

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098538.D
 Acq On : 14 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5161-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Quant Time: Sep 15 04:59:50 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	6.65	152	136781	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	583044	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	262437	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	454969	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	288821	20.00	ng	-0.01
86) Perylene-d12	15.20	264	328429	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1128886	122.03	ng	0.00
7) Phenol-d6	6.32	99	1402424	119.40	ng	0.00
23) Nitrobenzene-d5	7.22	82	827008	79.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	244996	139.87	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1304963	84.28	ng	-0.02
78) Terphenyl-d14	12.75	244	935601	69.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	134165	28.098	ng	87
3) Pyridine	2.97	79	326687	25.763	ng	# 83
4) n-Nitrosodimethylamine	2.93	42	201356	32.390	ng	98
6) Aniline	6.39	93	550298	37.345	ng	# 57
8) 2-Chlorophenol	6.45	128	407674	40.075	ng	98
9) Benzaldehyde	6.20	77	239132	31.144	ng	96
10) Phenol	6.33	94	539313	39.530	ng	96
11) bis(2-Chloroethyl)ether	6.39	93	550298	53.498	ng	98
12) 1,3-Dichlorobenzene	6.59	146	387074	37.803	ng	97
13) 1,4-Dichlorobenzene	6.59	146	387074	36.906	ng	94
14) 1,2-Dichlorobenzene	6.82	146	366986	38.407	ng	99
15) Benzyl Alcohol	6.81	79	343709	43.968	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	582770	34.433	ng	# 30
17) 2-Methylphenol	6.93	107	333431	40.196	ng	# 85
18) Hexachloroethane	7.16	117	139718	34.785	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	302845	40.990	ng	99
20) 3+4-Methylphenols	7.09	107	539627	51.549	ng	# 63
22) Acetophenone	7.06	105	598823	39.738	ng	# 90
24) Nitrobenzene	7.24	77	434351	36.461	ng	97
25) Isophorone	7.48	82	781063	36.913	ng	98
26) 2-Nitrophenol	7.56	139	219028	45.538	ng	# 87
27) 2,4-Dimethylphenol	7.60	122	332454	36.259	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	504492	39.073	ng	99
29) 2,4-Dichlorophenol	7.81	162	344089	45.122	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	345479	41.648	ng	99
31) Naphthalene	7.96	128	1221758	42.388	ng	100
32) Benzoic acid	7.75	122	149582	28.251	ng	97
33) 4-Chloroaniline	8.03	127	262325	22.394	ng	98
34) Hexachlorobutadiene	8.07	225	169051	39.698	ng	99
35) Caprolactam	8.39	113	80721	30.697	ng	# 76
36) 4-Chloro-3-methylphenol	8.52	107	380141	40.196	ng	87
37) 2-Methylnaphthalene	8.65	142	761271	43.603	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	316309	38.693	ng	99
40) Hexachlorocyclopentadiene	8.79	237	64128	33.327	ng	99

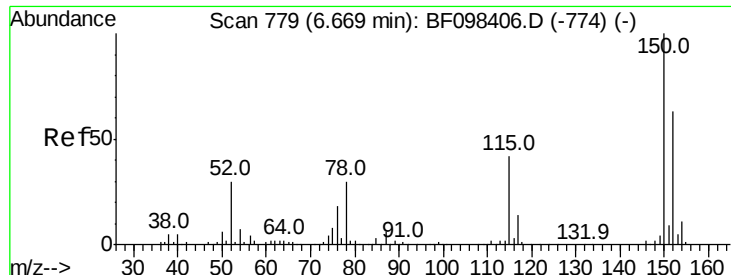
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	221995	46.233	nq	91
43) 2,4,5-Trichlorophenol	8.98	196	229377	45.703	nq	96
45) 1,1'-Biphenyl	9.11	154	888307	37.817	nq	97
46) 2-Chloronaphthalene	9.13	162	674360	40.199	nq	# 92
47) 2-Nitroaniline	9.24	65	252382	39.197	nq	95
48) Acenaphthylene	9.55	152	1004230	40.261	nq	99
49) Dimethylphthalate	9.42	163	1064629	52.407	nq	100
50) 2,6-Dinitrotoluene	9.49	165	184972	44.327	nq	# 88
51) Acenaphthene	9.72	154	660972	41.688	nq	98
52) 3-Nitroaniline	9.65	138	138474	27.490	nq	97
53) 2,4-Dinitrophenol	9.77	184	60960	36.136	nq	# 81
54) Dibenzofuran	9.89	168	899456	43.061	nq	100
55) 4-Nitrophenol	9.84	139	233817	80.793	nq	# 53
56) 2,4-Dinitrotoluene	9.89	165	228365	45.014	nq	# 63
57) Fluorene	10.23	166	746287	43.166	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	167967	49.799	nq	95
59) Diethylphthalate	10.12	149	790800	40.932	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	329423	41.252	nq	# 86
61) 4-Nitroaniline	10.27	138	171842	33.780	nq	89
62) Azobenzene	10.39	77	747216	35.885	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	67382	26.613	nq	# 70
65) n-Nitrosodiphenylamine	10.34	169	636898	43.112	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	193615	44.838	nq	96
67) Hexachlorobenzene	10.78	284	184142	42.042	nq	# 87
68) Atrazine	10.88	200	201720	44.353	nq	97
69) Pentachlorophenol	10.98	266	169130	86.605	nq	97
70) Phenanthrene	11.20	178	1753540	72.703	nq	99
71) Anthracene	11.24	178	1135565	45.857	nq	99
72) Carbazole	11.40	167	922031	39.952	nq	100
73) Di-n-butylphthalate	11.73	149	1082306	39.141	nq	100
74) Fluoranthene	12.39	202	1937664	80.251	nq	99
77) Pyrene	12.61	202	1759369	77.219	nq	99
79) Butylbenzylphthalate	13.22	149	390199	39.477	nq	# 77
80) Benzo(a)anthracene	13.80	228	1150458	67.942	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	132812	20.182	nq	# 97
82) Chrysene	13.83	228	1119931	65.430	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	582622	46.966	nq	# 100
84) Di-n-octyl phthalate	14.40	149	970284	45.588	nq	100
85) Indeno(1,2,3-cd)pyrene	16.56	276	923342	76.889	nq	94
87) Benzo(b)fluoranthene	14.82	252	1268554	61.429	nq	98
88) Benzo(k)fluoranthene	14.82	252	1268554	65.801	nq	97
89) Benzo(a)pyrene	15.16	252	1114134	60.559	nq	98
90) Dibenzo(a,h)anthracene	16.56	278	614563	45.921	nq	99
91) Benzo(g,h,i)perylene	16.96	276	761090	56.541	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

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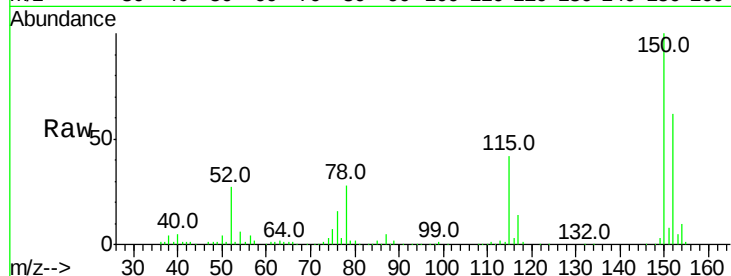
Tot Ion:152 Resp: 136781

Ion Ratio Lower Upper

152 100

150 162.3 126.2 189.2

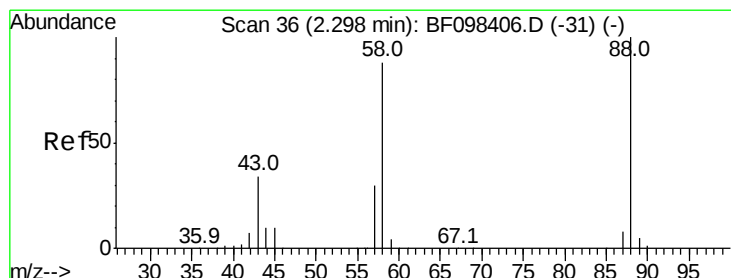
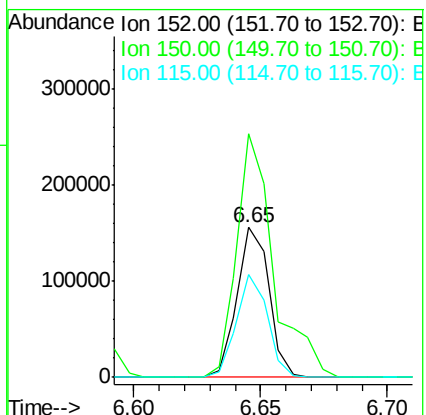
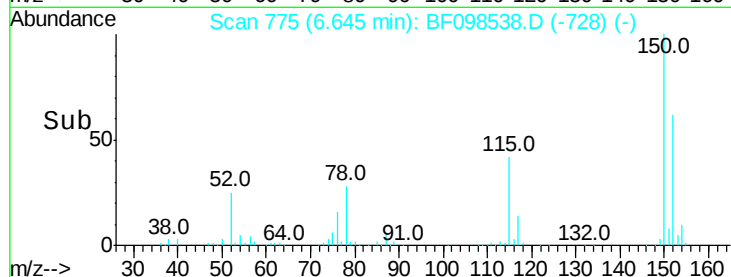
115 68.9 52.2 78.2



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: 28.098 ng

RT: 2.29 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

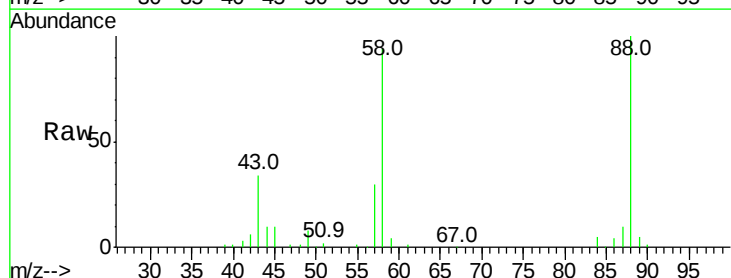
Tgt Ion: 88 Resp: 134165

Ion Ratio Lower Upper

88 100

58 89.0 61.4 92.0

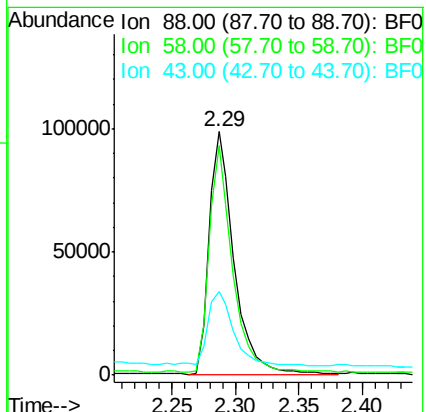
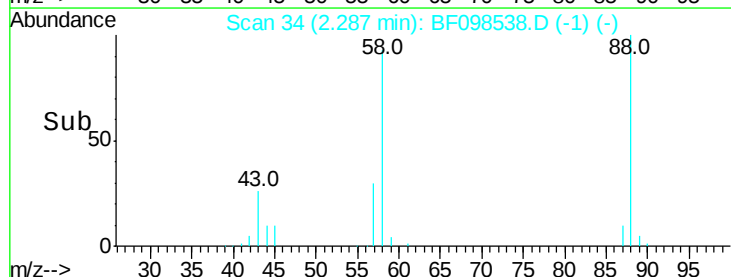
43 33.6 23.4 35.0

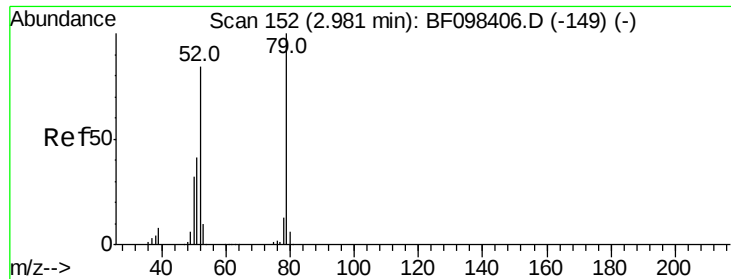


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.763 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

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ClientSampleId :

RL-15-0-17.5MS

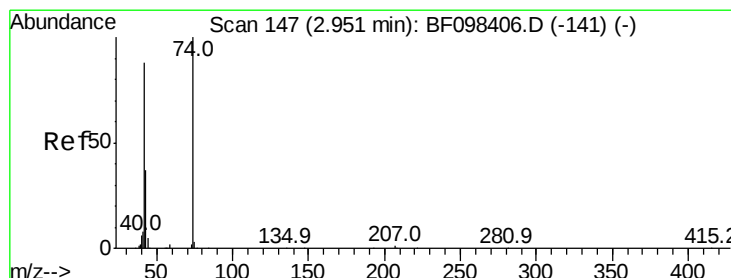
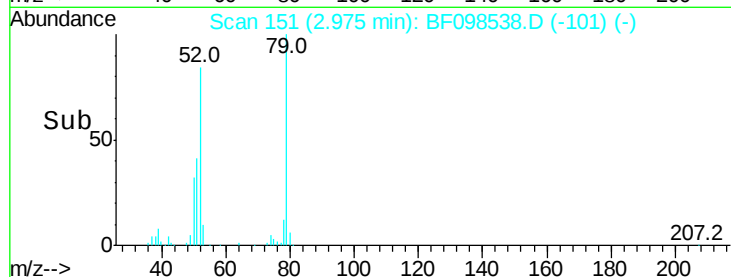
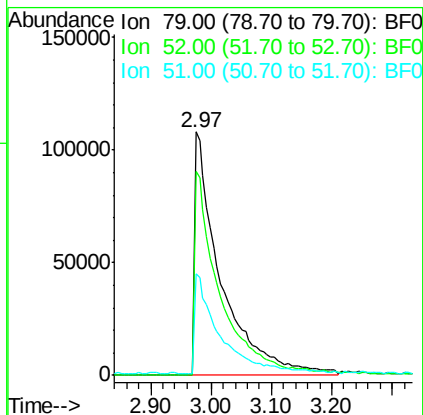
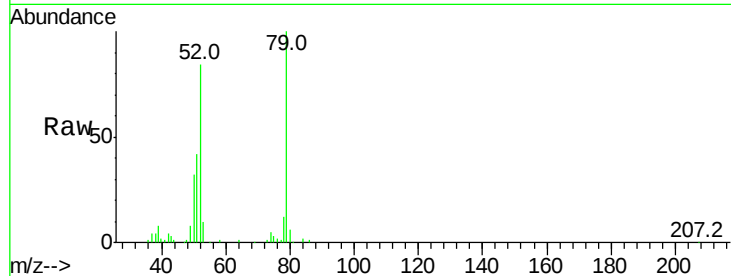
Tot Ion: 79 Resp: 326687

Ion Ratio Lower Upper

79 100

52 83.7 54.8 82.2#

51 41.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 32.390 ng

RT: 2.93 min Scan# 144

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

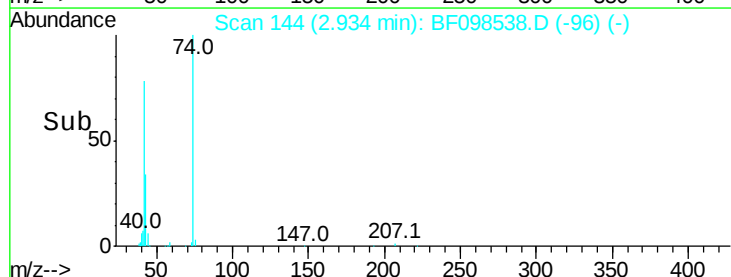
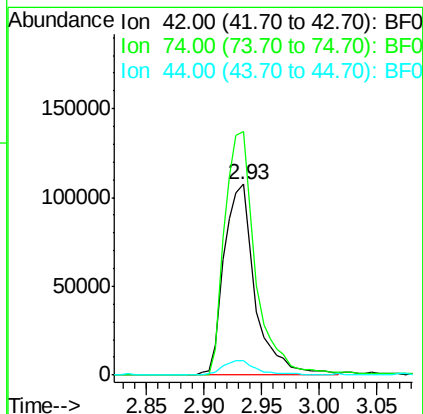
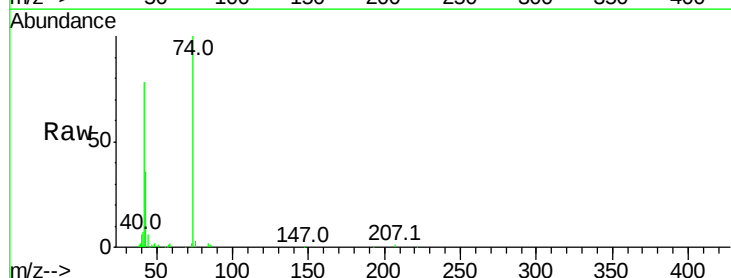
Tgt Ion: 42 Resp: 201356

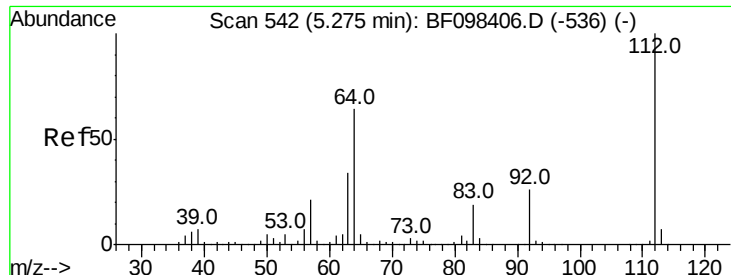
Ion Ratio Lower Upper

42 100

74 127.8 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 122.026 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

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ClientSampleId :

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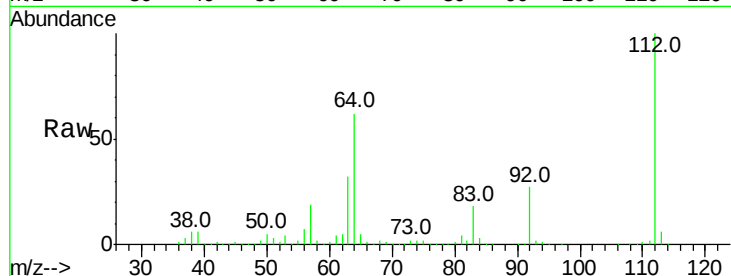
Tot Ion:112 Resp: 112886

Ion Ratio Lower Upper

112 100

64 61.9 46.0 69.0

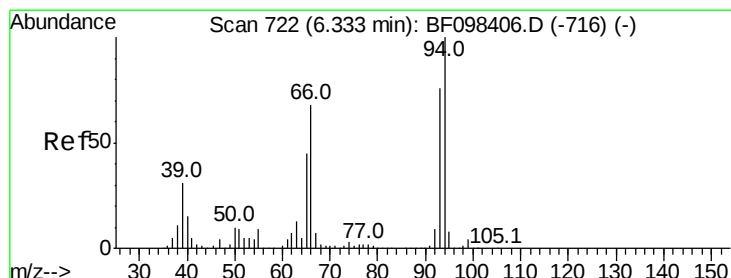
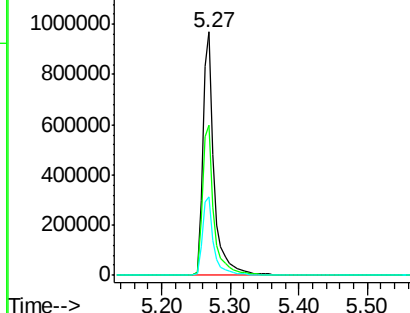
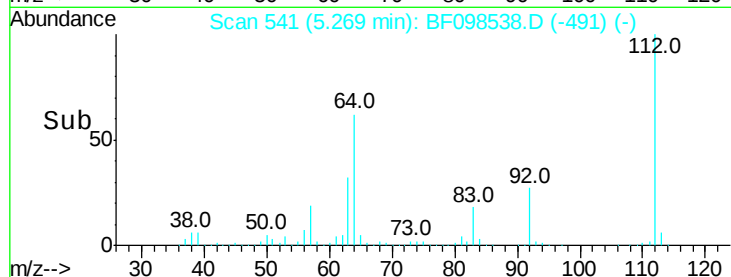
63 32.3 23.4 35.0



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: 37.345 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.06 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

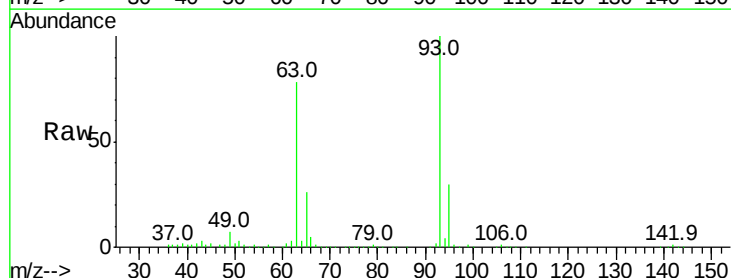
Tgt Ion: 93 Resp: 550298

Ion Ratio Lower Upper

93 100

66 5.1 32.9 49.3#

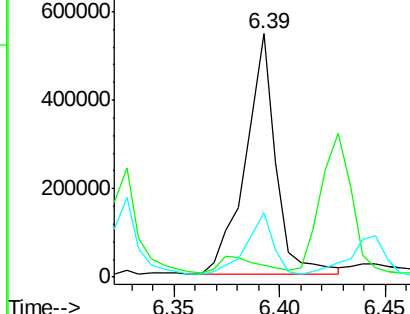
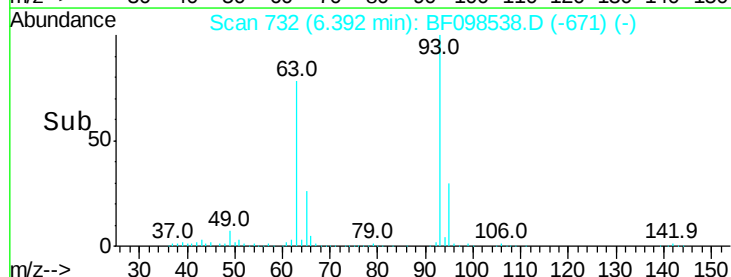
65 26.5 16.0 24.0#

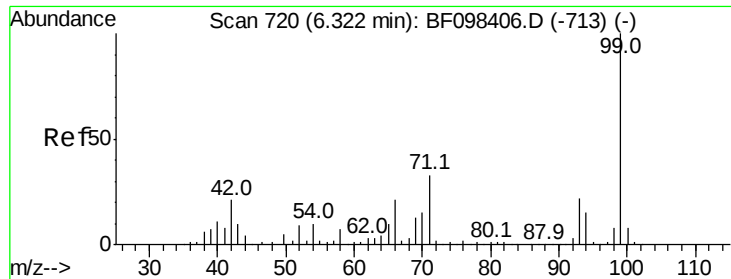


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.397 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

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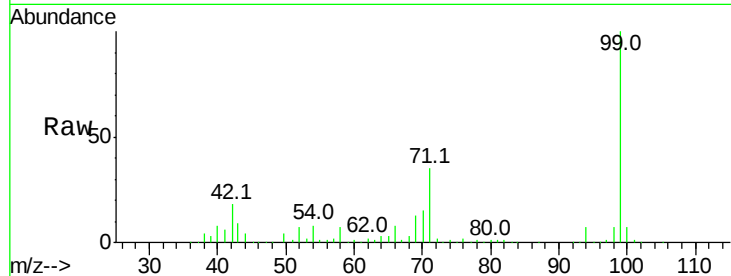
Tot Ion: 99 Resp: 1402424

Ion Ratio Lower Upper

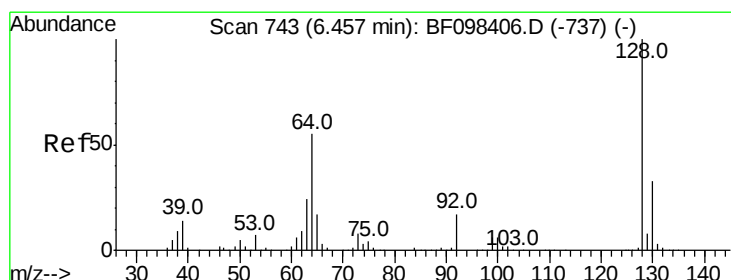
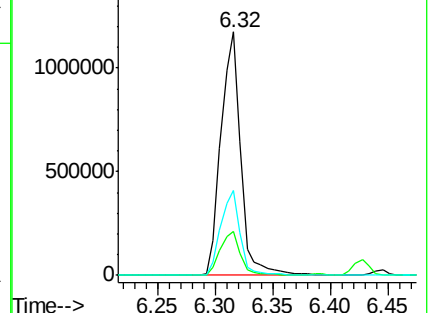
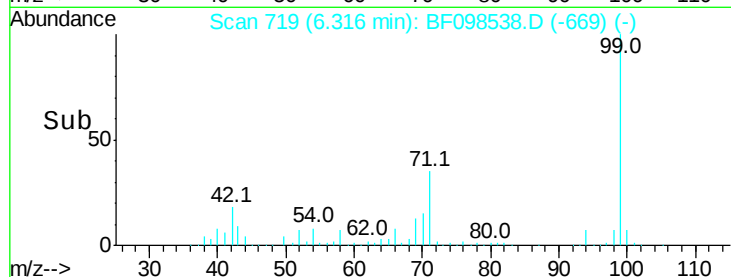
99 100

42 18.1 13.5 20.3

71 34.7 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: 40.075 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

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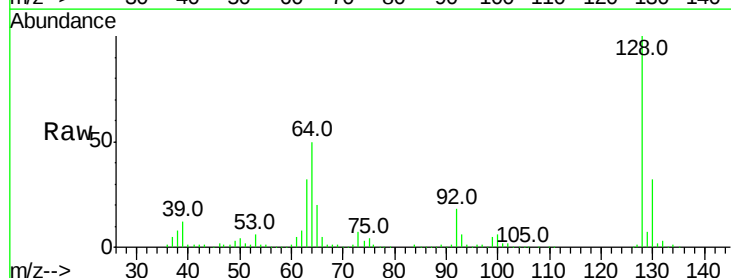
Tgt Ion:128 Resp: 407674

Ion Ratio Lower Upper

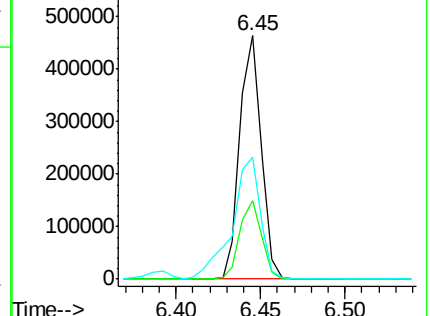
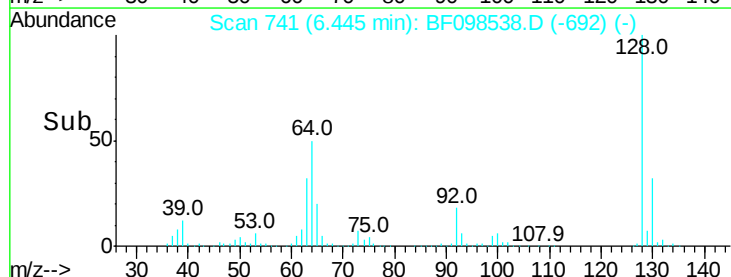
128 100

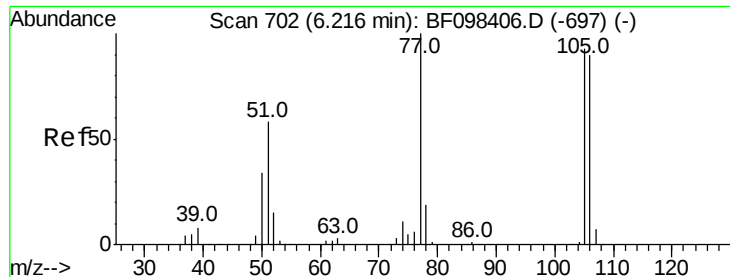
130 32.3 12.9 52.9

64 50.2 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: 31.144 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.02 min

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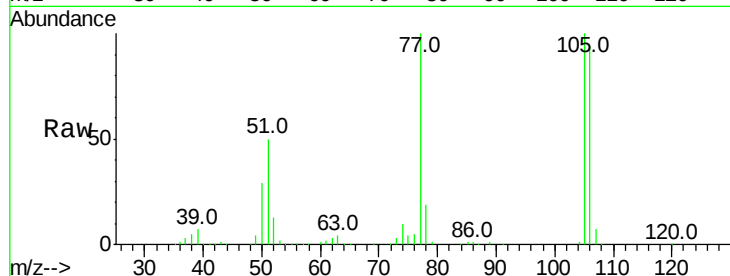
Tot Ion: 77 Resp: 239132

Ion Ratio Lower Upper

77 100

105 100.4 83.8 123.8

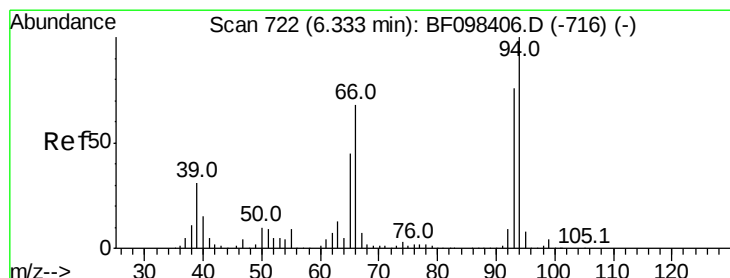
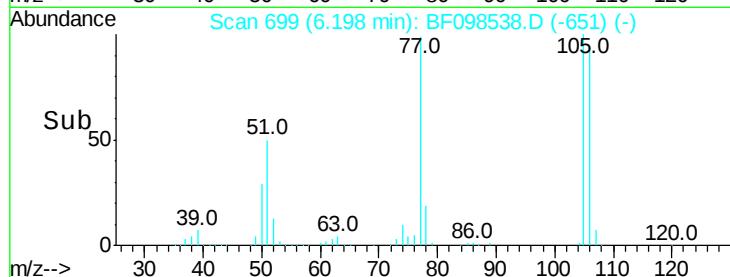
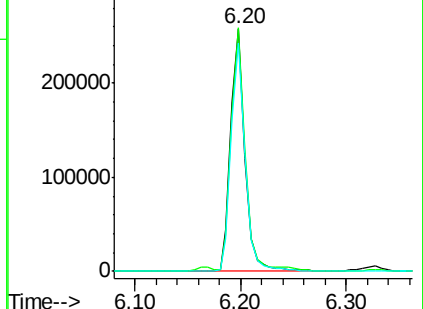
106 94.1 79.1 119.1



