ClientSampleId :
ICVBF112618

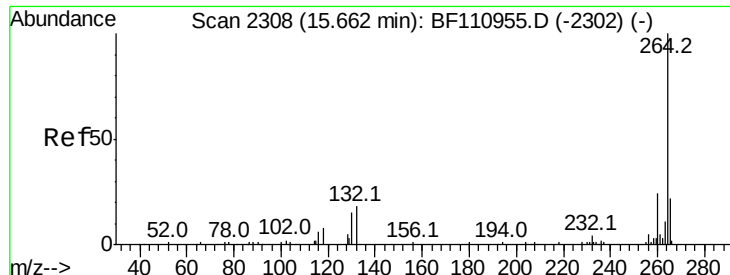
Tot Ion:149 Resp: 605640
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.7 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.113 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:276 Resp: 334059
Ion Ratio Lower Upper
276 100
138 24.2 18.5 27.7
277 25.3 20.0 30.0



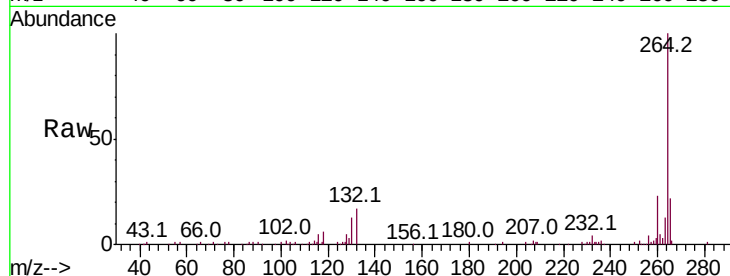


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Instrument :
BNA_F
ClientSampleId :
ICVBF112618

Tot Ion:264 Resp: 156176

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.9	16.7	25.1

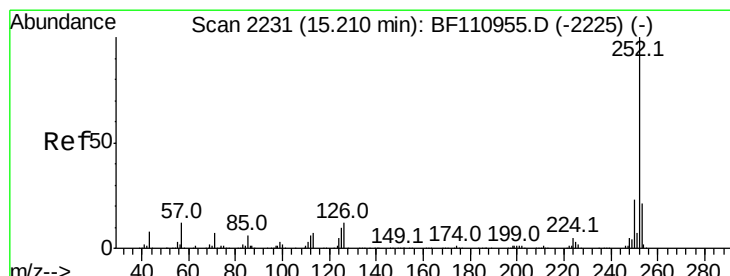
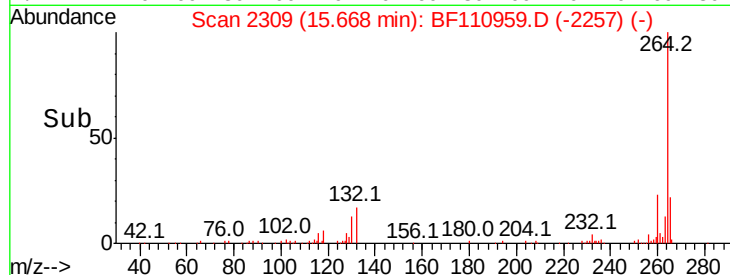
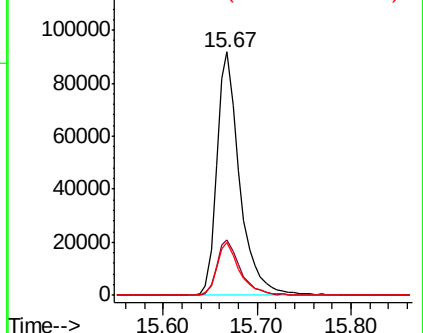


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

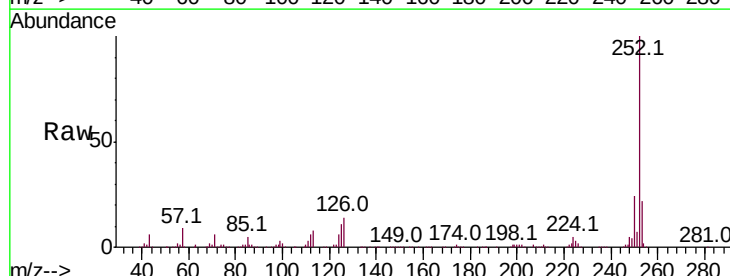
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.326 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF110959.D
Acq: 26 Nov 2018 13:05

Tgt Ion:252 Resp: 369981

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.5	8.2	12.4

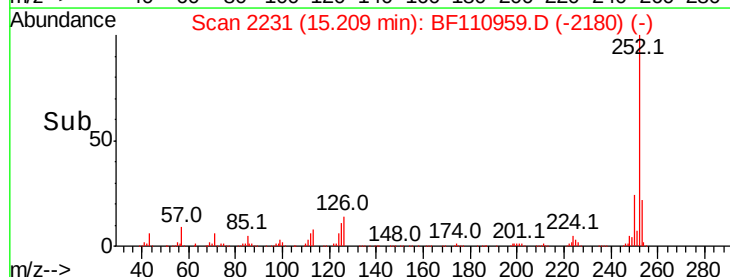
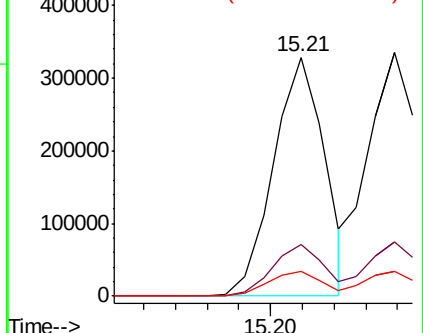


