

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108963.D
 Acq On : 13 Sep 2018 14:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 15:33:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193450	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	760174	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	360214	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	679126	20.00	ng	0.00
75) Chrysene-d12	13.87	240	445091	20.00	ng	0.00
86) Perylene-d12	15.28	264	411478	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	909840	77.92	ng	0.00
7) Phenol-d6	6.37	99	1189016	79.14	ng	0.00
23) Nitrobenzene-d5	7.30	82	1085065	89.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	306296	89.07	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1773993	84.02	ng	0.00
78) Terphenyl-d14	12.82	244	1477896	77.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	213692	38.079	ng	92
3) Pyridine	3.11	79	591925	38.515	ng	91
4) n-Nitrosodimethylamine	3.06	42	227446	38.531	ng	89
6) Aniline	6.40	93	779659	38.583	ng	97
8) 2-Chlorophenol	6.52	128	521265	40.330	ng	95
9) Benzaldehyde	6.28	77	390367	36.624	ng	99
10) Phenol	6.38	94	654065	38.008	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	523266	37.958	ng	96
12) 1,3-Dichlorobenzene	6.67	146	584763	39.646	ng	98
13) 1,4-Dichlorobenzene	6.75	146	585302	39.682	ng	99
14) 1,2-Dichlorobenzene	6.91	146	536939	39.494	ng	96
15) Benzyl Alcohol	6.88	79	449508	38.985	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	748573	36.327	ng	95
17) 2-Methylphenol	6.99	107	424385	38.853	ng	98
18) Hexachloroethane	7.25	117	214878	40.403	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	384030	36.772	ng	98
20) 3+4-Methylphenols	7.15	107	483323	37.773	ng	# 69
22) Acetophenone	7.14	105	663304	38.447	ng	# 90
24) Nitrobenzene	7.31	77	560453	43.001	ng	98
25) Isophorone	7.56	82	904210	37.319	ng	98
26) 2-Nitrophenol	7.63	139	271929	52.958	ng	99
27) 2,4-Dimethylphenol	7.67	122	413526	39.659	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	609504	37.625	ng	100
29) 2,4-Dichlorophenol	7.87	162	440043	40.928	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	462347	39.679	ng	96
31) Naphthalene	8.04	128	1356751	39.671	ng	99
32) Benzoic acid	7.81	122	326090	47.720	ng	99
33) 4-Chloroaniline	8.08	127	614295	39.109	ng	99
34) Hexachlorobutadiene	8.16	225	286904	41.216	ng	98
35) Caprolactam	8.47	113	137889	37.847	ng	# 78
36) 4-Chloro-3-methylphenol	8.57	107	448955	39.197	ng	99
37) 2-Methylnaphthalene	8.72	142	870438	38.525	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	440115	40.873	ng	98
40) Hexachlorocyclopentadiene	8.89	237	246211	45.451	ng	97

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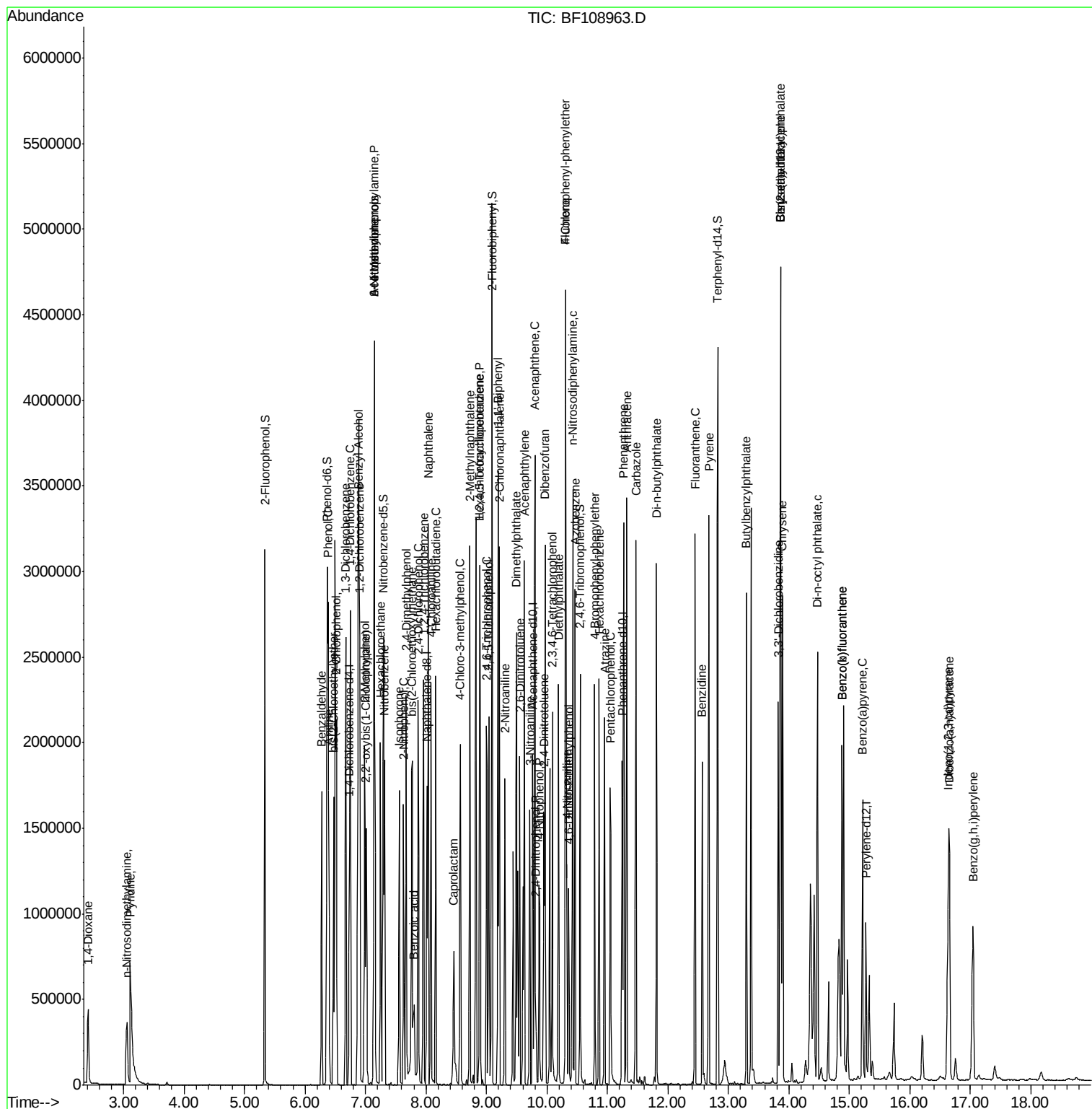
Instrument :
 BNA_F
 ClientSampleId :

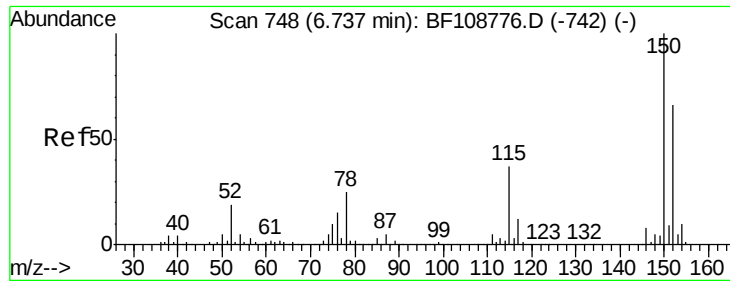
Quant Time: Sep 13 15:33:18 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	310965	42.399	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	325390	42.800	nq	96
45) 1,1'-Biphenyl	9.19	154	1113430	40.150	nq	100
46) 2-Chloronaphthalene	9.21	162	909279	40.542	nq	100
47) 2-Nitroaniline	9.31	65	290355	47.390	nq	98
48) Acenaphthylene	9.62	152	1345058	40.234	nq	98
49) Dimethylphthalate	9.50	163	983972	39.055	nq	99
50) 2,6-Dinitrotoluene	9.55	165	230155	47.941	nq	95
51) Acenaphthene	9.80	154	834998	40.362	nq	100
52) 3-Nitroaniline	9.72	138	269930	47.234	nq	98
53) 2,4-Dinitrophenol	9.82	184	93307	56.058	nq #	20
54) Dibenzofuran	9.97	168	1192471	39.544	nq	98
55) 4-Nitrophenol	9.88	139	206384	48.308	nq	91
56) 2,4-Dinitrotoluene	9.95	165	301698	49.140	nq #	89
57) Fluorene	10.31	166	810631	41.889	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	268146	43.737	nq #	87
59) Diethylphthalate	10.20	149	977158	37.583	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	430276	41.632	nq	93
61) 4-Nitroaniline	10.33	138	256807	49.605	nq	97
62) Azobenzene	10.47	77	1005652	37.471	nq	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	138558	51.326	nq	87
65) n-Nitrosodiphenylamine	10.42	169	873612	38.690	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	297211	38.748	nq #	84
67) Hexachlorobenzene	10.86	284	325731	39.781	nq	92
68) Atrazine	10.95	200	277781	38.429	nq	97
69) Pentachlorophenol	11.05	266	232156	46.375	nq	98
70) Phenanthrene	11.27	178	1270329	39.170	nq	99
71) Anthracene	11.32	178	1298598	41.821	nq	99
72) Carbazole	11.47	167	1279634	39.131	nq	100
73) Di-n-butylphthalate	11.81	149	1464456	40.327	nq	100
74) Fluoranthene	12.45	202	1324151	41.238	nq	98
76) Benzidine	12.57	184	756012	35.837	nq	99
77) Pyrene	12.68	202	1364338	39.836	nq	99
79) Butylbenzylphthalate	13.30	149	605528	39.261	nq	97
80) Benzo(a)anthracene	13.86	228	1061211	37.198	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	453585	40.808	nq	98
82) Chrysene	13.90	228	1062800	38.482	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	689082	35.552	nq	99
84) Di-n-octyl phthalate	14.47	149	1144566	35.420	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	885958	36.248	nq	94
87) Benzo(b)fluoranthene	14.88	252	886772	39.633	nq	97
88) Benzo(k)fluoranthene	14.88	252	886772	43.038	nq	98
89) Benzo(a)pyrene	15.22	252	807060	39.976	nq	100
90) Dibenzo(a,h)anthracene	16.65	278	728662	40.961	nq #	96
91) Benzo(g,h,i)perylene	17.05	276	755729	42.429	nq	93

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

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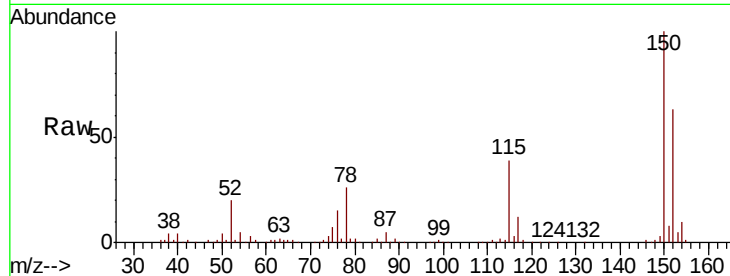


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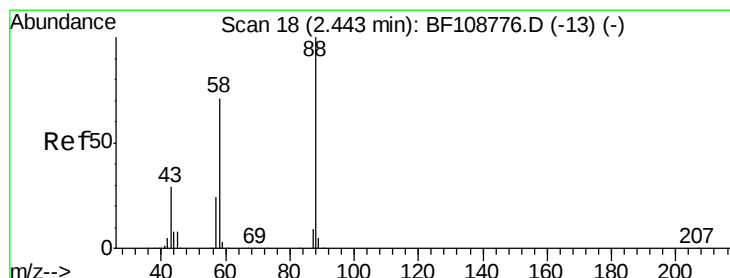
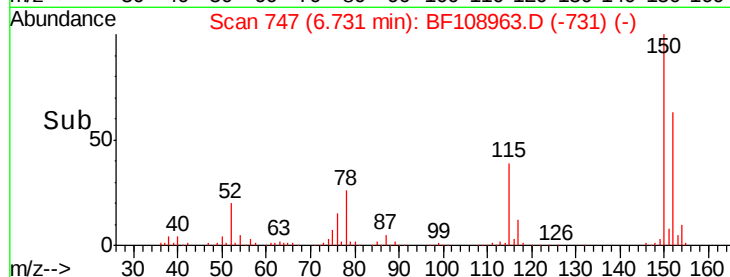
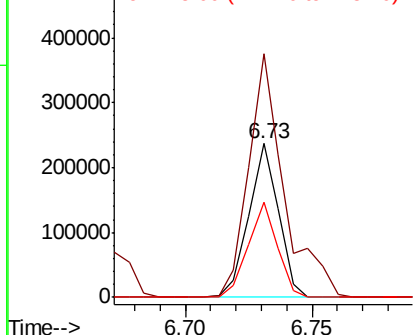
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 193450
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.0 50.1 75.1



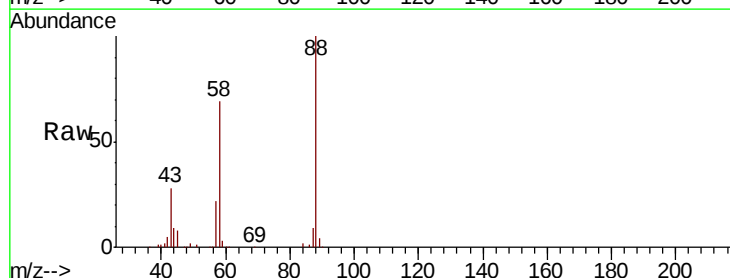
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



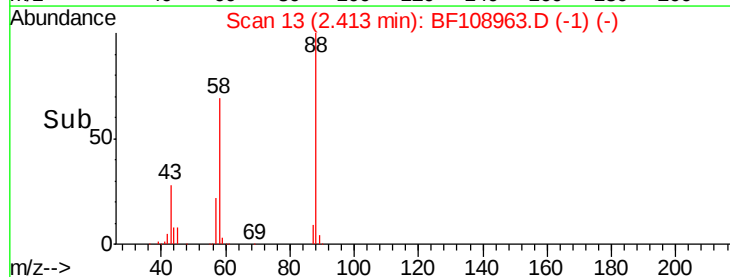
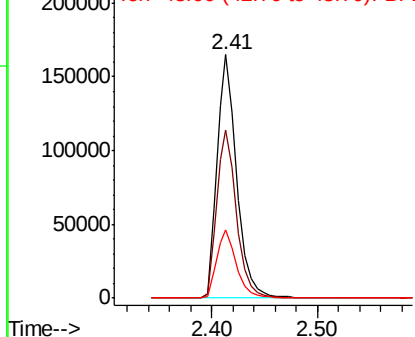
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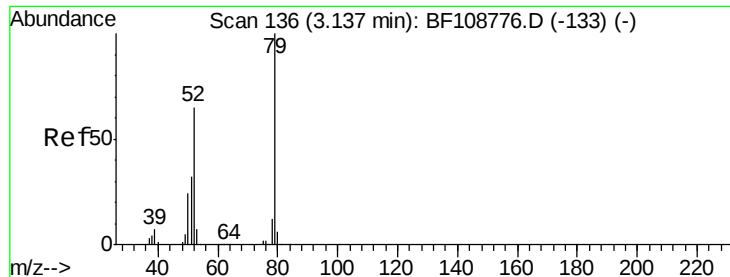
1,4-Dioxane
Concen: 38.079 ng
RT: 2.41 min Scan# 13
Delta R.T. -0.03 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion: 88 Resp: 213692
Ion Ratio Lower Upper
88 100
58 70.3 62.6 93.8
43 28.7 24.6 37.0



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

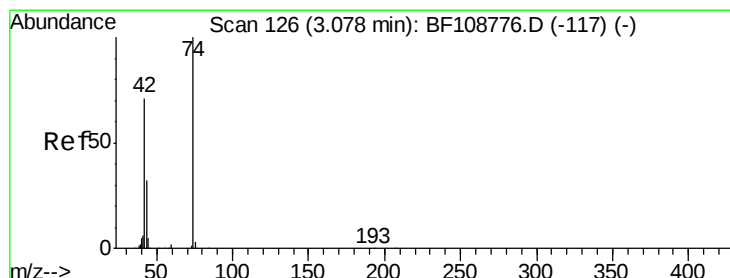
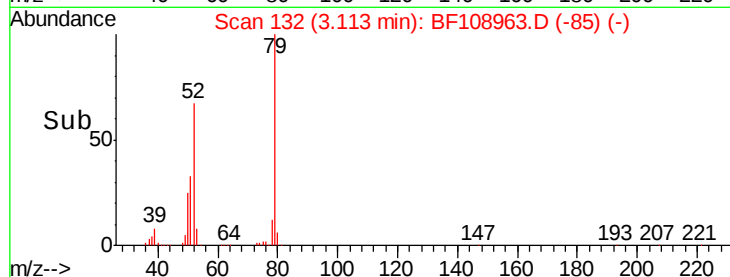
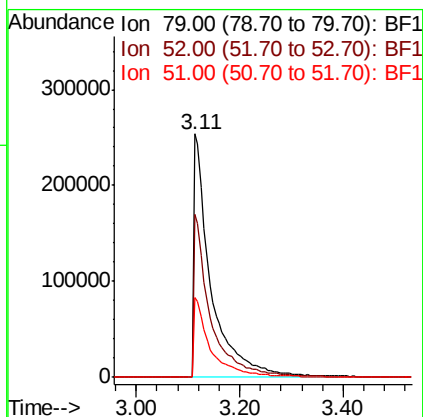
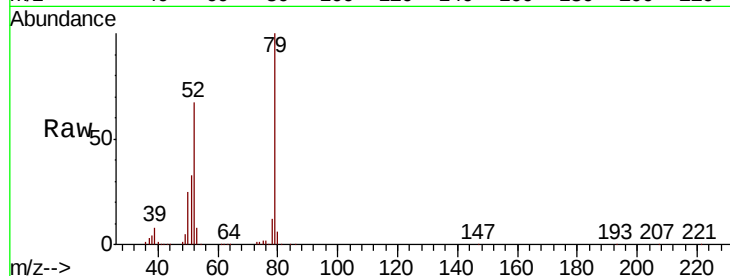




#3
 Pvridine
 Concen: 38.515 ng
 RT: 3.11 min Scan# 132
 Delta R.T. -0.02 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

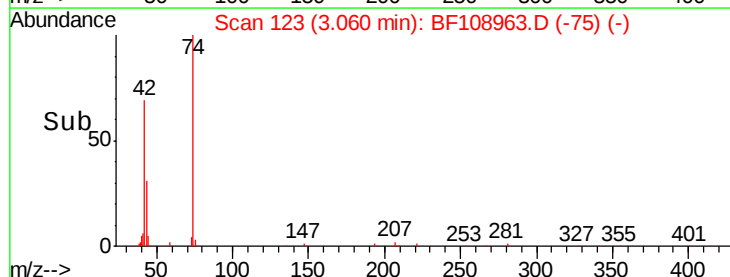
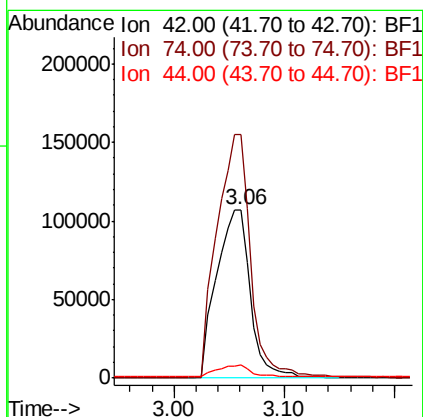
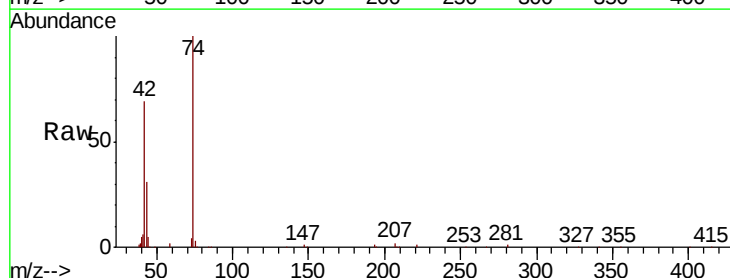
Instrument :
 BNA_F
 ClientSampleId :

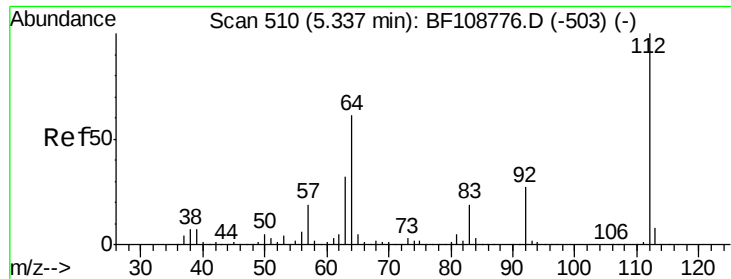
Tot Ion: 79 Resp: 591925
 Ion Ratio Lower Upper
 79 100
 52 66.7 59.8 89.6
 51 32.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.531 ng
 RT: 3.06 min Scan# 123
 Delta R.T. -0.02 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion: 42 Resp: 227446
 Ion Ratio Lower Upper
 42 100
 74 144.4 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 77.917 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampled :

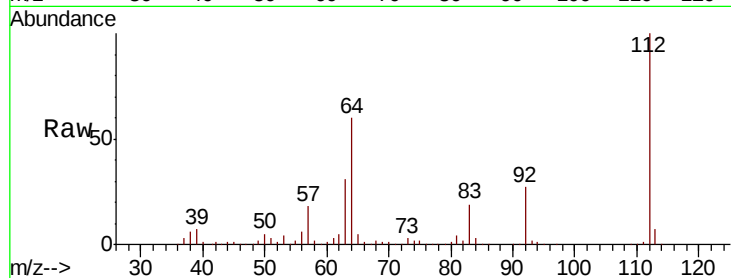
Tot Ion:112 Resp: 909840

Ion Ratio Lower Upper

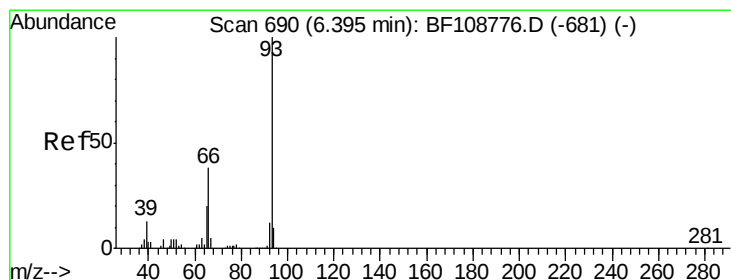
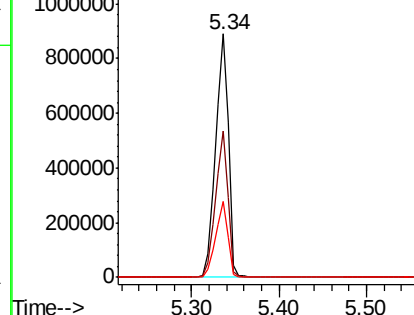
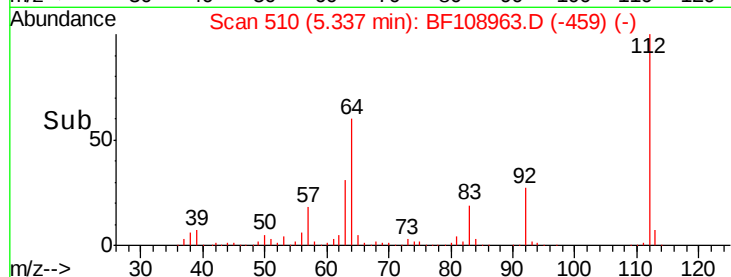
112 100

64 60.2 47.9 71.9

63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.583 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

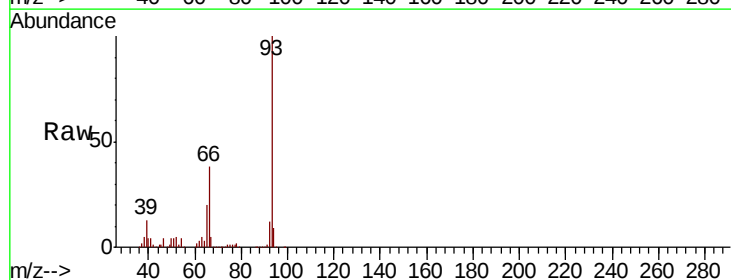
Tgt Ion: 93 Resp: 779659

Ion Ratio Lower Upper

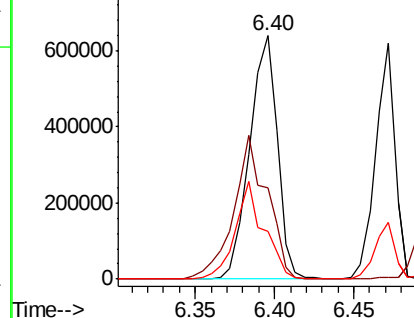
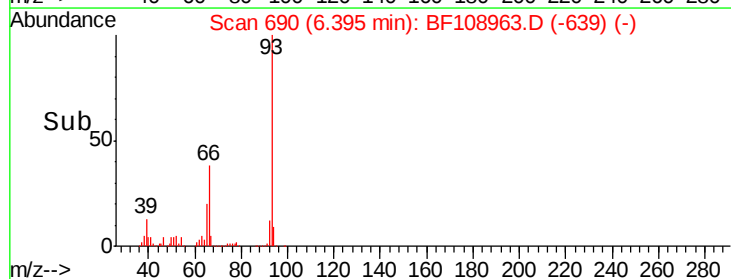
93 100

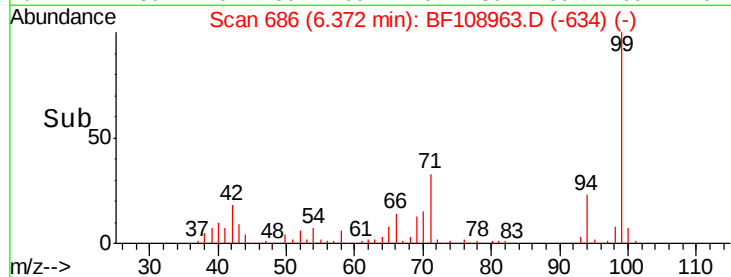
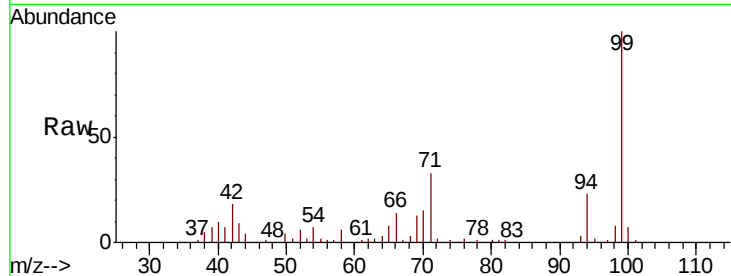
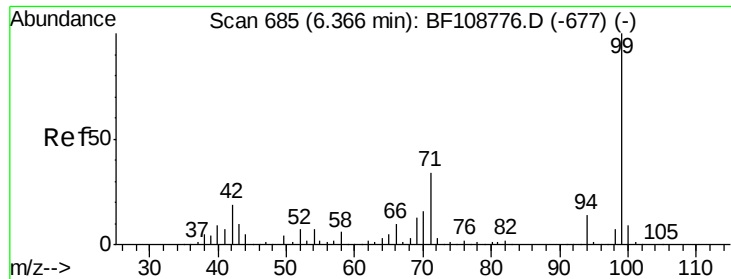
66 37.6 32.2 48.2

65 19.5 16.4 24.6



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: 79.139 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampled :

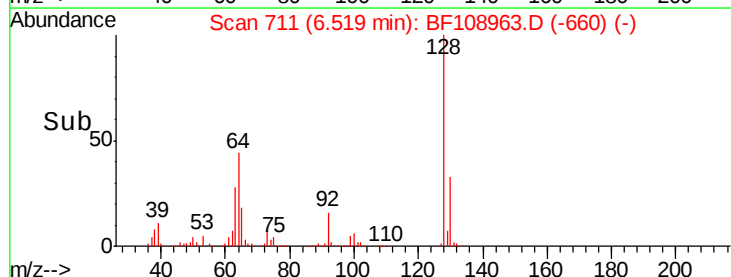
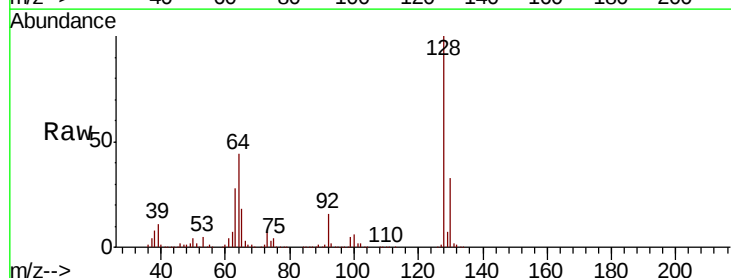
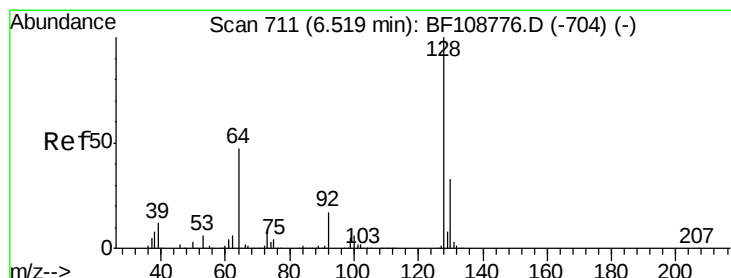
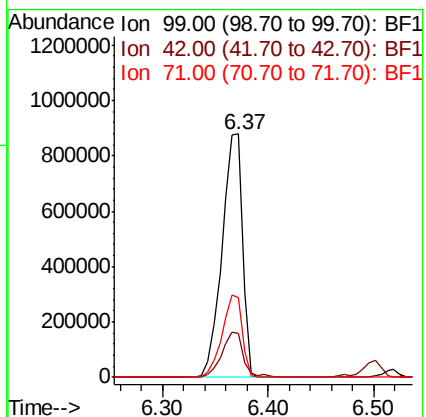
Tot Ion: 99 Resp: 1189016

