

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098462.D
 Acq On : 12 Sep 2017 20:47
 Operator : SJ/JU
 Sample : I5140-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 13 01:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199236	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	794932	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	304436	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	461405	20.00	ng	0.00
75) Chrysene-d12	13.82	240	334858	20.00	ng	0.00
86) Perylene-d12	15.22	264	257402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1509460	112.02	ng	0.00
7) Phenol-d6	6.32	99	1826061	106.73	ng	0.00
23) Nitrobenzene-d5	7.24	82	1136581	79.71	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	226092	111.27	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1566680	87.22	ng	0.00
78) Terphenyl-d14	12.76	244	1047660	67.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	241714	34.753	ng	90
3) Pyridine	3.03	79	665734	36.043	ng	# 80
4) n-Nitrosodimethylamine	3.00	42	351691	38.838	ng	99
6) Aniline	6.33	93	551847	25.710	ng	# 1
8) 2-Chlorophenol	6.46	128	593919	40.082	ng	96
9) Benzaldehyde	6.21	77	129290	11.560	ng	92
10) Phenol	6.34	94	767147	38.603	ng	95
11) bis(2-Chloroethyl)ether	6.41	93	618296	41.266	ng	94
12) 1,3-Dichlorobenzene	6.60	146	594547	39.864	ng	97
13) 1,4-Dichlorobenzene	6.68	146	611104	40.002	ng	94
14) 1,2-Dichlorobenzene	6.83	146	553274	39.752	ng	99
15) Benzyl Alcohol	6.82	79	476468	41.845	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	940225	38.139	ng	70
17) 2-Methylphenol	6.94	107	469165	38.829	ng	# 88
18) Hexachloroethane	7.17	117	183769	31.411	ng	90
19) n-Nitroso-di-n-propylamine	7.09	70	430628	40.014	ng	99
20) 3+4-Methylphenols	7.10	107	623968	40.921	ng	# 64
22) Acetophenone	7.08	105	835828	40.682	ng	# 91
24) Nitrobenzene	7.26	77	639877	39.397	ng	98
25) Isophorone	7.50	82	1126116	39.034	ng	98
26) 2-Nitrophenol	7.57	139	263811	40.229	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	465357	37.225	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	738481	41.950	ng	99
29) 2,4-Dichlorophenol	7.82	162	440063	42.326	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	468211	41.399	ng	100
31) Naphthalene	7.97	128	1623237	41.306	ng	99
32) Benzoic acid	7.73	122	47003	12.644	ng	99
33) 4-Chloroaniline	8.03	127	437052	27.365	ng	99
34) Hexachlorobutadiene	8.09	225	239537	41.256	ng	99
35) Caprolactam	8.40	113	133370	37.200	ng	# 63
36) 4-Chloro-3-methylphenol	8.53	107	479237	37.167	ng	85
37) 2-Methylnaphthalene	8.66	142	997129	41.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400071	42.188	ng	99
40) Hexachlorocyclopentadiene	8.81	237	20682	16.363	ng	100

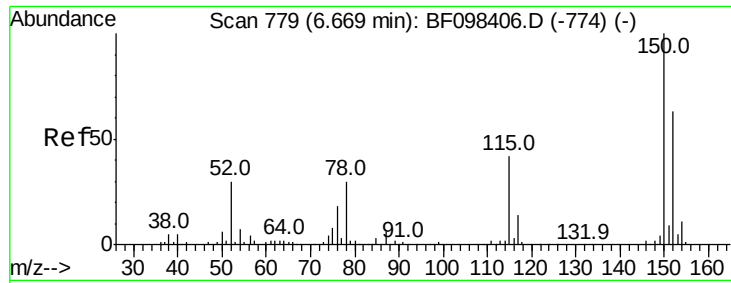
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098462.D
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Quant Time: Sep 13 01:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	255138	45.805	nq	90
43) 2,4,5-Trichlorophenol	9.00	196	262666	45.116	nq	91
45) 1,1'-Biphenyl	9.13	154	1130240	41.478	nq	98
46) 2-Chloronaphthalene	9.15	162	836730	42.997	nq	# 93
47) 2-Nitroaniline	9.26	65	337371	45.168	nq	97
48) Acenaphthylene	9.56	152	1184214	40.927	nq	99
49) Dimethylphthalate	9.43	163	1272937	54.016	nq	100
50) 2,6-Dinitrotoluene	9.50	165	202610	41.856	nq	# 85
51) Acenaphthene	9.73	154	737740	40.110	nq	98
52) 3-Nitroaniline	9.66	138	233832	40.017	nq	95
53) 2,4-Dinitrophenol	9.79	184	2208	9.387	nq	# 80
54) Dibenzofuran	9.90	168	1017024	41.972	nq	98
55) 4-Nitrophenol	9.85	139	255453	76.092	nq	# 45
56) 2,4-Dinitrotoluene	9.90	165	215655	36.645	nq	# 55
57) Fluorene	10.25	166	765297	38.158	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	174871	44.693	nq	95
59) Diethylphthalate	10.13	149	942855	42.069	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	374234	40.399	nq	90
61) 4-Nitroaniline	10.28	138	226451	38.374	nq	88
62) Azobenzene	10.40	77	893183	36.977	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	6322	6.967	nq	86
65) n-Nitrosodiphenylamine	10.36	169	700386	46.748	nq	97
66) 4-Bromophenyl-phenylether	10.73	248	207252	47.327	nq	96
67) Hexachlorobenzene	10.79	284	190218	42.823	nq	# 84
68) Atrazine	10.89	200	202612	43.928	nq	96
69) Pentachlorophenol	10.99	266	133116	68.766	nq	95
70) Phenanthrene	11.20	178	1122092	45.874	nq	99
71) Anthracene	11.26	178	1066743	42.477	nq	99
72) Carbazole	11.42	167	944785	40.367	nq	99
73) Di-n-butylphthalate	11.75	149	1252673	44.670	nq	99
74) Fluoranthene	12.39	202	1132226	46.238	nq	99
76) Benzidine	12.52	184	322010	21.728	nq	# 92
77) Pyrene	12.62	202	1147212	43.429	nq	100
79) Butylbenzylphthalate	13.24	149	480756	41.951	nq	# 79
80) Benzo(a)anthracene	13.80	228	848842	43.237	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	278137	36.455	nq	# 97
82) Chrysene	13.84	228	832134	41.932	nq	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	644331	44.800	nq	# 99
84) Di-n-octyl phthalate	14.41	149	1149914	46.600	nq	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	529977	38.065	nq	99
87) Benzo(b)fluoranthene	14.85	252	651043	40.226	nq	99
88) Benzo(k)fluoranthene	14.85	252	651043	43.089	nq	96
89) Benzo(a)pyrene	15.16	252	608497	42.201	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	444432	42.372	nq	97
91) Benzo(g,h,i)perylene	16.96	276	425866	40.367	nq	98

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

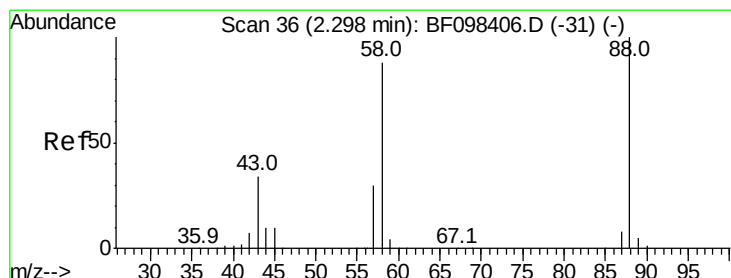
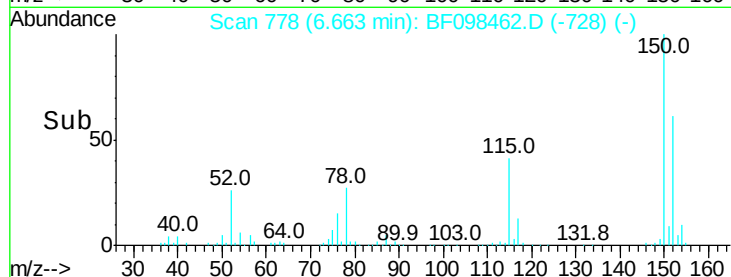
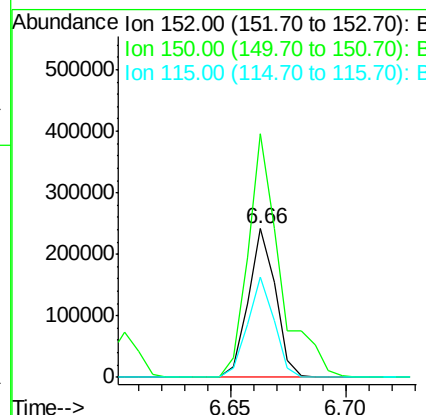
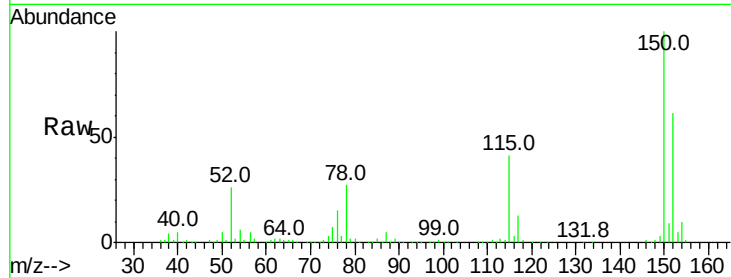


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

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

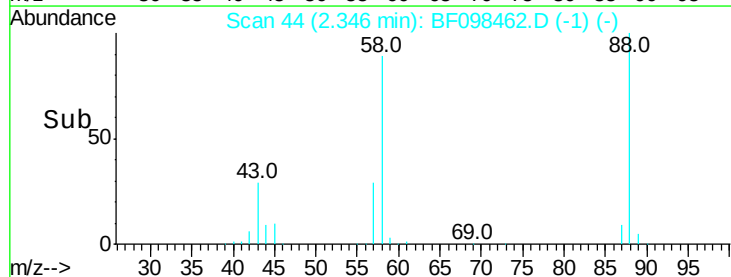
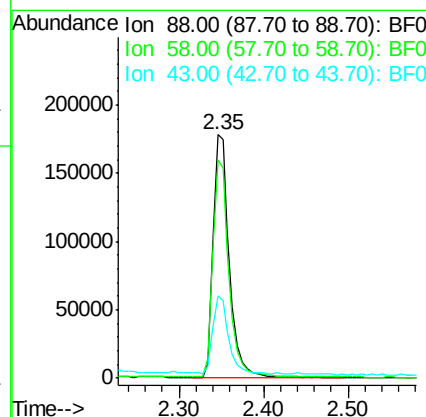
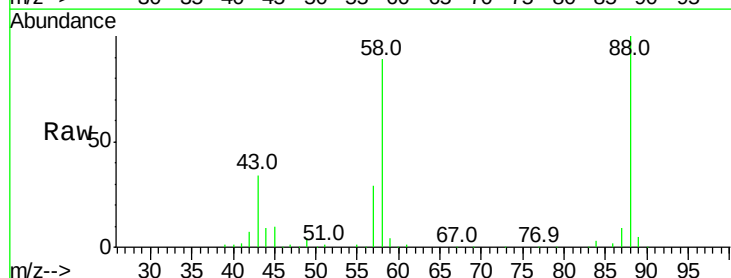
Tot Ion:152 Resp: 199236
Ion Ratio Lower Upper
152 100
150 163.7 126.2 189.2
115 67.4 52.2 78.2

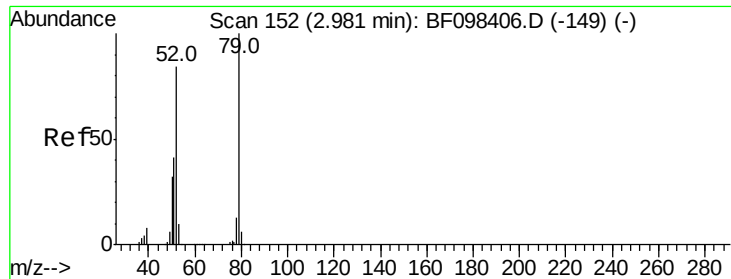


#2

1,4-Dioxane
Concen: 34.753 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion: 88 Resp: 241714
Ion Ratio Lower Upper
88 100
58 87.3 61.4 92.0
43 31.5 23.4 35.0





#3

Pvridine

Concen: 36.043 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.05 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

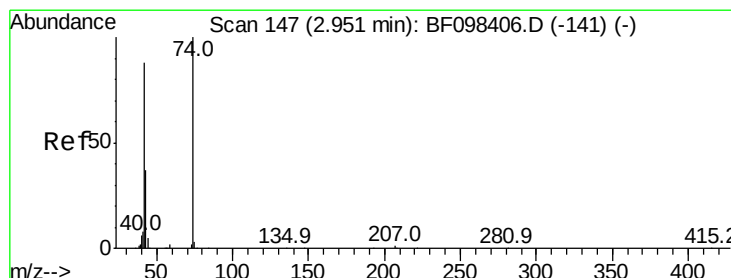
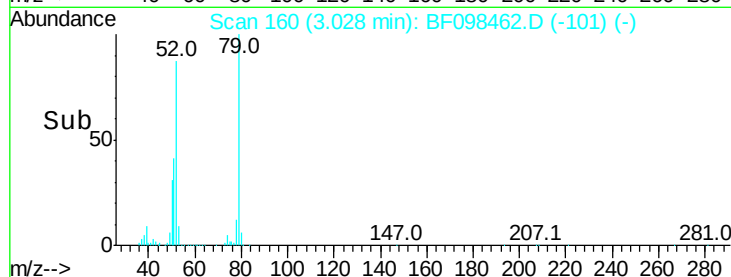
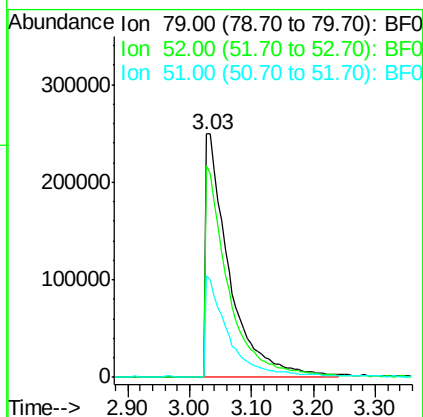
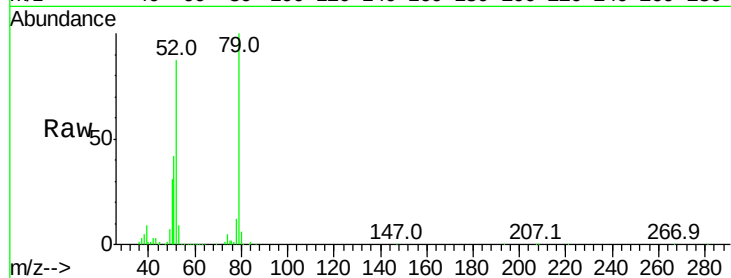
Tot Ion: 79 Resp: 665734

Ion Ratio Lower Upper

79 100

52 87.1 54.8 82.2#

51 41.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 38.838 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