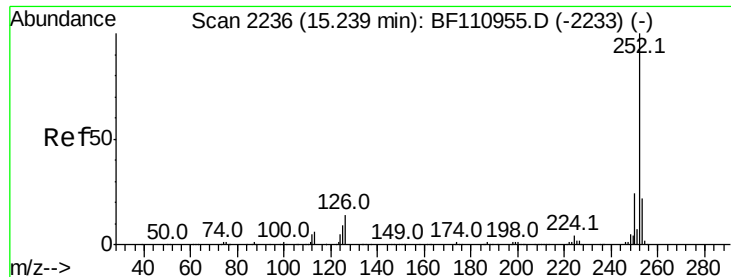
Abundance

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: 41.926 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

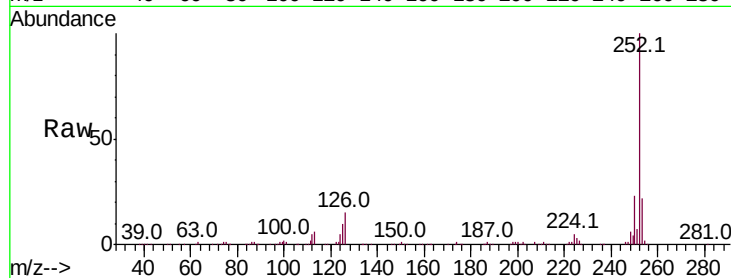
Tot Ion:252 Resp: 395926

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

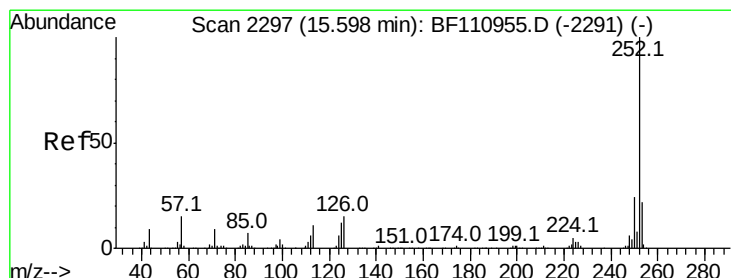
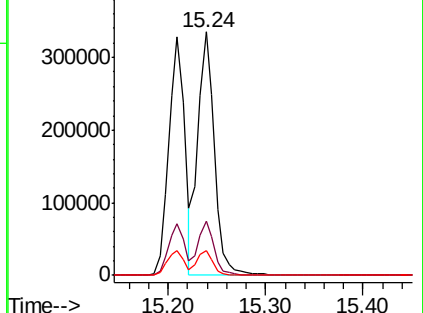
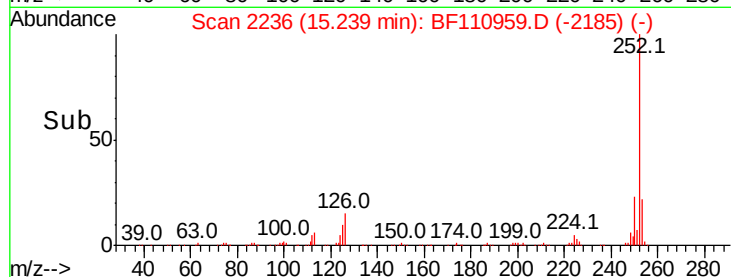
125 10.0 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 39.820 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

