

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098463.D
 Acq On : 12 Sep 2017 21:14
 Operator : SJ/JU
 Sample : I5140-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Quant Time: Sep 13 01:01:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	191339	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	757326	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	295491	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	470733	20.00	ng	0.00
75) Chrysene-d12	13.82	240	337917	20.00	ng	0.00
86) Perylene-d12	15.22	264	275207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1265003	97.75	ng	0.00
7) Phenol-d6	6.32	99	1545258	94.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	949097	69.87	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	193988	98.36	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1327522	76.15	ng	-0.01
78) Terphenyl-d14	12.76	244	932215	59.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	191836	28.720	ng	89
3) Pyridine	3.03	79	491876	27.730	ng	# 82
4) n-Nitrosodimethylamine	2.99	42	262317	30.164	ng	96
6) Aniline	6.33	93	400397	19.424	ng	# 14
8) 2-Chlorophenol	6.46	128	462306	32.487	ng	98
9) Benzaldehyde	6.21	77	101355	9.436	ng	88
10) Phenol	6.33	94	626764	32.841	ng	90
11) bis(2-Chloroethyl)ether	6.40	93	476651	33.125	ng	93
12) 1,3-Dichlorobenzene	6.60	146	469071	32.749	ng	98
13) 1,4-Dichlorobenzene	6.68	146	473560	32.278	ng	94
14) 1,2-Dichlorobenzene	6.83	146	446395	33.397	ng	98
15) Benzyl Alcohol	6.82	79	378361	34.600	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	759644	32.085	ng	59
17) 2-Methylphenol	6.94	107	366279	31.565	ng	# 90
18) Hexachloroethane	7.17	117	147843	26.313	ng	# 83
19) n-Nitroso-di-n-propylamine	7.09	70	337803	32.684	ng	96
20) 3+4-Methylphenols	7.09	107	503509	34.384	ng	# 65
22) Acetophenone	7.08	105	661772	33.810	ng	# 92
24) Nitrobenzene	7.25	77	502211	32.456	ng	99
25) Isophorone	7.49	82	889146	32.350	ng	100
26) 2-Nitrophenol	7.57	139	205681	32.922	ng	# 84
27) 2,4-Dimethylphenol	7.62	122	363998	30.563	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	582842	34.753	ng	100
29) 2,4-Dichlorophenol	7.82	162	348090	35.142	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	373388	34.654	ng	99
31) Naphthalene	7.97	128	1299081	34.699	ng	100
32) Benzoic acid	7.72	122	20295	10.088	ng	96
33) 4-Chloroaniline	8.03	127	321042	21.099	ng	99
34) Hexachlorobutadiene	8.09	225	186677	33.749	ng	98
35) Caprolactam	8.39	113	100342	29.377	ng	# 73
36) 4-Chloro-3-methylphenol	8.52	107	373001	30.365	ng	84
37) 2-Methylnaphthalene	8.66	142	801196	35.329	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	320713	34.843	ng	99
40) Hexachlorocyclopentadiene	8.81	237	32467	20.396	ng	97

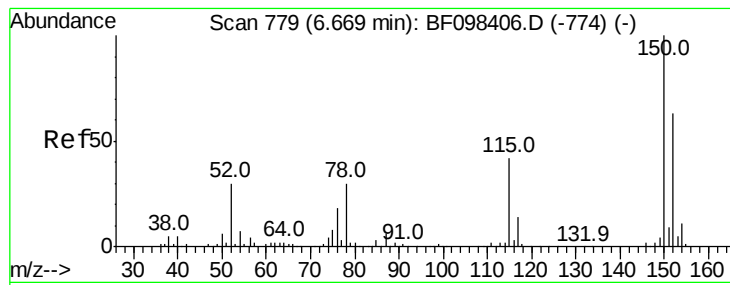
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	205414	37.994	nq	92
43) 2,4,5-Trichlorophenol	8.99	196	203708	36.049	nq	97
45) 1,1'-Biphenyl	9.12	154	918097	34.713	nq	97
46) 2-Chloronaphthalene	9.15	162	675200	35.746	nq #	91
47) 2-Nitroaniline	9.25	65	263013	36.279	nq	95
48) Acenaphthylene	9.56	152	979382	34.872	nq	99
49) Dimethylphthalate	9.43	163	991813	43.361	nq	99
50) 2,6-Dinitrotoluene	9.49	165	163423	34.782	nq #	70
51) Acenaphthene	9.73	154	600794	33.653	nq	97
52) 3-Nitroaniline	9.66	138	178846	31.533	nq	97
53) 2,4-Dinitrophenol	9.79	184	5710	10.822	nq #	78
54) Dibenzofuran	9.90	168	839664	35.702	nq	99
55) 4-Nitrophenol	9.85	139	193774	59.467	nq #	54
56) 2,4-Dinitrotoluene	9.90	165	180207	31.548	nq #	50
57) Fluorene	10.24	166	643481	33.056	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	138915	36.579	nq	96
59) Diethylphthalate	10.13	149	761556	35.009	nq	97
60) 4-Chlorophenyl-phenylether	10.24	204	313768	34.897	nq	88
61) 4-Nitroaniline	10.27	138	181444	31.678	nq	89
62) Azobenzene	10.40	77	730102	31.141	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	15490	9.774	nq	90
65) n-Nitrosodiphenylamine	10.36	169	579620	37.921	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	171765	38.446	nq	93
67) Hexachlorobenzene	10.79	284	160316	35.376	nq #	83
68) Atrazine	10.89	200	168409	35.789	nq	96
69) Pentachlorophenol	10.99	266	112197	58.018	nq	94
70) Phenanthrene	11.20	178	942078	37.751	nq	98
71) Anthracene	11.26	178	907383	35.415	nq	98
72) Carbazole	11.42	167	806054	33.757	nq	98
73) Di-n-butylphthalate	11.74	149	1041545	36.406	nq	99
74) Fluoranthene	12.39	202	958794	38.380	nq	98
76) Benzidine	12.52	184	269114	17.995	nq #	93
77) Pyrene	12.62	202	973364	36.514	nq	100
79) Butylbenzylphthalate	13.24	149	417787	36.127	nq #	80
80) Benzo(a)anthracene	13.80	228	729287	36.811	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	234912	30.511	nq #	97
82) Chrysene	13.84	228	708259	35.367	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	566592	39.038	nq #	99
84) Di-n-octyl phthalate	14.40	149	982770	39.466	nq	96
85) Indeno(1,2,3-cd)pyrene	16.56	276	480318	34.186	nq	99
87) Benzo(b)fluoranthene	14.82	252	620286	35.846	nq	97
88) Benzo(k)fluoranthene	14.84	252	561943	34.785	nq	98
89) Benzo(a)pyrene	15.16	252	539540	34.998	nq	97
90) Dibenzo(a,h)anthracene	16.57	278	401604	35.811	nq	98
91) Benzo(g,h,i)perylene	16.96	276	384938	34.127	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF098463.D

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RL-5-0-13.75MSD

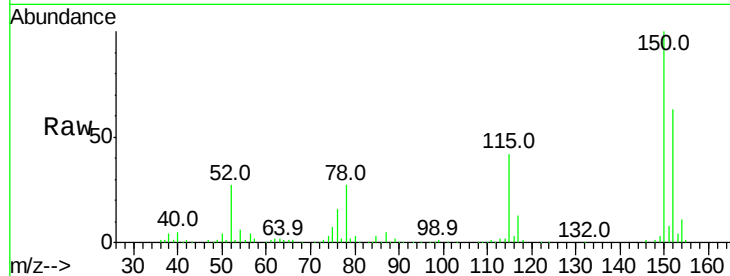
Tot Ion:152 Resp: 191339

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

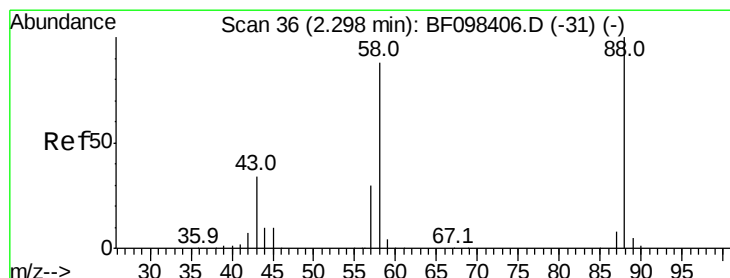
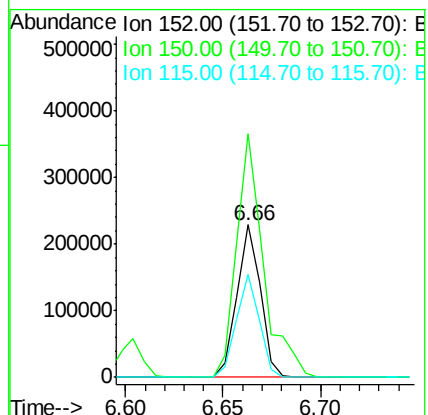
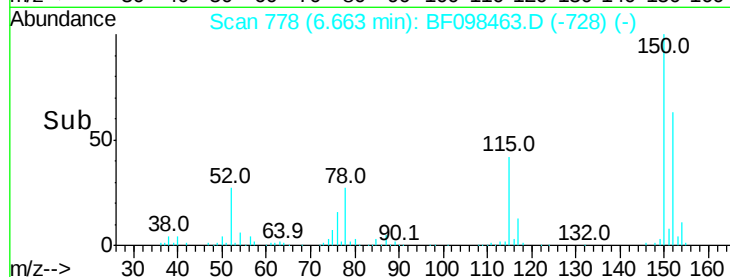
115 67.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.720 ng

RT: 2.35 min Scan# 44

Delta R.T. 0.05 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

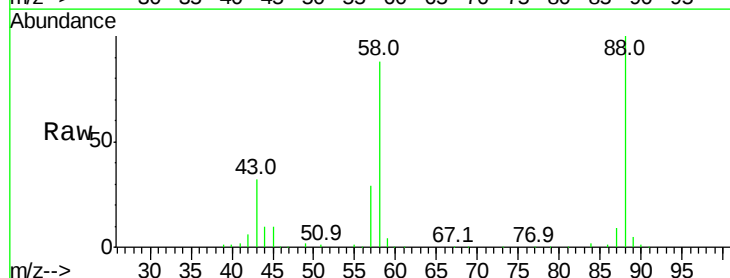
Tgt Ion: 88 Resp: 191836

Ion Ratio Lower Upper

88 100

58 87.4 61.4 92.0

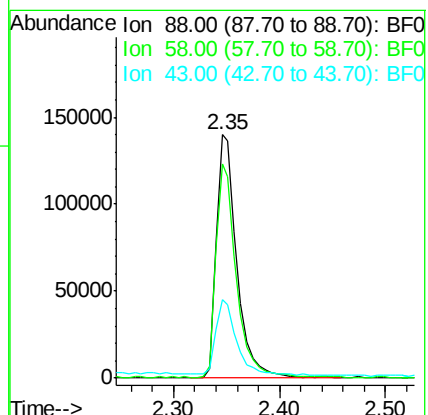
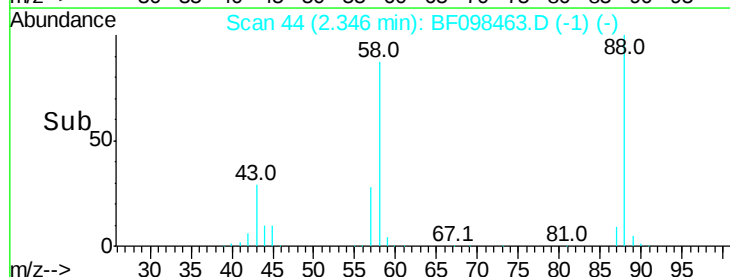
43 32.9 23.4 35.0

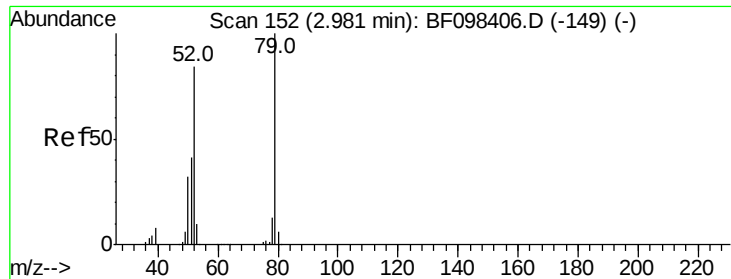


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.730 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.05 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

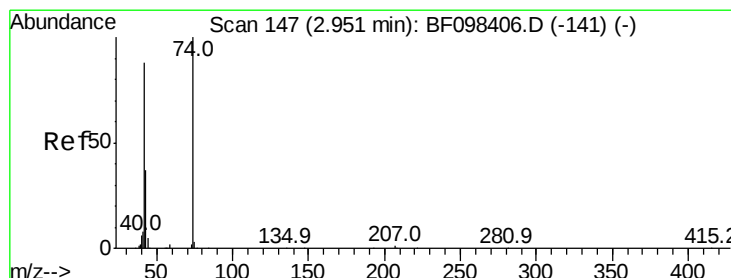
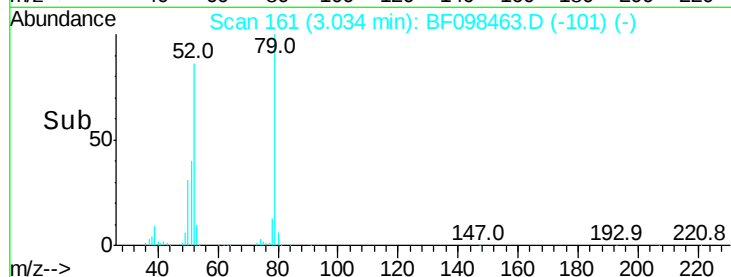
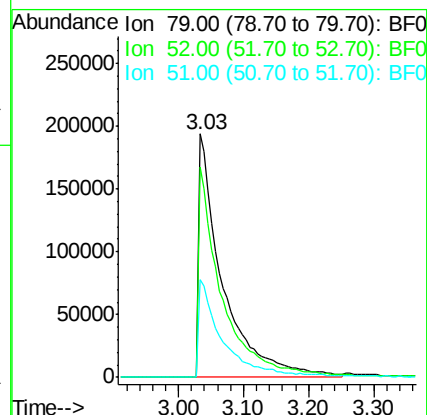
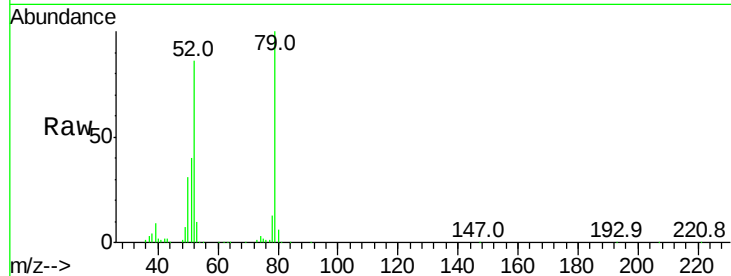
Tot Ion: 79 Resp: 491876

Ion Ratio Lower Upper

79 100

52 86.3 54.8 82.2#

51 40.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 30.164 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.04 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

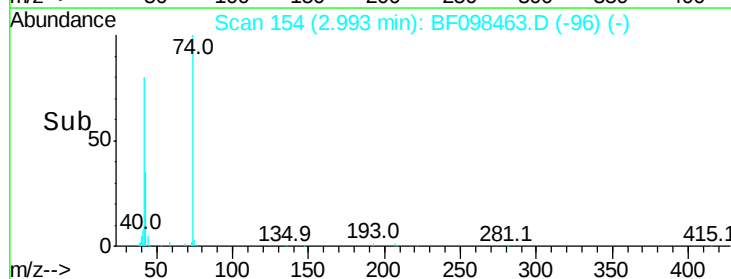
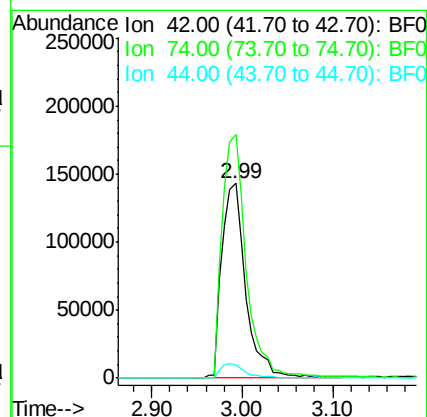
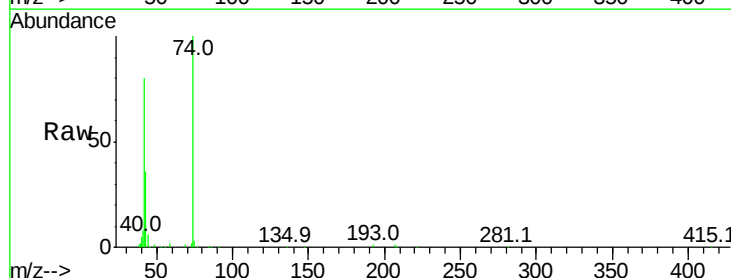
Tgt Ion: 42 Resp: 262317

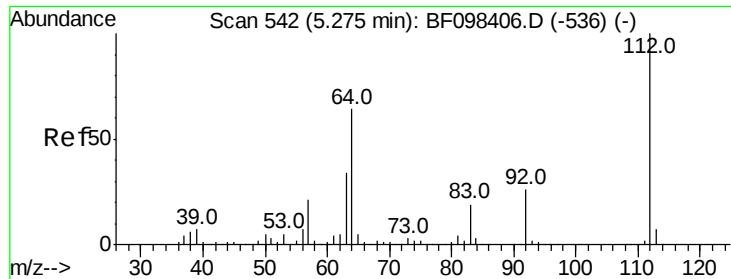
Ion Ratio Lower Upper

42 100

74 125.0 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 97.750 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

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ClientSampleId :

RL-5-0-13.75MSD

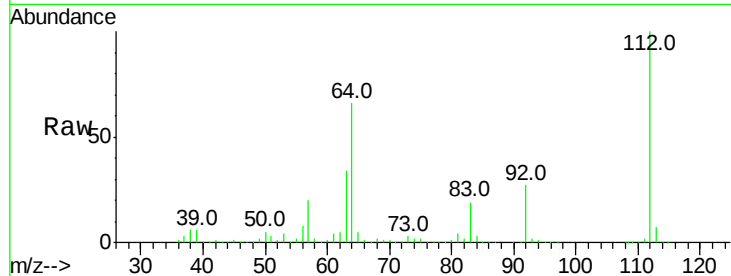
Tot Ion:112 Resp: 1265003

Ion Ratio Lower Upper

112 100

64 65.5 46.0 69.0

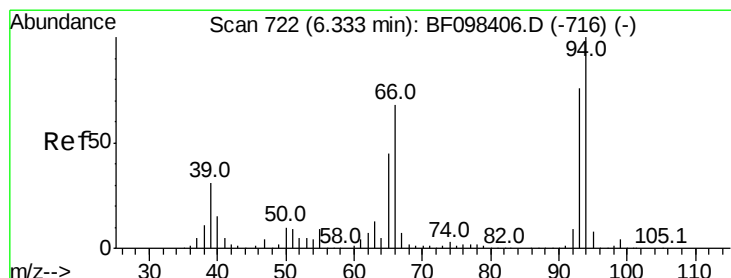
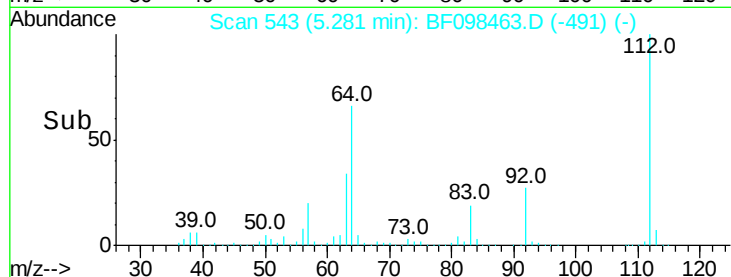
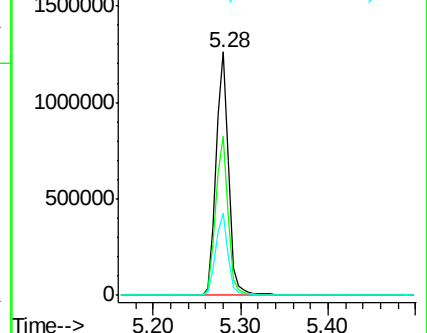
63 33.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.424 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

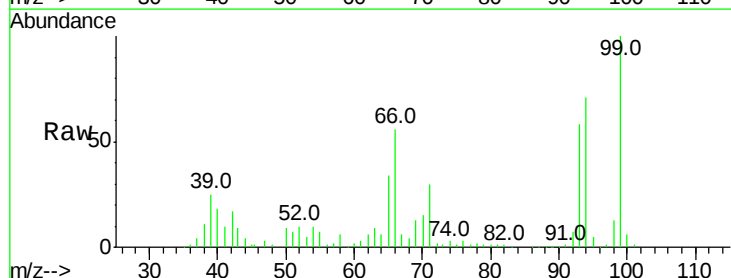
Tgt Ion: 93 Resp: 400397

Ion Ratio Lower Upper

93 100

66 95.6 32.9 49.3#

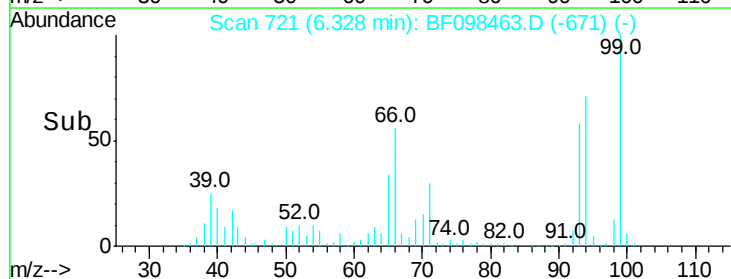
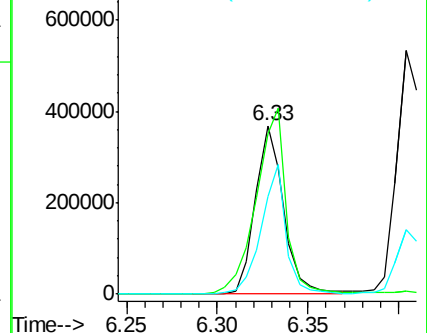
65 58.4 16.0 24.0#

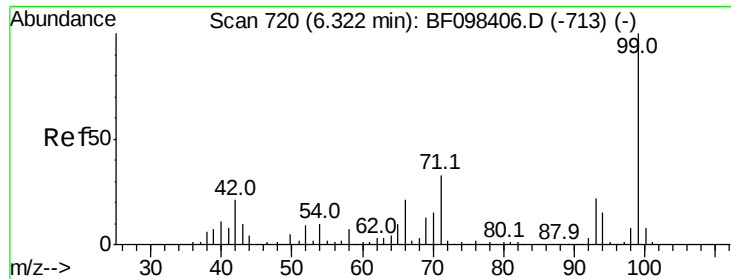


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.045 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098463.D

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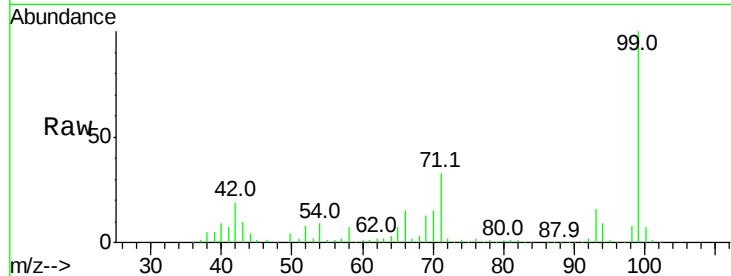
Tot Ion: 99 Resp: 1545258

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

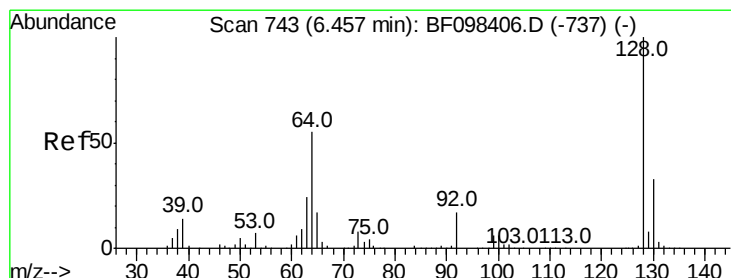
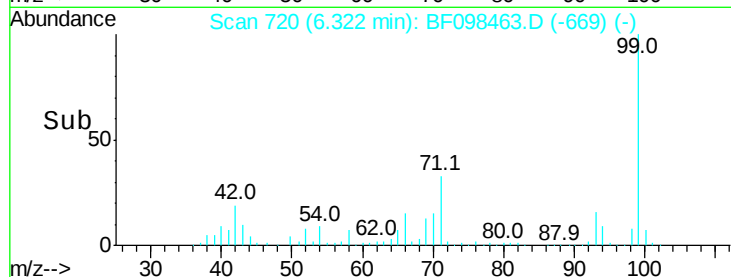
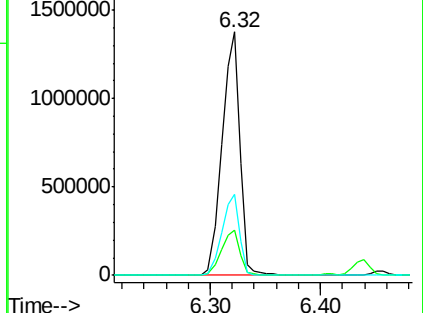
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.487 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

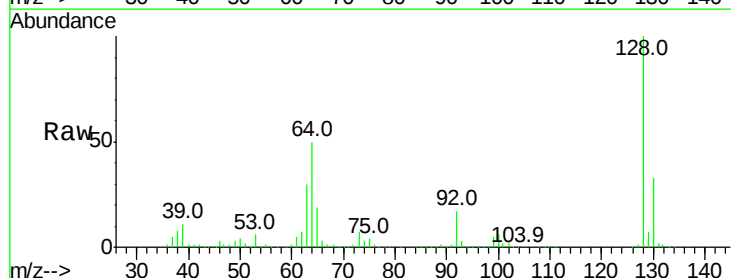
Tgt Ion: 128 Resp: 462306

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

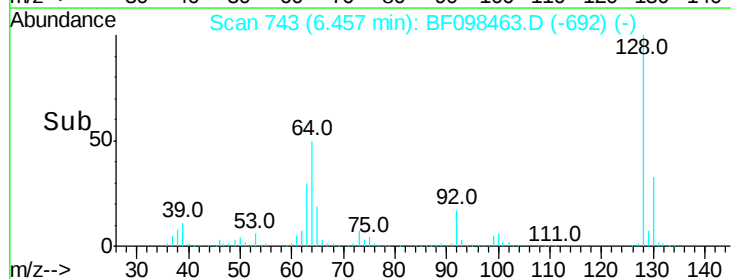
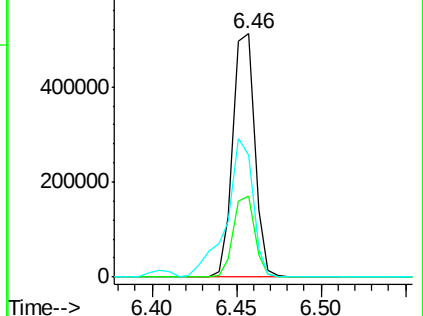
64 49.9 28.4 68.4

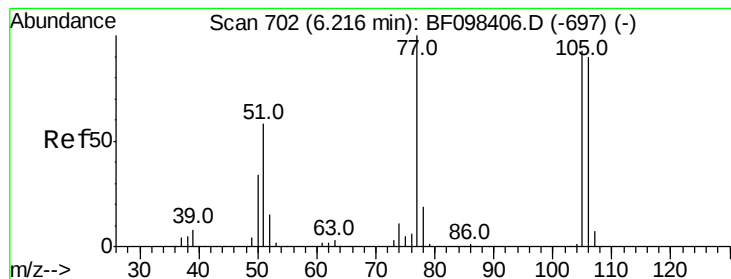


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.436 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

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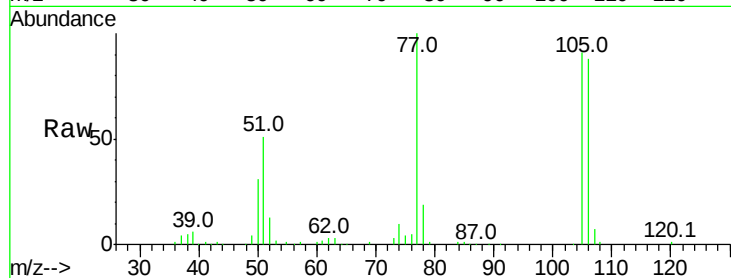
Tot Ion: 77 Resp: 101355

Ion Ratio Lower Upper

77 100

105 91.0 83.8 123.8

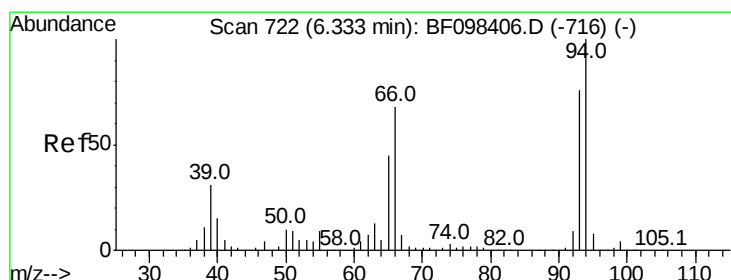
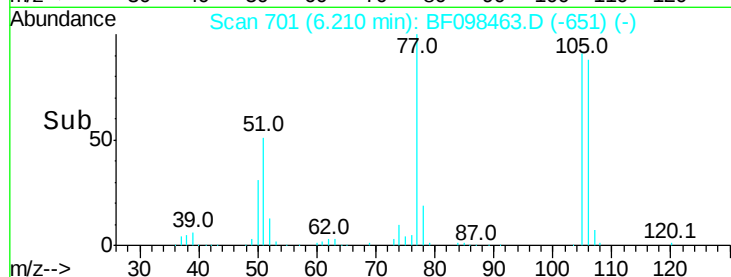
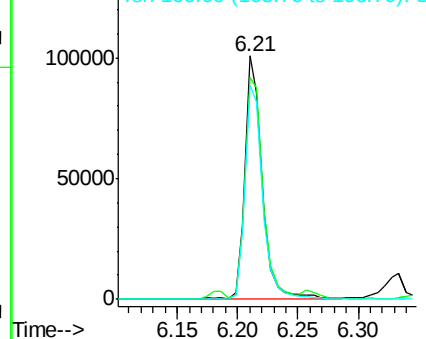
106 88.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.841 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