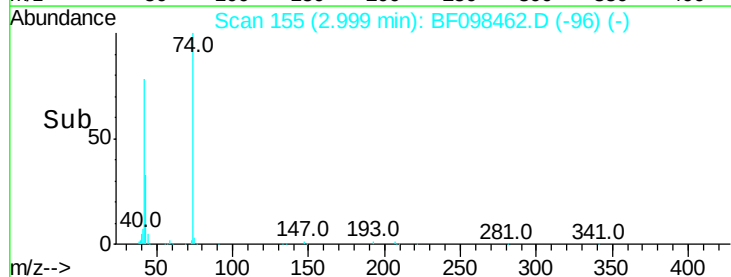
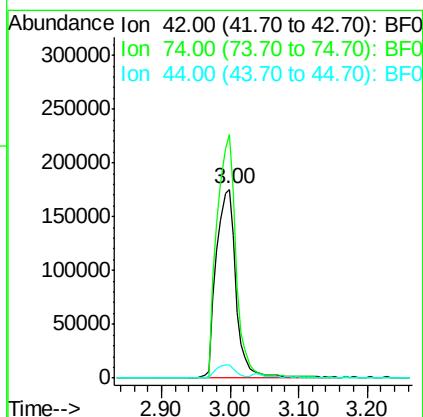
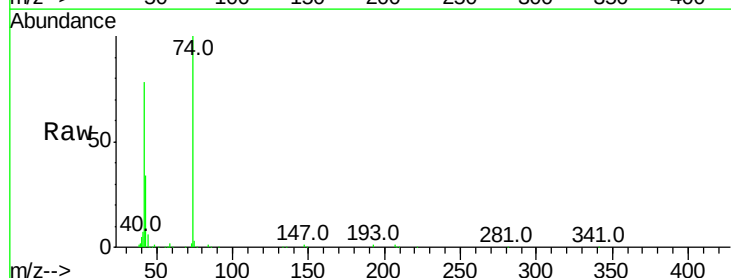
Tgt Ion: 42 Resp: 351691

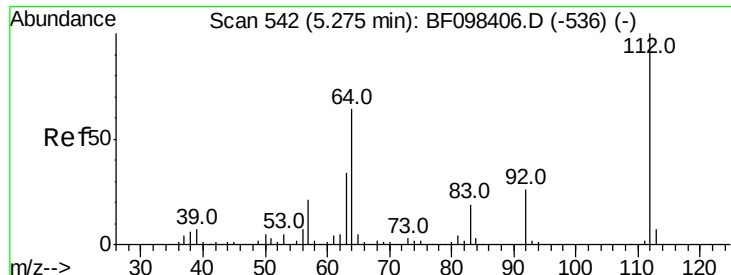
Ion Ratio Lower Upper

42 100

74 128.7 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 112.017 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

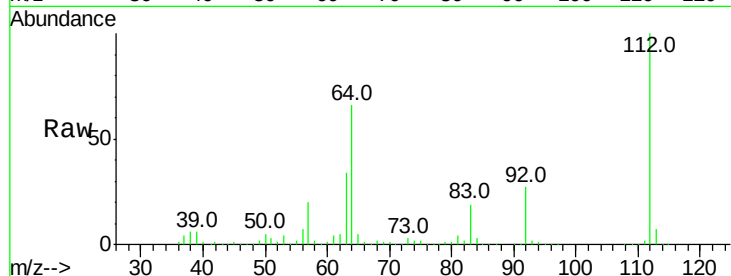
Tot Ion:112 Resp: 1509460

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

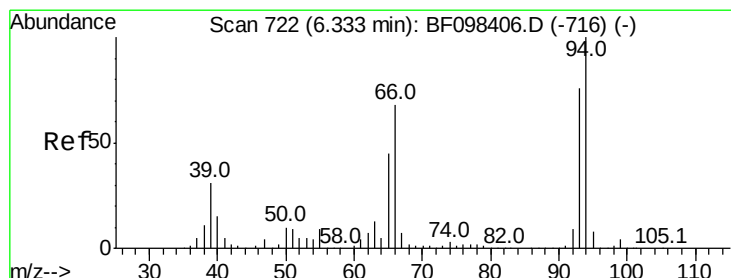
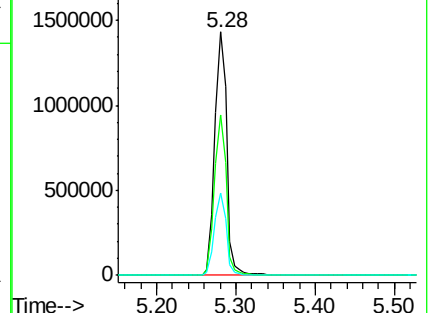
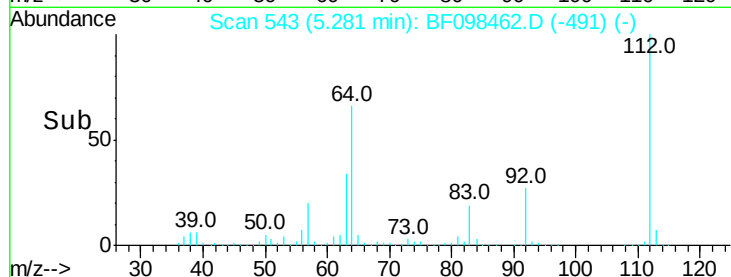
63 33.9 23.4 35.0



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: 25.710 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

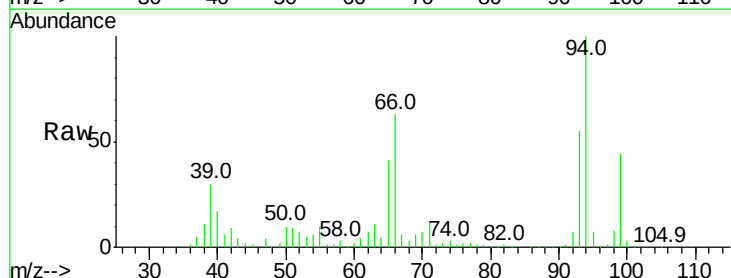
Tgt Ion: 93 Resp: 551847

Ion Ratio Lower Upper

93 100

66 114.6 32.9 49.3#

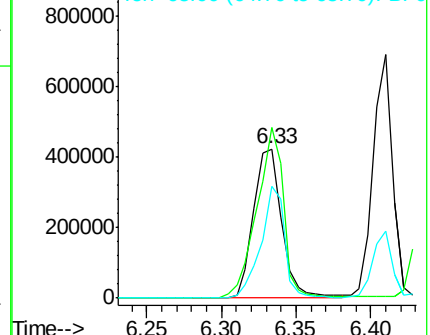
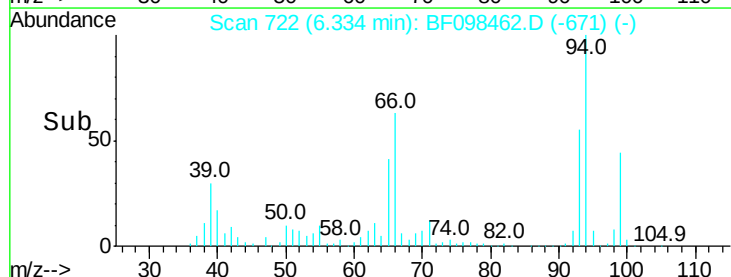
65 74.8 16.0 24.0#

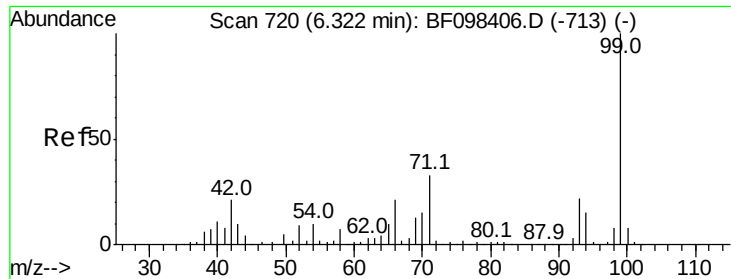


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.730 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

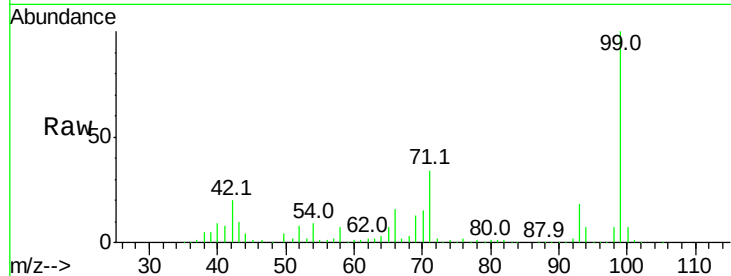
Tot Ion: 99 Resp: 1826061

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.5	20.3
71	34.0	24.5	36.7

99 100

42 19.5 13.5 20.3

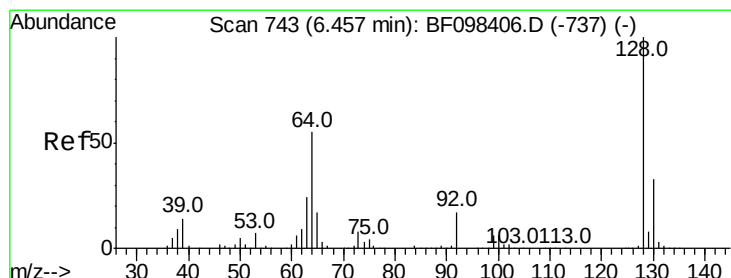
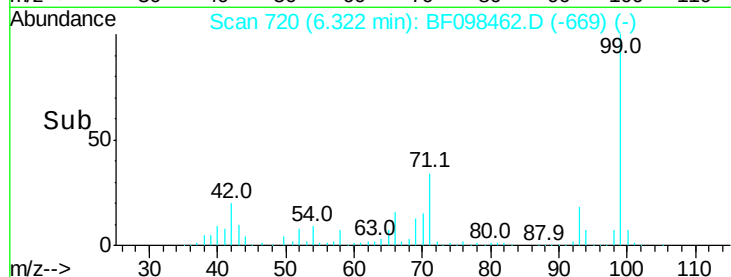
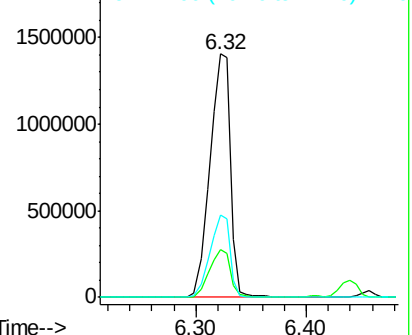
71 34.0 24.5 36.7



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: 40.082 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

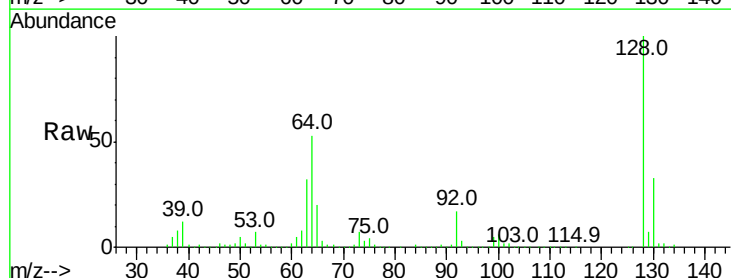
Tgt Ion: 128 Resp: 593919

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	52.6	28.4	68.4

128 100

130 33.5 12.9 52.9

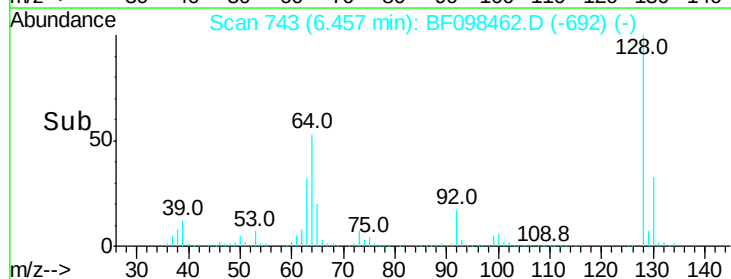
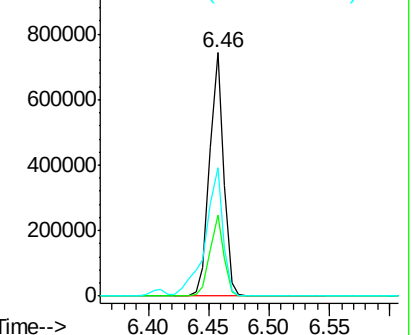
64 52.6 28.4 68.4

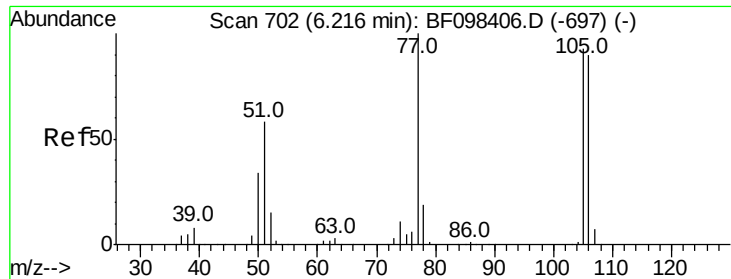


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.560 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

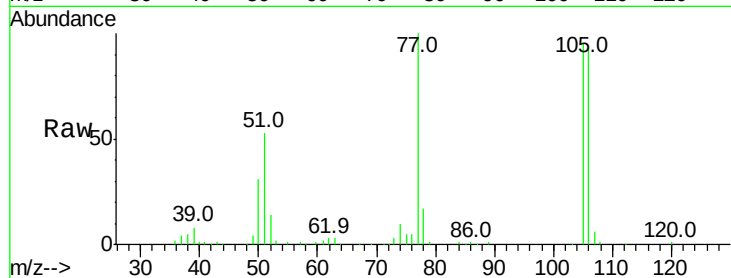
Tot Ion: 77 Resp: 129290

Ion Ratio Lower Upper

77 100

105 95.3 83.8 123.8

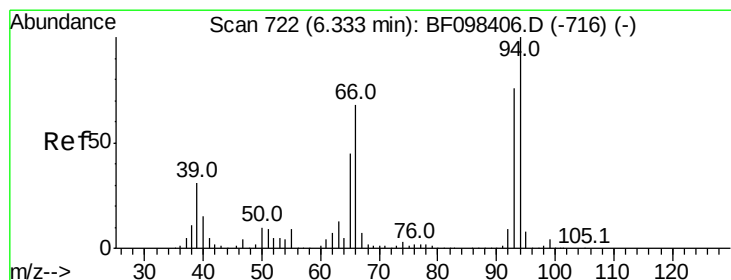
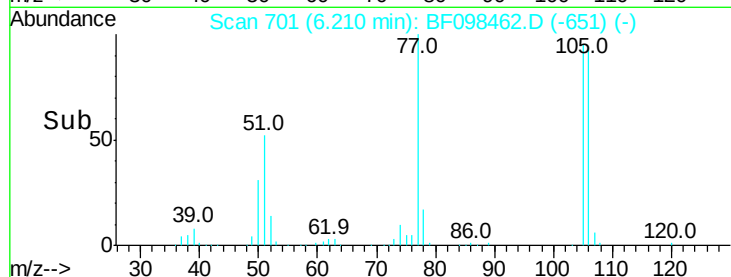
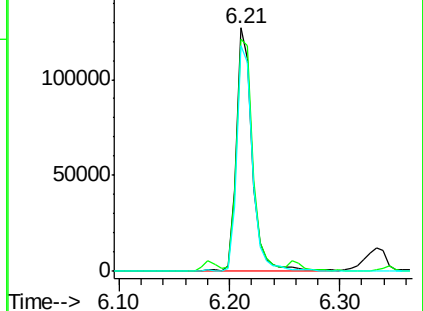
106 92.5 79.1 119.1



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: 38.603 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