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: 39.530 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

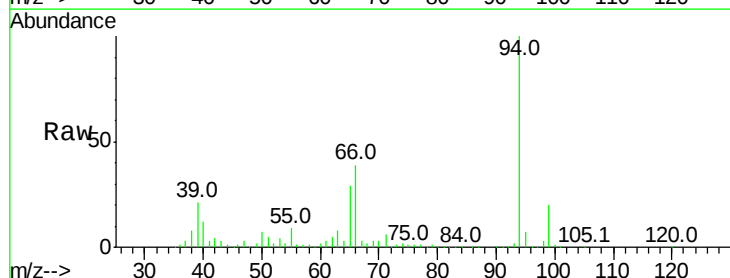
Tgt Ion: 94 Resp: 539313

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

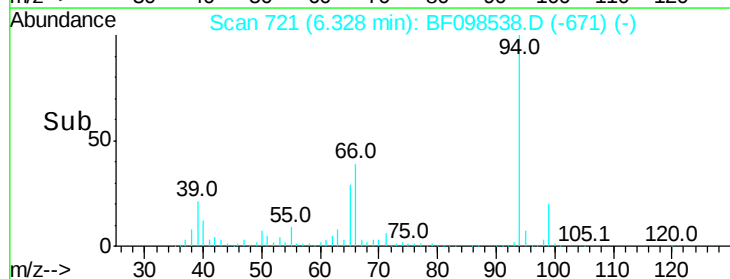
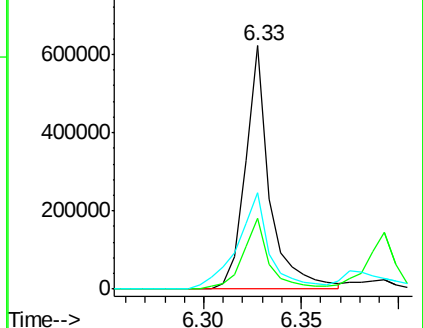
66 39.5 23.1 63.1

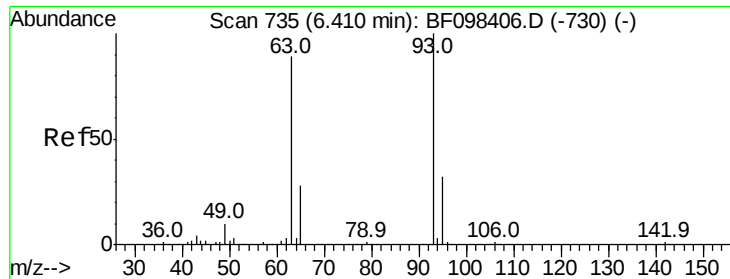


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



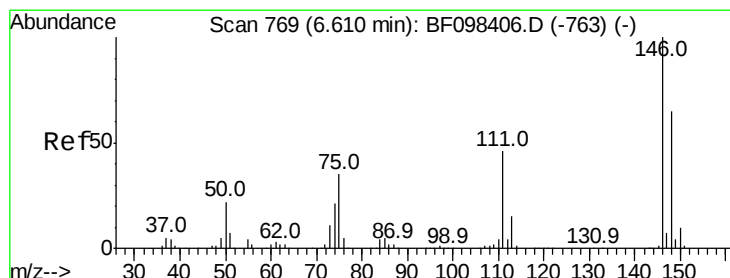
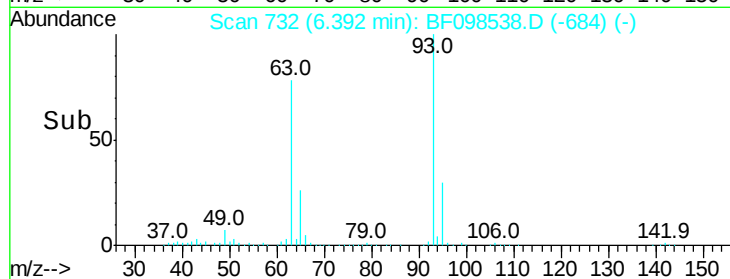
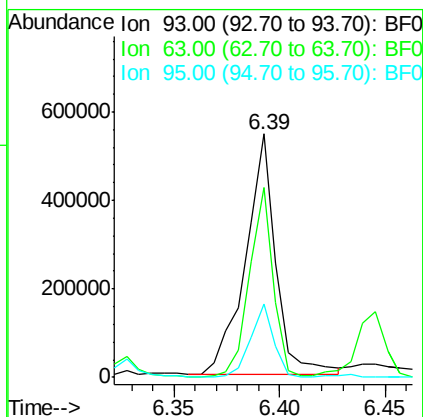
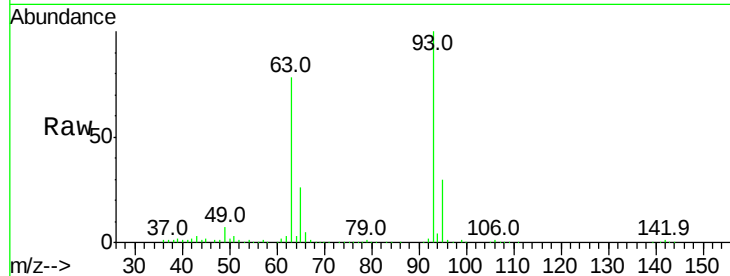


#11
 bis(2-Chloroethyl)ether
 Concen: 53.498 ng
 RT: 6.39 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion: 93 Resp: 550298

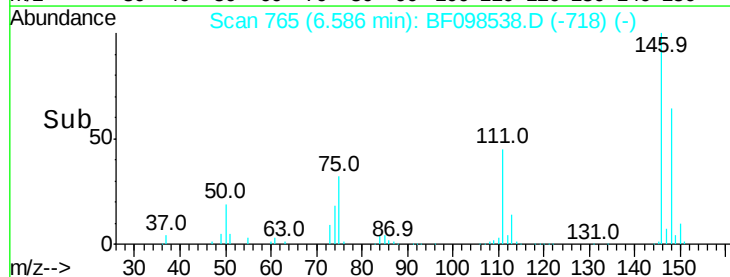
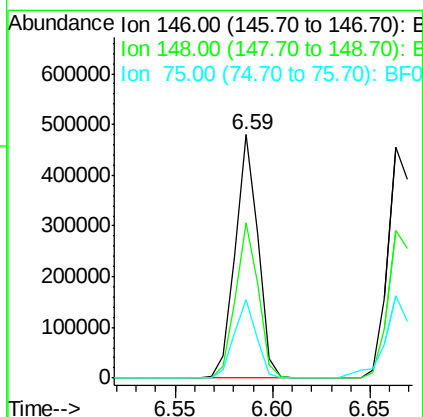
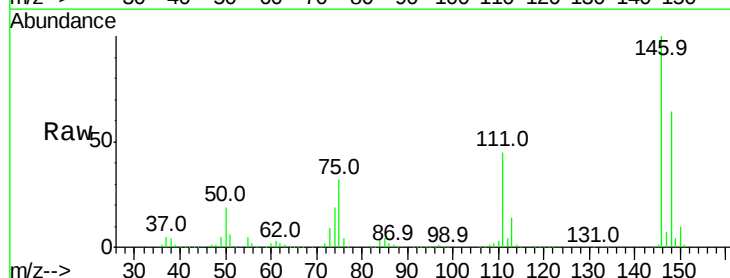
Ion	Ratio	Lower	Upper
93	100		
63	78.0	59.2	99.2
95	29.9	12.8	52.8

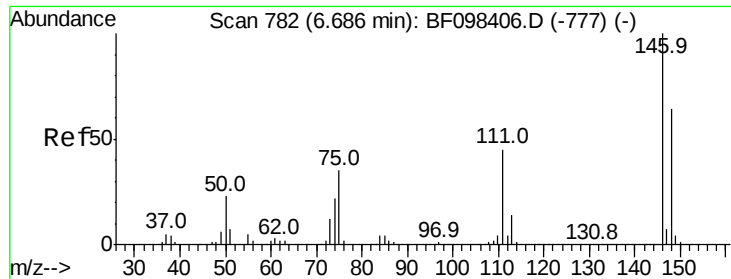


#12
 1,3-Dichlorobenzene
 Concen: 37.803 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion: 146 Resp: 387074

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	32.2	23.1	34.7

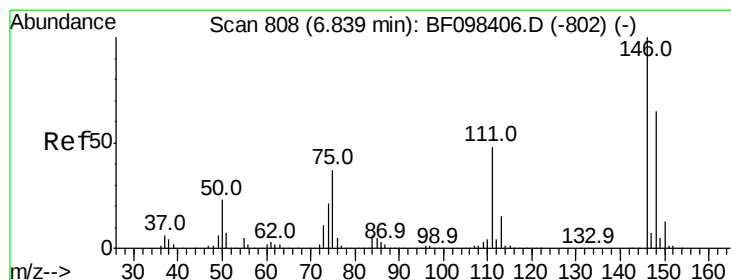
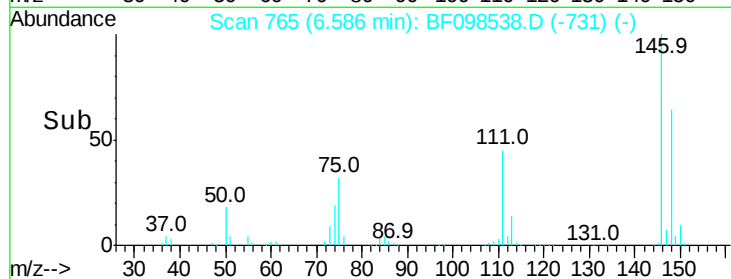
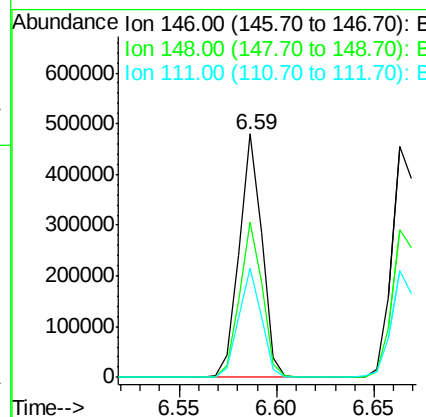
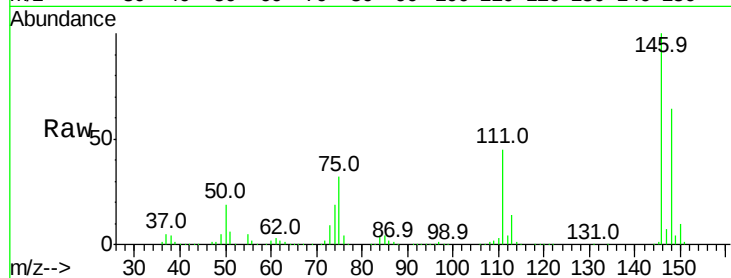




#13
 1,4-Dichlorobenzene
 Concen: 36.906 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.10 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

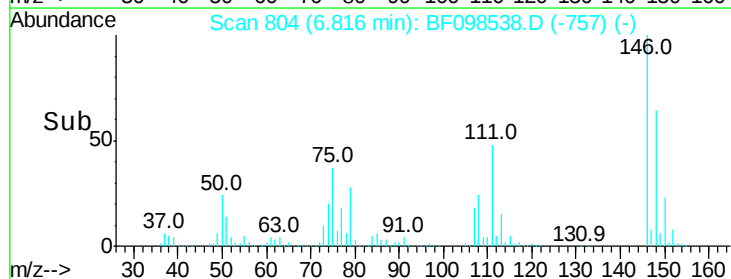
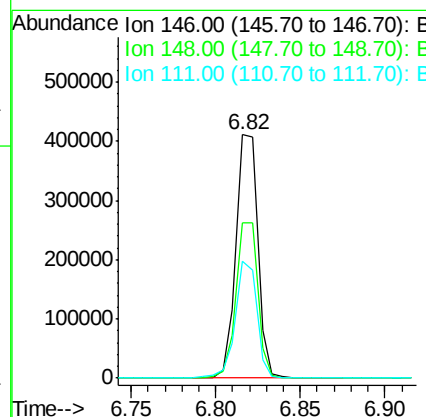
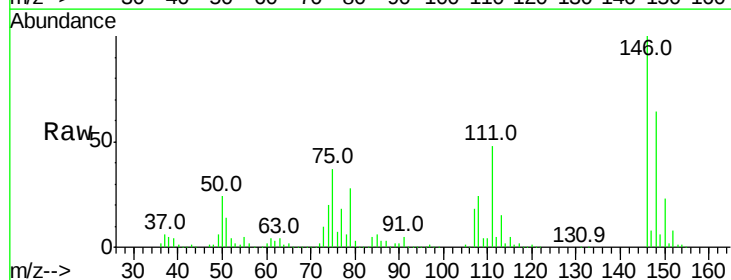
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

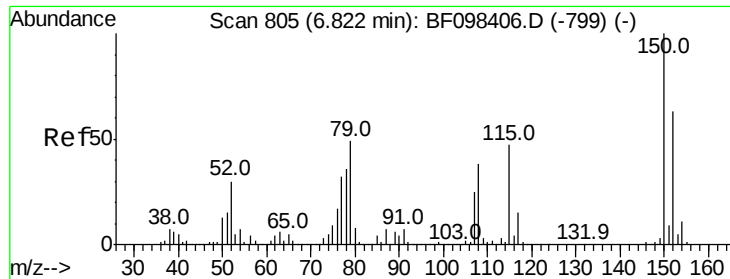
Tot Ion:146 Resp: 387074
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 45.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.407 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:146 Resp: 366986
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 48.0 38.2 57.4

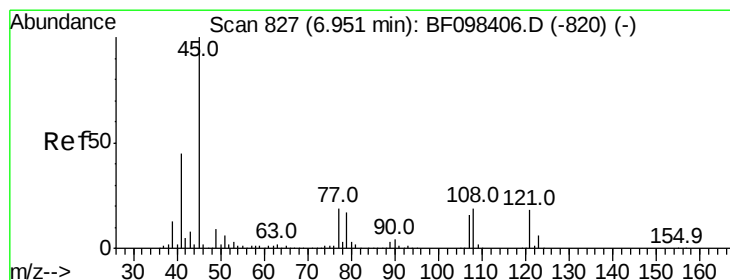
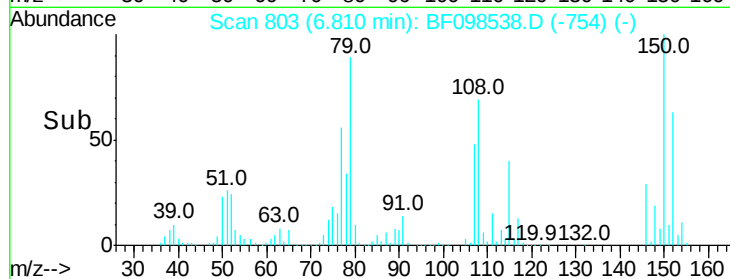
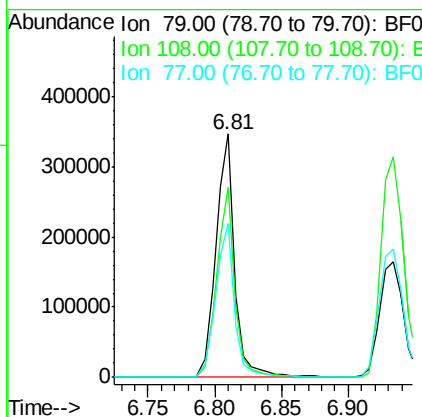
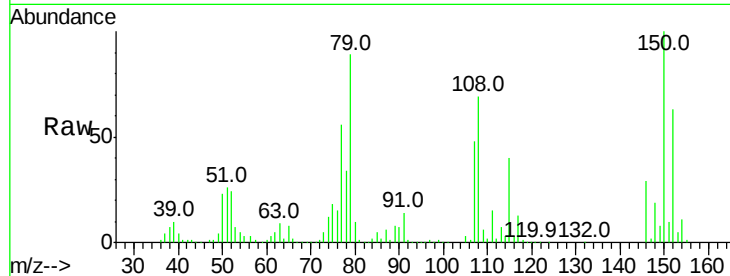




#15
Benzyl Alcohol
Concen: 43.968 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

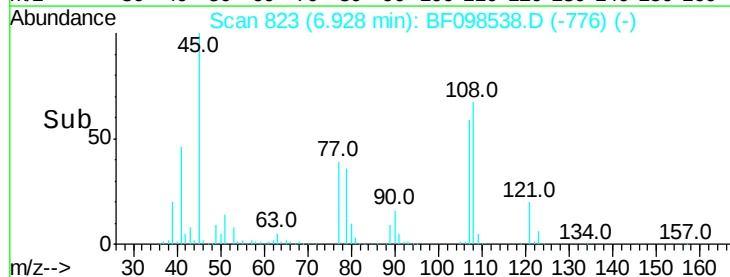
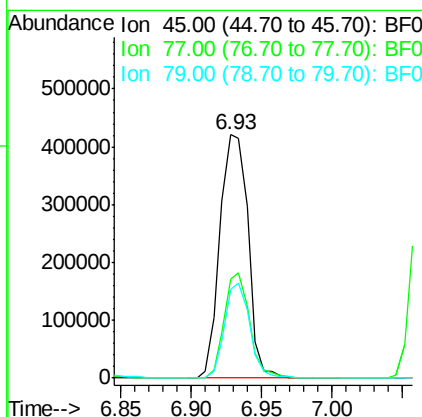
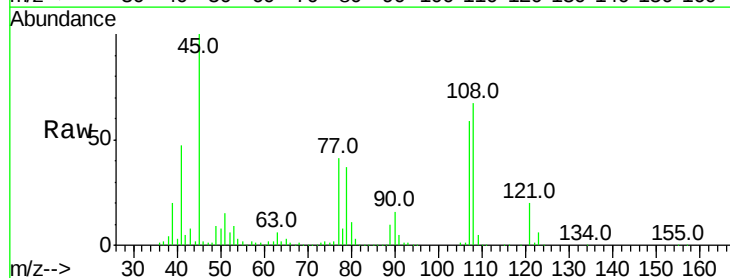
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

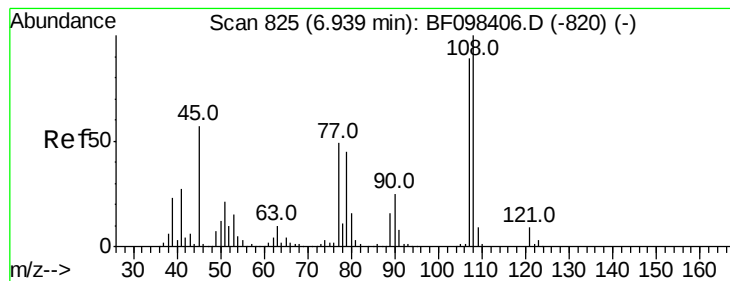
Tot Ion: 79 Resp: 343709
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.433 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion: 45 Resp: 582770
Ion Ratio Lower Upper
45 100
77 40.8 0.0 33.2#
79 36.7 0.0 30.0#

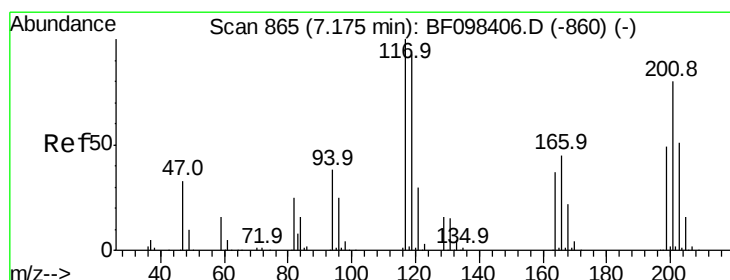
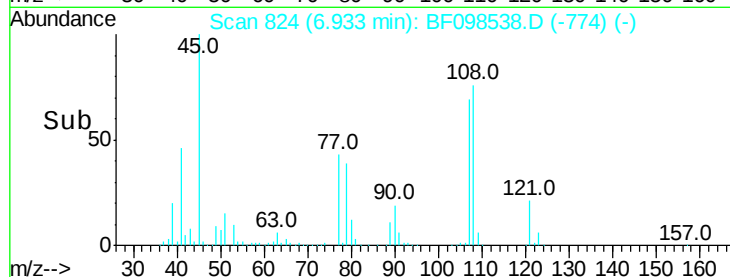
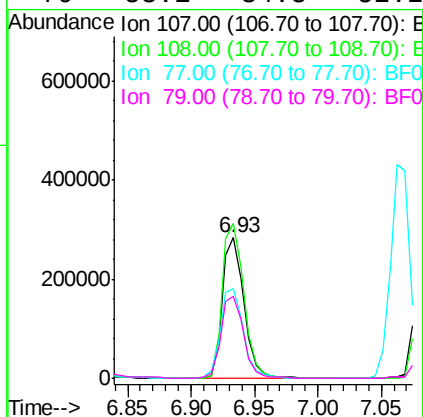
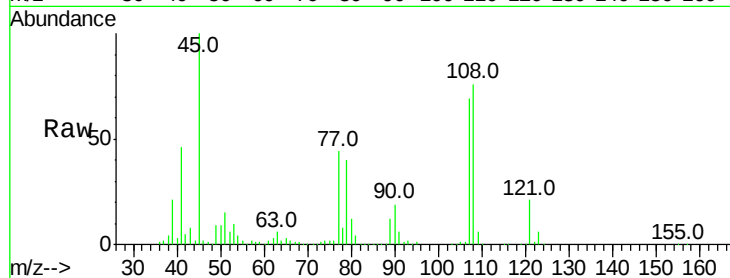




#17
2-Methylphenol
Concen: 40.196 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

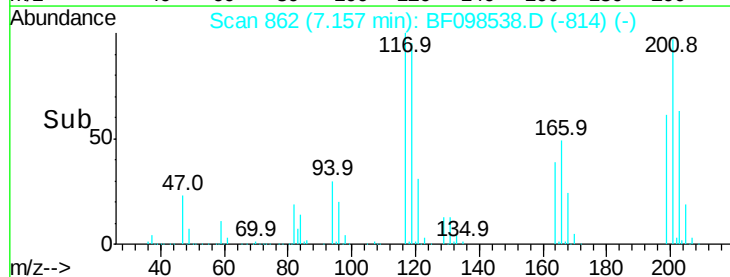
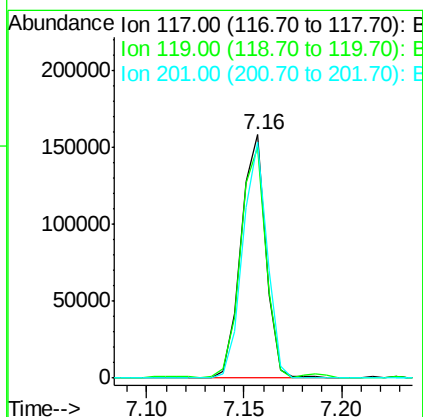
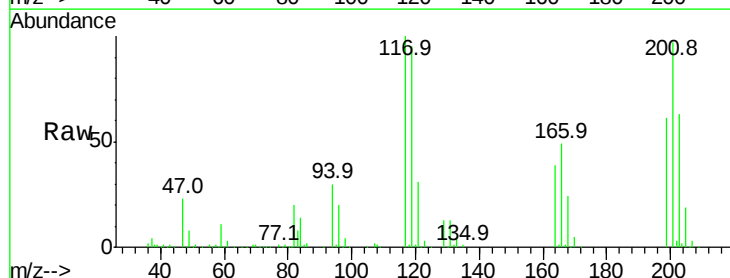
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

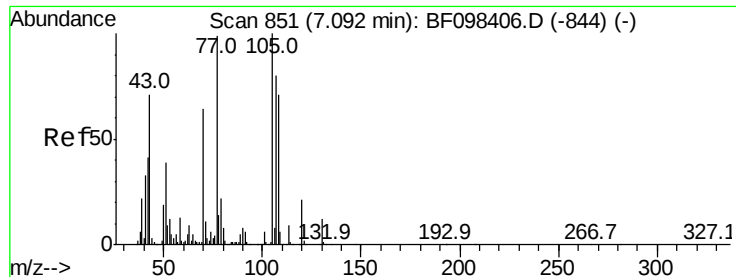
Tot Ion:107 Resp: 333431
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 64.2 35.8 53.6#
79 58.1 34.8 52.2#



#18
Hexachloroethane
Concen: 34.785 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:117 Resp: 139718
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
201 96.9 94.6 141.8

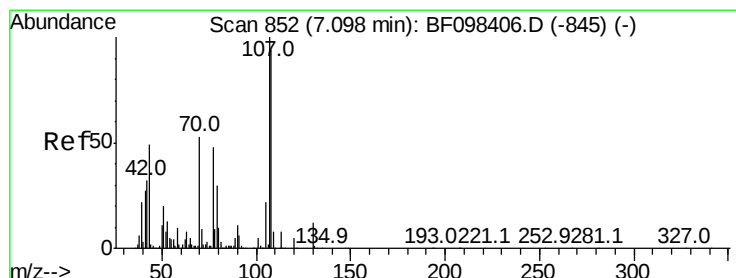
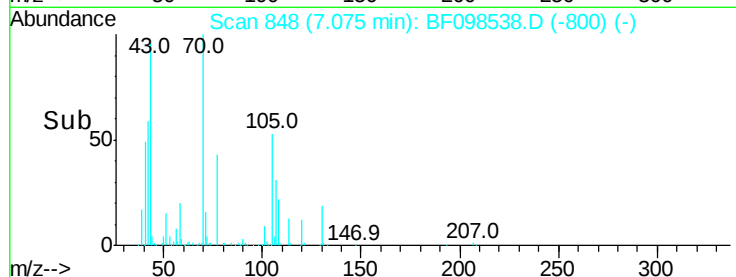
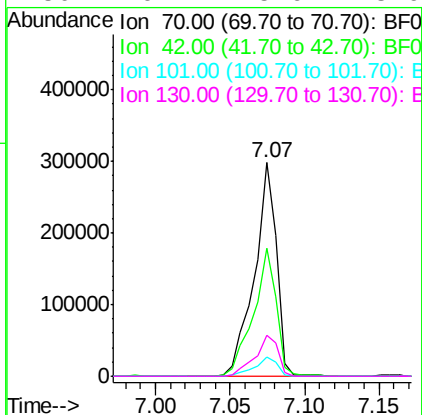
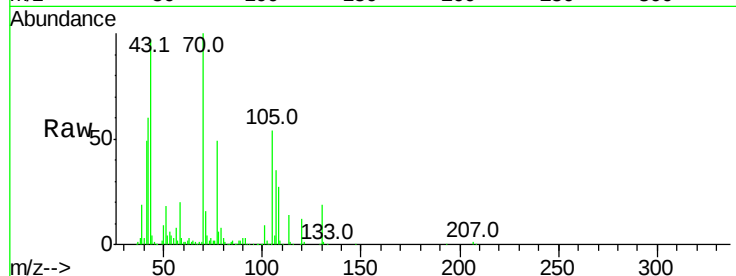




#19
n-Nitroso-di-n-propylamine
Concen: 40.990 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

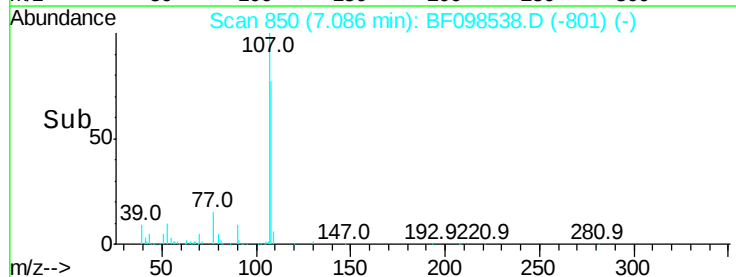
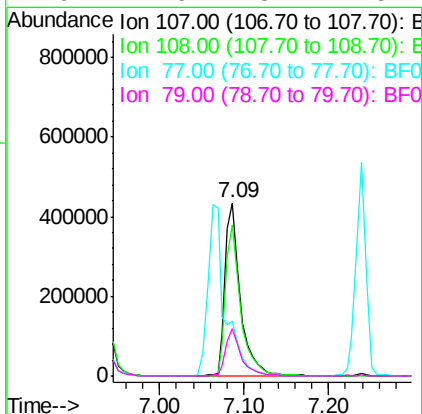
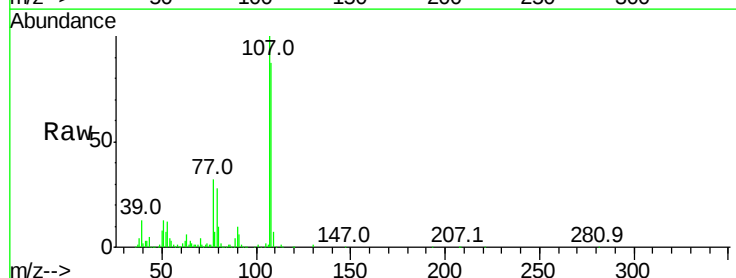
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