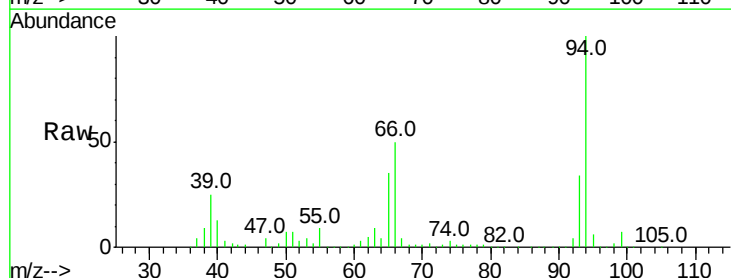
Tgt Ion: 94 Resp: 626764

Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

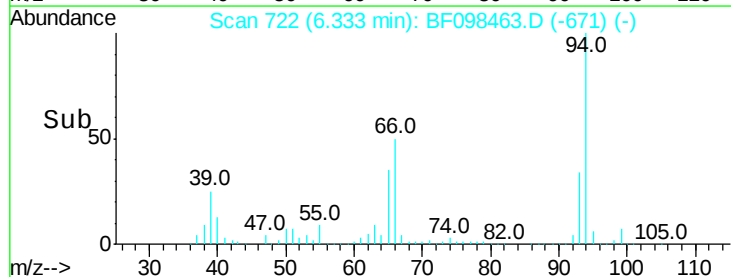
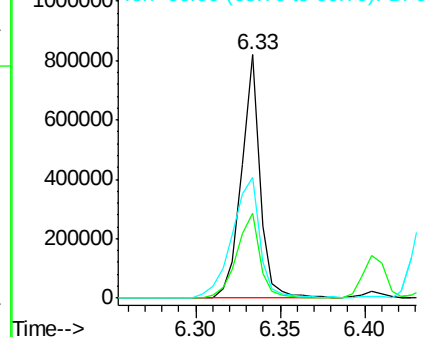
66 49.8 23.1 63.1

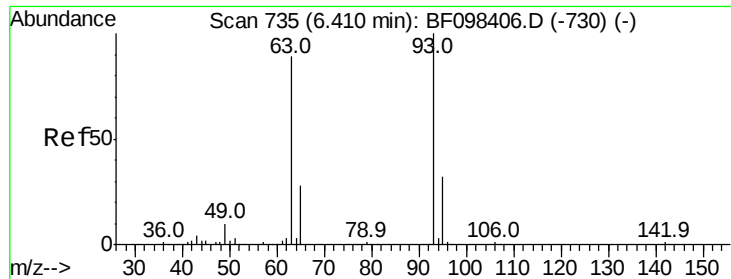


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.125 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

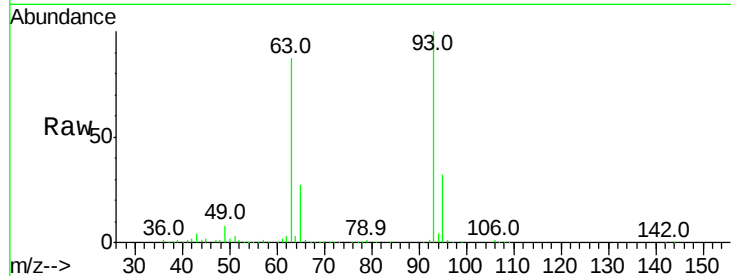
Tot Ion: 93 Resp: 476651

Ion Ratio Lower Upper

93 100

63 87.5 59.2 99.2

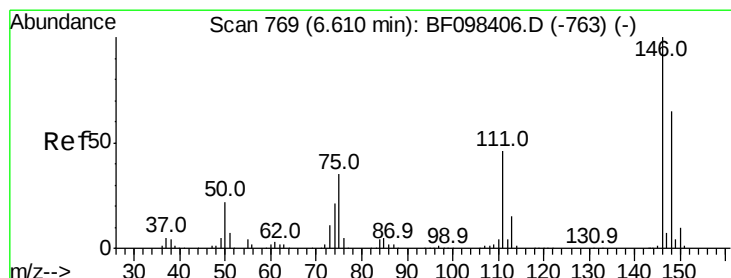
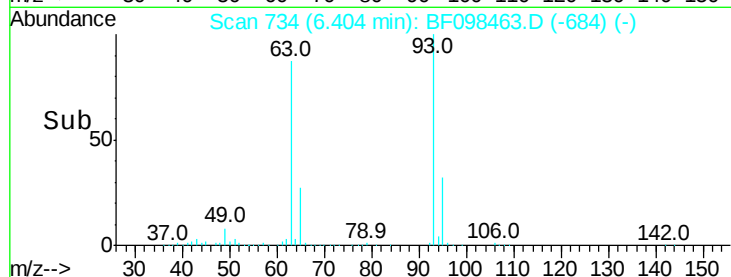
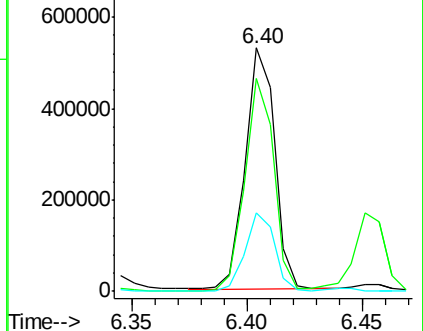
95 32.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.749 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

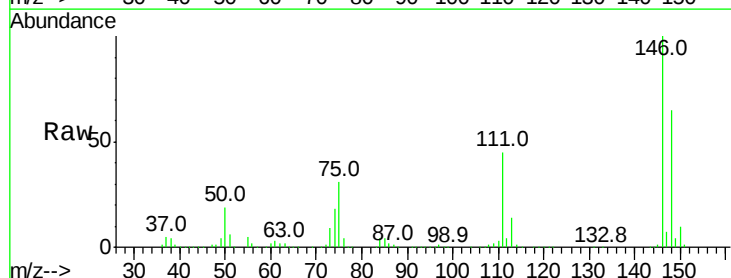
Tgt Ion: 146 Resp: 469071

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

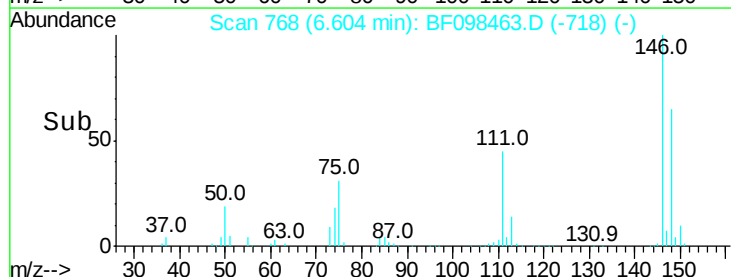
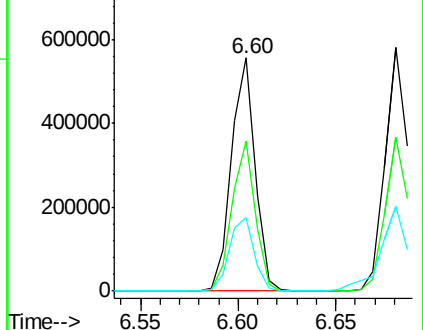
75 31.3 23.1 34.7

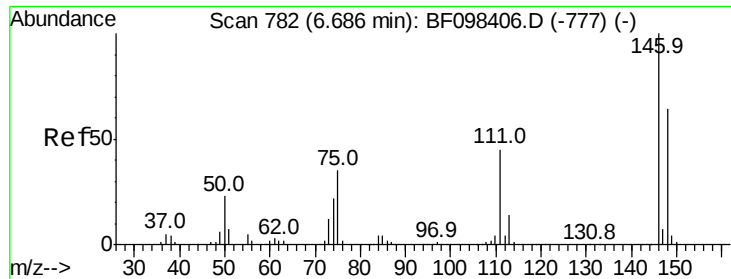


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

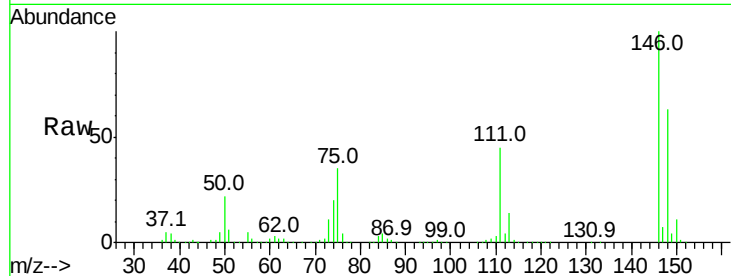




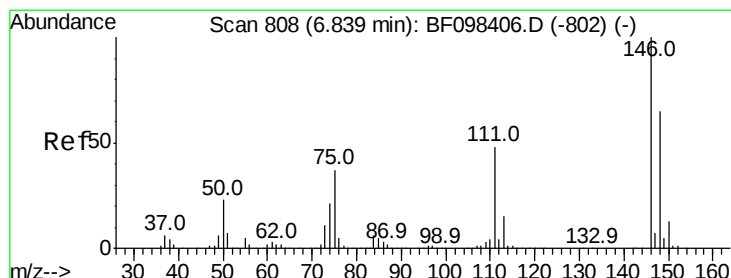
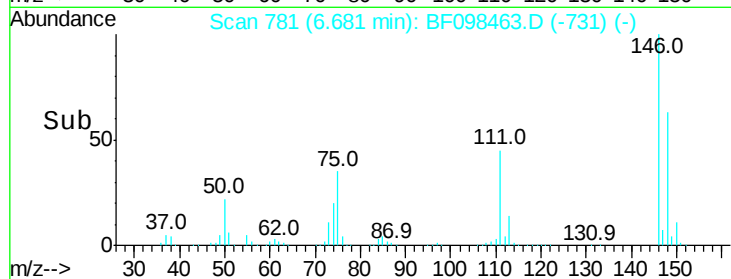
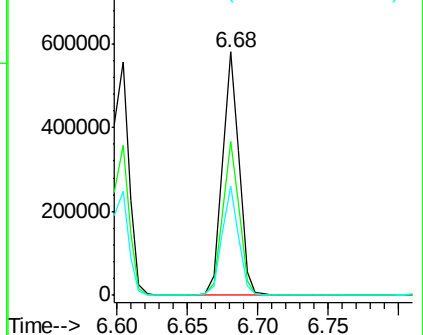
#13
 1,4-Dichlorobenzene
 Concen: 32.278 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion:146 Resp: 473560
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 44.9 30.3 45.5

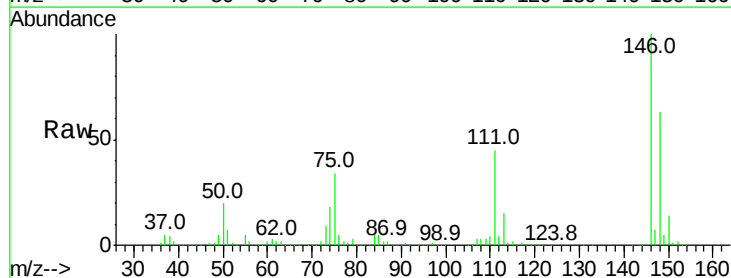


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

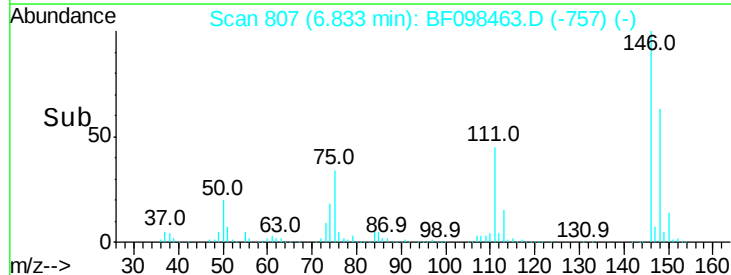
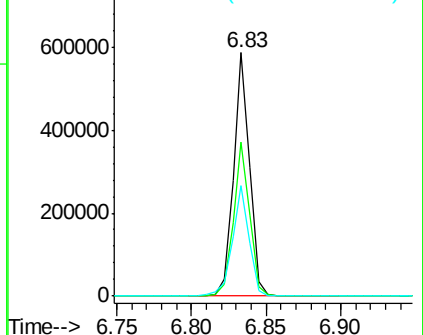


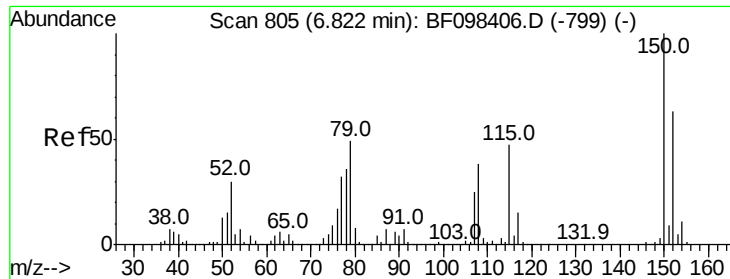
#14
 1,2-Dichlorobenzene
 Concen: 33.397 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:146 Resp: 446395
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 45.5 38.2 57.4



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

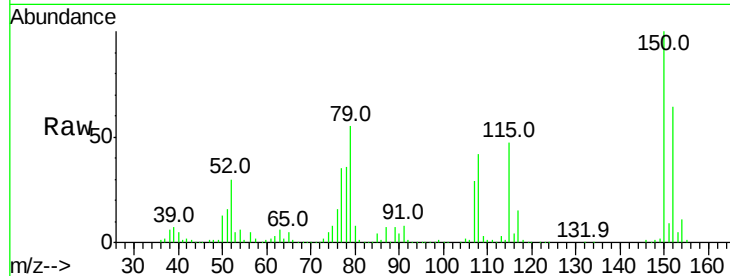




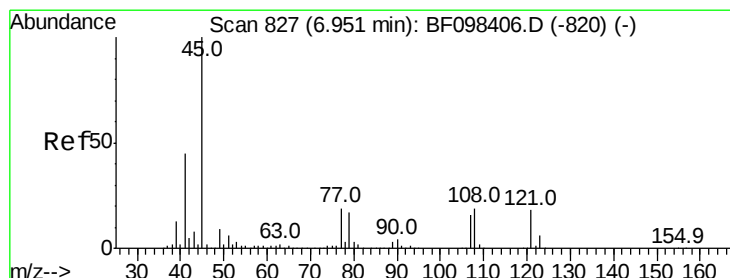
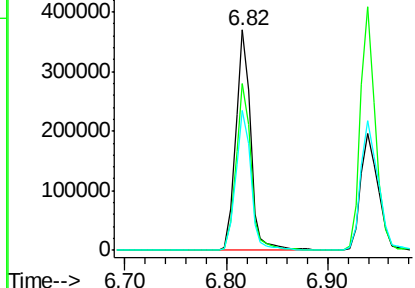
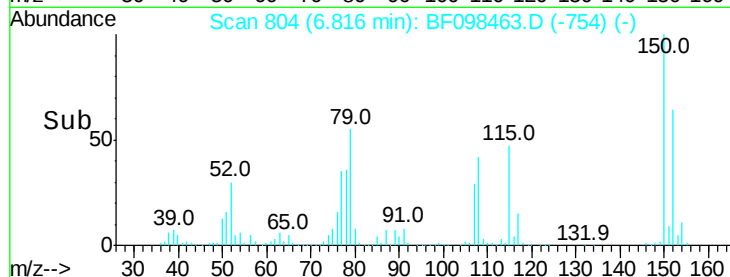
#15
Benzyl Alcohol
Concen: 34.600 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

Tot Ion: 79 Resp: 378361
Ion Ratio Lower Upper
79 100
108 76.0 63.4 95.0
77 63.5 49.2 73.8

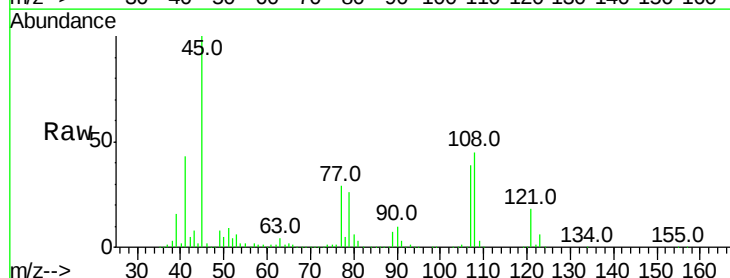


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

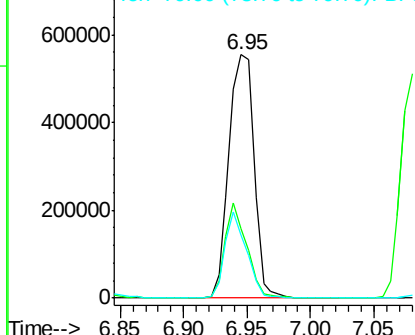
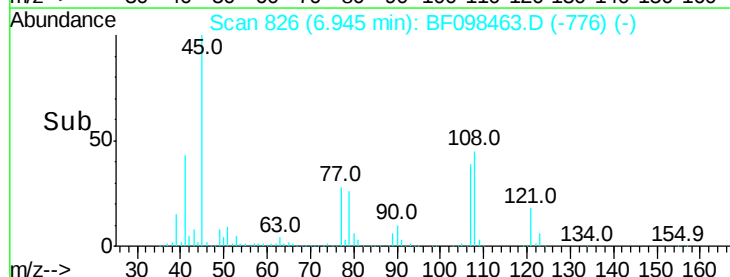


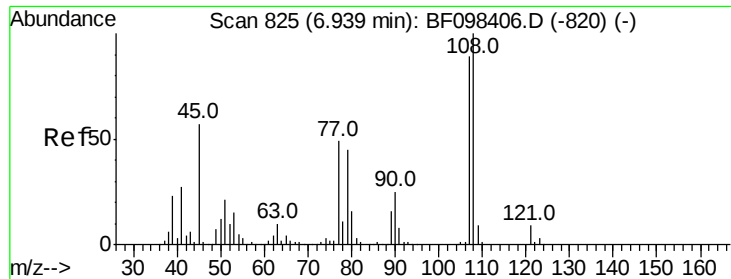
#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.085 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion: 45 Resp: 759644
Ion Ratio Lower Upper
45 100
77 28.5 0.0 33.2
79 26.1 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

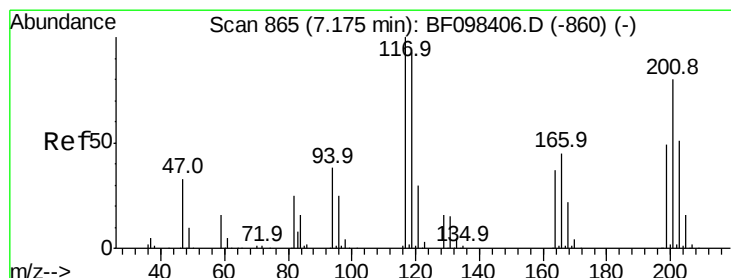
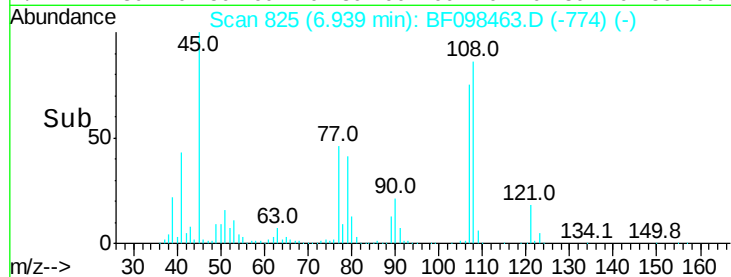
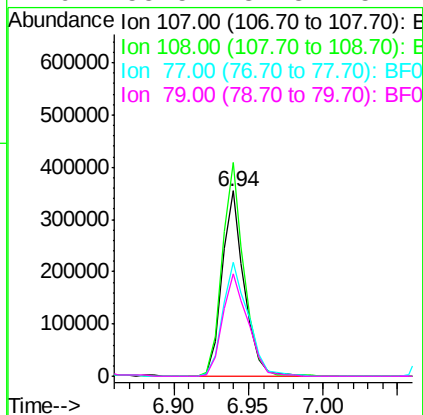
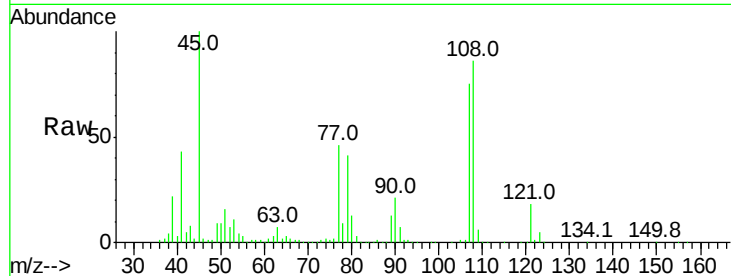




#17
2-Methylphenol
Concen: 31.565 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

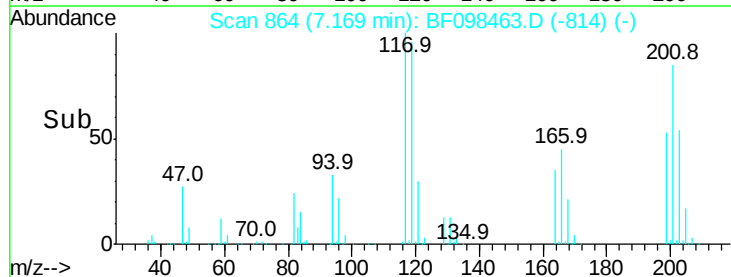
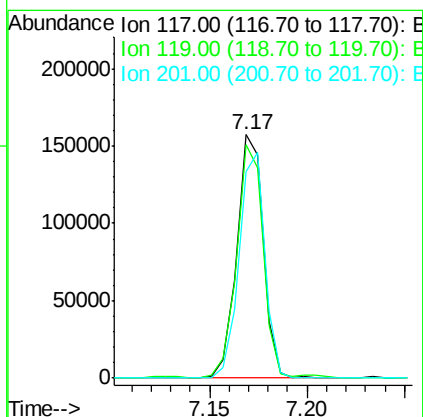
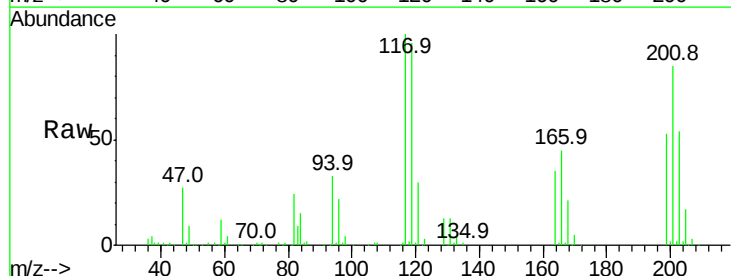
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

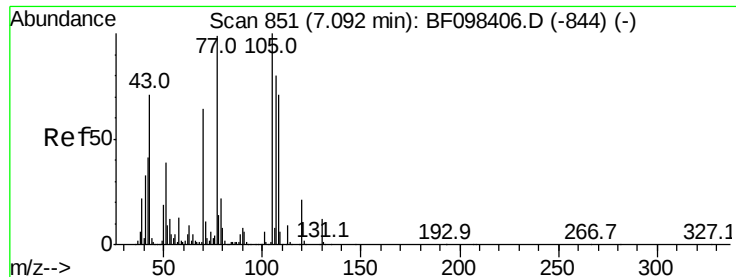
Tot Ion:107 Resp: 366279
Ion Ratio Lower Upper
107 100
108 115.4 93.4 140.0
77 61.6 35.8 53.6#
79 55.5 34.8 52.2#



#18
Hexachloroethane
Concen: 26.313 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:117 Resp: 147843
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 85.0 94.6 141.8#

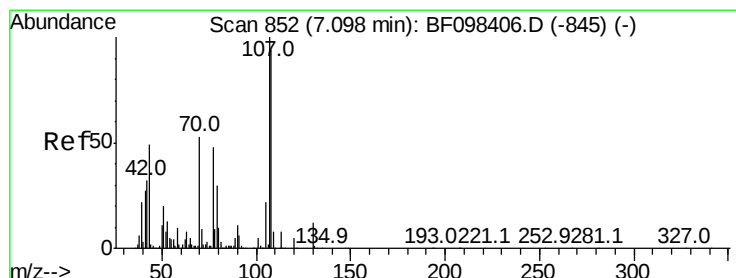
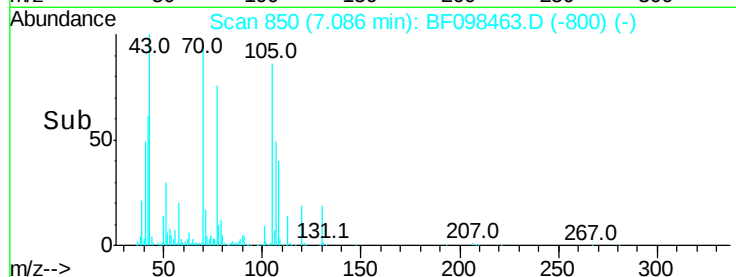
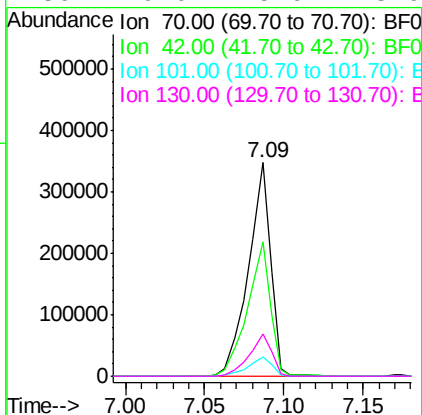
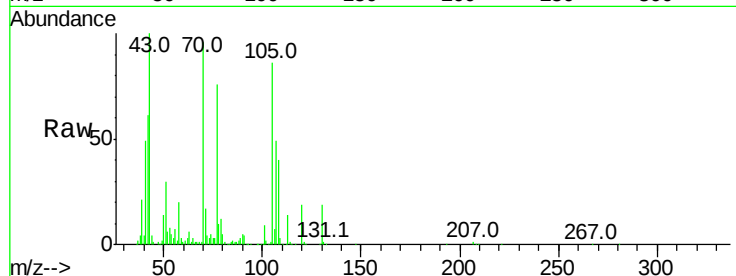




#19
n-Nitroso-di-n-propylamine
Concen: 32.684 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

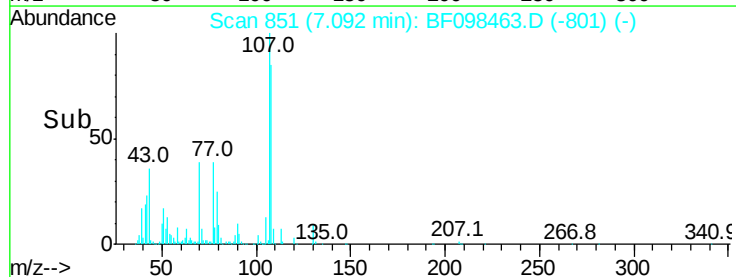
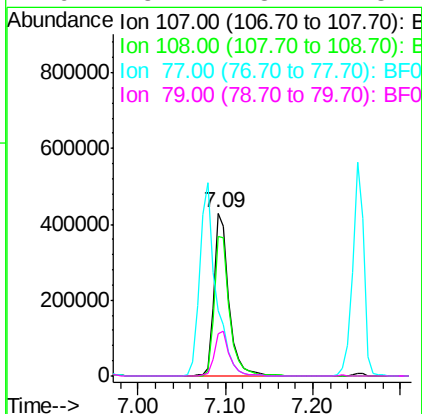
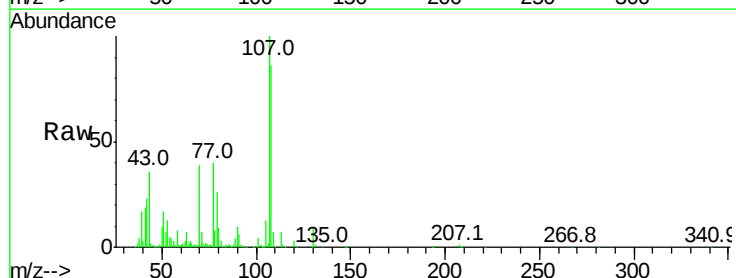
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

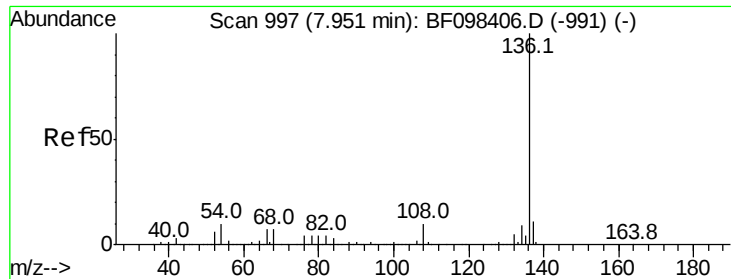
Tot Ion:	70	Resp:	337803
Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.2	70.8
101	9.3	7.2	10.8
130	20.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 34.384 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:	107	Resp:	503509
Ion	Ratio	Lower	Upper
107	100		
108	85.6	71.0	111.0
77	39.8	90.5	130.5#
79	25.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:136 Resp: 757326

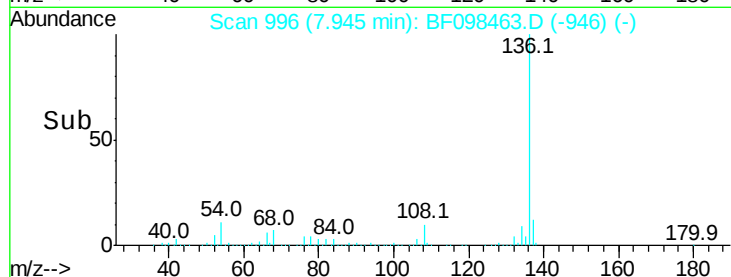
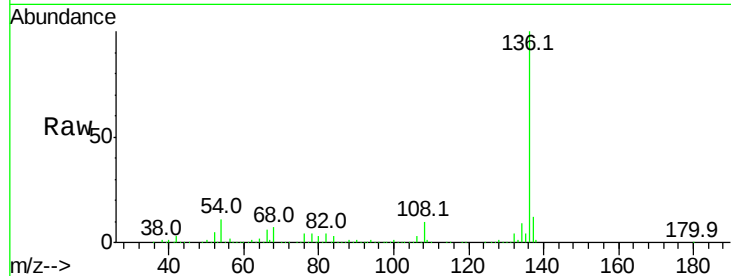
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 10.8 4.9 7.3#