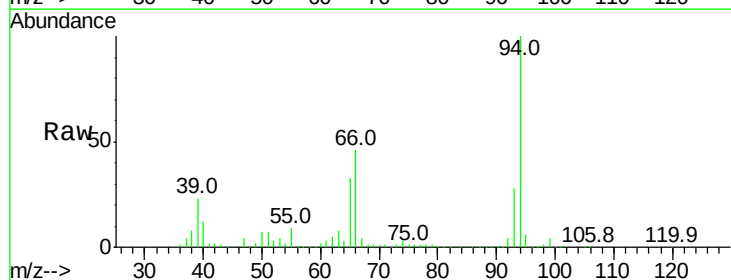
Tgt Ion: 94 Resp: 767147

Ion Ratio Lower Upper

94 100

65 33.3 9.9 49.9

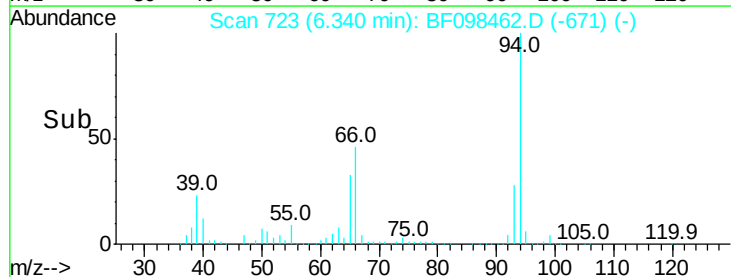
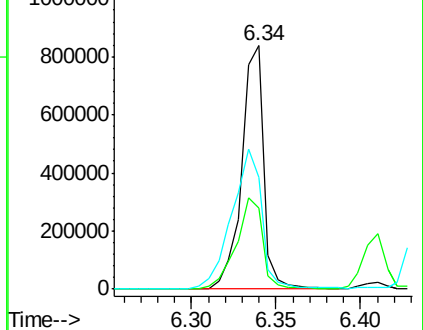
66 45.8 23.1 63.1

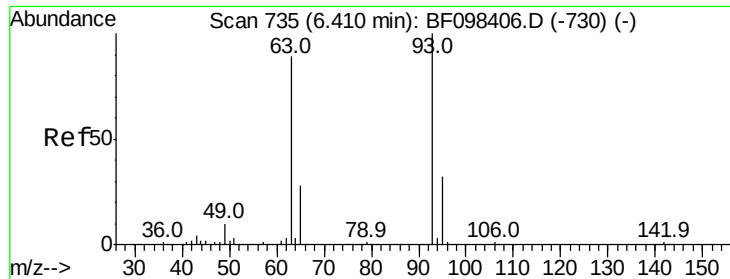


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

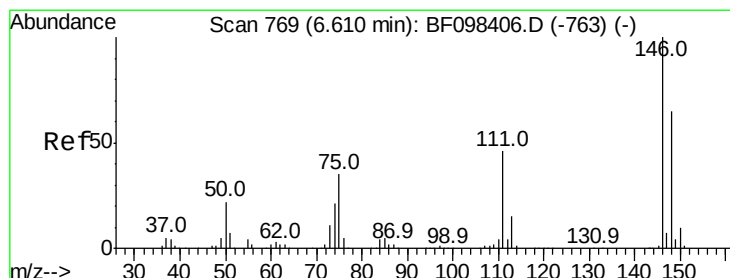
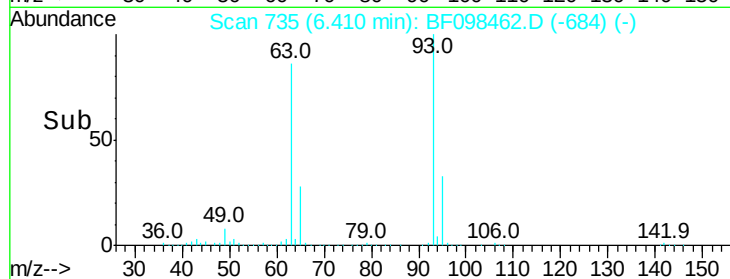
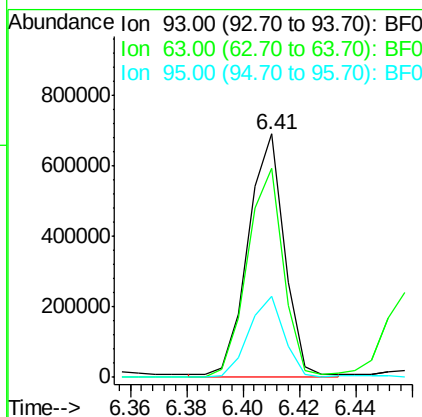
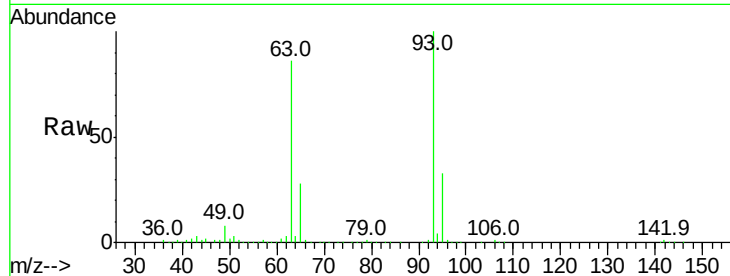




#11
 bis(2-Chloroethyl)ether
 Concen: 41.266 ng
 RT: 6.41 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

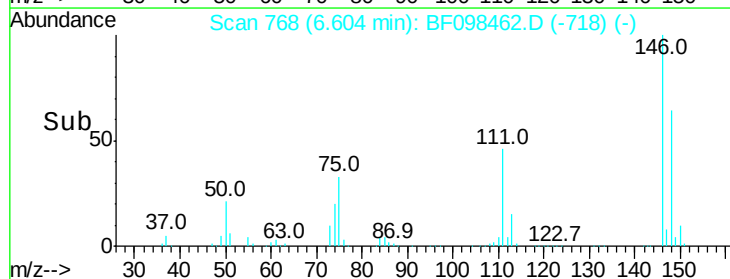
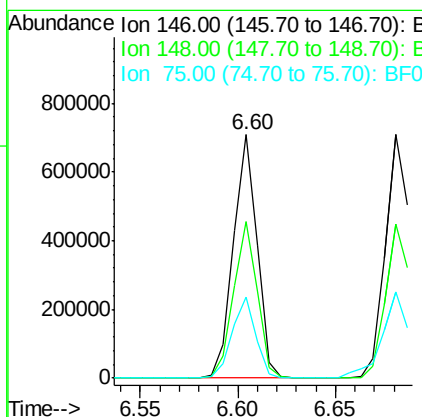
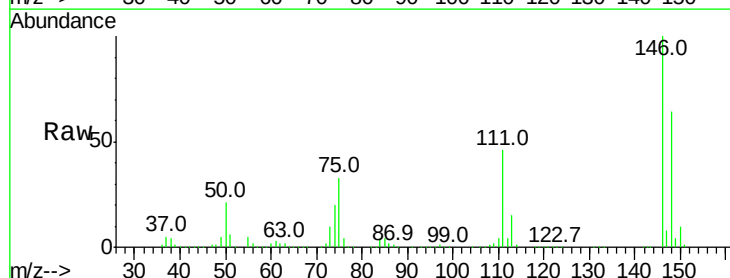
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

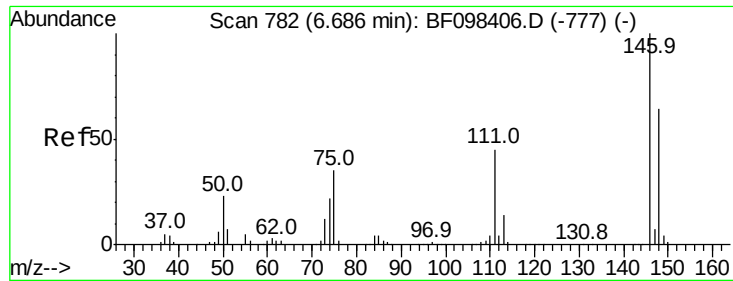
Tot Ion:	93	Resp:	618296
Ion	Ratio	Lower	Upper
93	100		
63	85.8	59.2	99.2
95	33.1	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.864 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:	146	Resp:	594547
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	33.3	23.1	34.7

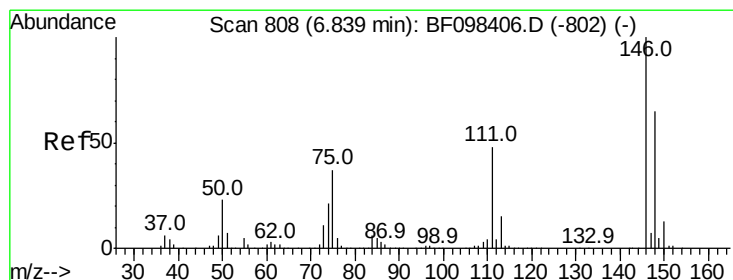
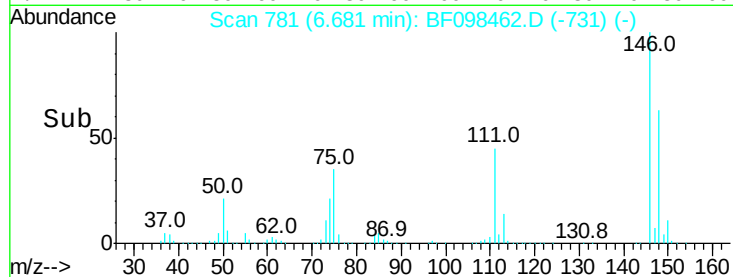
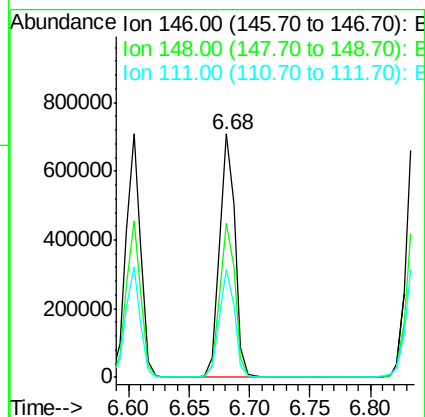
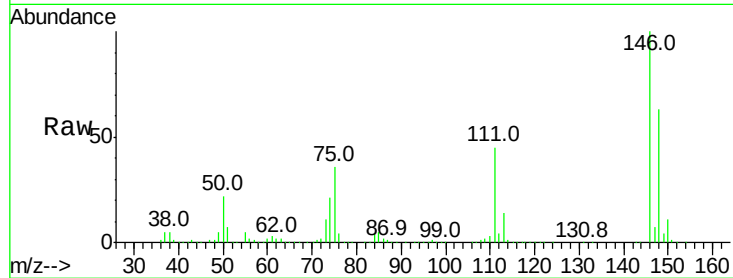




#13
 1,4-Dichlorobenzene
 Concen: 40.002 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

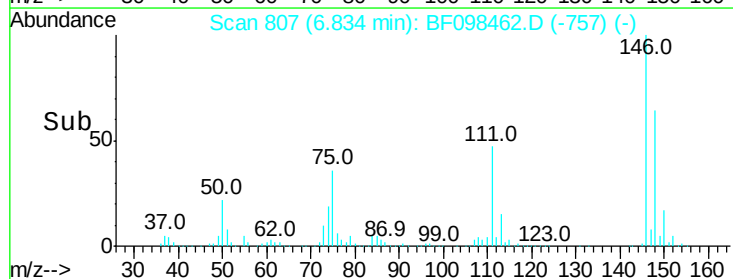
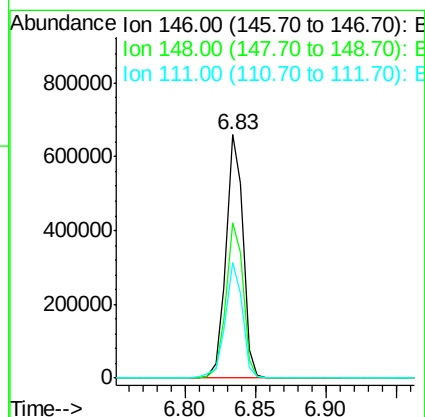
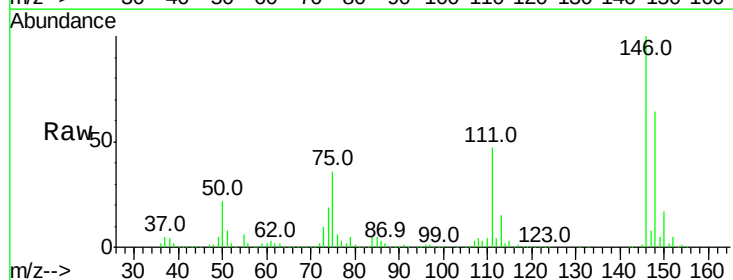
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

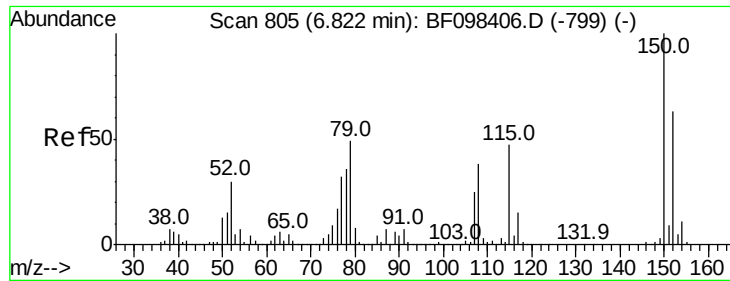
Tot Ion:146 Resp: 611104
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 44.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.752 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:146 Resp: 553274
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 47.5 38.2 57.4

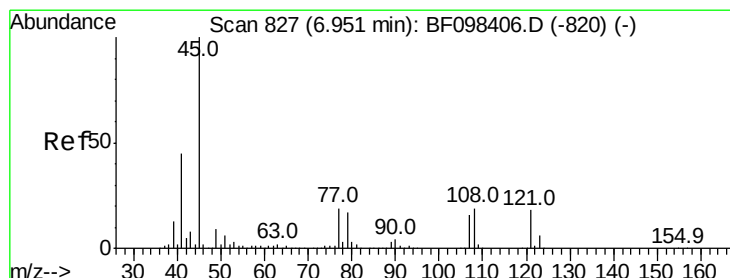
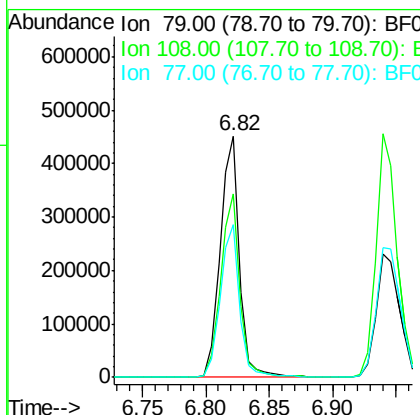
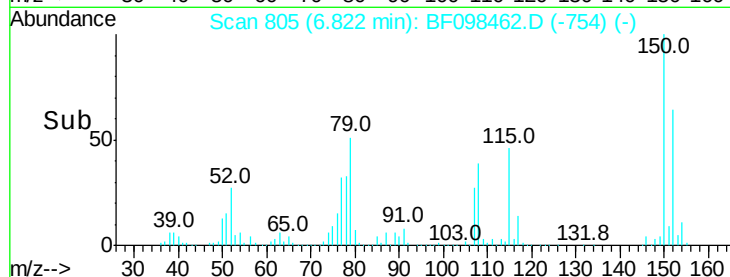
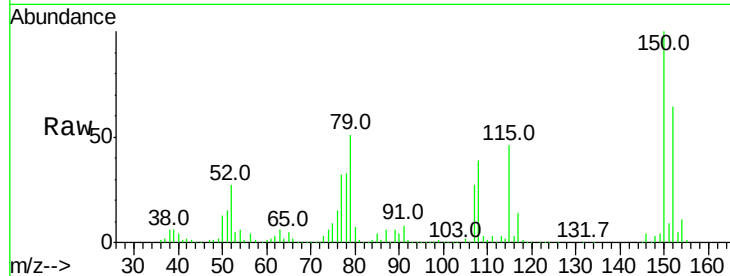




#15
Benzyl Alcohol
Concen: 41.845 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