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 32.7 25.4 38.0



#8

2-Chlorophenol

Concen: 40.330 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

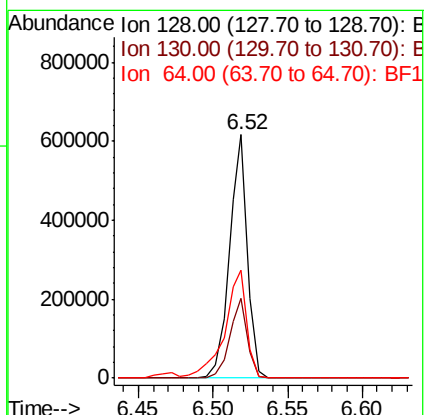
Tgt Ion: 128 Resp: 521265

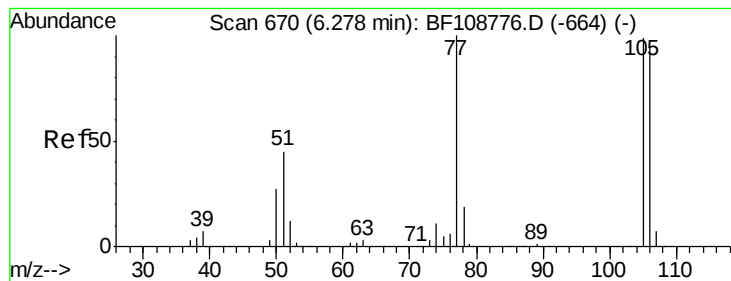
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 44.4 29.4 69.4





#9

Benzaldehyde

Concen: 36.624 ng

RT: 6.28 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampled :

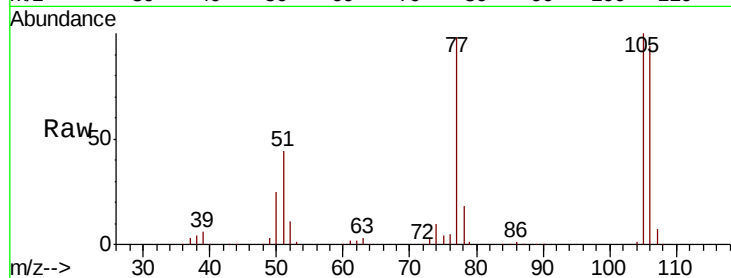
Tot Ion: 77 Resp: 390367

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

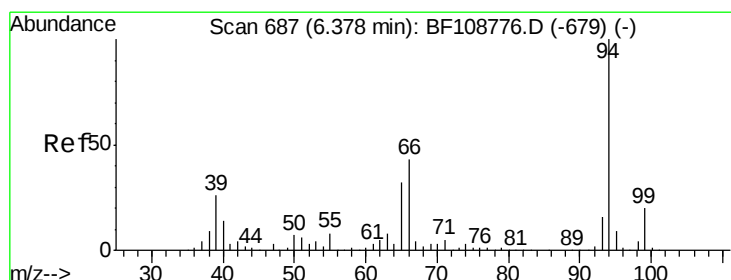
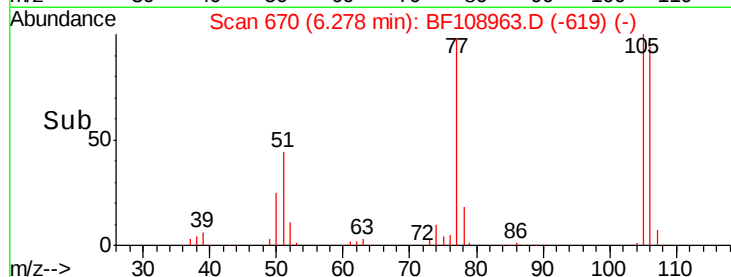
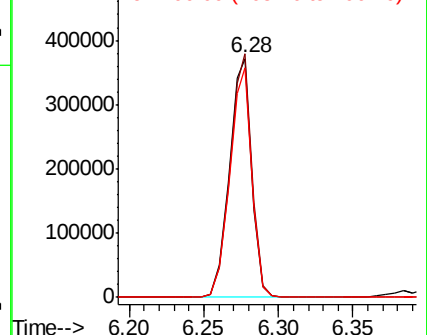
106 96.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.008 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

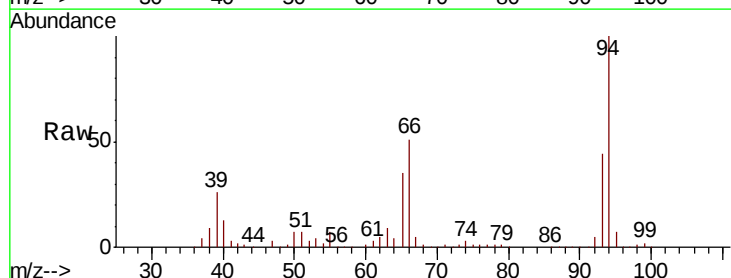
Tgt Ion: 94 Resp: 654065

Ion Ratio Lower Upper

94 100

65 34.7 7.9 47.9

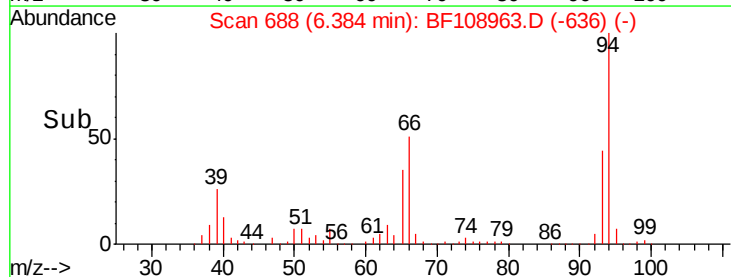
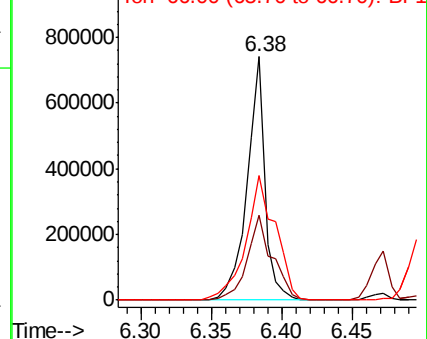
66 51.0 16.2 56.2

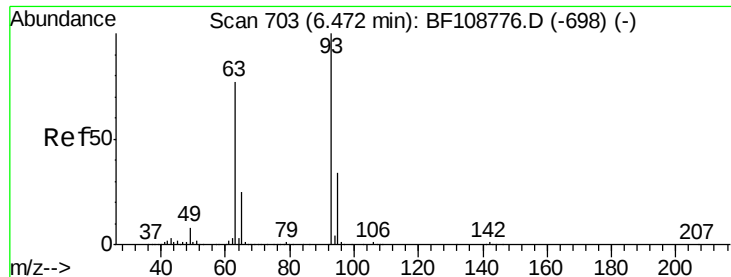


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.958 ng

RT: 6.47 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

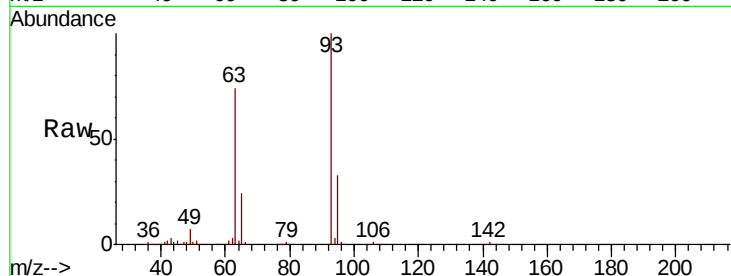
Tot Ion: 93 Resp: 523266

Ion Ratio Lower Upper

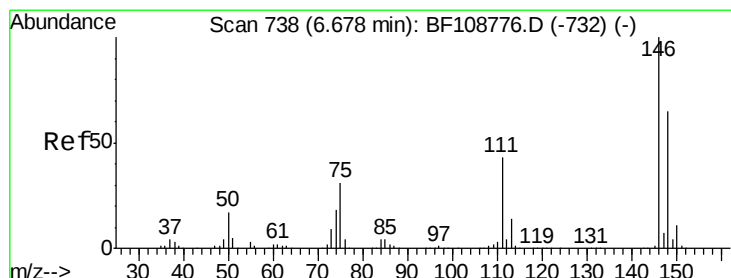
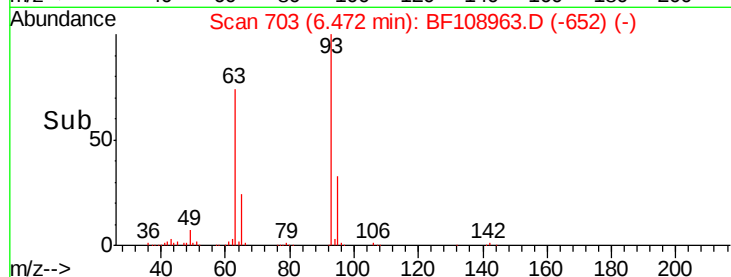
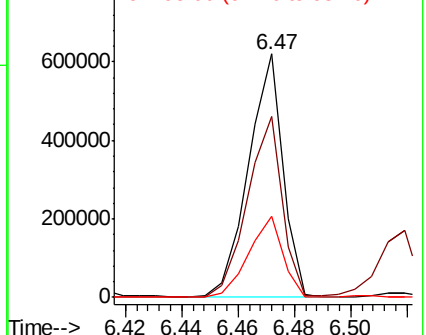
93 100

63 74.2 58.6 98.6

95 33.4 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 39.646 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

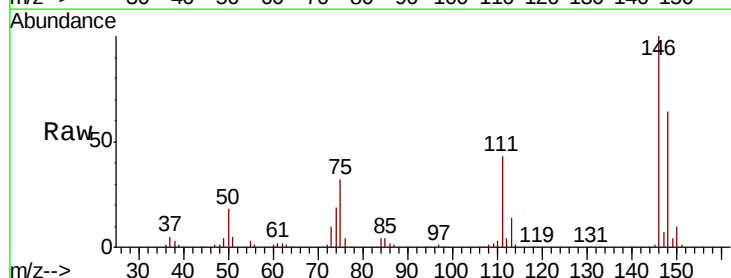
Tgt Ion: 146 Resp: 584763

Ion Ratio Lower Upper

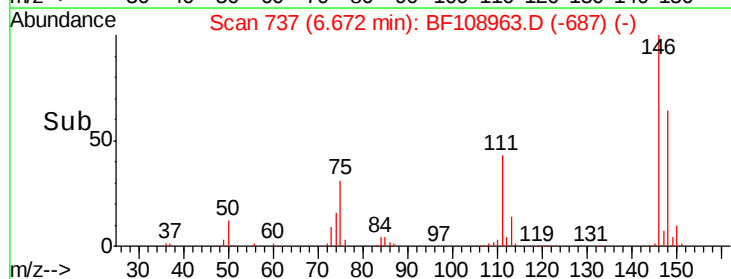
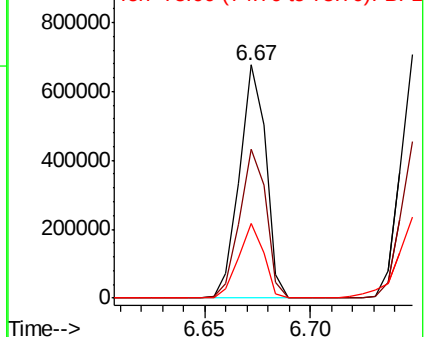
146 100

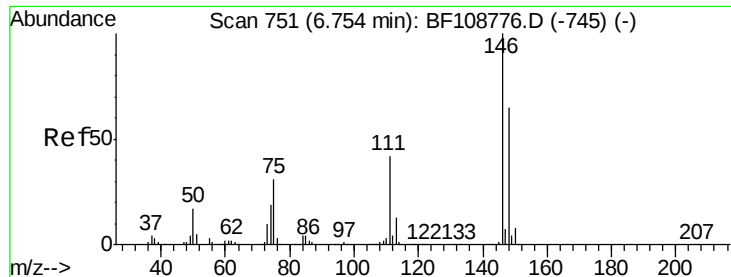
148 63.9 51.8 77.8

75 31.8 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 39.682 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampled :

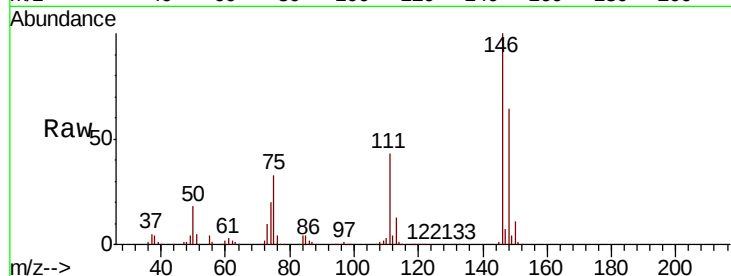
Tot Ion:146 Resp: 585302

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

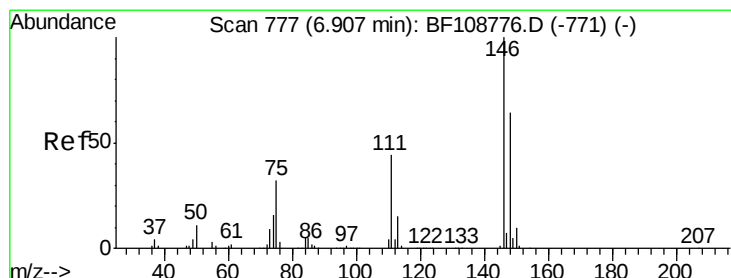
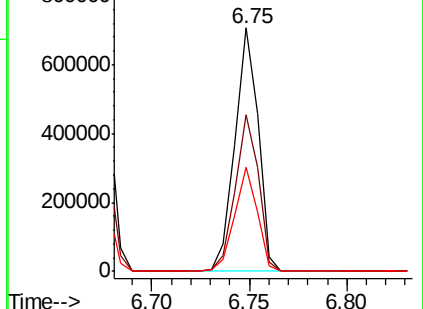
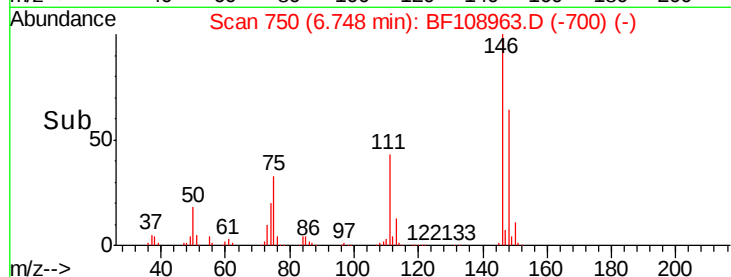
111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.494 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

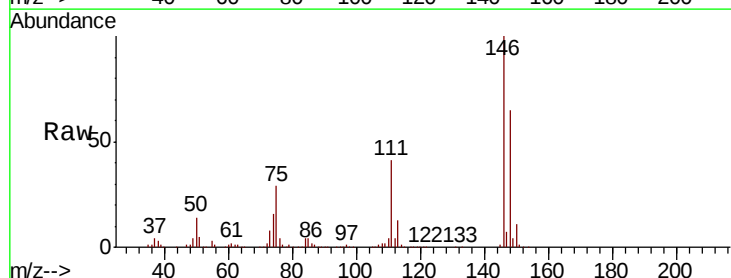
Tgt Ion:146 Resp: 536939

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

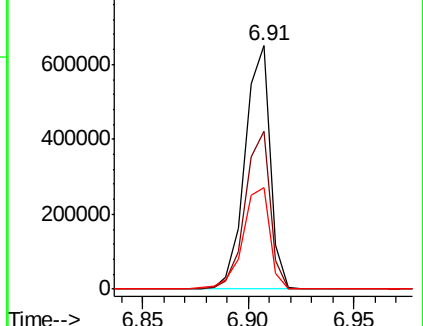
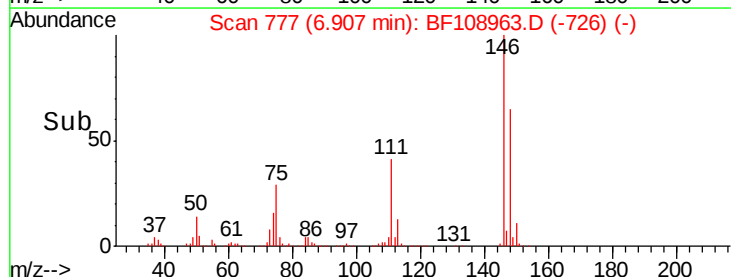
111 41.5 36.0 54.0

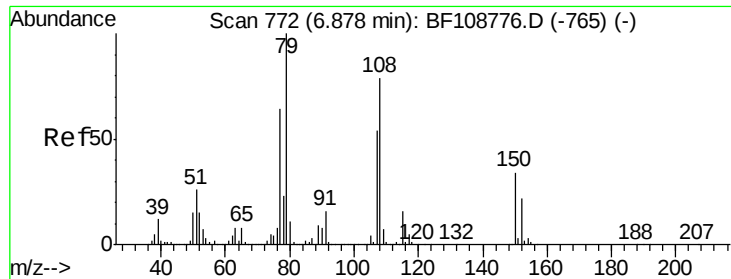


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

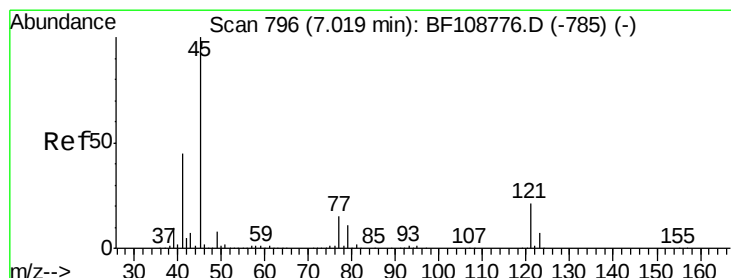
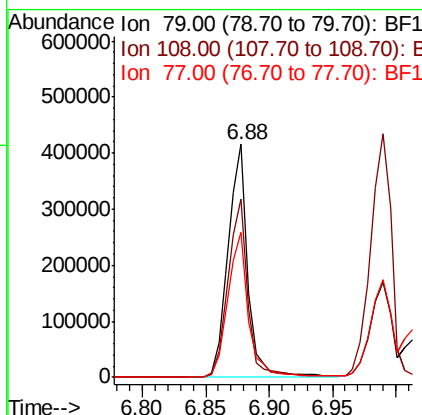
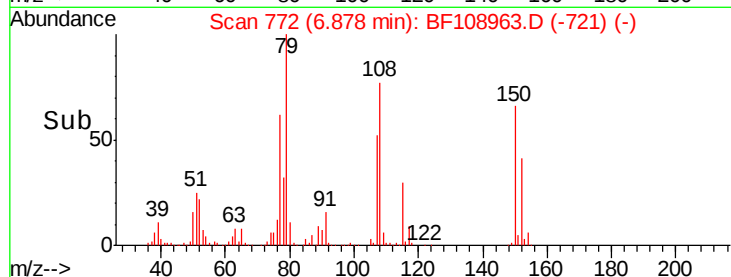
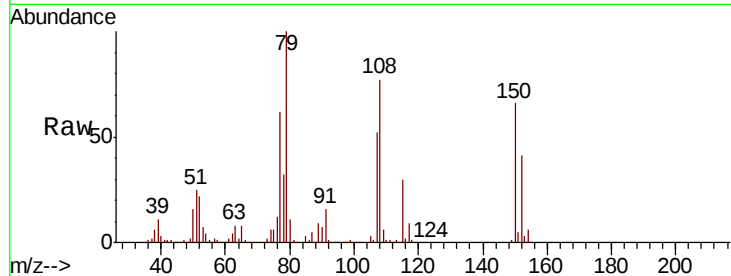




#15
Benzyl Alcohol
Concen: 38.985 ng
RT: 6.88 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

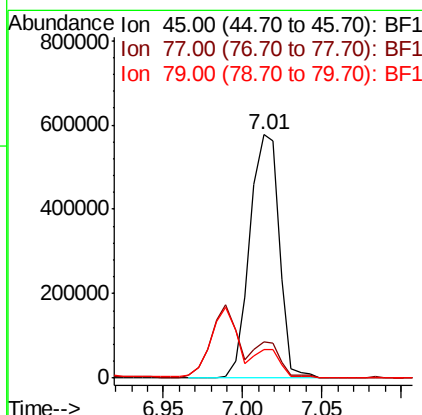
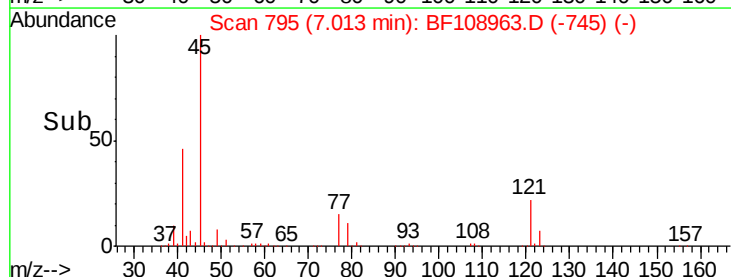
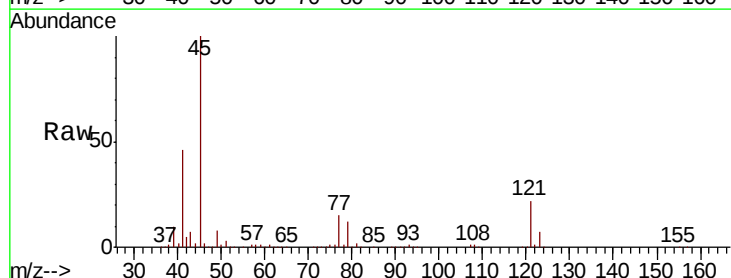
Instrument :
BNA_F
ClientSampled :

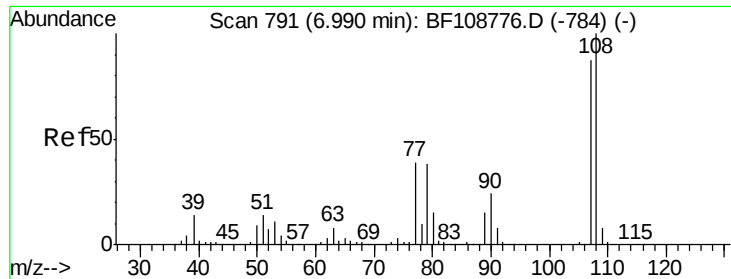
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	65.1	97.7
77	62.2	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.327 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	32.9
79	11.5	0.0	29.6

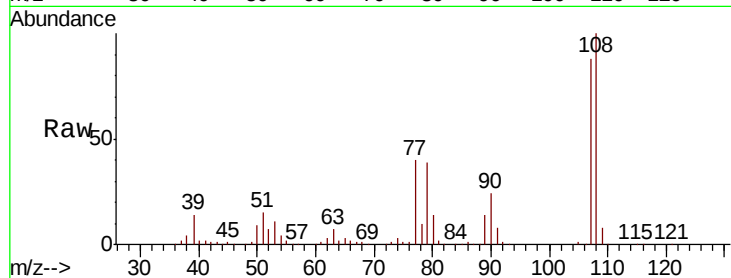




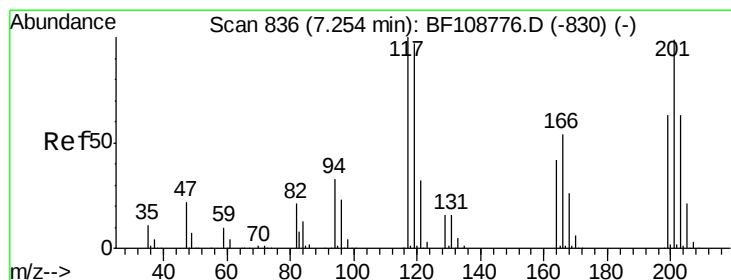
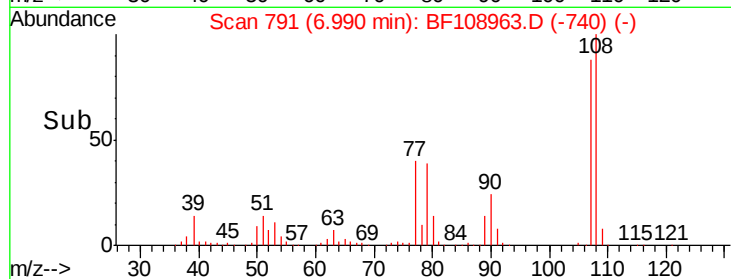
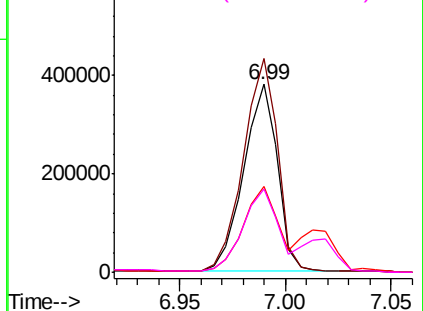
#17
2-Methylphenol
Concen: 38.853 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 424385
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 45.7 33.8 50.8
79 44.3 33.8 50.8

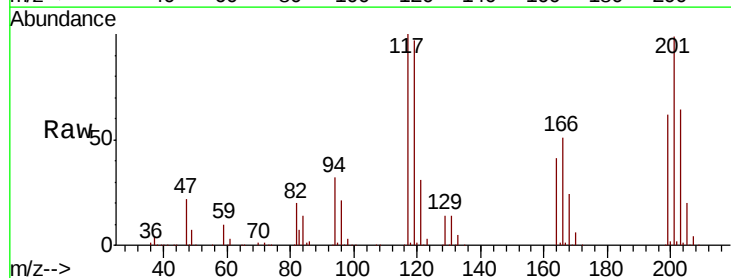


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

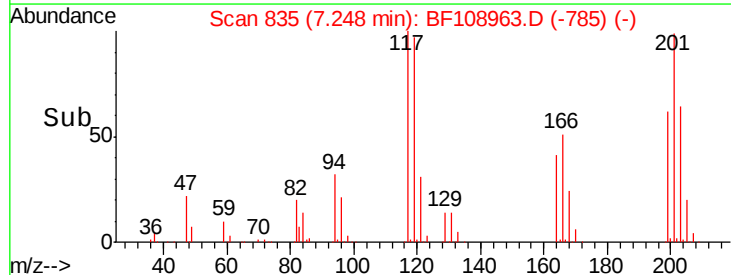
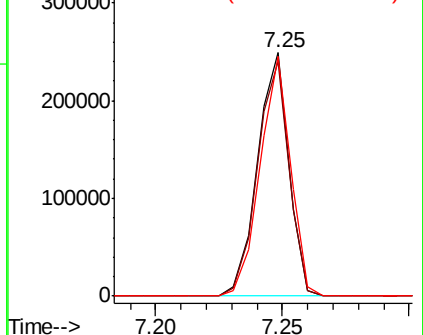


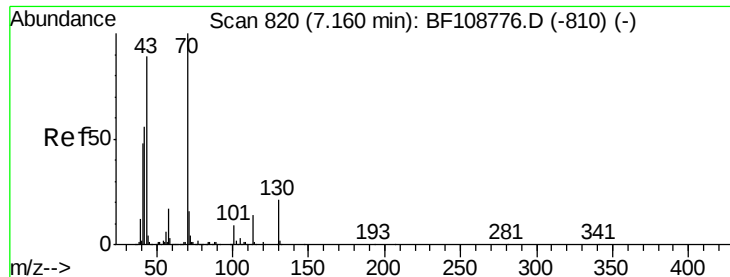
#18
Hexachloroethane
Concen: 40.403 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:117 Resp: 214878
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 98.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

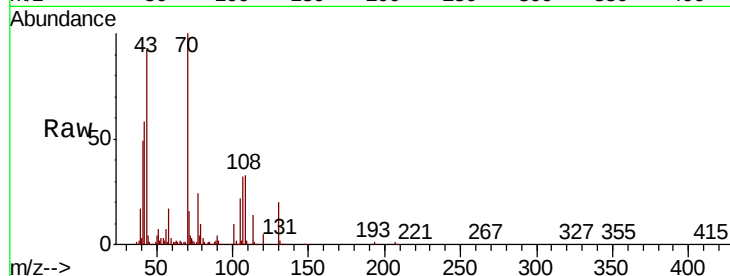




#19
n-Nitroso-di-n-propylamine
Concen: 36.772 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	384030
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.5	71.3
101	9.5	7.4	11.2
130	20.0	16.6	25.0



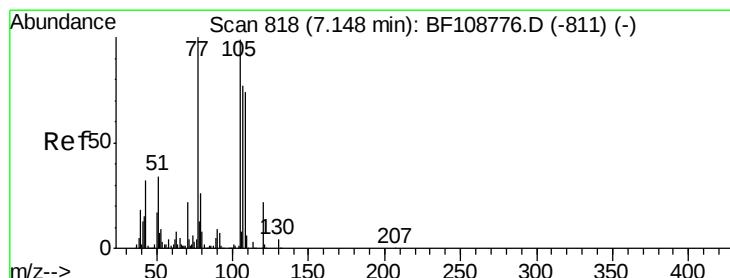
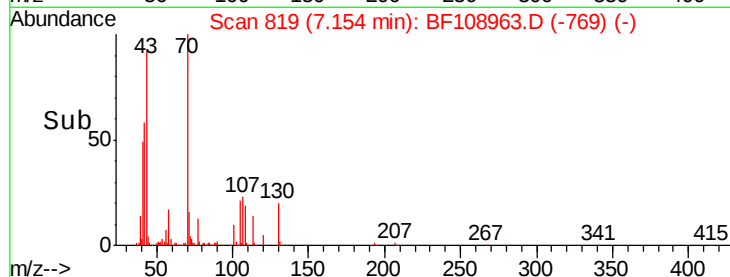
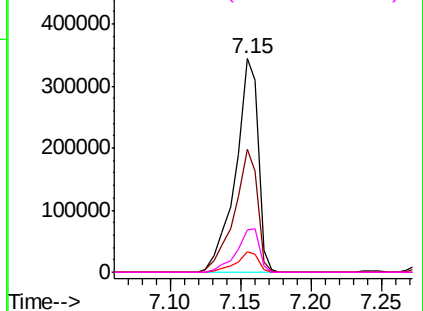
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

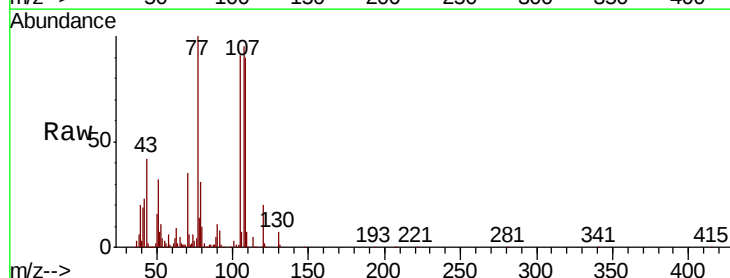
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.773 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:	107	Resp:	483323
Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	105.2	26.7	66.7#
79	32.2	6.3	46.3