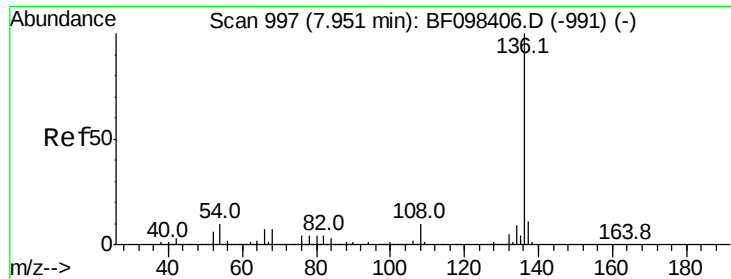
Tot Ion:	70	Resp:	302845
Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	8.7	7.2	10.8
130	19.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 51.549 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:	107	Resp:	539627
Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.0	111.0
77	32.0	90.5	130.5#
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:136 Resp: 583044

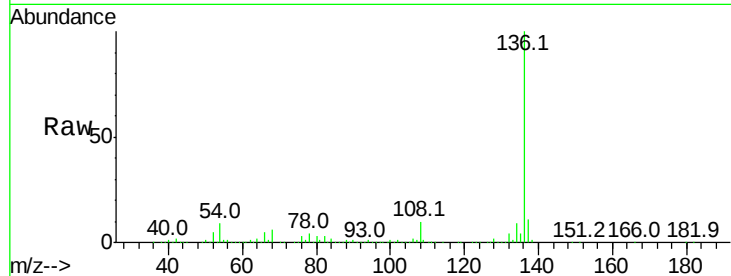
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.8 4.9 7.3#

68 5.6 4.1 6.1

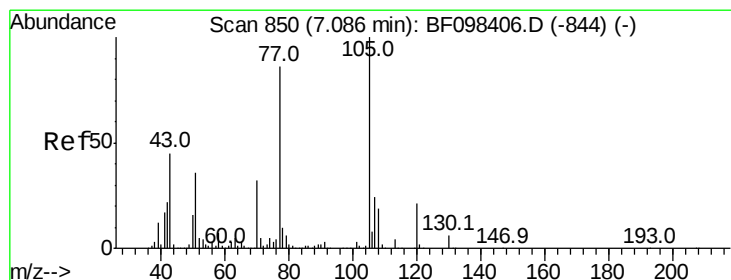
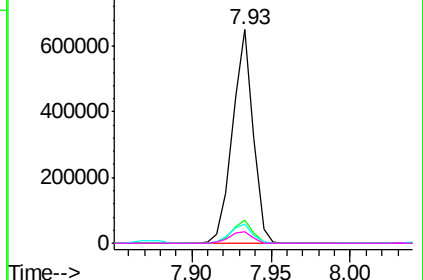
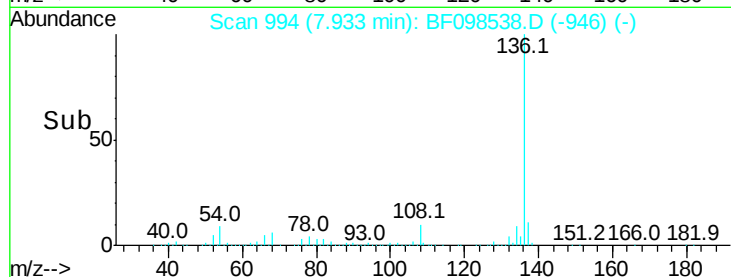


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.738 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:105 Resp: 598823

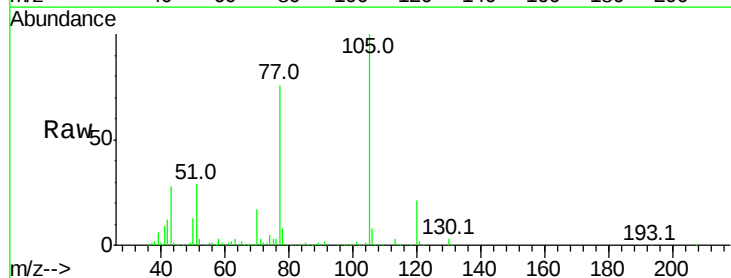
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 29.1 30.7 46.1#

120 21.0 17.4 26.0

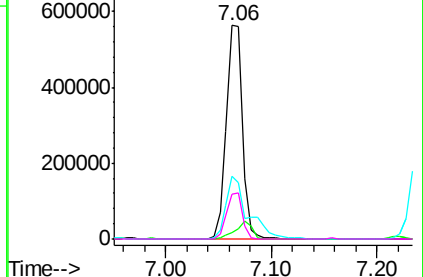
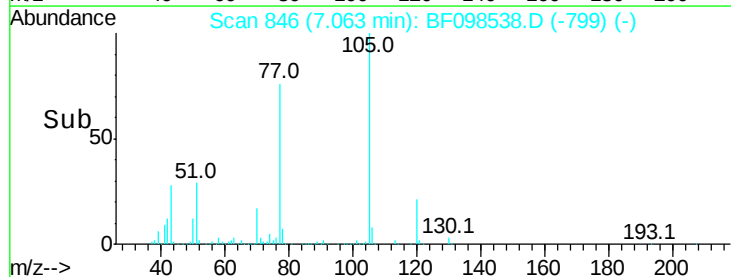


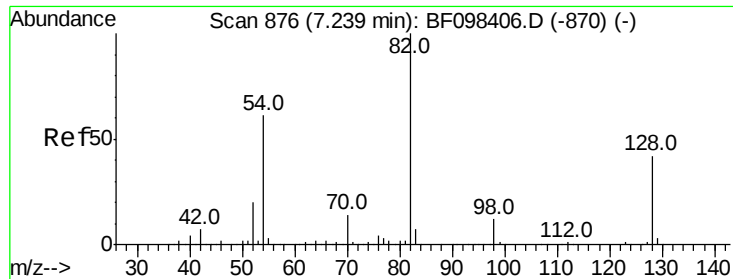
Abundance Ion 105.00 (104.70 to 105.70): E

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

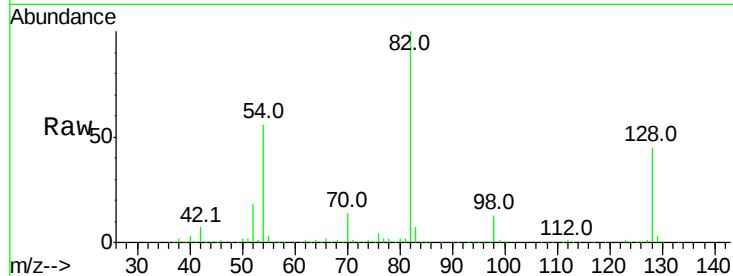




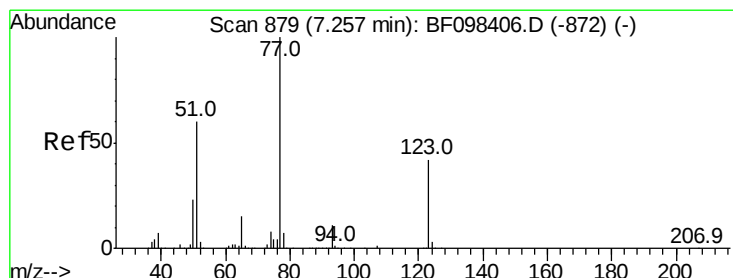
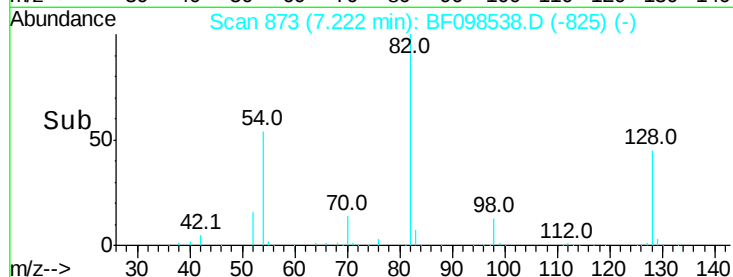
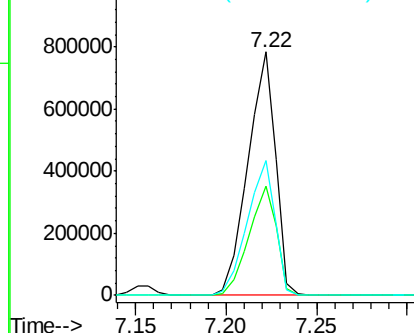
#23
 Nitrobenzene-d5
 Concen: 79.077 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion: 82 Resp: 827008
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 55.6 42.2 63.2

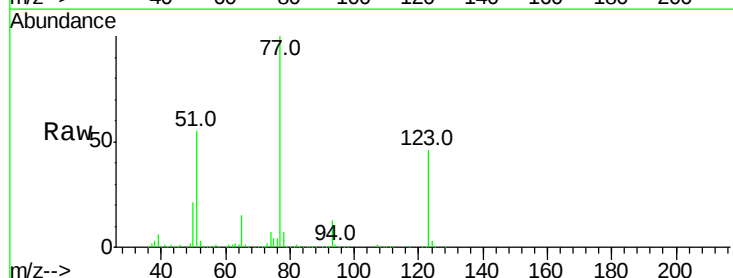


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

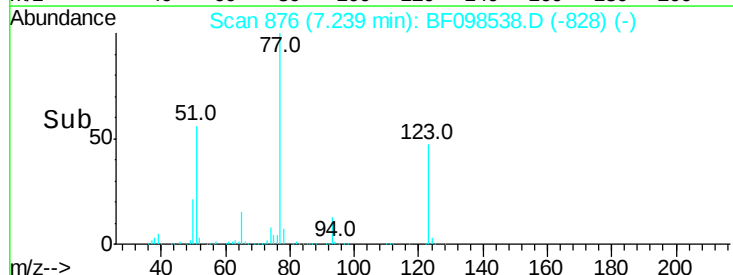
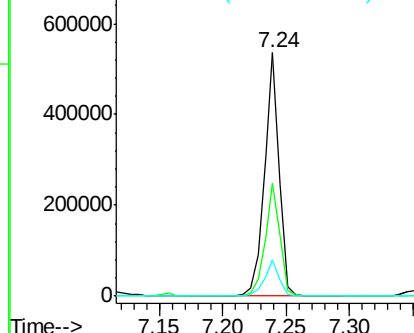


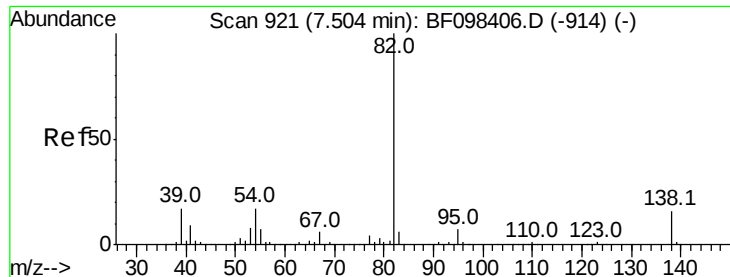
#24
 Nitrobenzene
 Concen: 36.461 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion: 77 Resp: 434351
 Ion Ratio Lower Upper
 77 100
 123 46.4 35.8 53.8
 65 15.1 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: 36.913 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

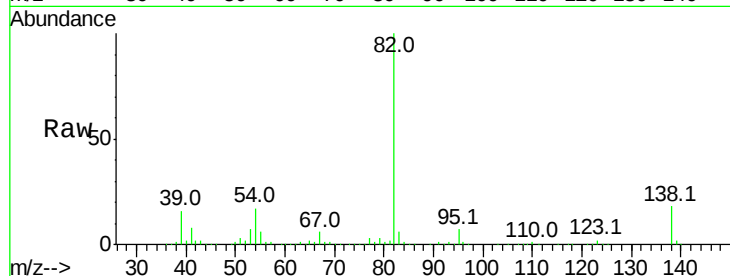
Tot Ion: 82 Resp: 781063

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

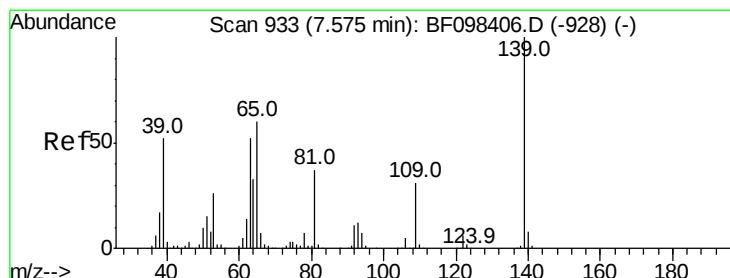
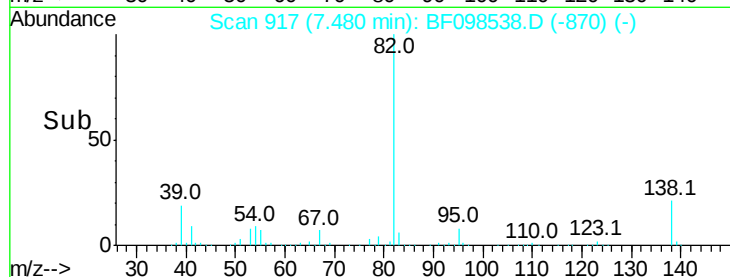
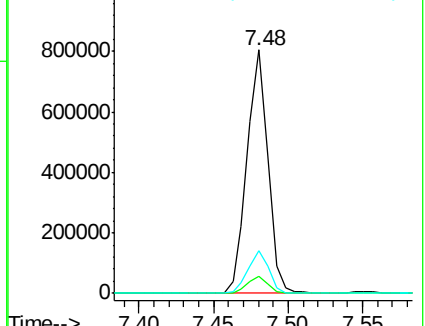
138 17.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.538 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

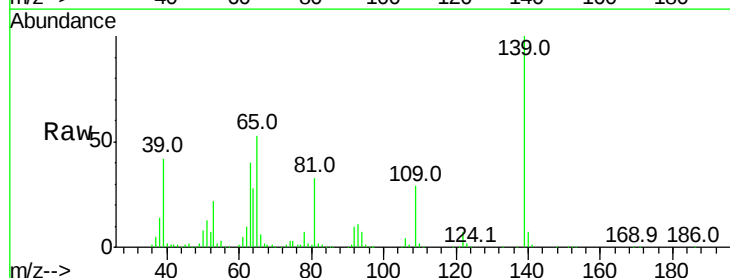
Tgt Ion: 139 Resp: 219028

Ion Ratio Lower Upper

139 100

109 29.1 21.0 31.6

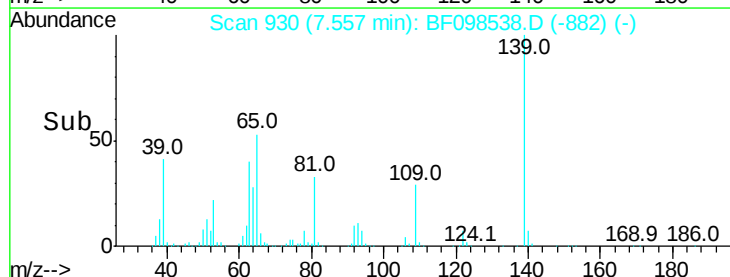
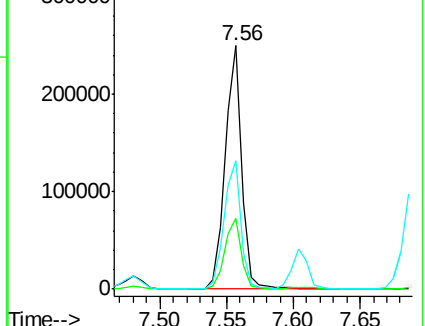
65 52.9 33.0 49.6#

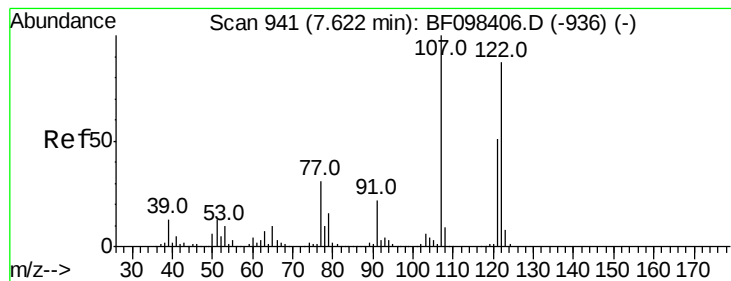


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.259 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

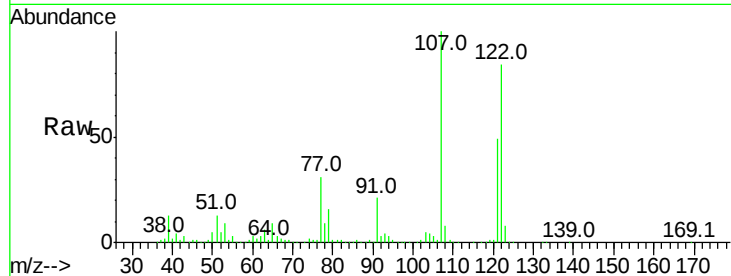
Tot Ion:122 Resp: 332454

Ion Ratio Lower Upper

122 100

107 119.4 89.2 133.8

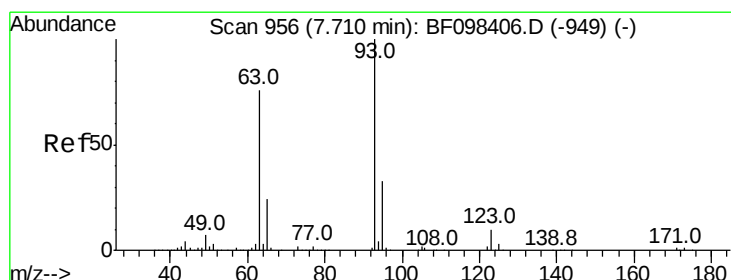
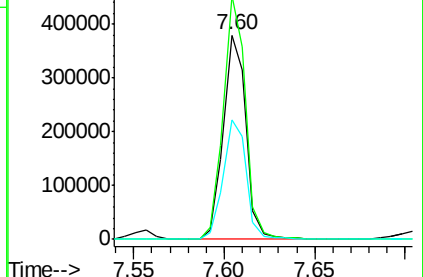
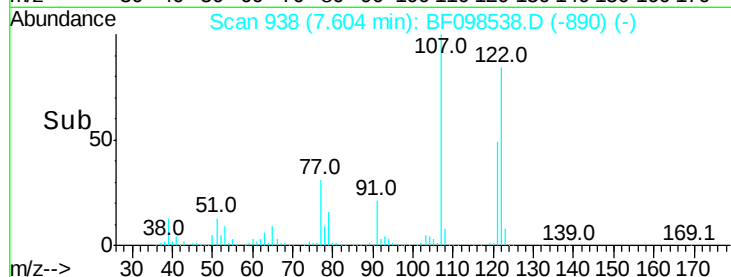
121 58.7 45.2 67.8



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: 39.073 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

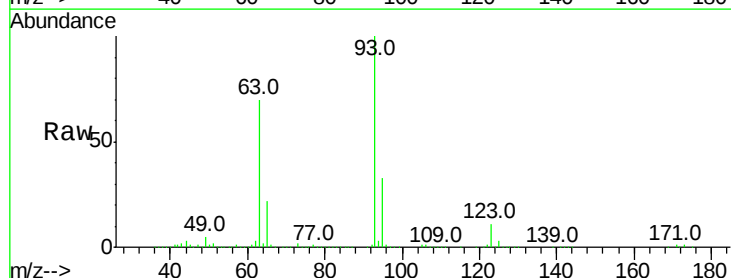
Tgt Ion: 93 Resp: 504492

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

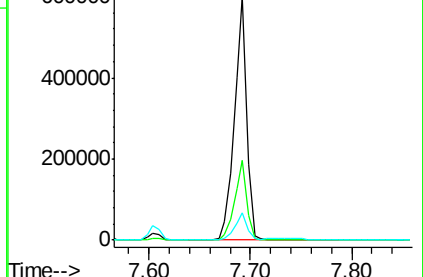
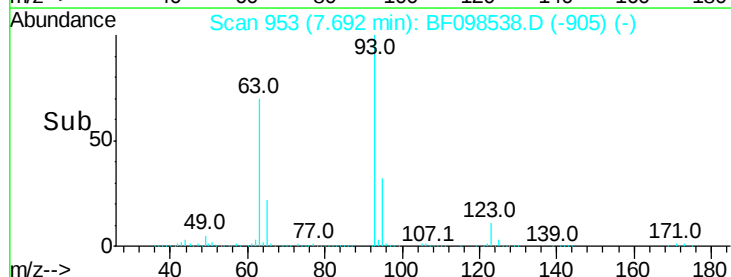
123 11.0 9.0 13.4

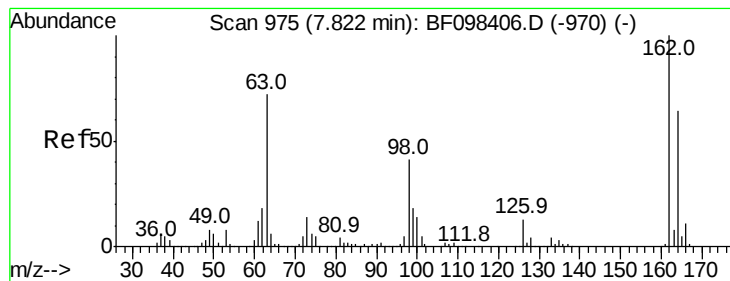


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.122 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

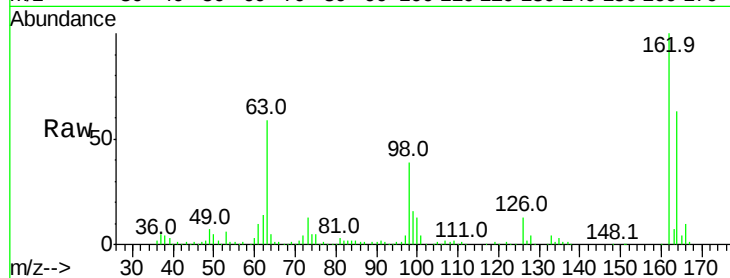
Tot Ion:162 Resp: 344089

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

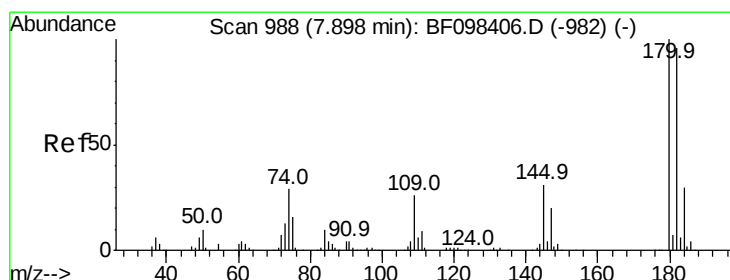
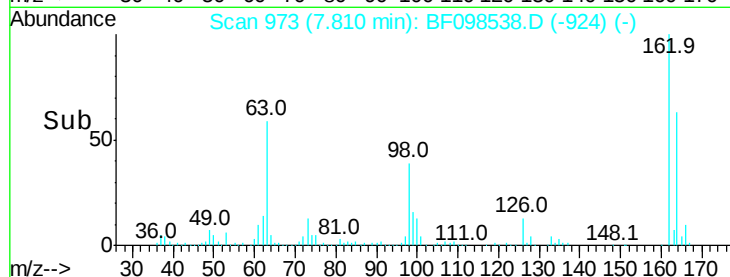
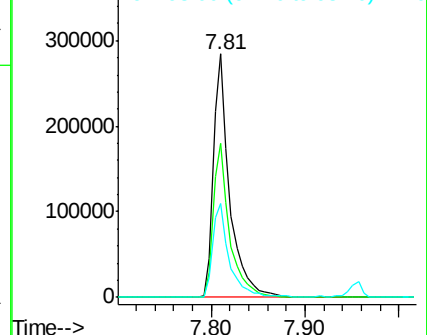
98 38.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.648 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

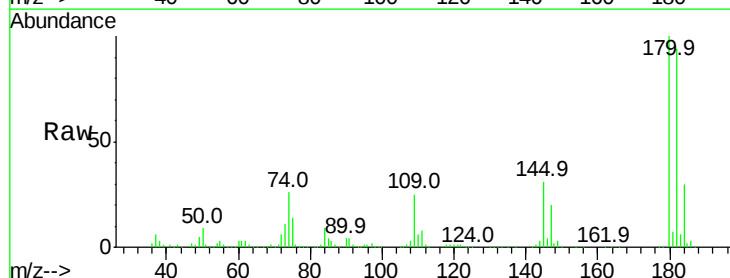
Tgt Ion:180 Resp: 345479

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.6

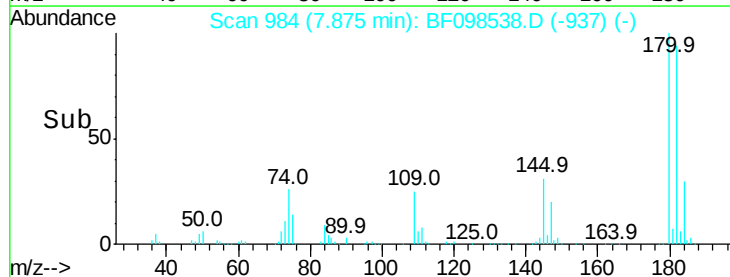
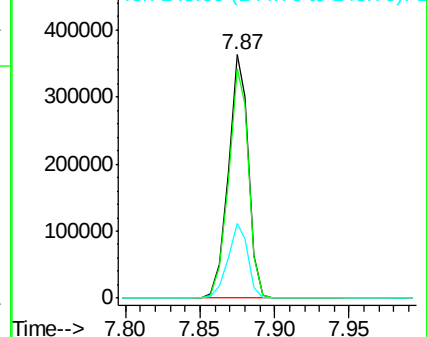
145 30.6 25.3 37.9

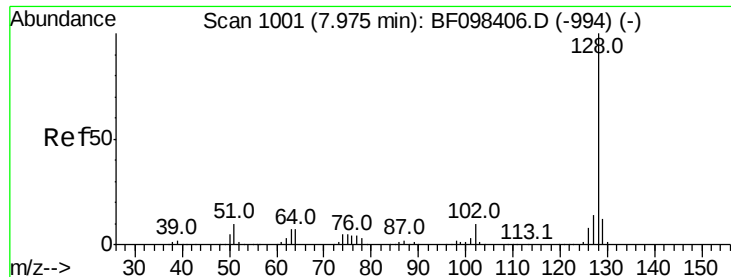


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

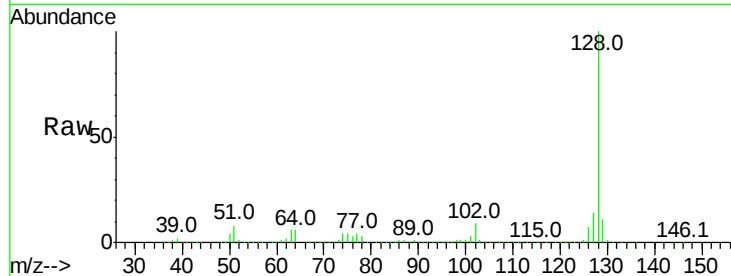




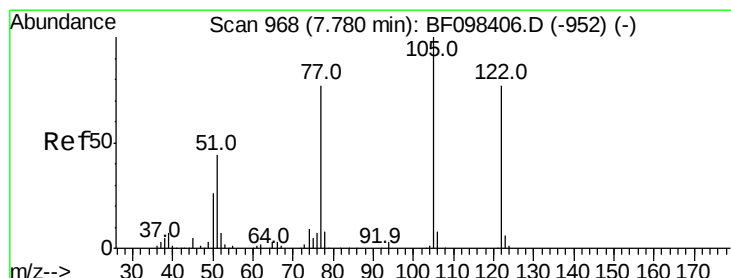
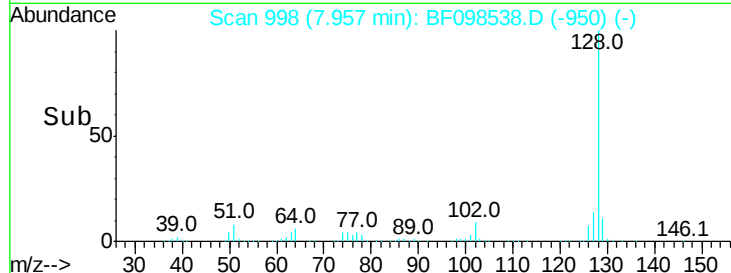
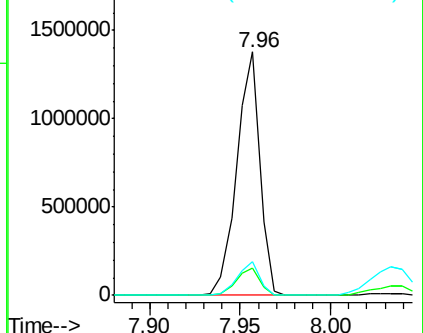
#31
Naphthalene
Concen: 42.388 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:128 Resp: 1221758
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2

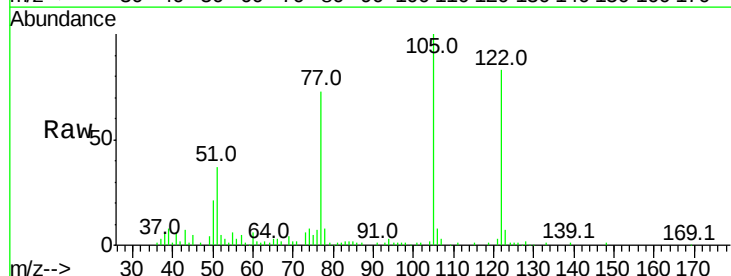


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

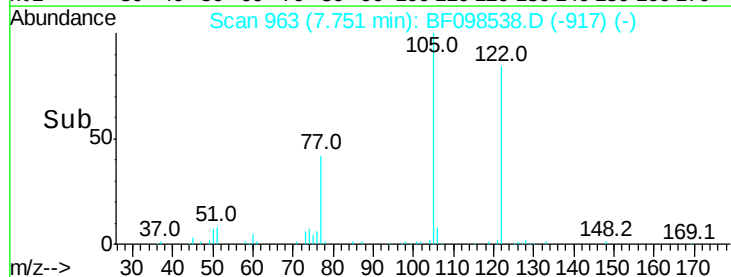
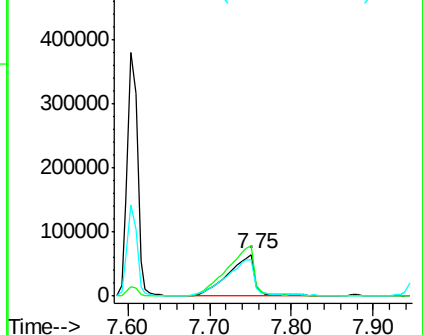