68 7.4 4.1 6.1#

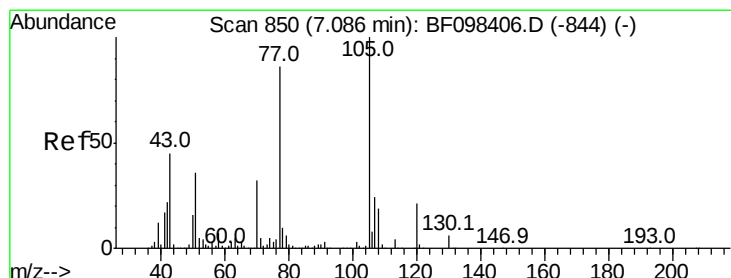
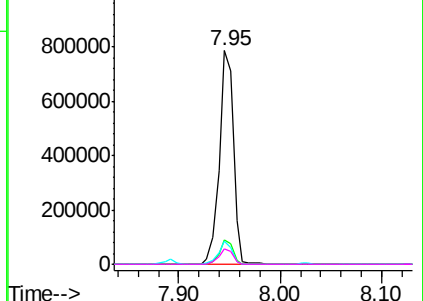


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 33.810 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:105 Resp: 661772

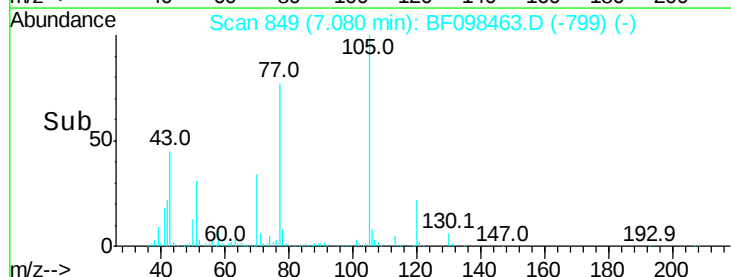
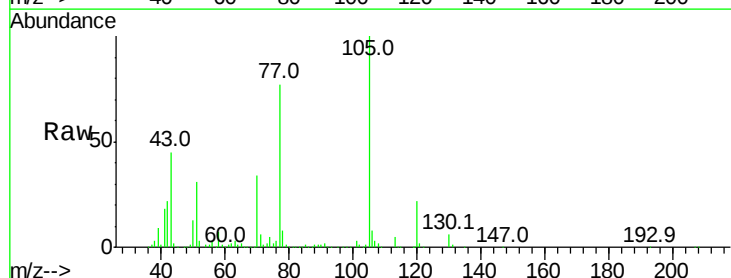
Ion Ratio Lower Upper

105 100

71 6.1 2.8 4.2#

51 30.6 30.7 46.1#

120 21.8 17.4 26.0

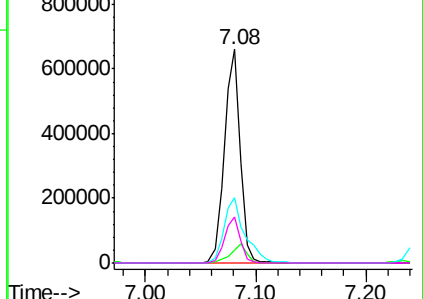


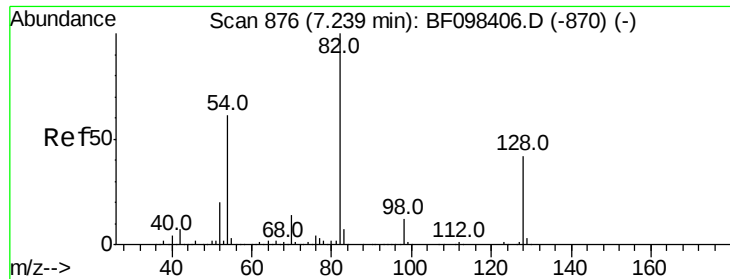
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

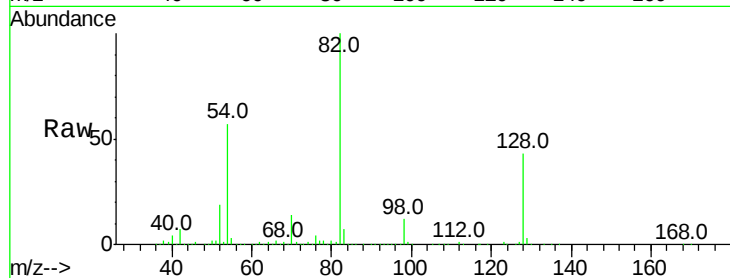




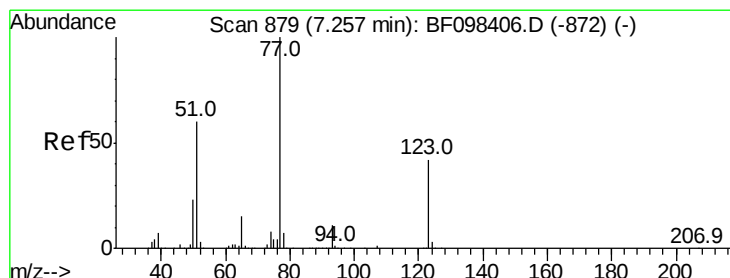
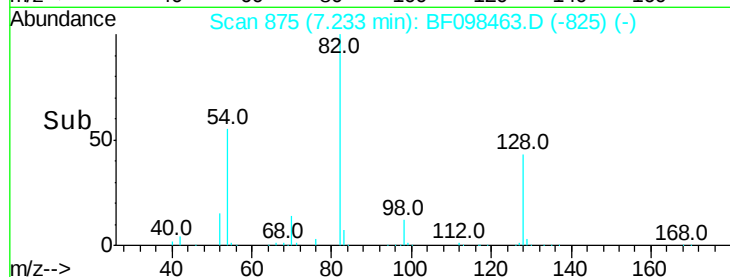
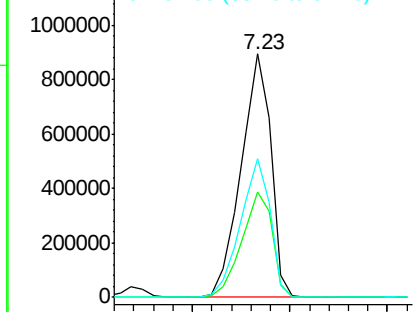
#23
 Nitrobenzene-d5
 Concen: 69.867 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion	82	Resp	949097
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	57.2	42.2	63.2

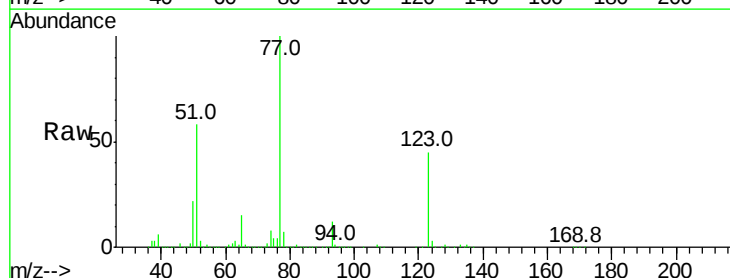


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

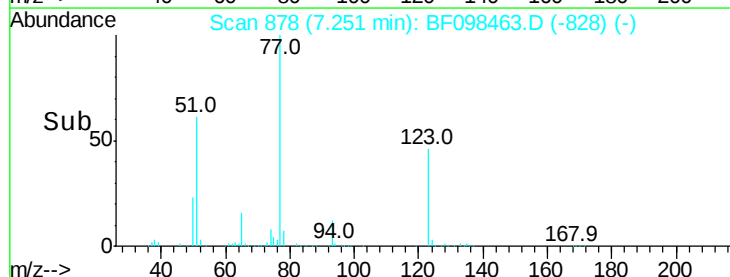
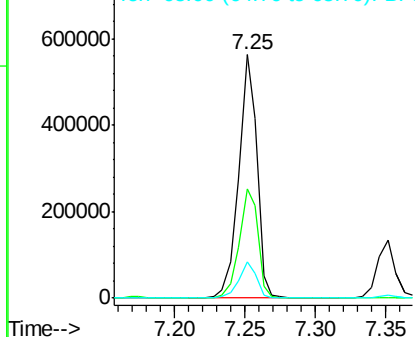


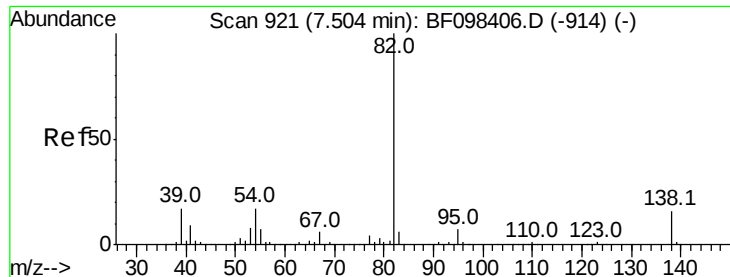
#24
 Nitrobenzene
 Concen: 32.456 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	77	Resp	502211
Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.8	53.8
65	15.0	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

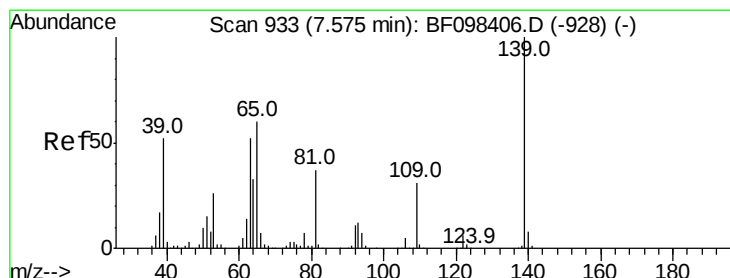
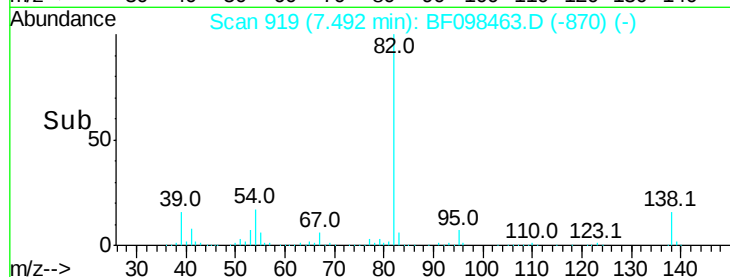
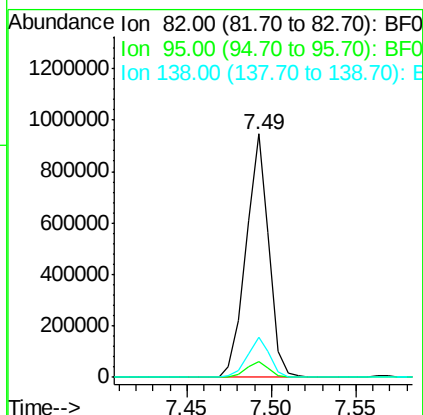
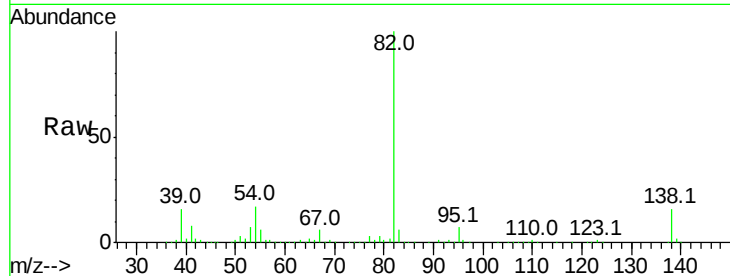




#25
Isophorone
Concen: 32.350 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

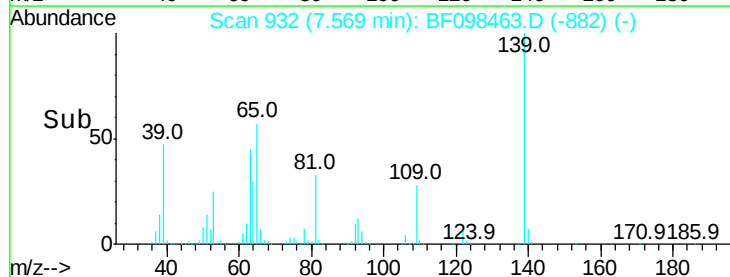
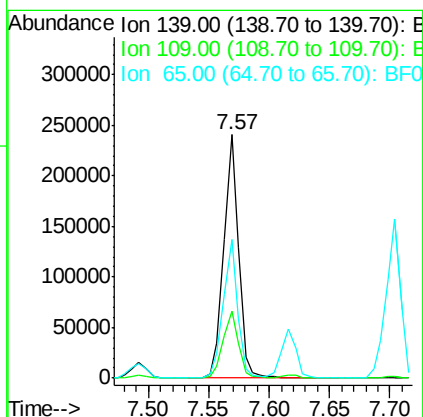
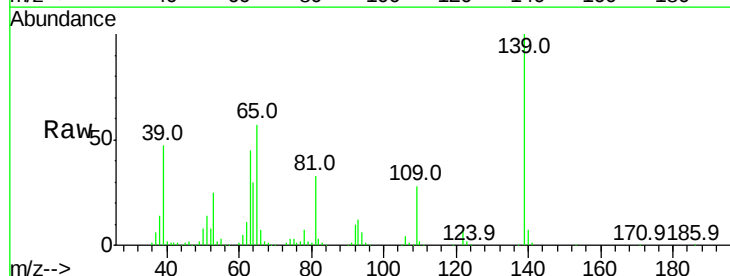
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

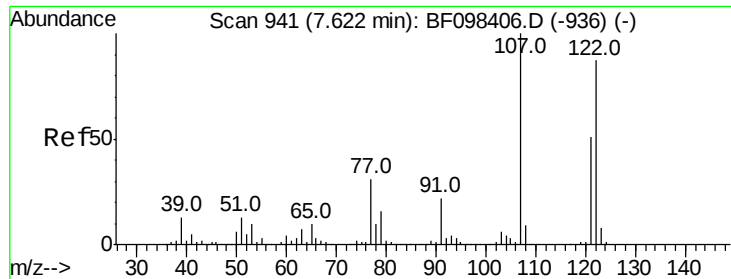
Tot Ion: 82 Resp: 889146
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 32.922 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion: 139 Resp: 205681
Ion Ratio Lower Upper
139 100
109 27.6 21.0 31.6
65 57.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 30.563 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

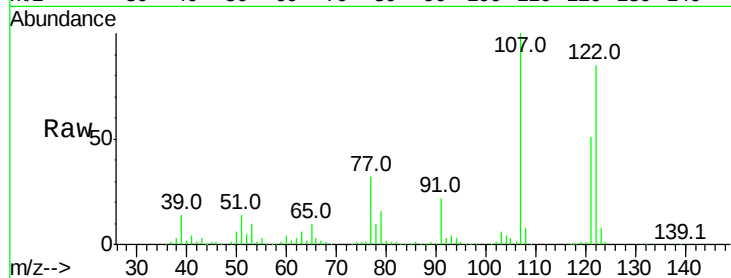
Tot Ion:122 Resp: 363998

Ion Ratio Lower Upper

122 100

107 117.0 89.2 133.8

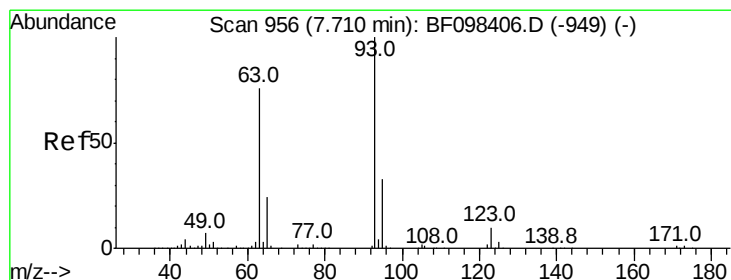
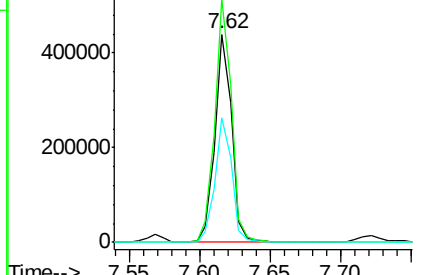
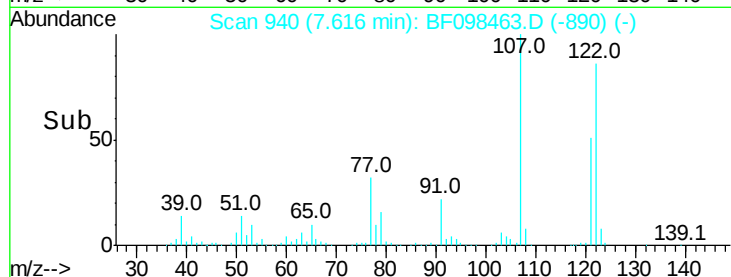
121 60.0 45.2 67.8



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: 34.753 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

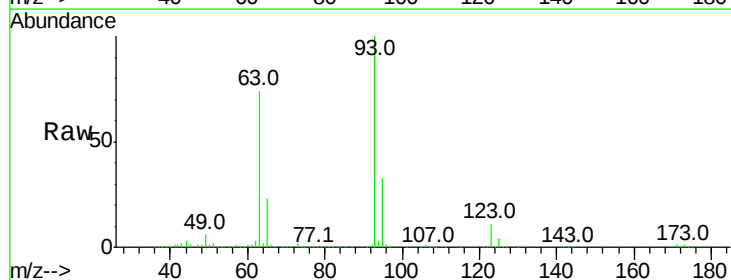
Tgt Ion: 93 Resp: 582842

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

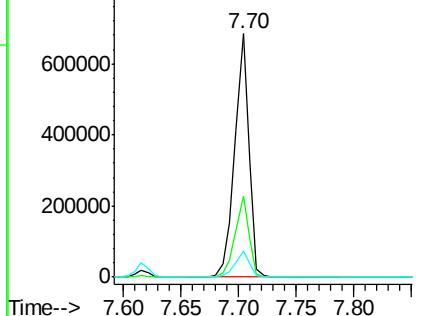
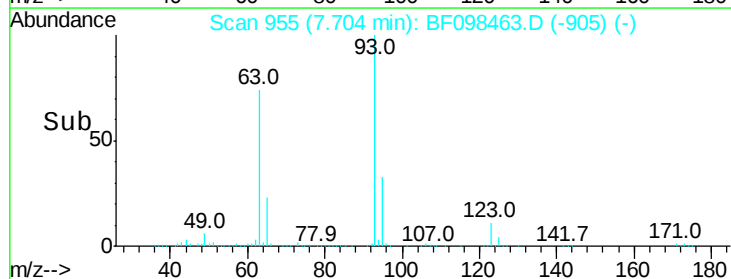
123 10.6 9.0 13.4

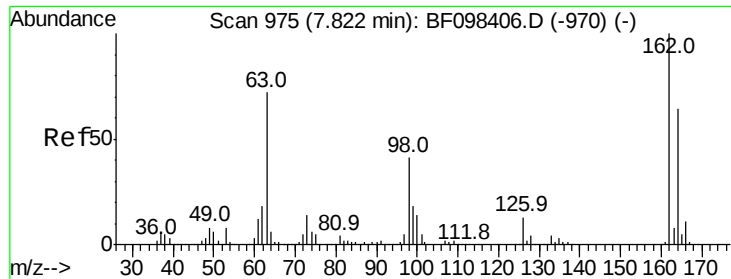


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

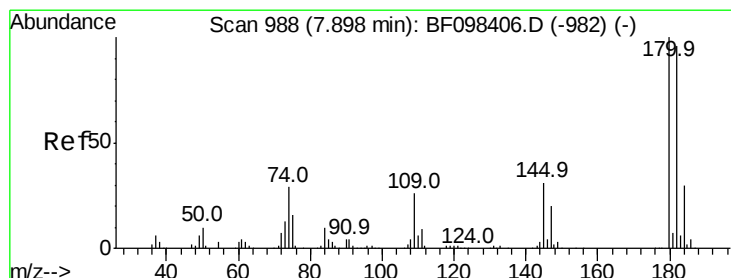
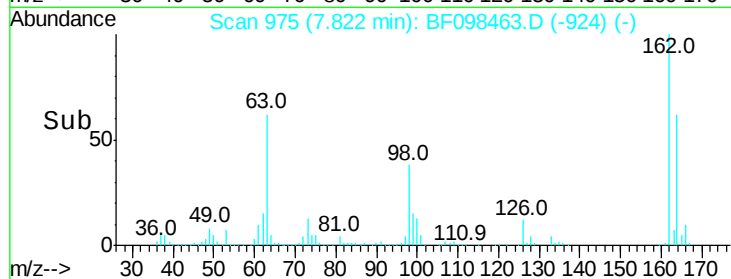
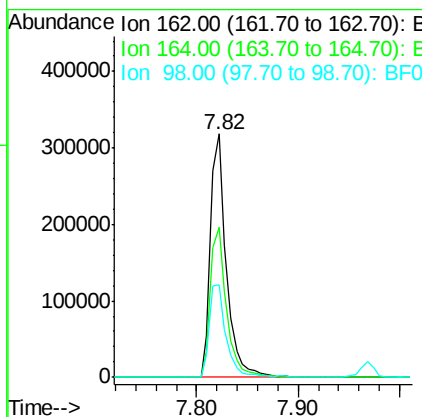
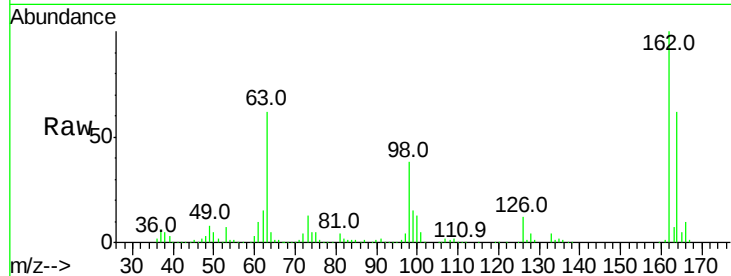




#29
 2,4-Dichlorophenol
 Concen: 35.142 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

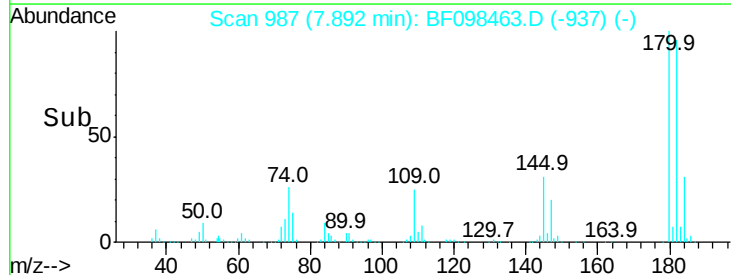
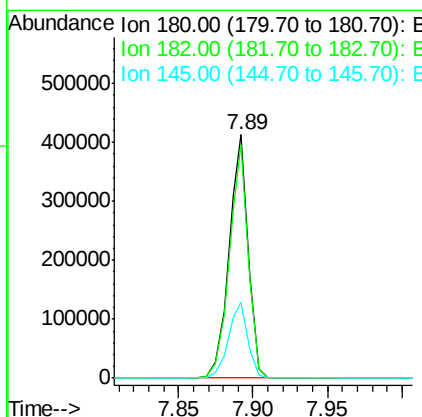
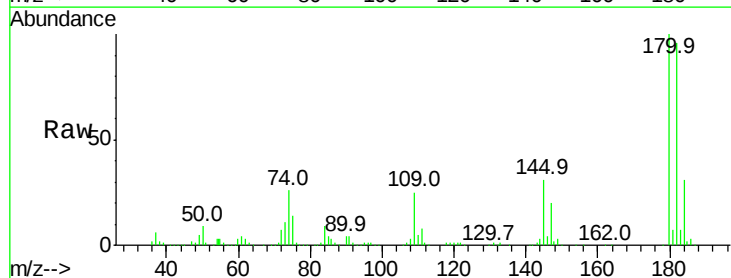
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

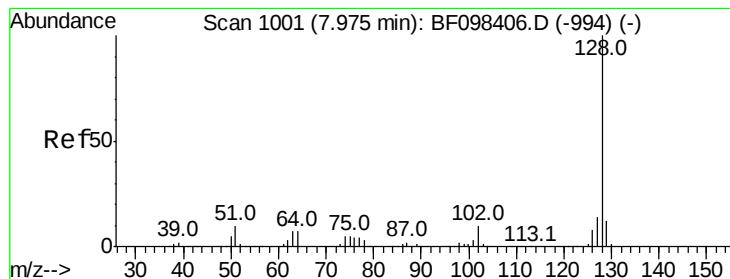
Tot Ion:	162	Resp:	348090
Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.6	84.6
98	38.0	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 34.654 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:	180	Resp:	373388
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	31.5	25.3	37.9





#31

Naphthalene

Concen: 34.699 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

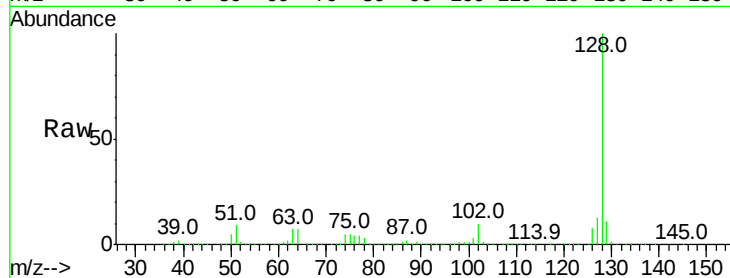
Tot Ion:128 Resp: 1299081

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

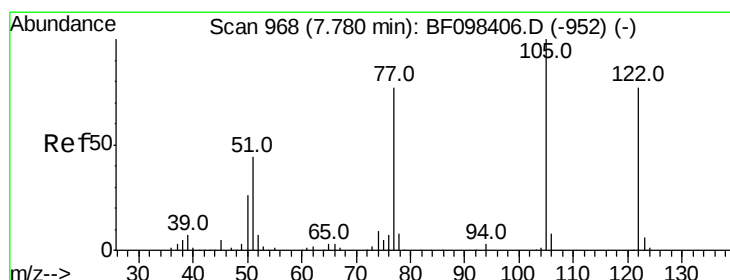
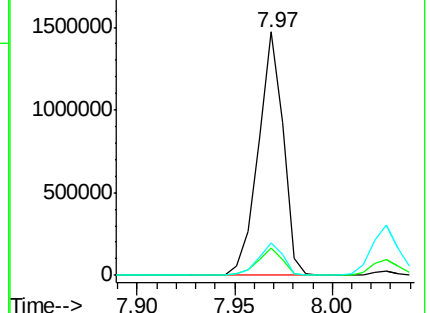
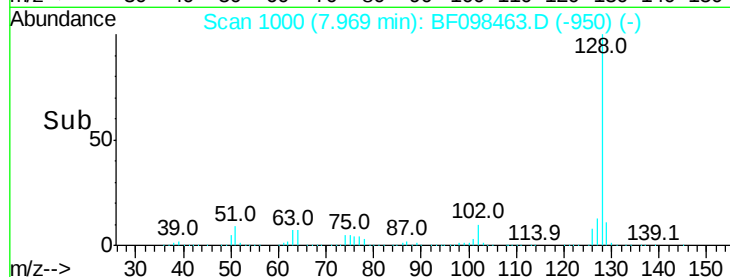
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.088 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.06 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

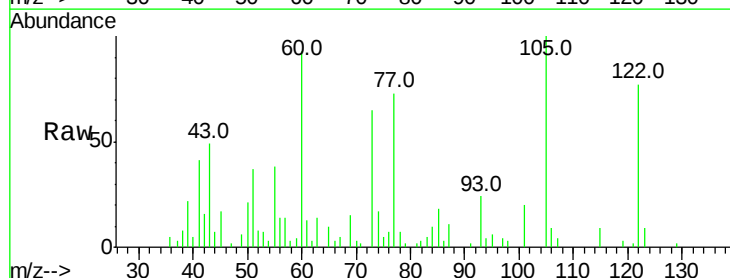
Tgt Ion:122 Resp: 20295

Ion Ratio Lower Upper

122 100

105 129.9 103.3 143.3

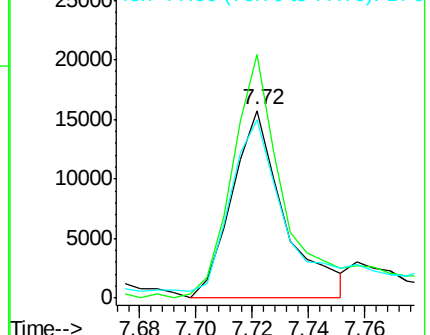
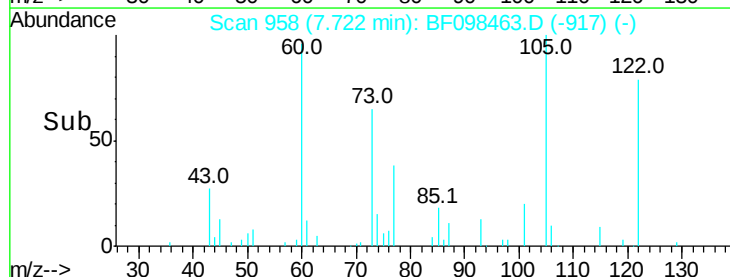
77 94.9 73.7 113.7