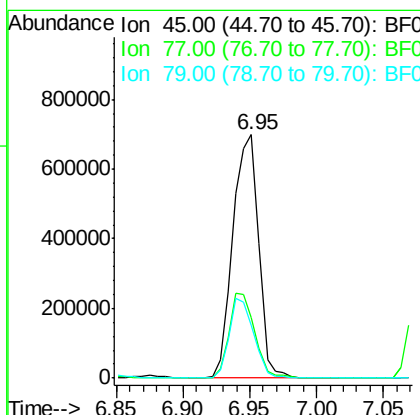
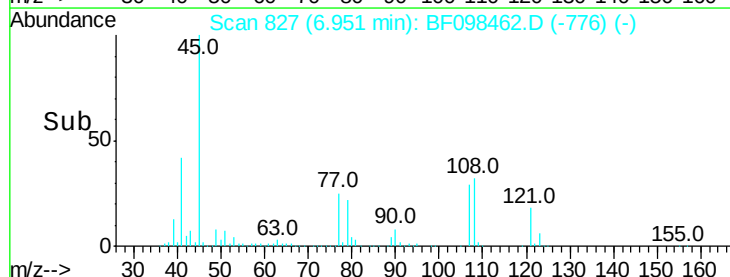
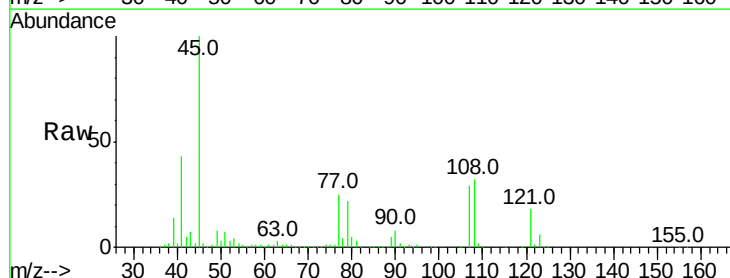
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

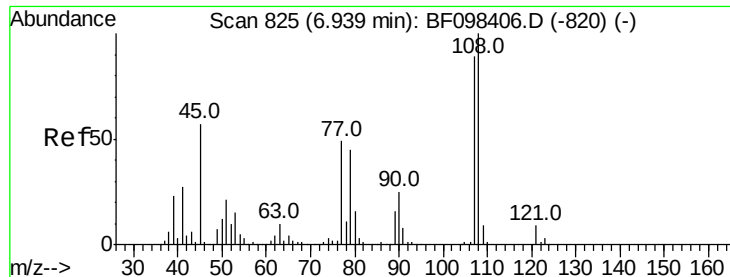
Tot Ion: 79 Resp: 476468
Ion Ratio Lower Upper
79 100
108 75.8 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.139 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion: 45 Resp: 940225
Ion Ratio Lower Upper
45 100
77 24.9 0.0 33.2
79 21.8 0.0 30.0

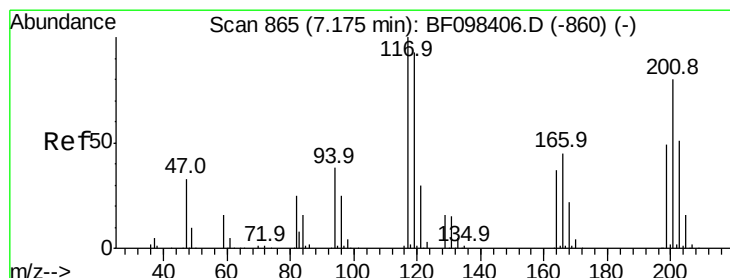
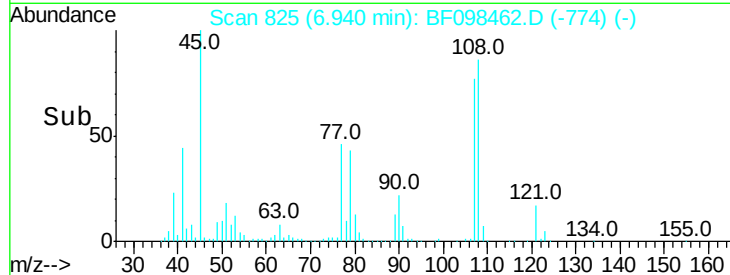
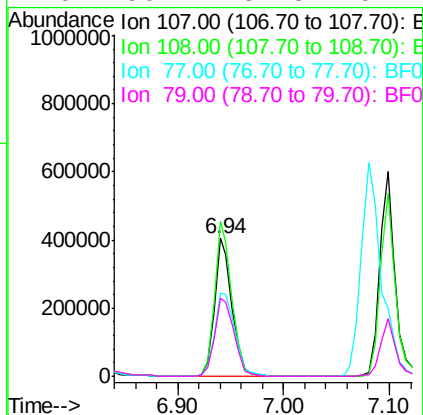
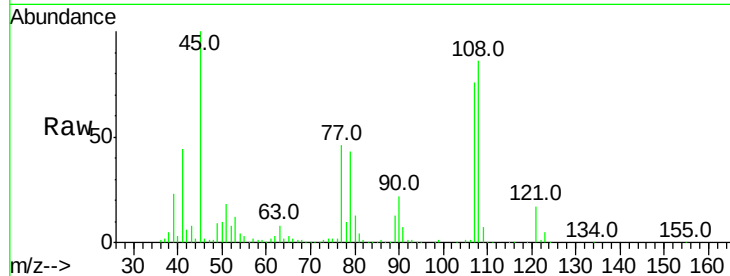




#17
2-Methylphenol
Concen: 38.829 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

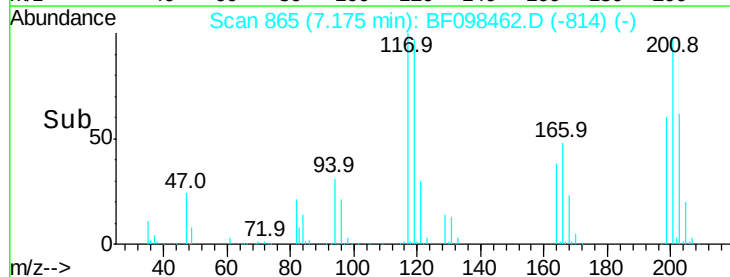
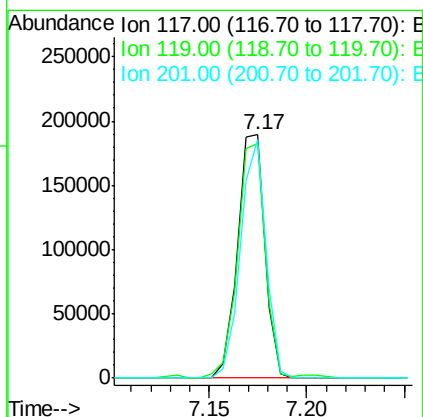
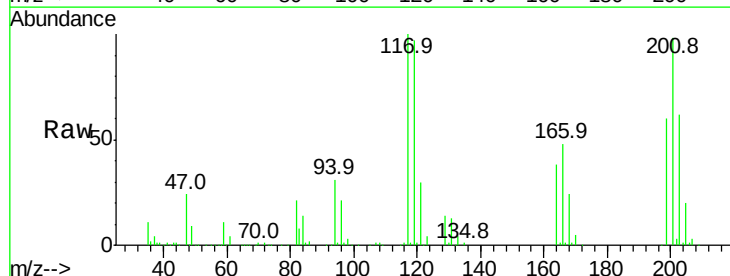
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

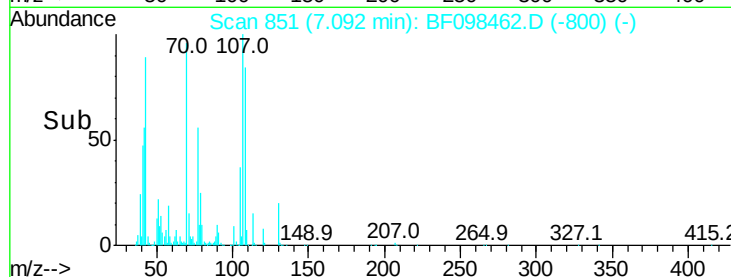
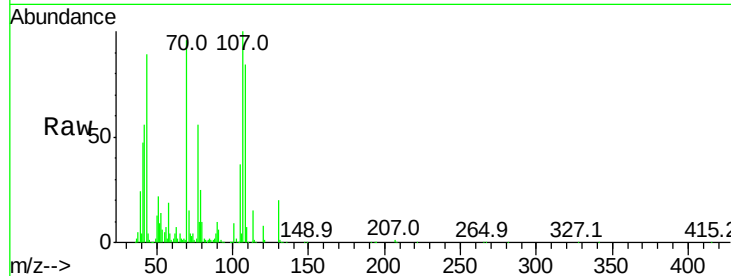
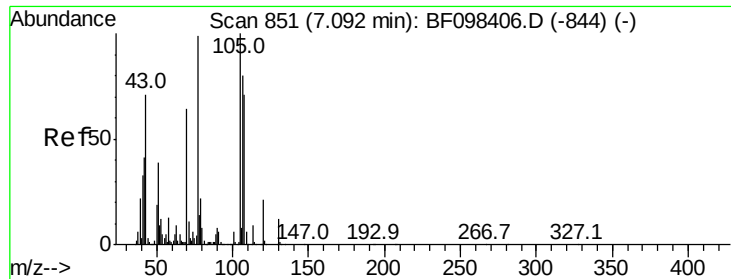
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.4	140.0
77	60.1	35.8	53.6#
79	56.7	34.8	52.2#



#18
Hexachloroethane
Concen: 31.411 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	97.8	94.6	141.8

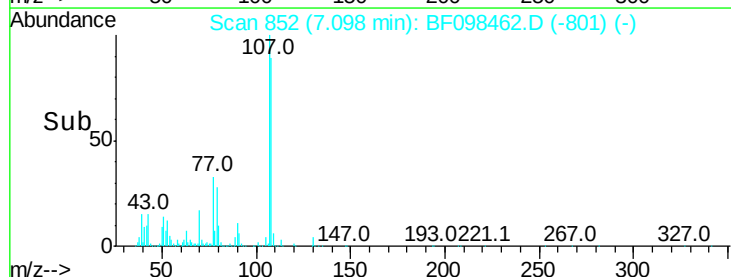
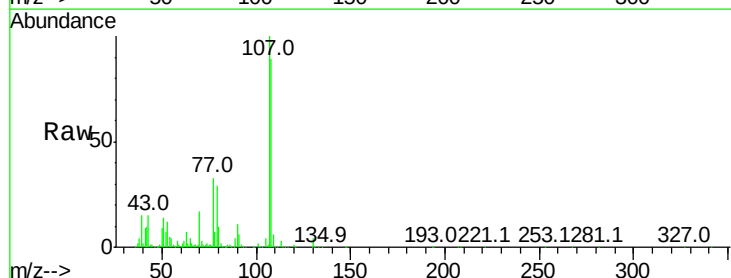
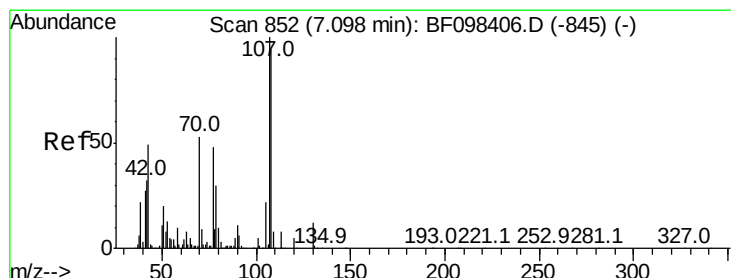
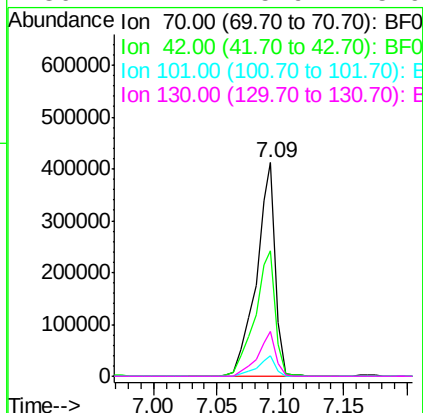




#19
n-Nitroso-di-n-propylamine
Concen: 40.014 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

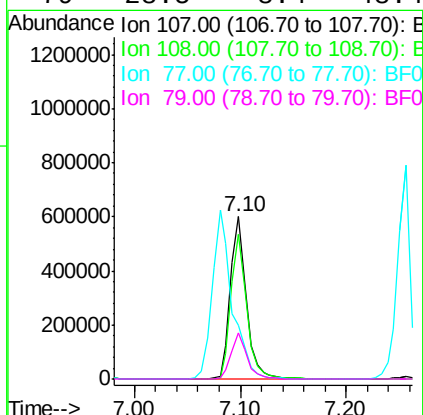
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

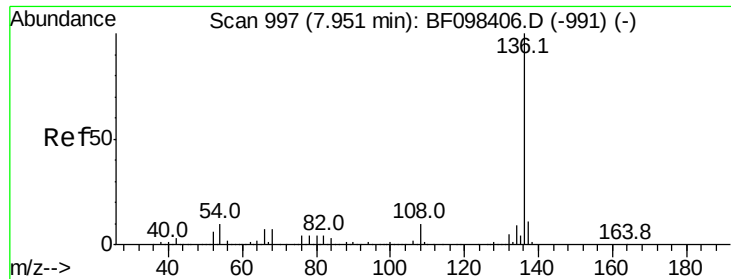
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.2	70.8
101	9.7	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.921 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.0	111.0
77	33.4	90.5	130.5#
79	28.5	8.4	48.4

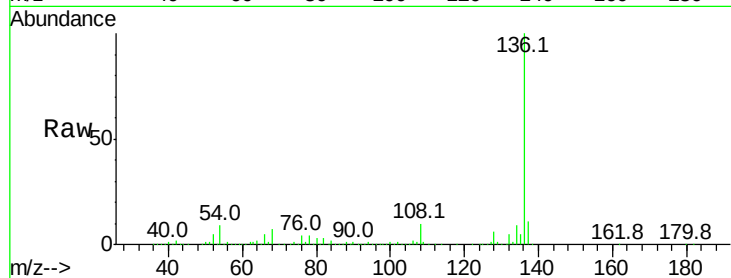




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

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

Tot Ion:136	Resp:	794932
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.2	4.9 7.3#
68	6.7	4.1 6.1#



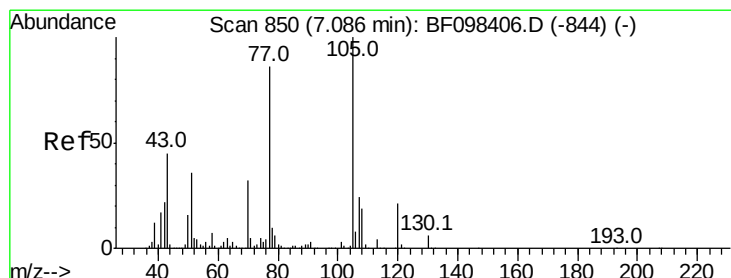
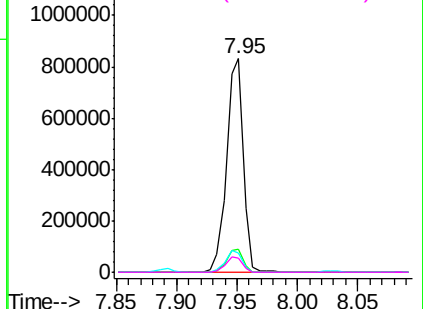
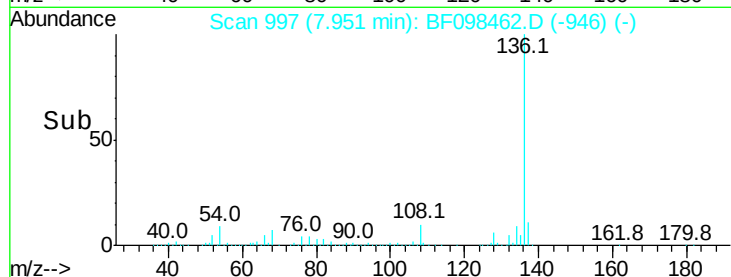
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