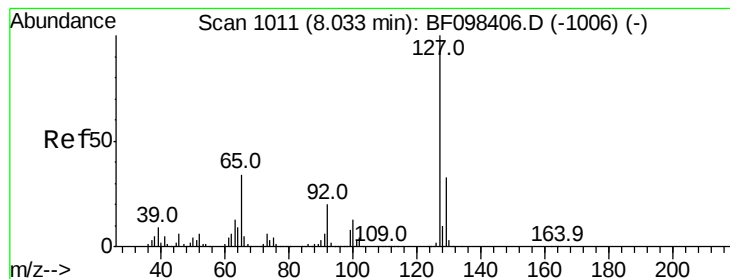
#32
Benzoic acid
Concen: 28.251 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:122 Resp: 149582
Ion Ratio Lower Upper
122 100
105 121.0 103.3 143.3
77 88.9 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: 22.394 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:127 Resp: 262325

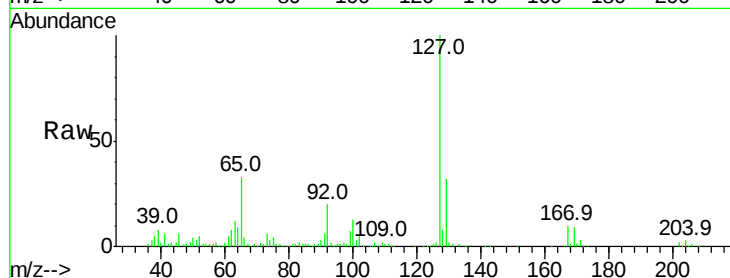
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 33.5 27.8 41.8

92 20.2 16.8 25.2

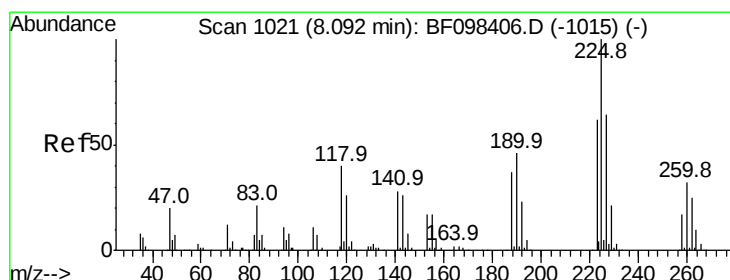
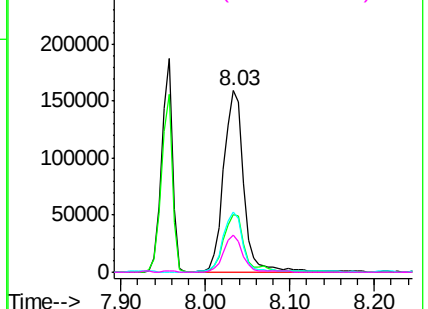
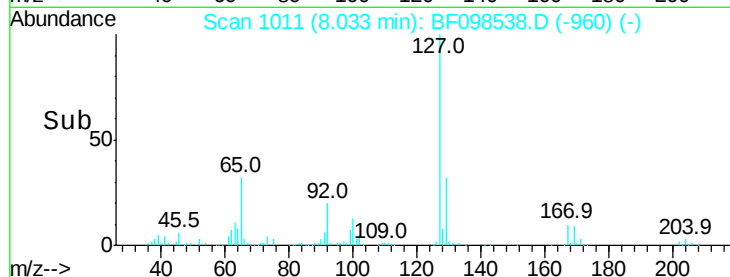


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.698 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

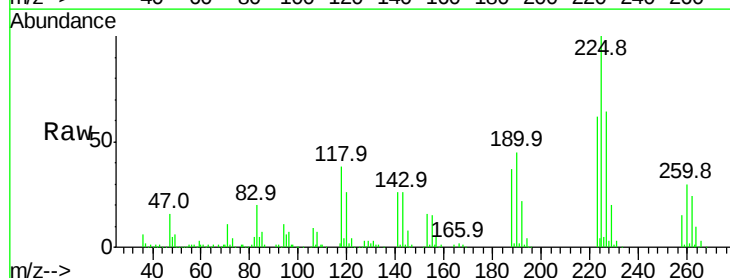
Tgt Ion:225 Resp: 169051

Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

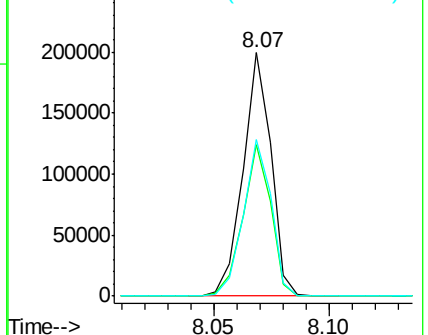
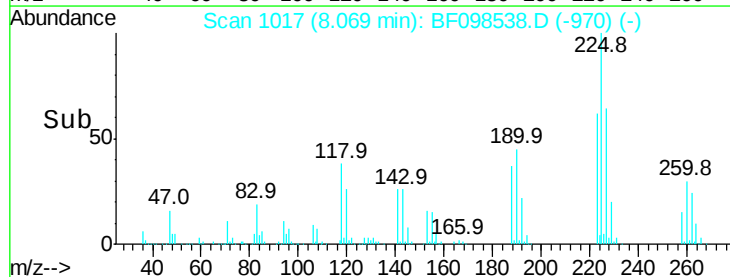
227 64.4 51.1 76.7

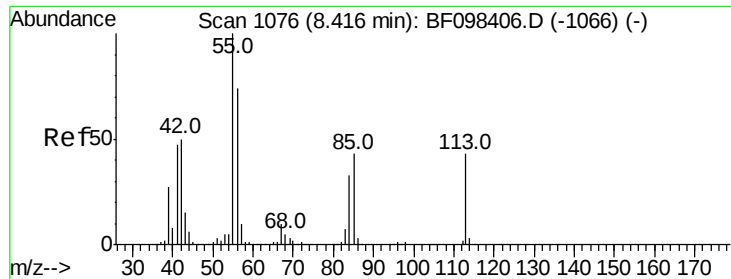


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.697 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

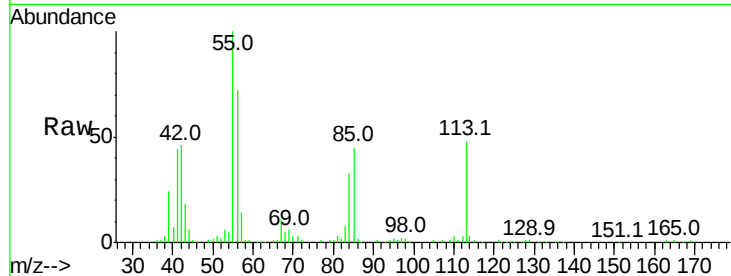
Tot Ion:113 Resp: 80721

Ion Ratio Lower Upper

113 100

55 209.2 150.2 190.2#

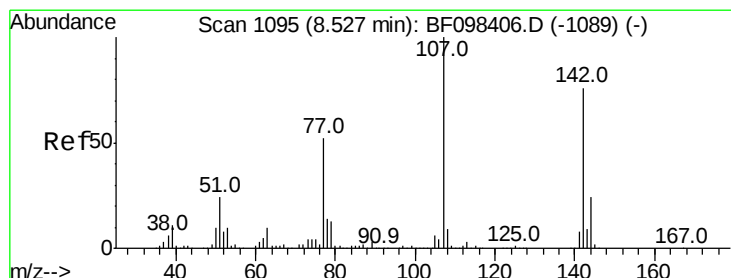
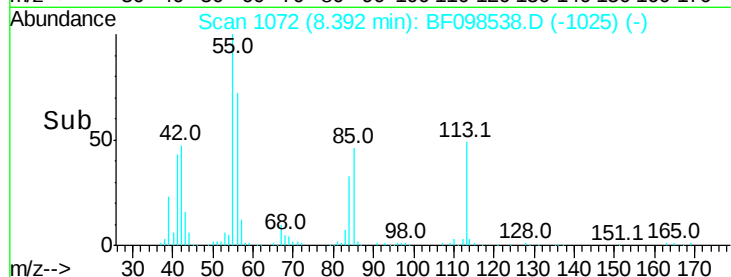
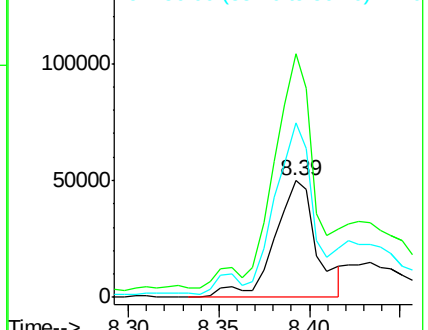
56 150.0 107.8 147.8#



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: 40.196 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

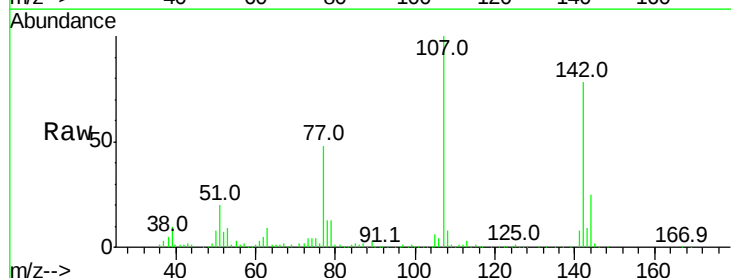
Tgt Ion:107 Resp: 380141

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

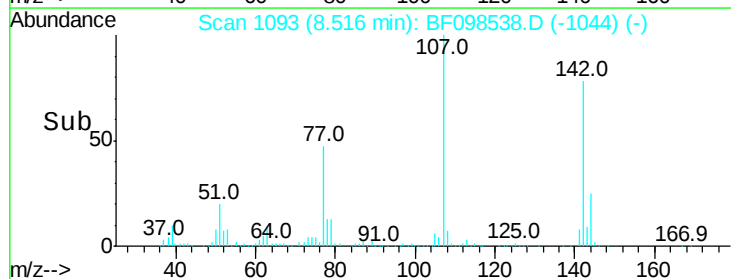
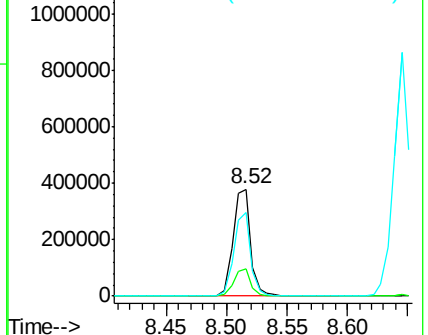
142 78.2 73.4 110.0

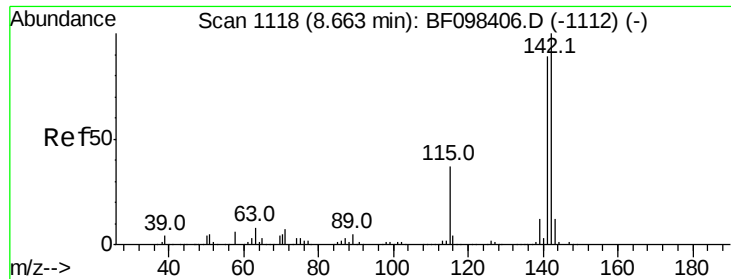


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.603 ng

RT: 8.65 min Scan# 1115

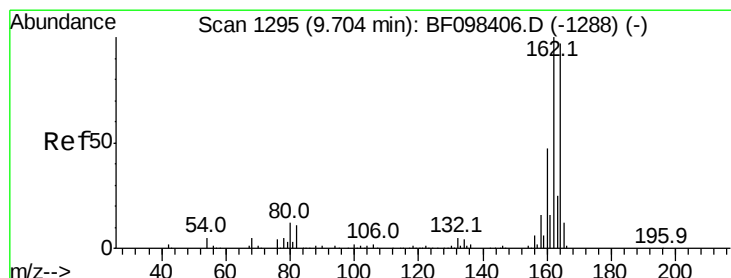
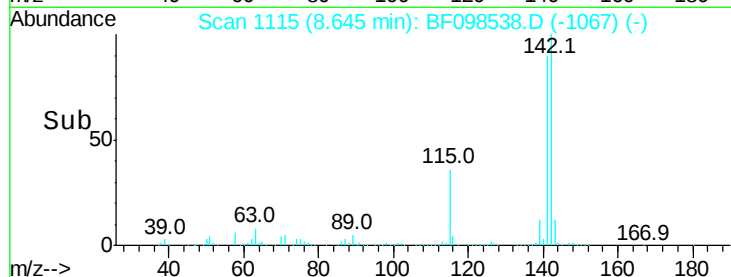
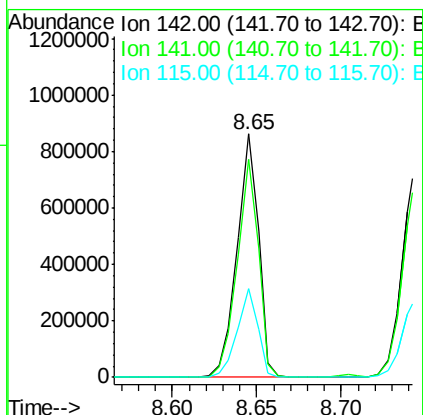
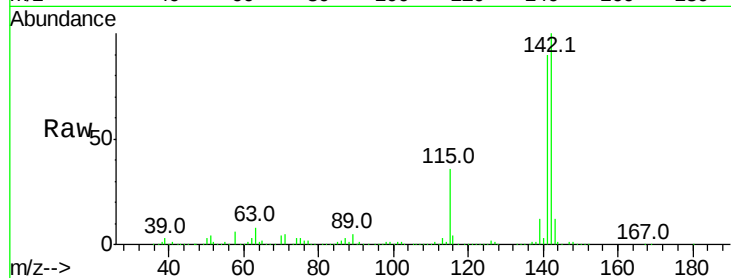
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	36.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

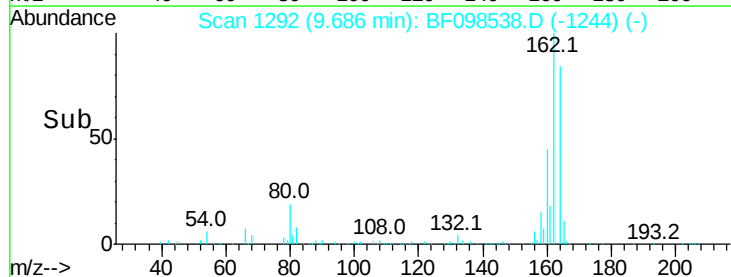
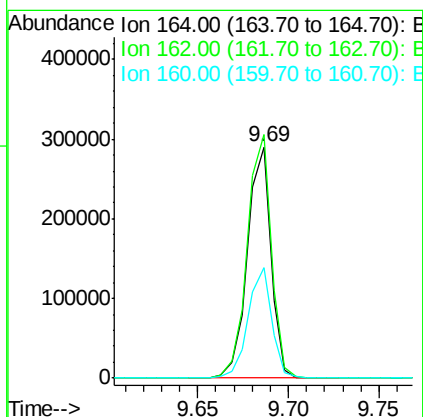
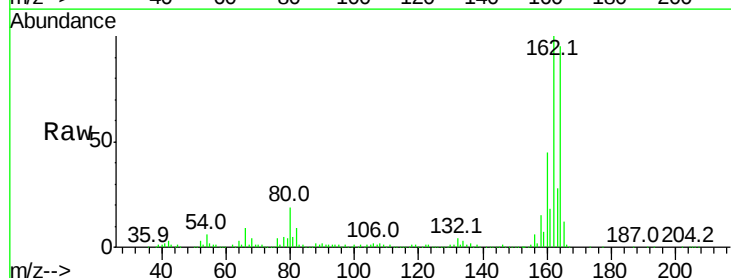
RT: 9.69 min Scan# 1292

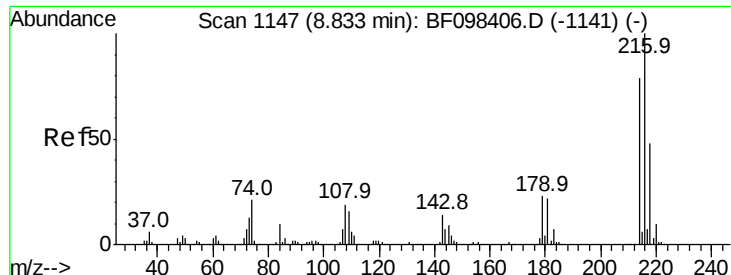
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	48.0	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.693 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:216 Resp: 316309

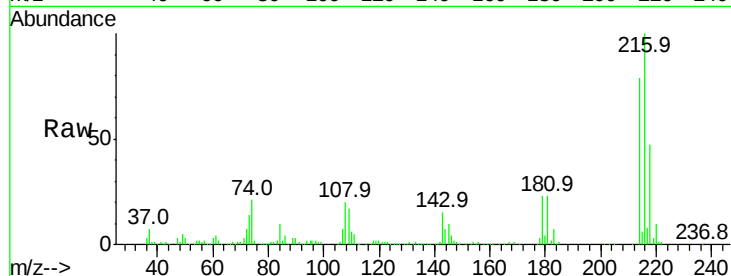
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 23.0 17.9 26.9

108 19.3 16.5 24.7

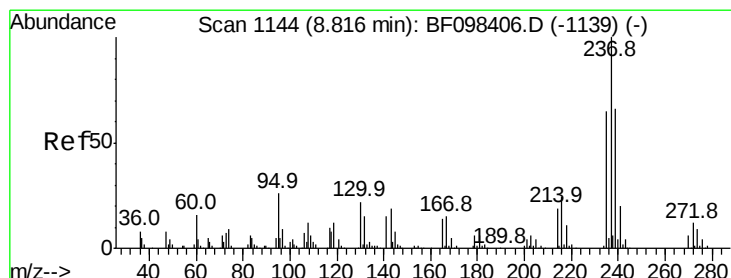
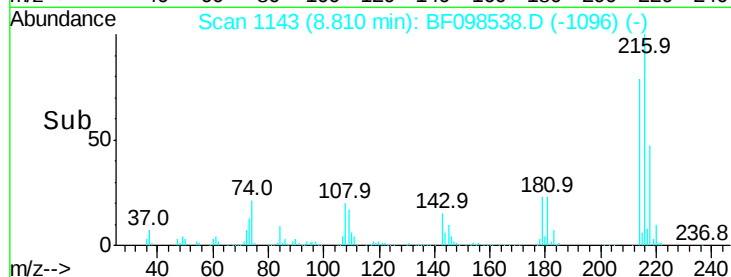
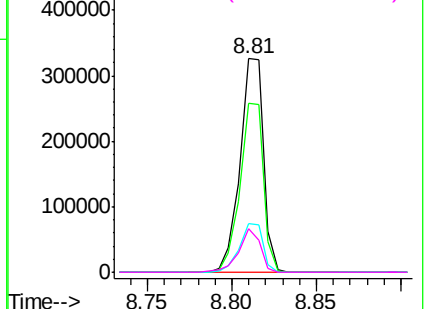


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.327 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

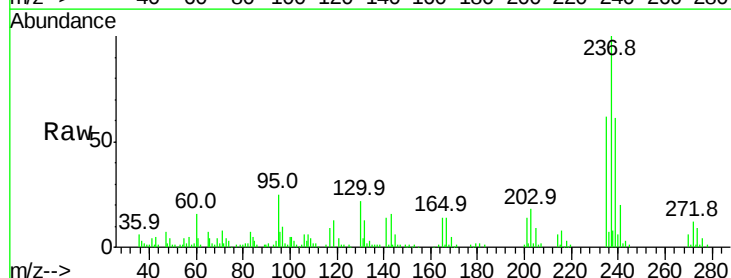
Tgt Ion:237 Resp: 64128

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

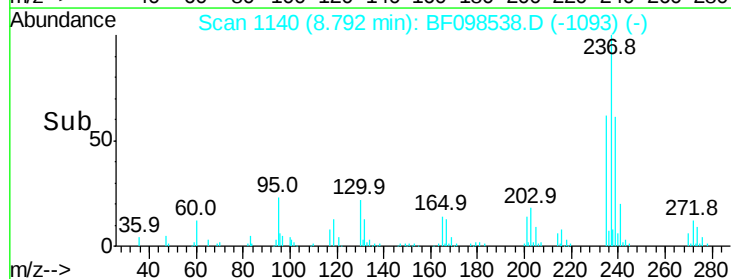
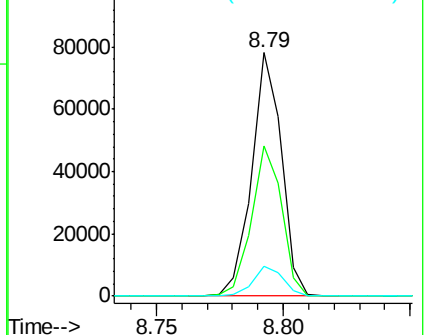
272 12.5 0.0 31.9

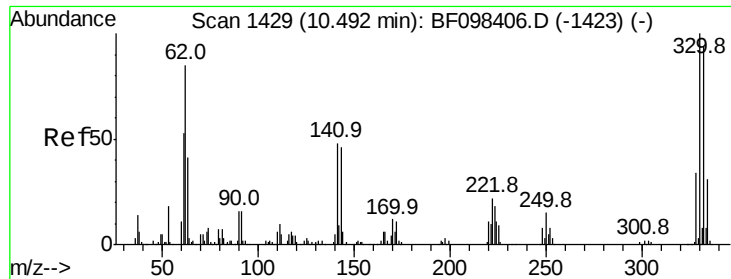


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

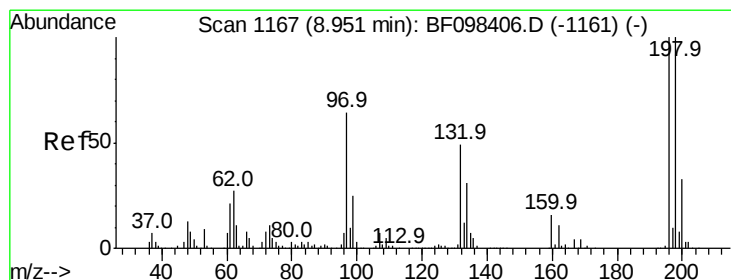
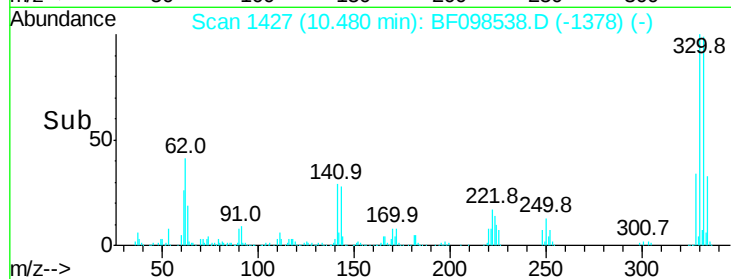
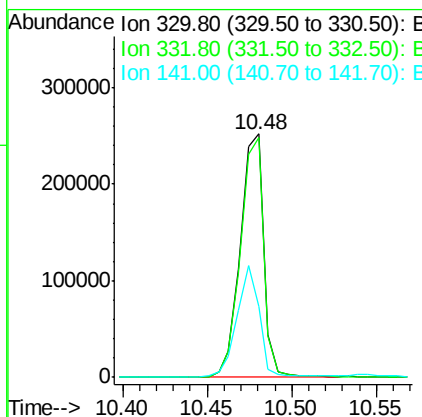
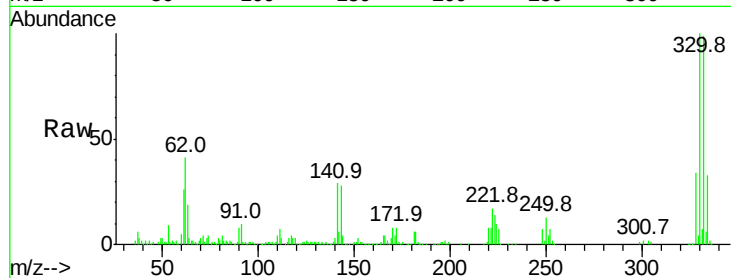




#41
 2,4,6-Tribromophenol
 Concen: 139.874 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

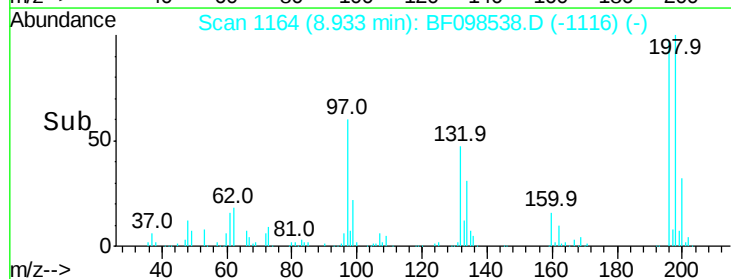
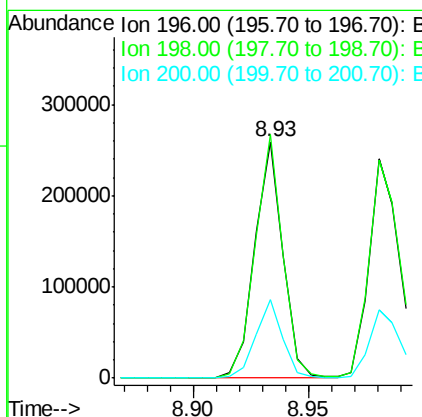
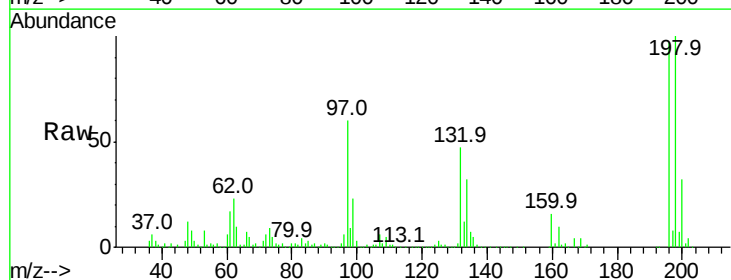
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

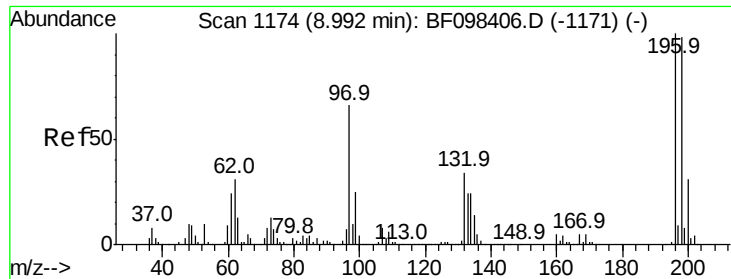
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	42.9	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.233 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.1	74.2	111.4
200	33.0	24.0	36.0

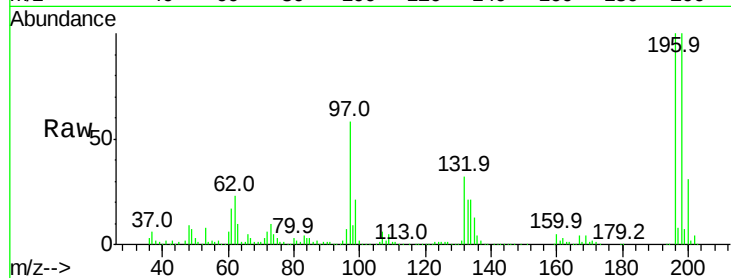




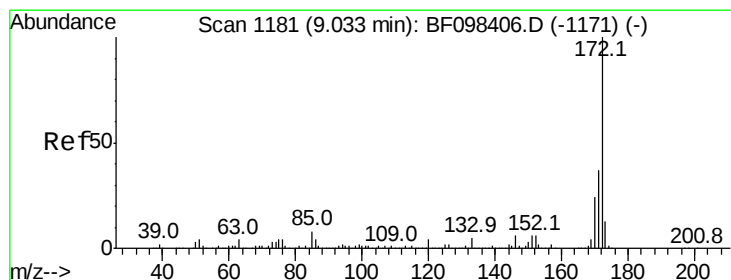
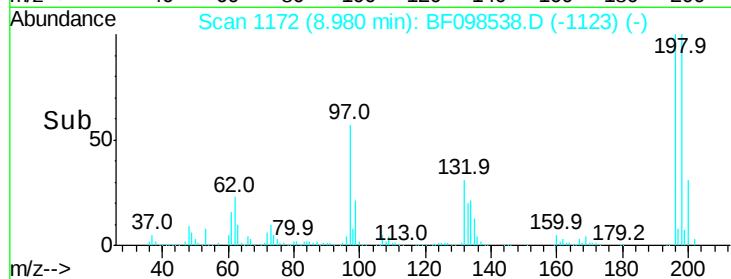
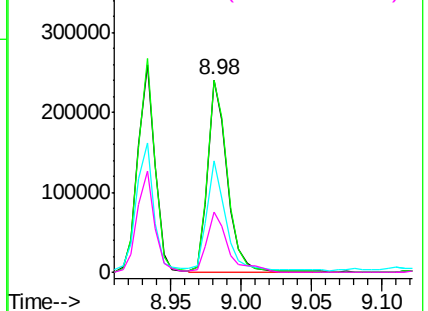
#43
 2,4,5-Trichlorophenol
 Concen: 45.703 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion:	196	Resp:	229377
Ion	Ratio	Lower	Upper
196	100		
198	99.5	75.7	113.5
97	57.7	47.7	71.5
132	31.5	28.0	42.0