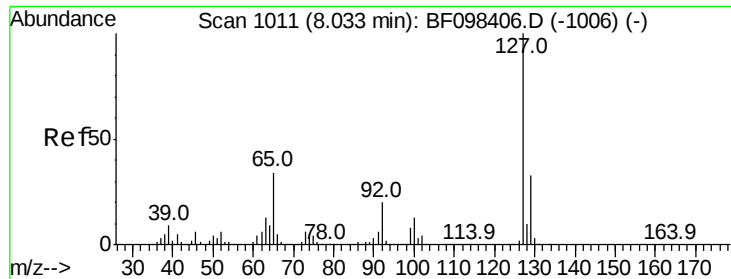


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

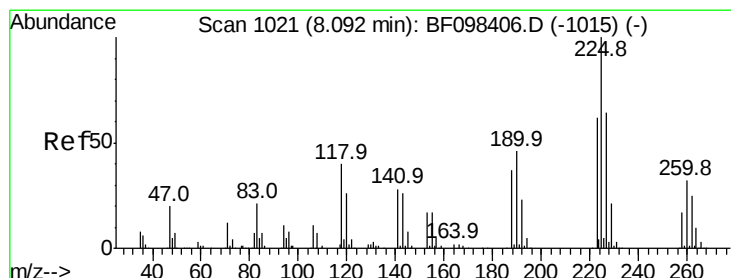
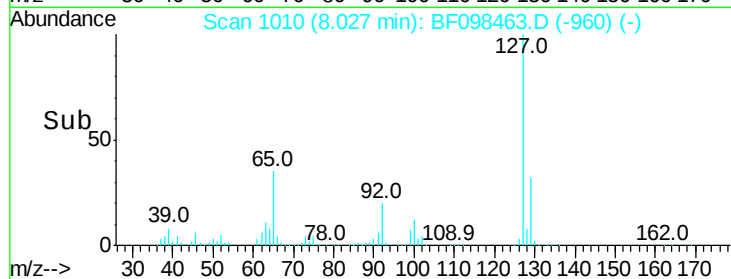
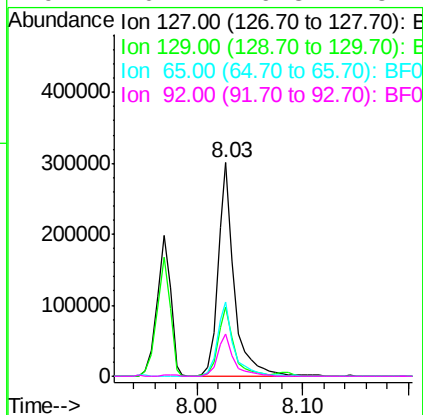
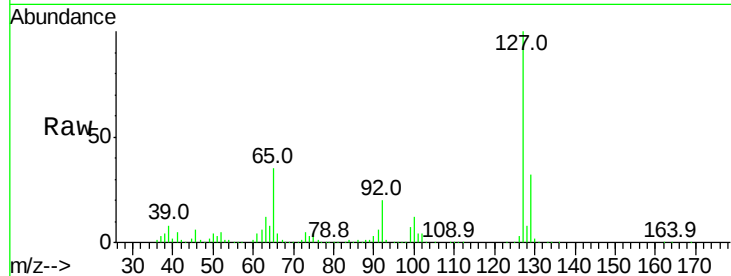




#33
4-Chloroaniline
Concen: 21.099 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

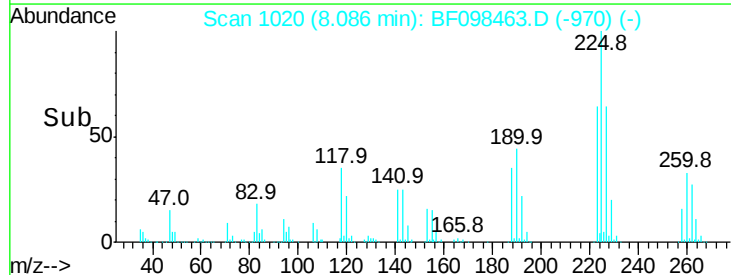
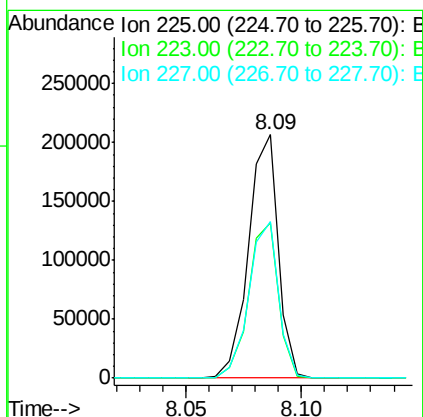
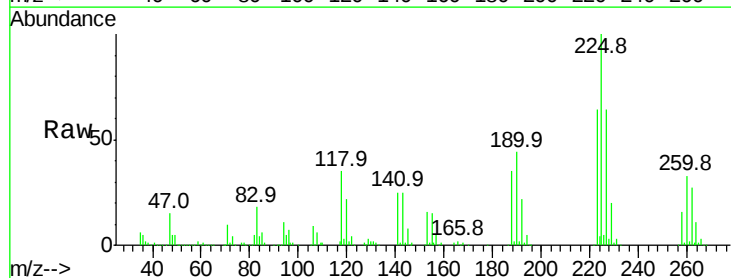
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

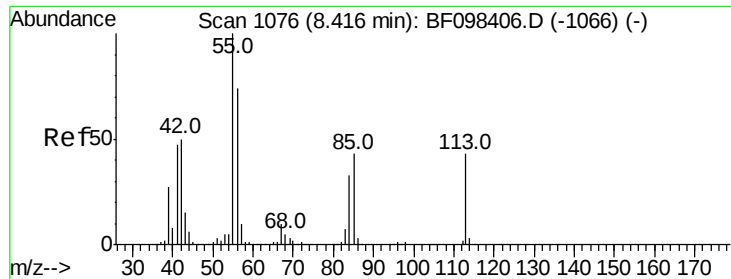
Tot Ion:	127	Resp:	321042
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	34.8	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 33.749 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:	225	Resp:	186677
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	64.5	51.1	76.7





#35

Caprolactam

Concen: 29.377 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

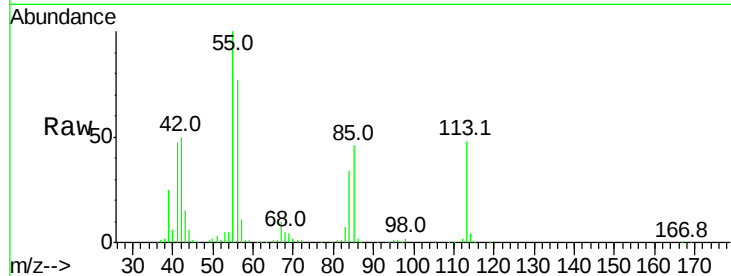
Tot Ion:113 Resp: 100342

Ion Ratio Lower Upper

113 100

55 206.6 150.2 190.2#

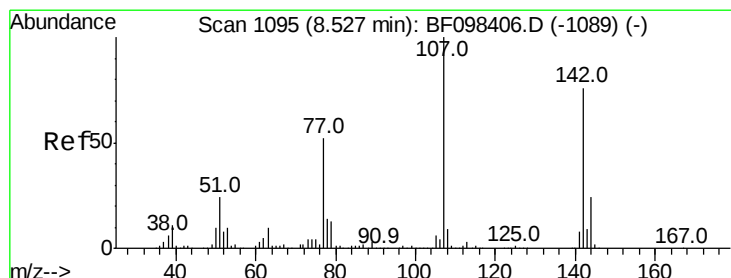
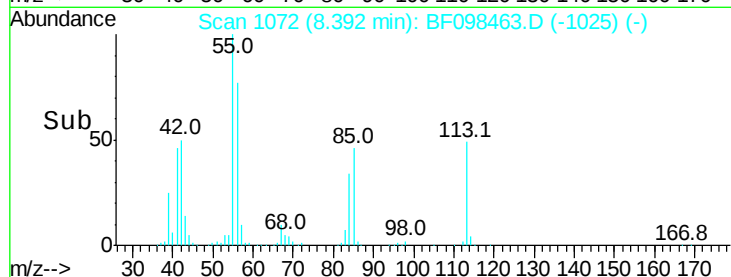
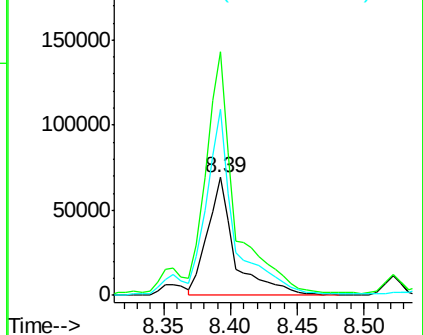
56 158.4 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 30.365 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

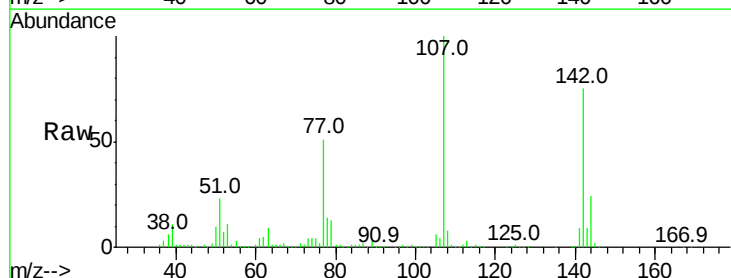
Tgt Ion:107 Resp: 373001

Ion Ratio Lower Upper

107 100

144 24.3 24.2 36.4

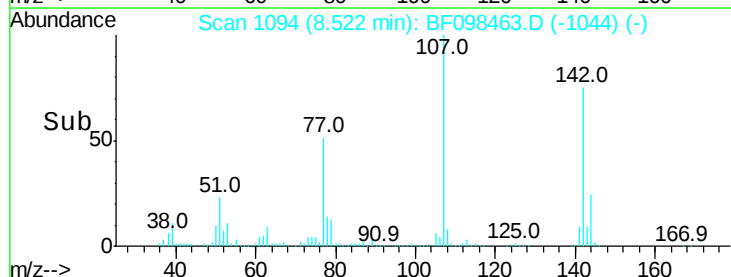
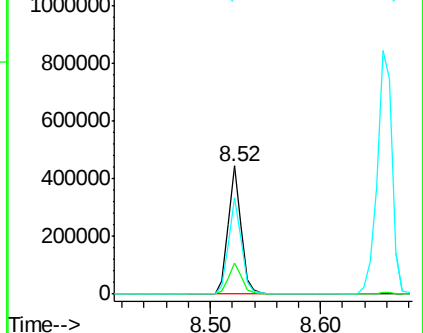
142 75.2 73.4 110.0

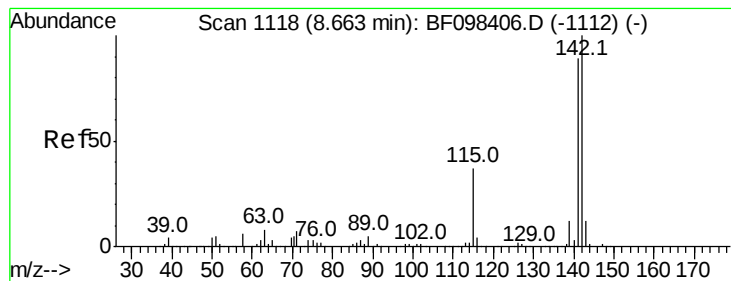


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.329 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

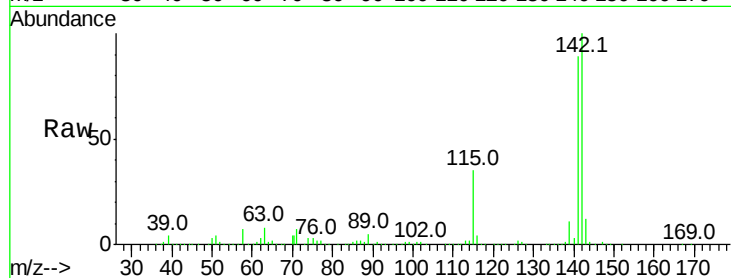
Tot Ion:142 Resp: 801196

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

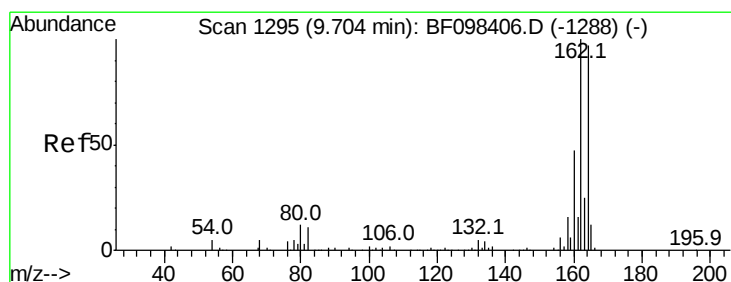
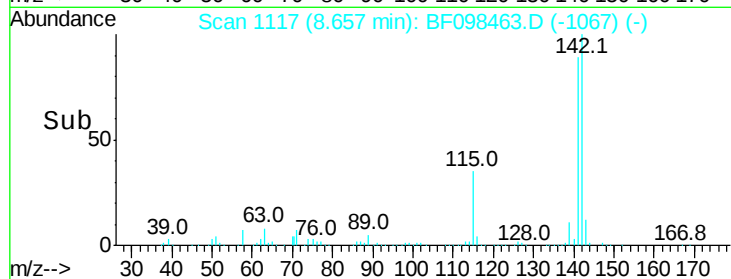
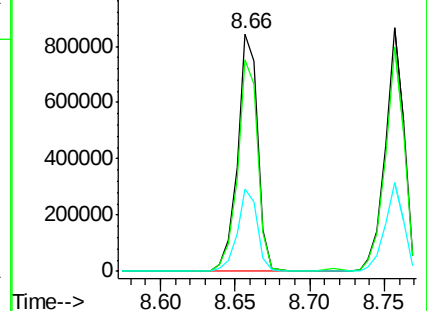
115 34.7 27.1 40.7



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

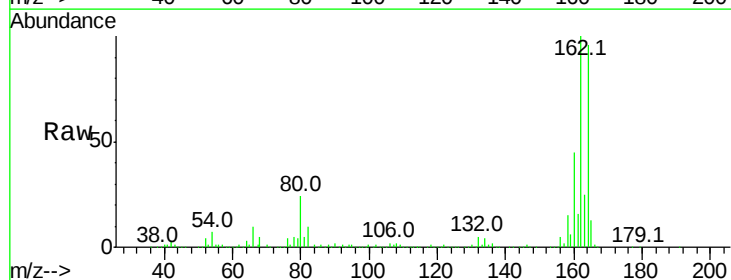
Tgt Ion:164 Resp: 295491

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

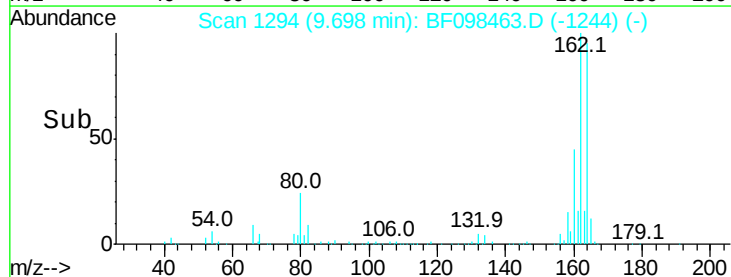
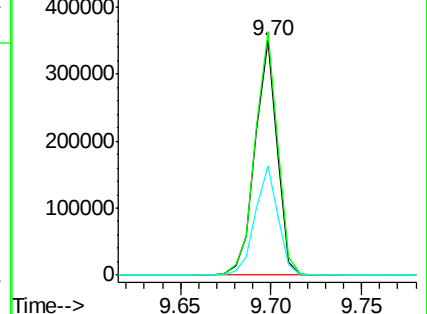
160 46.6 36.2 54.2

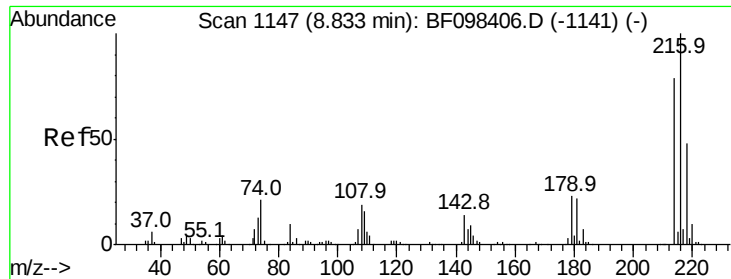


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

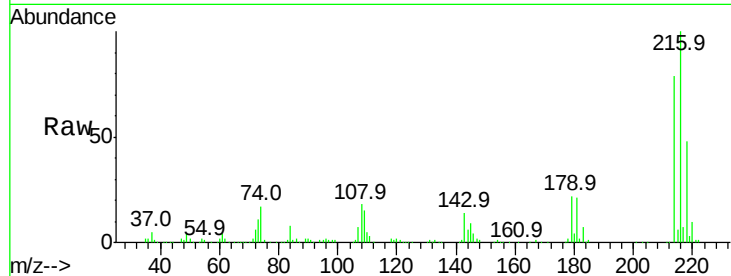




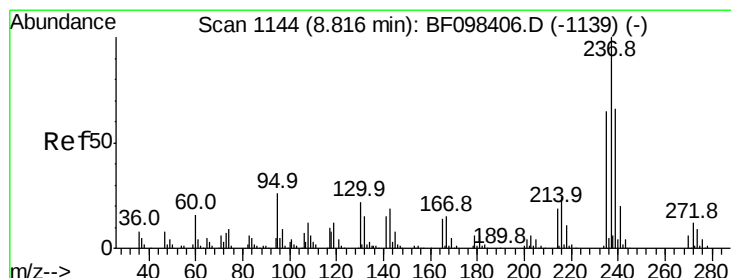
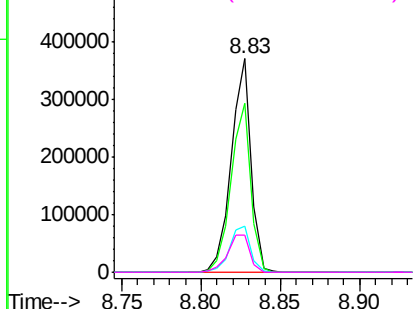
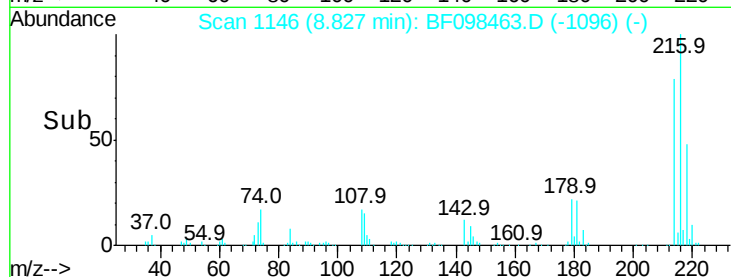
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.843 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion:	216	Resp:	320713
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	22.8	17.9	26.9
108	20.1	16.5	24.7

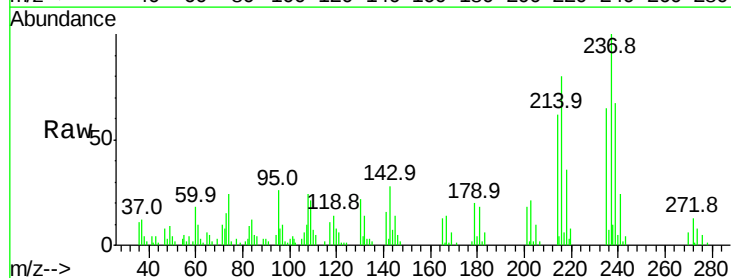


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

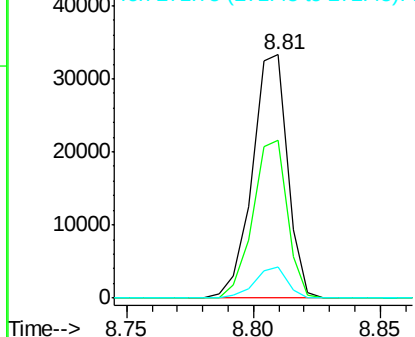
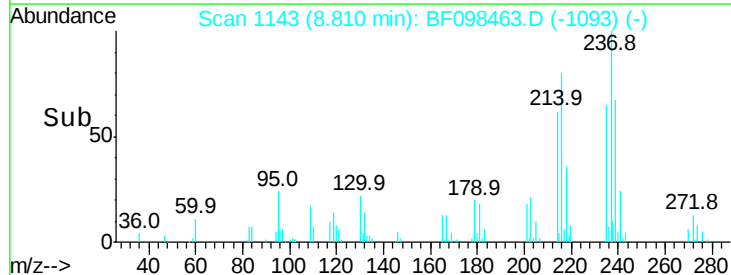


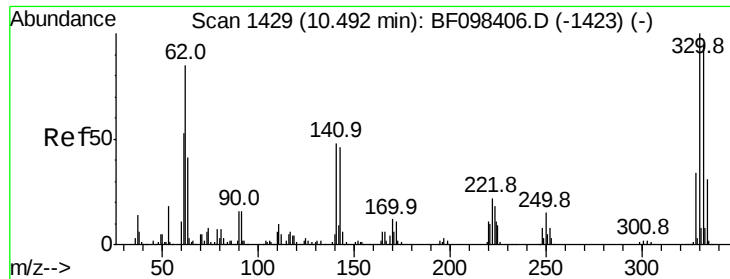
#40
 Hexachlorocyclopentadiene
 Concen: 20.396 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:	237	Resp:	32467
Ion	Ratio	Lower	Upper
237	100		
235	64.8	42.6	82.6
272	12.8	0.0	31.9



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

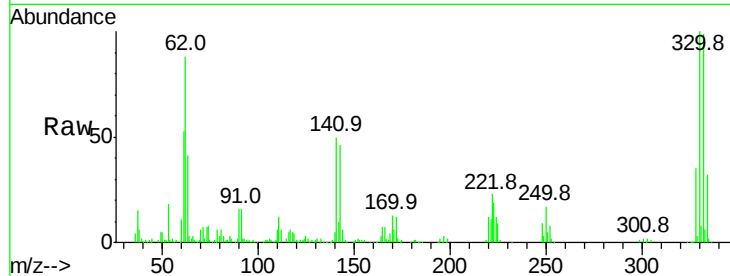




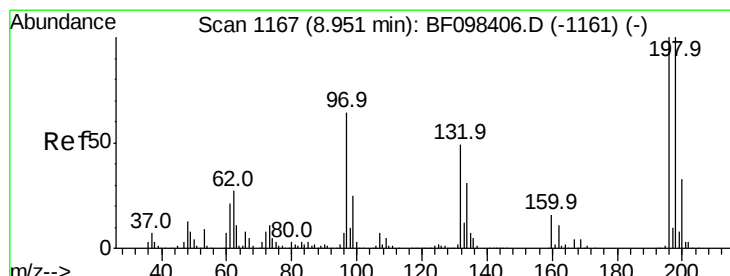
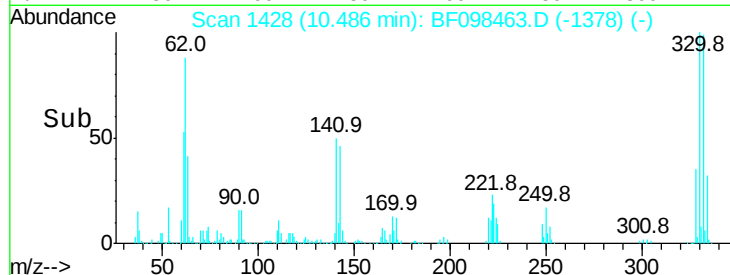
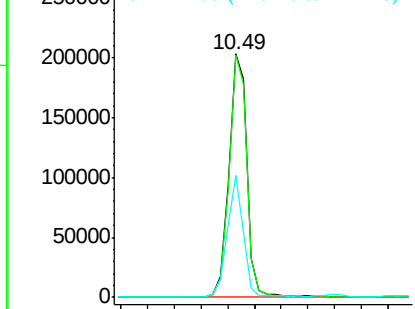
#41
 2,4,6-Tribromophenol
 Concen: 98.363 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion:330 Resp: 193988
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 45.8 31.4 47.2

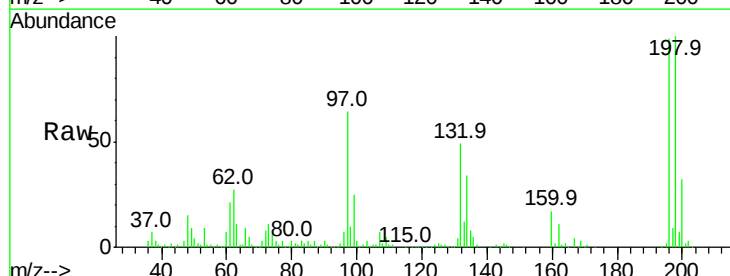


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

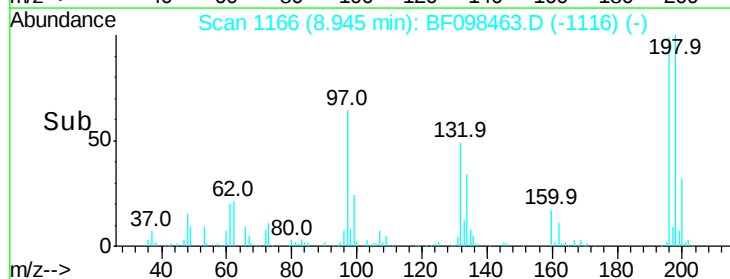
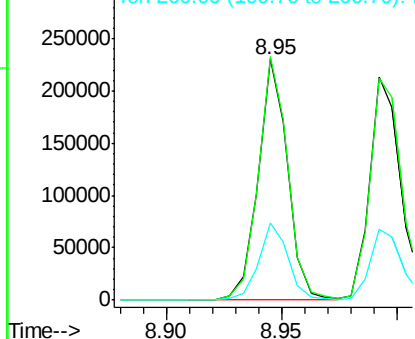


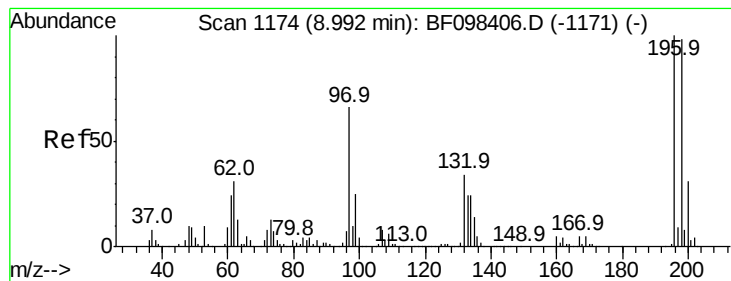
#42
 2,4,6-Trichlorophenol
 Concen: 37.994 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:196 Resp: 205414
 Ion Ratio Lower Upper
 196 100
 198 101.3 74.2 111.4
 200 32.2 24.0 36.0



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

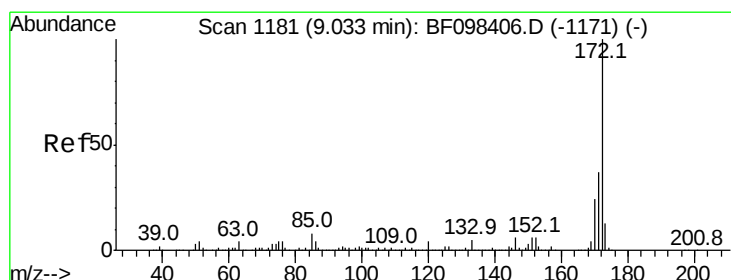
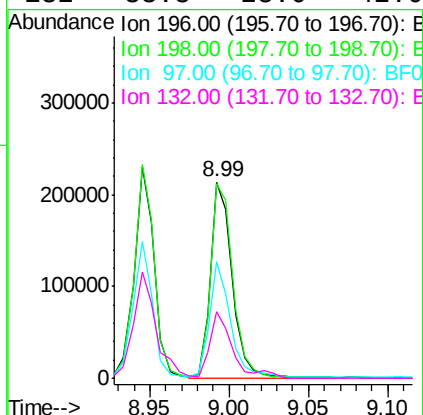
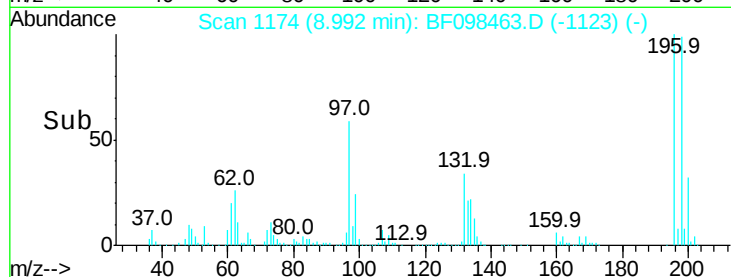
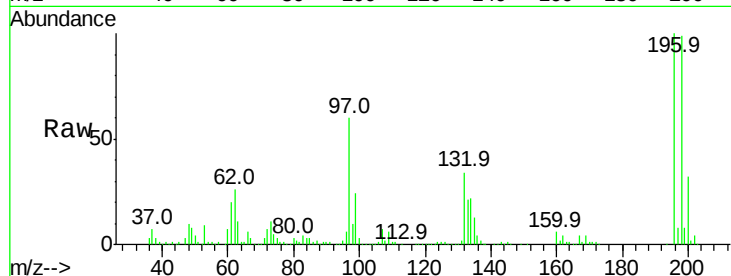




#43
 2,4,5-Trichlorophenol
 Concen: 36.049 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

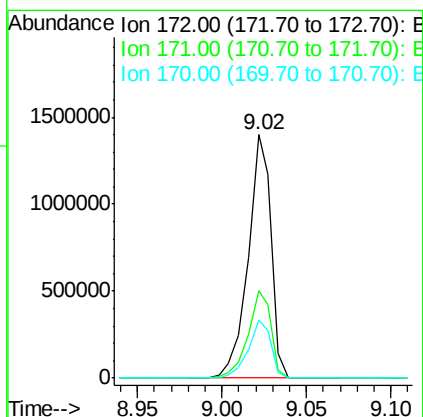
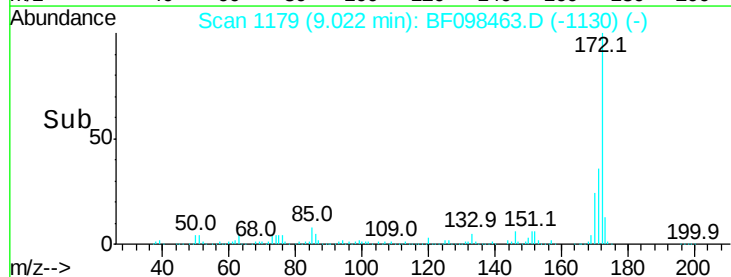
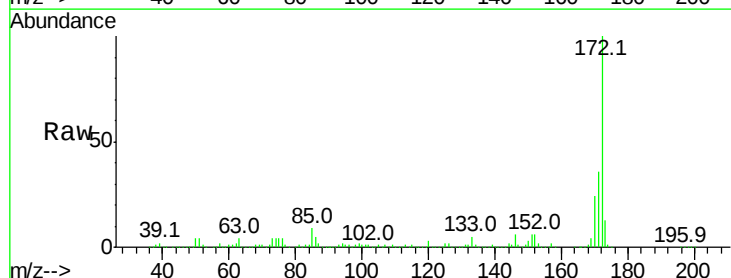
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