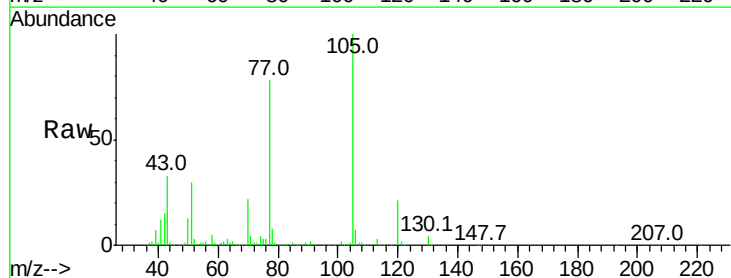
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.682 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:105	Resp:	835828
Ion Ratio	Lower	Upper
105	100	
71	3.7	2.8 4.2
51	30.1	30.7 46.1#
120	20.9	17.4 26.0



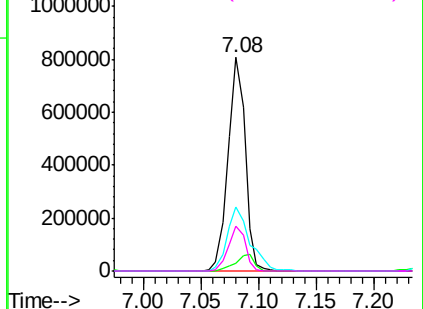
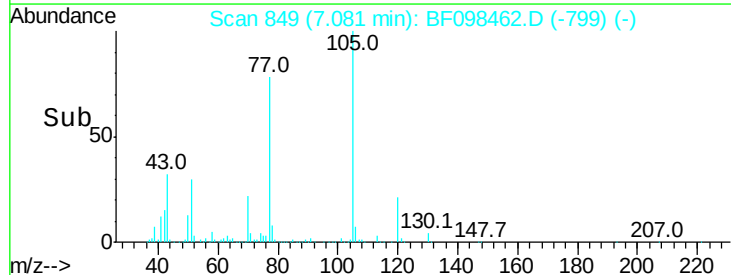
Abundance

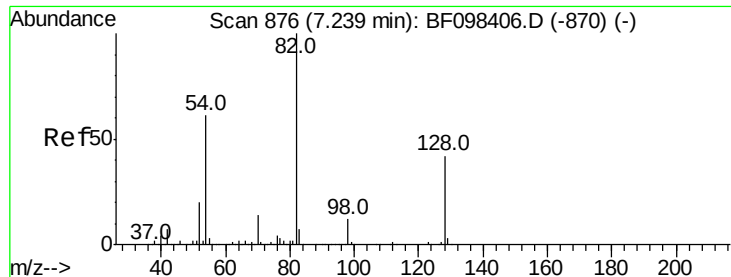
Ion 105.00 (104.70 to 105.70): E

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



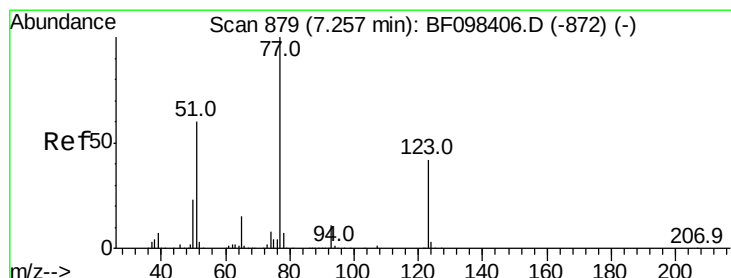
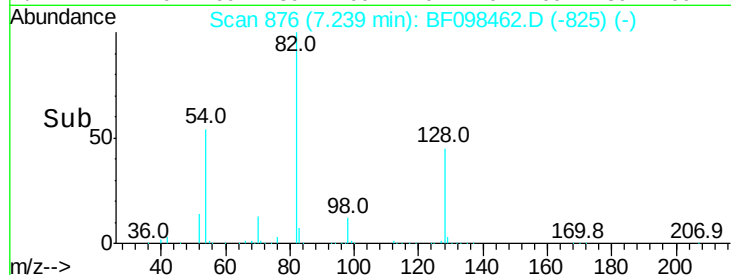
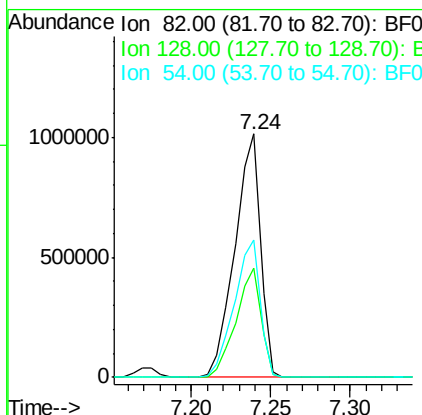
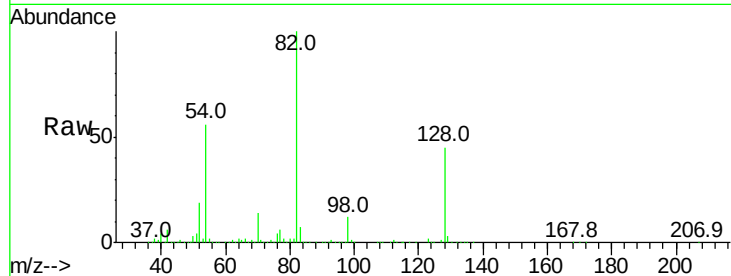


#23
 Nitrobenzene-d5
 Concen: 79.710 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

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

Tot Ion: 82 Resp: 1136581

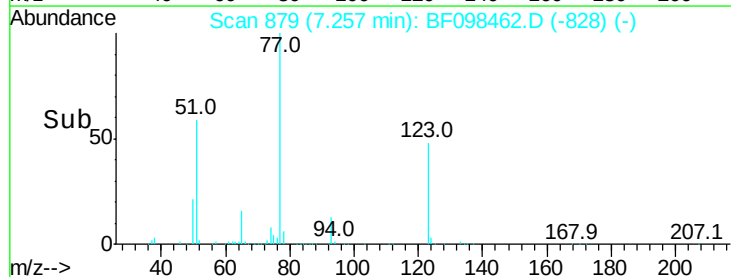
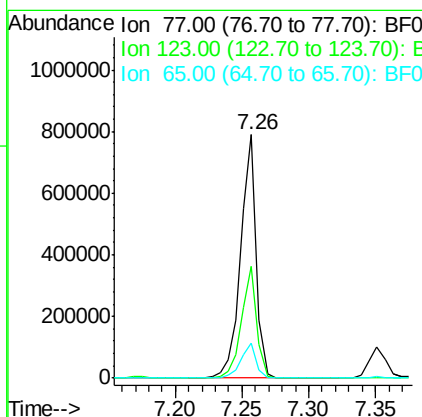
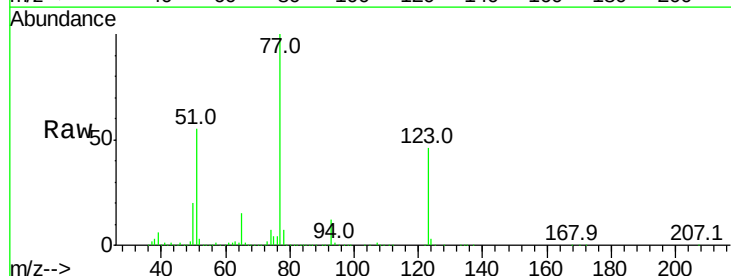
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	56.4	42.2	63.2

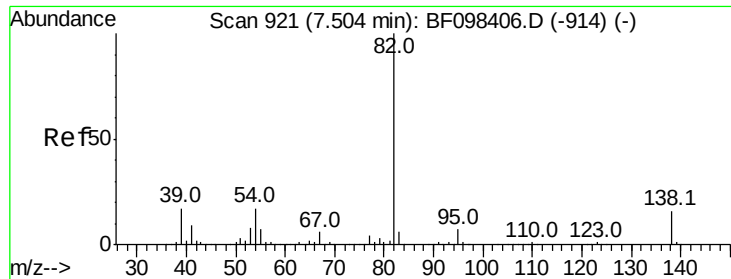


#24
 Nitrobenzene
 Concen: 39.397 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion: 77 Resp: 639877

Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 39.034 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

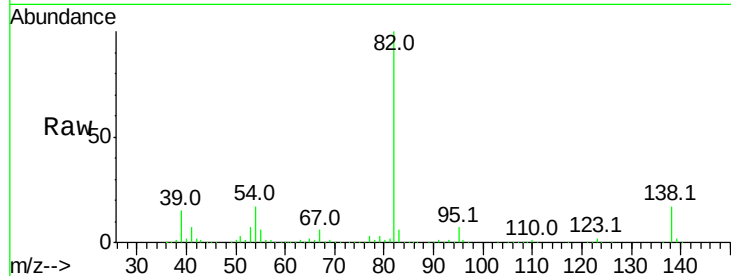
Tot Ion: 82 Resp: 1126116

Ion Ratio Lower Upper

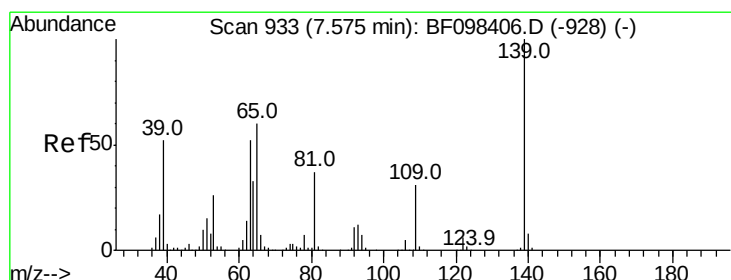
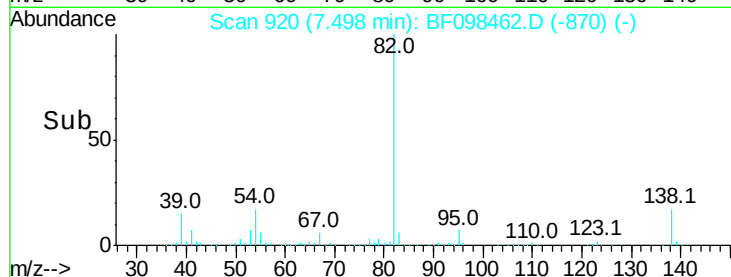
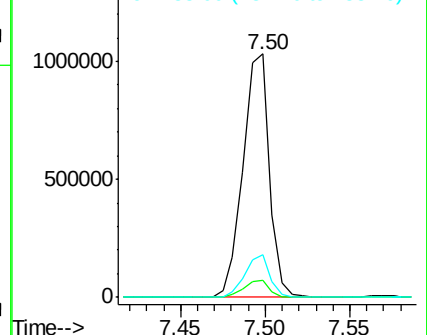
82 100

95 6.8 5.3 7.9

138 17.4 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: 40.229 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

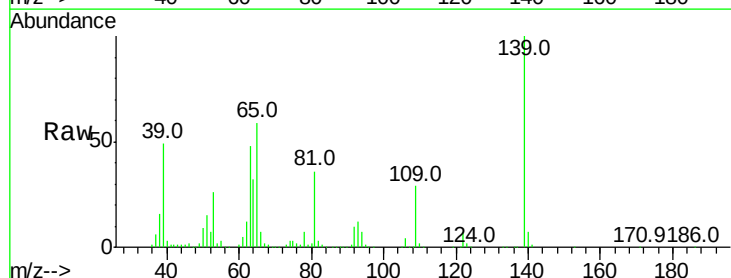
Tgt Ion:139 Resp: 263811

Ion Ratio Lower Upper

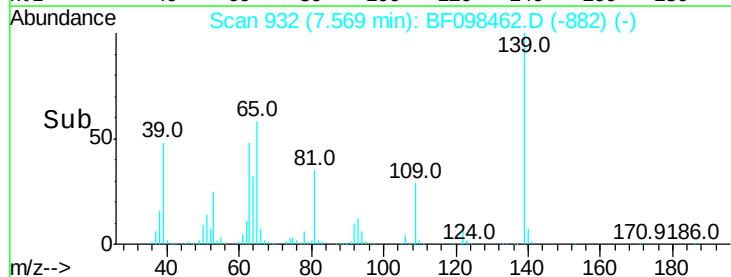
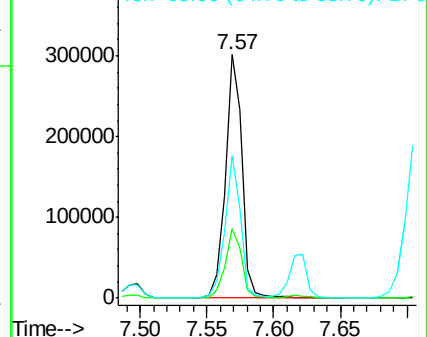
139 100

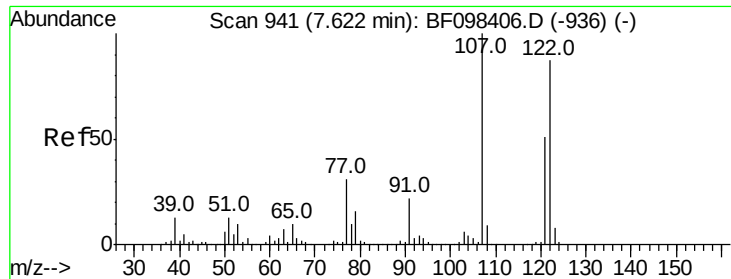
109 28.7 21.0 31.6

65 58.5 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

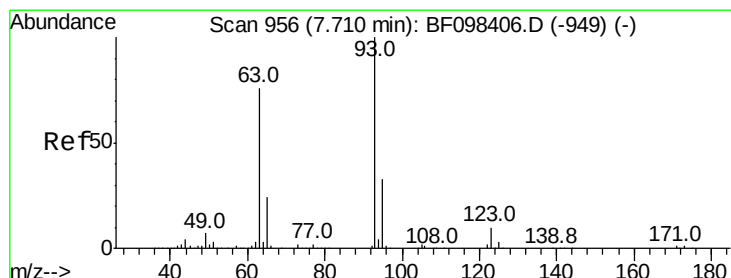
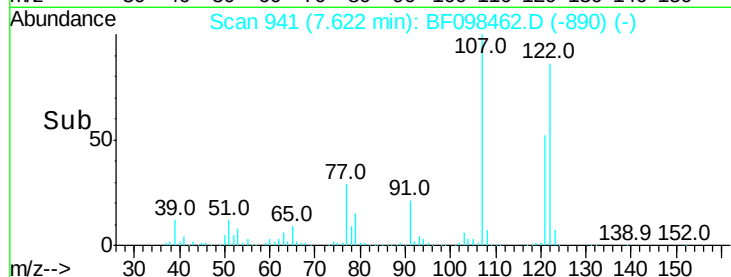
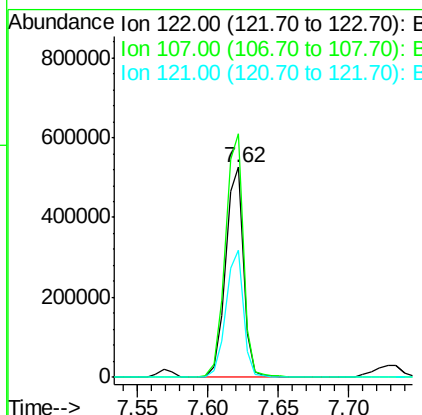
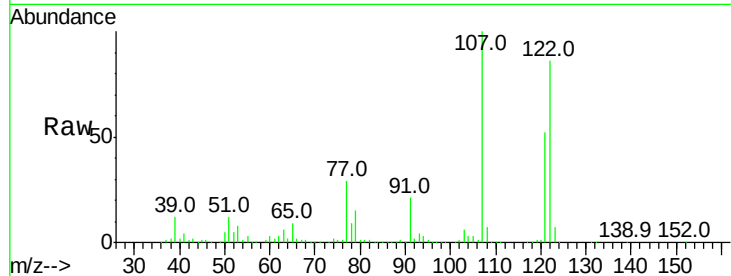




#27
 2,4-Dimethylphenol
 Concen: 37.225 ng
 RT: 7.62 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