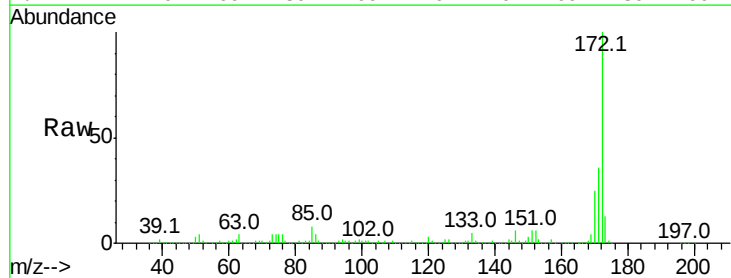


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

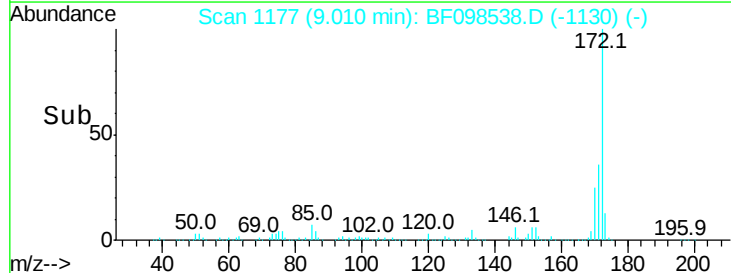
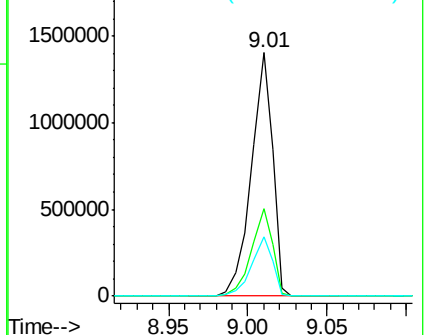


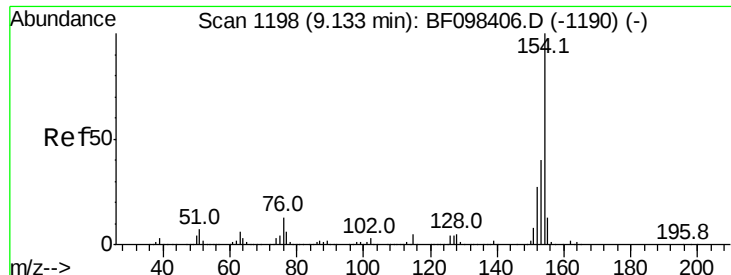
#44
 2-Fluorobiphenyl
 Concen: 84.279 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:	172	Resp:	1304963
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 37.817 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

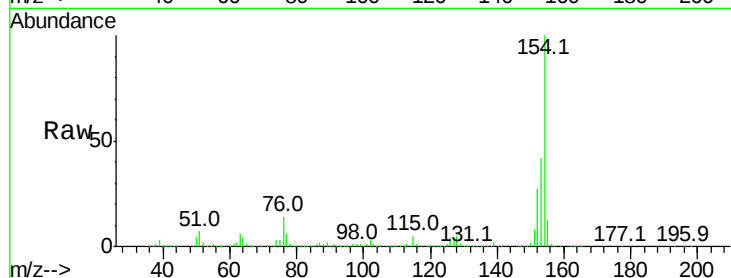
Tot Ion:154 Resp: 888307

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

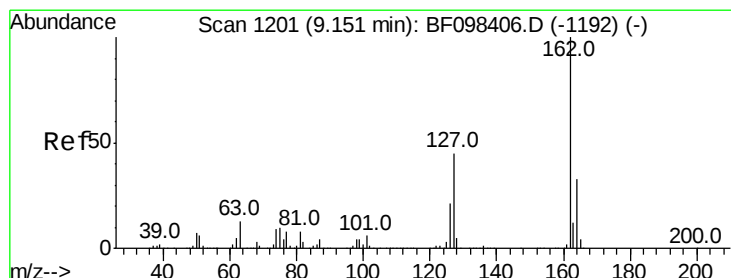
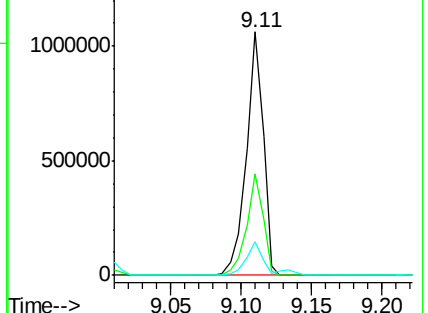
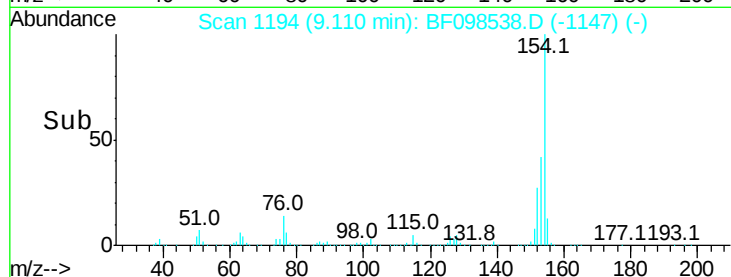
76 13.6 0.0 29.9



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: 40.199 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

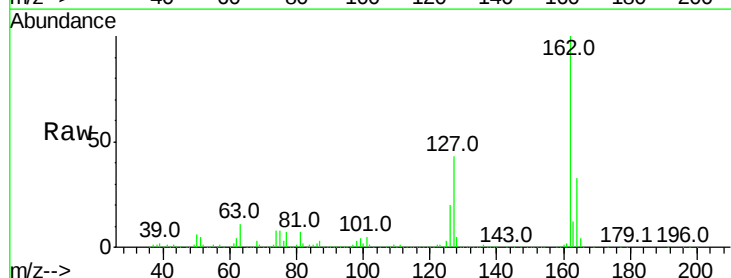
Tgt Ion:162 Resp: 674360

Ion Ratio Lower Upper

162 100

127 43.2 28.3 42.5#

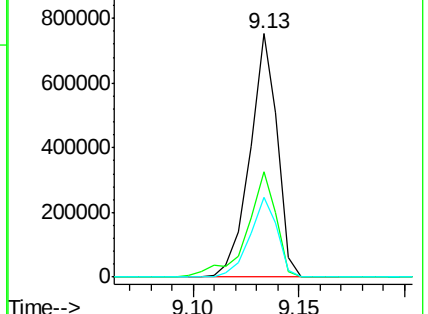
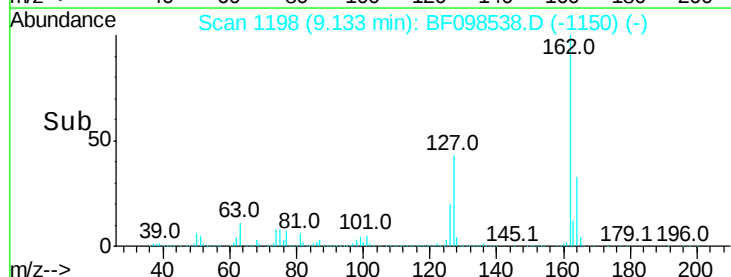
164 32.6 27.0 40.4

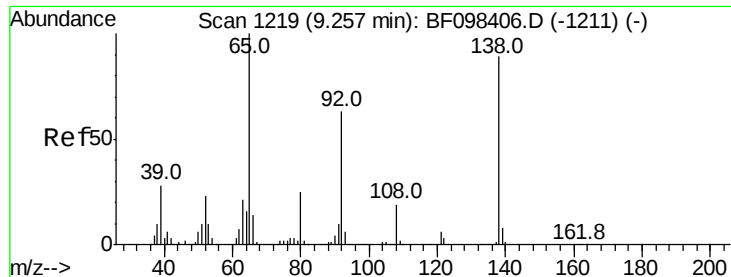


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.197 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

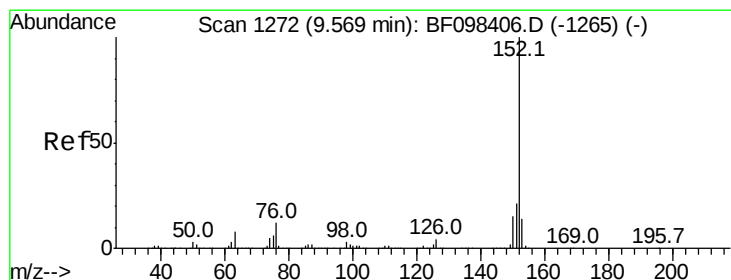
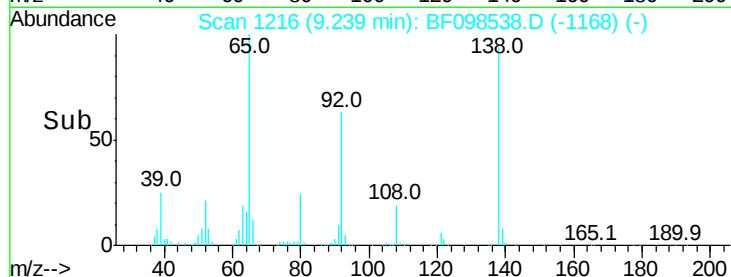
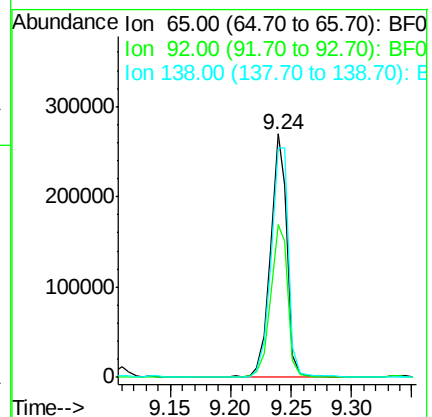
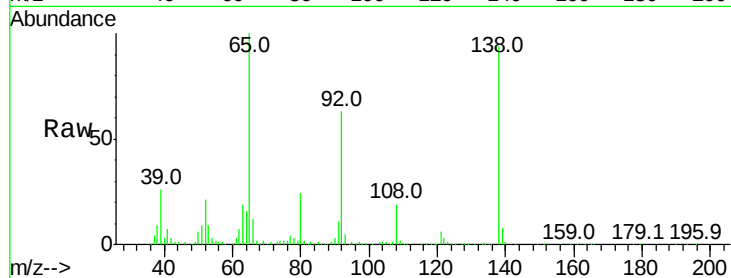
Tot Ion: 65 Resp: 252382

Ion Ratio Lower Upper

65 100

92 63.0 53.9 80.9

138 94.2 78.8 118.2



#48

Acenaphthylene

Concen: 40.261 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

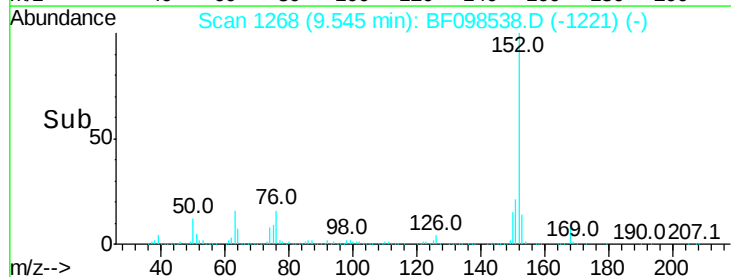
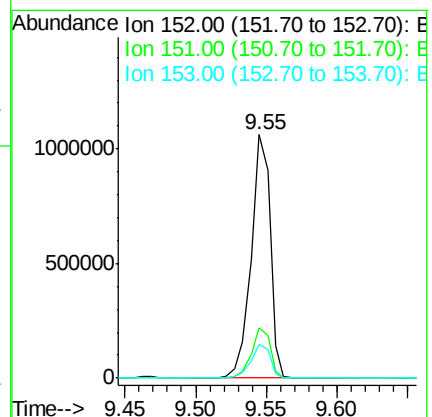
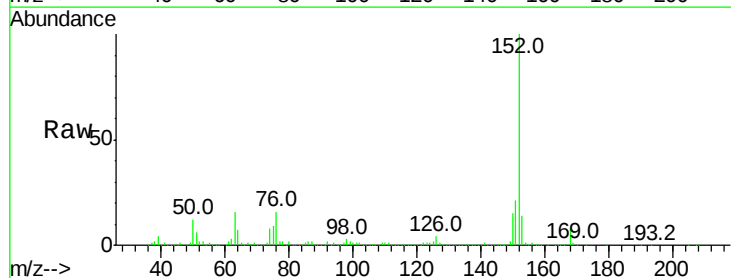
Tgt Ion: 152 Resp: 1004230

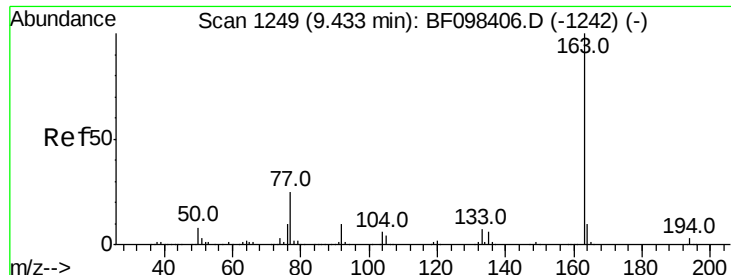
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.0 10.8 16.2

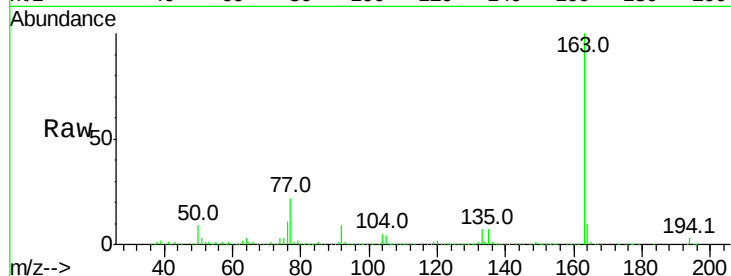




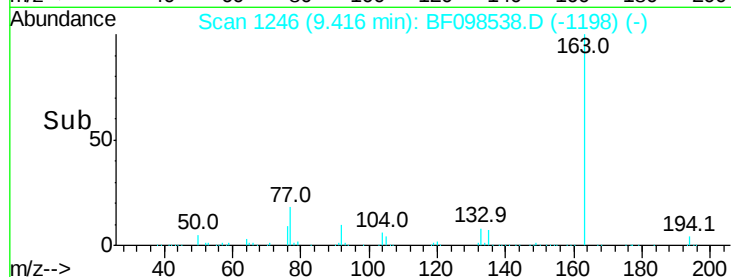
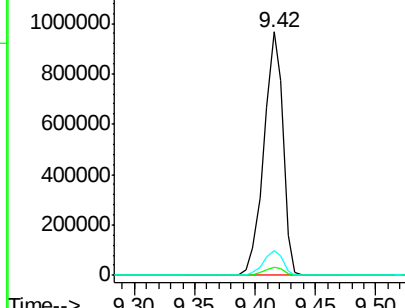
#49
Dimethylphthalate
Concen: 52.407 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:163 Resp: 1064629
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6

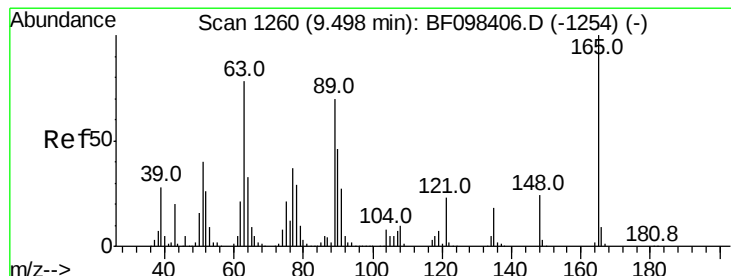


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

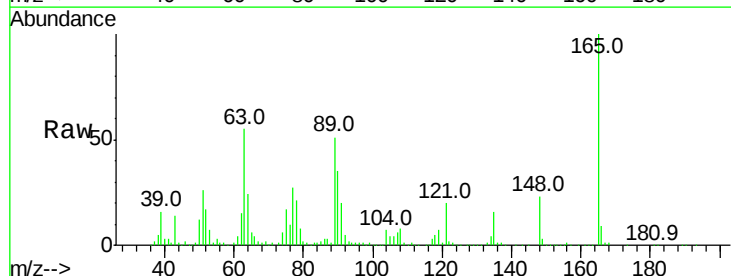
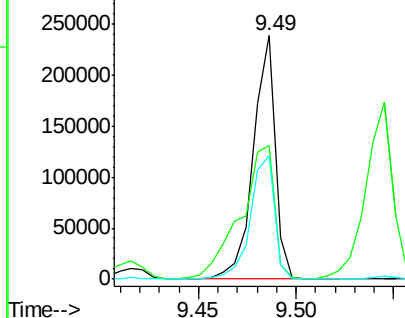


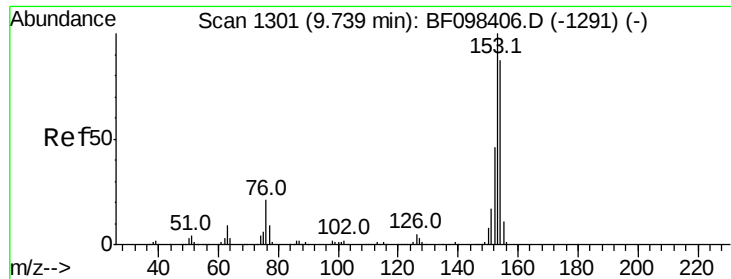
#50
2,6-Dinitrotoluene
Concen: 44.327 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:165 Resp: 184972
Ion Ratio Lower Upper
165 100
63 54.8 34.3 51.5#
89 50.8 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: 41.688 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

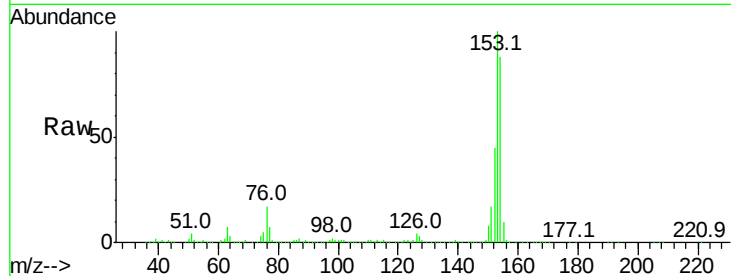
Tot Ion:154 Resp: 660972

Ion Ratio Lower Upper

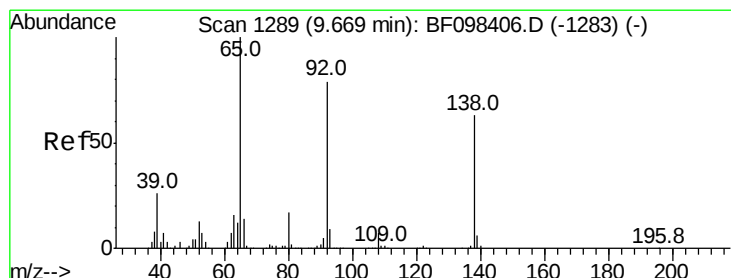
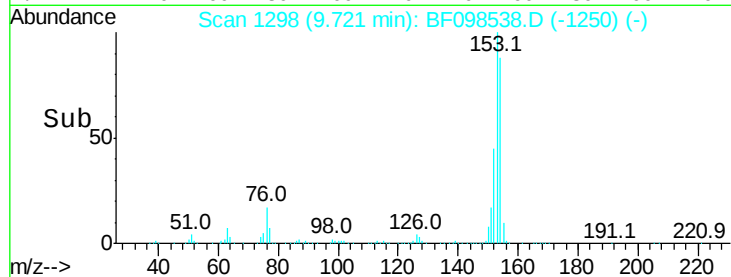
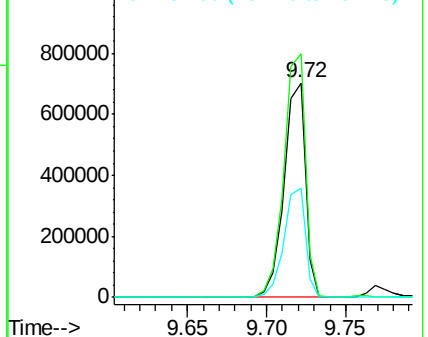
154 100

153 113.5 90.5 135.7

152 51.2 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: 27.490 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

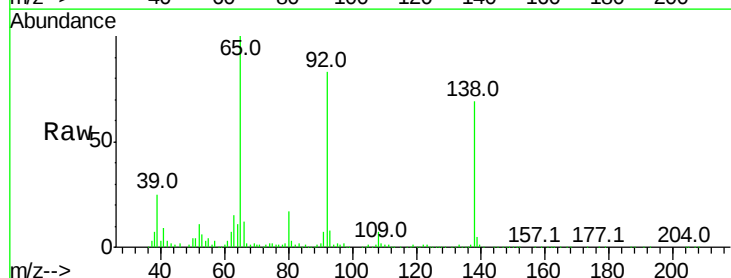
Tgt Ion:138 Resp: 138474

Ion Ratio Lower Upper

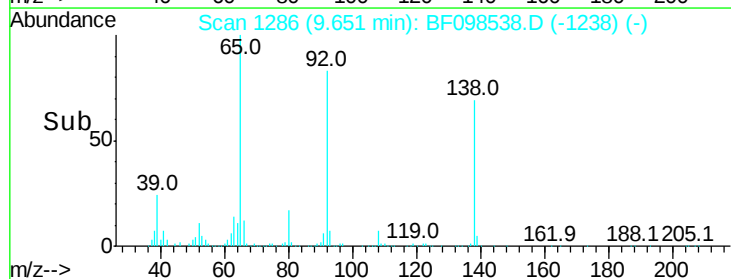
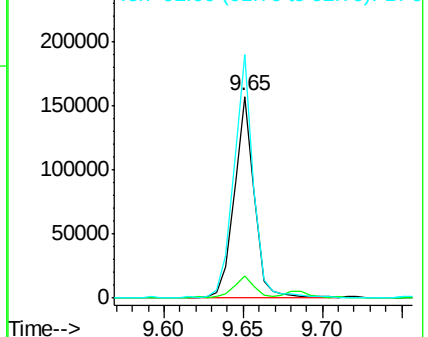
138 100

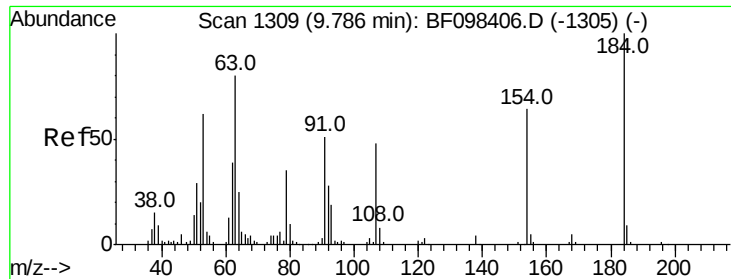
108 10.8 9.1 13.7

92 120.8 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

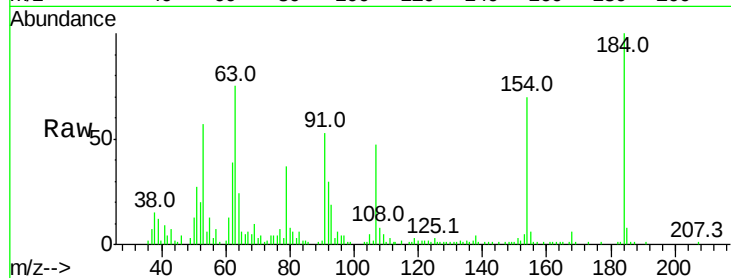




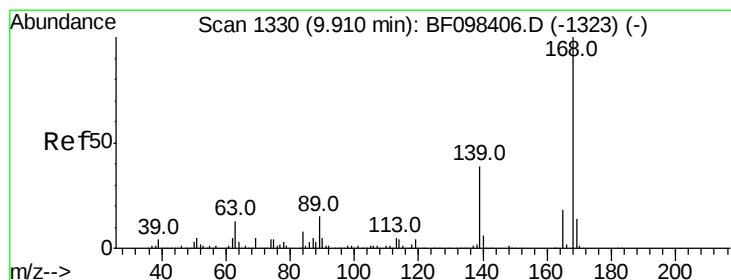
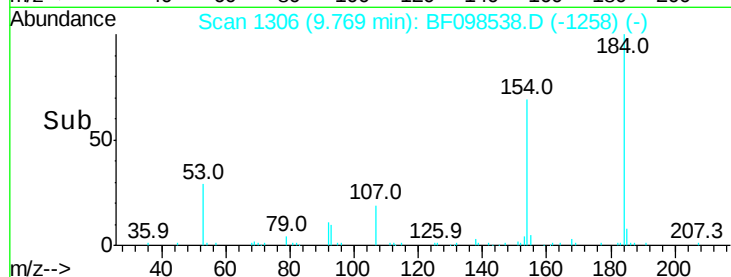
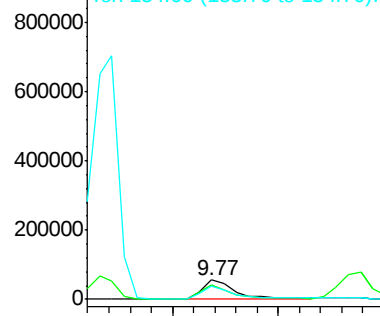
#53
2,4-Dinitrophenol
Concen: 36.136 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:184 Resp: 60960
Ion Ratio Lower Upper
184 100
63 75.5 62.7 94.1
154 69.7 81.1 121.7#

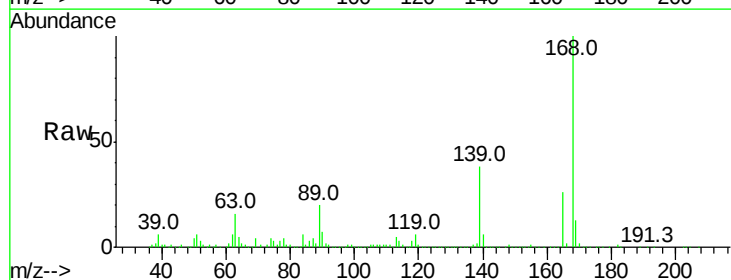


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

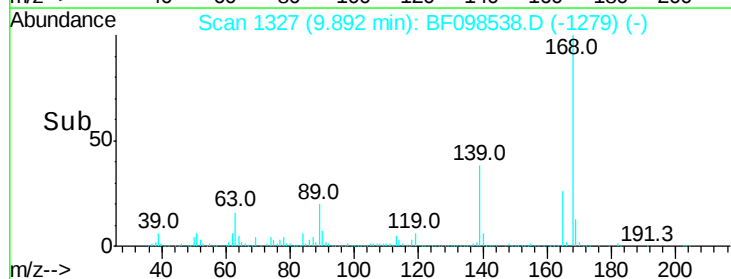
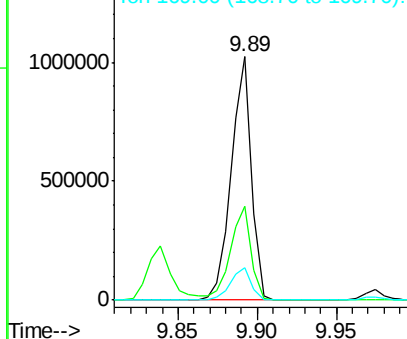


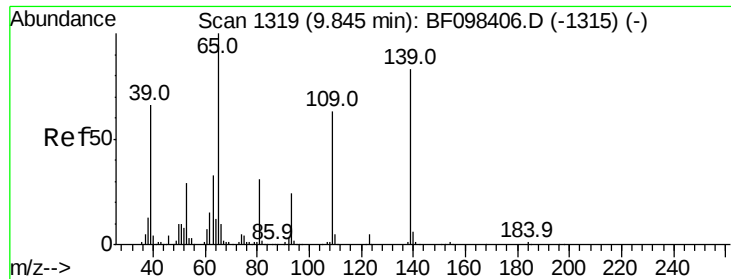
#54
Dibenzofuran
Concen: 43.061 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:168 Resp: 899456
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8
169 13.2 10.8 16.2



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





#55

4-Nitrophenol

Concen: 80.793 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampled :

RL-15-0-17.5MS

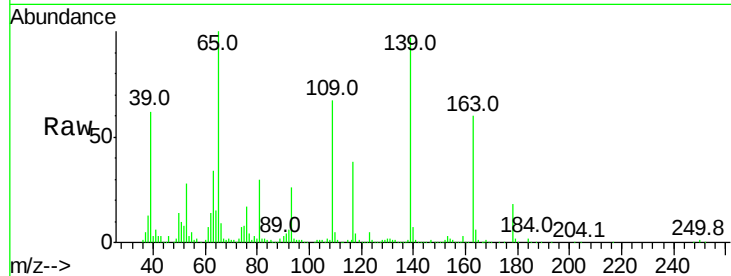
Tot Ion:139 Resp: 233817

Ion Ratio Lower Upper

139 100

109 68.9 34.1 74.1

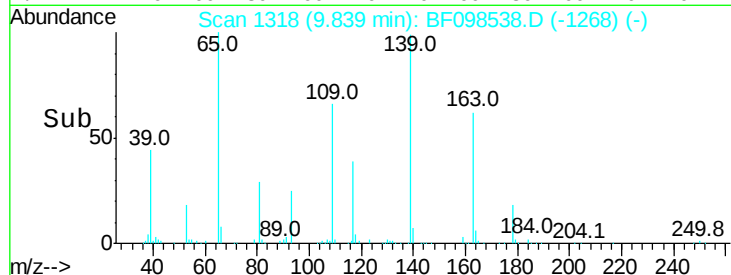
65 103.3 31.4 71.4#



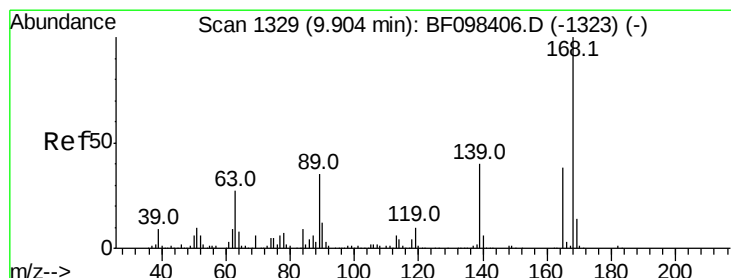
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 45.014 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:165 Resp: 228365