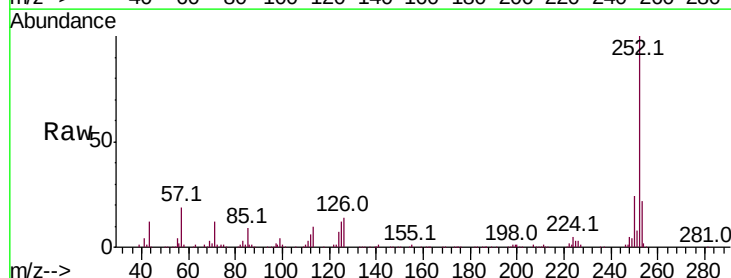
Tgt Ion:252 Resp: 340071

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

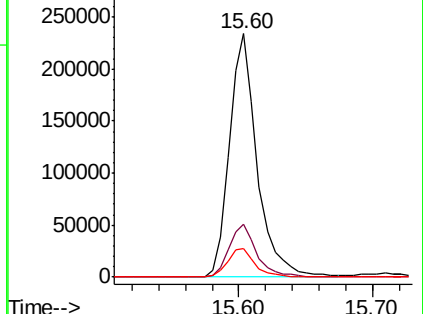
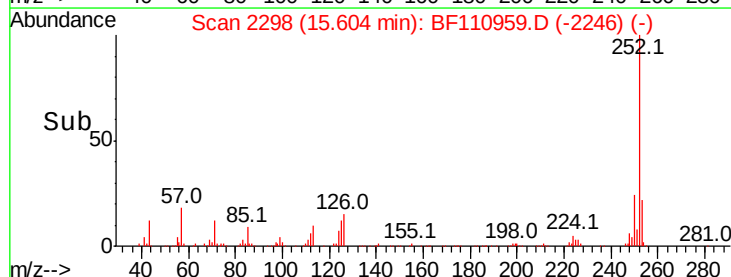
125 11.6 9.0 13.6

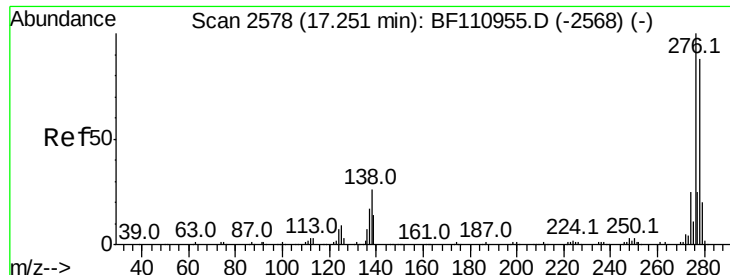


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.980 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

Instrument :

BNA_F

ClientSampleId :

ICVBF112618

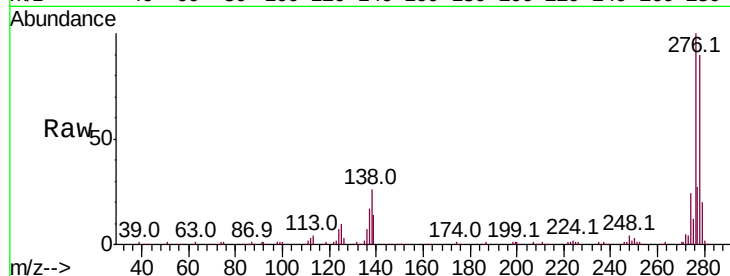
Tot Ion:278 Resp: 281711

Ion Ratio Lower Upper

278 100

139 15.4 12.7 19.1

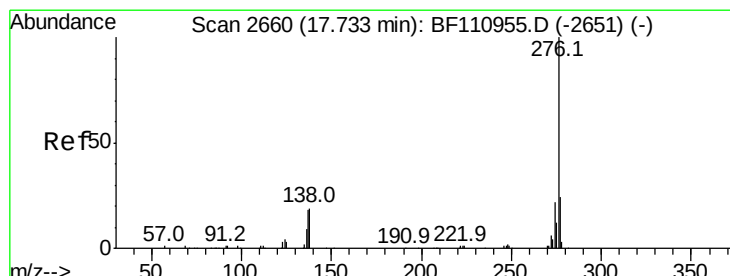
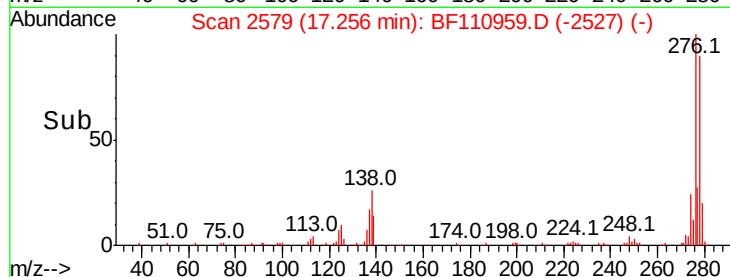
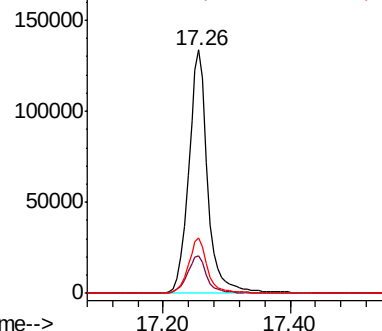
279 22.8 19.0 28.4



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: 39.887 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.01 min

Lab File: BF110959.D

Acq: 26 Nov 2018 13:05

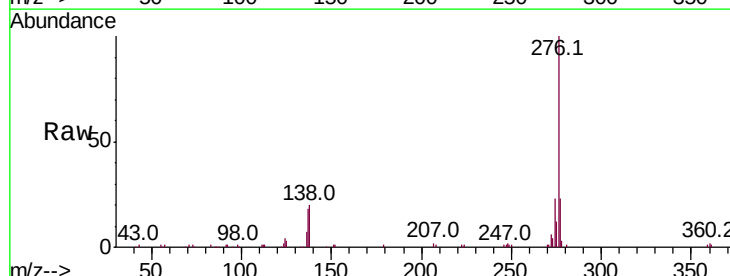
Tgt Ion:276 Resp: 270991

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