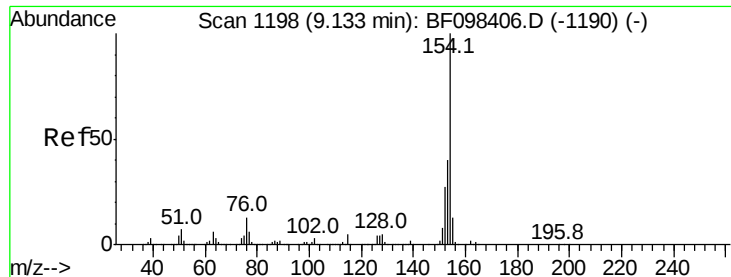
Tot Ion:	196	Resp:	203708
Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.7	113.5
97	59.5	47.7	71.5
132	33.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 76.146 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:	172	Resp:	1327522
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 34.713 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

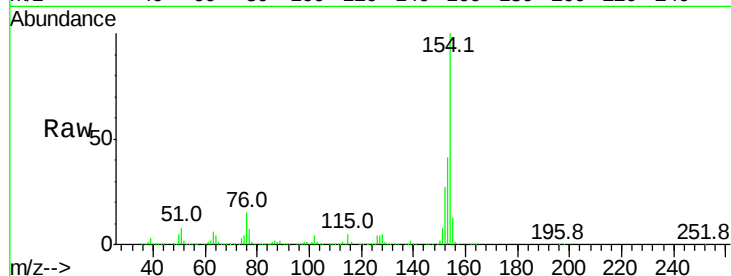
Tot Ion:154 Resp: 918097

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

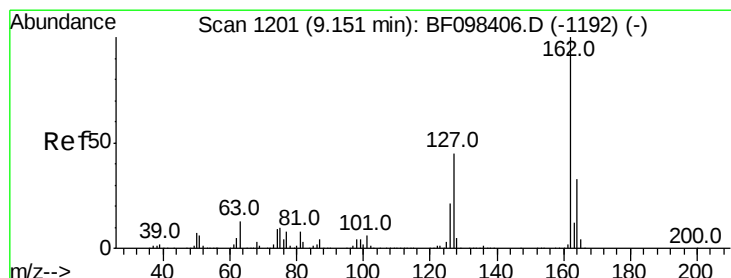
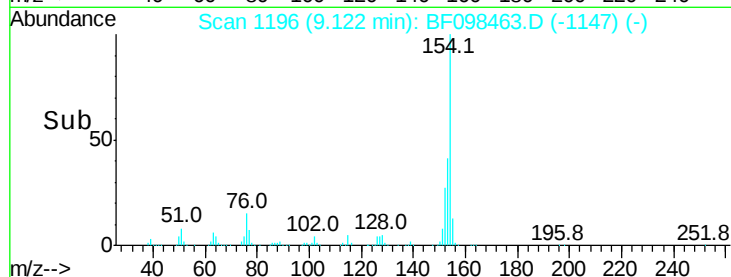
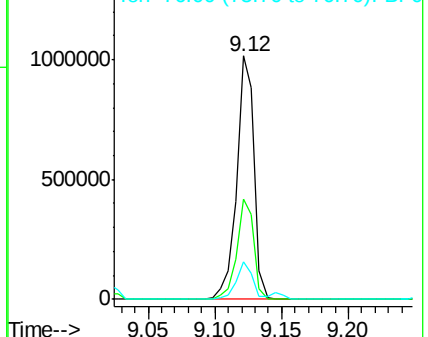
76 15.4 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 35.746 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

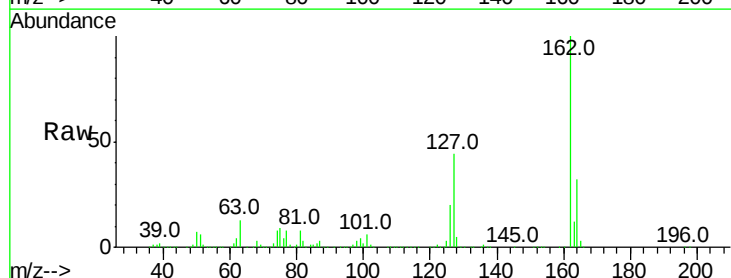
Tgt Ion:162 Resp: 675200

Ion Ratio Lower Upper

162 100

127 44.3 28.3 42.5#

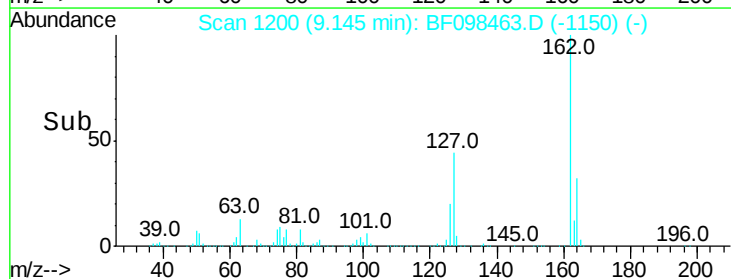
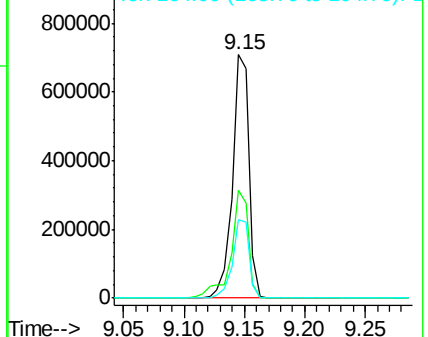
164 32.4 27.0 40.4

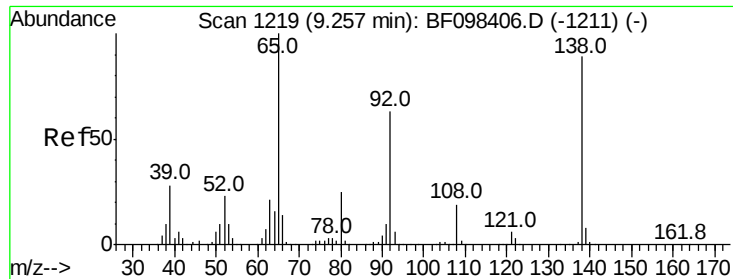


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.279 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

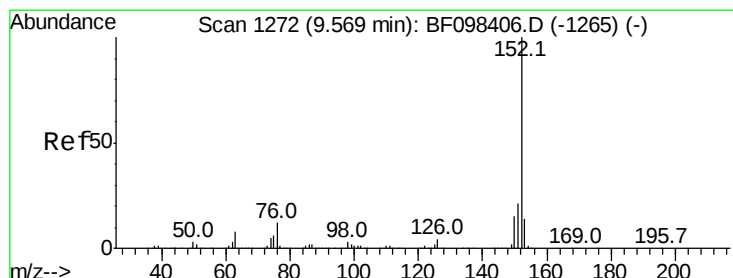
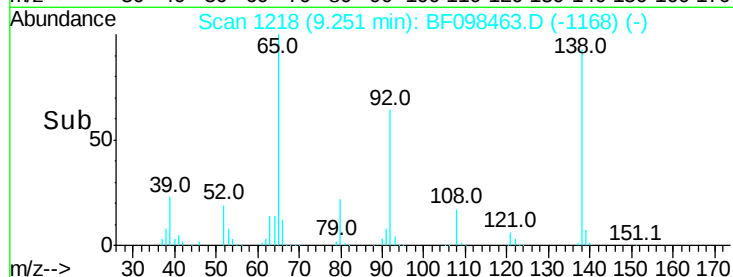
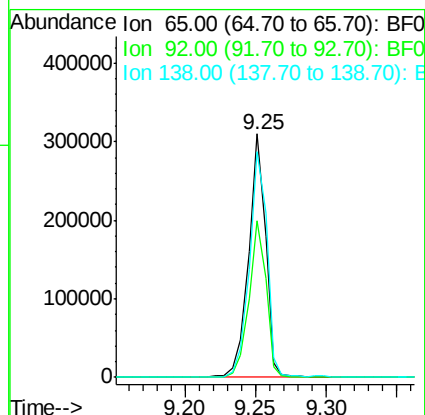
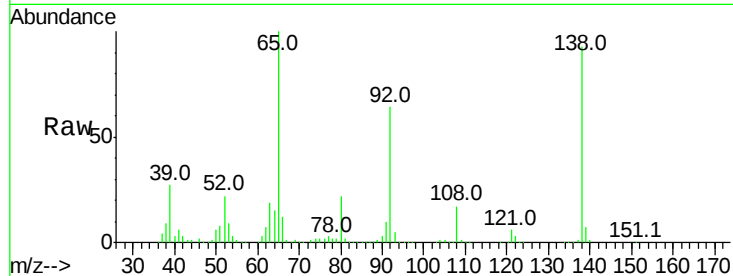
Tot Ion: 65 Resp: 263013

Ion Ratio Lower Upper

65 100

92 64.2 53.9 80.9

138 92.7 78.8 118.2



#48

Acenaphthylene

Concen: 34.872 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

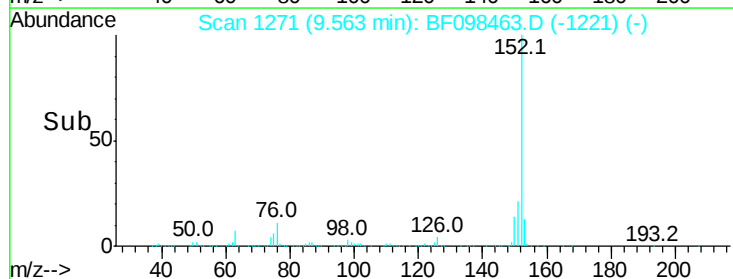
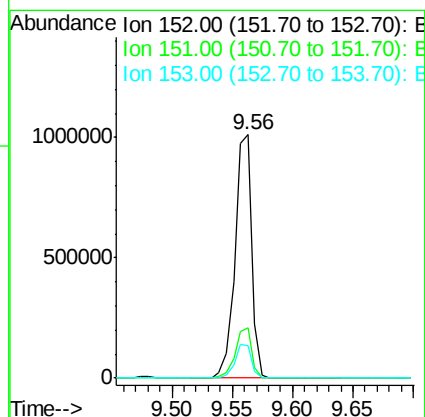
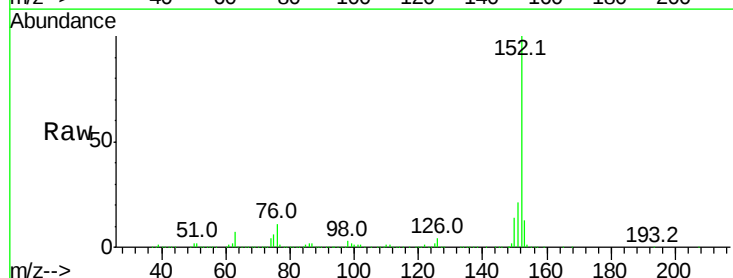
Tgt Ion: 152 Resp: 979382

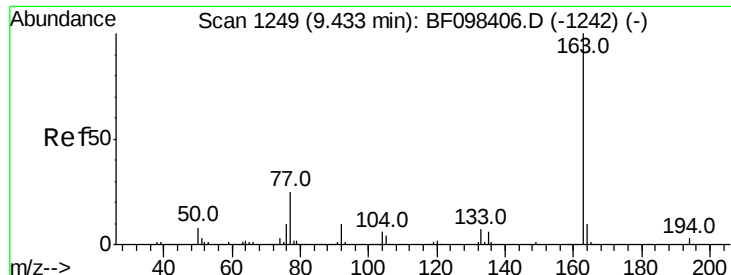
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 43.361 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

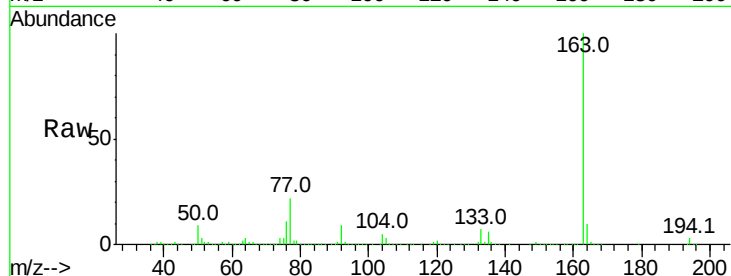
Tot Ion:163 Resp: 991813

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

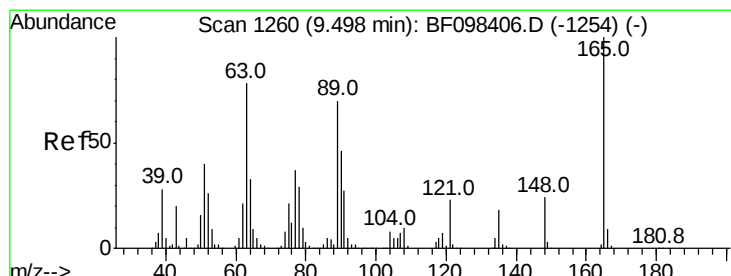
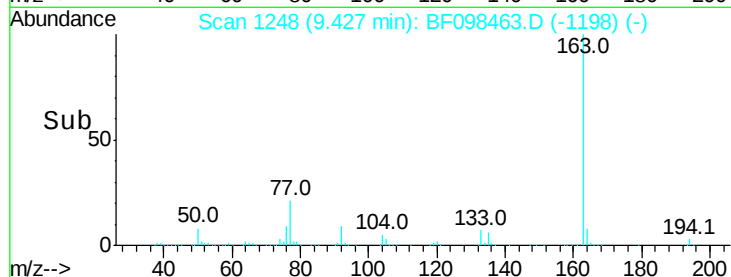
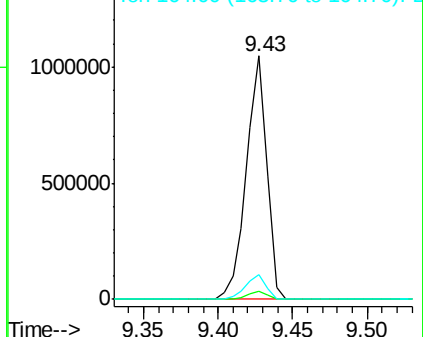
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.782 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

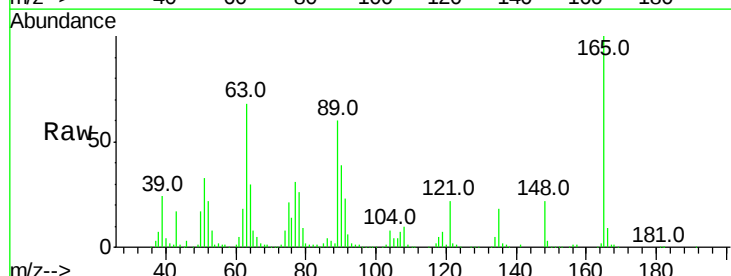
Tgt Ion:165 Resp: 163423

Ion Ratio Lower Upper

165 100

63 68.3 34.3 51.5#

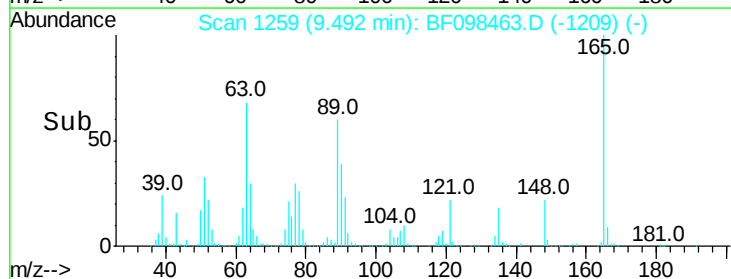
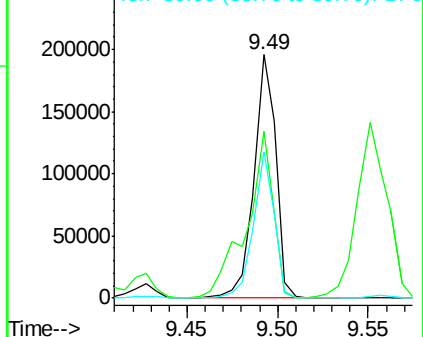
89 59.8 37.1 55.7#

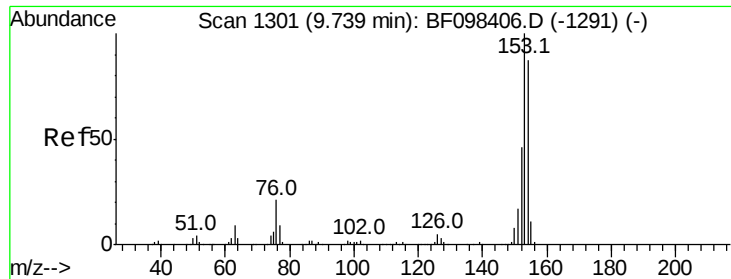


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.653 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

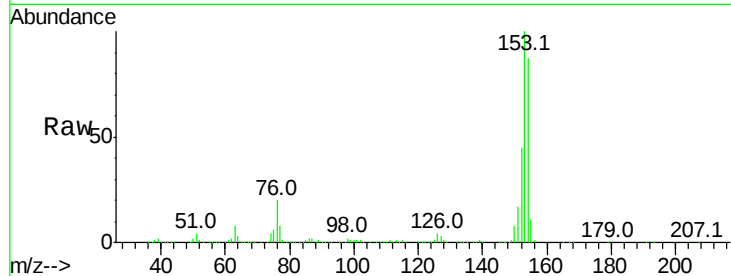
Tot Ion:154 Resp: 600794

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

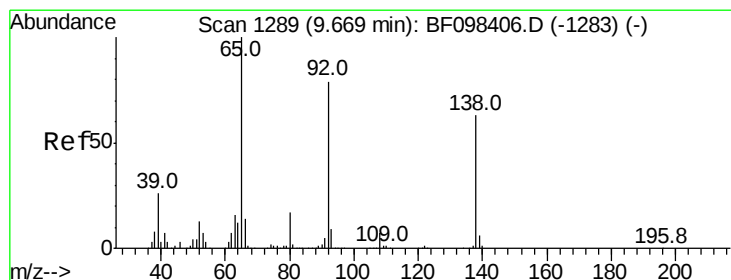
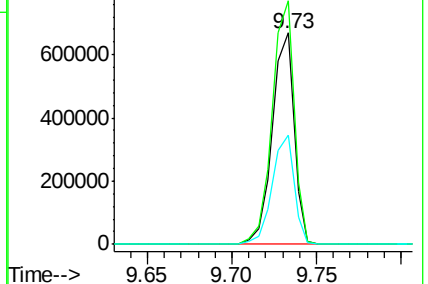
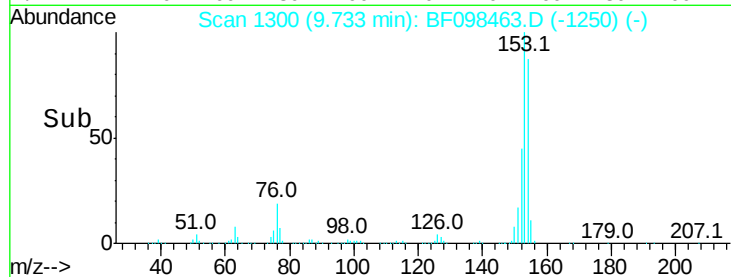
152 51.7 43.6 65.4



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: 31.533 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

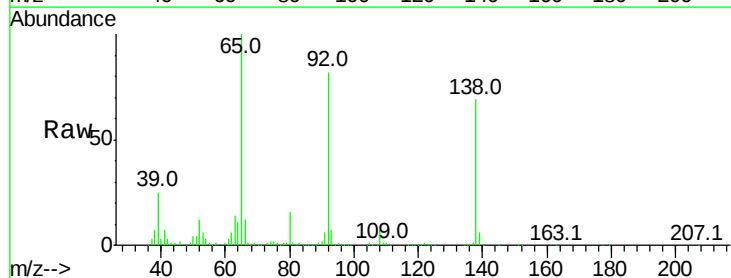
Tgt Ion:138 Resp: 178846

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

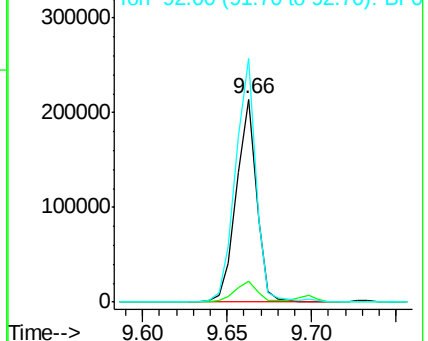
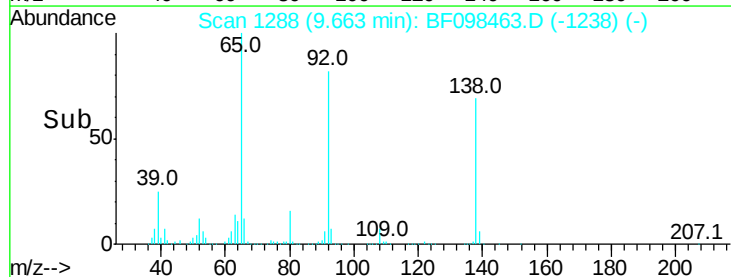
92 119.9 93.8 140.6

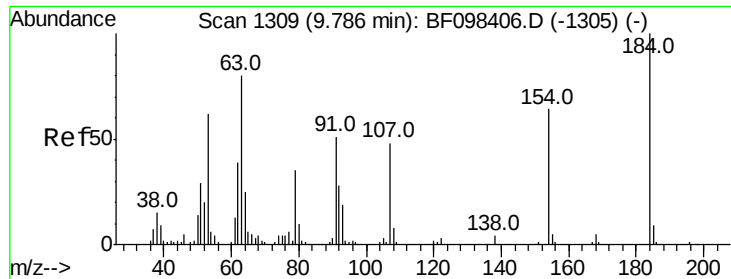


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

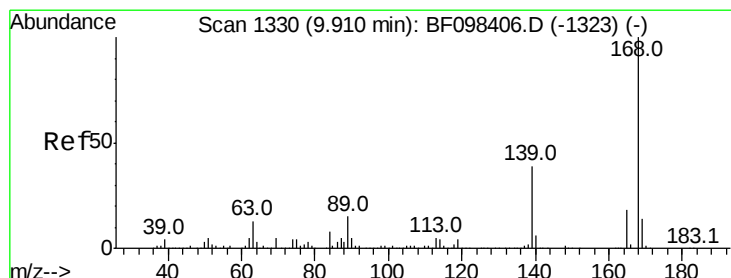
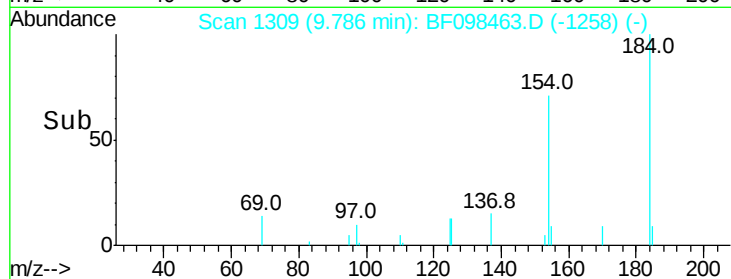
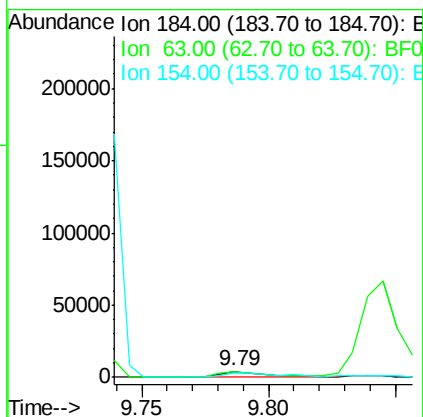
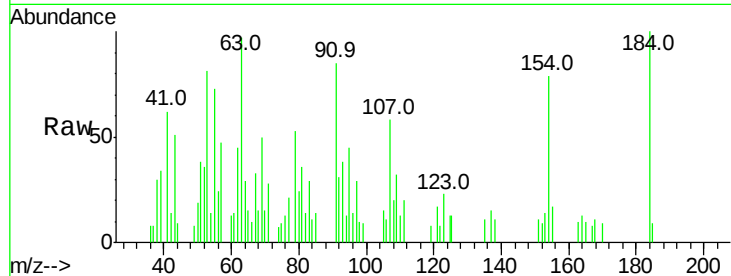




#53
2,4-Dinitrophenol
Concen: 10.822 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

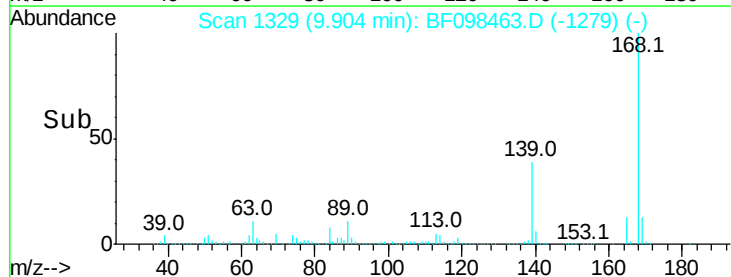
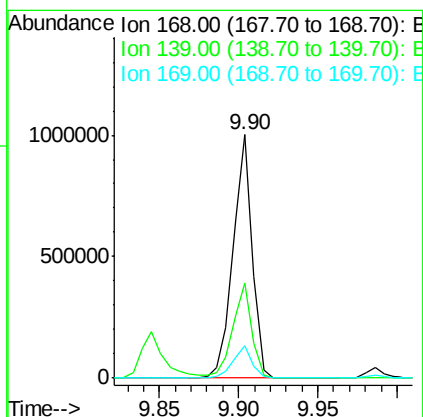
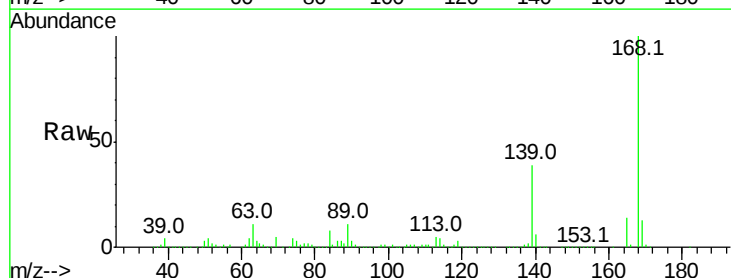
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

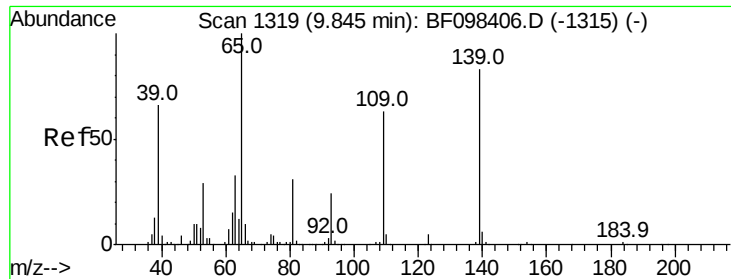
Tot Ion:184 Resp: 5710
Ion Ratio Lower Upper
184 100
63 96.8 62.7 94.1#
154 78.5 81.1 121.7#



#54
Dibenzofuran
Concen: 35.702 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:168 Resp: 839664
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8
169 13.4 10.8 16.2

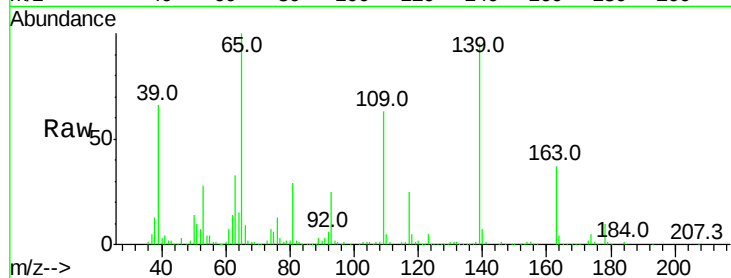




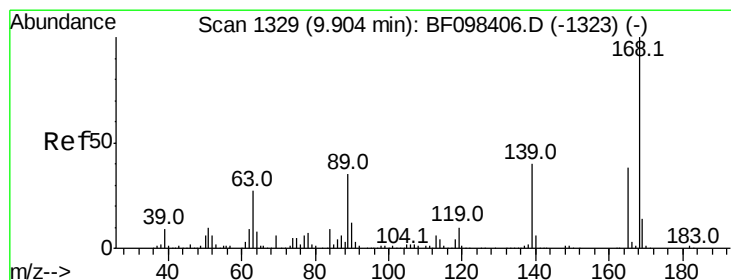
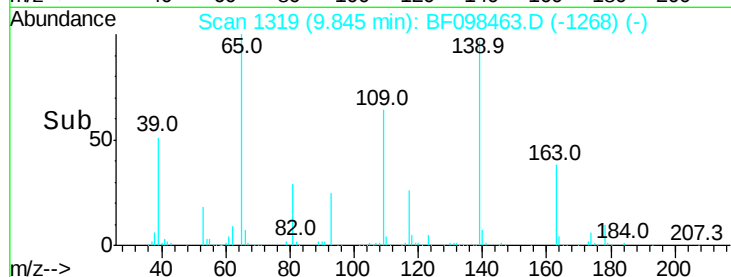
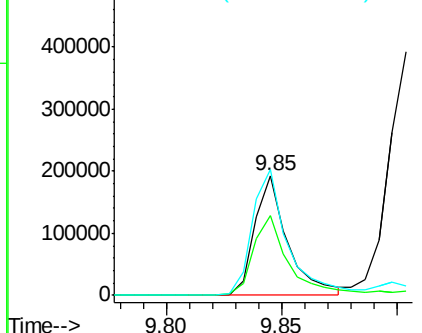
#55
4-Nitrophenol
Concen: 59.467 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

Tot Ion:139 Resp: 193774
Ion Ratio Lower Upper
139 100
109 66.5 34.1 74.1
65 105.2 31.4 71.4#