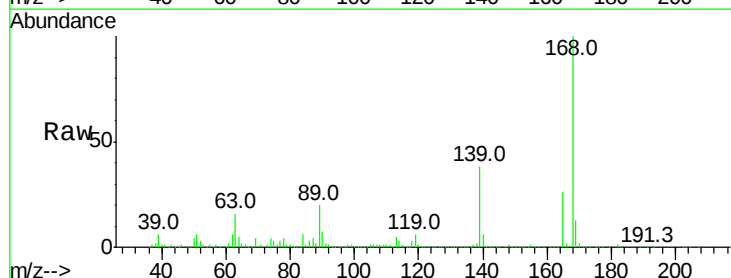
Ion Ratio Lower Upper

165 100

63 63.9 25.4 38.0#

89 78.3 46.4 69.6#

182 2.4 1.8 2.6

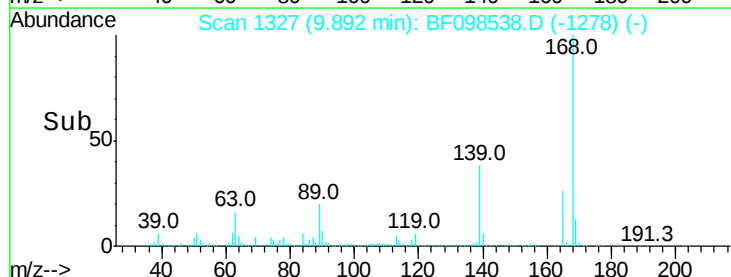


Abundance Ion 165.00 (164.70 to 165.70): E

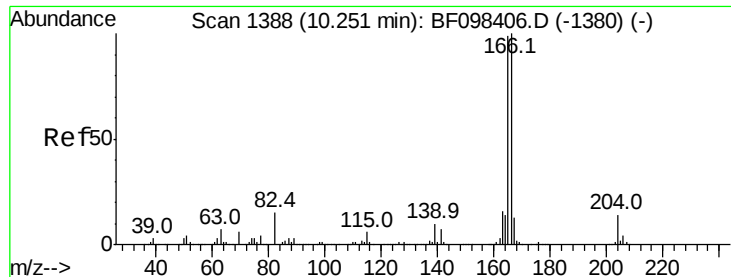
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 43.166 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

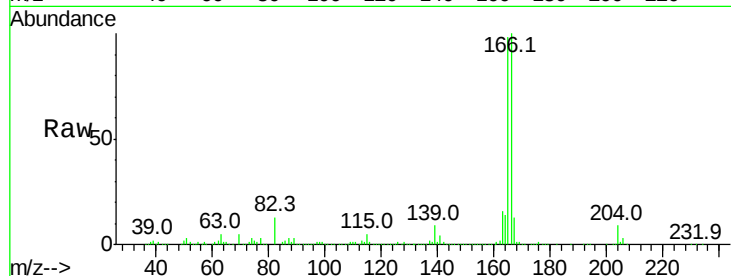
Tot Ion:166 Resp: 746287

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

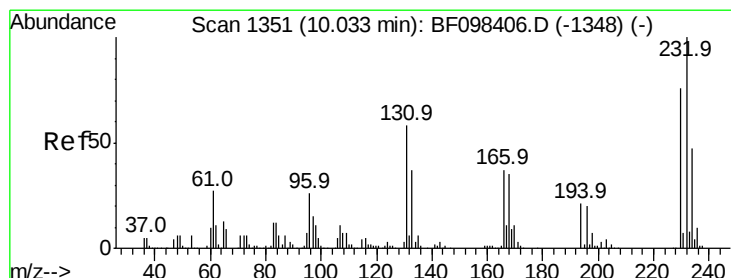
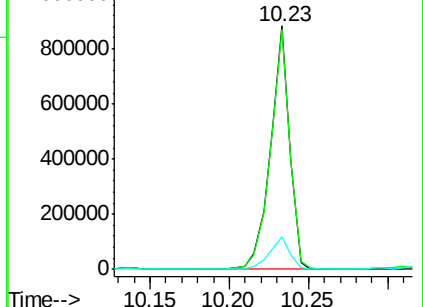
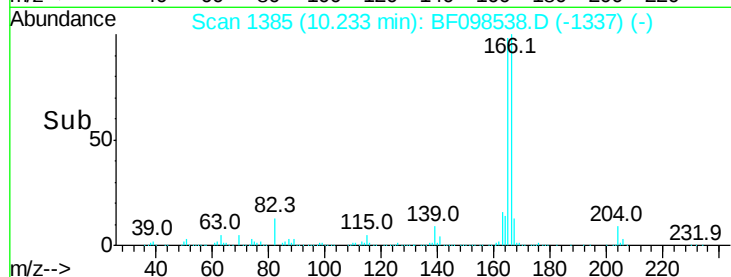
167 13.1 10.6 16.0



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: 49.799 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:232 Resp: 167967

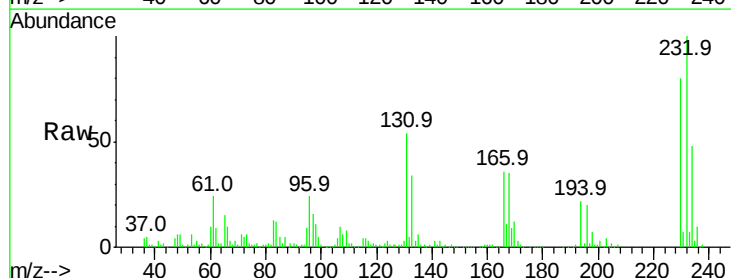
Ion Ratio Lower Upper

232 100

131 52.0 44.8 67.2

130 2.9 2.3 3.5

166 33.6 29.0 43.4

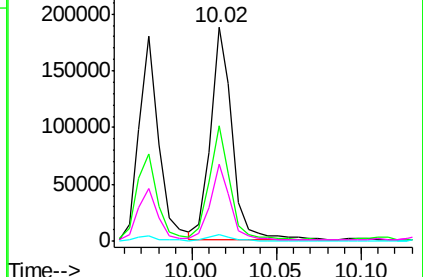
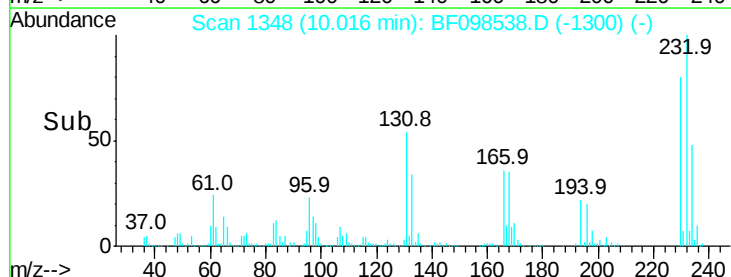


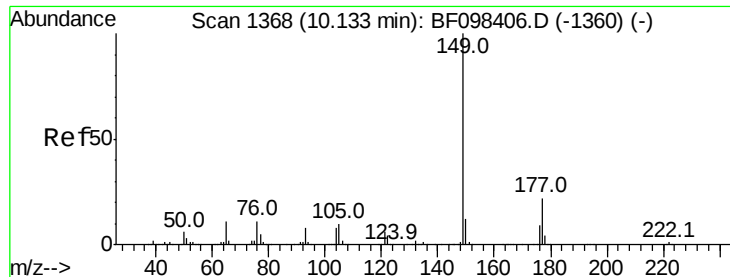
Abundance Ion 232.00 (231.70 to 232.70): E

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

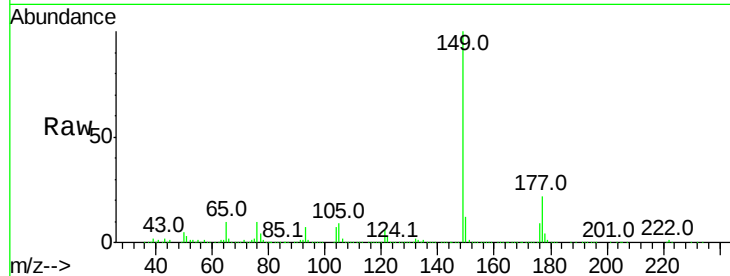




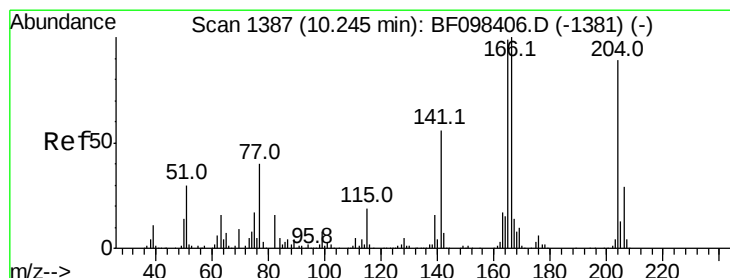
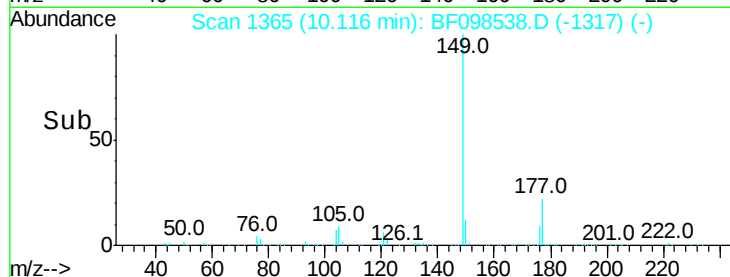
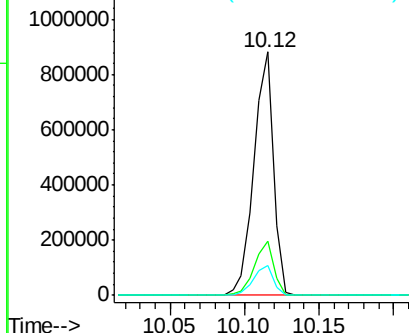
#59
Diethylphthalate
Concen: 40.932 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:149 Resp: 790800
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.0 10.2 15.2

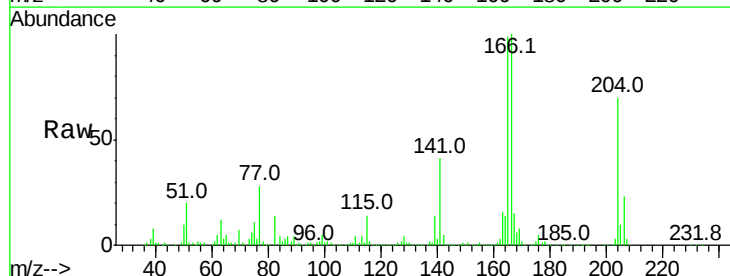


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

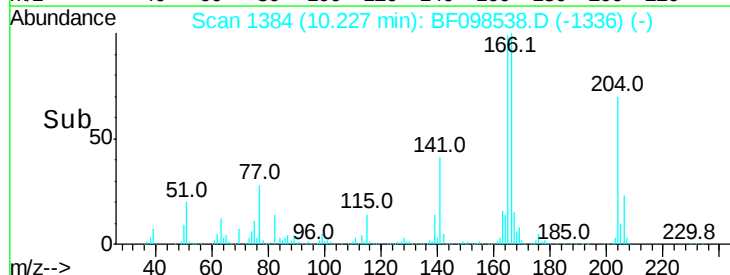
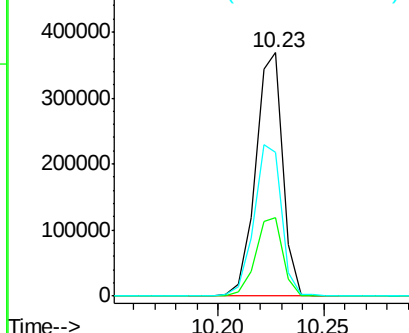


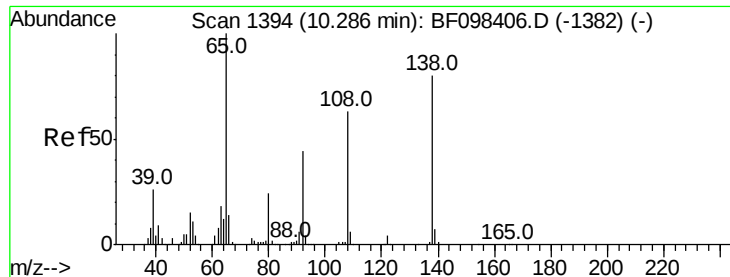
#60
4-Chlorophenyl-phenylether
Concen: 41.252 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:204 Resp: 329423
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 59.0 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: 33.780 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

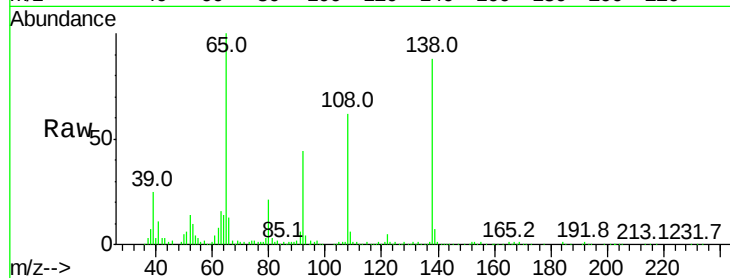
Tot Ion:138 Resp: 171842

Ion Ratio Lower Upper

138 100

92 49.6 21.8 61.8

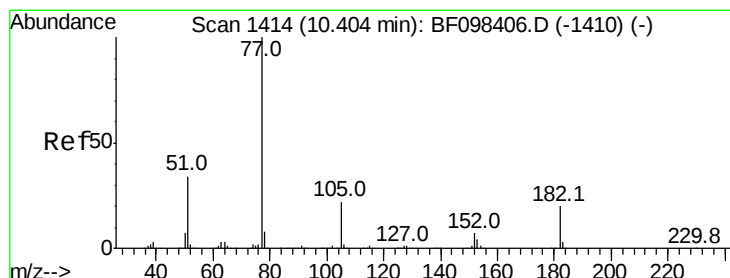
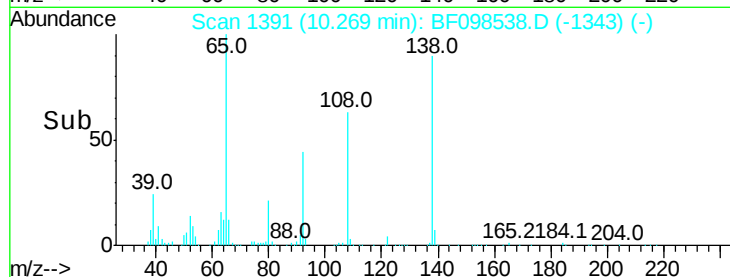
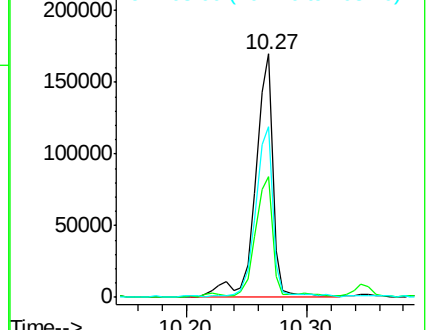
108 70.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.885 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion: 77 Resp: 747216

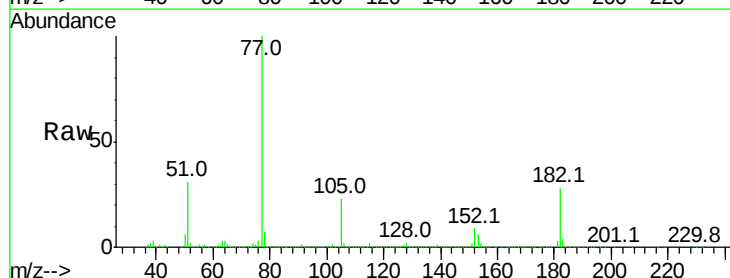
Ion Ratio Lower Upper

77 100

182 27.6 0.1 40.1

105 23.1 3.6 43.6

51 31.0 9.4 49.4

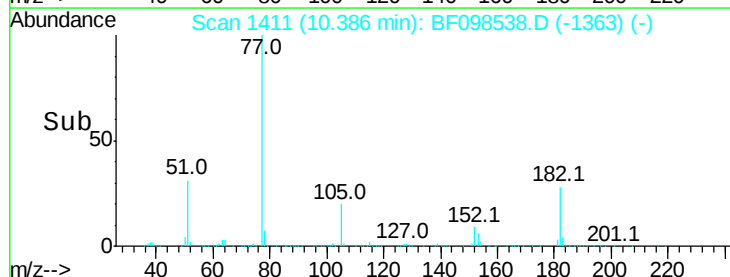
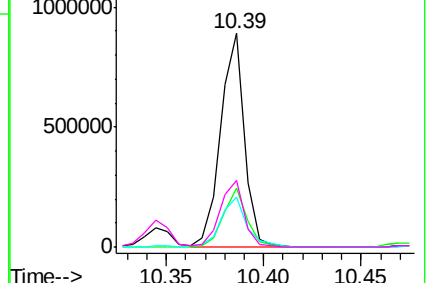


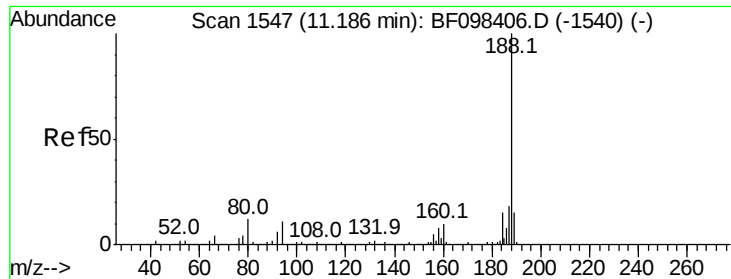
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

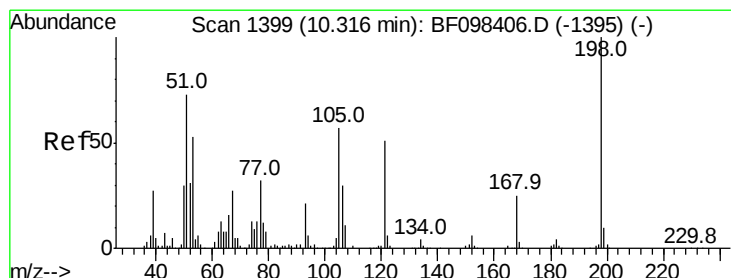
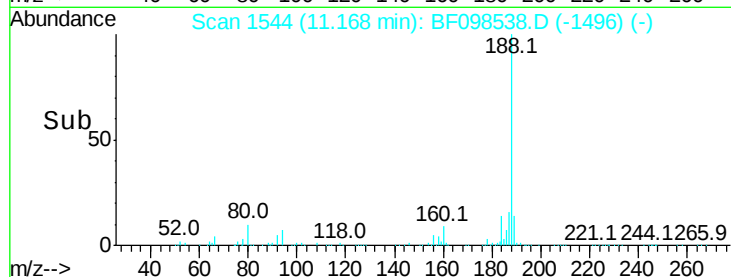
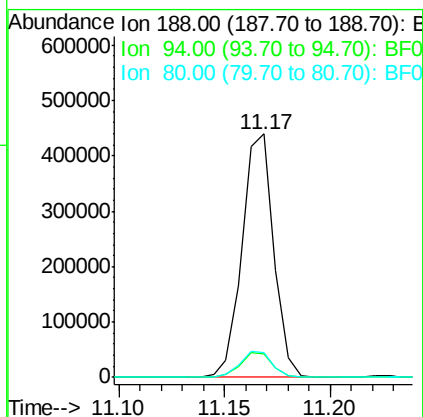
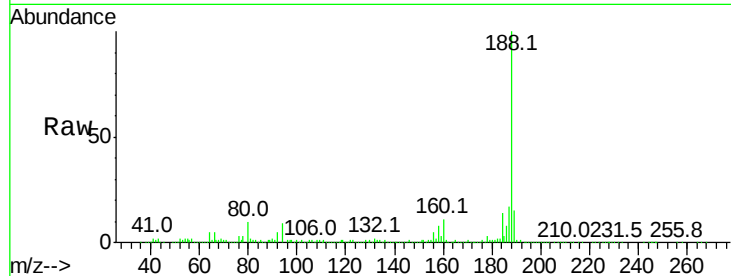




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

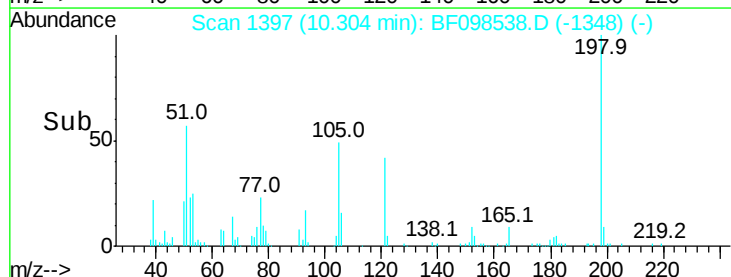
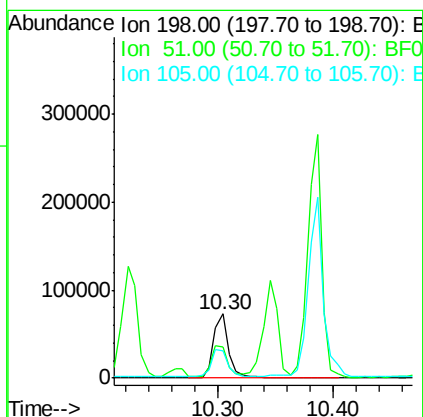
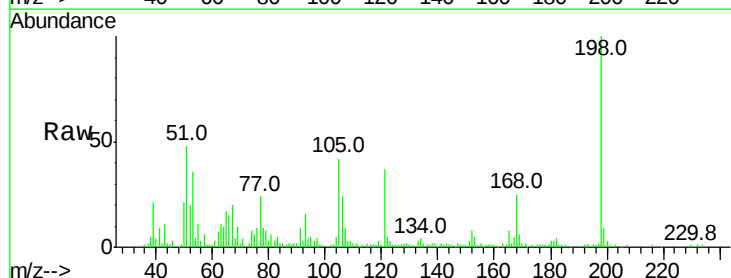
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

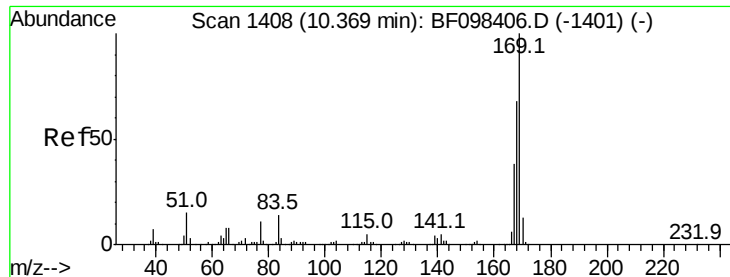
Tot Ion:188 Resp: 454969
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 26.613 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:198 Resp: 67382
Ion Ratio Lower Upper
198 100
51 48.2 53.2 93.2#
105 42.1 45.8 85.8#

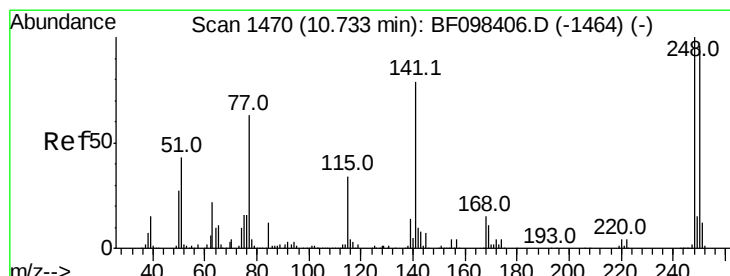
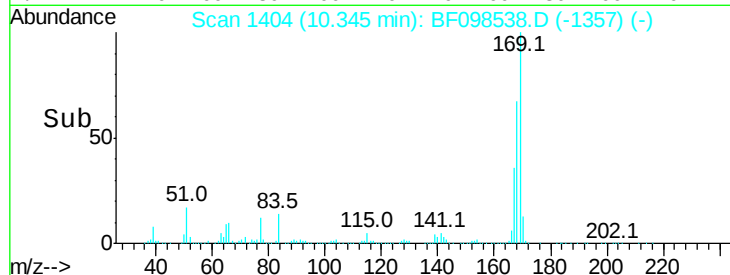
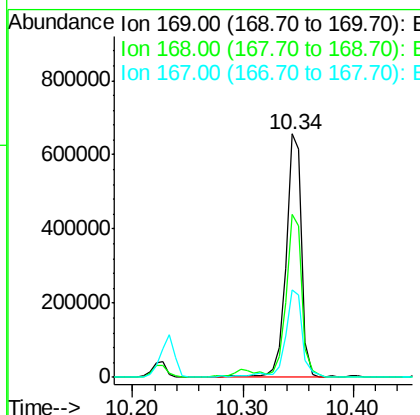
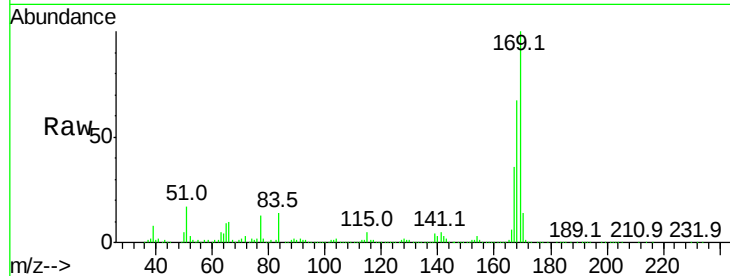




#65
n-Nitrosodiphenylamine
Concen: 43.112 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

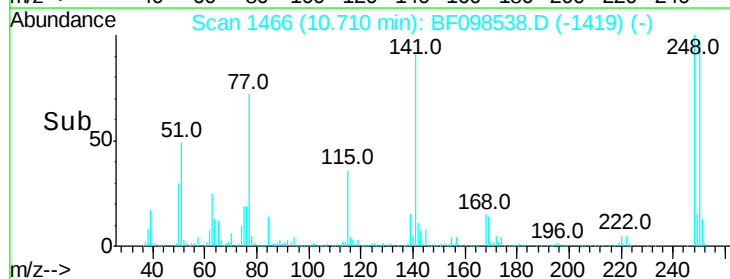
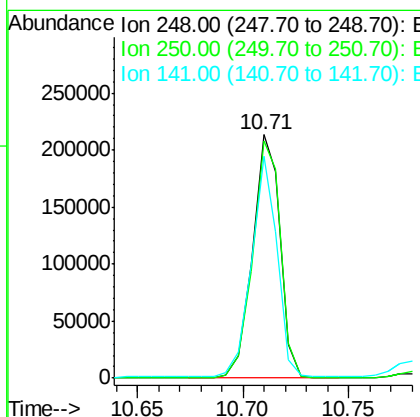
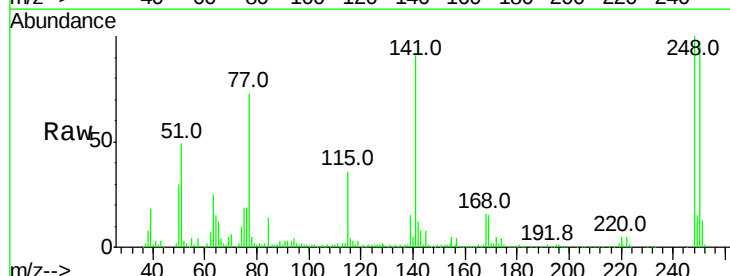
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

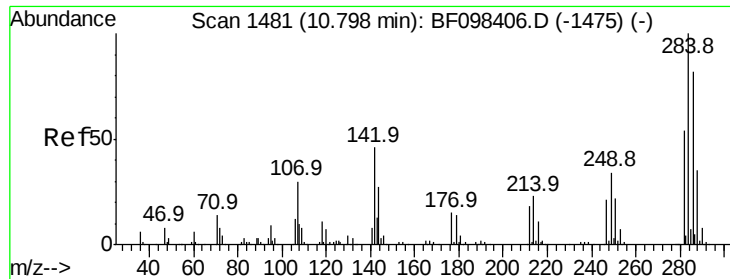
Tot Ion:169 Resp: 636898
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.838 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:248 Resp: 193615
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 91.3 68.6 103.0