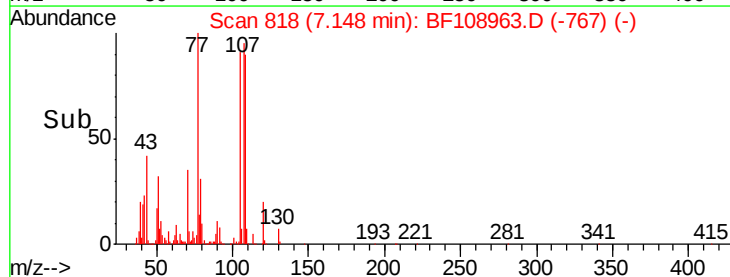
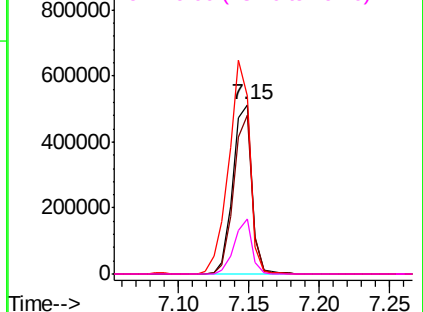
Abundance

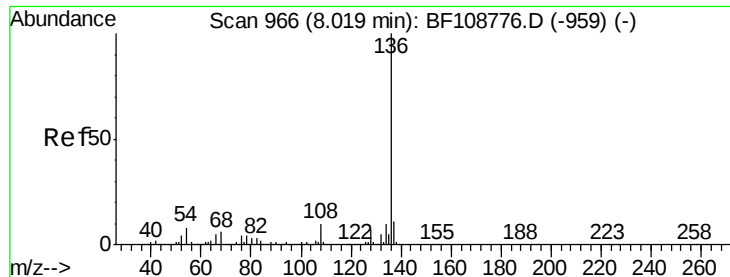
Ion 107.00 (106.70 to 107.70): BF1

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

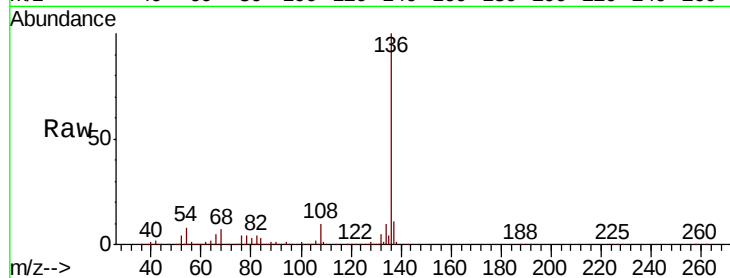




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	760174
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	7.8	6.6 9.8
68	6.6	5.0 7.4



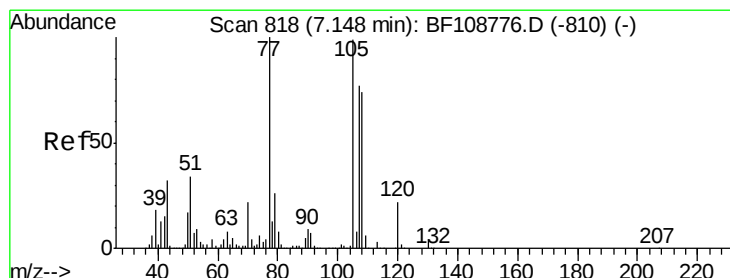
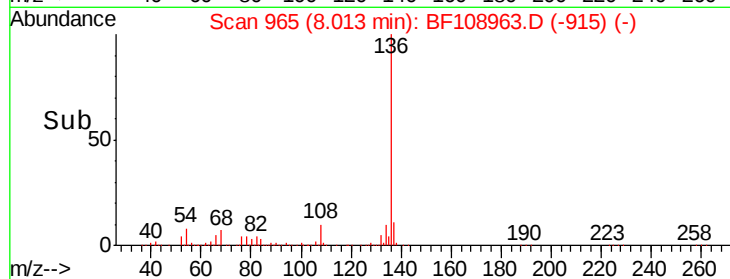
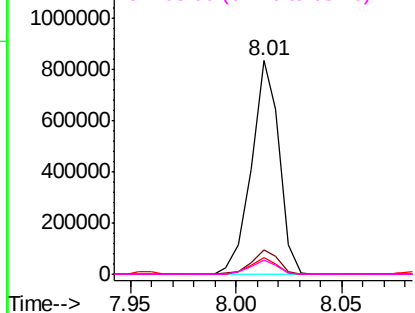
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

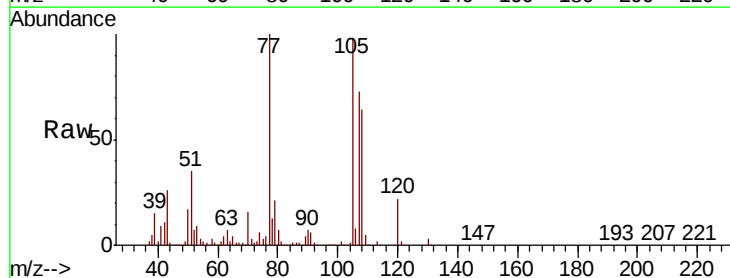
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.447 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:105	Resp:	663304
Ion	Ratio	Lower Upper
105	100	
71	2.9	4.4 6.6#
51	36.2	22.3 33.5#
120	22.1	16.9 25.3



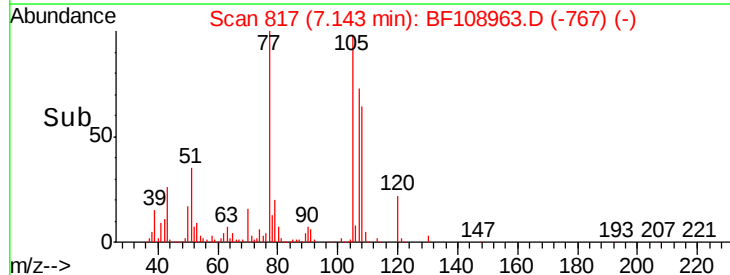
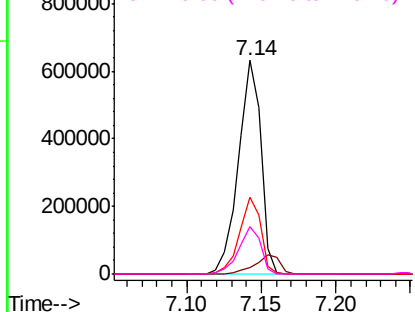
Abundance

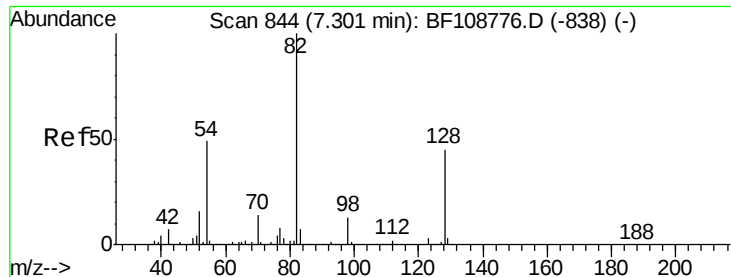
Ion 105.00 (104.70 to 105.70): E

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

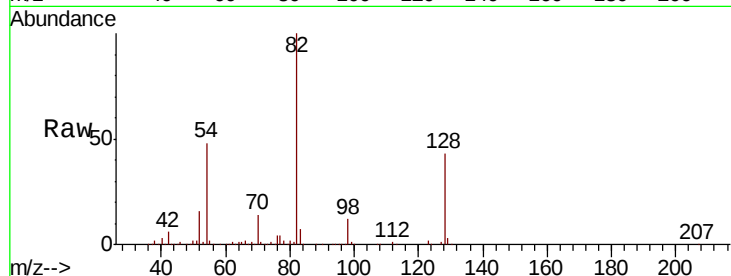




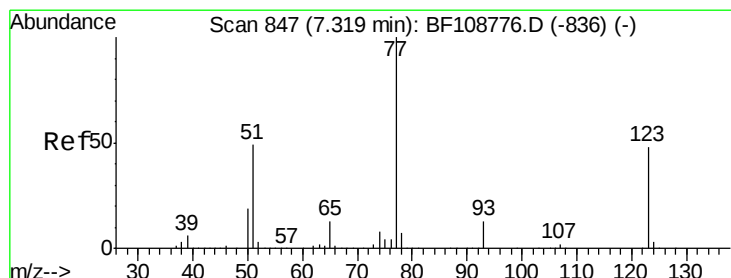
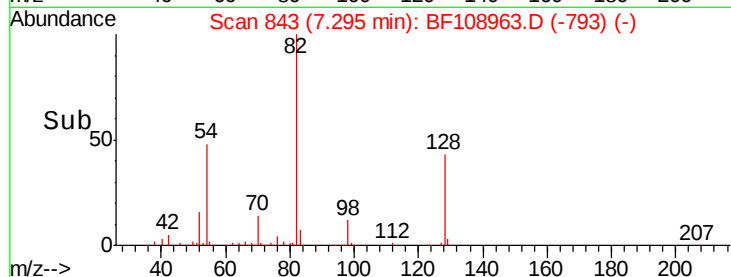
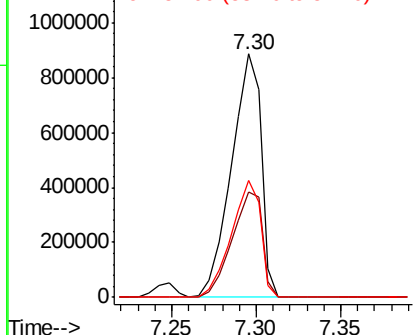
#23
Nitrobenzene-d5
Concen: 89.327 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1085065
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 47.8 41.4 62.2

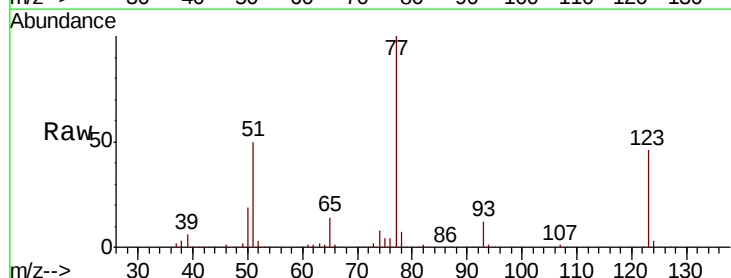


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): BF1
1000000 Ion 54.00 (53.70 to 54.70): BF1

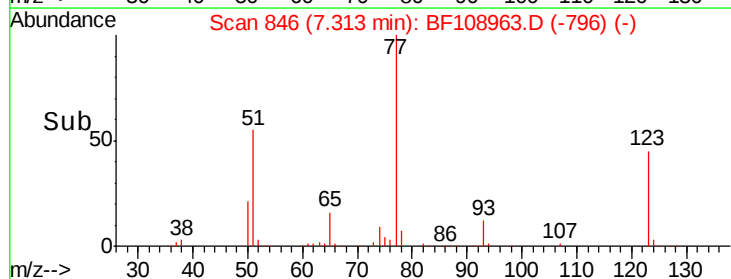
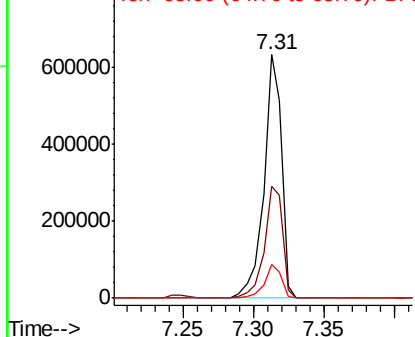


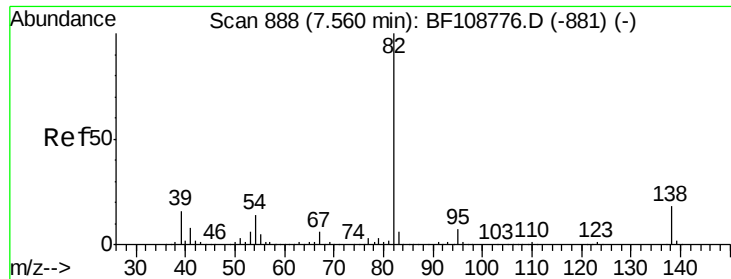
#24
Nitrobenzene
Concen: 43.001 ng
RT: 7.31 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion: 77 Resp: 560453
Ion Ratio Lower Upper
77 100
123 45.7 37.9 56.9
65 13.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
800000 Ion 123.00 (122.70 to 123.70): BF1
600000 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.319 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

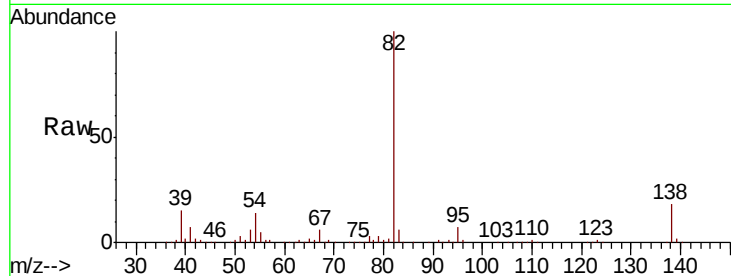
Tot Ion: 82 Resp: 904210

Ion Ratio Lower Upper

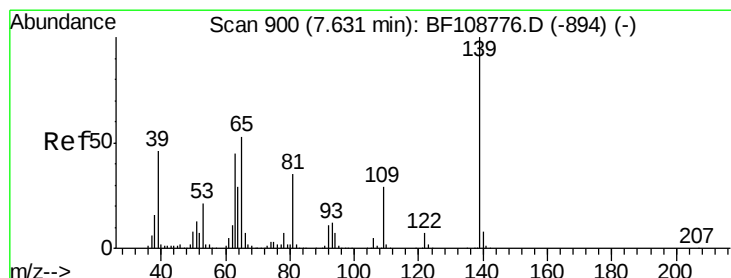
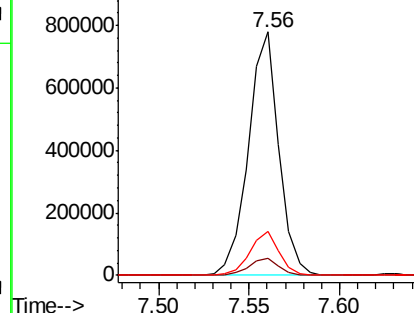
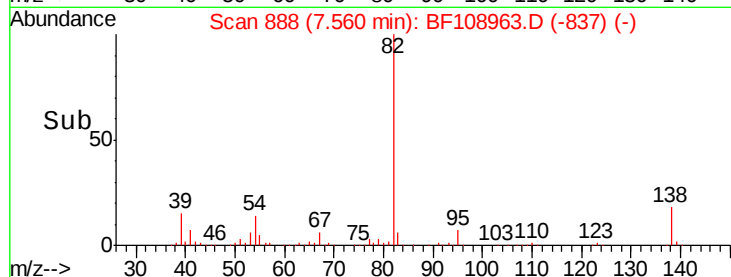
82 100

95 7.1 5.2 7.8

138 17.9 14.9 22.3



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: 52.958 ng

RT: 7.63 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

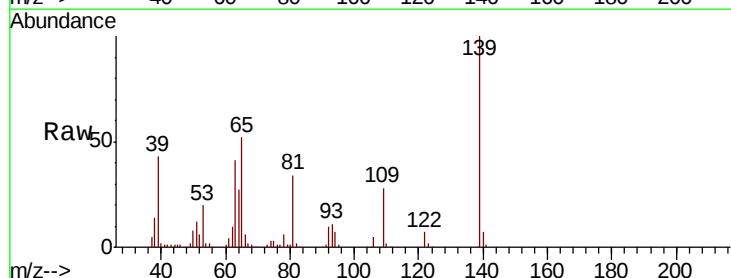
Tgt Ion: 139 Resp: 271929

Ion Ratio Lower Upper

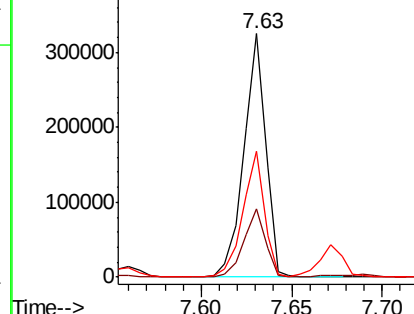
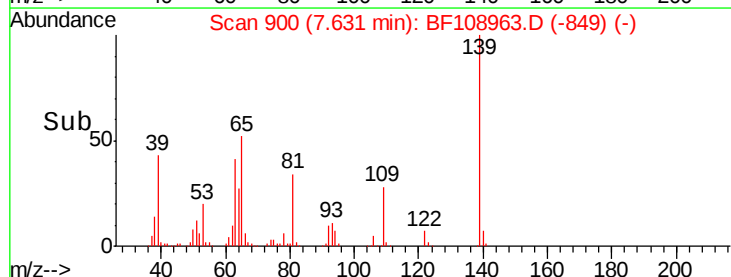
139 100

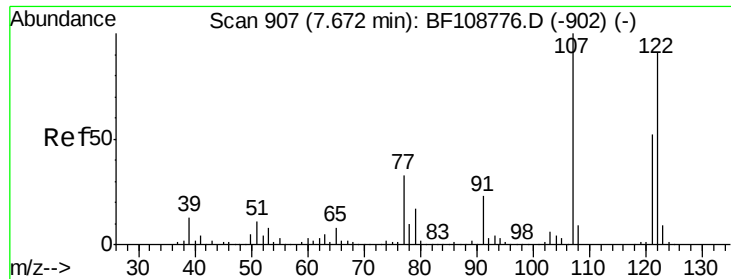
109 28.2 22.7 34.1

65 51.6 40.5 60.7



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

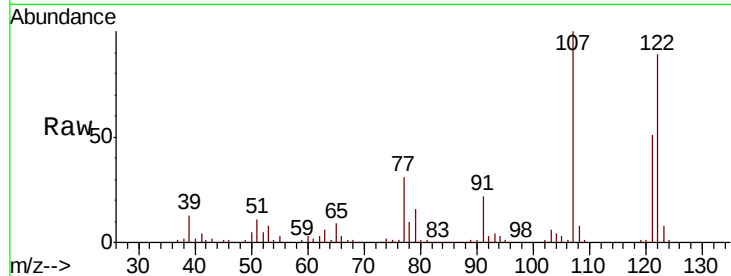




#27
2,4-Dimethylphenol
Concen: 39.659 ng
RT: 7.67 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	57.3	47.2	70.8

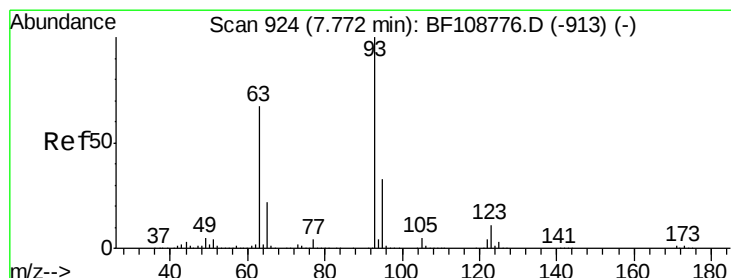
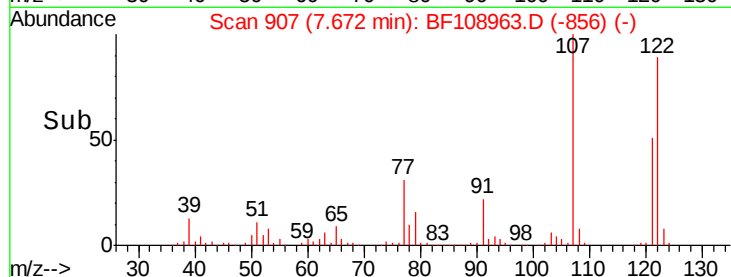
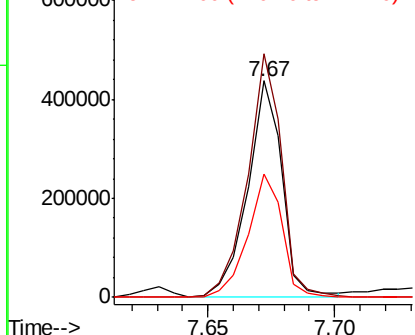


Abundance

Ion 122.00 (121.70 to 122.70): E

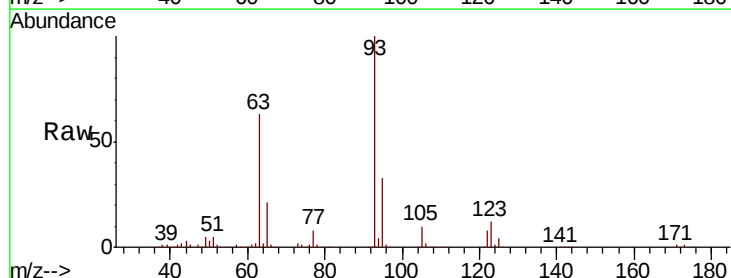
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.625 ng
RT: 7.77 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.9	9.8	14.6

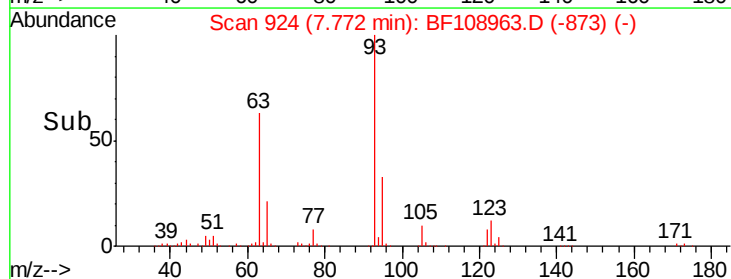
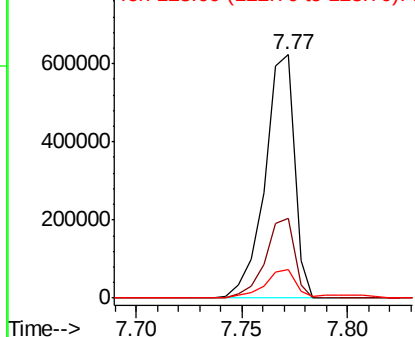


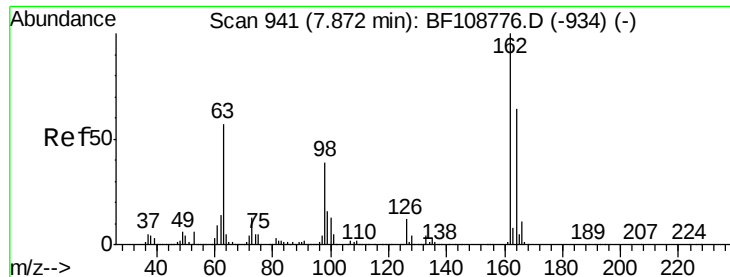
Abundance

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

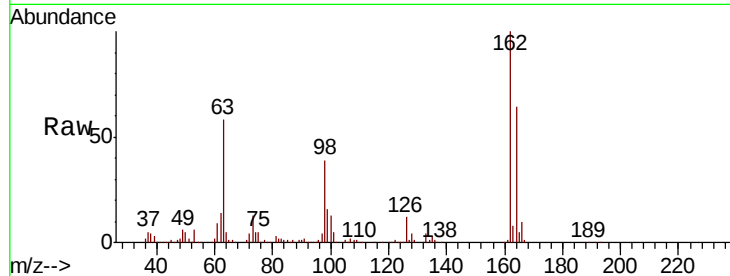




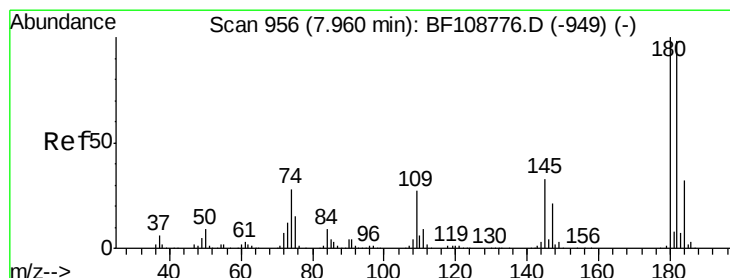
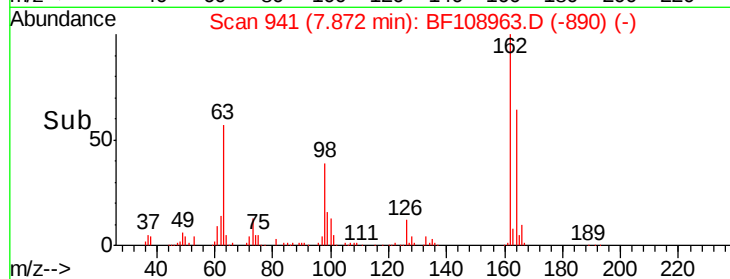
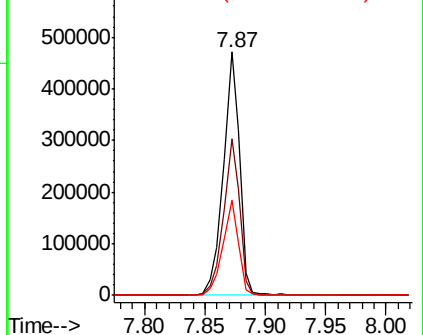
#29
 2,4-Dichlorophenol
 Concen: 40.928 ng
 RT: 7.87 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	440043
Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	39.3	18.1	58.1

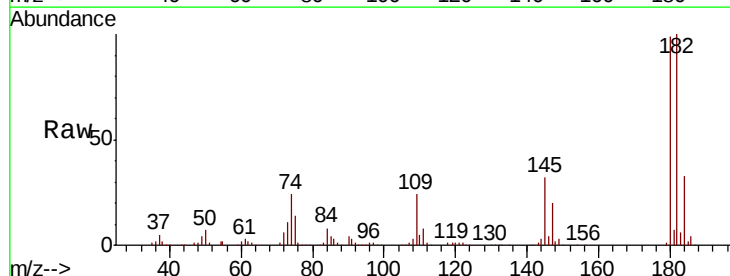


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

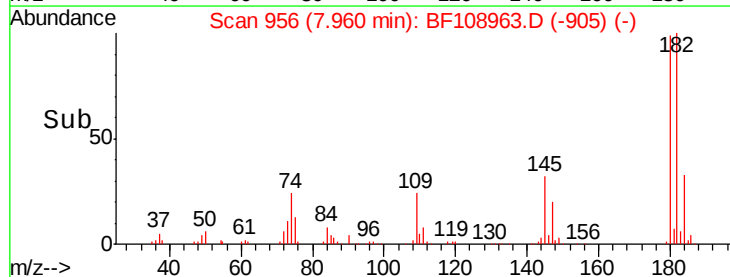
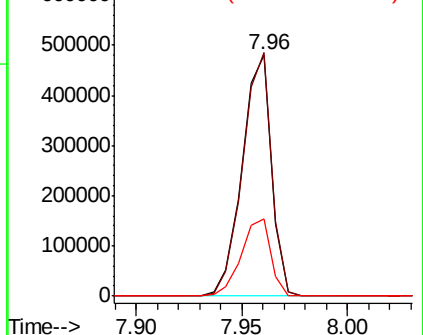


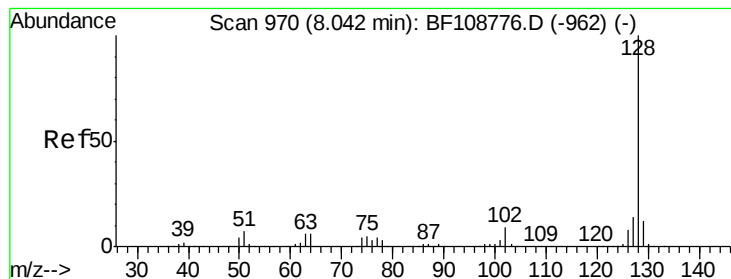
#30
 1,2,4-Trichlorobenzene
 Concen: 39.679 ng
 RT: 7.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	180	Resp	462347
Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.8	115.2
145	32.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.671 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

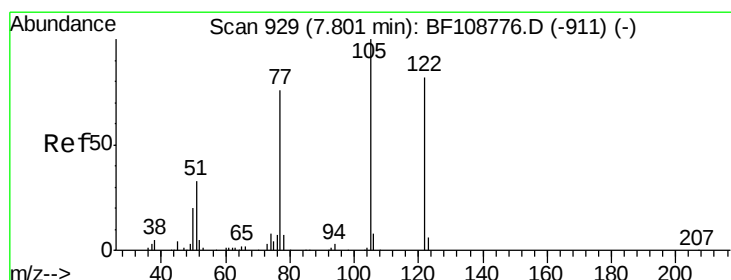
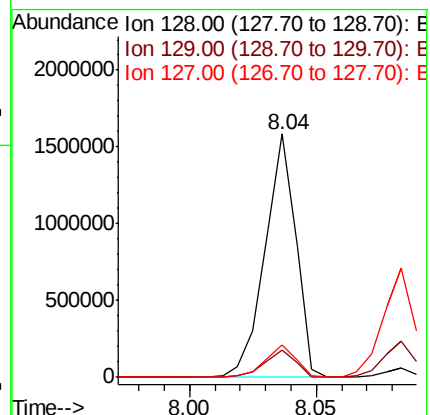
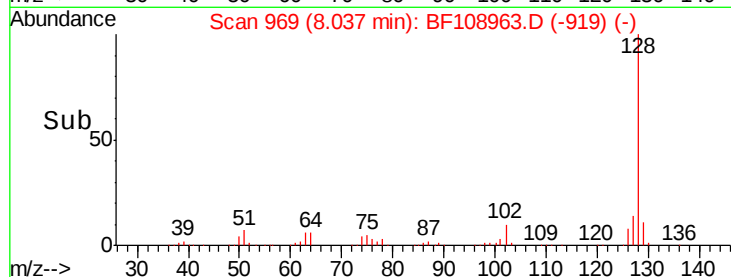
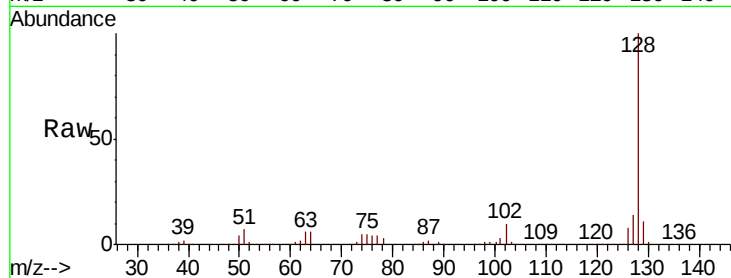
Tot Ion:128 Resp: 1356751