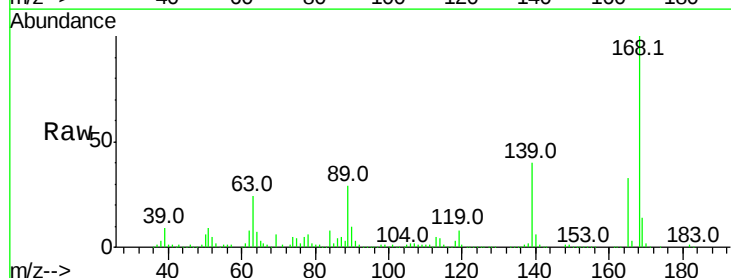


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

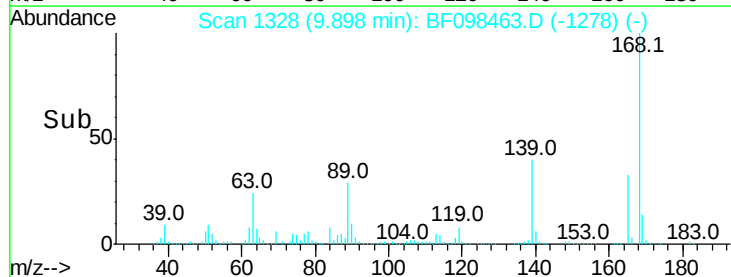
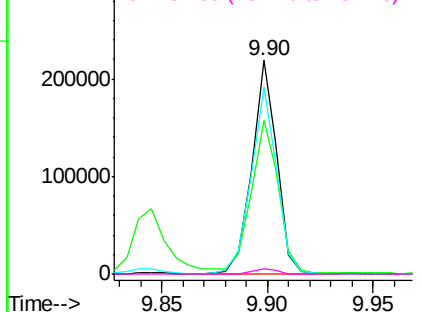


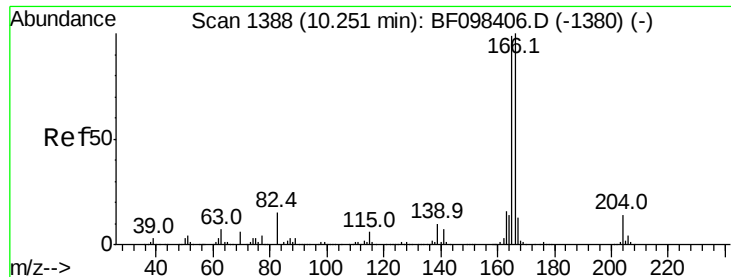
#56
2,4-Dinitrotoluene
Concen: 31.548 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:165 Resp: 180207
Ion Ratio Lower Upper
165 100
63 72.2 25.4 38.0#
89 87.3 46.4 69.6#
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.056 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

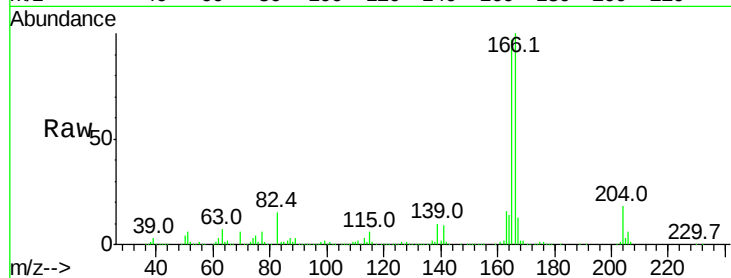
Tot Ion:166 Resp: 643481

Ion Ratio Lower Upper

166 100

165 97.0 78.8 118.2

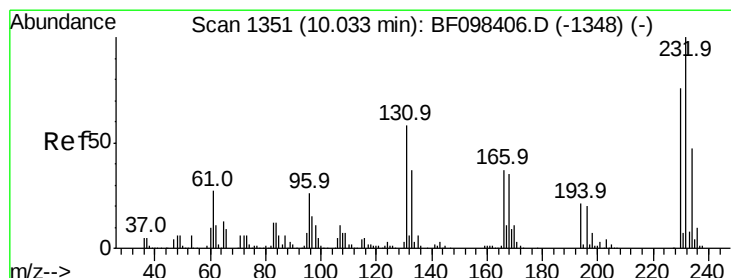
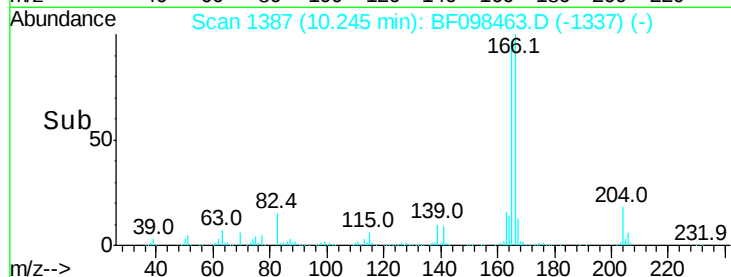
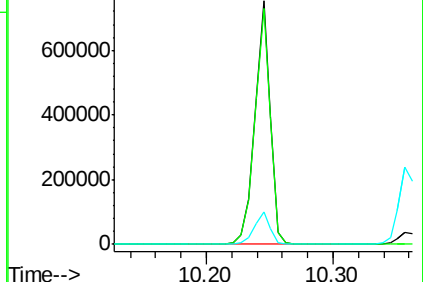
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.579 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:232 Resp: 138915

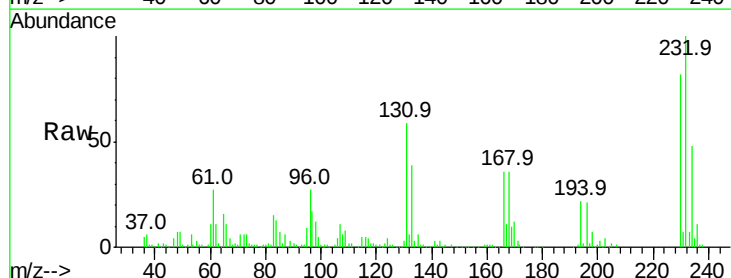
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.8 2.3 3.5

166 33.8 29.0 43.4

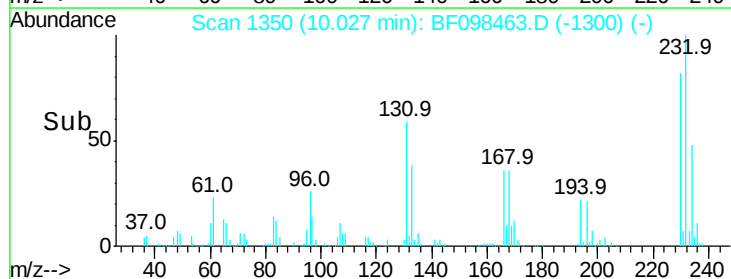
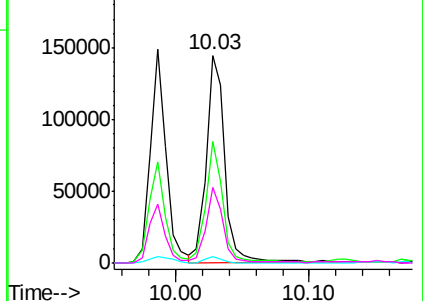


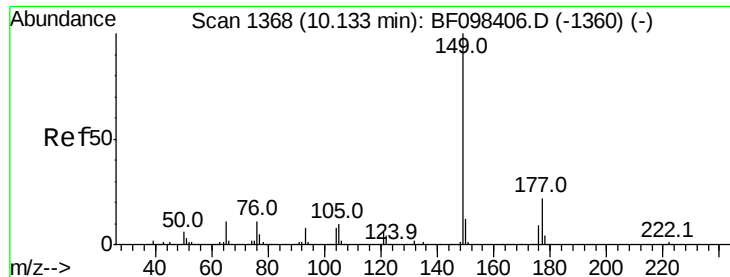
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.009 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampled :

RL-5-0-13.75MSD

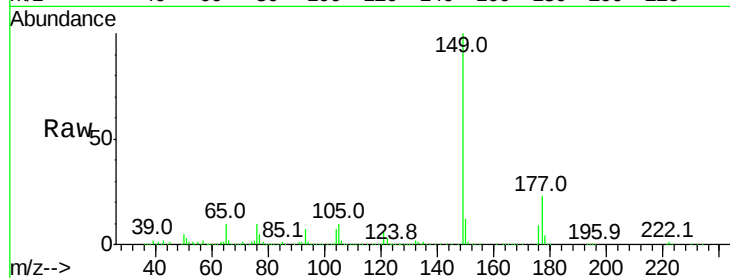
Tot Ion:149 Resp: 761556

Ion Ratio Lower Upper

149 100

177 22.6 16.7 25.1

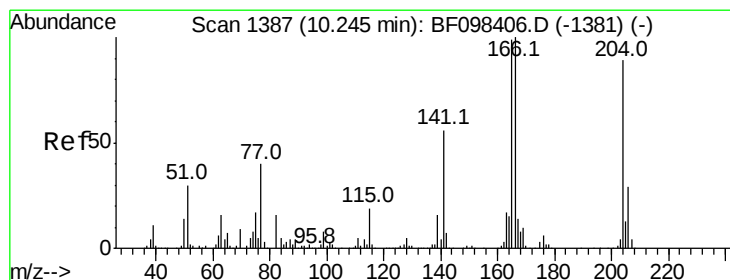
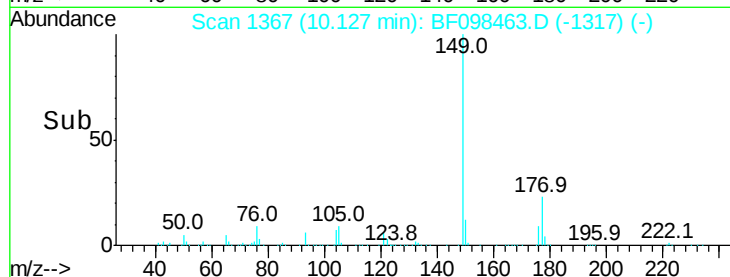
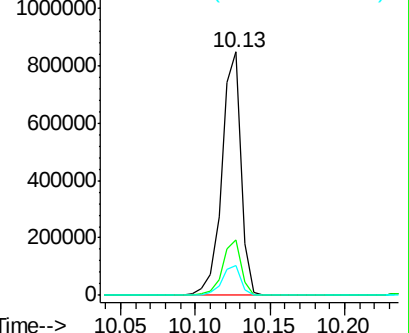
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.897 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

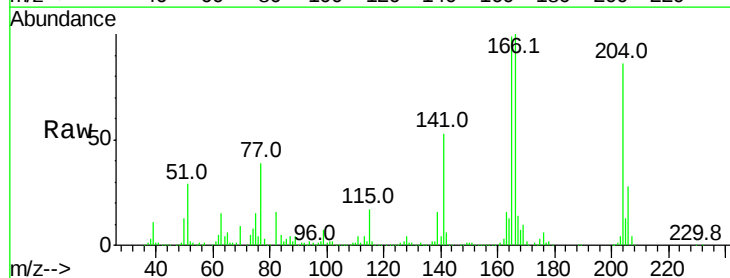
Tgt Ion:204 Resp: 313768

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

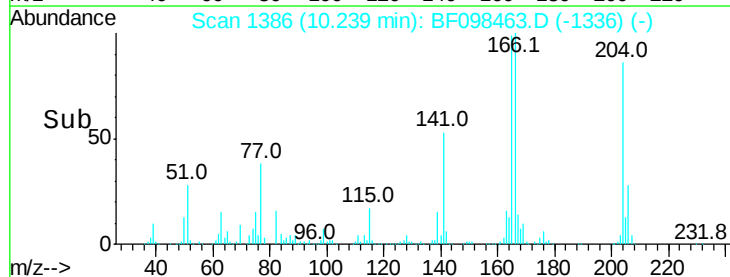
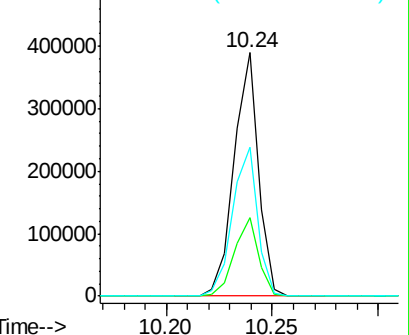
141 61.1 60.8 91.2

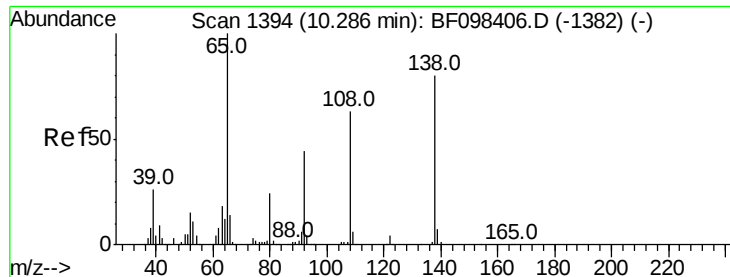


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

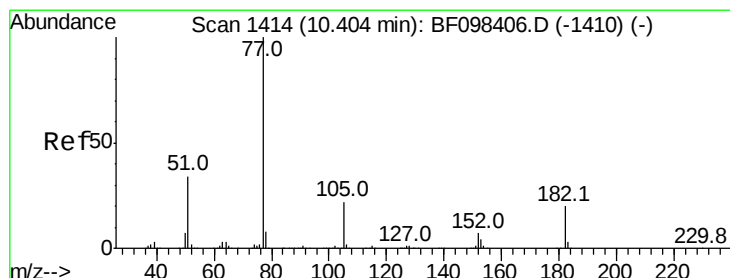
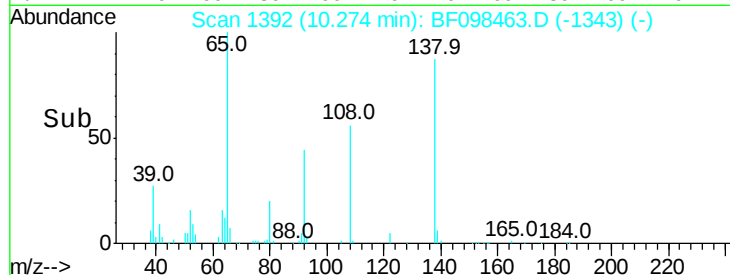
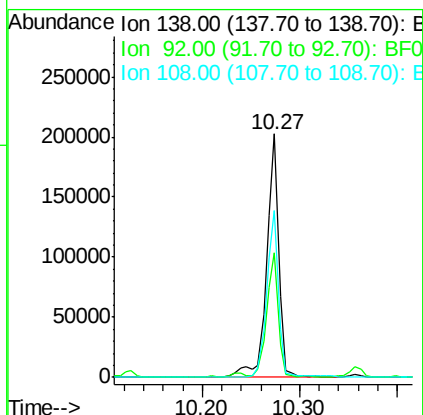
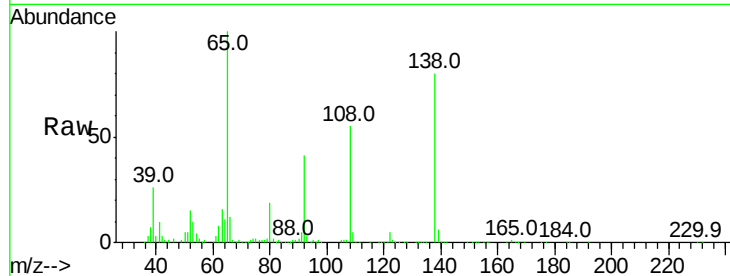




#61
4-Nitroaniline
Concen: 31.678 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

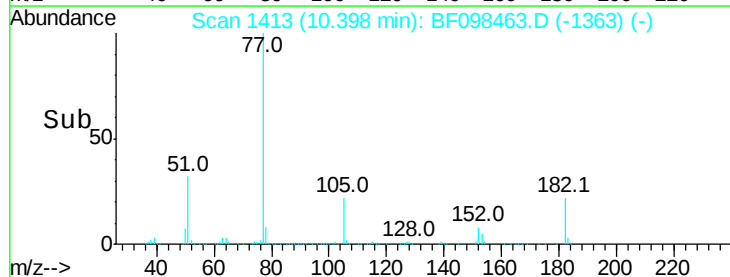
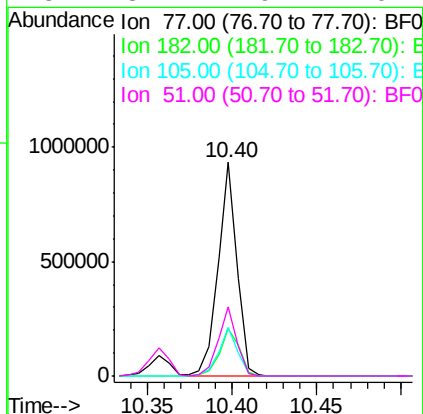
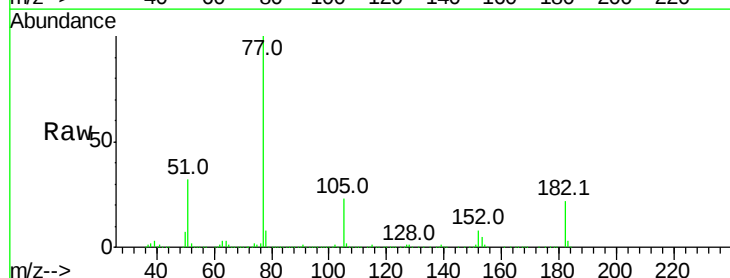
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

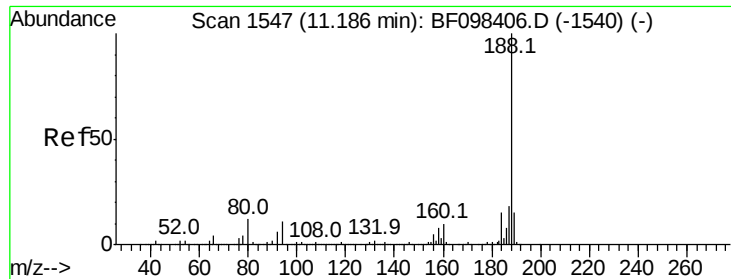
Tot Ion:138 Resp: 181444
Ion Ratio Lower Upper
138 100
92 50.9 21.8 61.8
108 68.4 42.3 82.3



#62
Azobenzene
Concen: 31.141 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion: 77 Resp: 730102
Ion Ratio Lower Upper
77 100
182 22.2 0.1 40.1
105 22.6 3.6 43.6
51 32.2 9.4 49.4

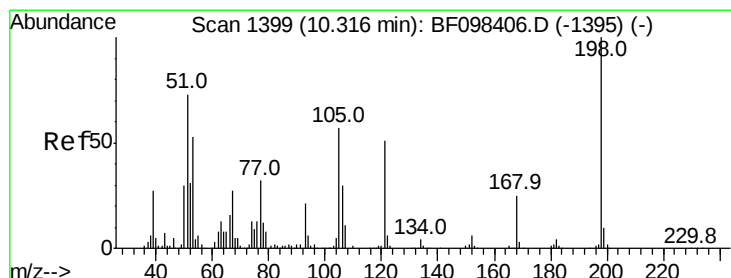
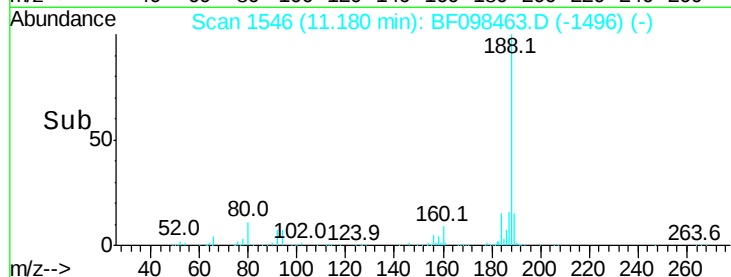
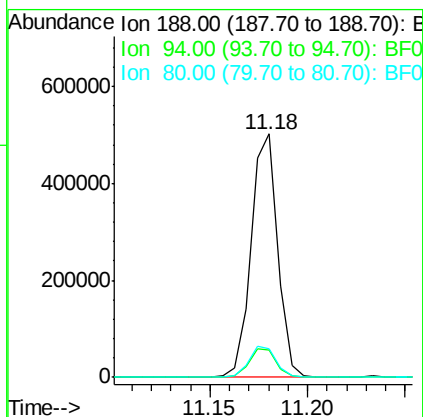
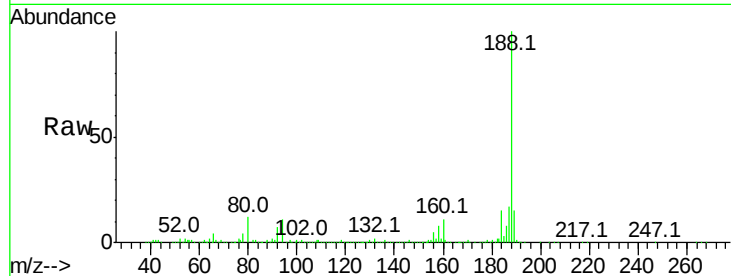




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

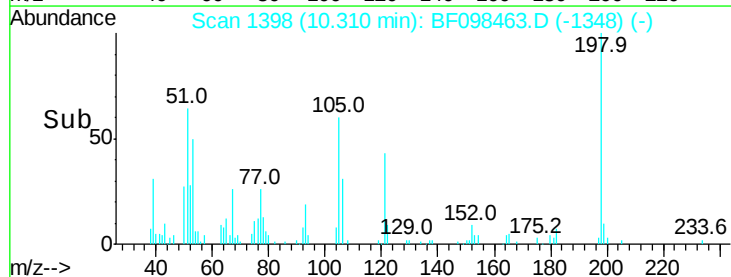
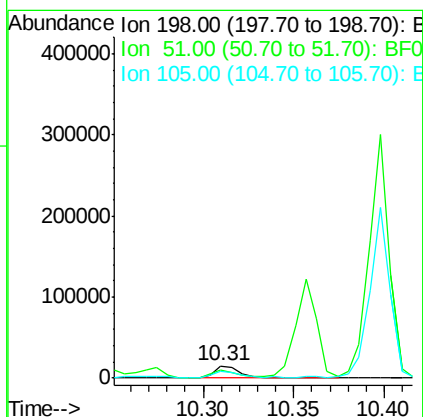
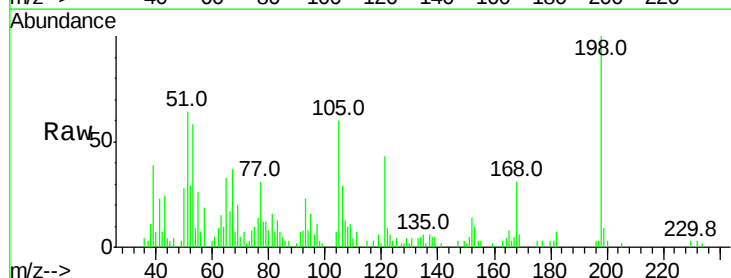
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

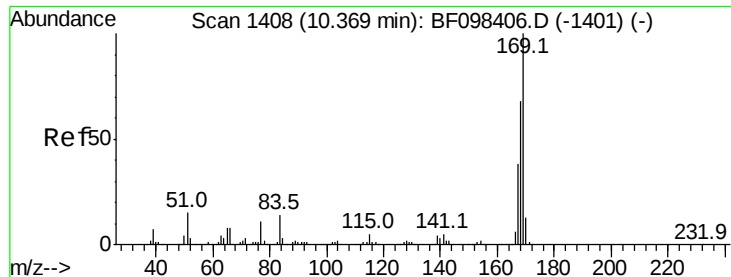
Tot Ion:188 Resp: 470733
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 9.774 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:198 Resp: 15490
Ion Ratio Lower Upper
198 100
51 63.9 53.2 93.2
105 59.6 45.8 85.8

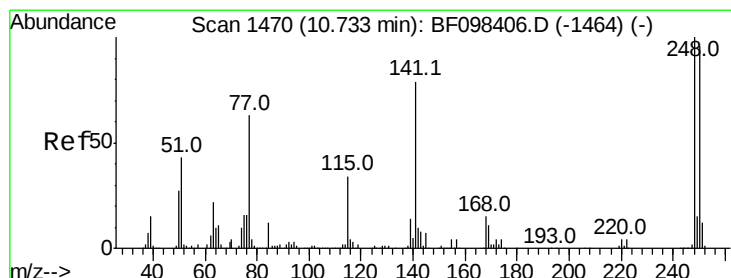
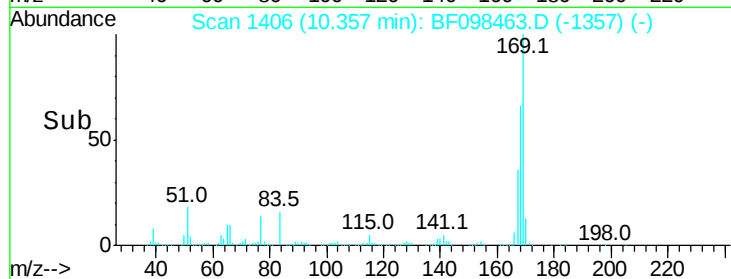
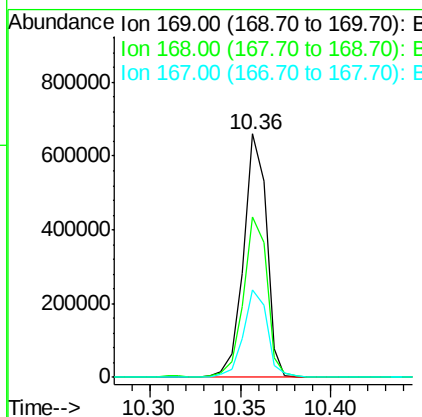
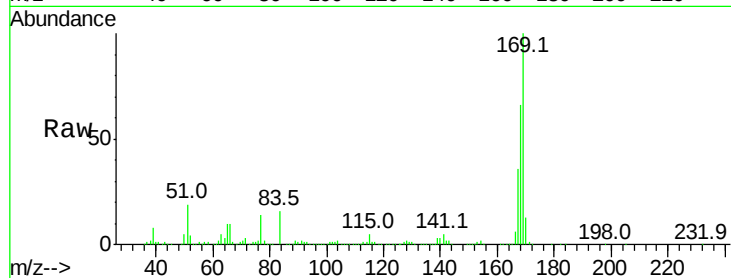




#65
 n-Nitrosodiphenylamine
 Concen: 37.921 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

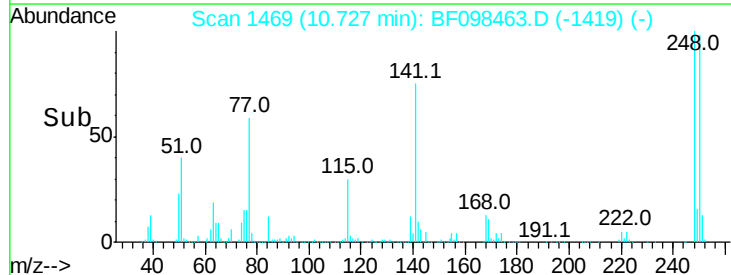
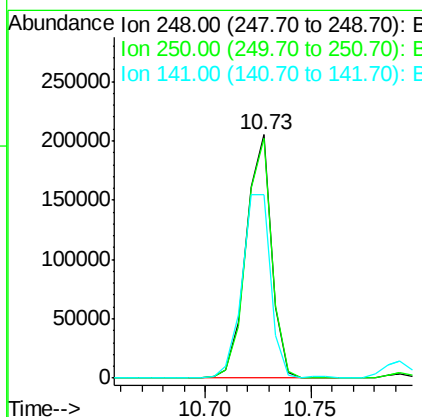
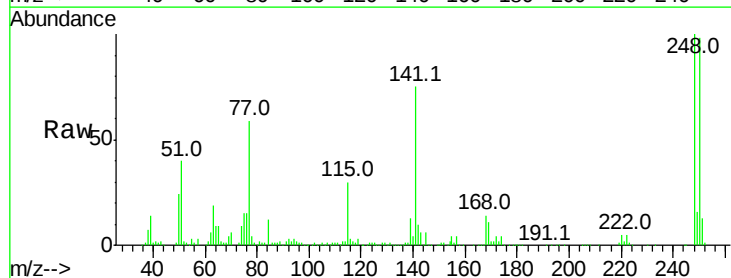
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

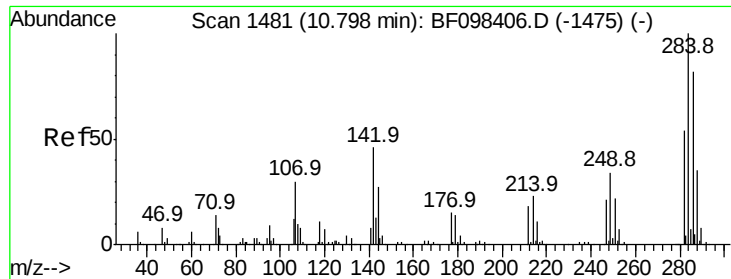
Tot Ion:169 Resp: 579620
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.2 79.8
 167 36.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.446 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:248 Resp: 171765
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 75.2 68.6 103.0

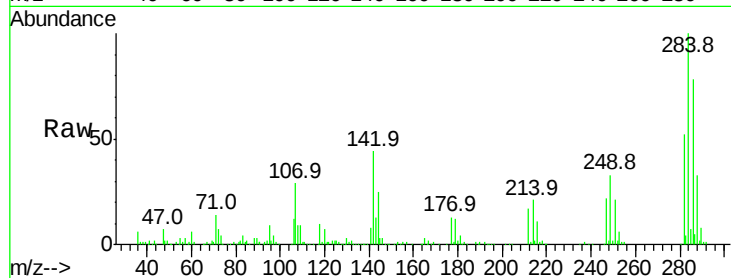




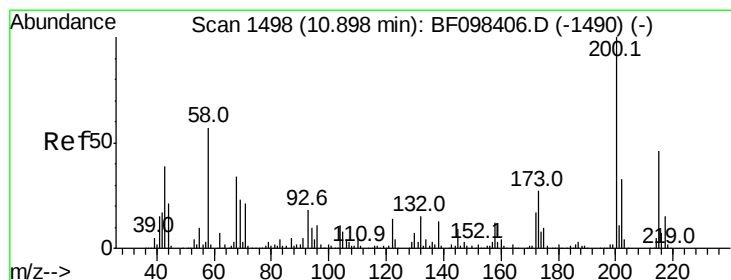
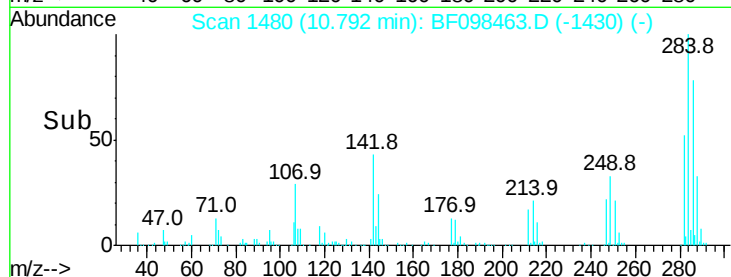
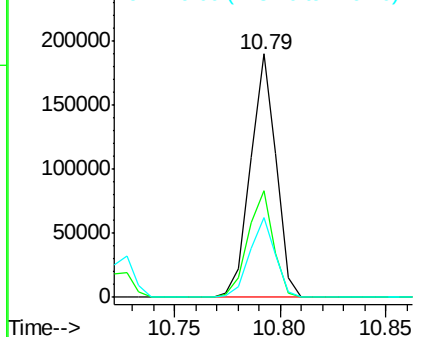
#67
Hexachlorobenzene
Concen: 35.376 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