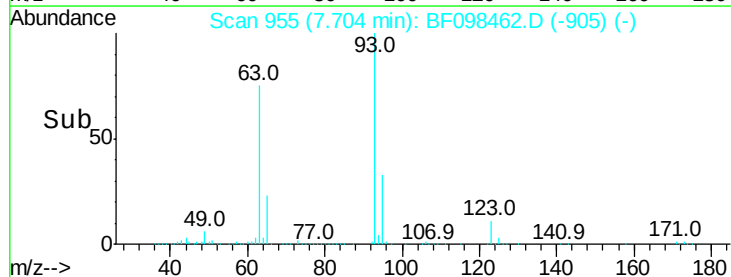
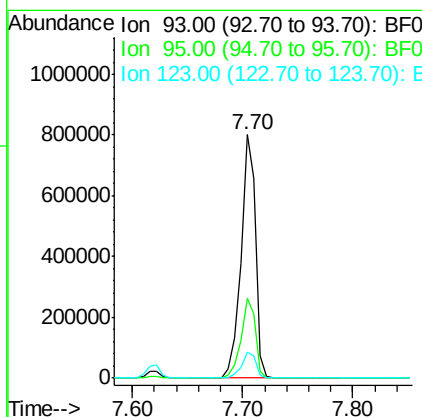
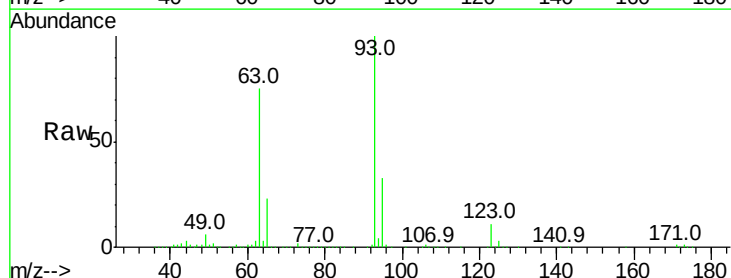
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

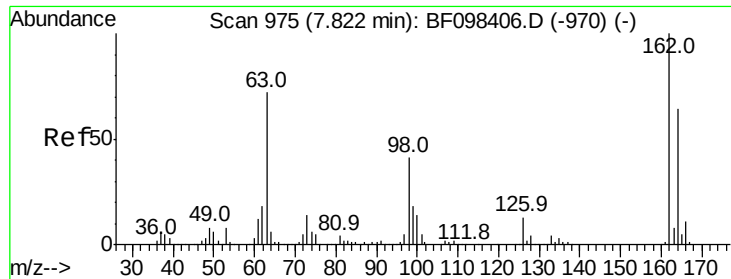
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	89.2	133.8
121	60.7	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.950 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.7	9.0	13.4

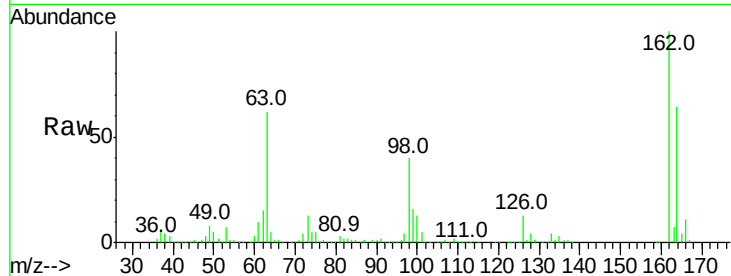




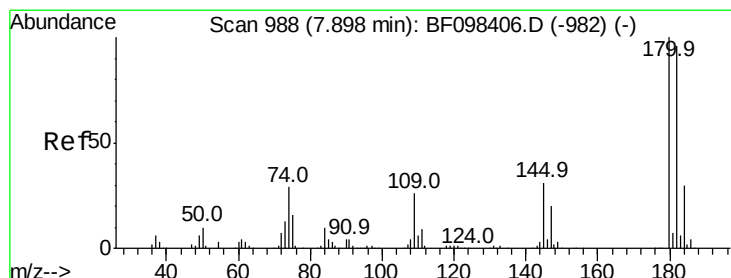
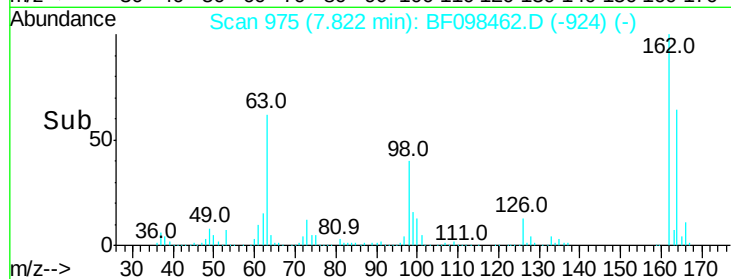
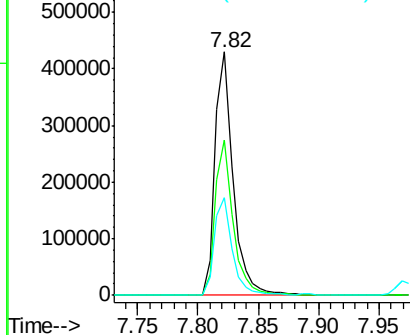
#29
 2,4-Dichlorophenol
 Concen: 42.326 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	39.9	14.8	54.8

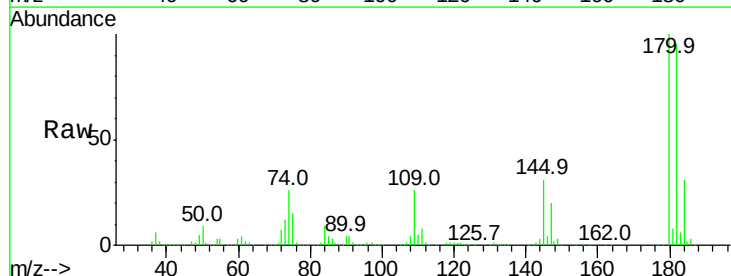


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

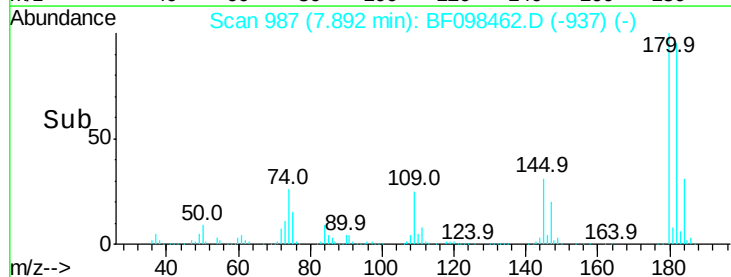
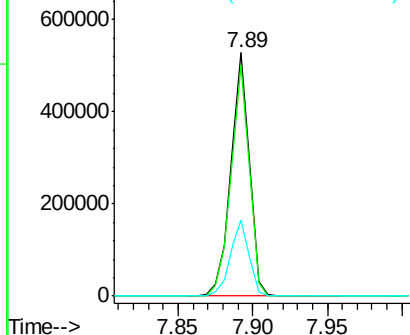


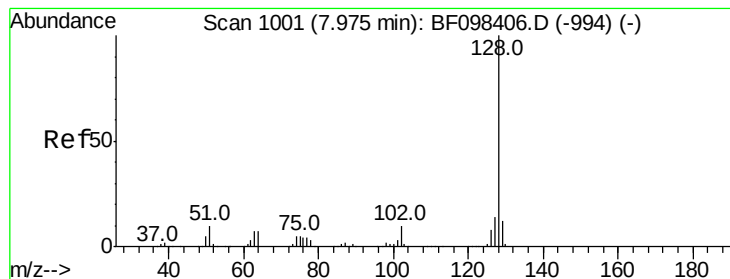
#30
 1,2,4-Trichlorobenzene
 Concen: 41.399 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.2	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: 41.306 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

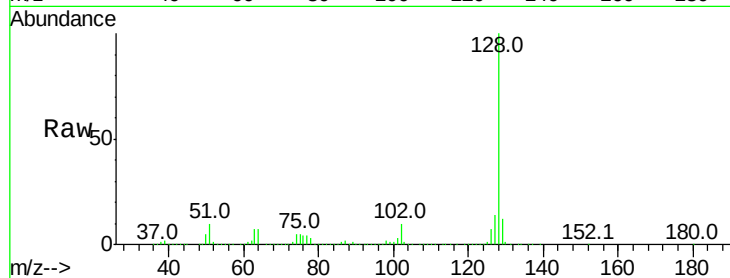
Tot Ion:128 Resp: 1623237

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

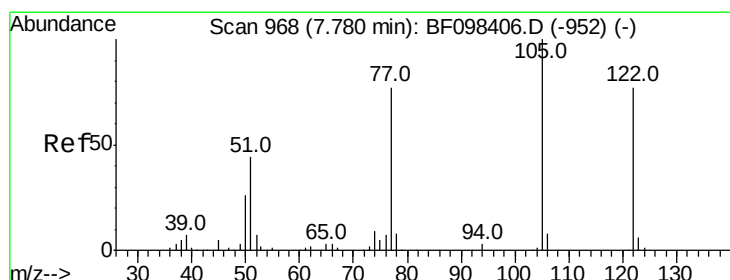
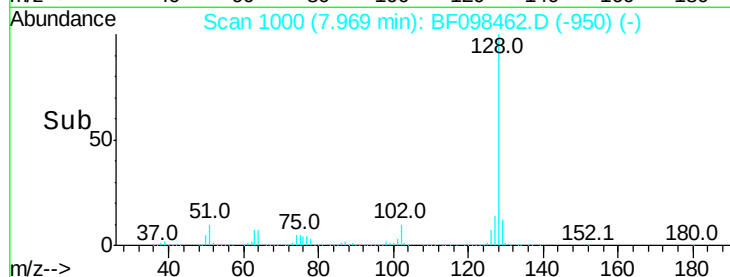
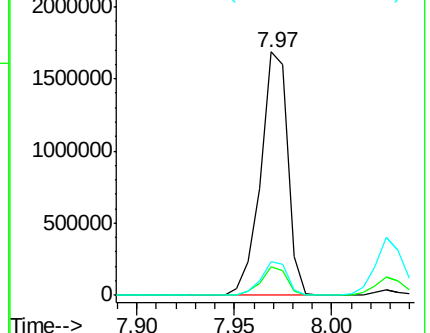
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.644 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.05 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

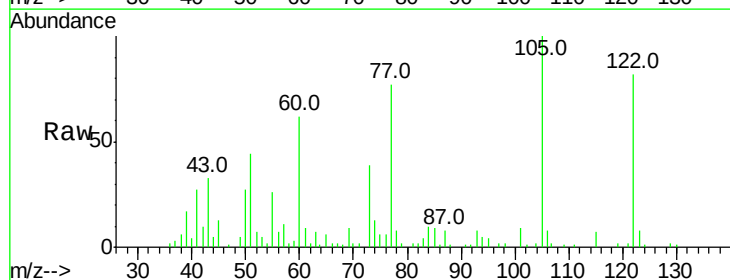
Tgt Ion:122 Resp: 47003

Ion Ratio Lower Upper

122 100

105 121.4 103.3 143.3

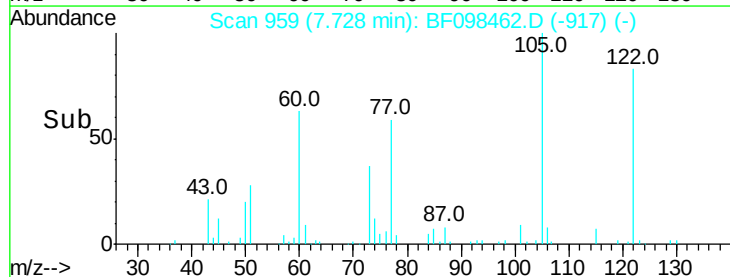
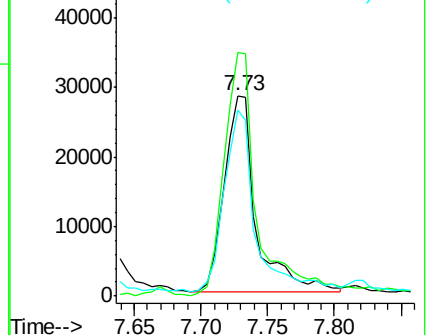
77 93.0 73.7 113.7

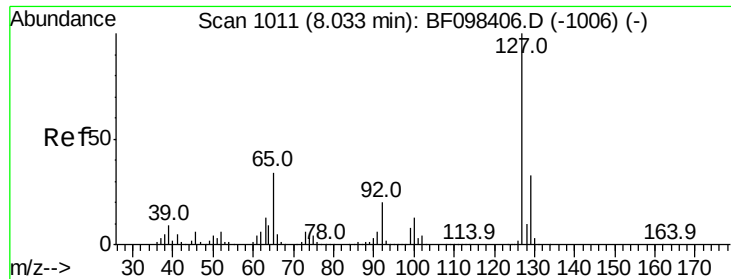


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

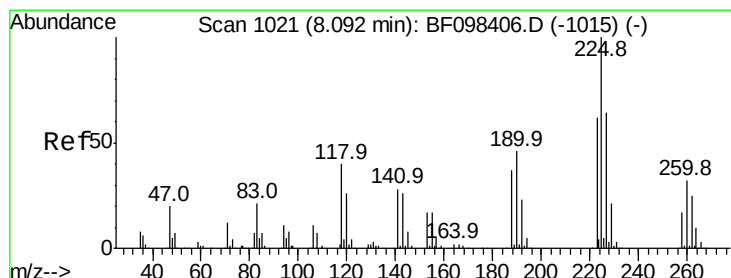
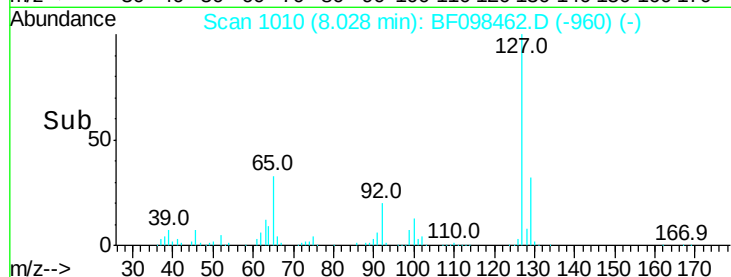
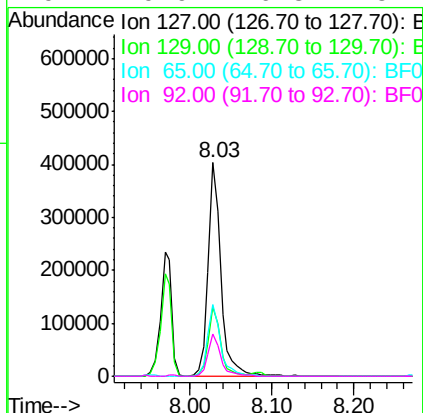
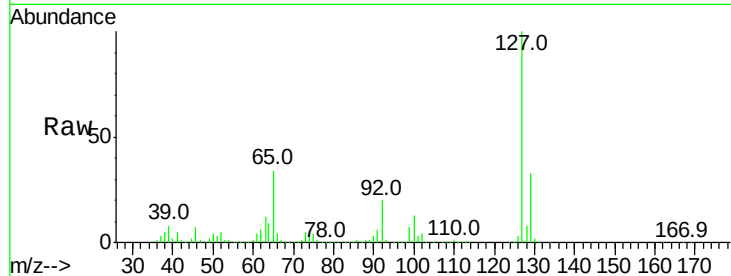




#33
 4-Chloroaniline
 Concen: 27.365 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