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 47.720 ng

RT: 7.81 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

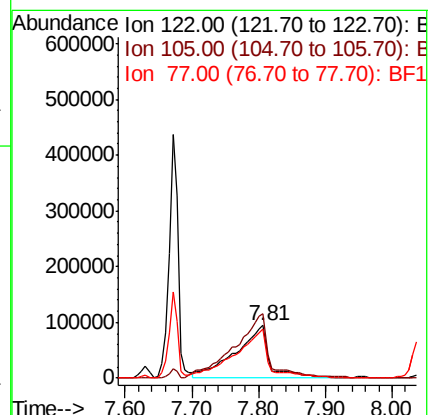
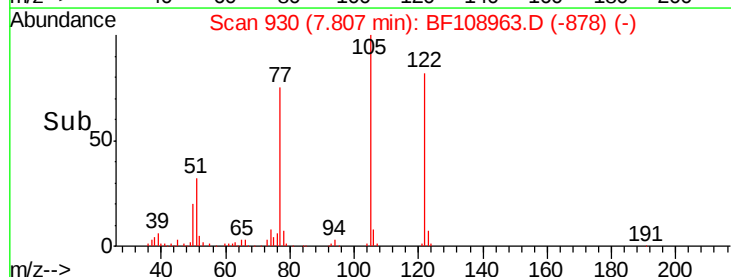
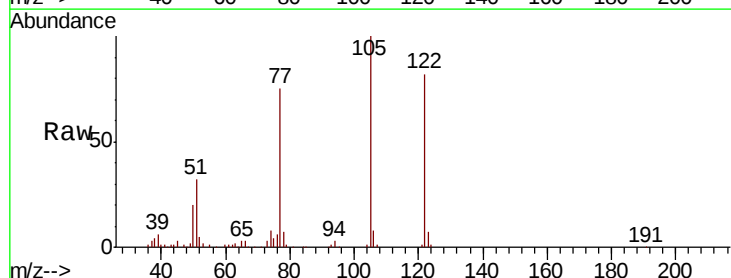
Tgt Ion:122 Resp: 326090

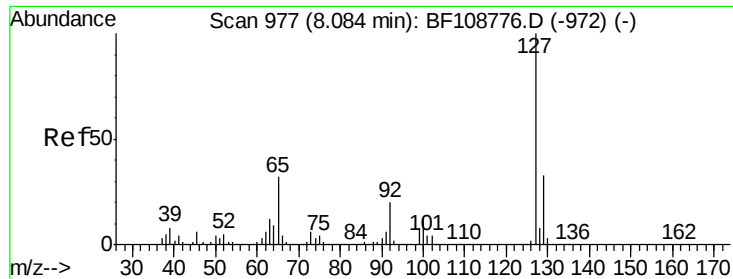
Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

77 91.9 70.7 110.7

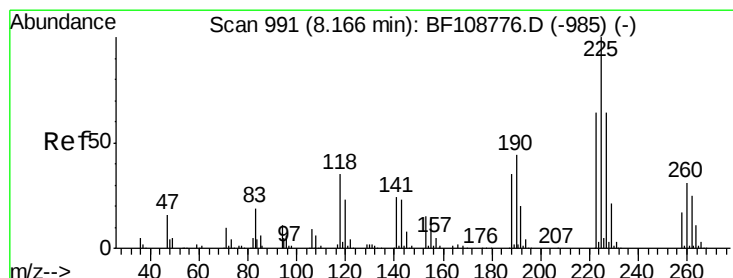
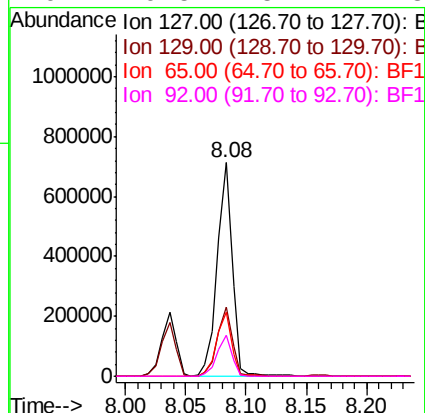
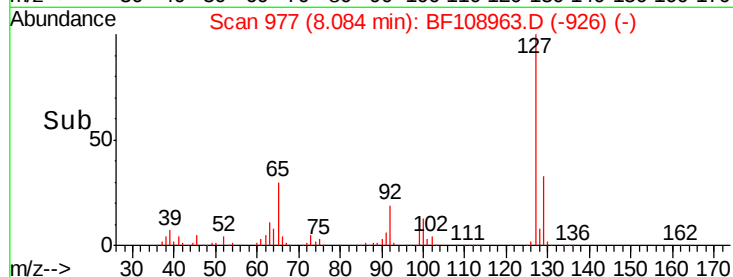
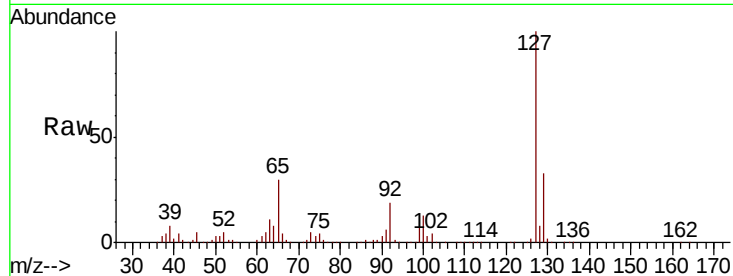




#33
4-Chloroaniline
Concen: 39.109 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

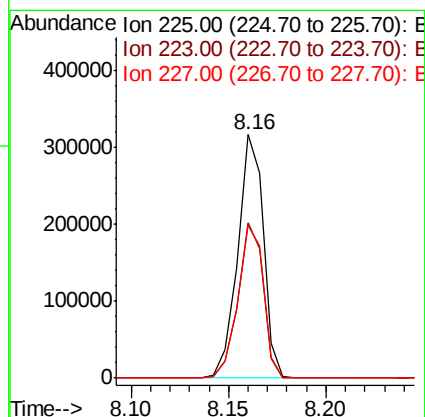
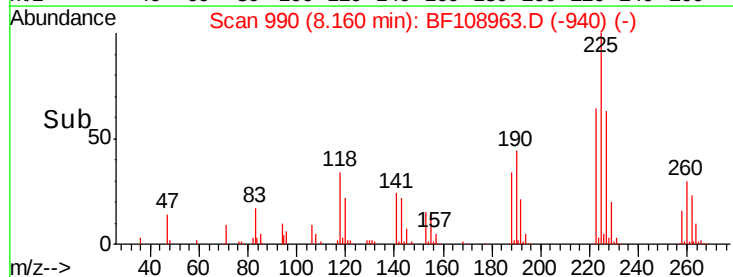
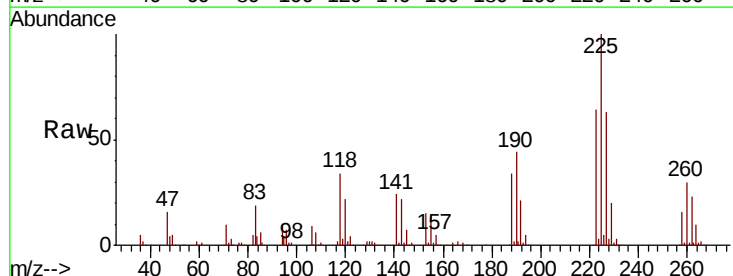
Instrument :
BNA_F
ClientSampled :

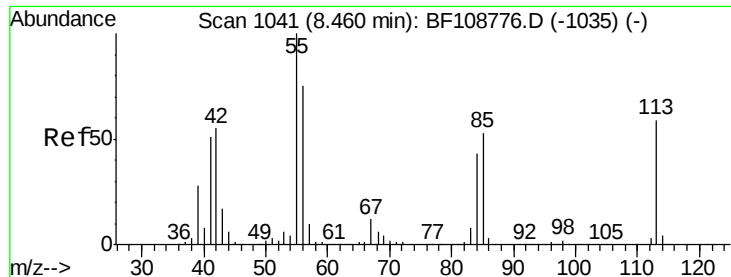
Tot Ion:	127	Resp:	614295
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.1	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.216 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:	225	Resp:	286904
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.6	51.9	77.9

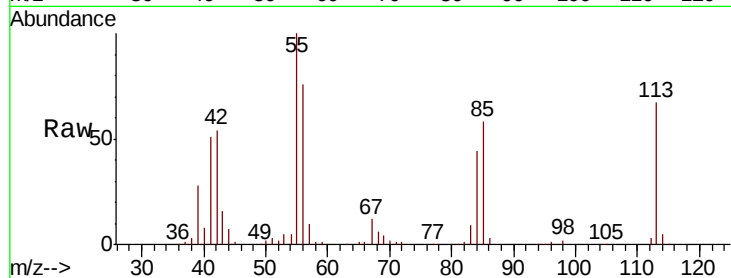




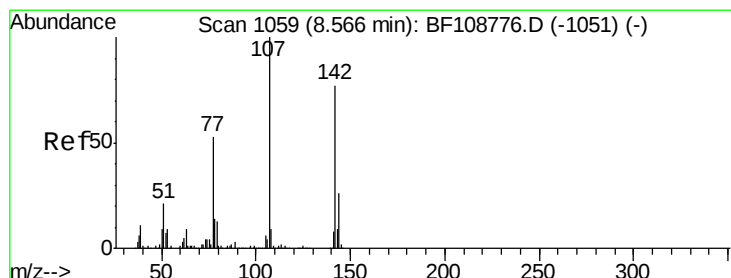
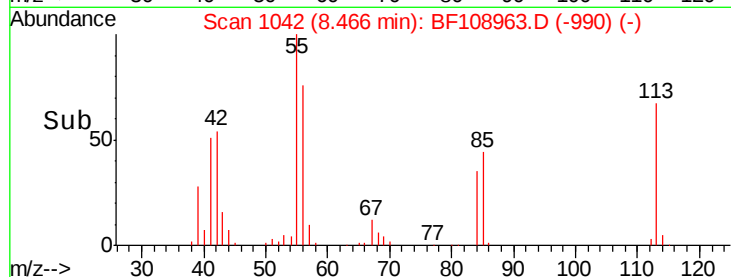
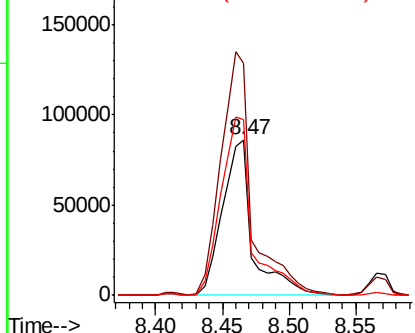
#35
 Caprolactam
 Concen: 37.847 ng
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 137889
 Ion Ratio Lower Upper
 113 100
 55 149.2 163.3 203.3#
 56 113.1 115.7 155.7#

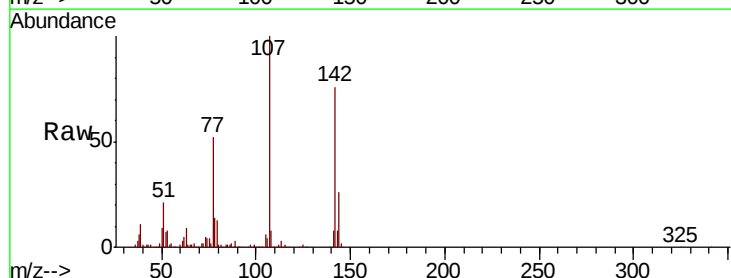


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

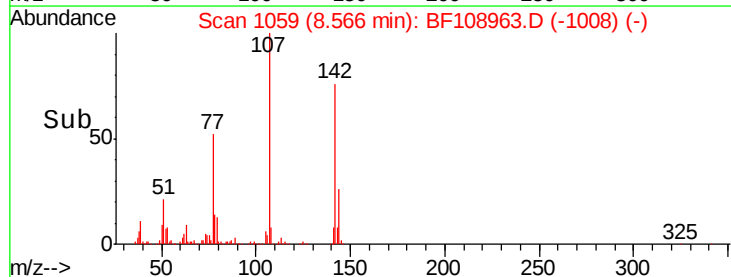
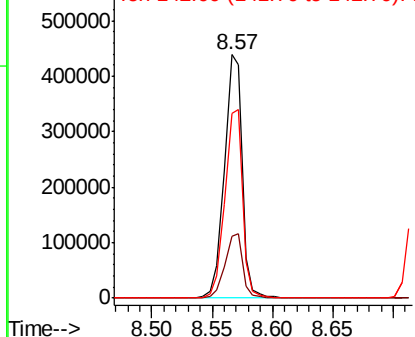


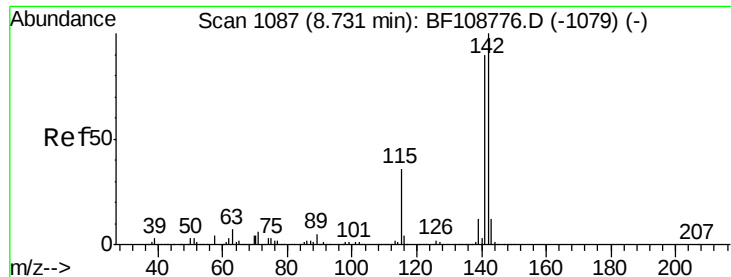
#36
 4-Chloro-3-methylphenol
 Concen: 39.197 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:107 Resp: 448955
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 76.1 62.0 93.0



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

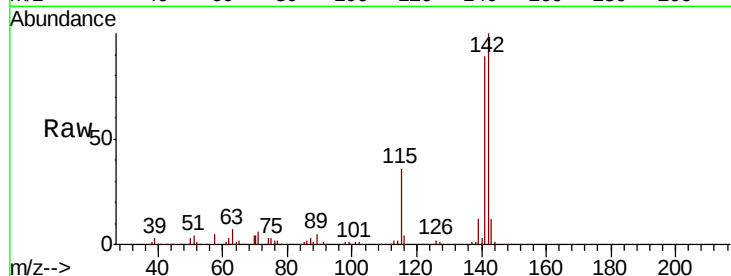




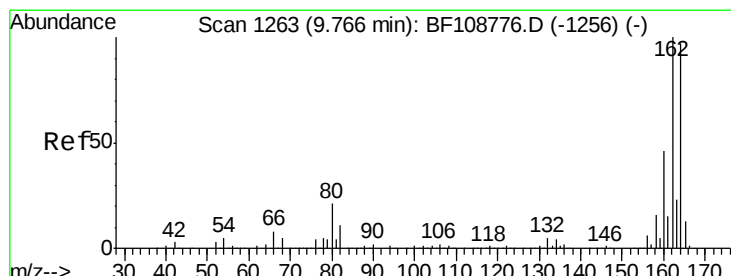
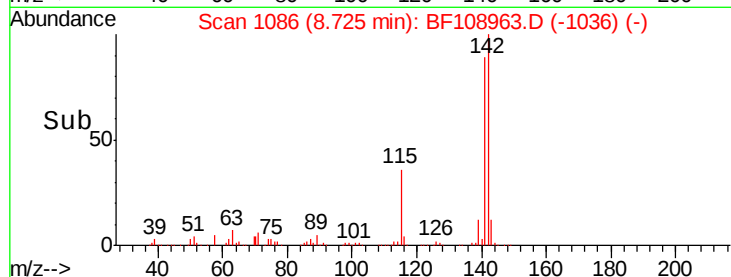
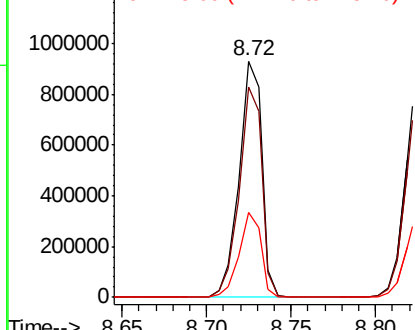
#37
2-Methylnaphthalene
Concen: 38.525 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 870438
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 35.7 26.1 39.1

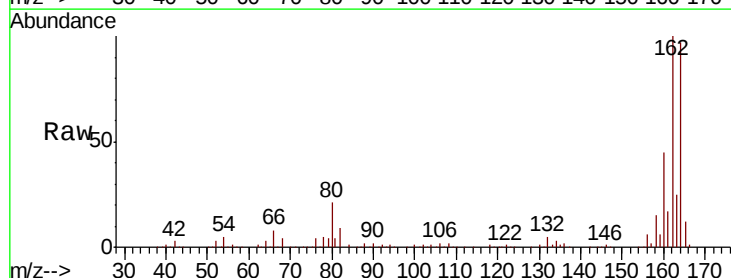


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

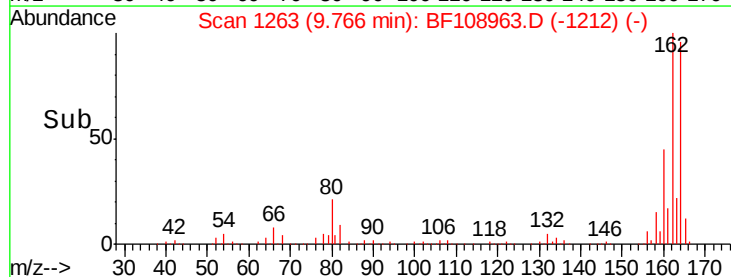
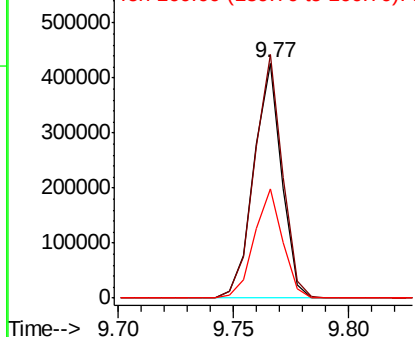


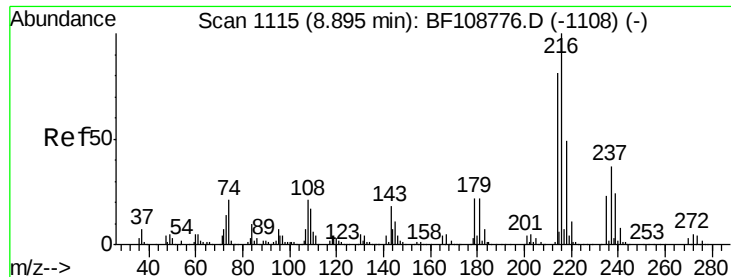
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:164 Resp: 360214
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.6 38.3 57.5



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

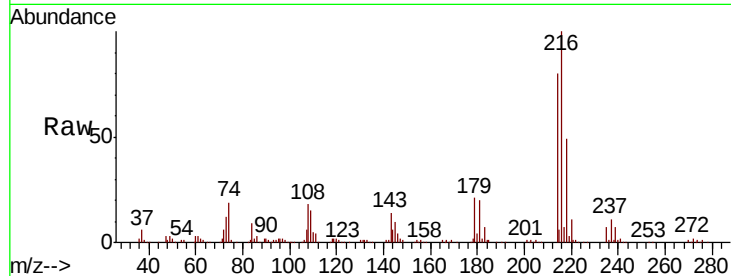




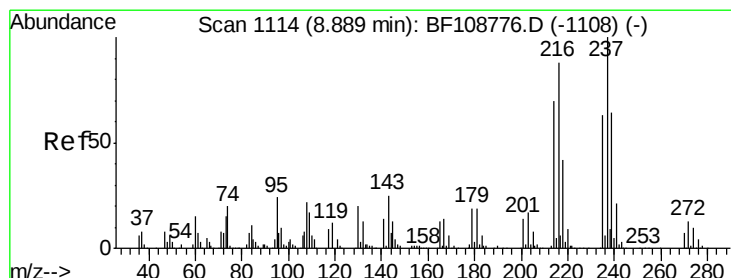
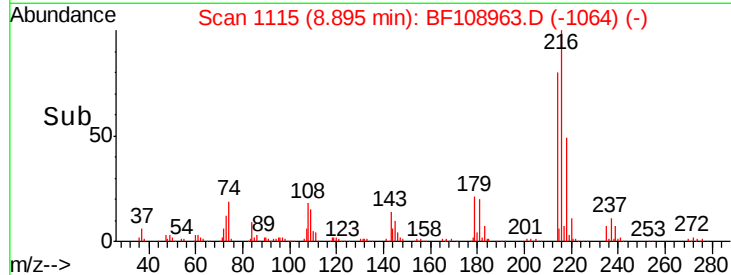
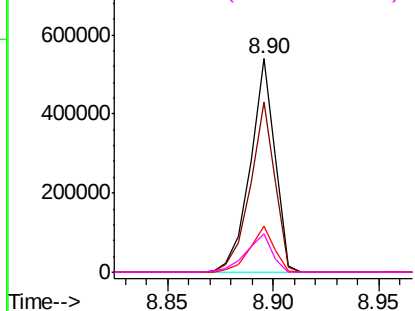
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.873 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	440115
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	21.1	18.1	27.1
108	19.1	17.2	25.8

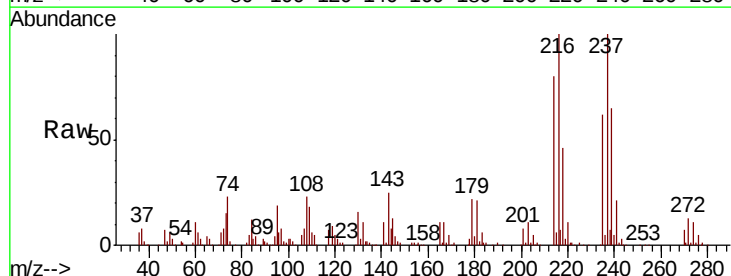


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

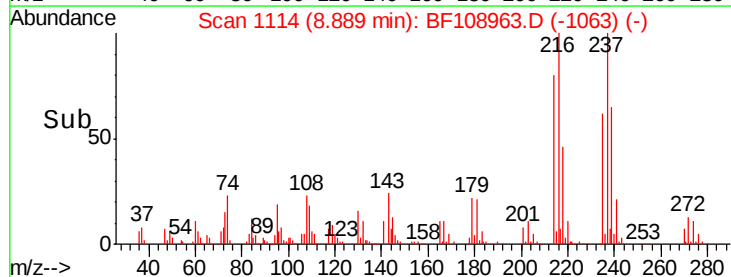
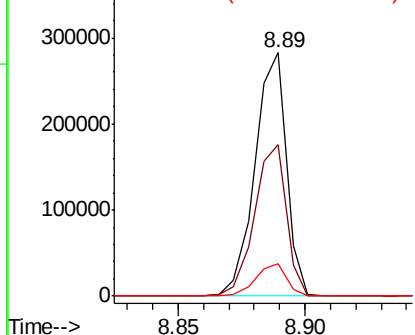


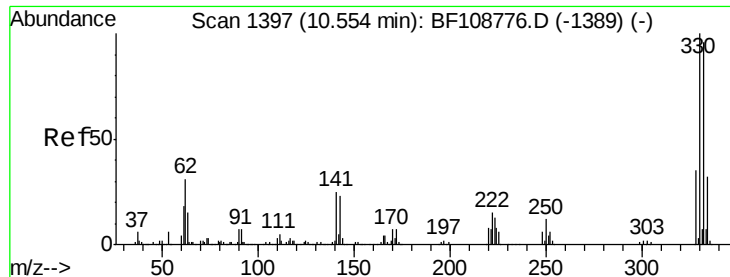
#40
 Hexachlorocyclopentadiene
 Concen: 45.451 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:	237	Resp:	246211
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	13.5	0.0	33.3



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

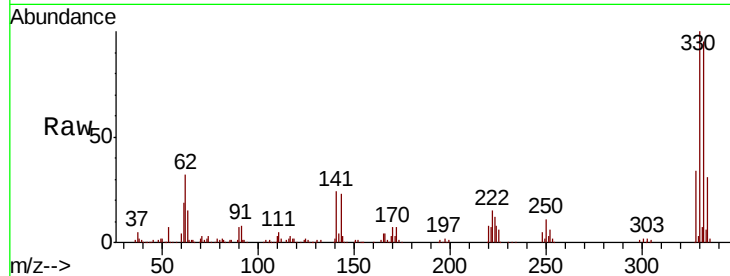




#41
 2,4,6-Tribromophenol
 Concen: 89.071 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.5	29.9	44.9

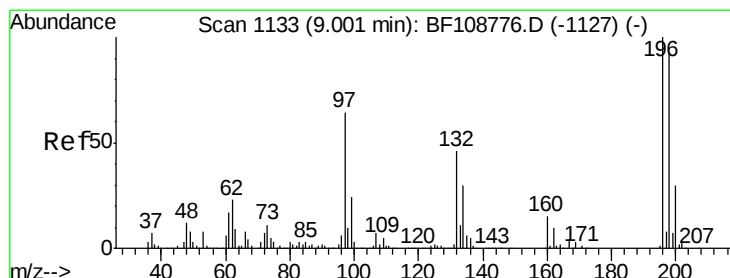
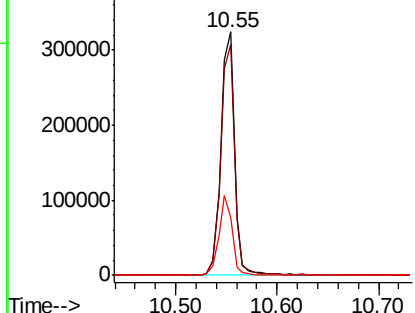
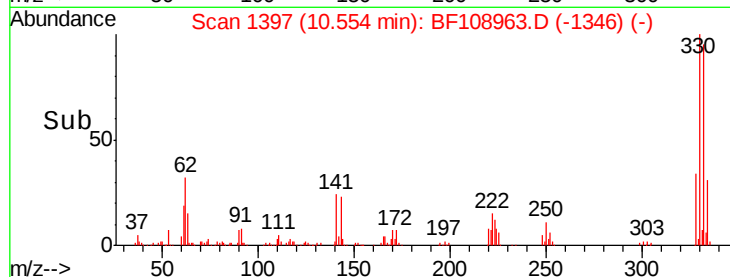


Abundance

Ion 329.80 (329.50 to 330.50): E

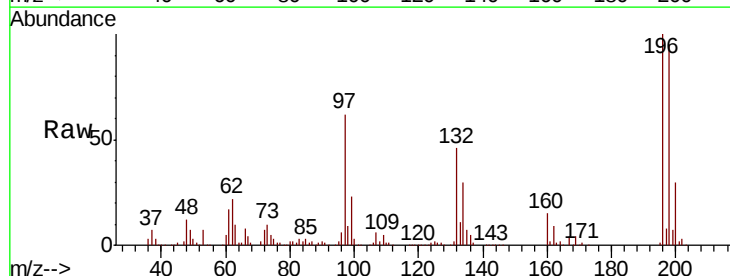
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.399 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.0	24.5	36.7

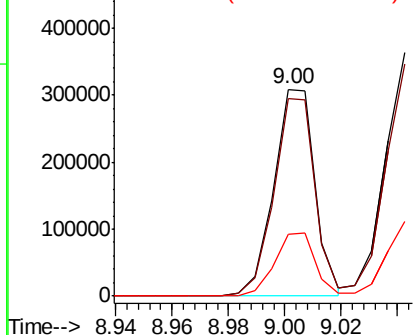
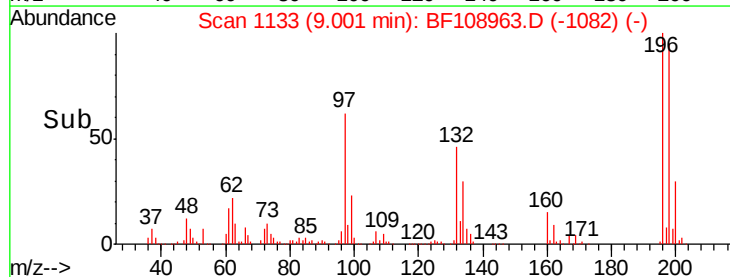


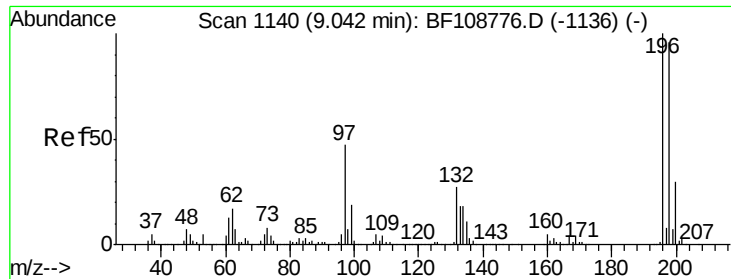
Abundance

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

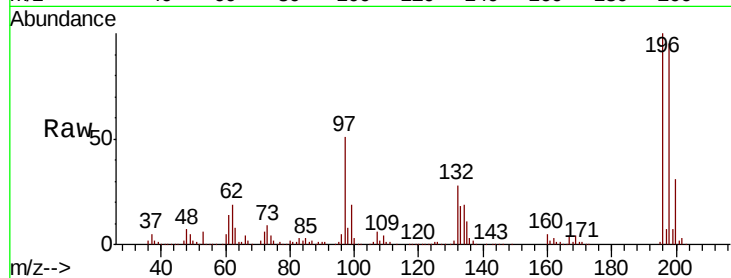




#43
 2,4,5-Trichlorophenol
 Concen: 42.800 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	51.1	42.9	64.3
132	28.2	26.3	39.5



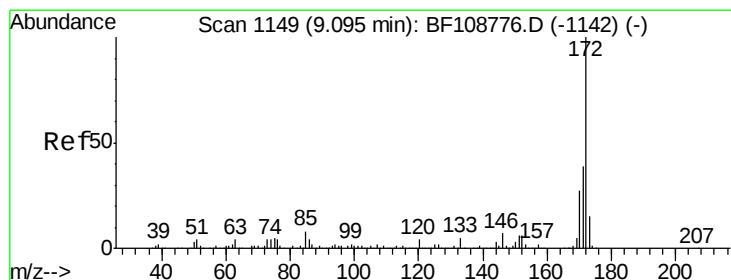
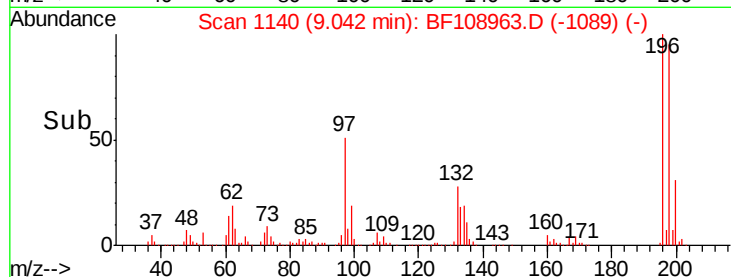
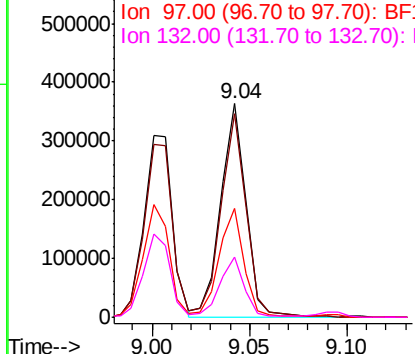
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