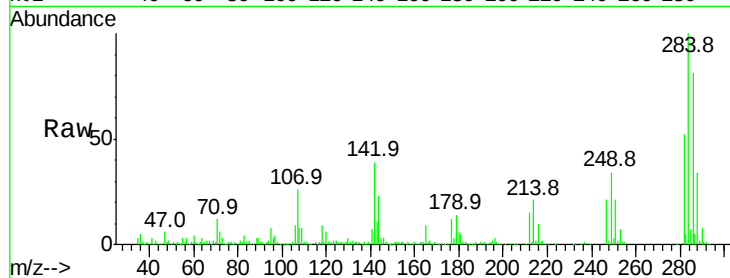




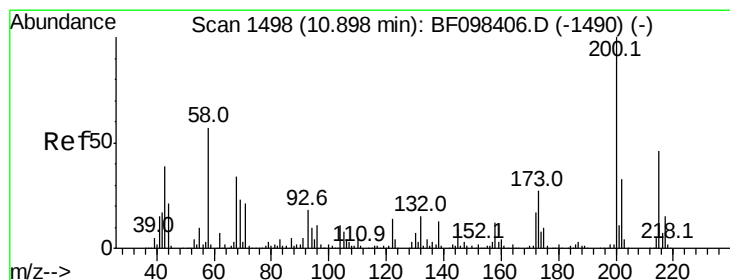
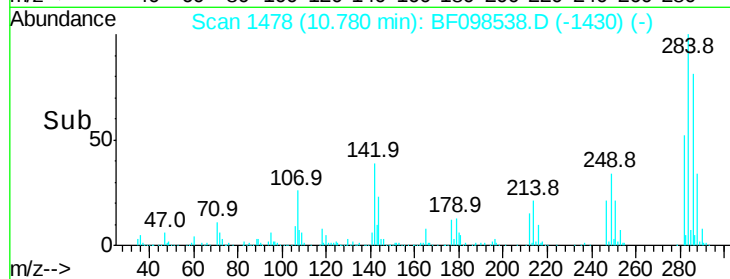
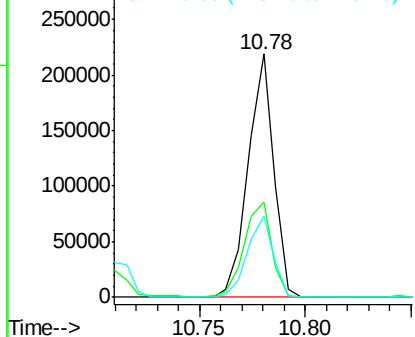
#67
Hexachlorobenzene
Concen: 42.042 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:284 Resp: 184142
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 33.5 24.0 36.0

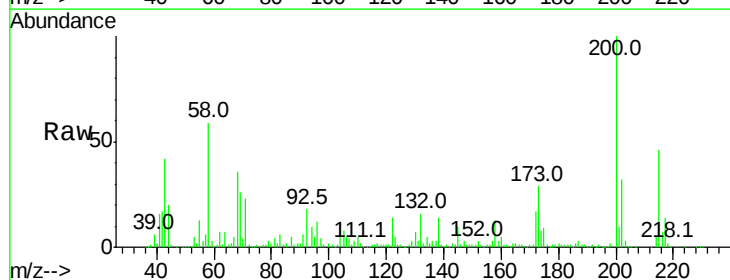


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

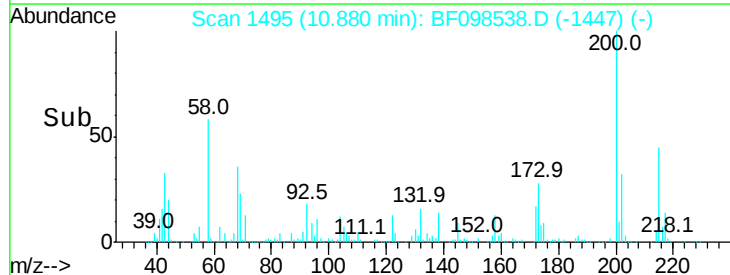
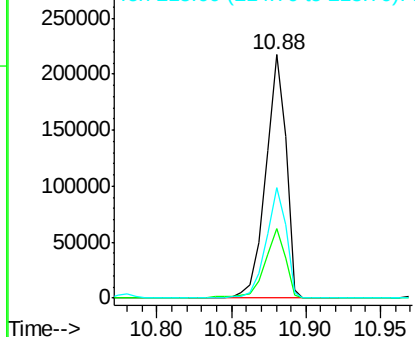


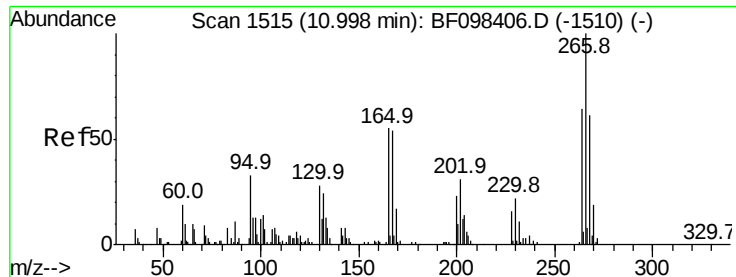
#68
Atrazine
Concen: 44.353 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:200 Resp: 201720
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 45.6 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

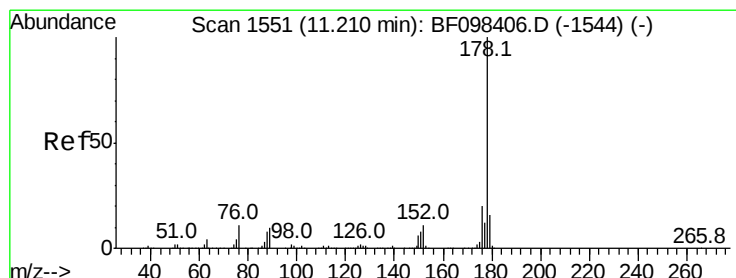
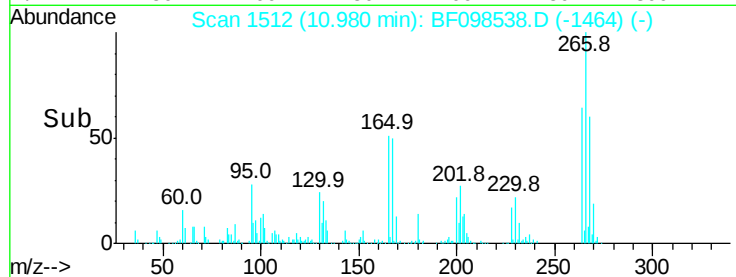
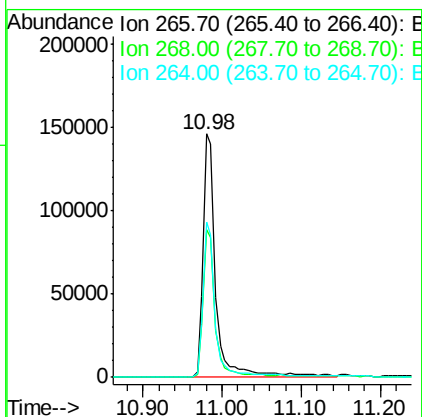
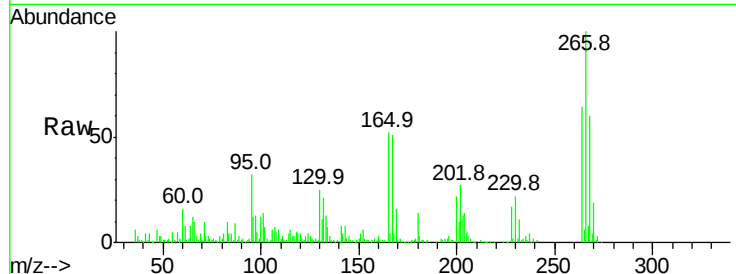




#69
 Pentachlorophenol
 Concen: 86.605 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

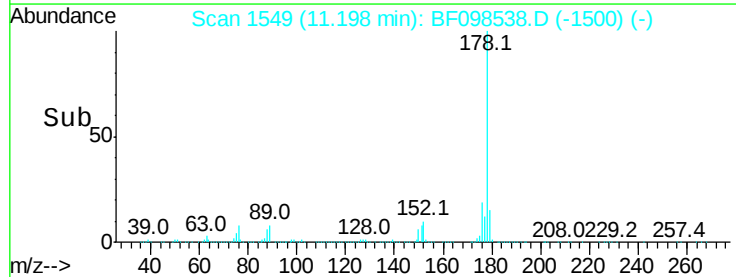
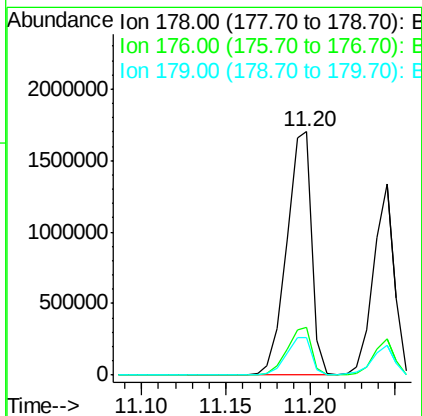
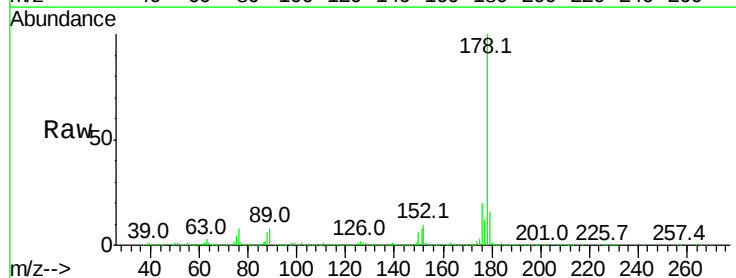
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

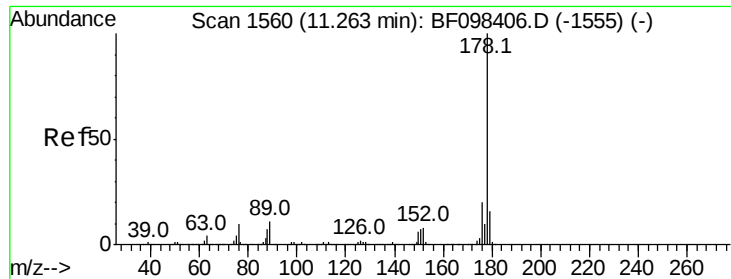
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	63.7	51.7	77.5



#70
 Phenanthrene
 Concen: 72.703 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

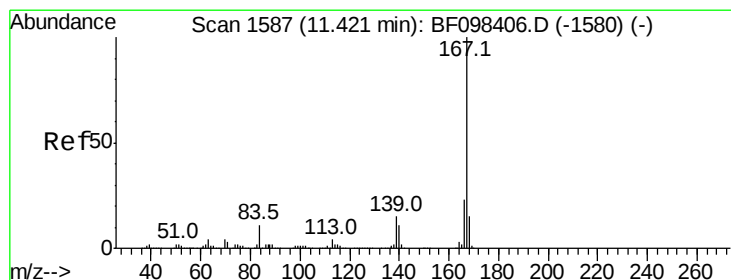
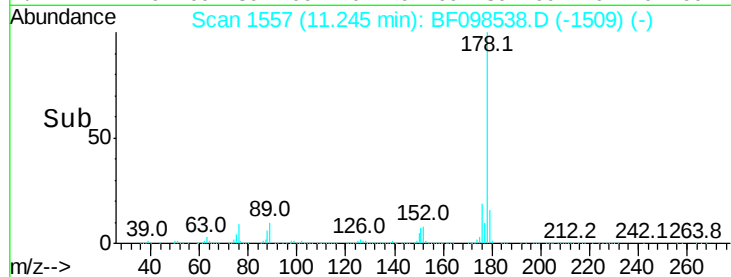
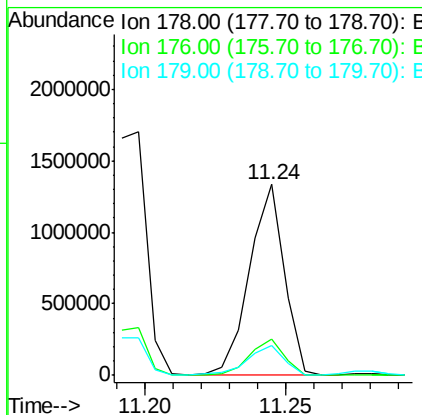
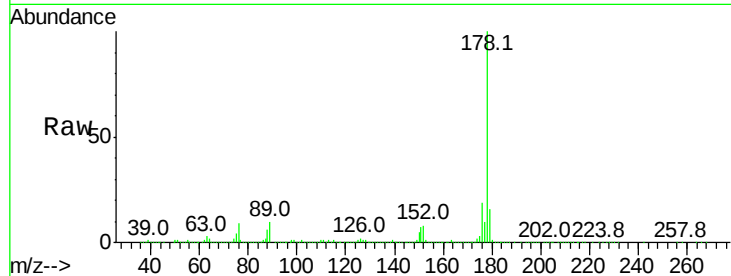




#71
 Anthracene
 Concen: 45.857 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

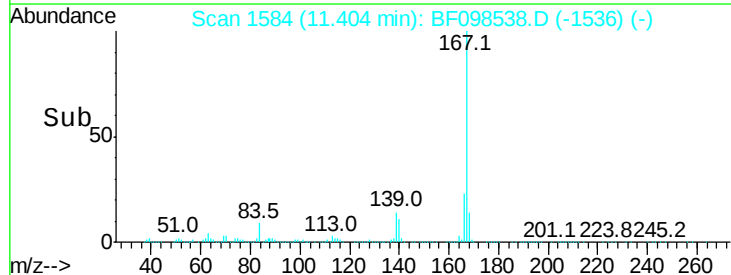
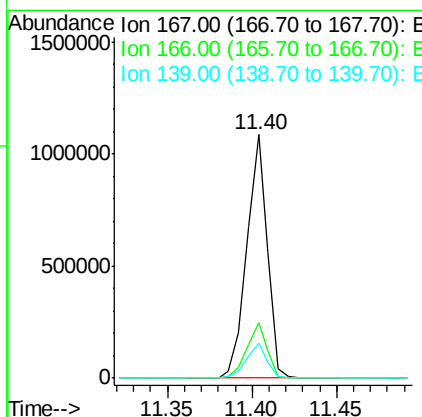
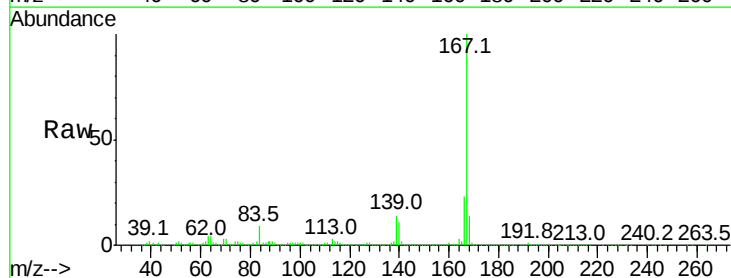
Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

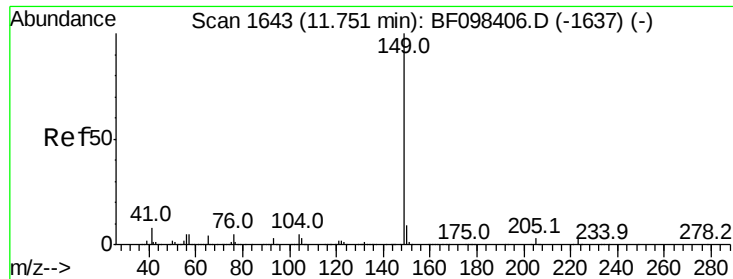
Tot Ion:178 Resp: 1135565
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.952 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:167 Resp: 922031
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.141 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

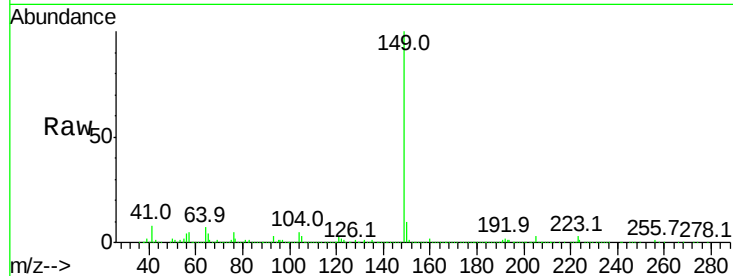
Tot Ion:149 Resp: 1082306

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

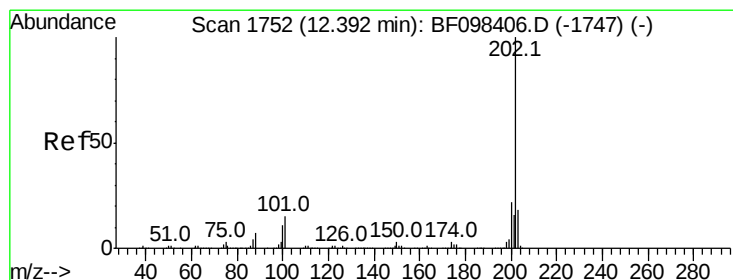
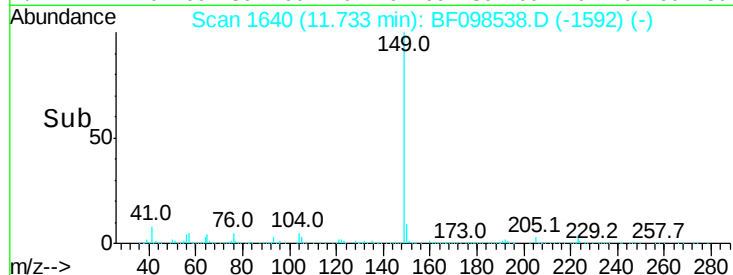
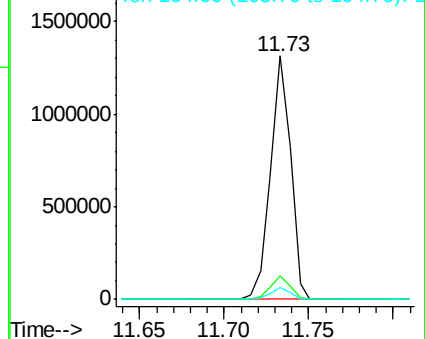
104 5.0 4.0 6.0



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: 80.251 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

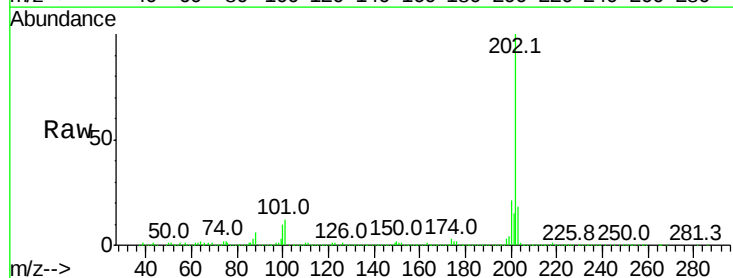
Tgt Ion:202 Resp: 1937664

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

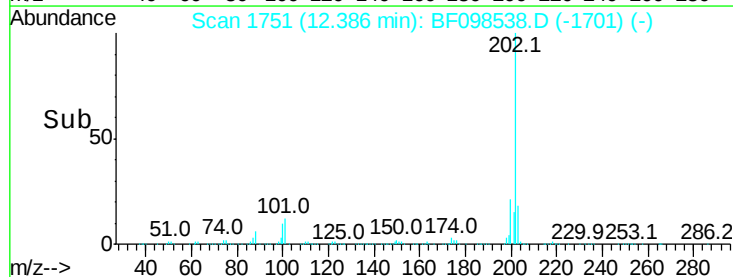
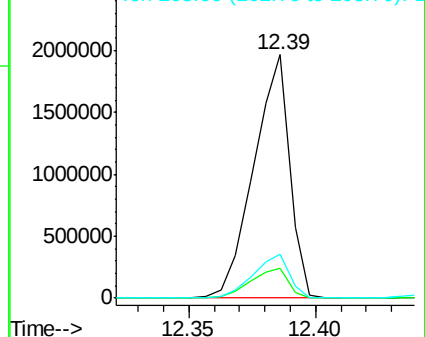
203 18.2 0.0 38.1

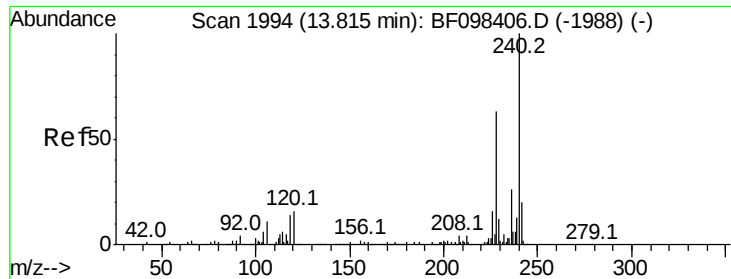


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

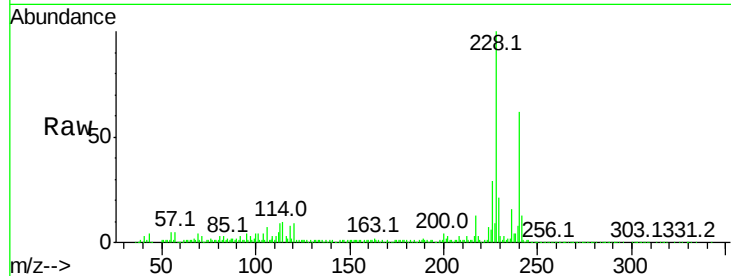
Tot Ion:240 Resp: 288821

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

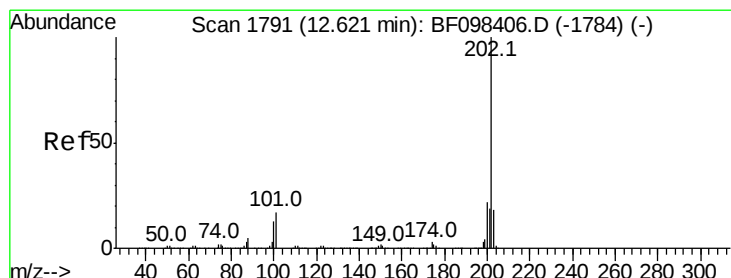
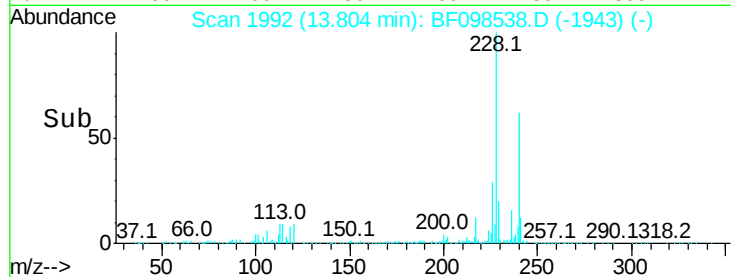
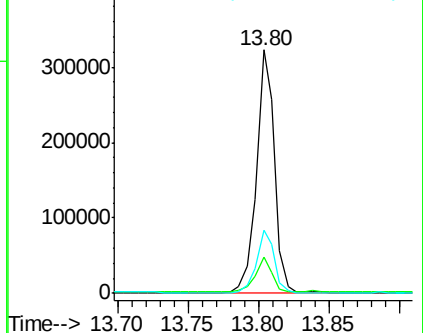
236 25.8 20.5 30.7



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



#77

Pyrene

Concen: 77.219 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

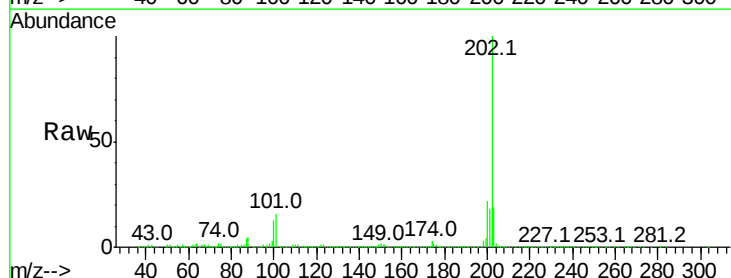
Tgt Ion:202 Resp: 1759369

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

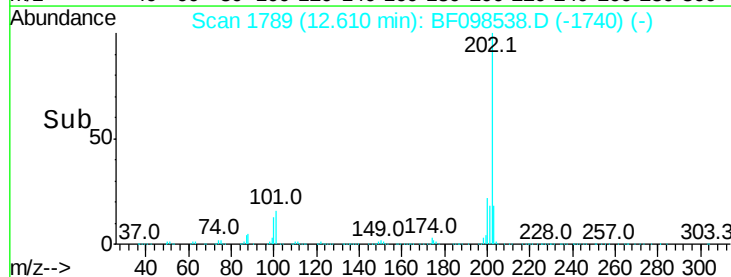
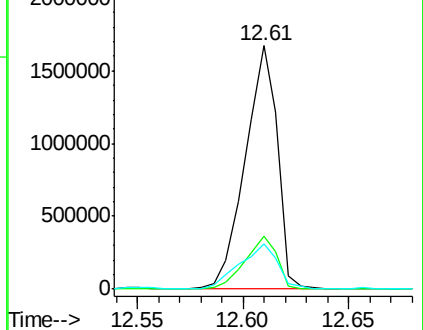
203 18.6 14.4 21.6

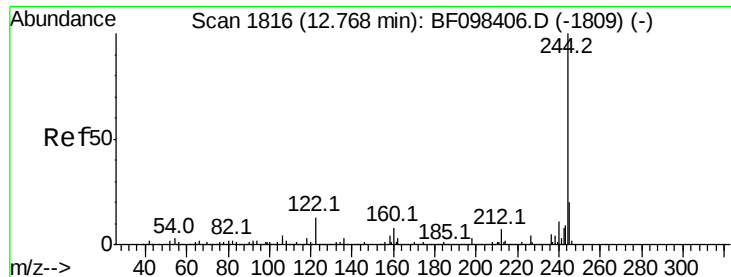


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.921 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

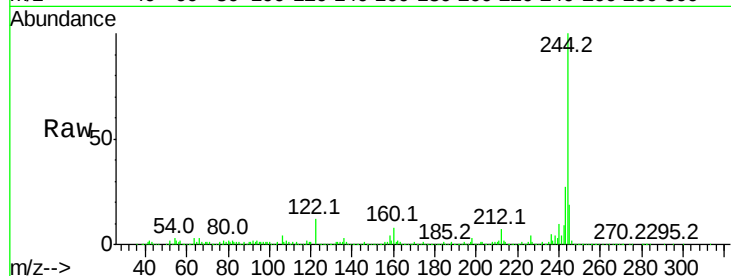
Tot Ion:244 Resp: 935601

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

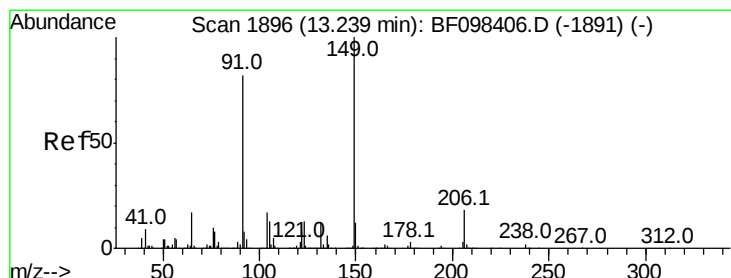
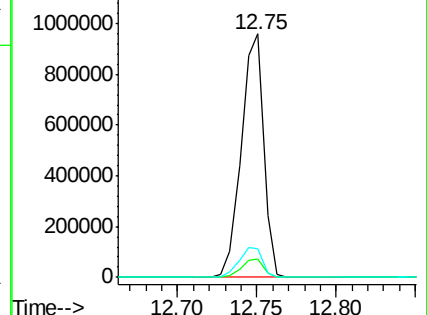
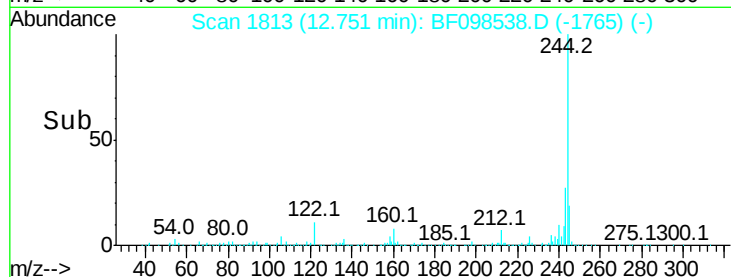
122 11.7 10.3 15.5



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: 39.477 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

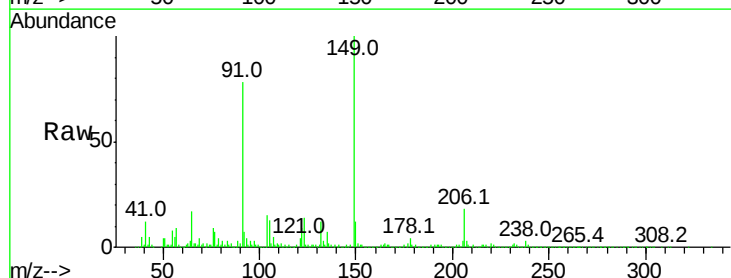
Tgt Ion:149 Resp: 390199

Ion Ratio Lower Upper

149 100

91 77.6 45.0 67.4#

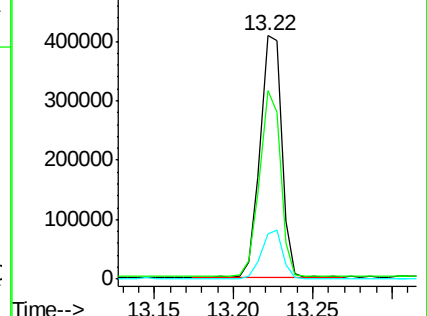
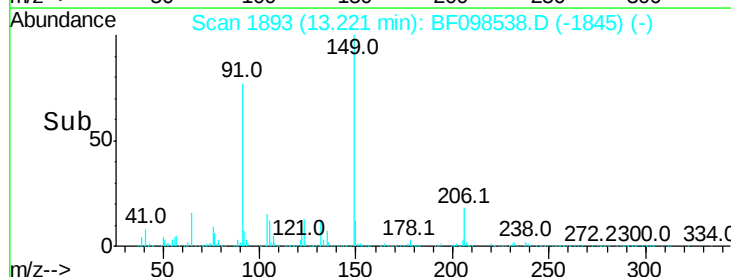
206 18.3 17.0 25.6