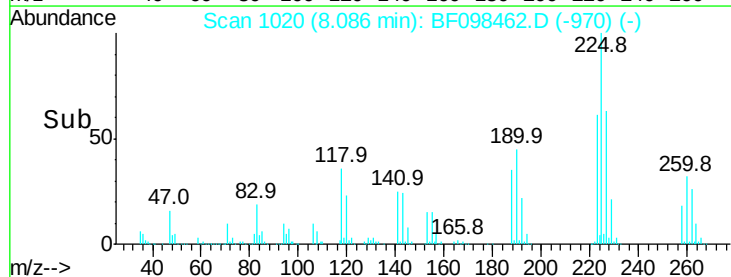
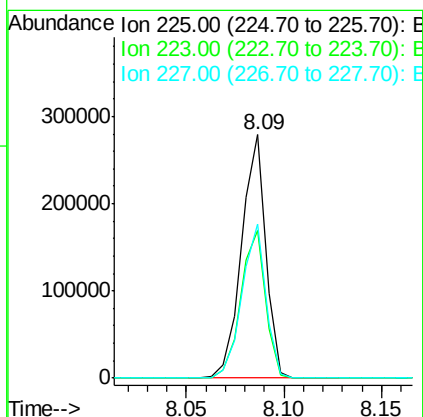
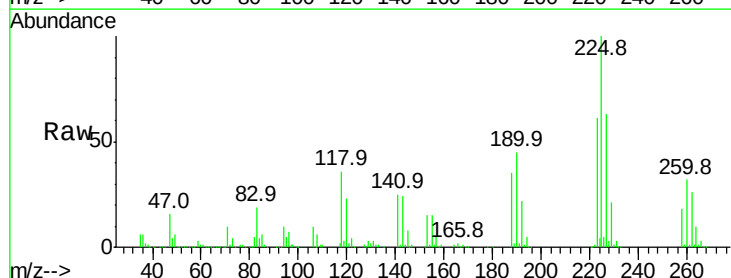
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

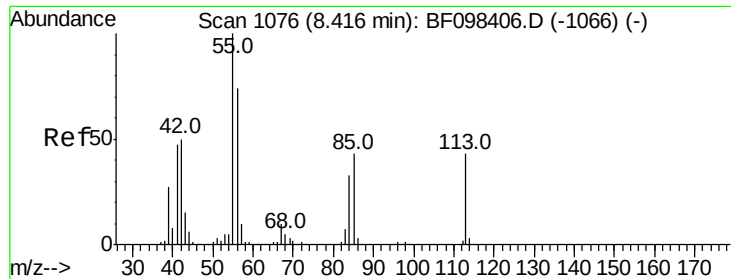
Tot Ion:	127	Resp:	437052
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	33.7	27.8	41.8
92	19.9	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 41.256 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:	225	Resp:	239537
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	63.0	51.1	76.7





#35

Caprolactam

Concen: 37.200 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

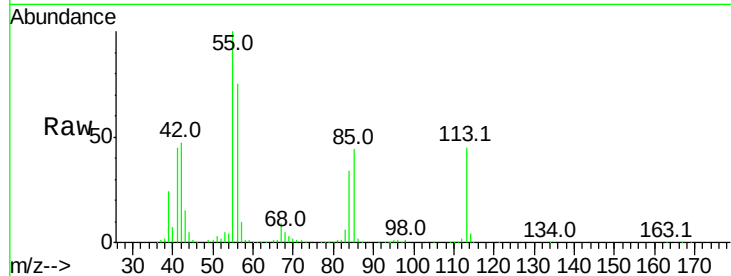
Tot Ion:113 Resp: 133370

Ion Ratio Lower Upper

113 100

55 223.1 150.2 190.2#

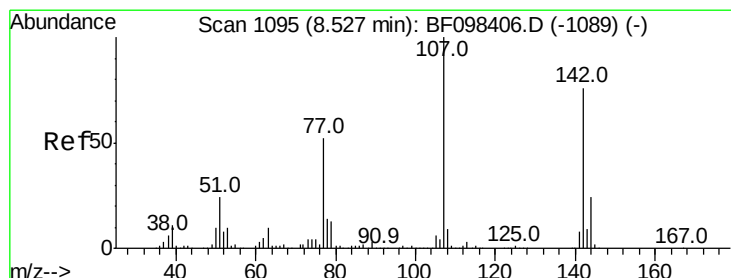
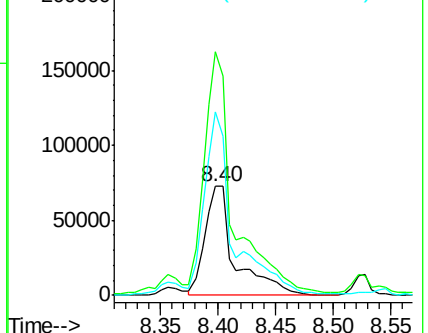
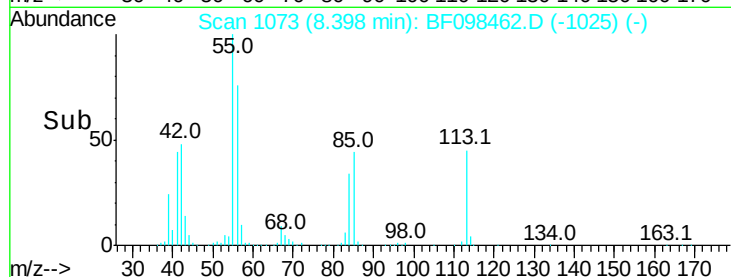
56 167.9 107.8 147.8#



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: 37.167 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

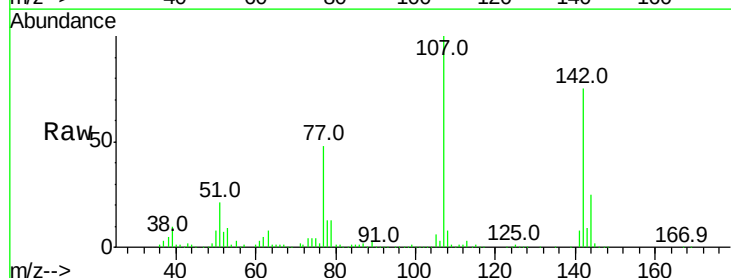
Tgt Ion:107 Resp: 479237

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

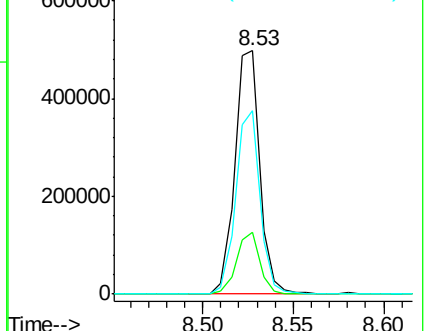
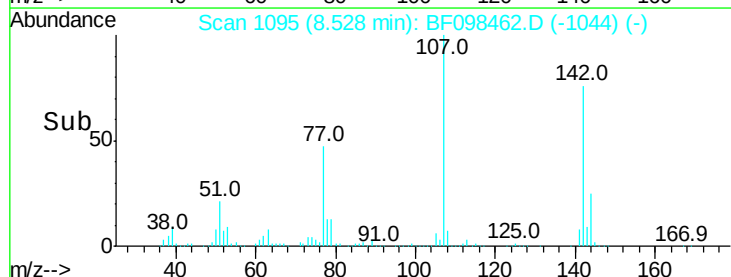
142 75.5 73.4 110.0

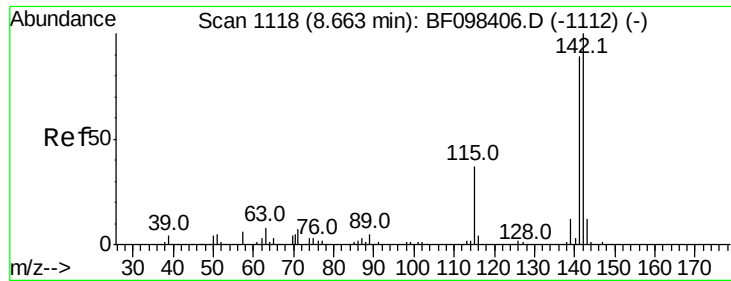


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

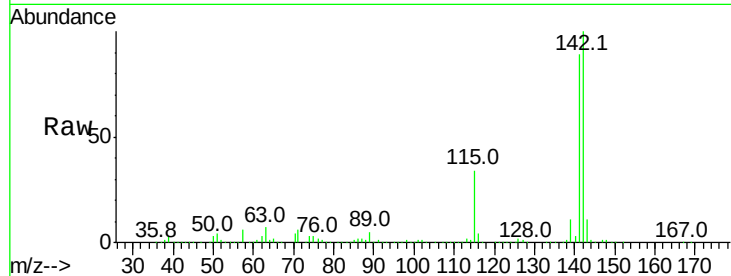




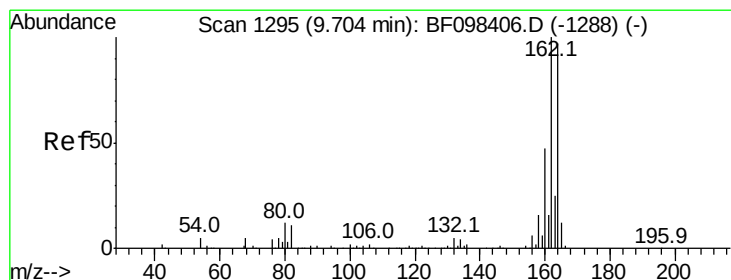
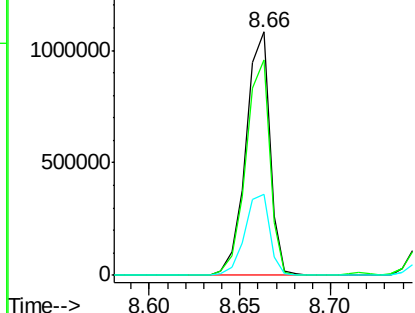
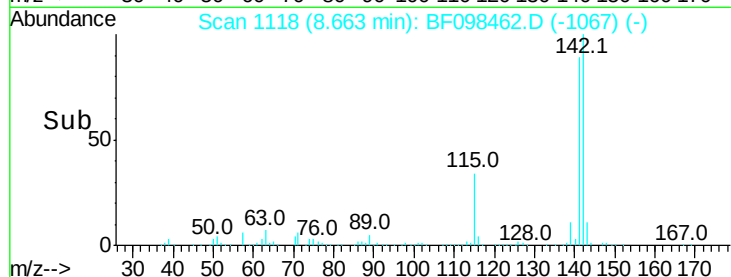
#37
 2-Methylnaphthalene
 Concen: 41.889 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	33.6	27.1	40.7

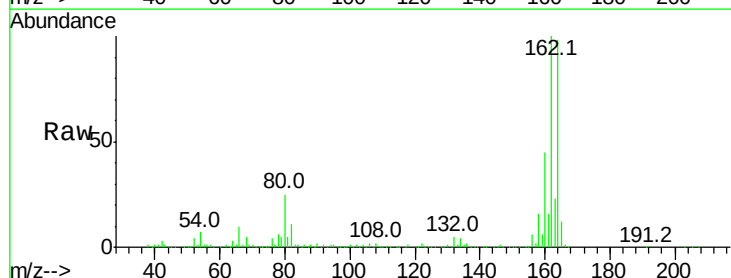


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

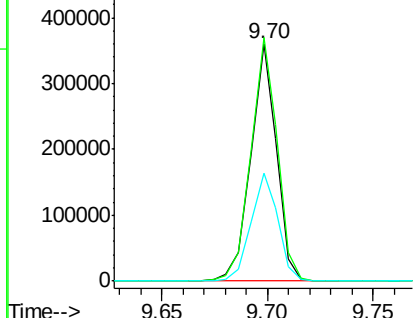
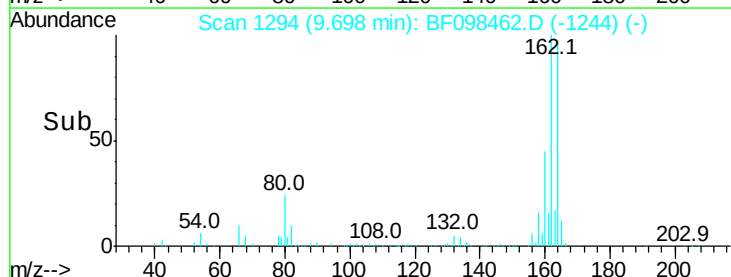


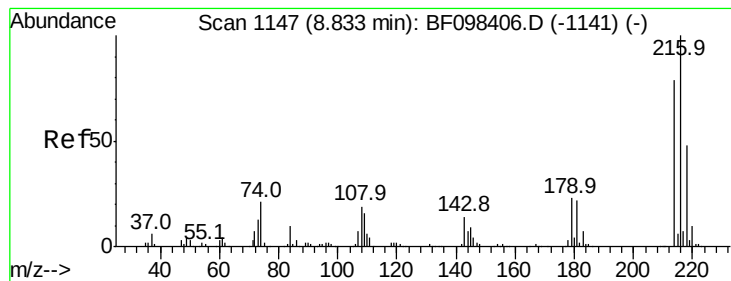
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.6	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.188 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:216 Resp: 400071

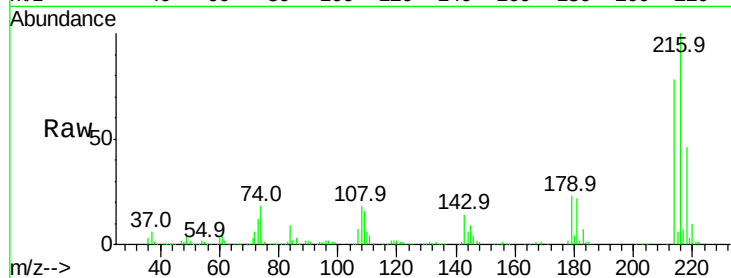
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 23.1 17.9 26.9

108 19.5 16.5 24.7

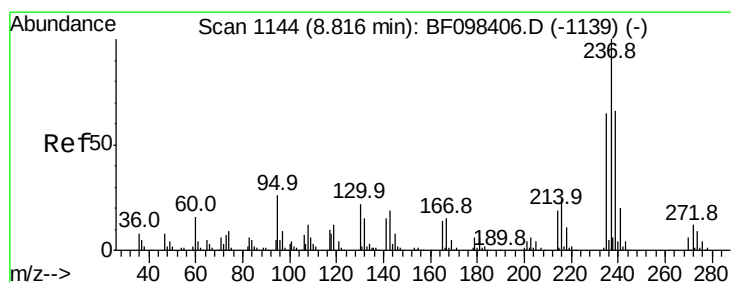
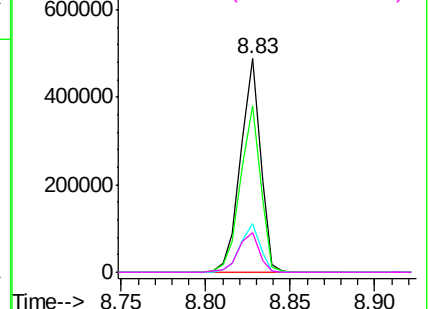
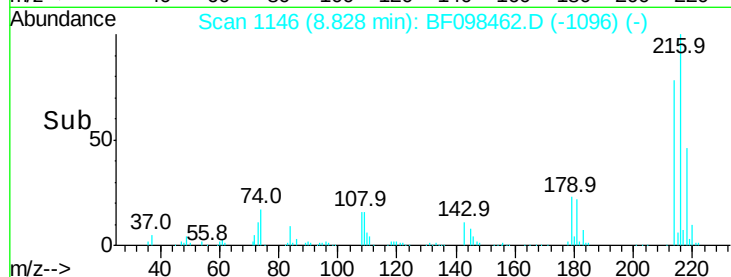


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.363 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