Tot Ion:284 Resp: 160316
Ion Ratio Lower Upper
284 100
142 43.9 22.8 34.2#
249 32.9 24.0 36.0

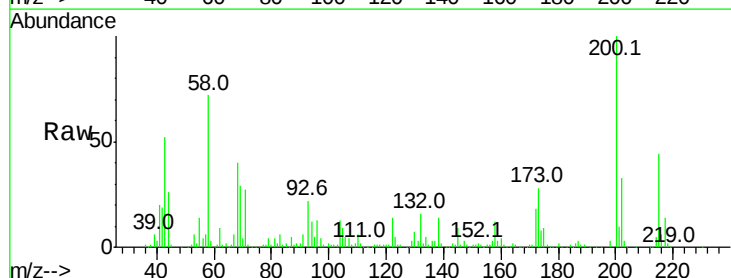


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

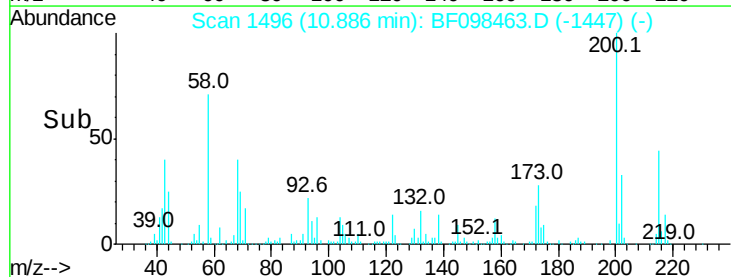
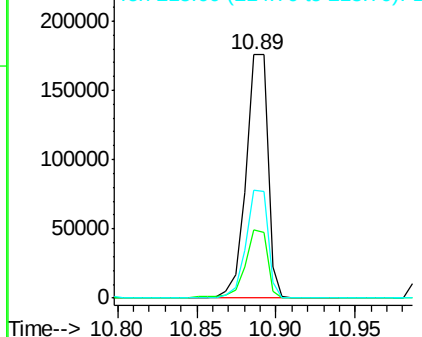


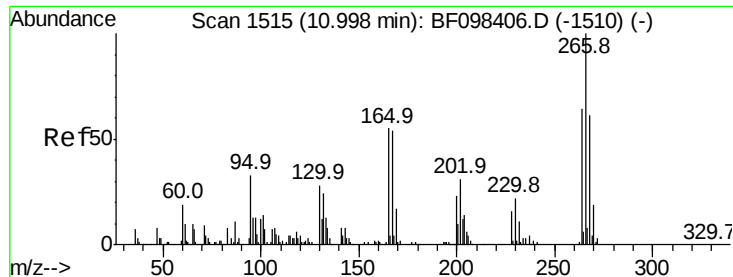
#68
Atrazine
Concen: 35.789 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:200 Resp: 168409
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 44.3 27.2 67.2



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

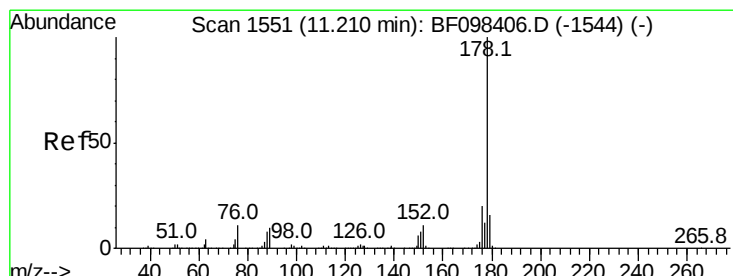
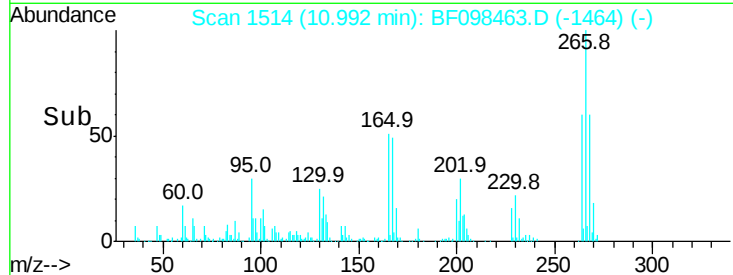
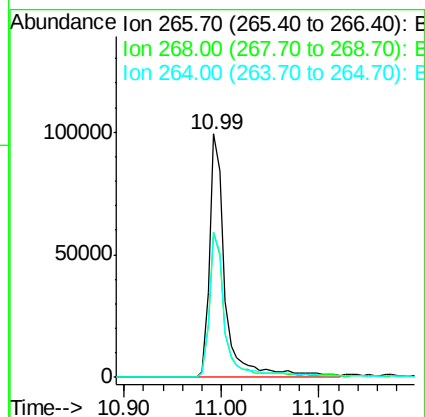
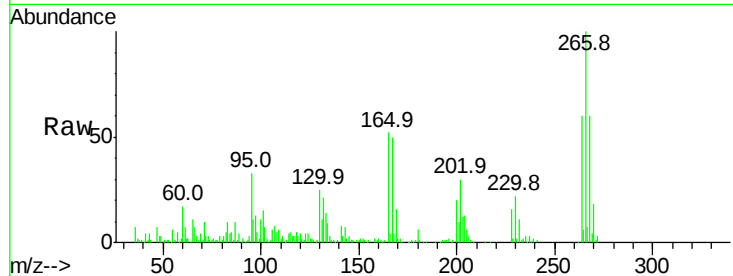




#69
 Pentachlorophenol
 Concen: 58.018 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

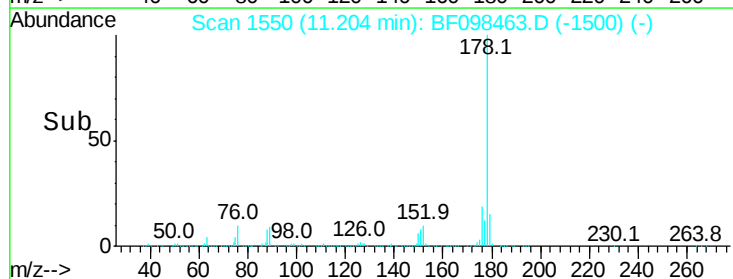
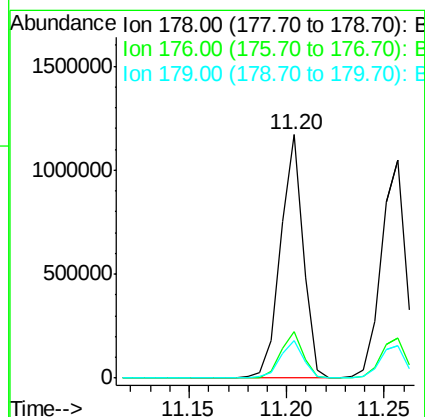
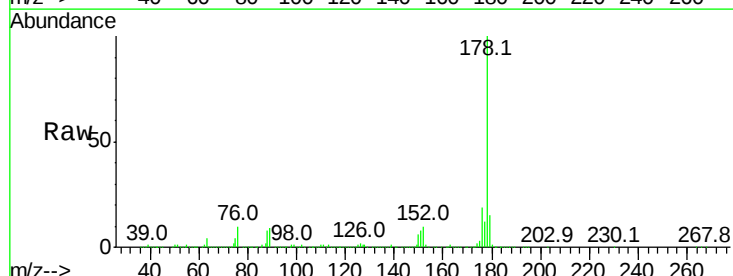
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

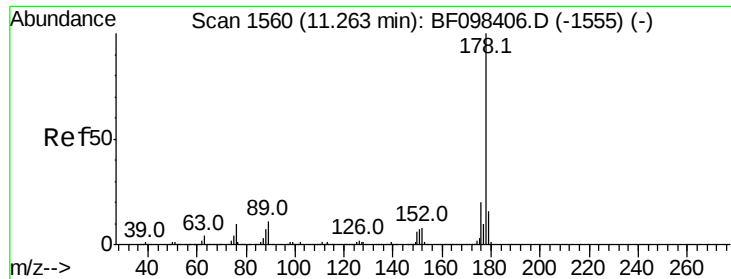
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.7	51.1	76.7
264	59.7	51.7	77.5



#70
 Phenanthrene
 Concen: 37.751 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0

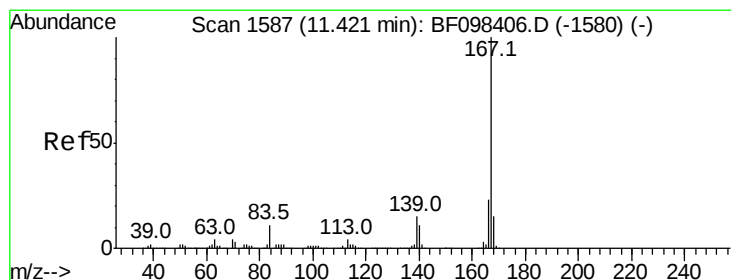
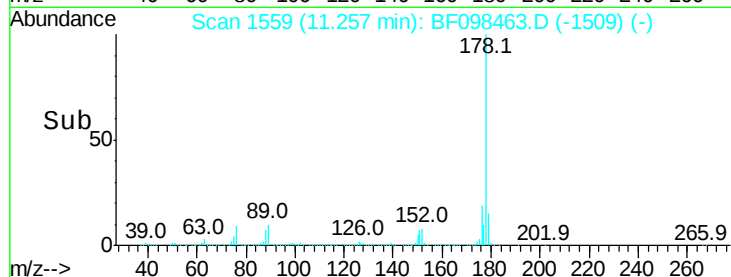
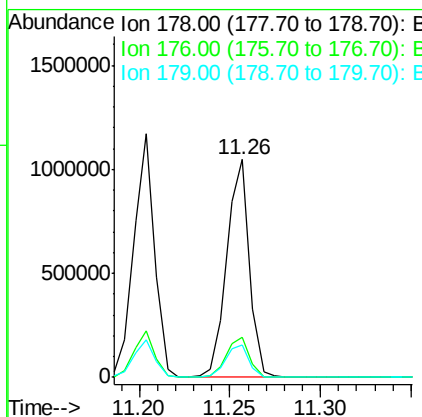
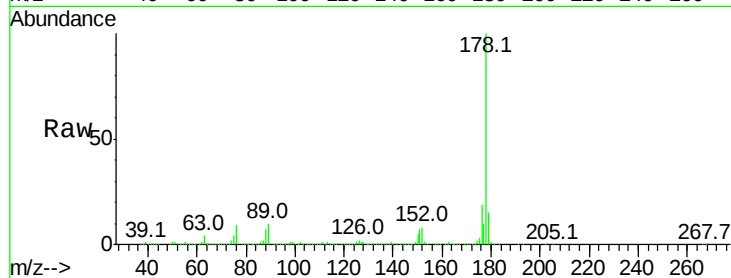




#71
 Anthracene
 Concen: 35.415 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

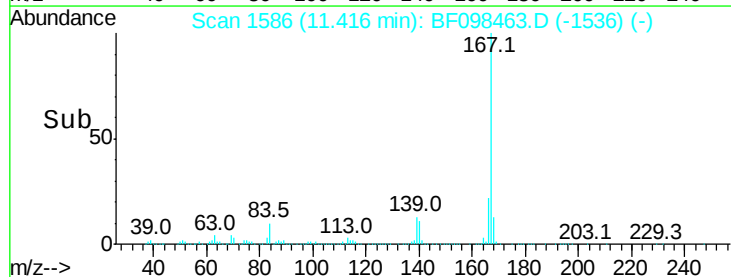
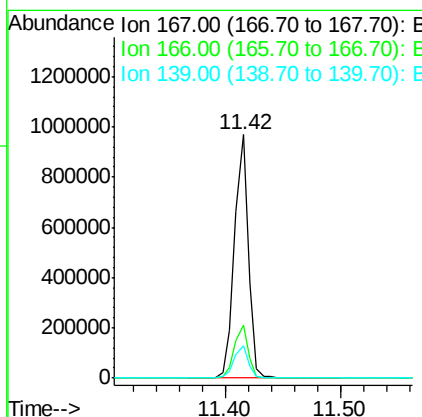
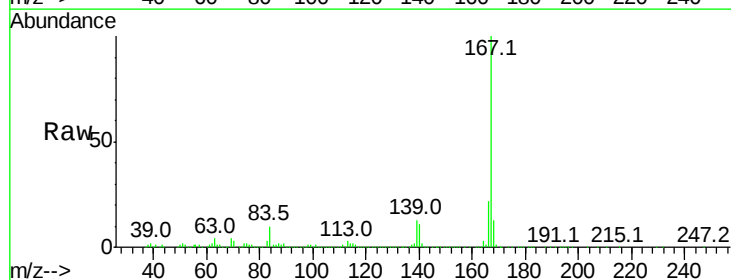
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

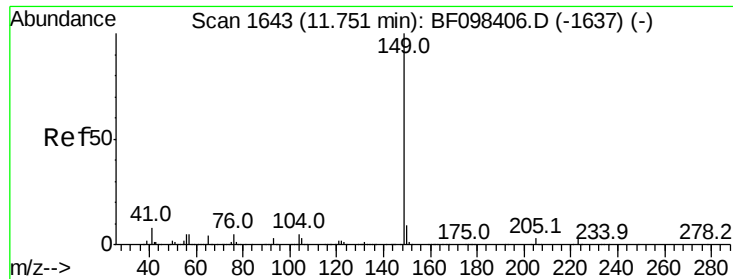
Tot Ion:178 Resp: 907383
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 33.757 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:167 Resp: 806054
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.406 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

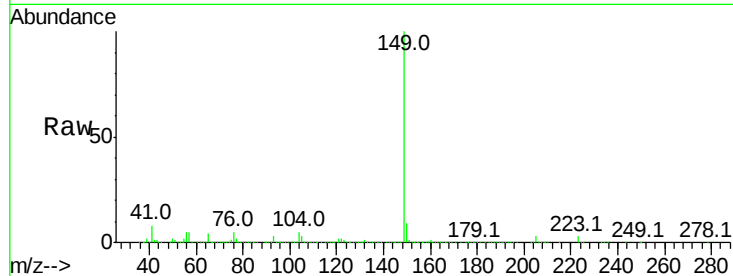
Tot Ion:149 Resp: 1041545

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

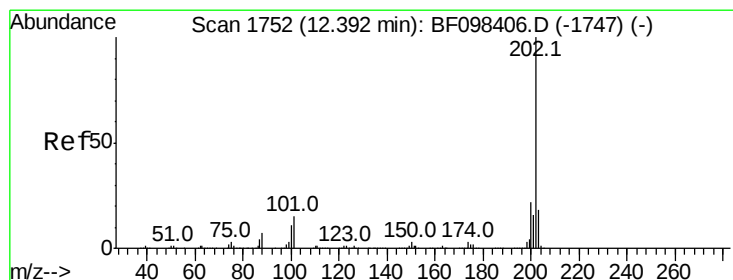
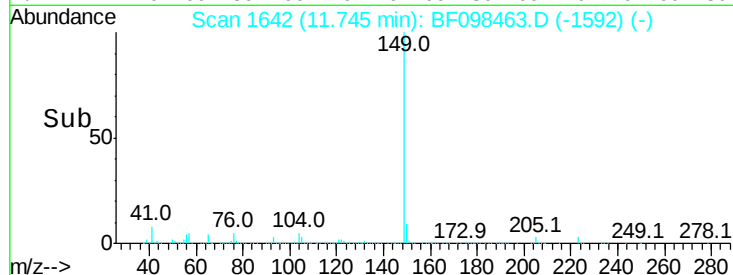
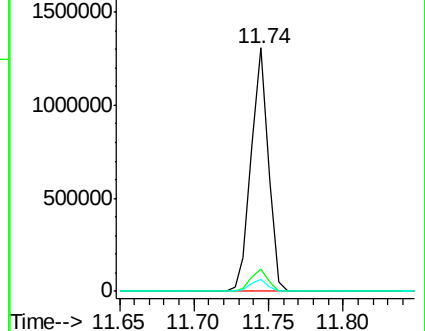
104 5.0 4.0 6.0



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: 38.380 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

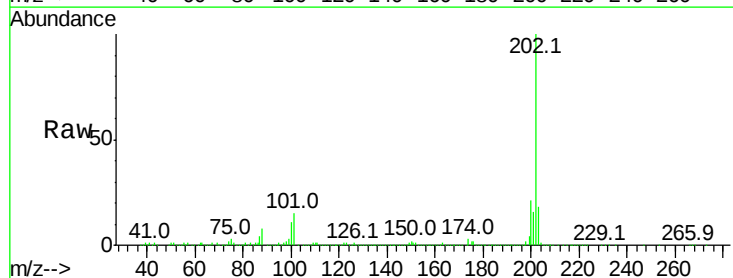
Tgt Ion:202 Resp: 958794

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

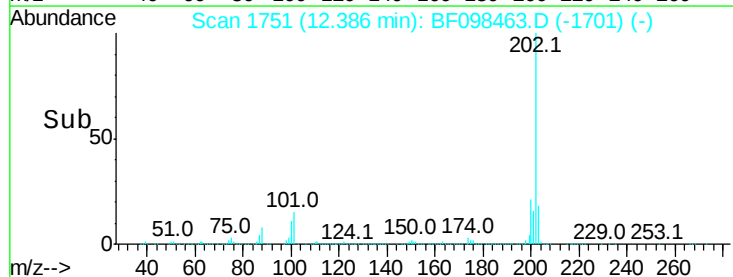
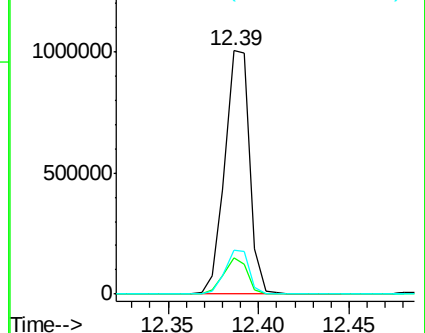
203 17.9 0.0 38.1

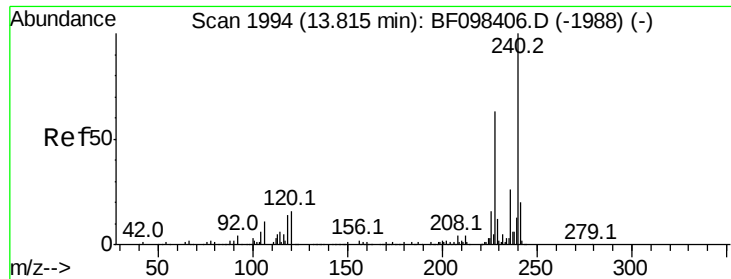


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

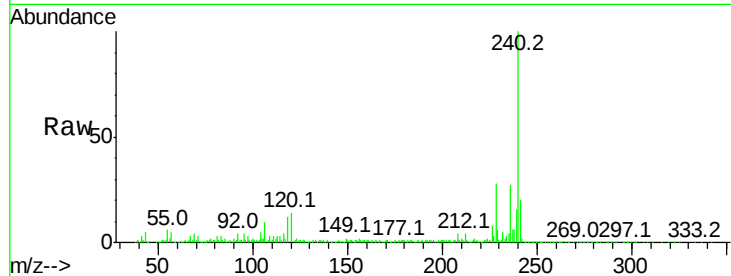
Tot Ion:240 Resp: 337917

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

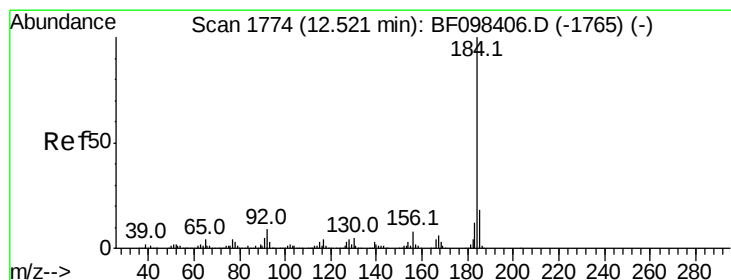
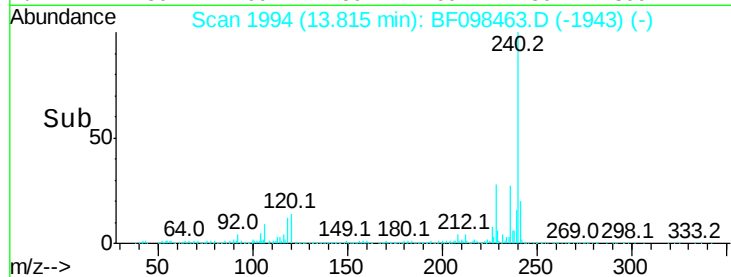
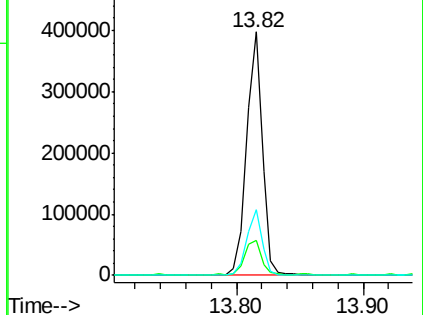
236 26.8 20.5 30.7



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: 17.995 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

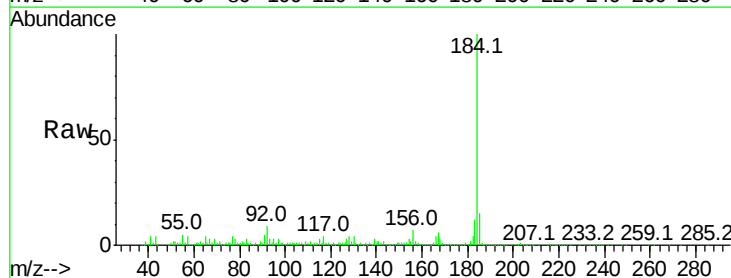
Tgt Ion:184 Resp: 269114

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

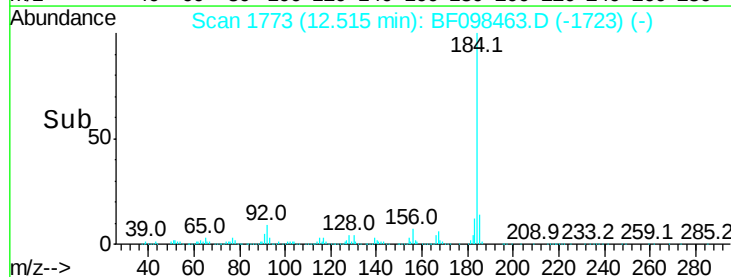
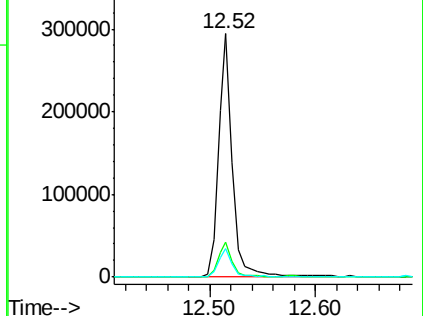
183 11.8 9.8 14.6

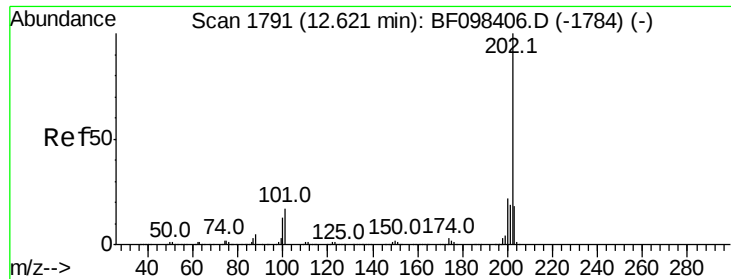


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.514 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

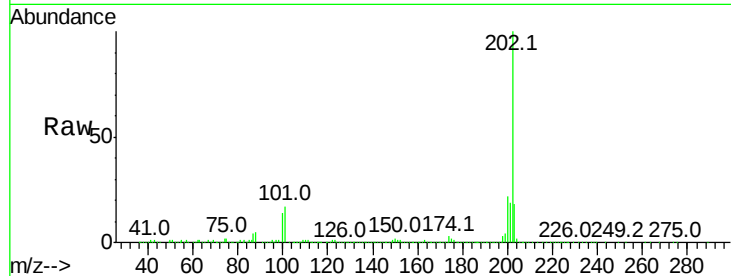
Tot Ion:202 Resp: 973364

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

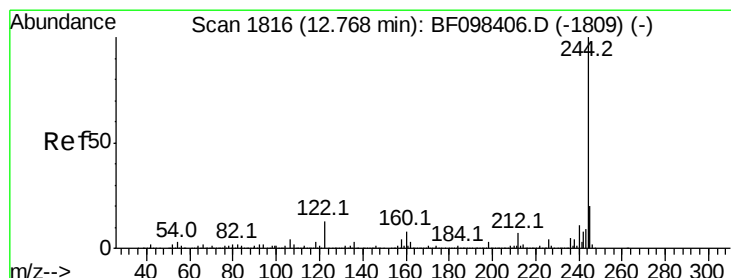
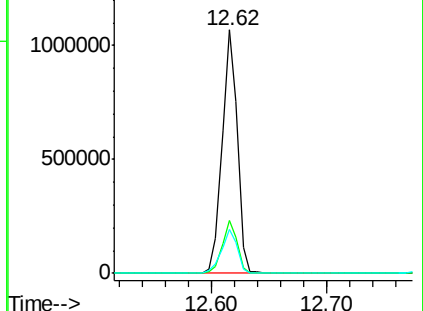
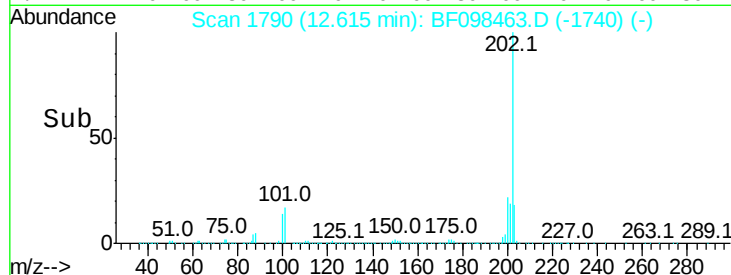
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.546 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

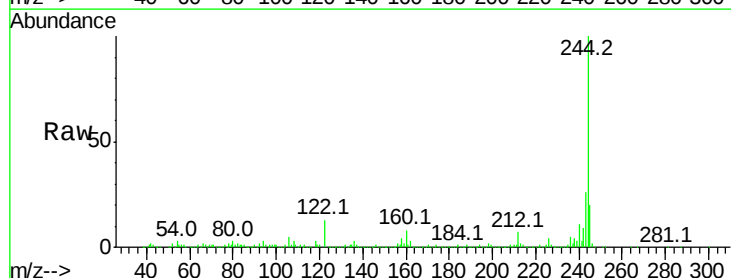
Tgt Ion:244 Resp: 932215

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

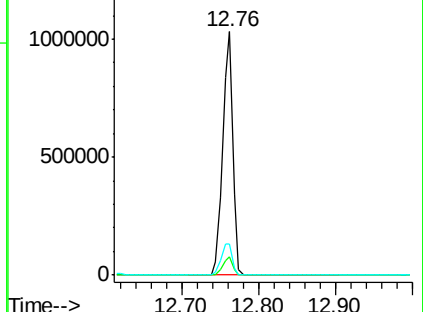
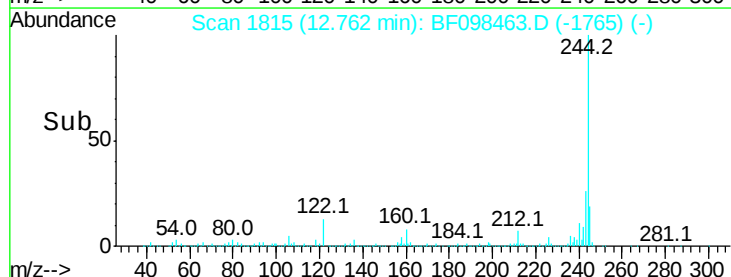
122 12.6 10.3 15.5