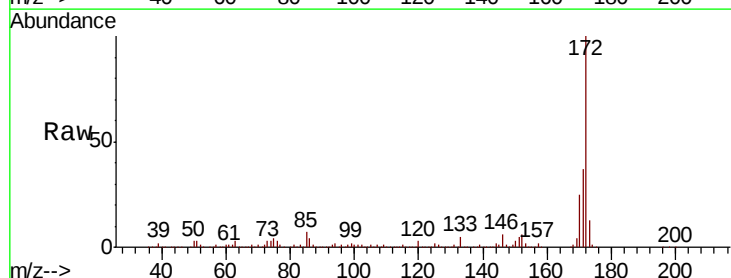
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.017 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.0	19.6	29.4

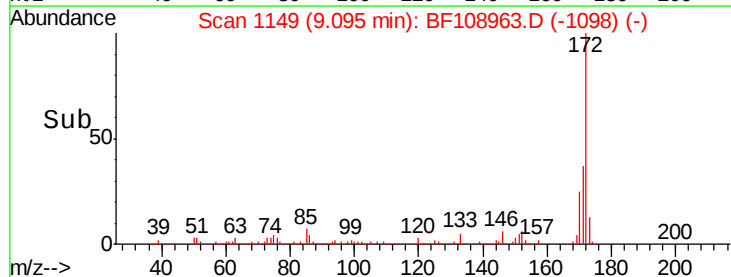
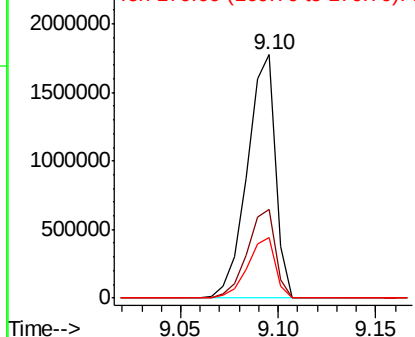


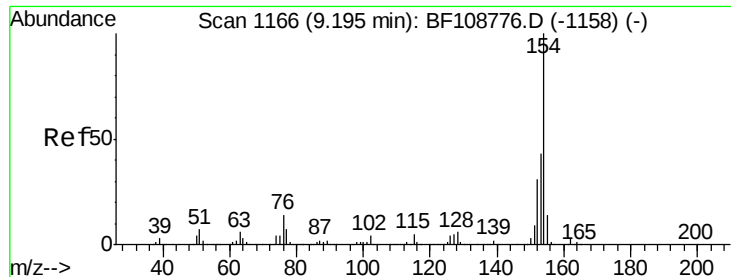
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

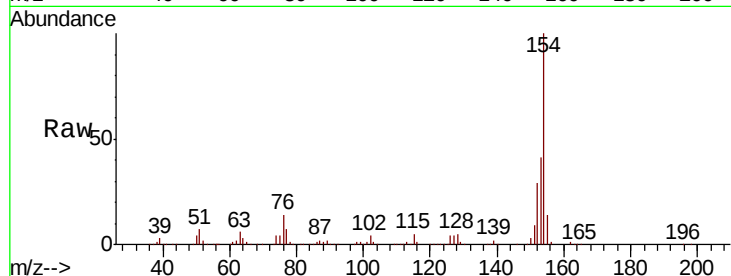




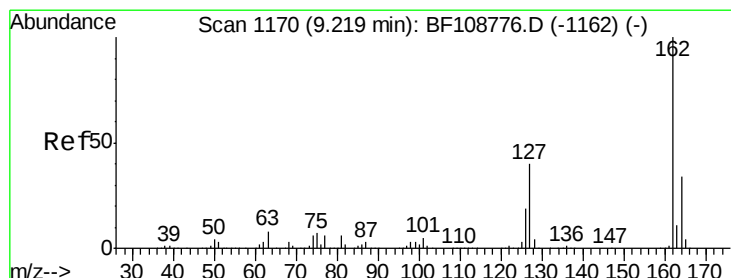
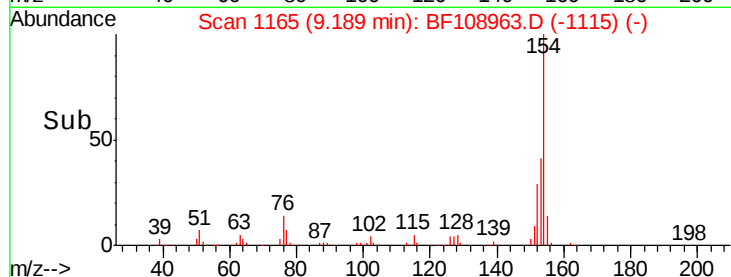
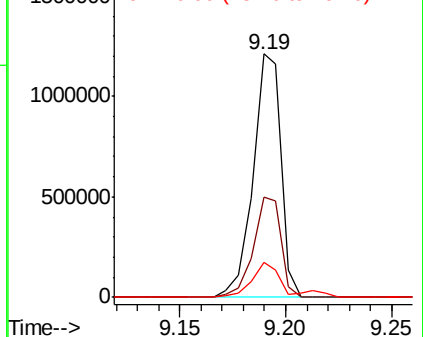
#45
 1,1'-Biphenyl
 Concen: 40.150 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1113430
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.2 0.0 34.0

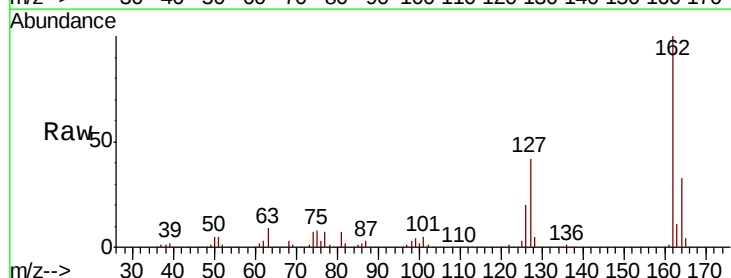


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

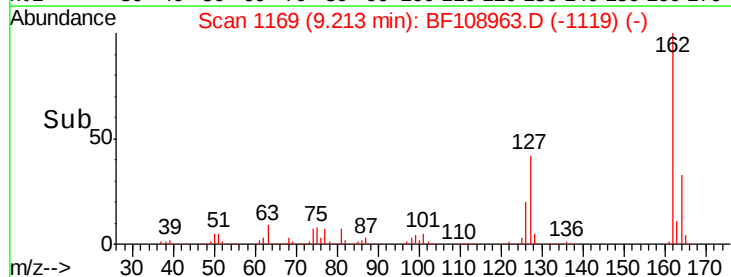
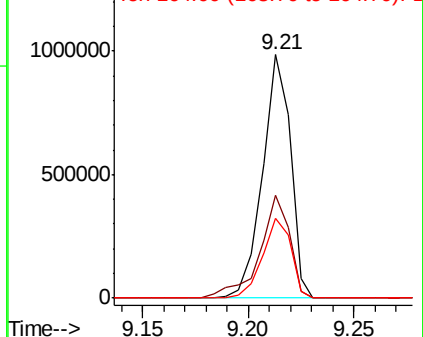


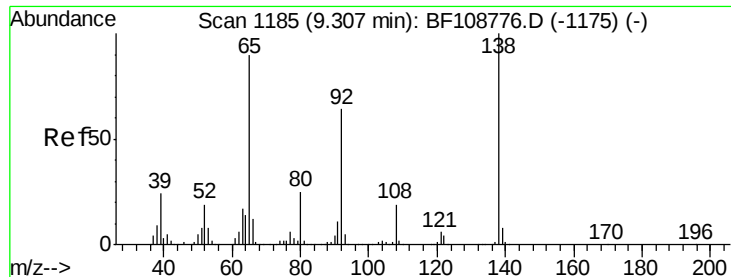
#46
 2-Chloronaphthalene
 Concen: 40.542 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:162 Resp: 909279
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 32.9 26.5 39.7



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

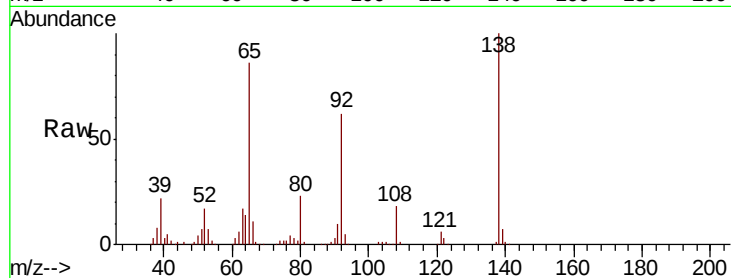




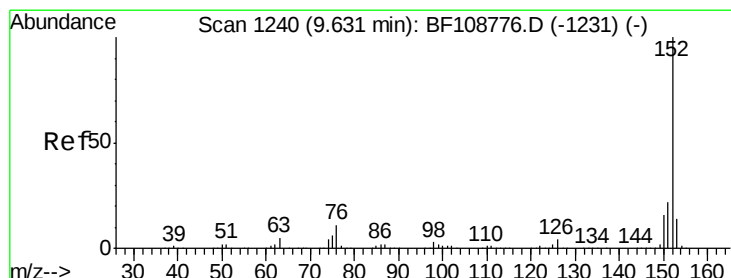
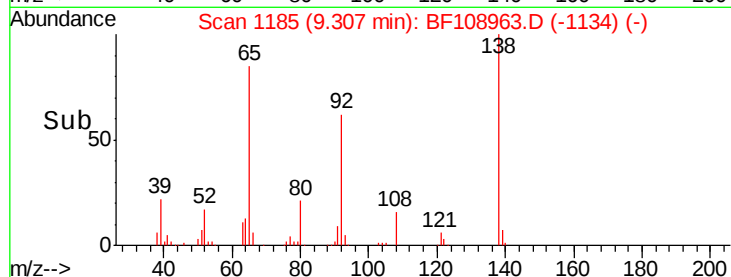
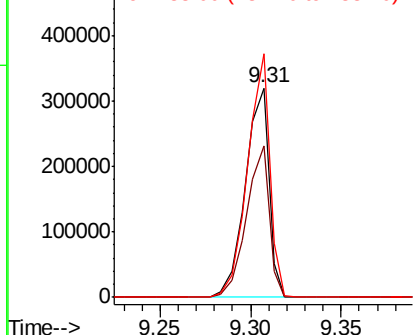
#47
2-Nitroaniline
Concen: 47.390 ng
RT: 9.31 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 290355
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 116.2 91.2 136.8

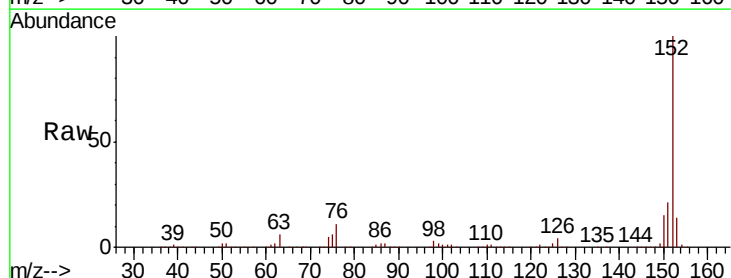


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

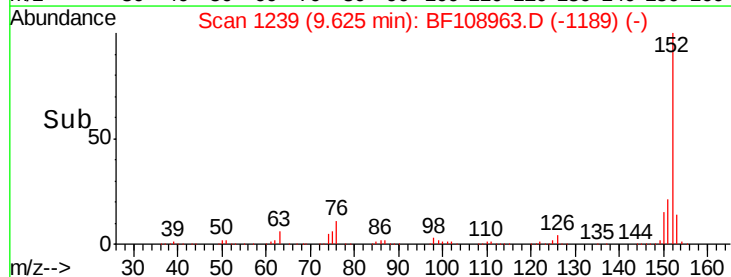
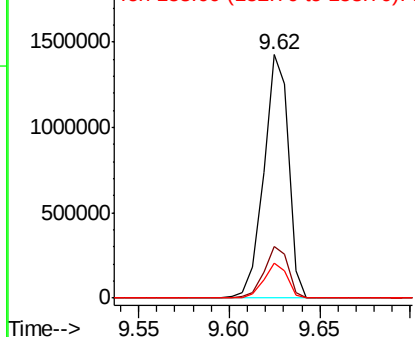


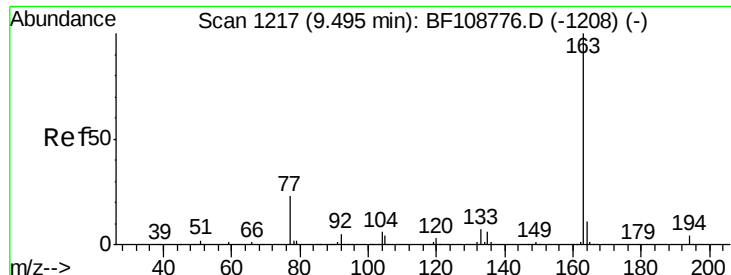
#48
Acenaphthylene
Concen: 40.234 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion: 152 Resp: 1345058
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.2 10.7 16.1



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

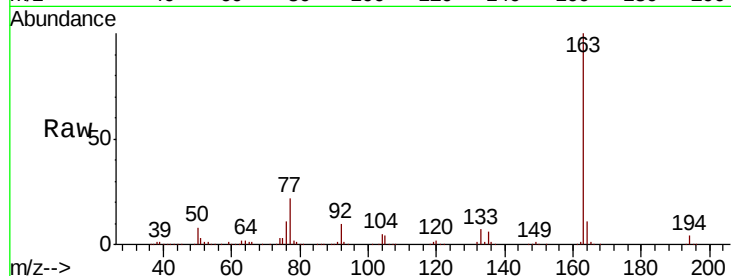




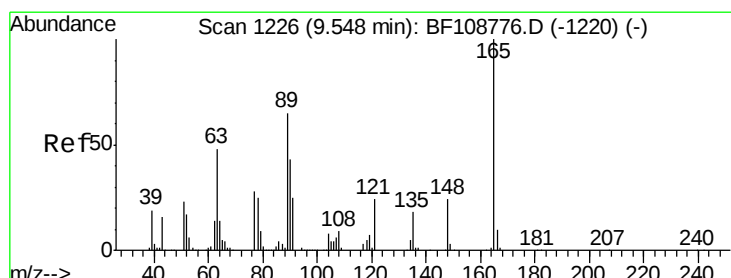
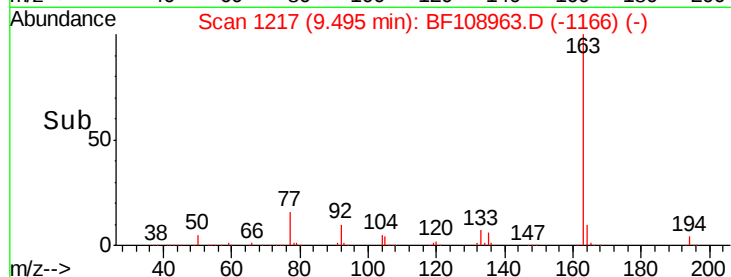
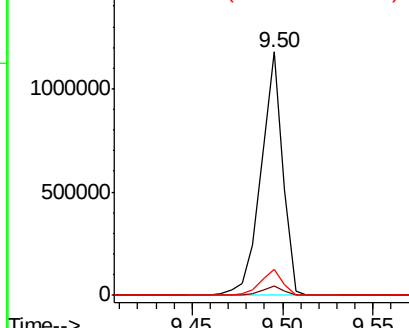
#49
Dimethylphthalate
Concen: 39.055 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 983972
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.5 8.2 12.2

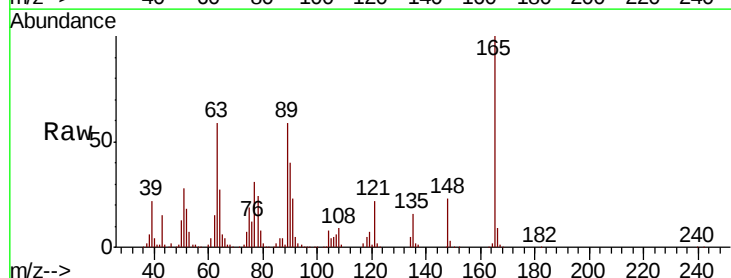


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

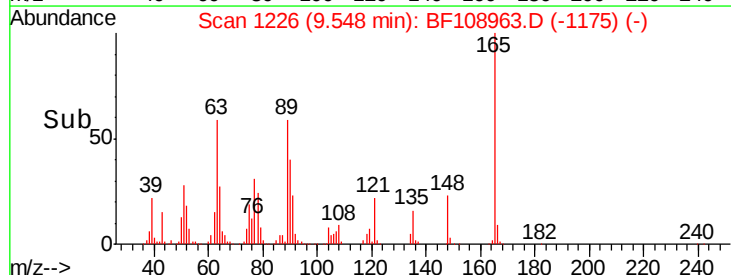
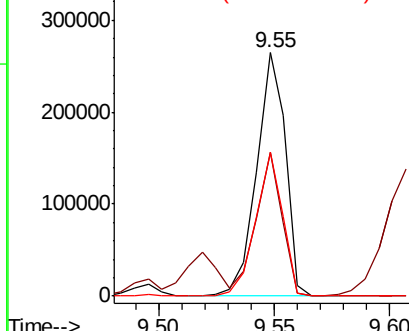


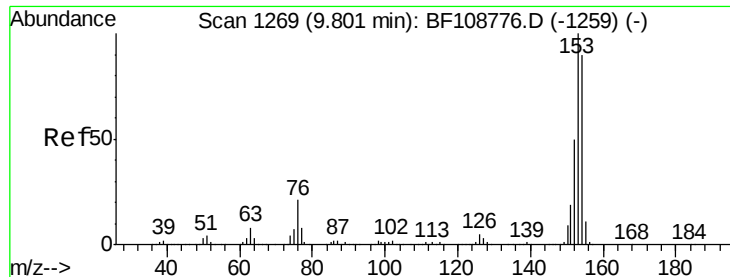
#50
2,6-Dinitrotoluene
Concen: 47.941 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:165 Resp: 230155
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 59.3 44.0 66.0



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





#51

Acenaphthene

Concen: 40.362 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampled :

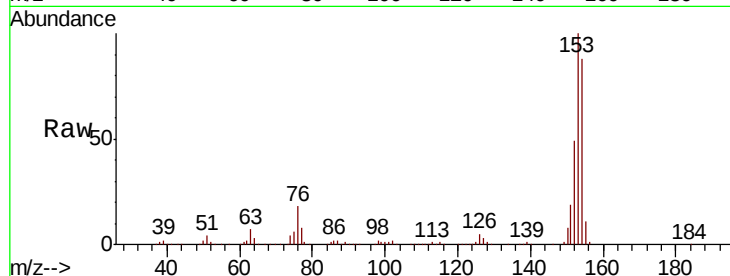
Tot Ion:154 Resp: 834998

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

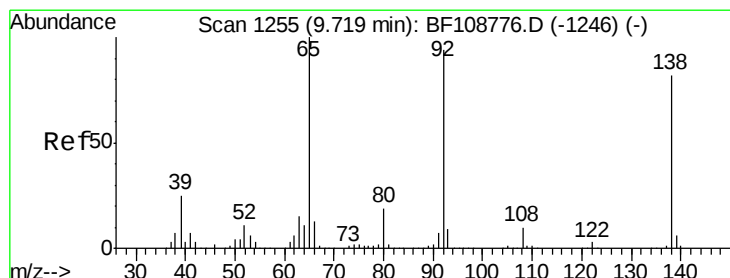
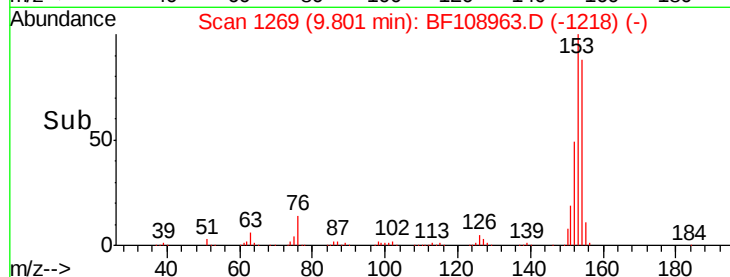
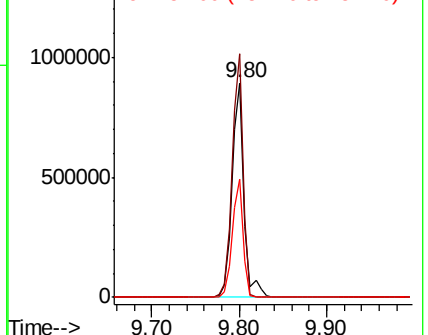
152 55.3 43.8 65.8



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



#52

3-Nitroaniline

Concen: 47.234 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

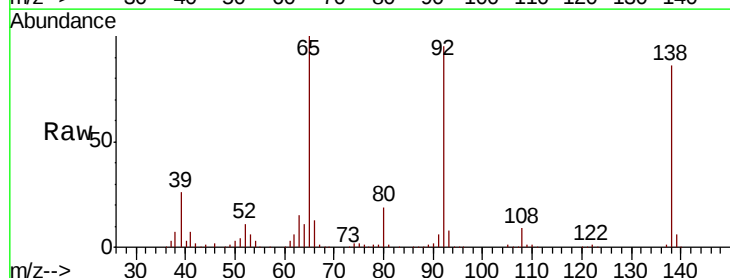
Tgt Ion:138 Resp: 269930

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

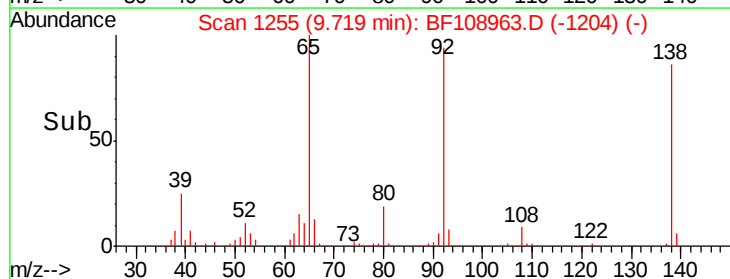
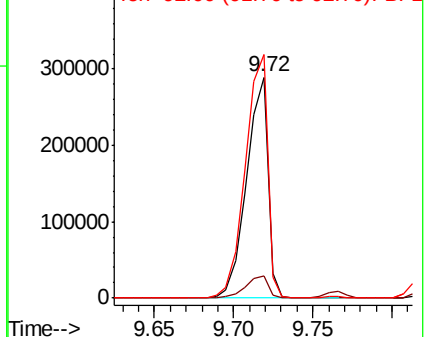
92 110.1 89.4 134.2

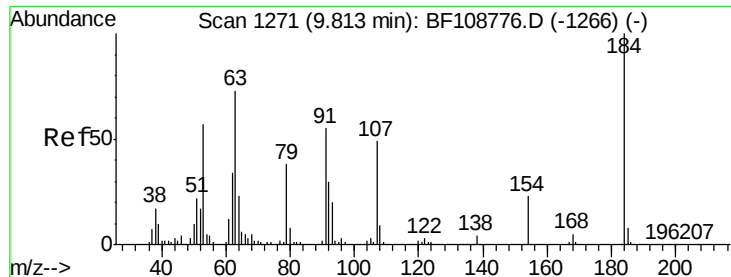


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

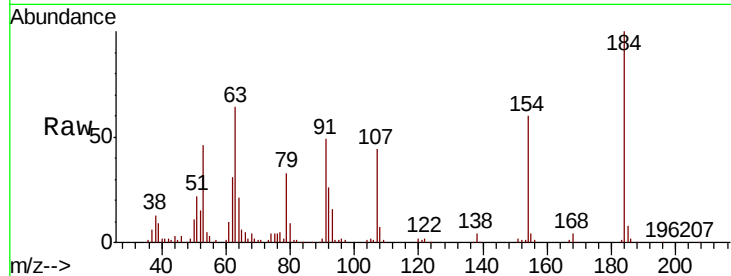




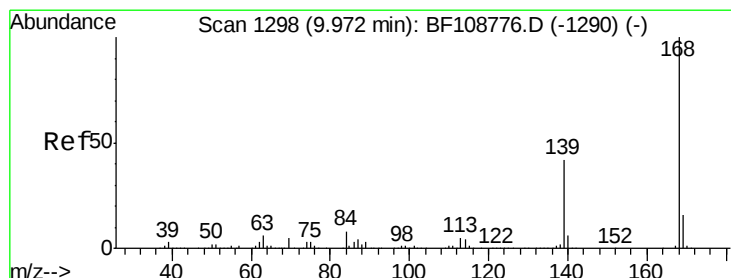
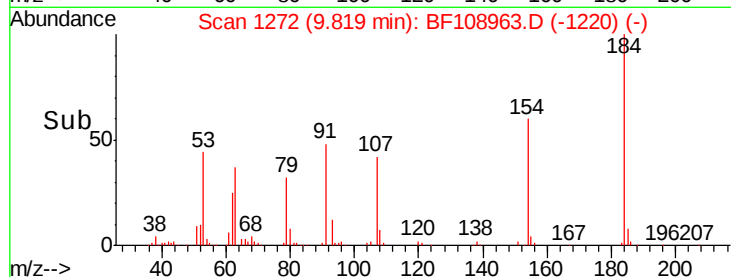
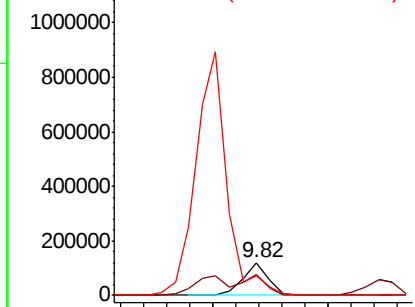
#53
2,4-Dinitrophenol
Concen: 56.058 ng
RT: 9.82 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 93307
Ion Ratio Lower Upper
184 100
63 64.0 54.2 81.2
154 60.2 184.0 276.0#

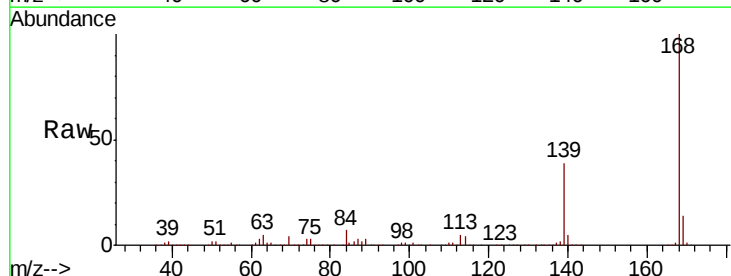


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

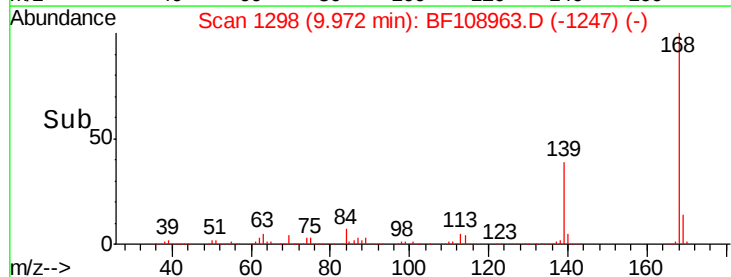
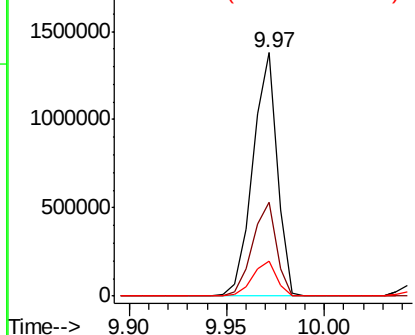


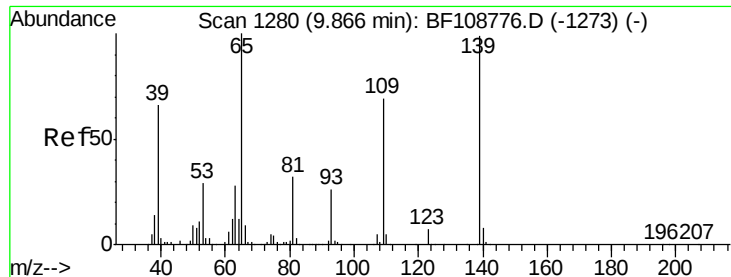
#54
Dibenzofuran
Concen: 39.544 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:168 Resp: 1192471
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.4 10.9 16.3



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

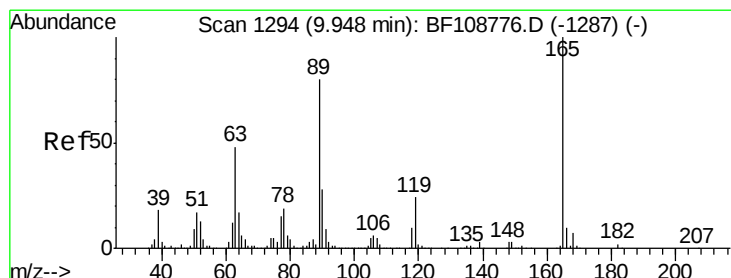
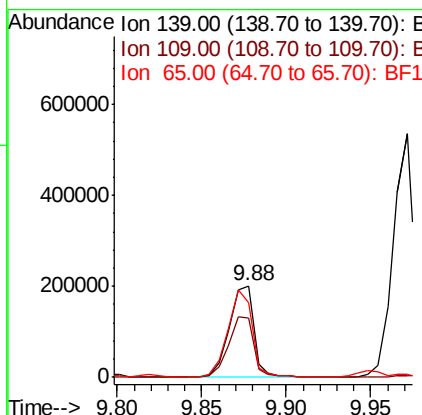
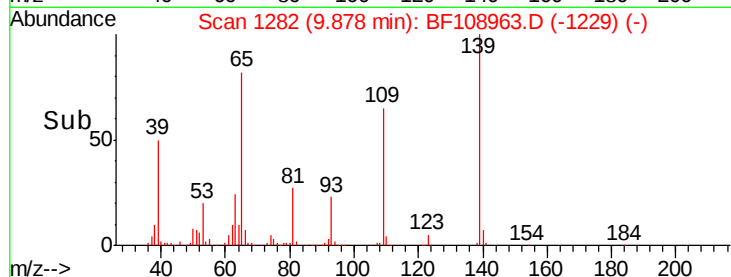
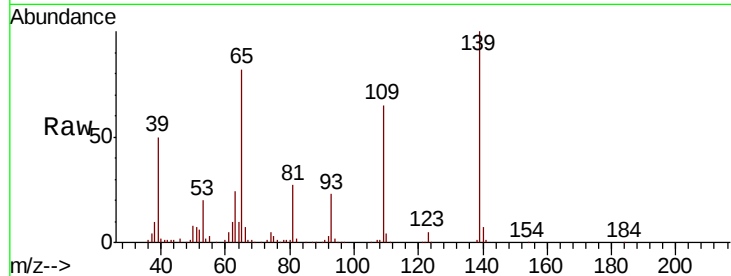