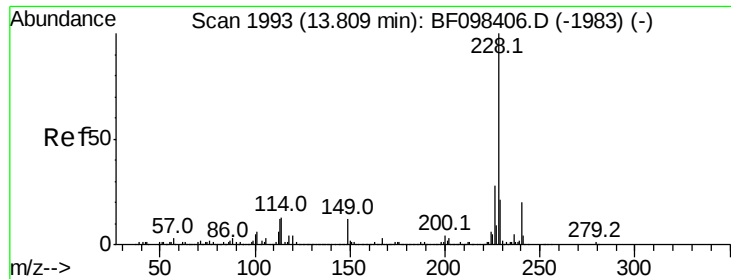


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

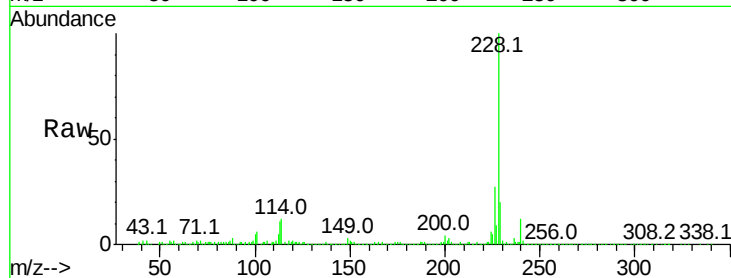




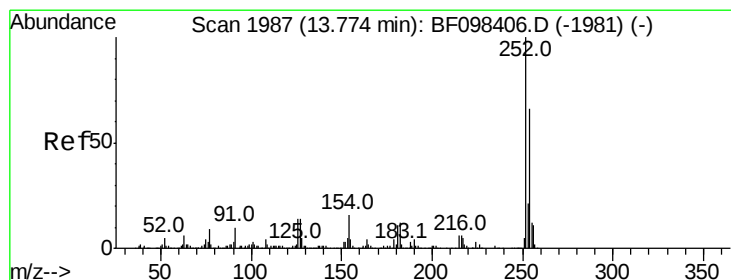
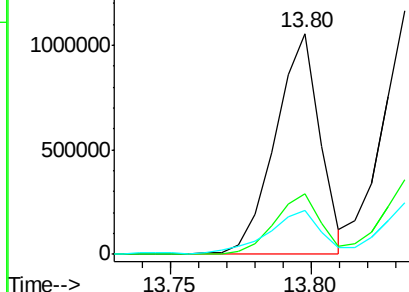
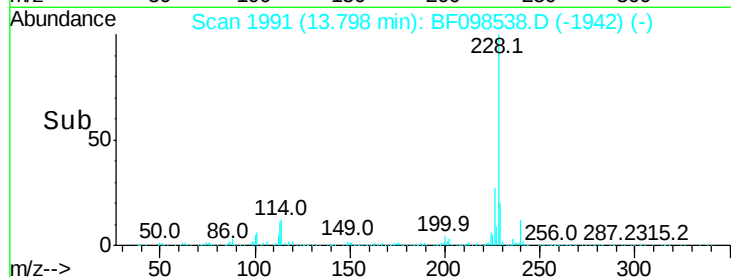
#80
Benzo(a)anthracene
Concen: 67.942 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion:228 Resp: 1150458
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.0 16.3 24.5

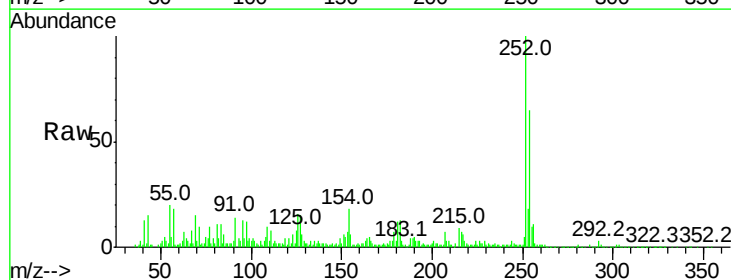


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

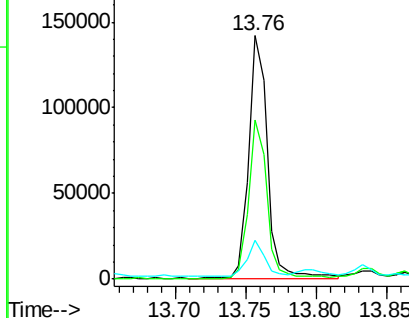
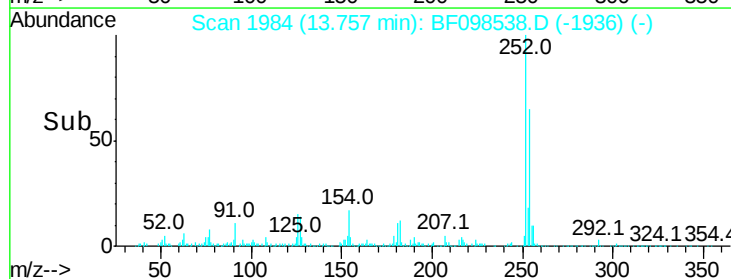


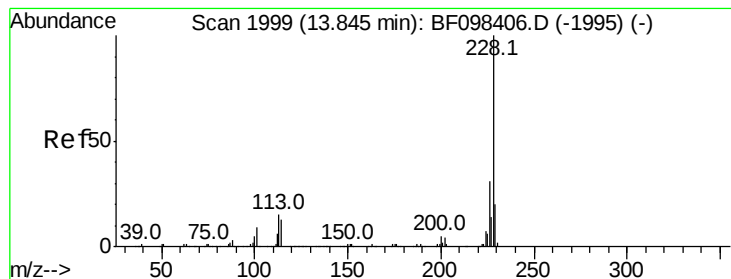
#81
3,3'-Dichlorobenzidine
Concen: 20.182 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:252 Resp: 132812
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 15.8 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: 65.430 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

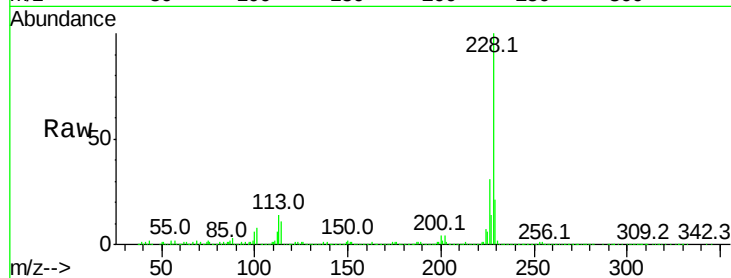
Tot Ion:228 Resp: 1119931

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

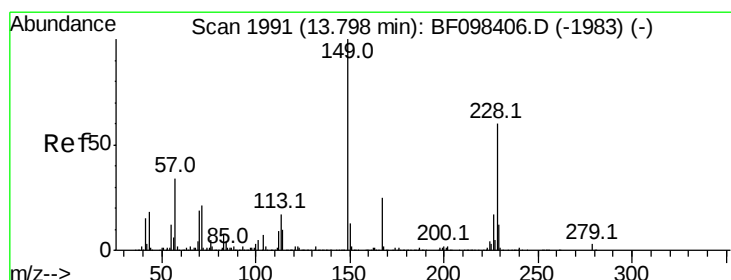
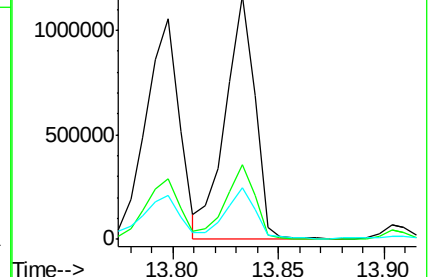
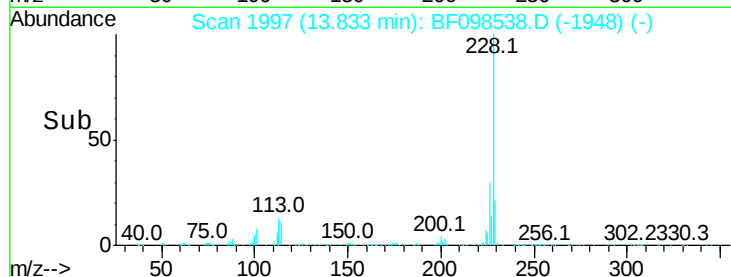
229 21.1 15.8 23.6



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: 46.966 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

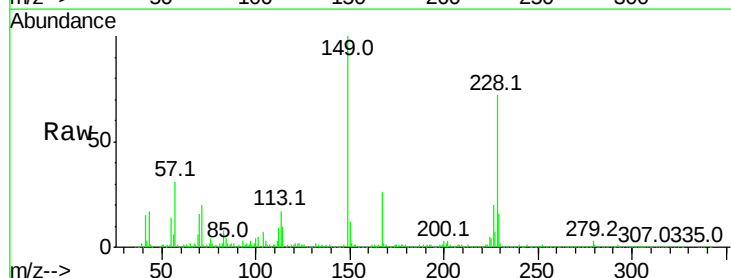
Tgt Ion:149 Resp: 582622

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

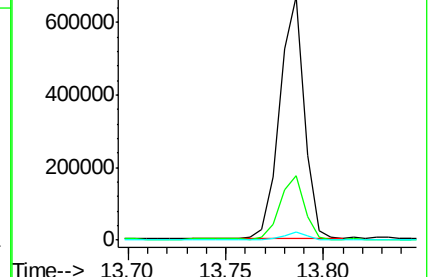
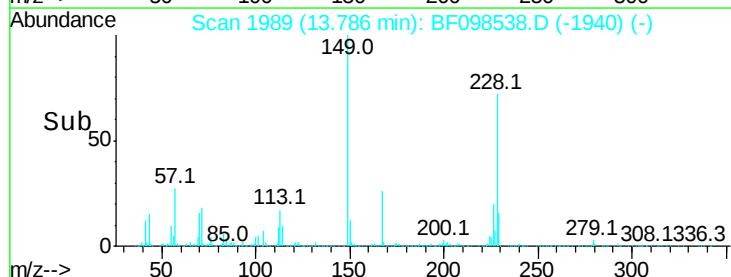
279 3.1 1.9 2.9#

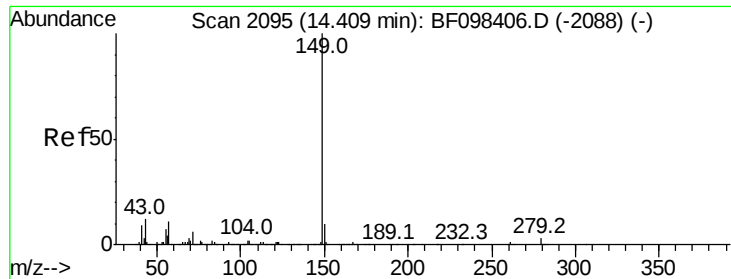


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.588 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

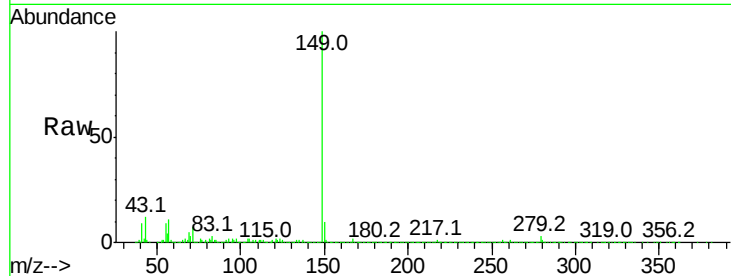
Tot Ion:149 Resp: 970284

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

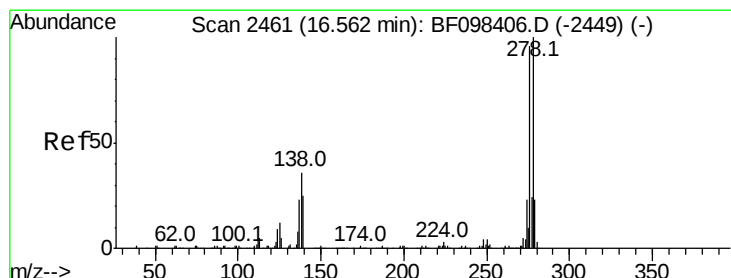
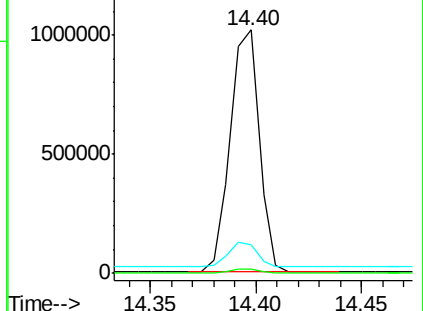
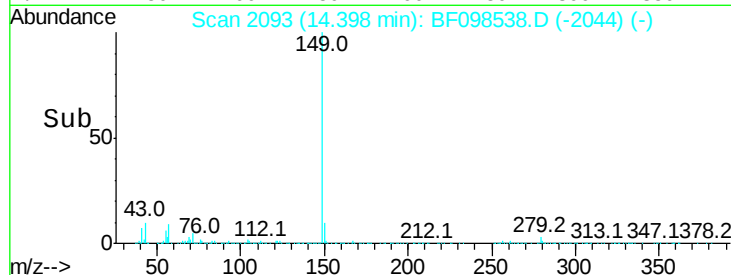
43 10.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 76.889 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

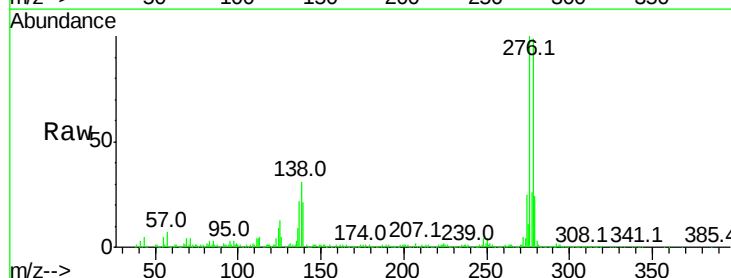
Tgt Ion:276 Resp: 923342

Ion Ratio Lower Upper

276 100

138 29.0 27.8 41.6

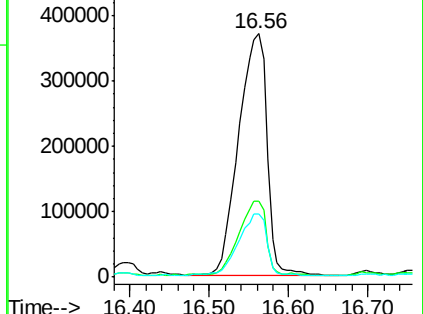
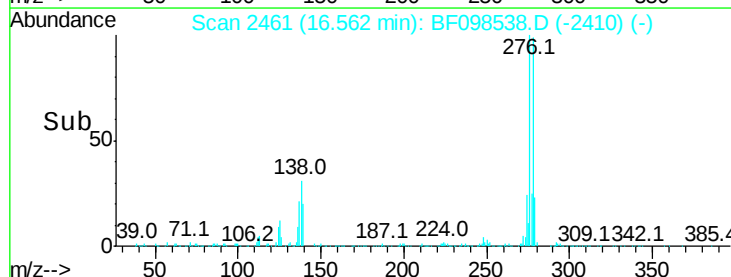
277 25.4 20.2 30.4

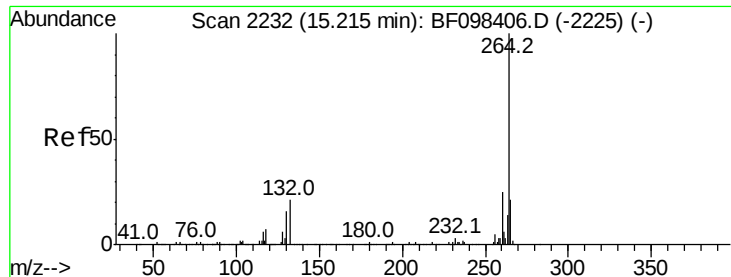


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

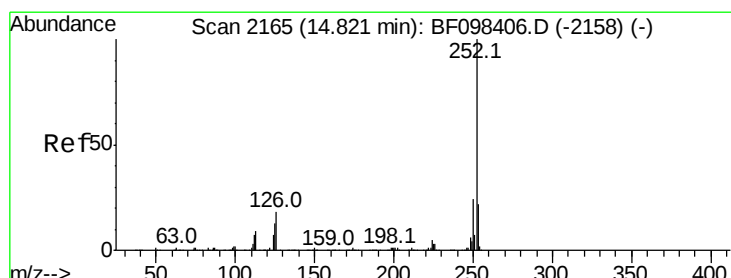
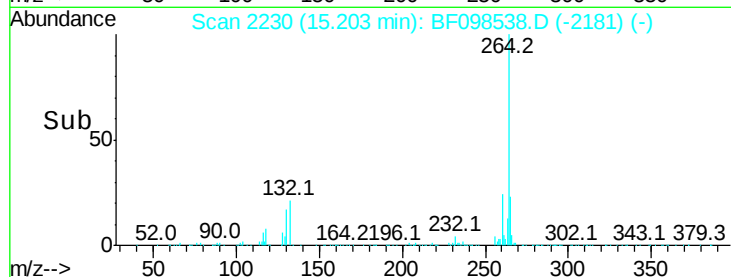
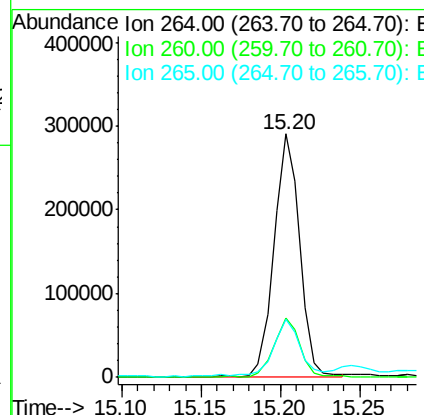
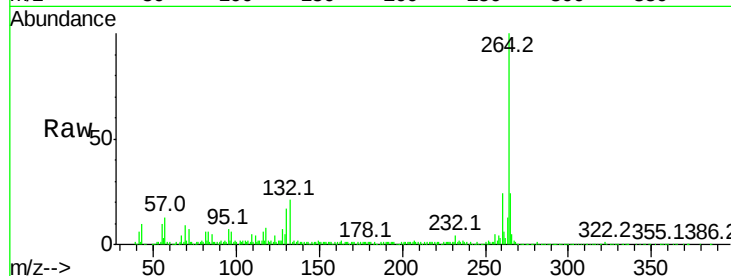




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

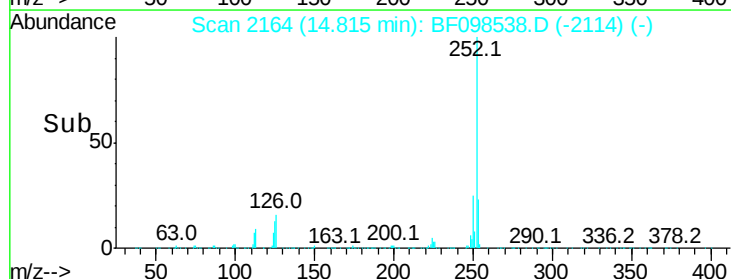
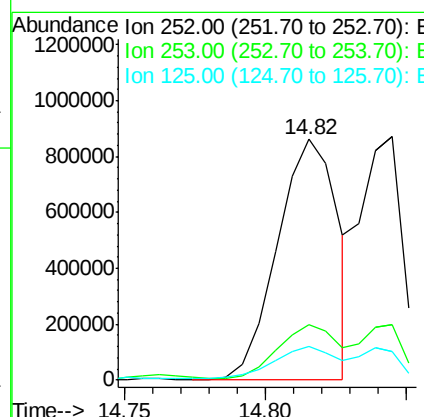
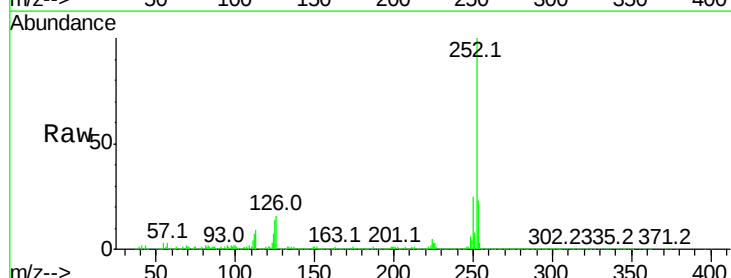
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

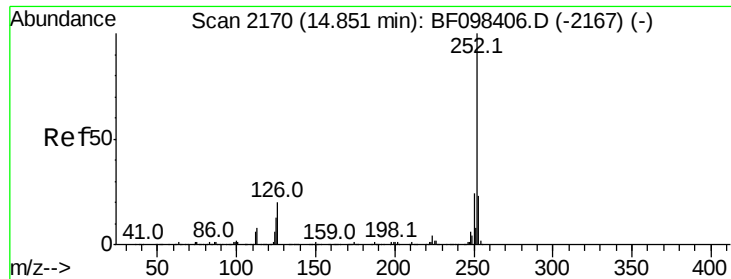
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.6	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 61.429 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.8	9.8	14.8

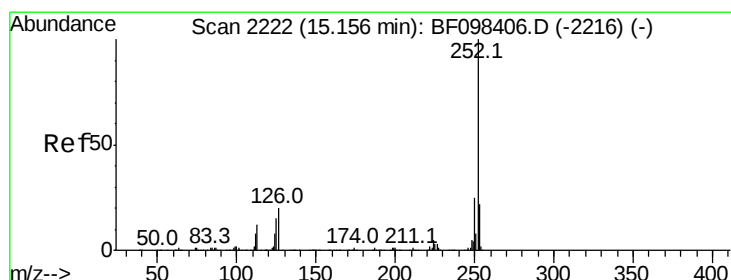
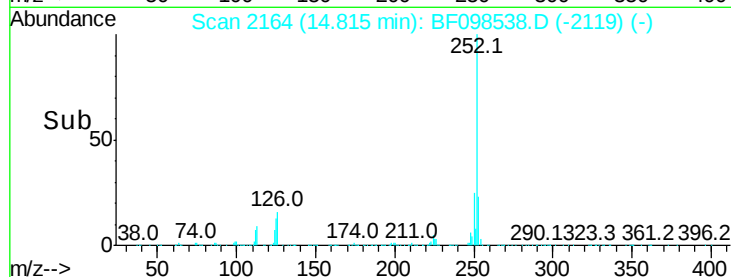
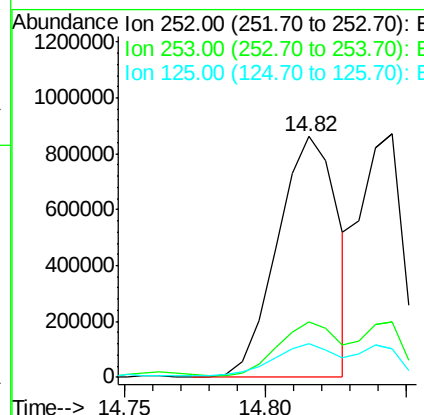
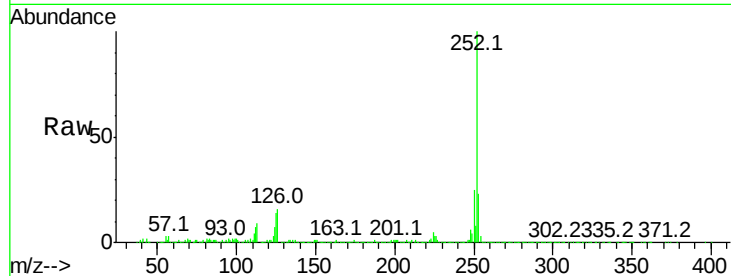




#88
Benzo(k)fluoranthene
Concen: 65.801 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

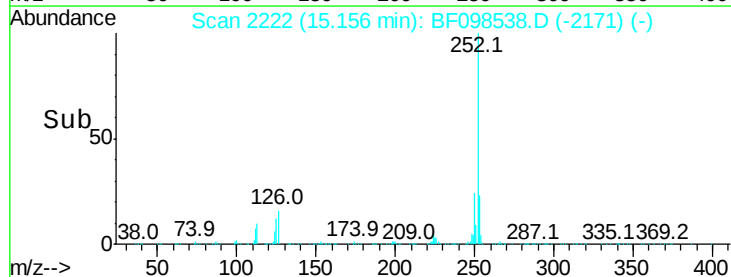
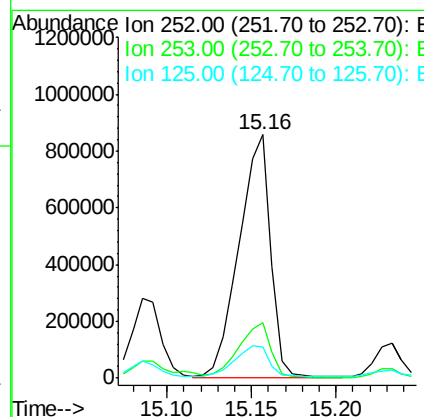
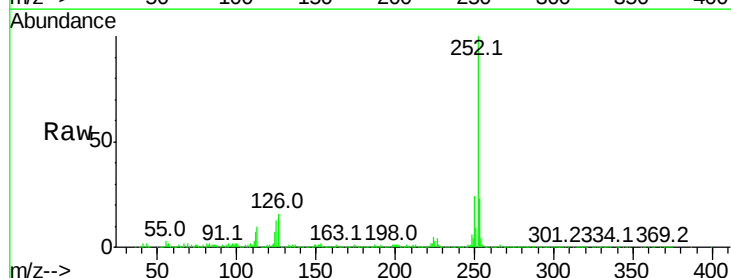
Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

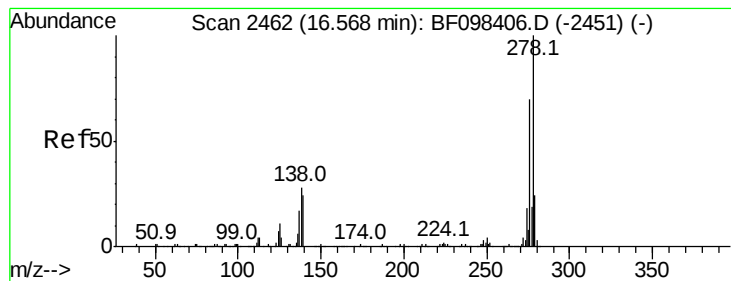
Tot Ion:252 Resp: 1268554
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.8 13.1 19.7



#89
Benzo(a)pyrene
Concen: 60.559 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion:252 Resp: 1114134
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 13.0 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 45.921 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

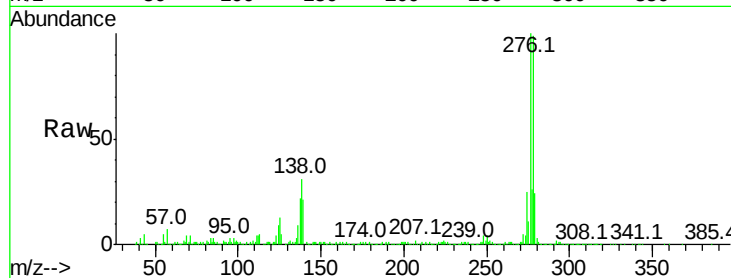
Tot Ion:278 Resp: 614563

Ion Ratio Lower Upper

278 100

139 21.2 16.6 24.8

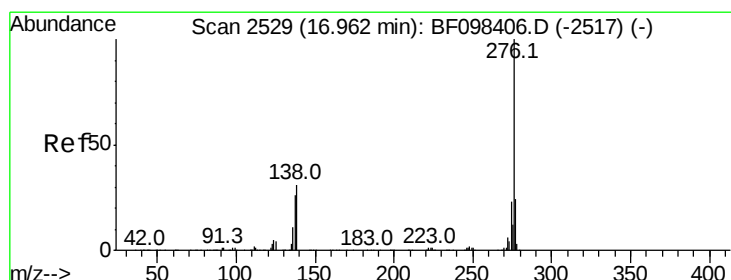
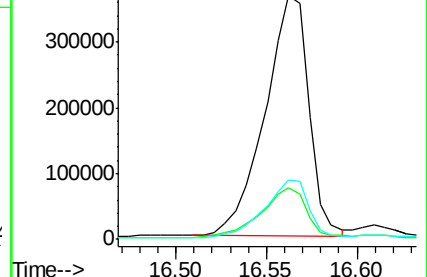
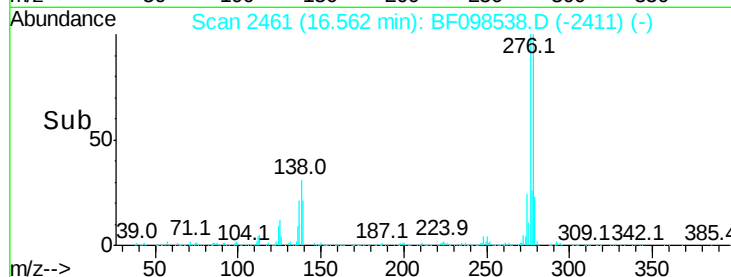
279 24.3 19.3 28.9



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(g,h,i)perylene

Concen: 56.541 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

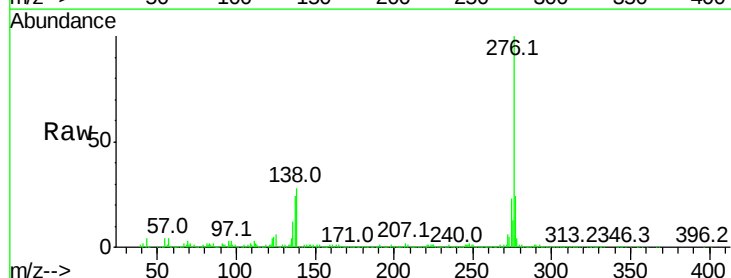
Tgt Ion:276 Resp: 761090

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 27.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