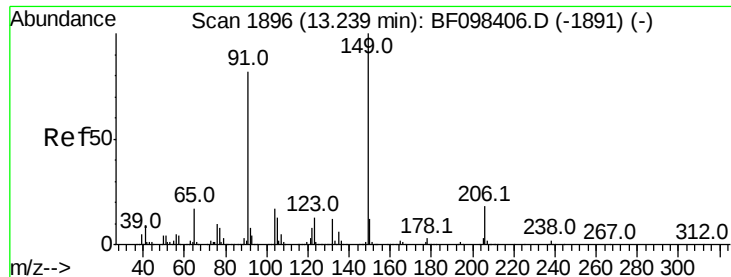


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

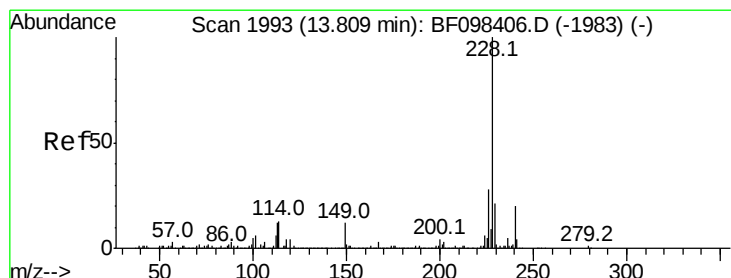
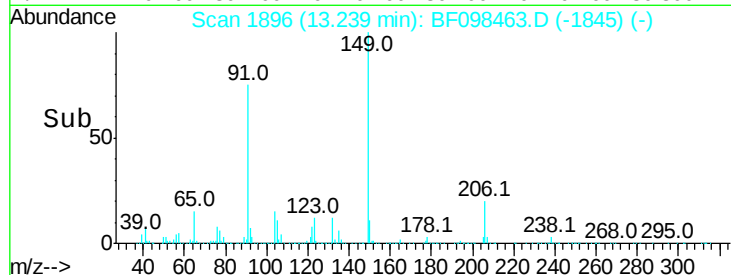
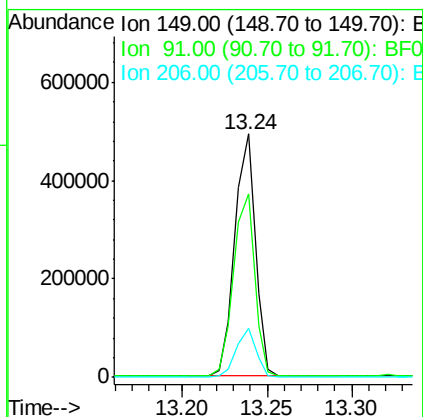
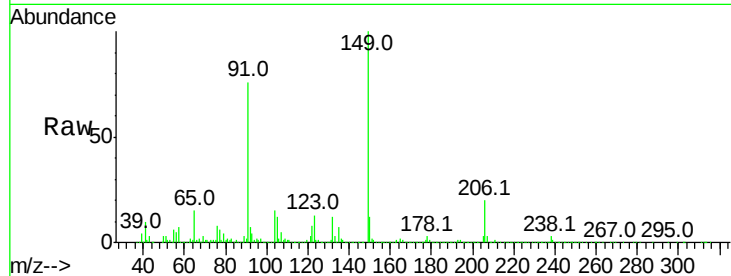




#79
Butylbenzylphthalate
Concen: 36.127 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

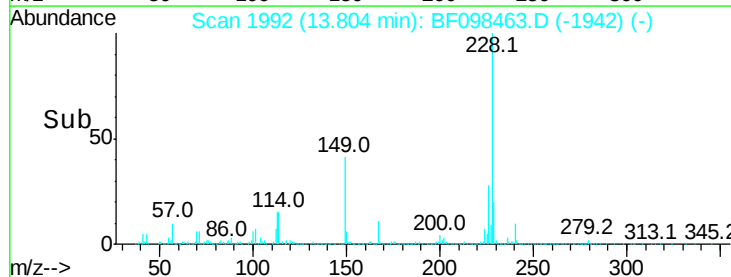
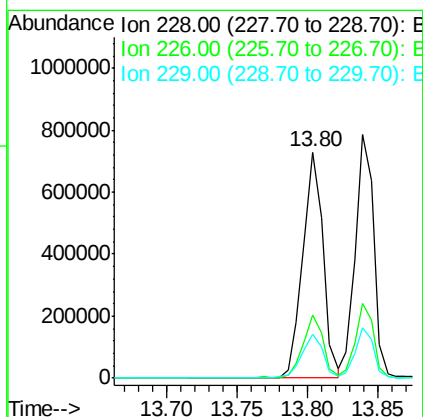
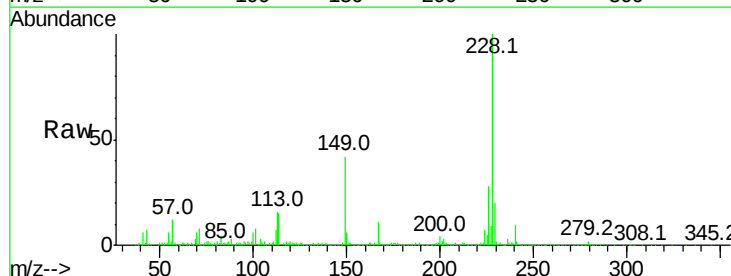
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MSD

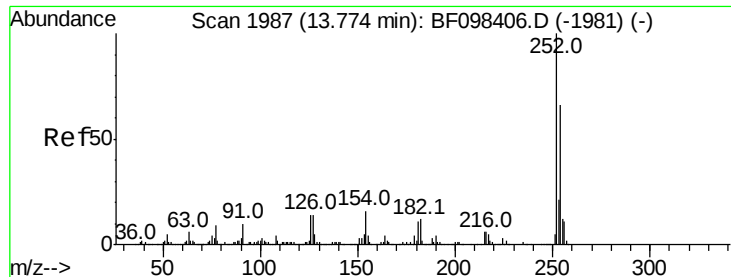
Tot Ion:149 Resp: 417787
Ion Ratio Lower Upper
149 100
91 75.5 45.0 67.4#
206 20.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 36.811 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion:228 Resp: 729287
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.7 16.3 24.5

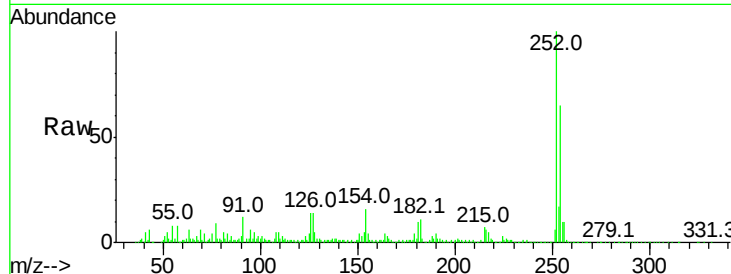




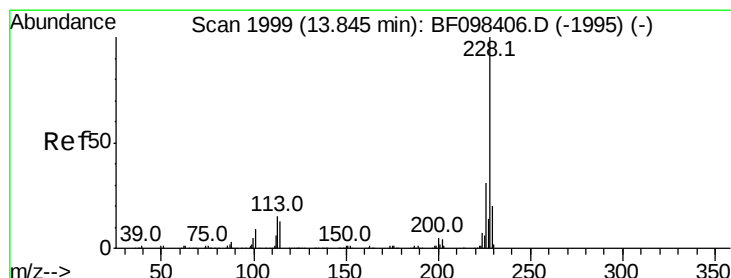
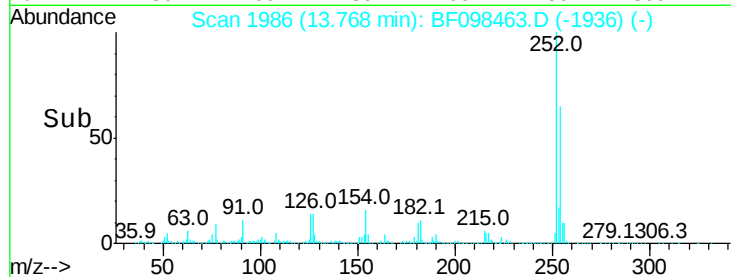
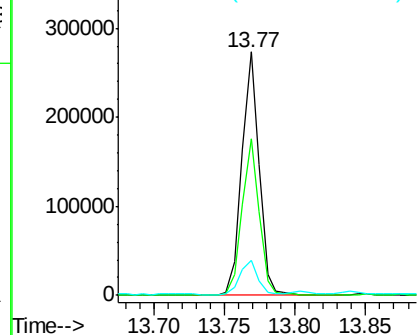
#81
 3,3'-Dichlorobenzidine
 Concen: 30.511 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.4	15.8	23.8#

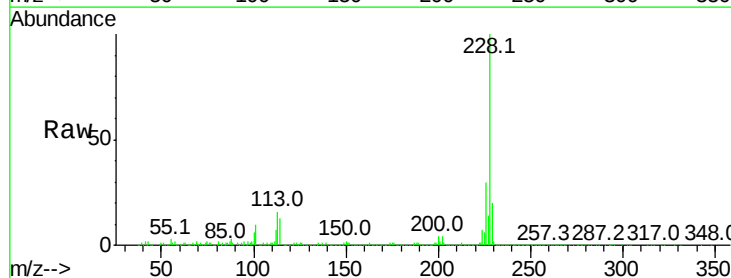


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

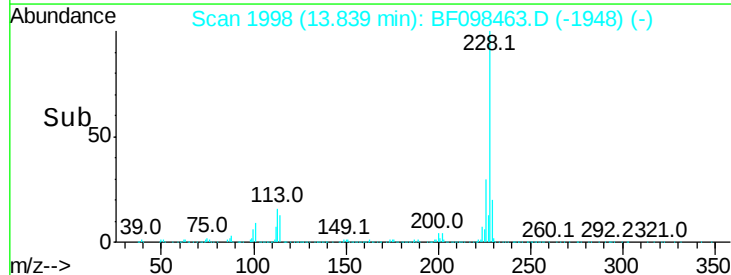
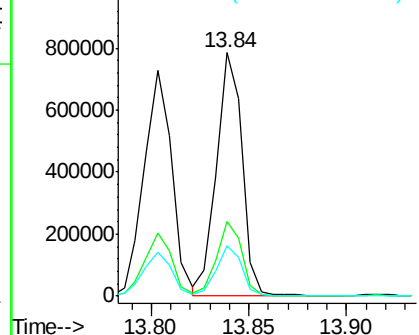


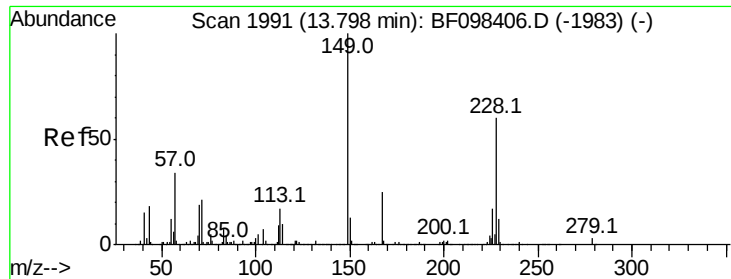
#82
 Chrysene
 Concen: 35.367 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.5	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

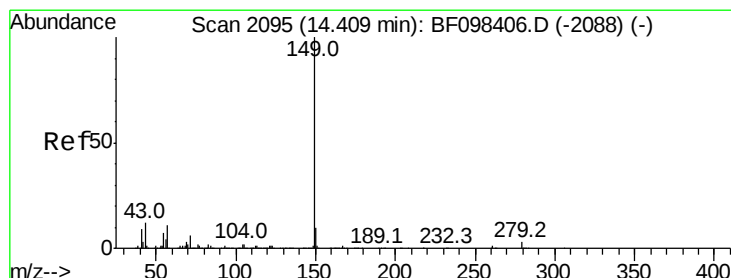
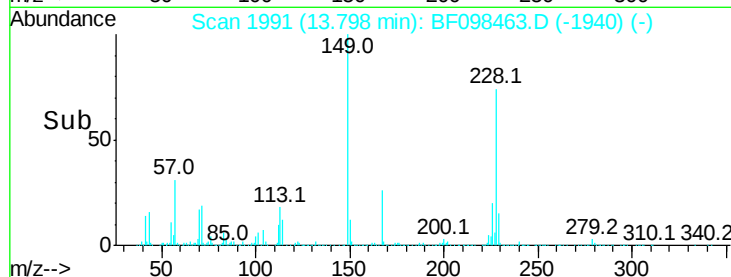
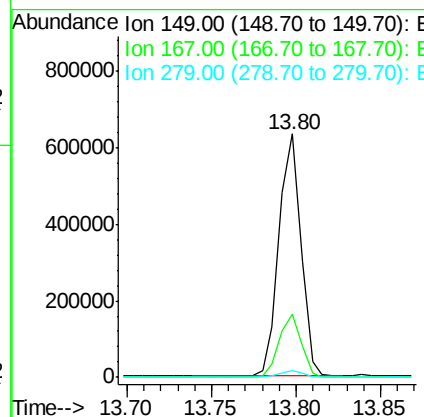
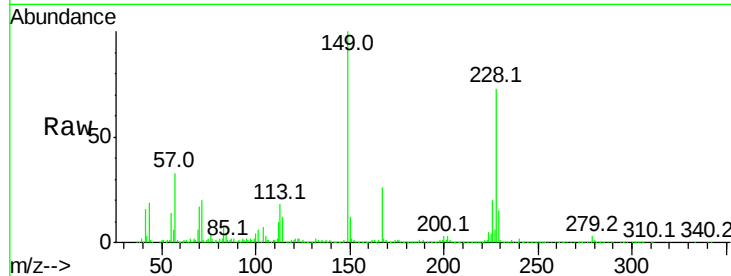




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.038 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

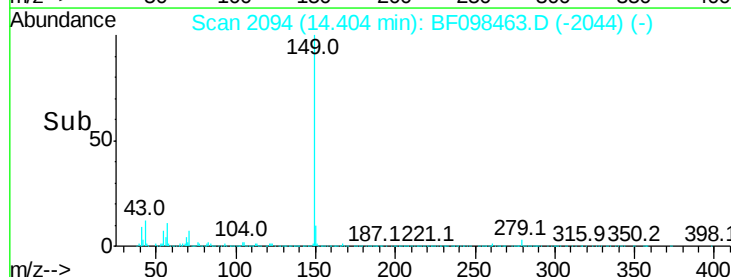
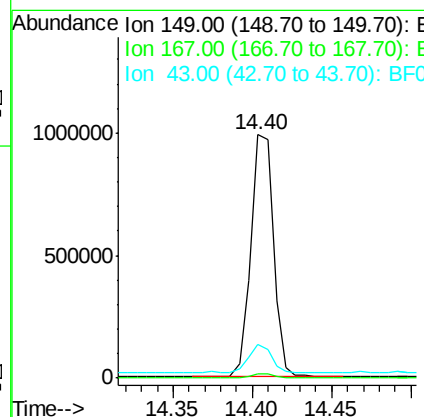
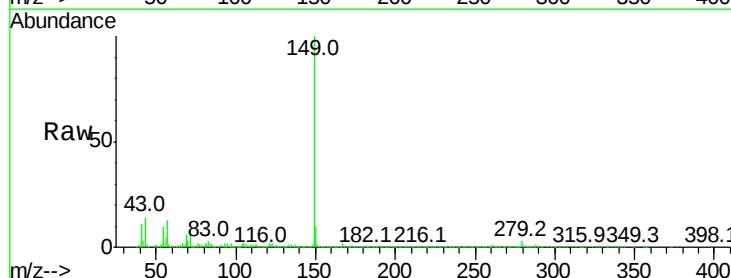
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

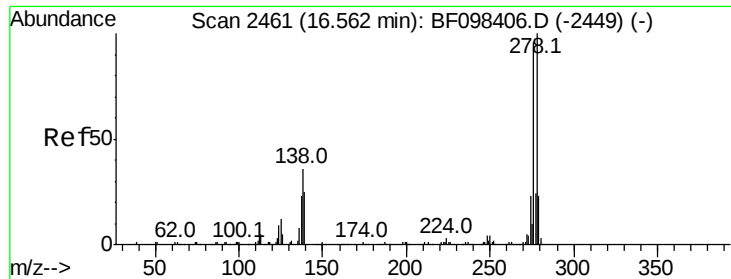
Tot Ion:149 Resp: 566592
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.466 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:149 Resp: 982770
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.2 8.5 12.7

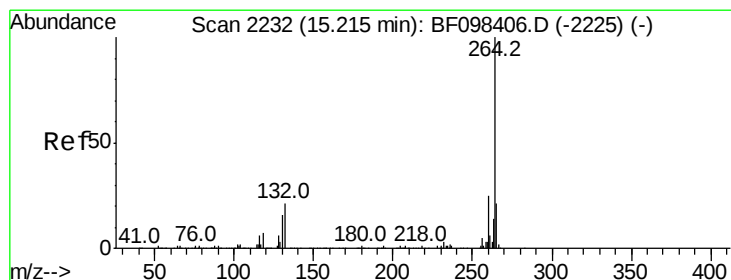
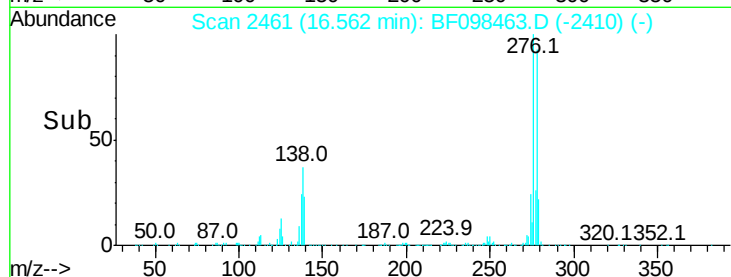
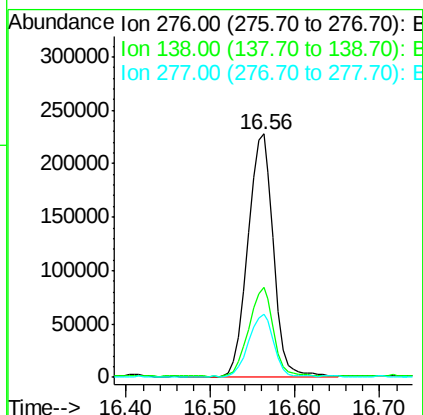
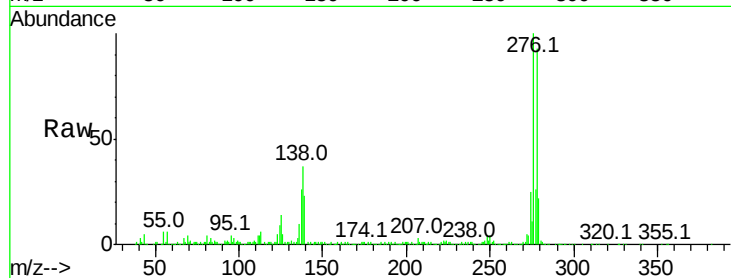




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.186 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

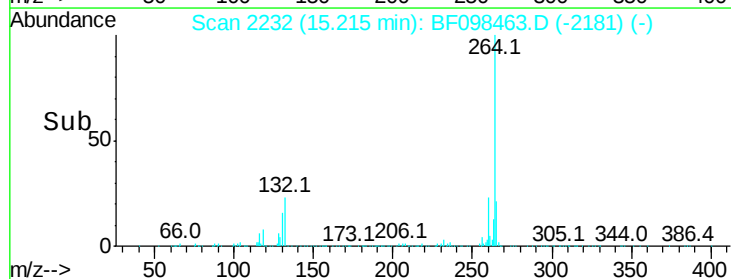
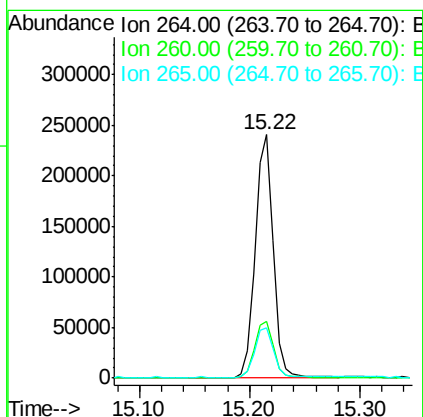
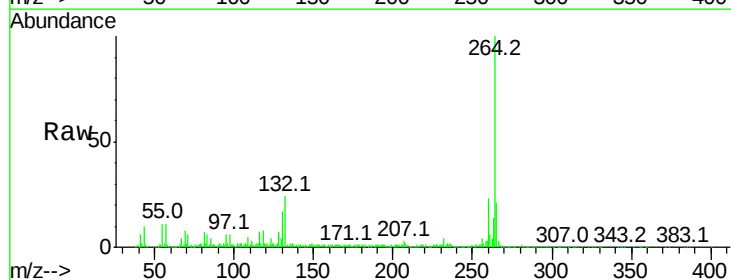
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

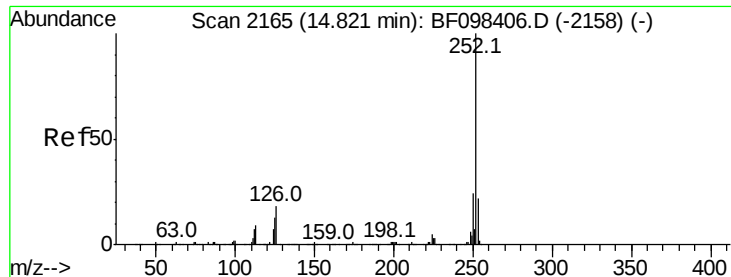
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.846 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

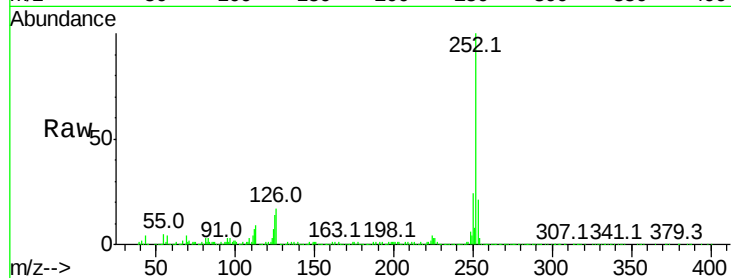
Tot Ion:252 Resp: 620286

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

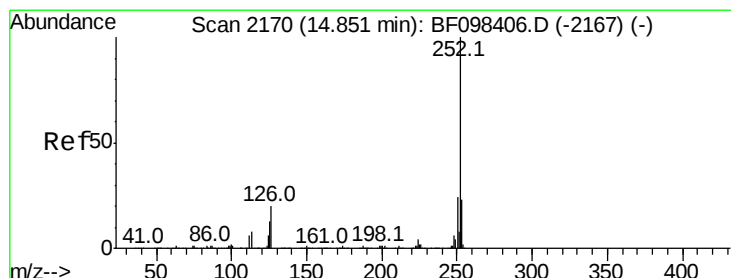
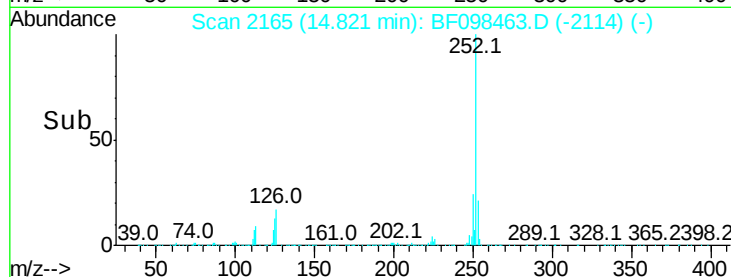
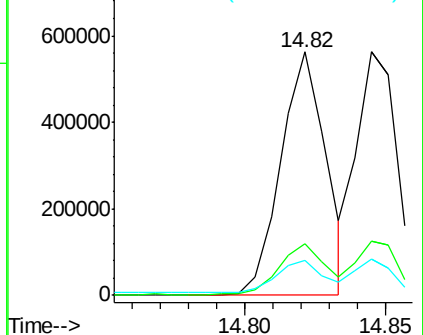
125 14.2 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 34.785 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

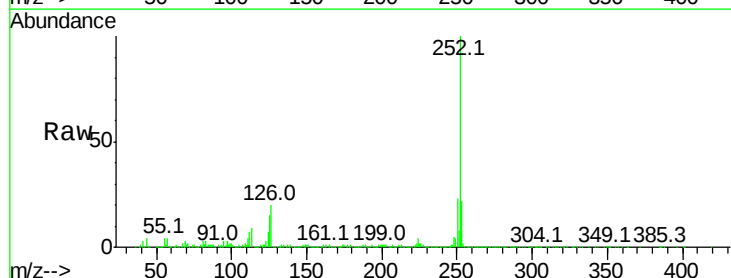
Tgt Ion:252 Resp: 561943

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

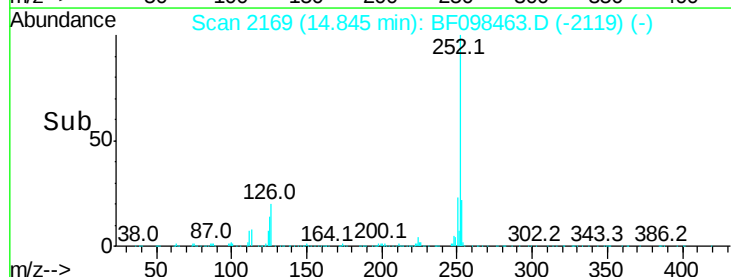
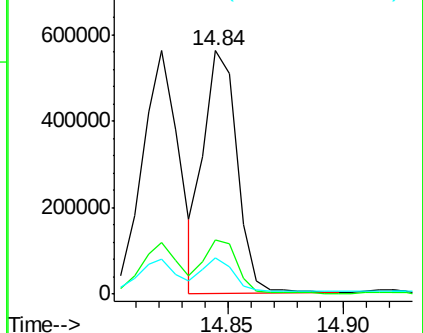
125 15.0 13.1 19.7

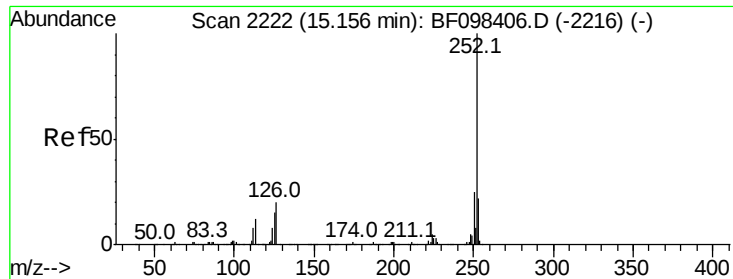


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.998 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

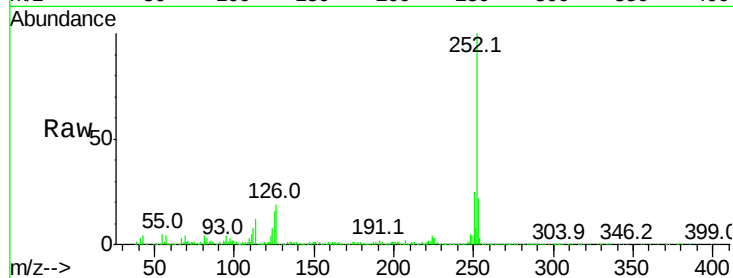
Tot Ion:252 Resp: 539540

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

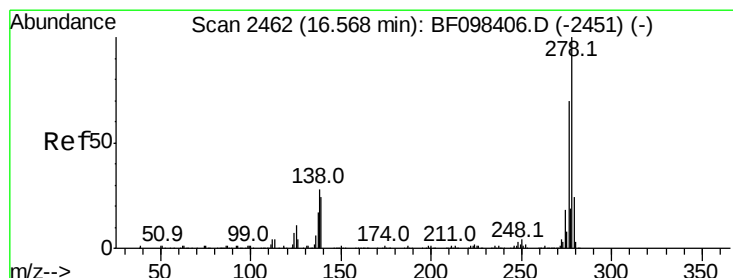
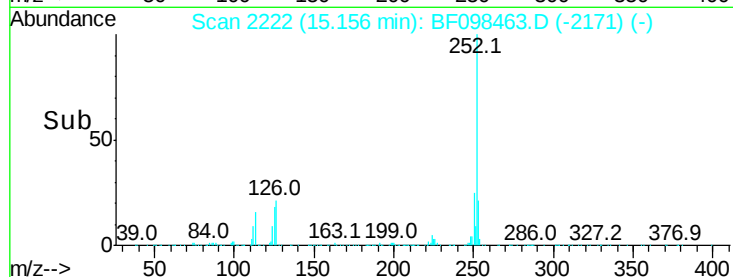
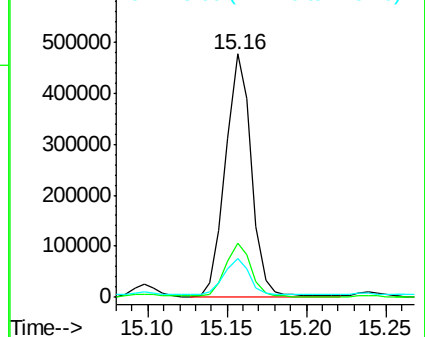
125 16.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.811 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

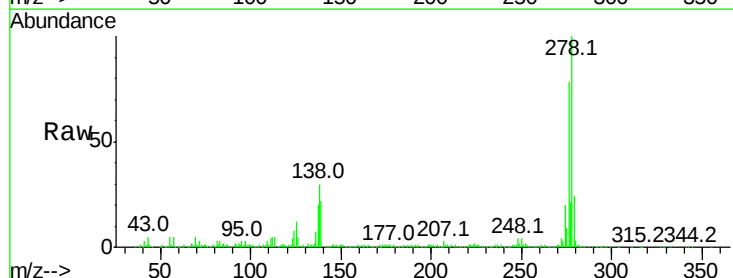
Tgt Ion:278 Resp: 401604

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

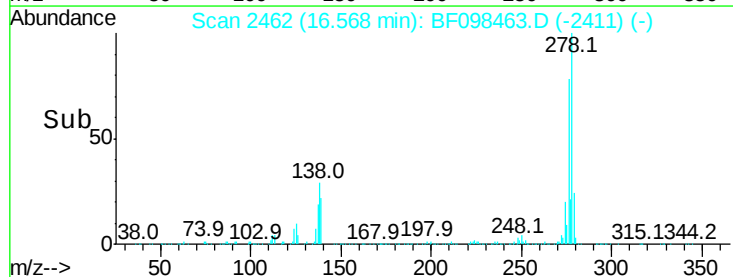
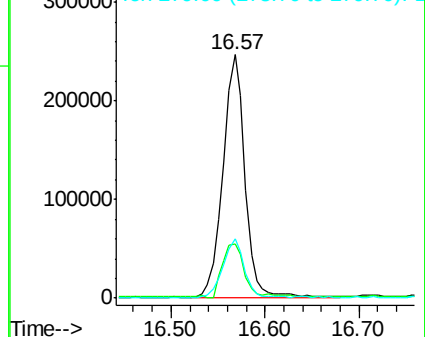
279 24.5 19.3 28.9

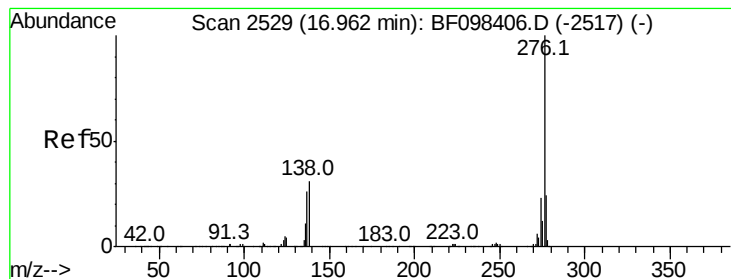


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.127 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	31.2	25.4	38.0