#55
4-Nitrophenol
Concen: 48.308 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

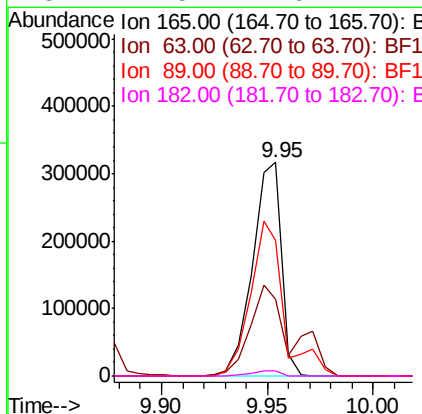
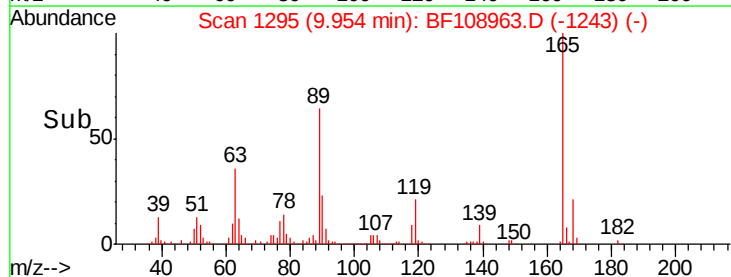
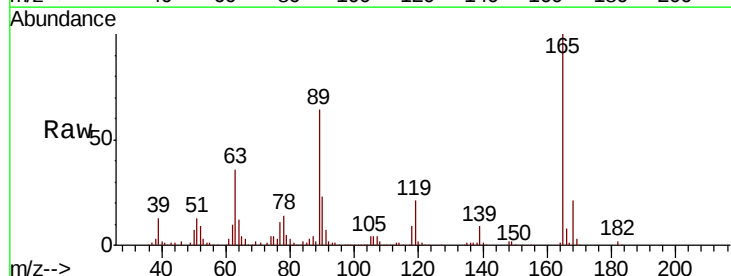
Instrument :
BNA_F
ClientSampleId :

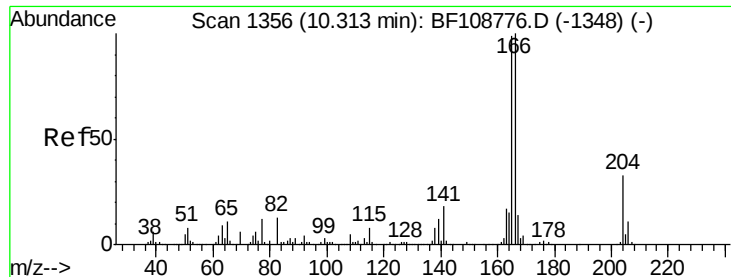
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	48.4	88.4
65	81.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 49.140 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.3	36.4	54.6#
89	63.8	57.8	86.6
182	2.5	1.6	2.4#

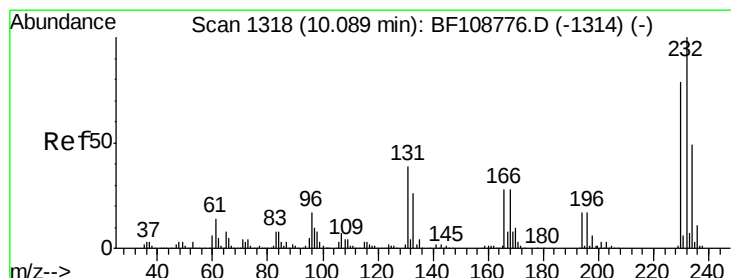
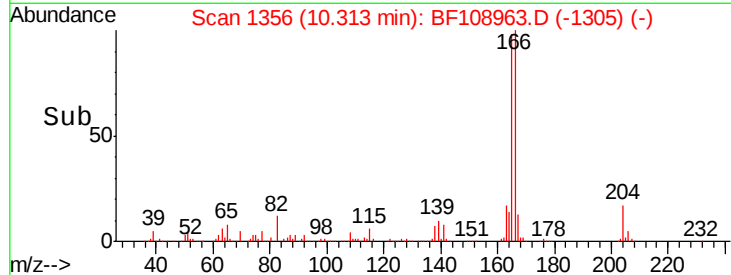
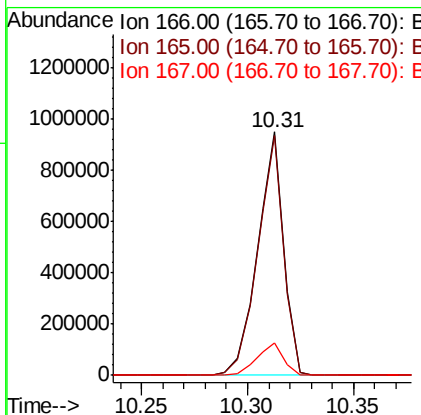
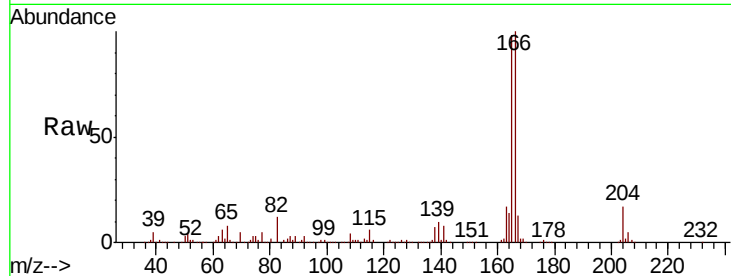




#57
 Fluorene
 Concen: 41.889 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

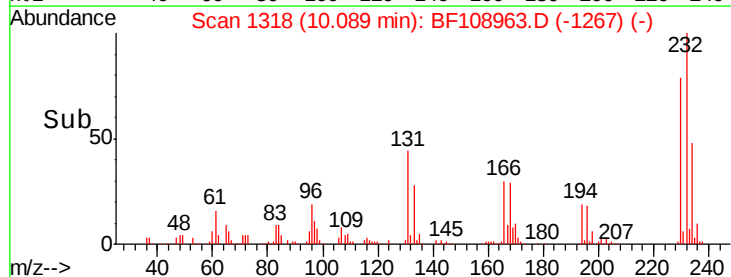
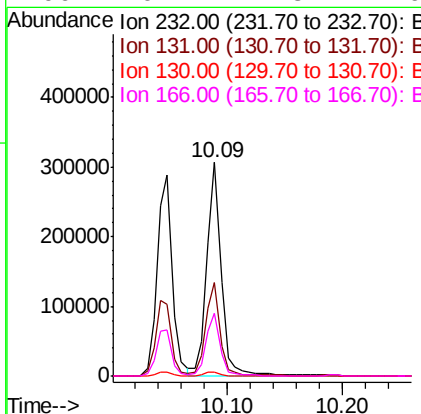
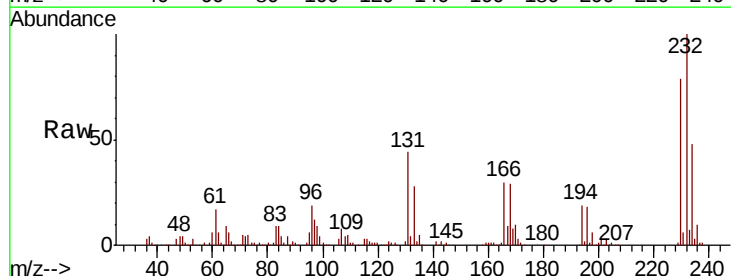
Instrument :
 BNA_F
 ClientSampleId :

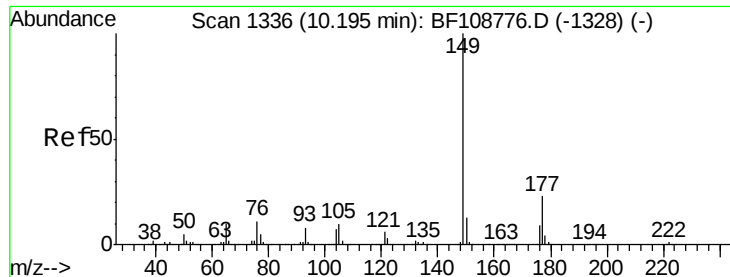
Tot Ion:166 Resp: 810631
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.737 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:232 Resp: 268146
 Ion Ratio Lower Upper
 232 100
 131 43.2 43.8 65.8#
 130 2.0 2.1 3.1#
 166 29.2 27.8 41.6

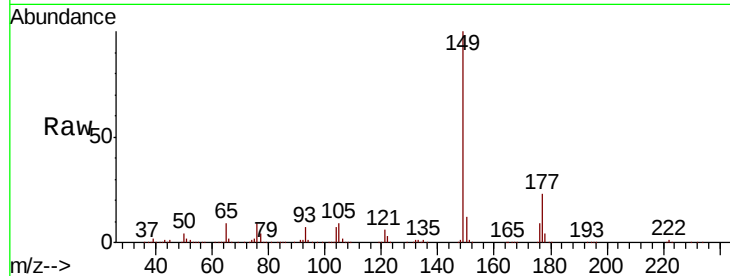




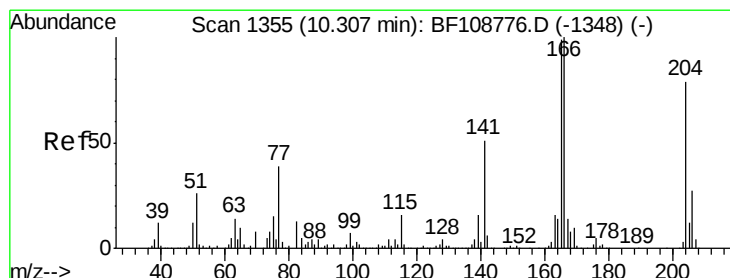
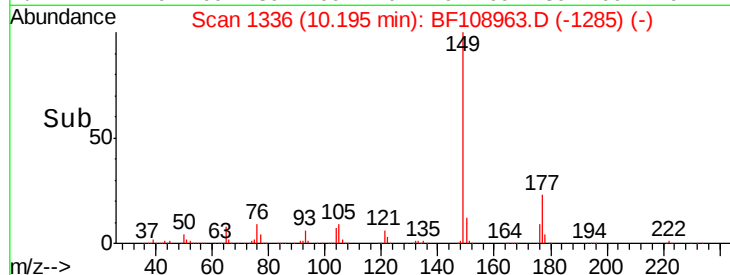
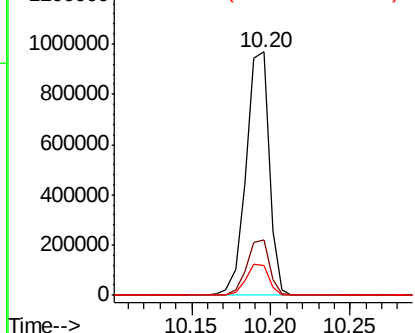
#59
Diethylphthalate
Concen: 37.583 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 977158
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.4 10.1 15.1

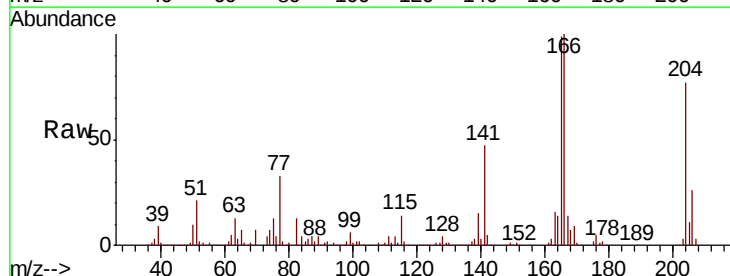


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

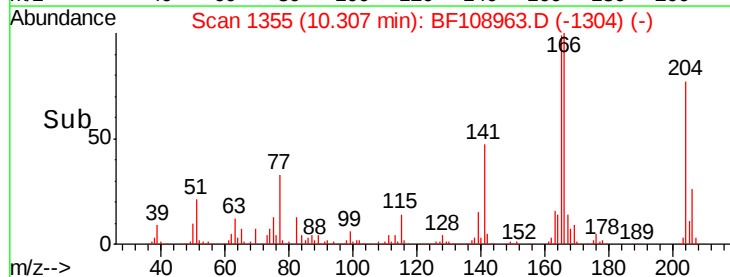
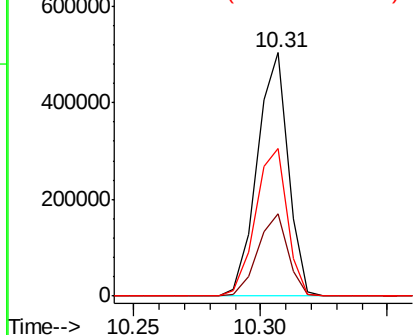


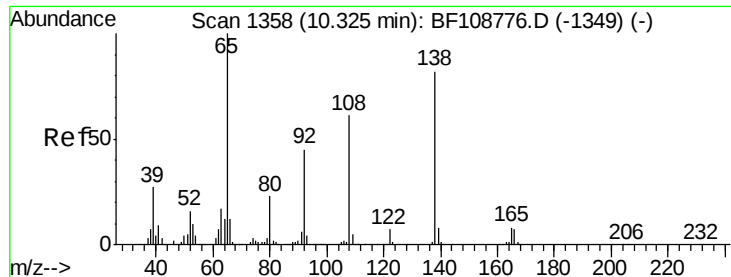
#60
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:204 Resp: 430276
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 60.5 54.6 81.8



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

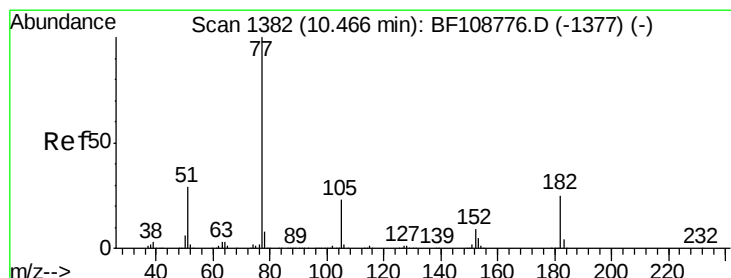
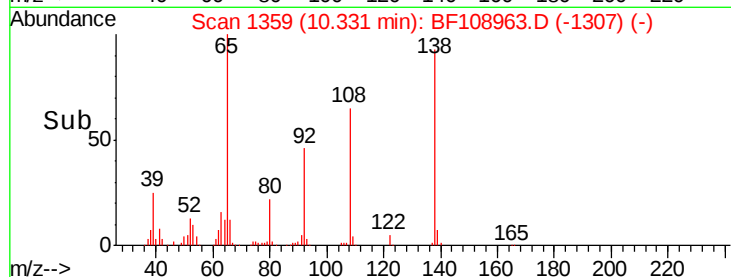
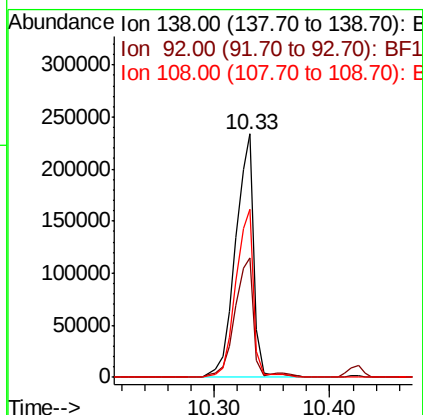
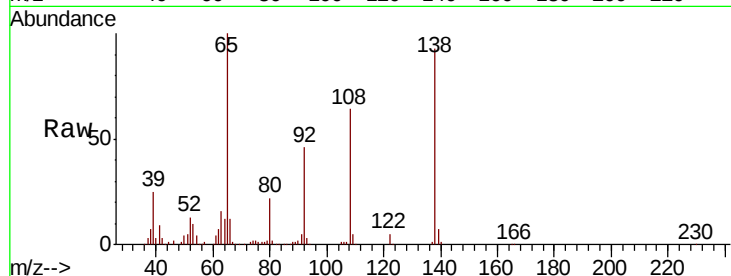




#61
4-Nitroaniline
Concen: 49.605 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

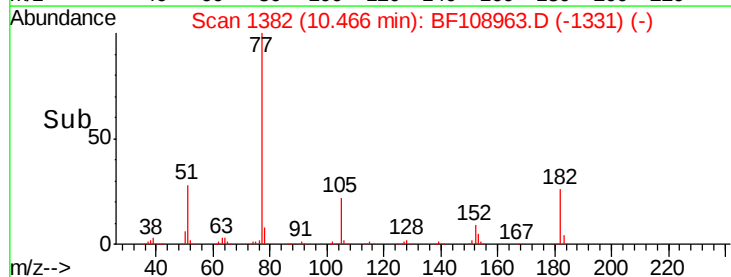
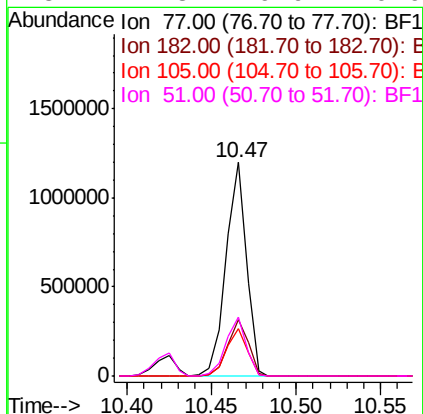
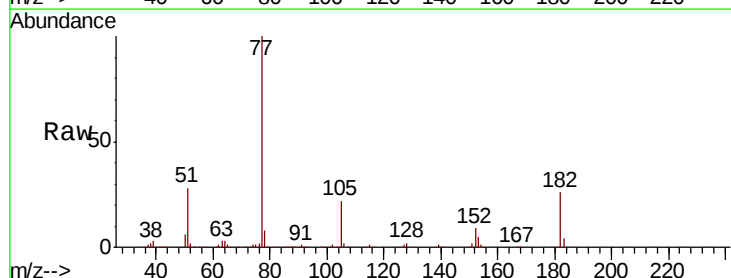
Instrument :
BNA_F
ClientSampleId :

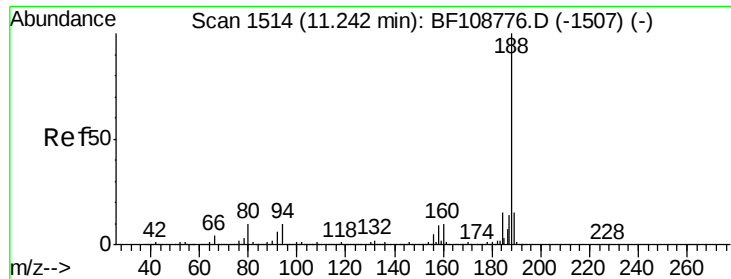
Tot Ion:138 Resp: 256807
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 69.2 52.5 92.5



#62
Azobenzene
Concen: 37.471 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion: 77 Resp: 1005652
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 22.4 3.0 43.0
51 27.8 9.9 49.9

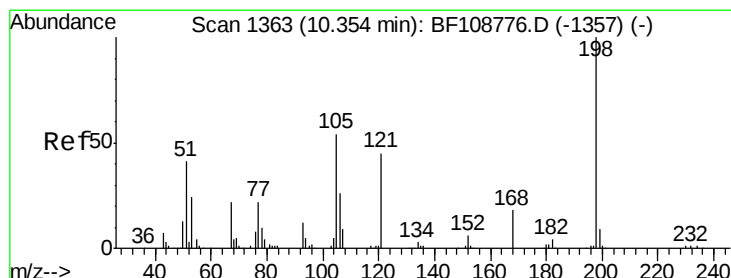
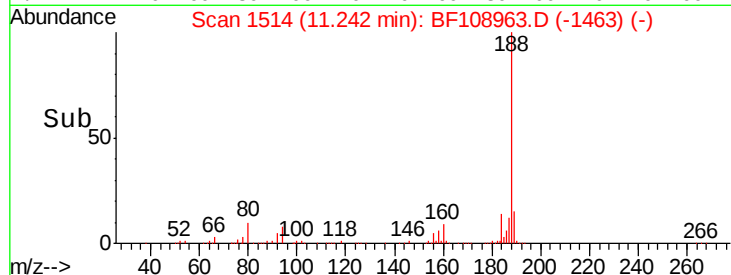
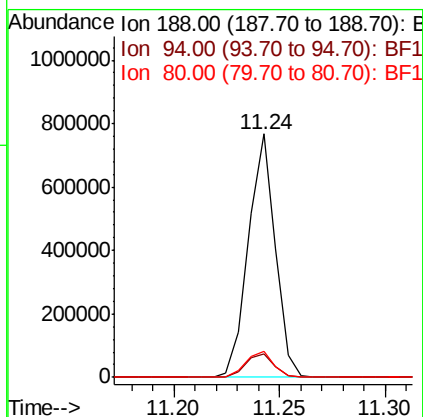
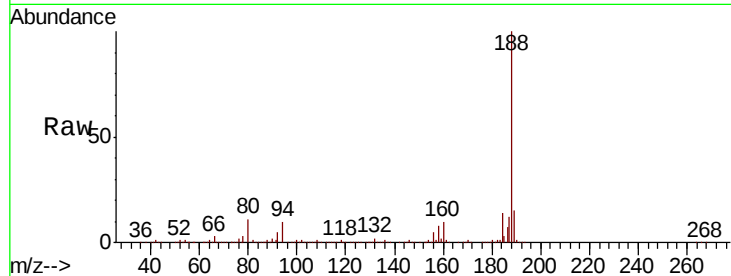




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

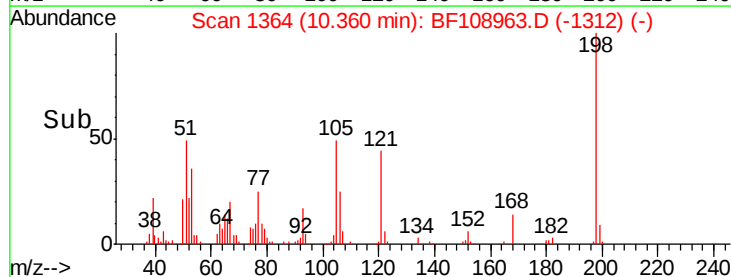
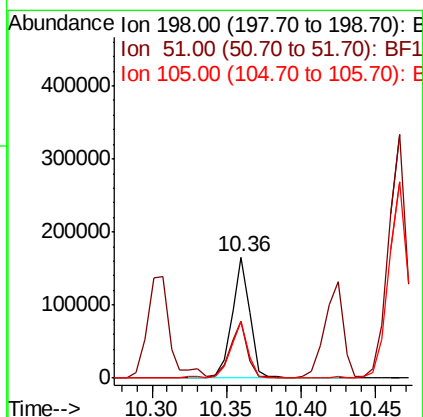
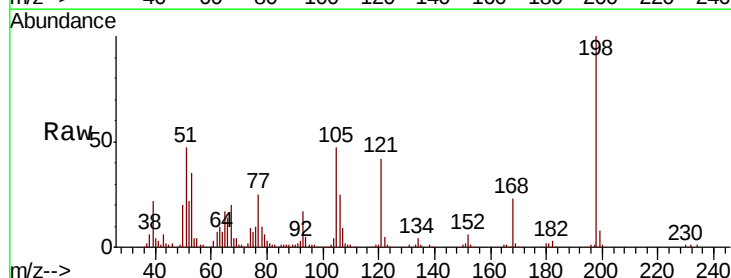
Instrument :
BNA_F
ClientSampled :

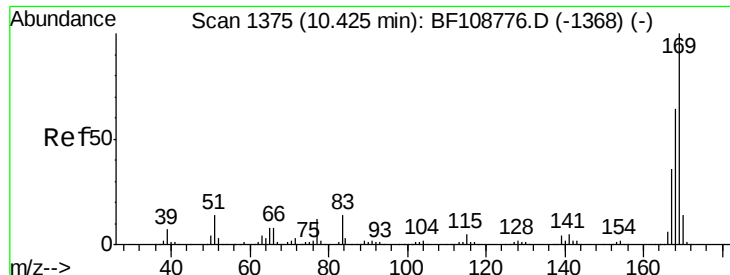
Tot Ion:188 Resp: 679126
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.326 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:198 Resp: 138558
Ion Ratio Lower Upper
198 100
51 47.3 37.7 77.7
105 47.1 36.3 76.3

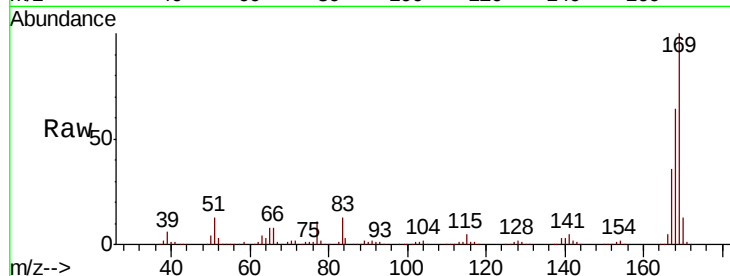




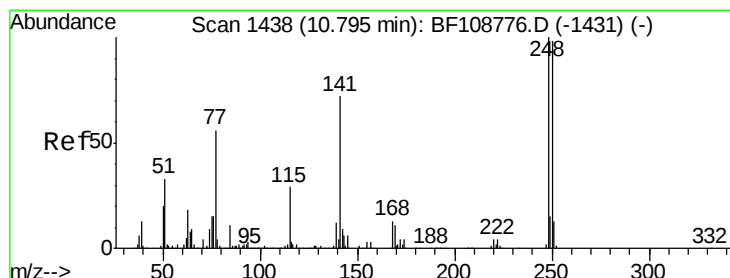
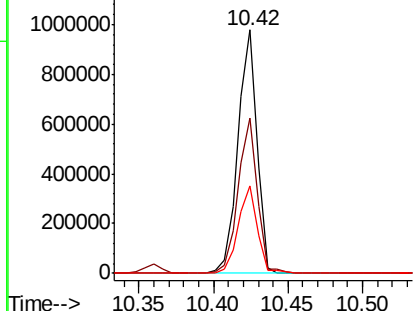
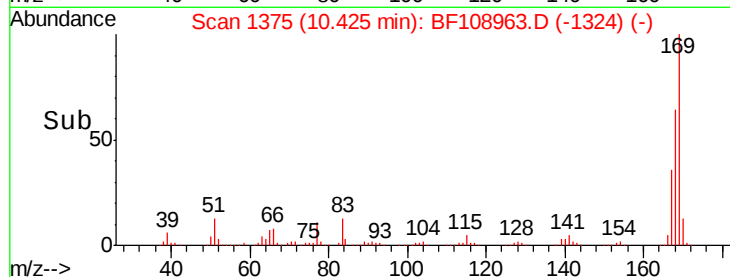
#65
 n-Nitrosodiphenylamine
 Concen: 38.690 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.6	54.4	81.6
167	35.8	29.8	44.6

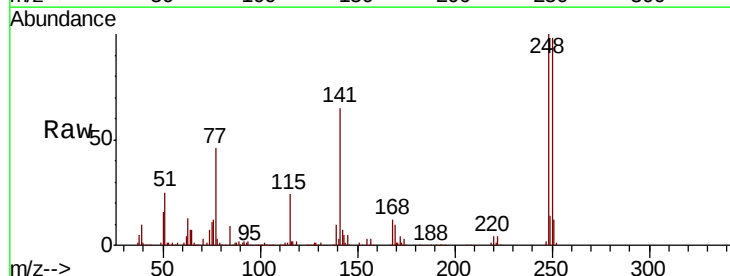


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

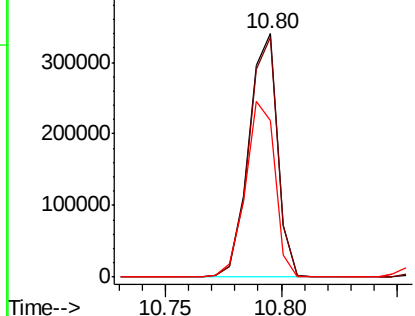
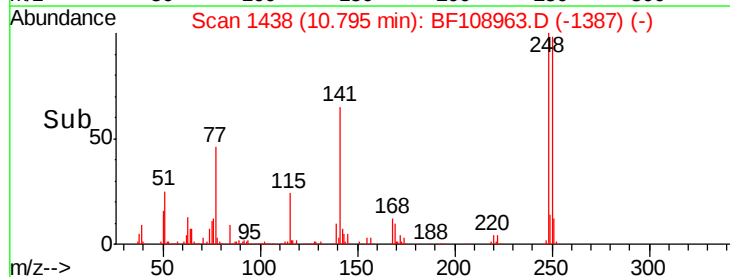


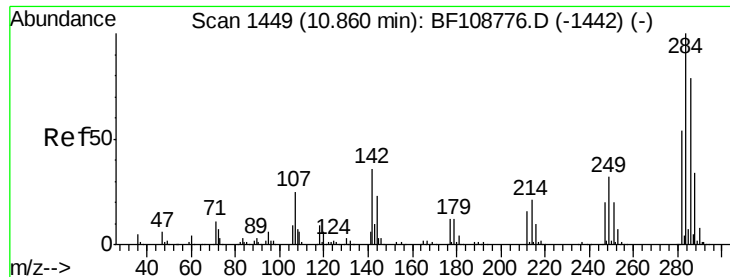
#66
 4-Bromophenyl-phenylether
 Concen: 38.748 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	64.6	74.4	111.6#



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

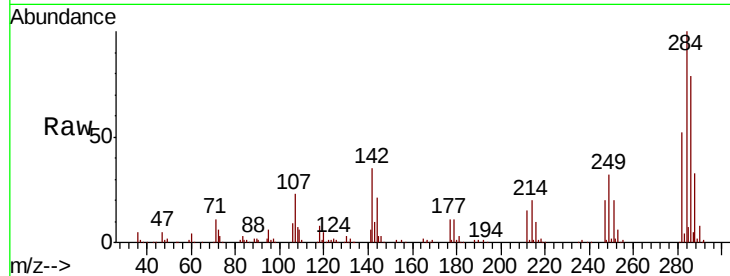




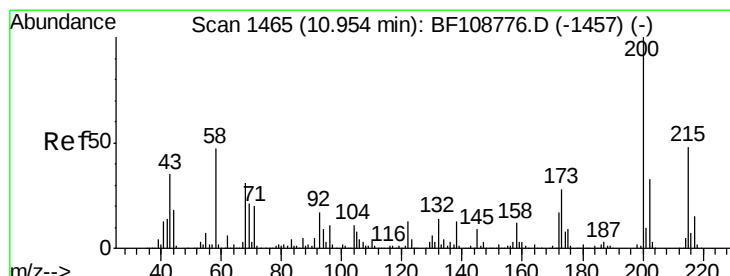
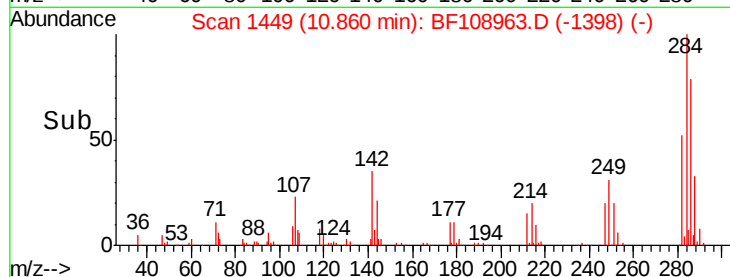
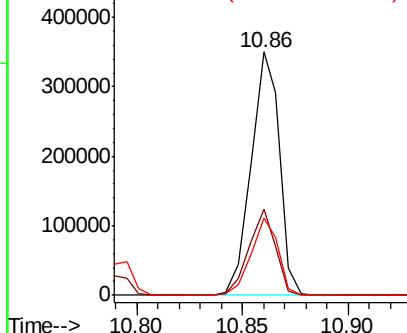
#67
Hexachlorobenzene
Concen: 39.781 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 325731
Ion Ratio Lower Upper
284 100
142 35.3 34.6 52.0
249 31.5 24.8 37.2

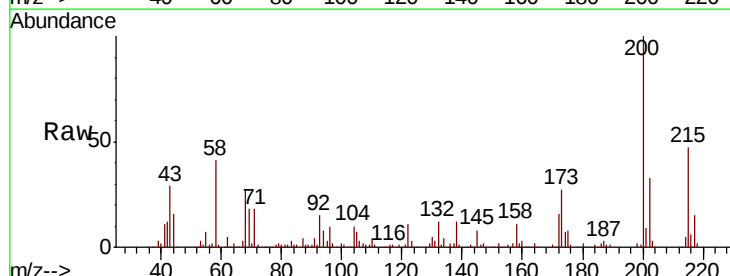


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

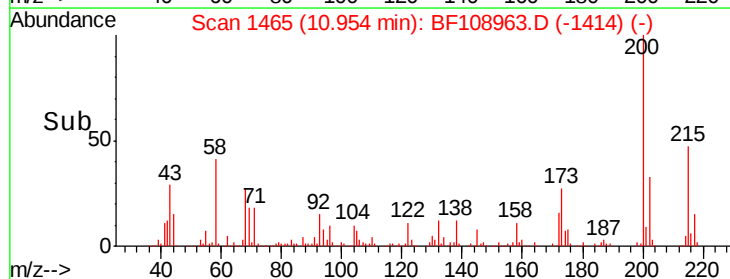
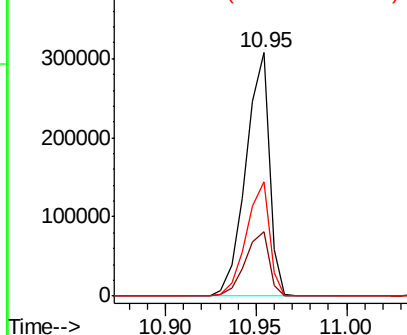


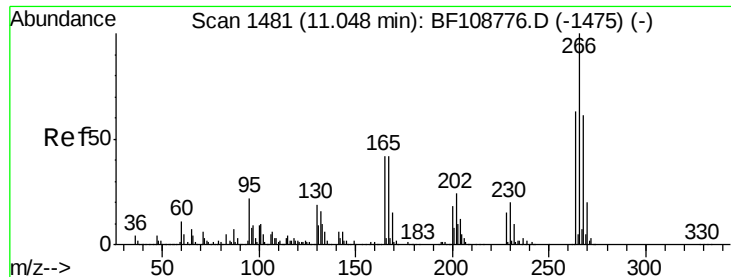
#68
Atrazine
Concen: 38.429 ng
RT: 10.95 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:200 Resp: 277781
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 46.9 25.1 65.1



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

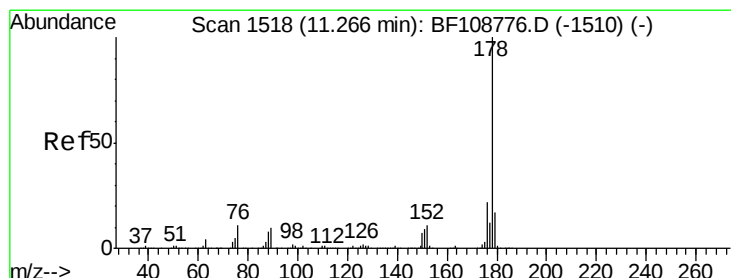
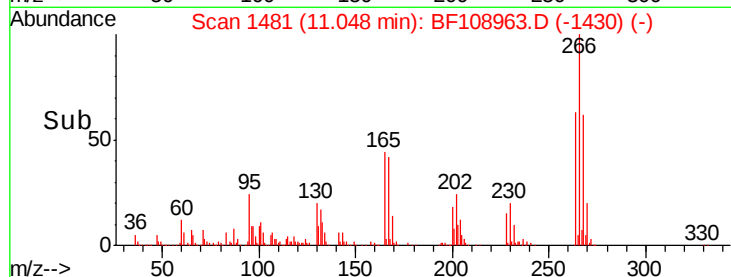
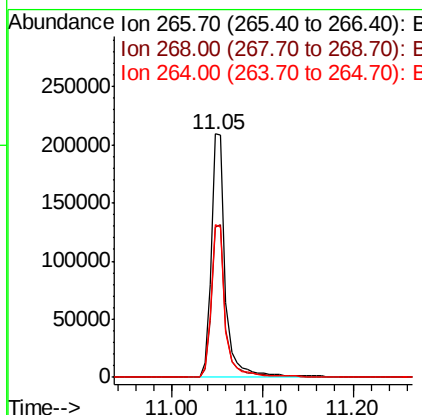
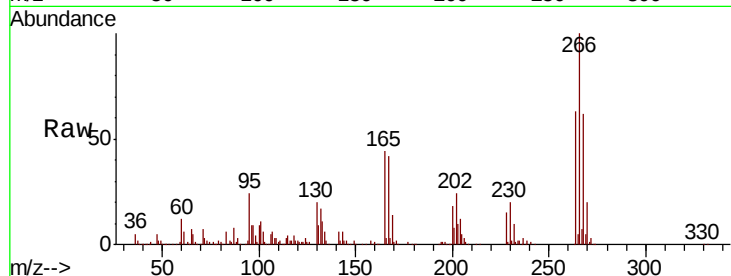




#69
 Pentachlorophenol
 Concen: 46.375 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

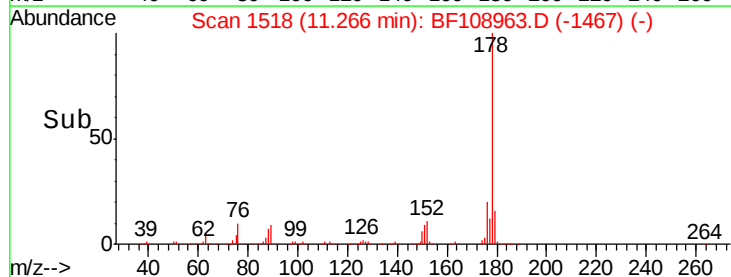
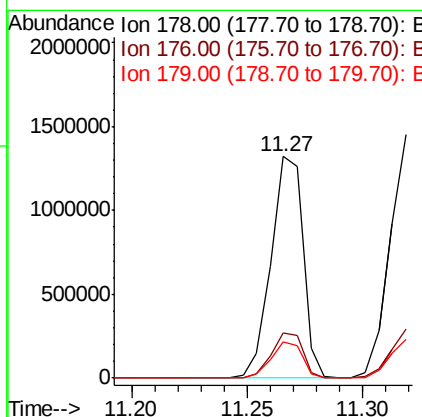
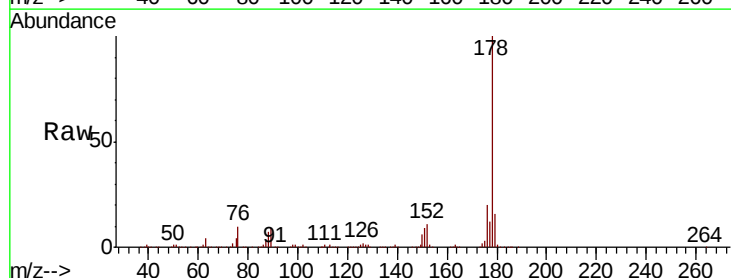
Instrument :
 BNA_F
 ClientSampleId :

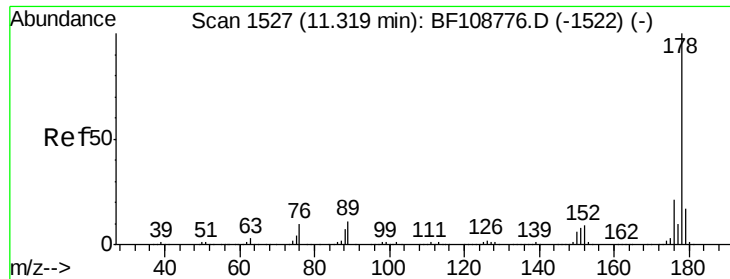
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.6	49.5	74.3



#70
 Phenanthrene
 Concen: 39.170 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.4	13.0	19.6

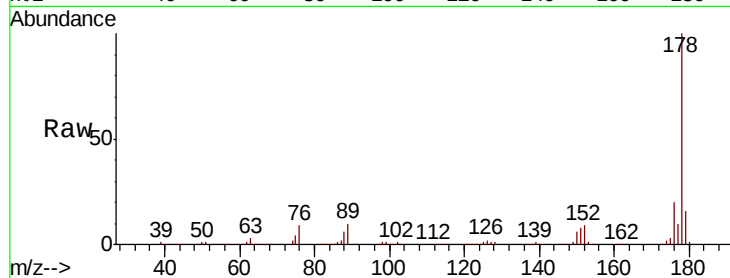




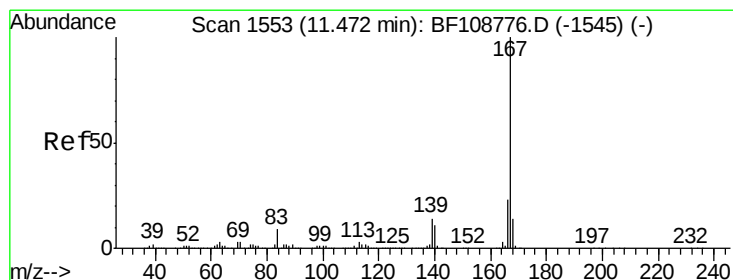
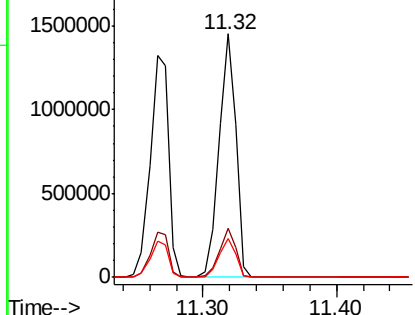
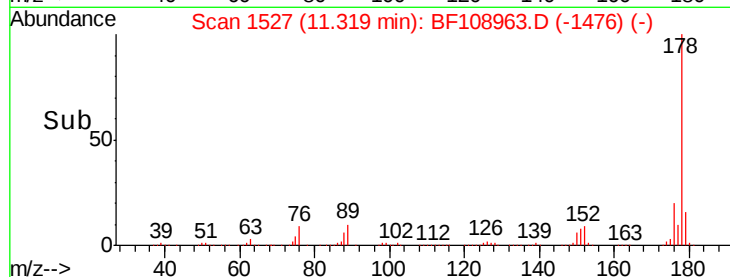
#71
 Anthracene
 Concen: 41.821 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1298598
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 15.9 12.6 19.0

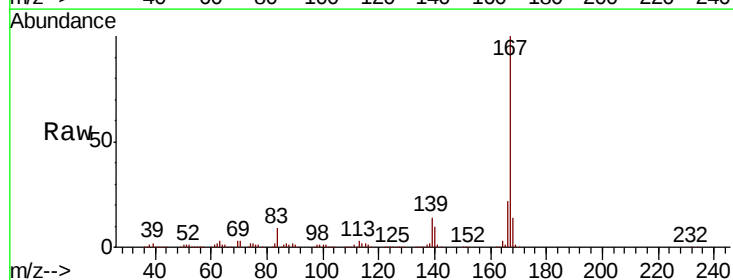


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

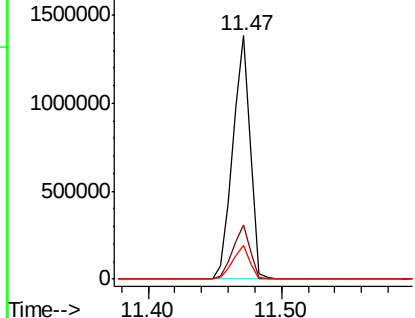
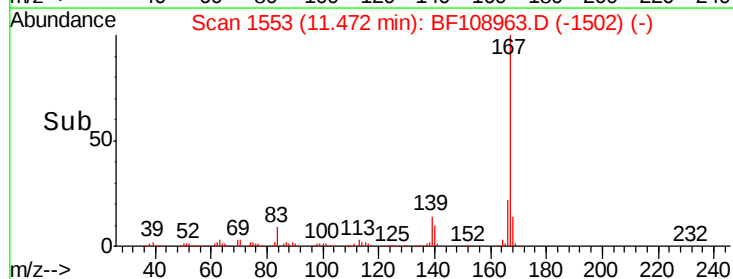


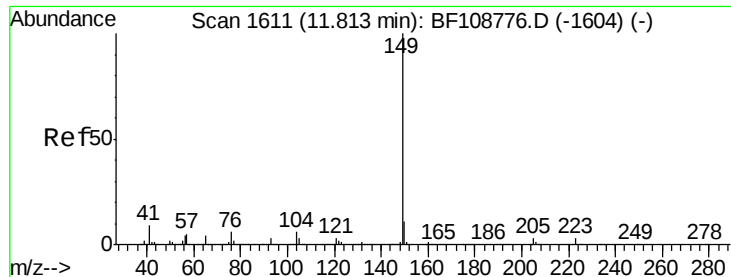
#72
 Carbazole
 Concen: 39.131 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:167 Resp: 1279634
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 40.327 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

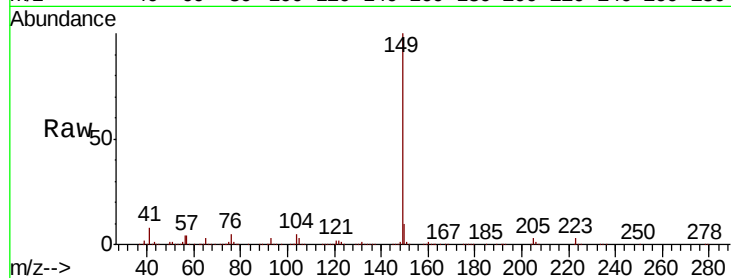
Tot Ion:149 Resp: 1464456

Ion Ratio Lower Upper

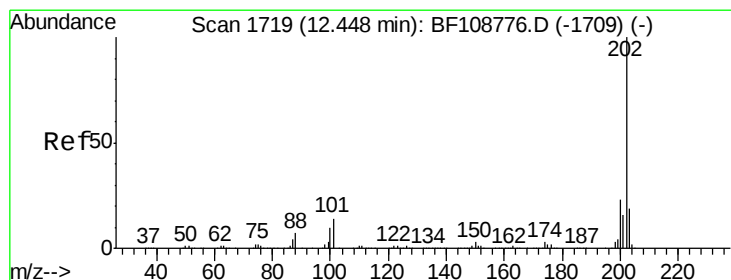
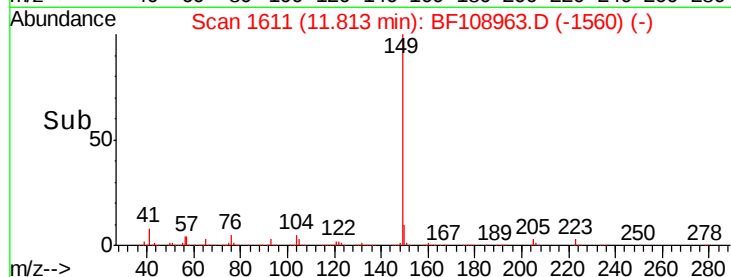
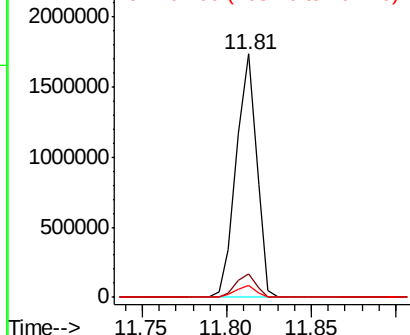
149 100

150 9.8 7.8 11.6

104 4.9 3.8 5.8



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



#74

Fluoranthene

Concen: 41.238 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

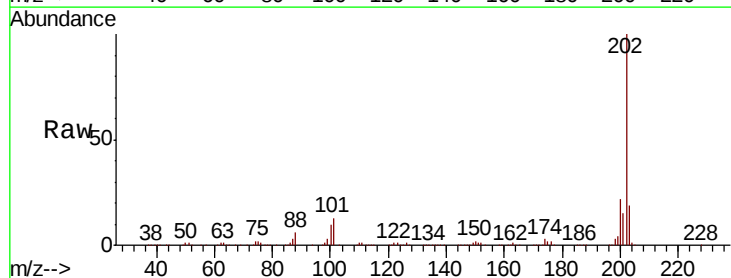
Tgt Ion:202 Resp: 1324151

Ion Ratio Lower Upper

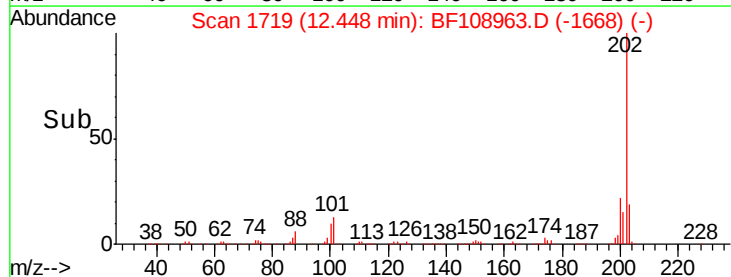
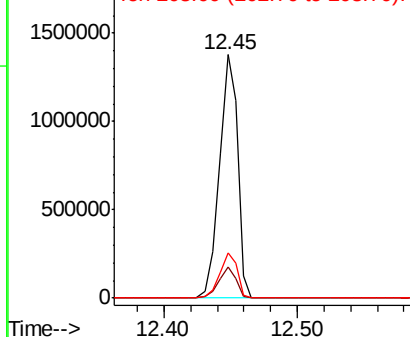
202 100

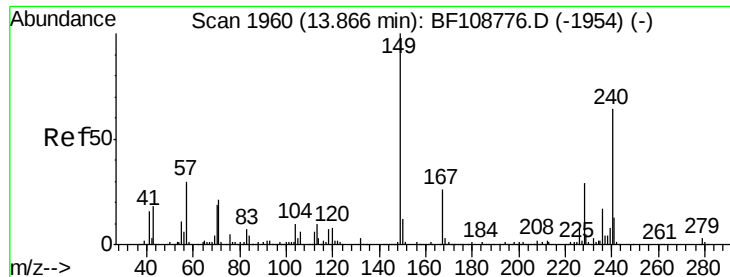
101 12.7 0.0 34.1

203 18.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

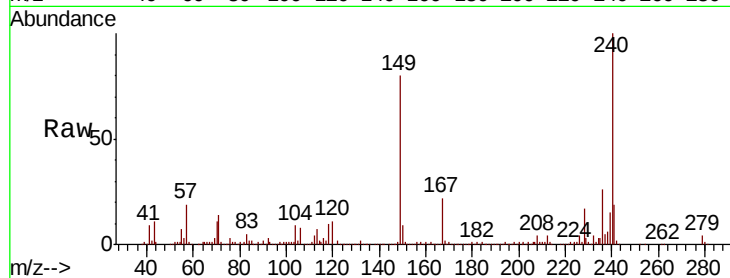
Tot Ion:240 Resp: 445091

Ion Ratio Lower Upper

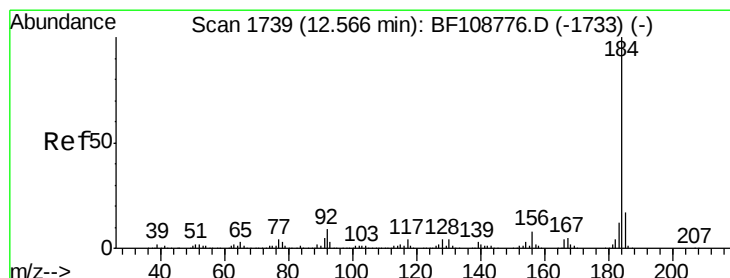
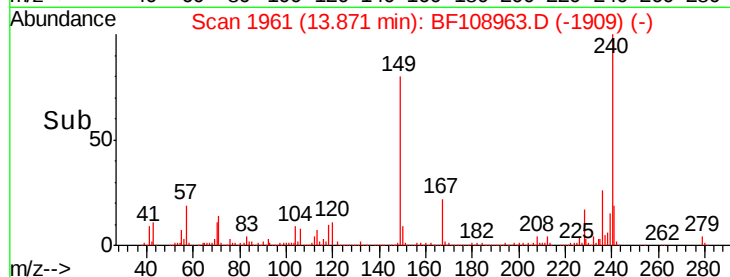
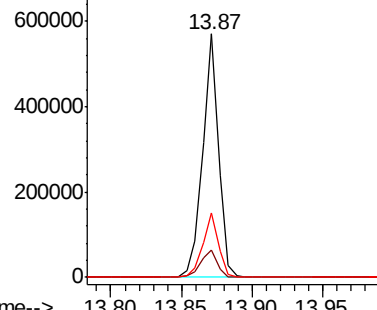
240 100

120 11.3 9.5 14.3

236 26.2 20.7 31.1



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



#76

Benzidine

Concen: 35.837 ng

RT: 12.57 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

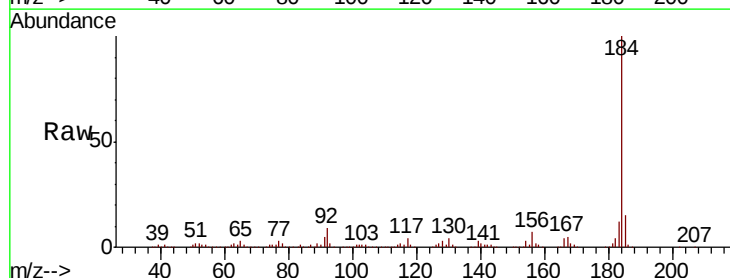
Tgt Ion:184 Resp: 756012

Ion Ratio Lower Upper

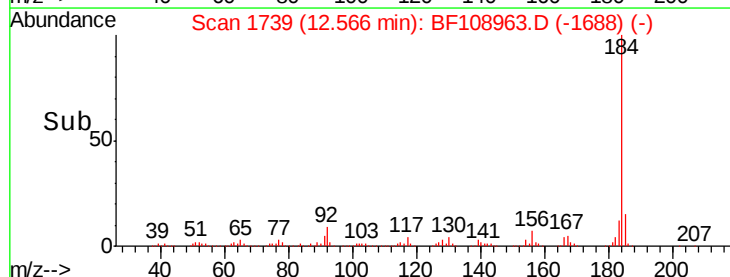
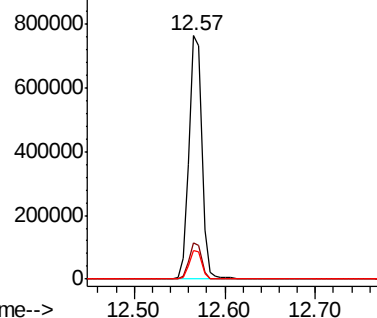
184 100

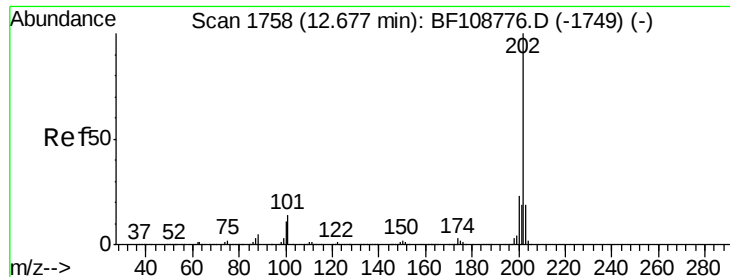
185 14.9 12.6 18.8

183 11.8 9.3 13.9



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





#77

Pvrene

Concen: 39.836 ng

RT: 12.68 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

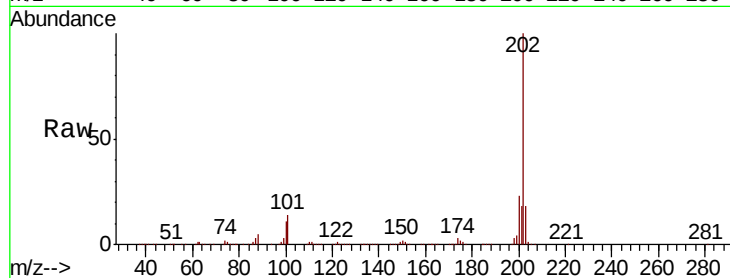
Tot Ion:202 Resp: 1364338

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

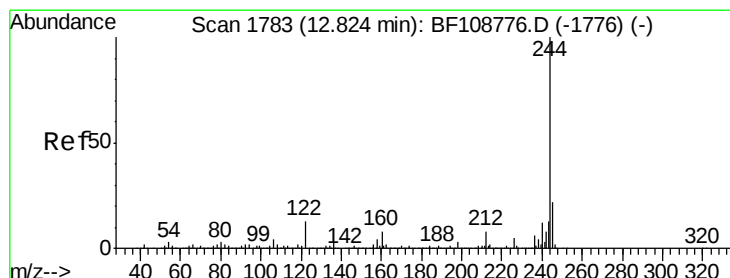
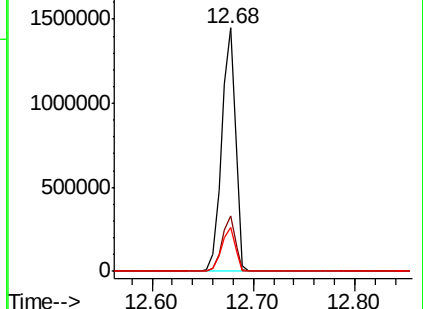
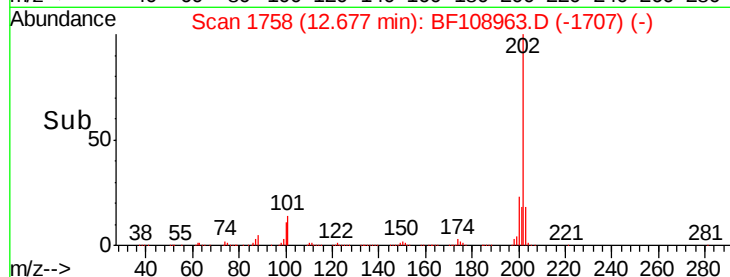
203 18.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.429 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

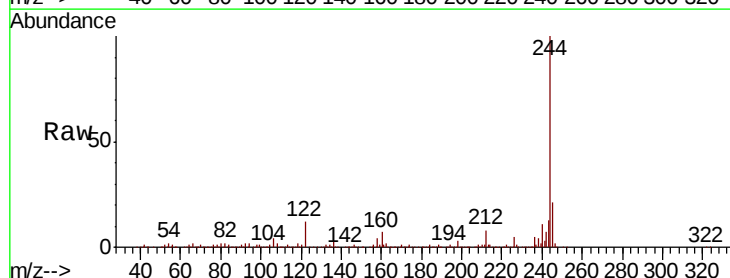
Tgt Ion:244 Resp: 1477896

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

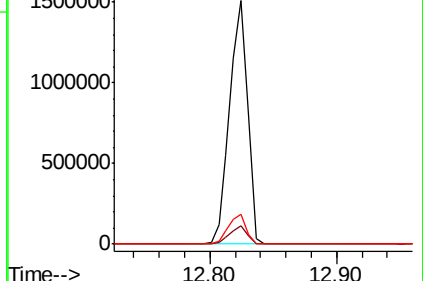
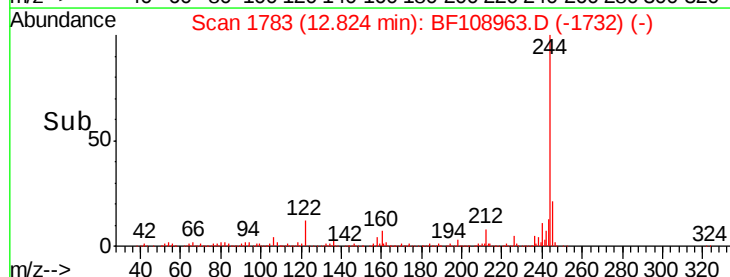
122 12.2 11.0 16.4

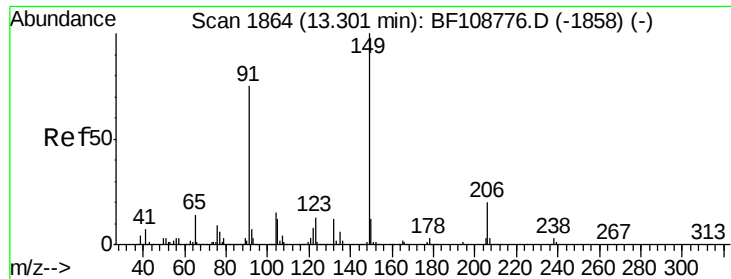


Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

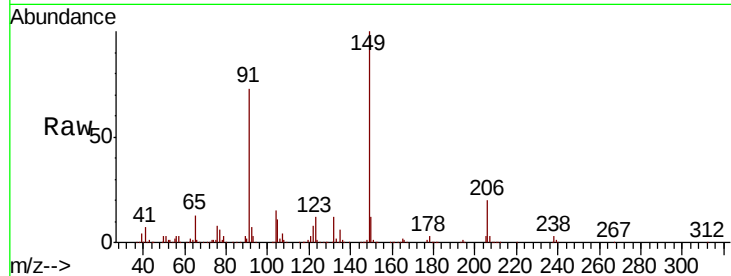




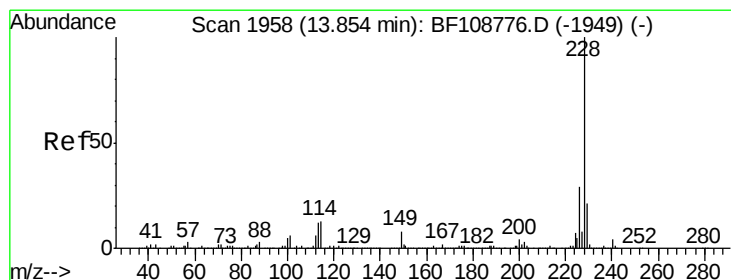
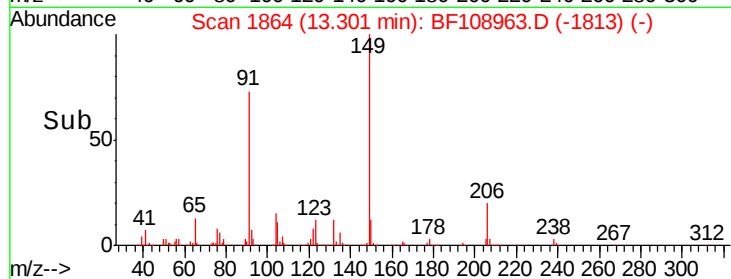
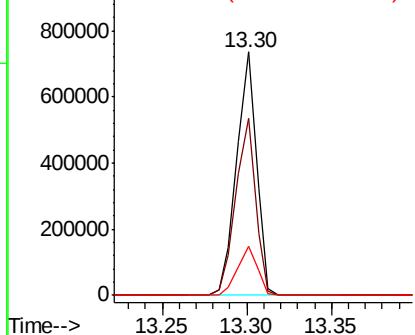
#79
Butylbenzylphthalate
Concen: 39.261 ng
RT: 13.30 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 605528
Ion Ratio Lower Upper
149 100
91 72.8 56.8 85.2
206 20.1 14.1 21.1

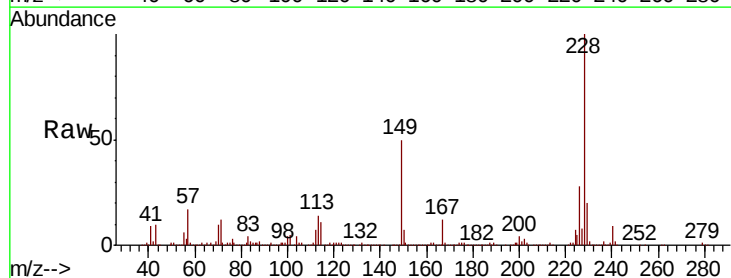


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

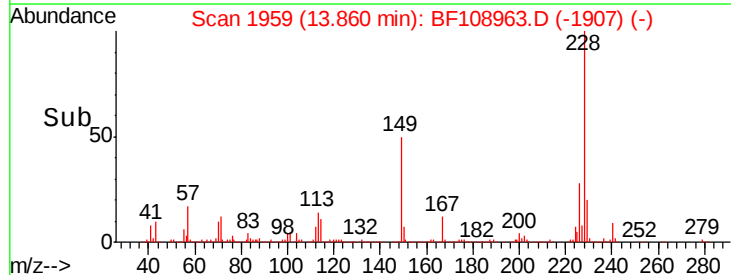
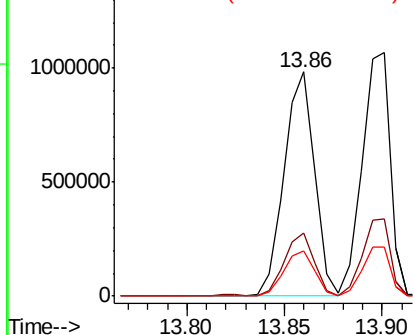


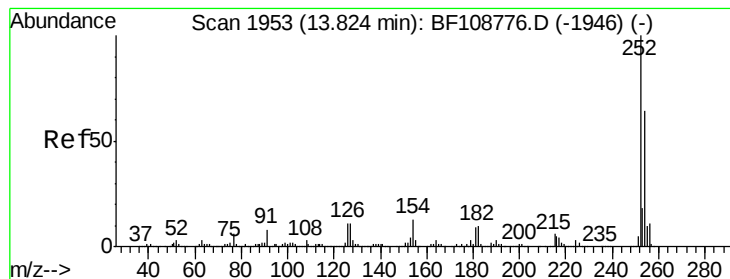
#80
Benzo(a)anthracene
Concen: 37.198 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:228 Resp: 1061211
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.0 15.8 23.6



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

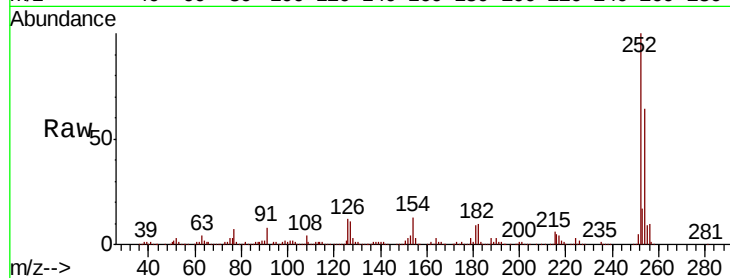




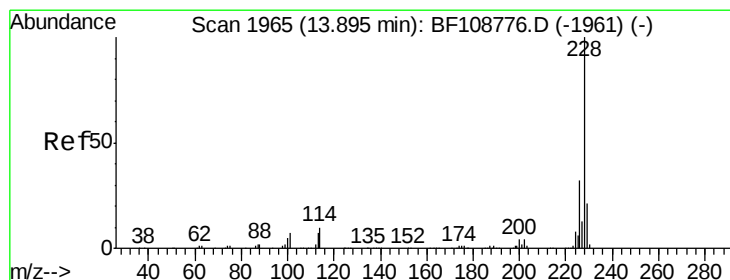
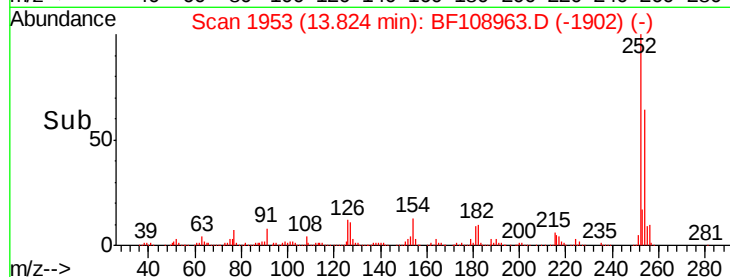
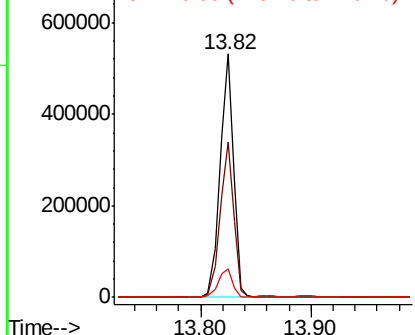
#81
 3,3'-Dichlorobenzidine
 Concen: 40.808 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 453585
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 11.9 11.3 16.9

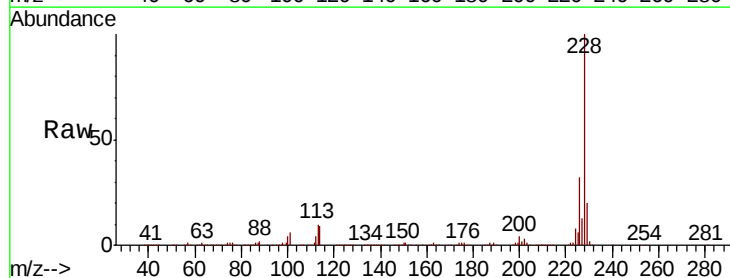


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

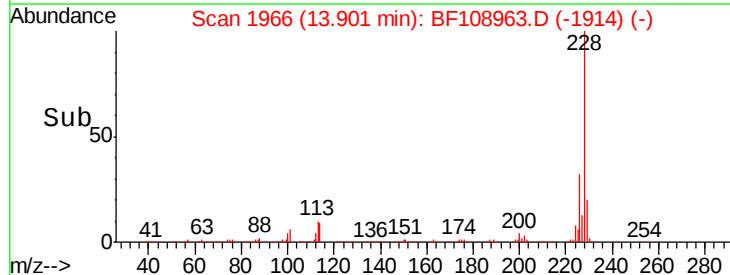
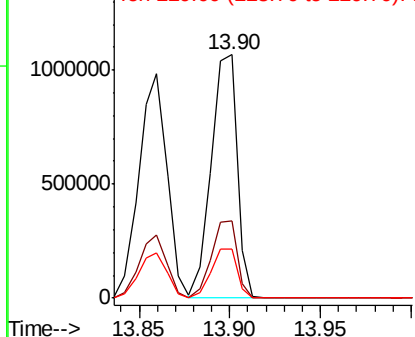


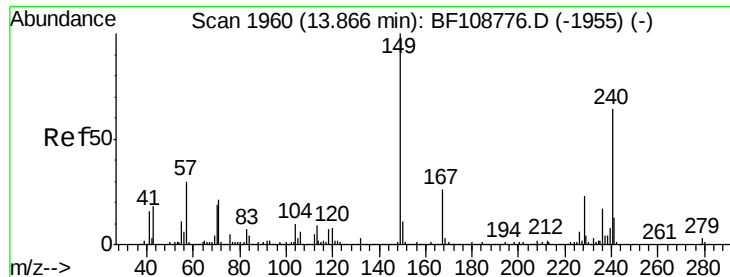
#82
 Chrysene
 Concen: 38.482 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:228 Resp: 1062800
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.4 16.2 24.4



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

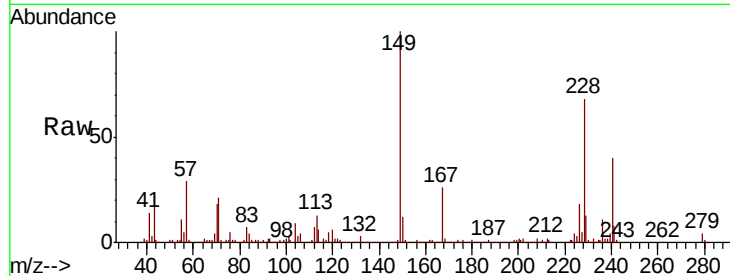




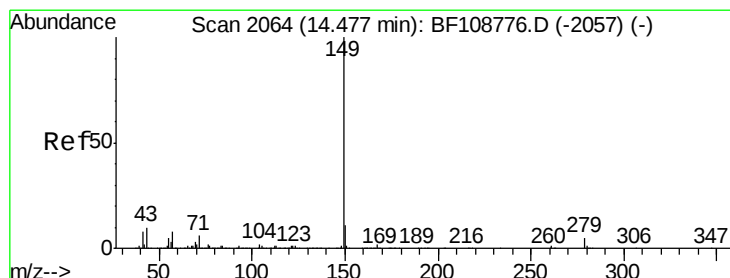
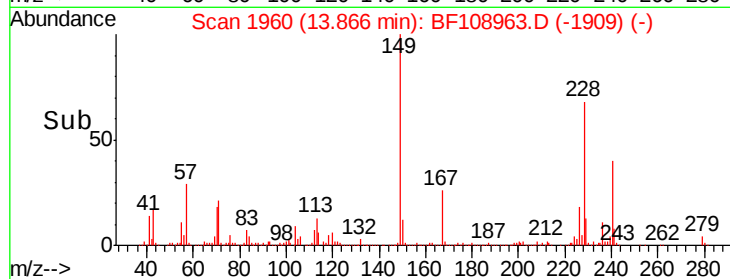
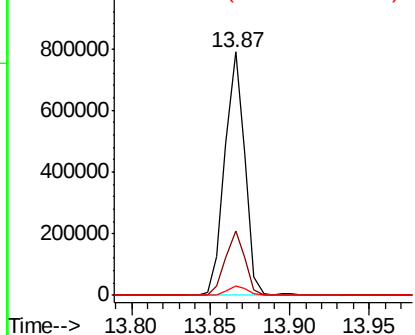
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.552 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 689082
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.9 3.0 4.4

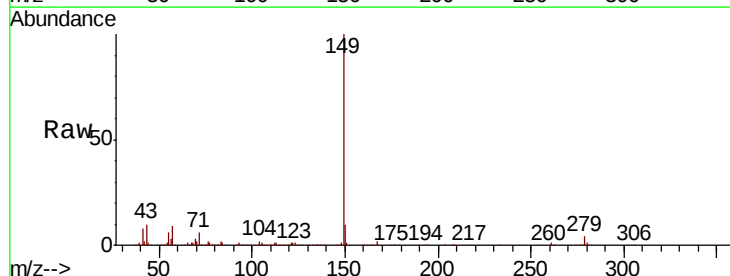


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

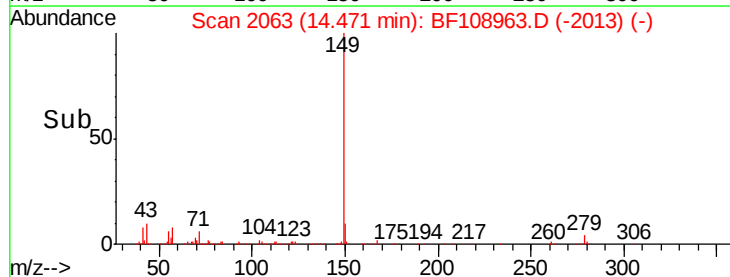
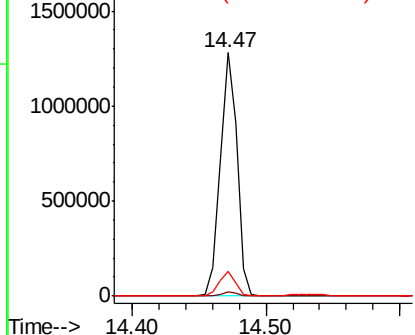


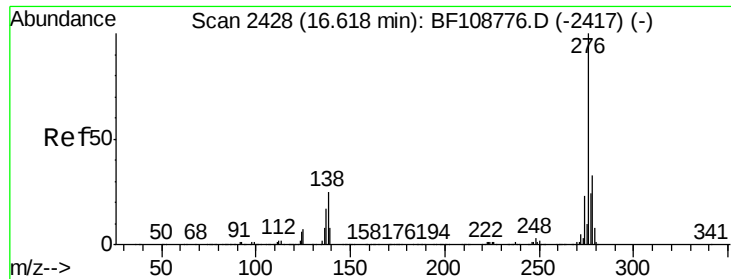
#84
 Di-n-octyl phthalate
 Concen: 35.420 ng
 RT: 14.47 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion:149 Resp: 1144566
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

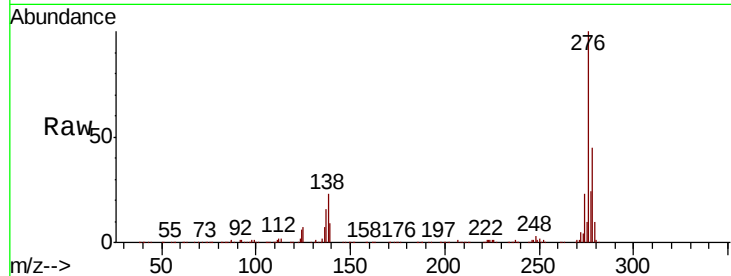




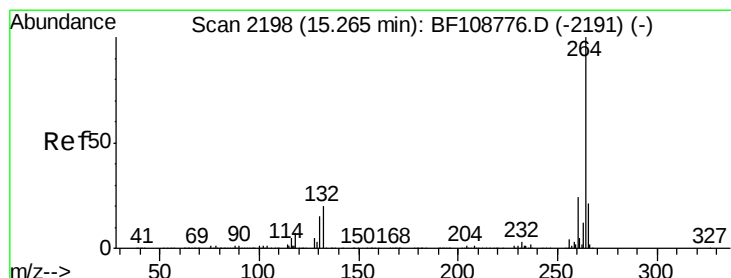
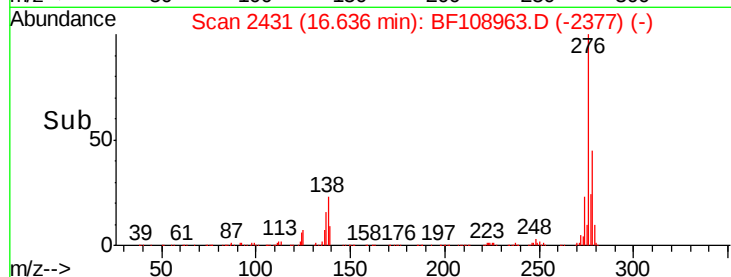
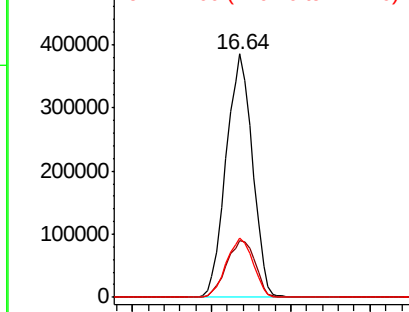
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.248 ng
 RT: 16.64 min Scan# 2431
 Delta R.T. 0.02 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	25.1	20.1	30.1

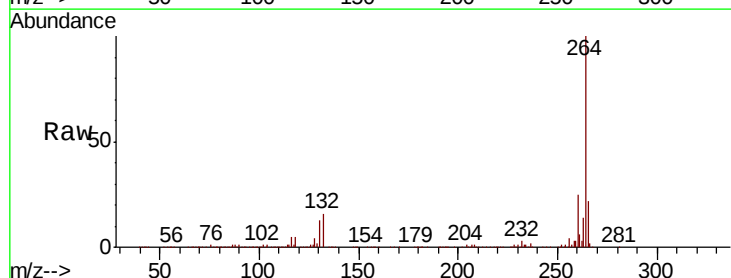


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

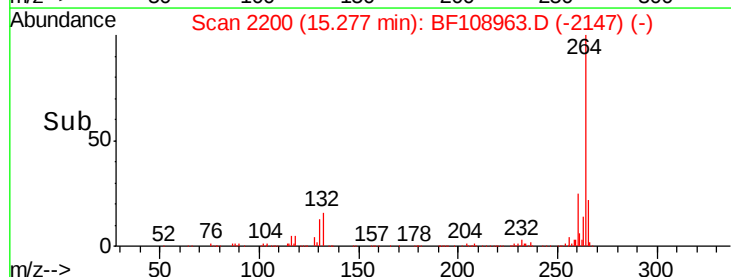
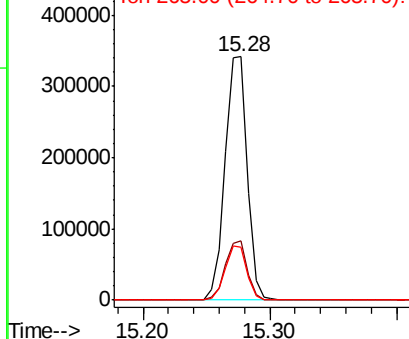


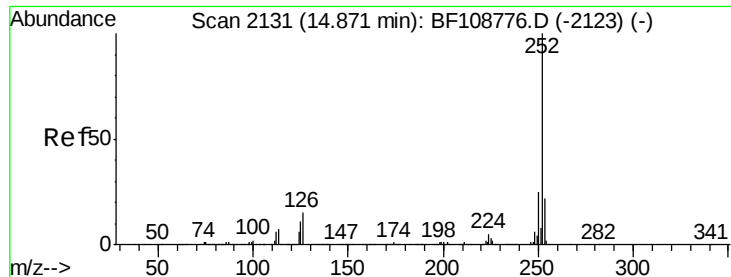
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3



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

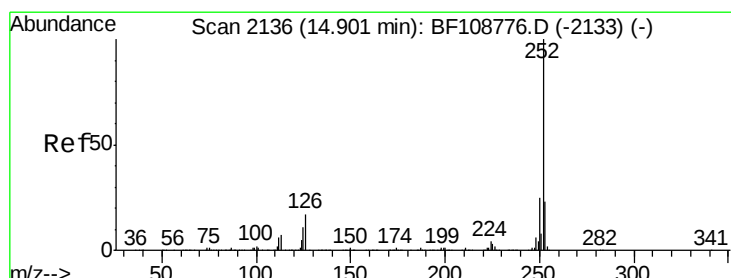
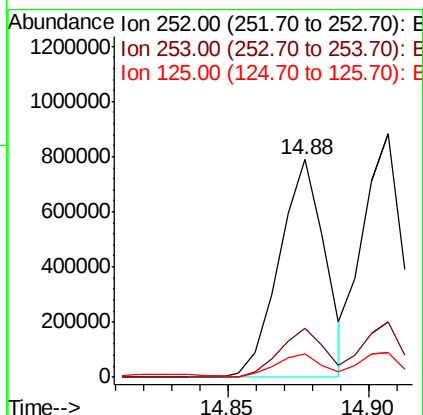
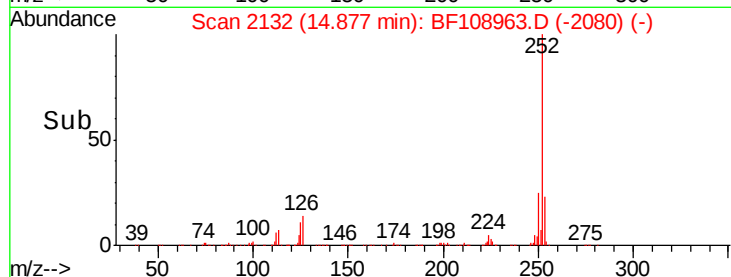
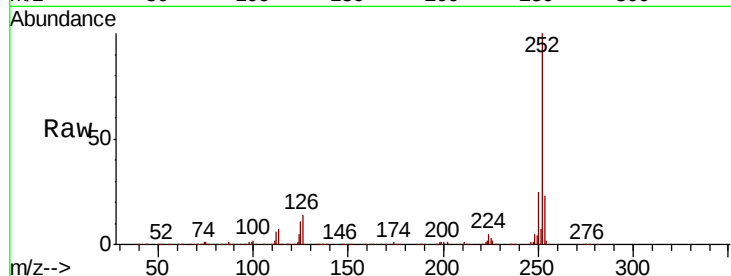




#87
Benzo(b)fluoranthene
Concen: 39.633 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

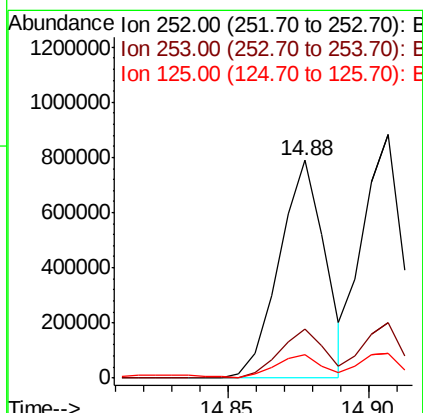
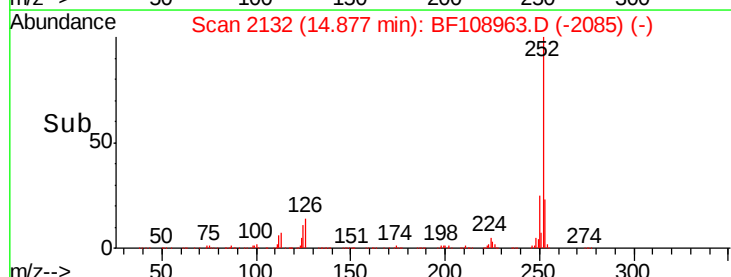
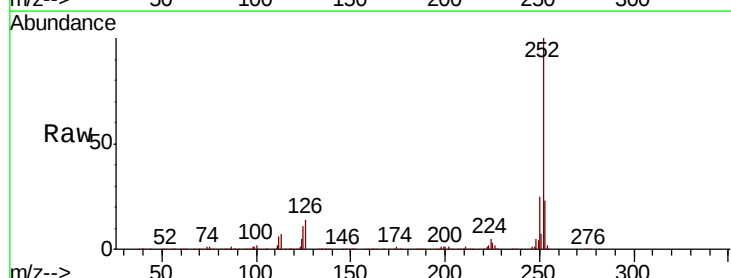
Instrument :
BNA_F
ClientSampled :

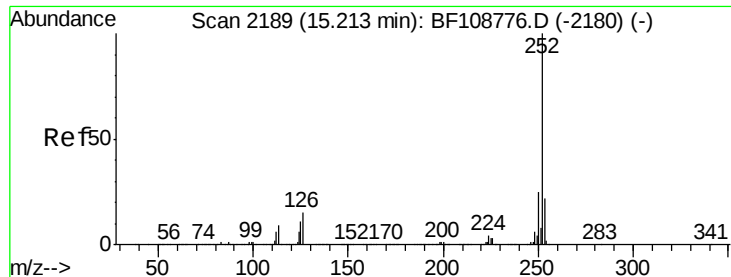
Tot Ion:252 Resp: 886772
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.038 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108963.D
Acq: 13 Sep 2018 14:42

Tgt Ion:252 Resp: 886772
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.976 ng

RT: 15.22 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

Instrument :

BNA_F

ClientSampleId :

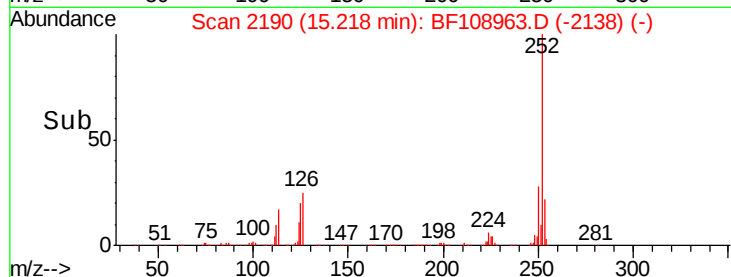
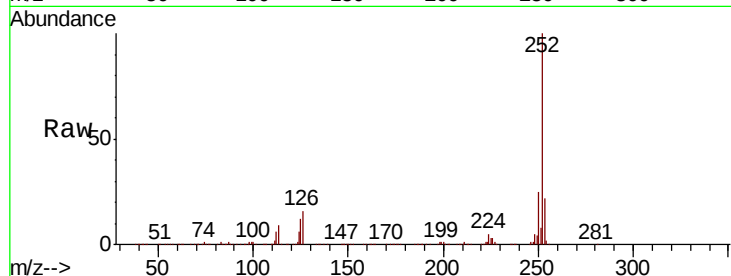
Tot Ion:252 Resp: 807060

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

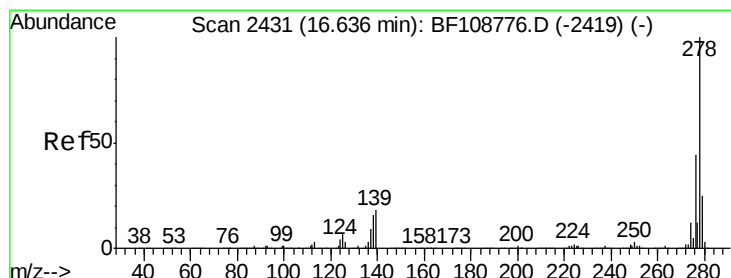
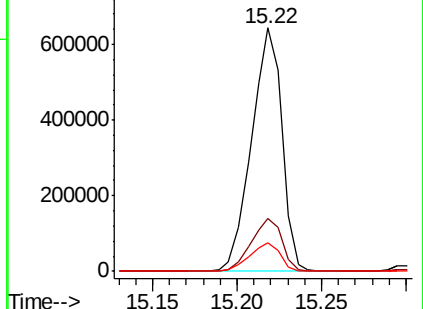
125 11.9 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 40.961 ng

RT: 16.65 min Scan# 2434

Delta R.T. 0.02 min

Lab File: BF108963.D

Acq: 13 Sep 2018 14:42

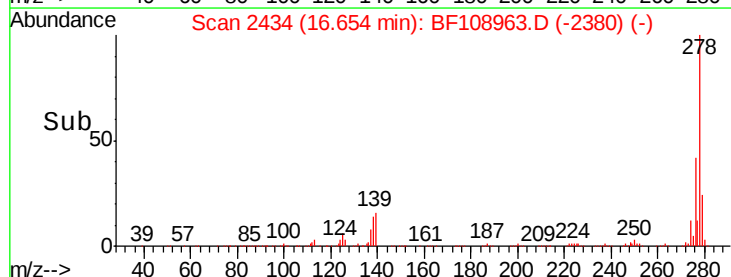
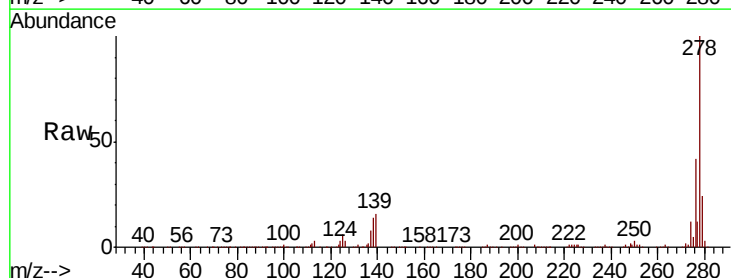
Tgt Ion:278 Resp: 728662

Ion Ratio Lower Upper

278 100

139 15.9 15.9 23.9#

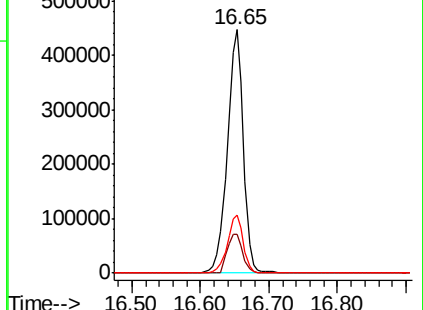
279 23.7 19.0 28.4

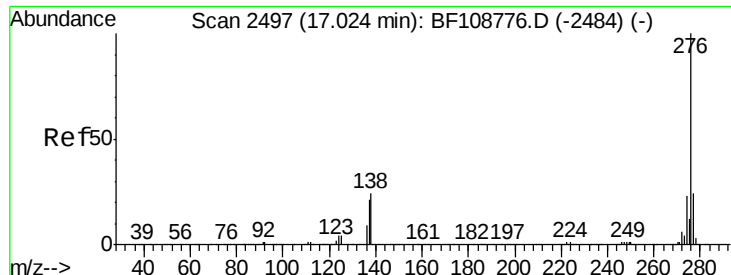


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

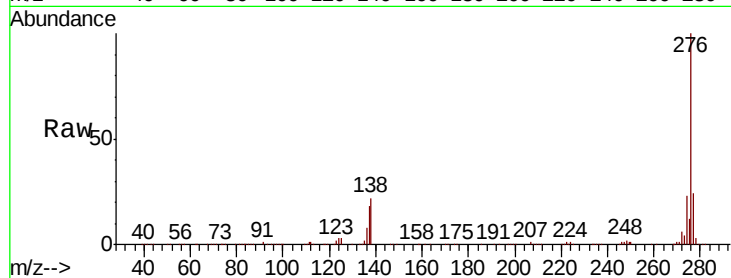




#91
 Benzo(a,h,i)perylene
 Concen: 42.429 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108963.D
 Acq: 13 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	21.9	21.8	32.8



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