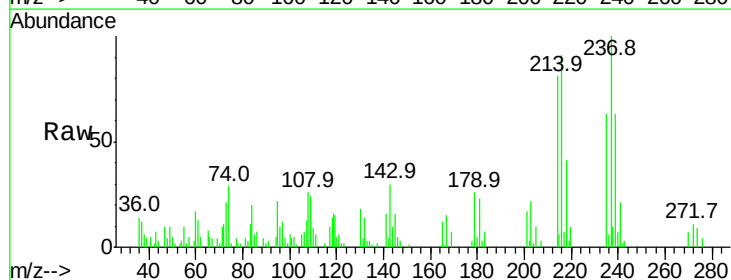
Tgt Ion:237 Resp: 20682

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

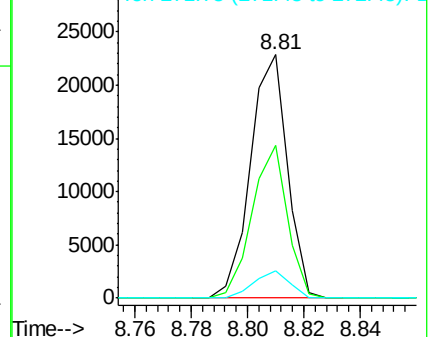
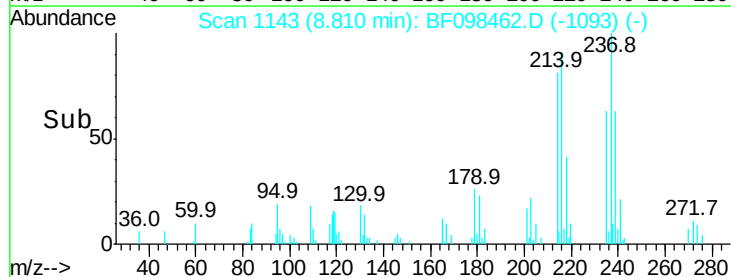
272 11.3 0.0 31.9

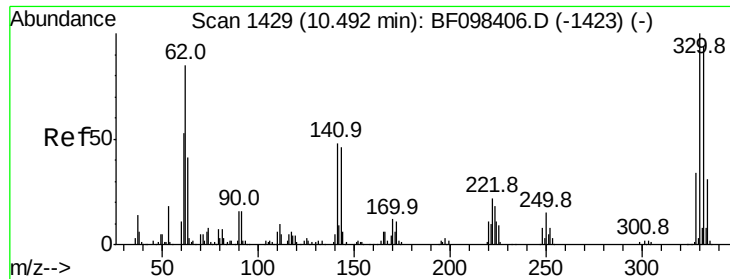


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

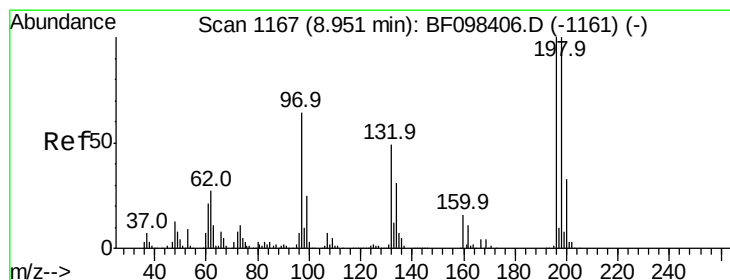
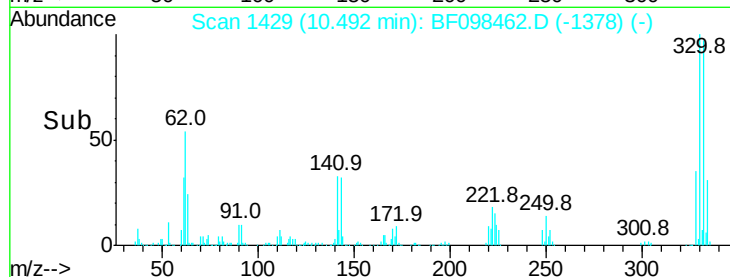
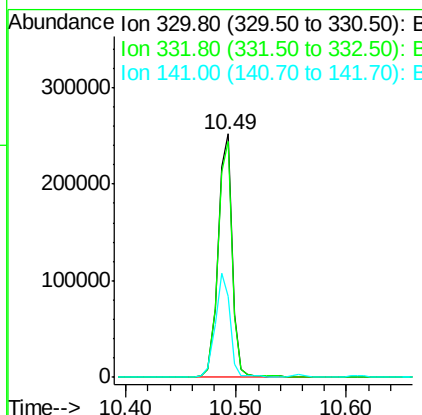
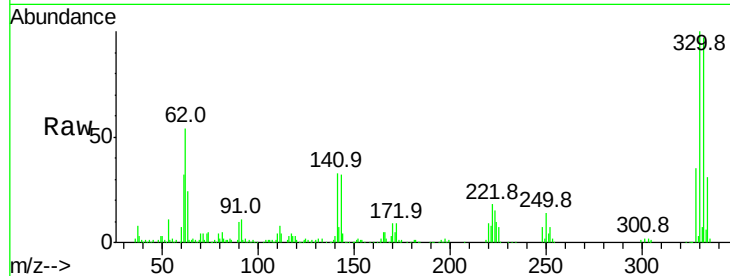




#41
 2,4,6-Tribromophenol
 Concen: 111.273 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

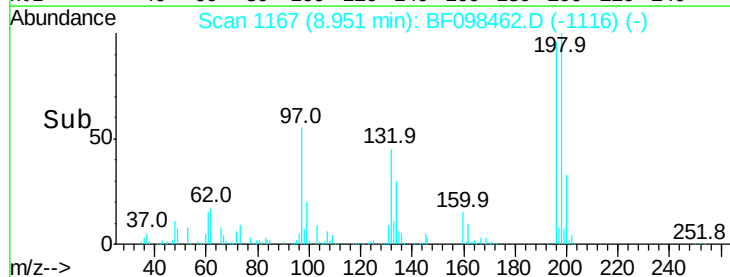
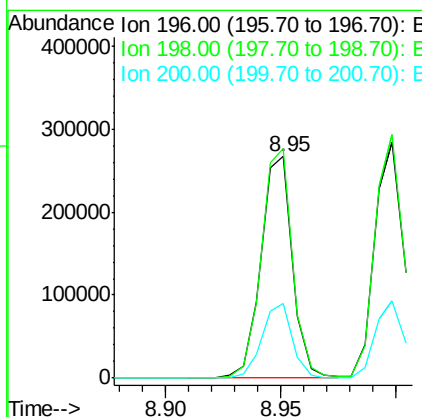
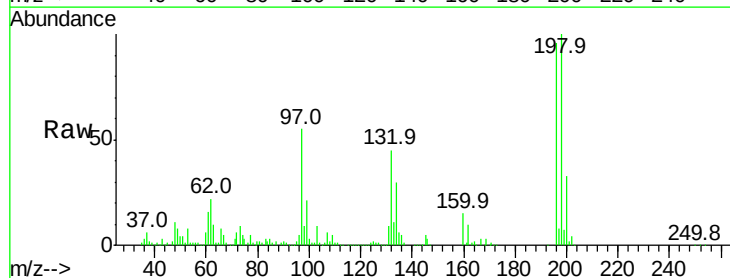
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

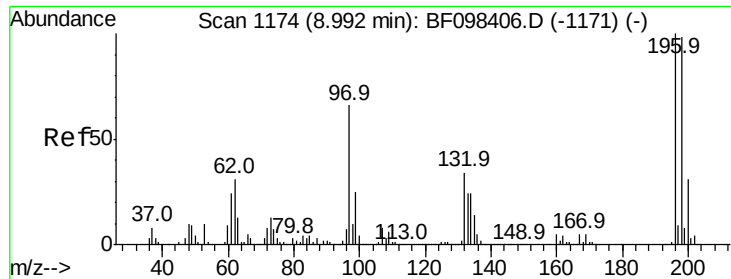
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	44.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.805 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.7	74.2	111.4
200	33.8	24.0	36.0

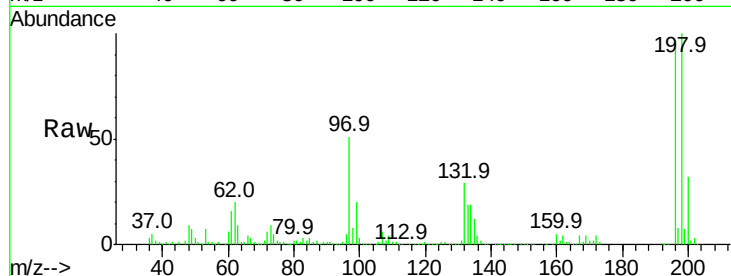




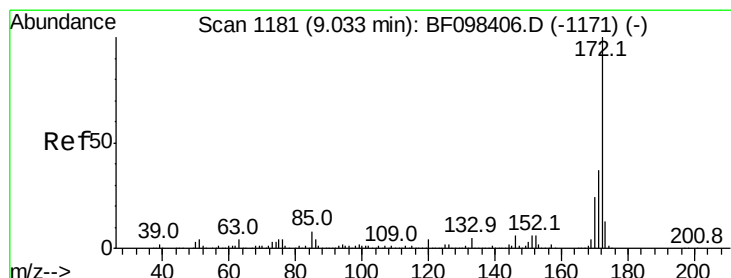
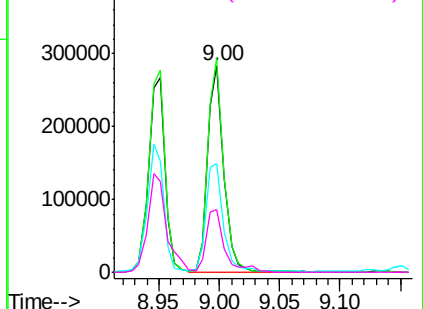
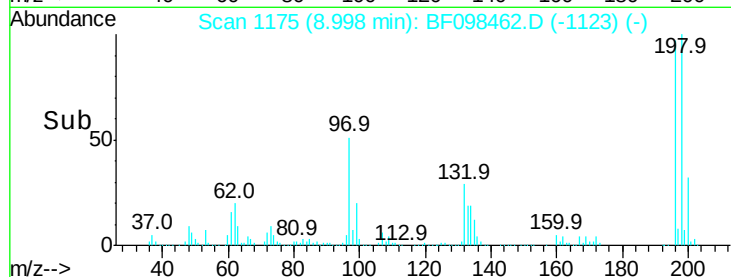
#43
 2,4,5-Trichlorophenol
 Concen: 45.116 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

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

Tot Ion:	196	Resp:	262666
Ion	Ratio	Lower	Upper
196	100		
198	103.4	75.7	113.5
97	52.5	47.7	71.5
132	30.3	28.0	42.0

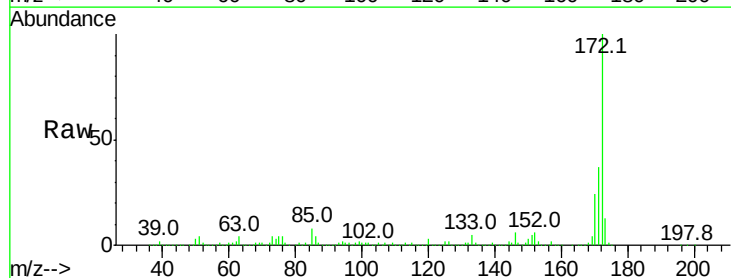


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

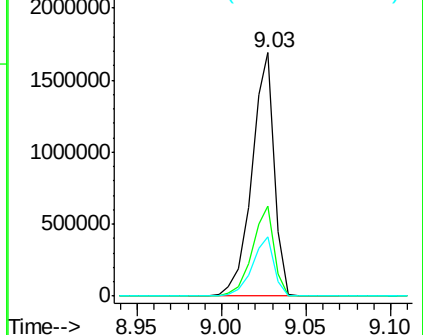
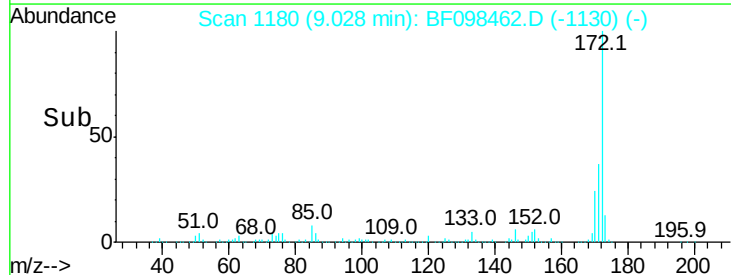


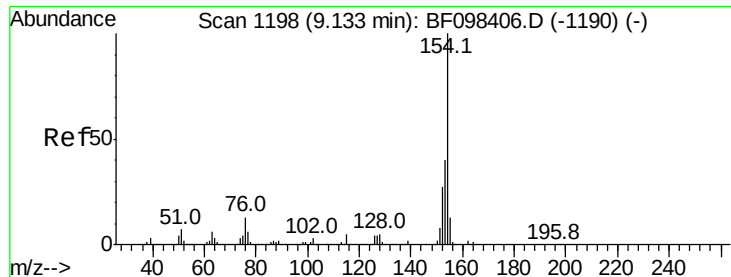
#44
 2-Fluorobiphenyl
 Concen: 87.223 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:	172	Resp:	1566680
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	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: 41.478 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

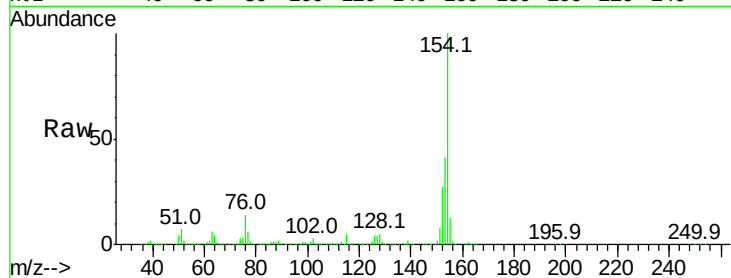
Tot Ion:154 Resp: 1130240

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

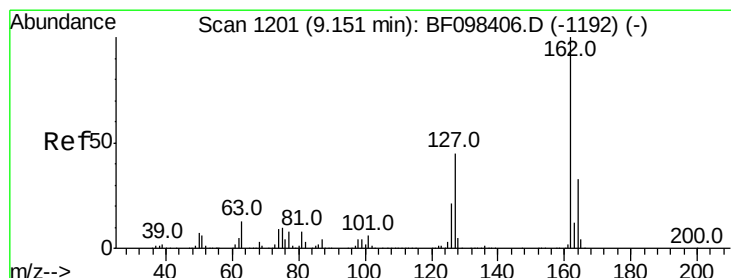
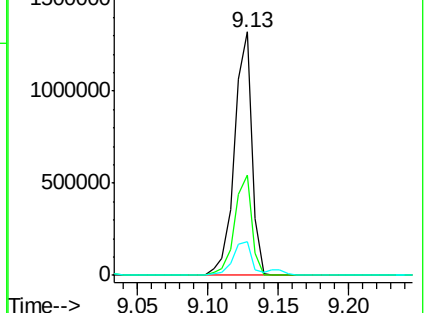
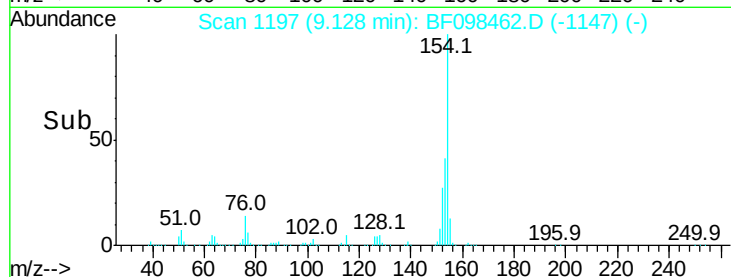
76 13.7 0.0 29.9



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: 42.997 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

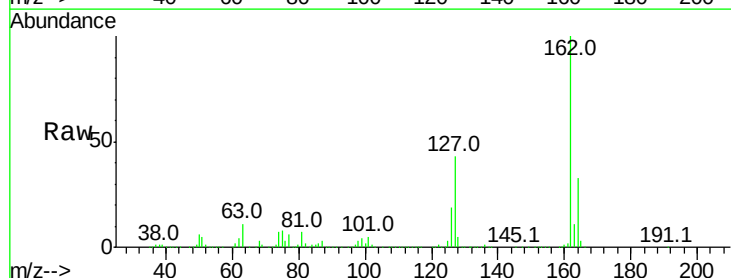
Tgt Ion:162 Resp: 836730

Ion Ratio Lower Upper

162 100

127 42.7 28.3 42.5#

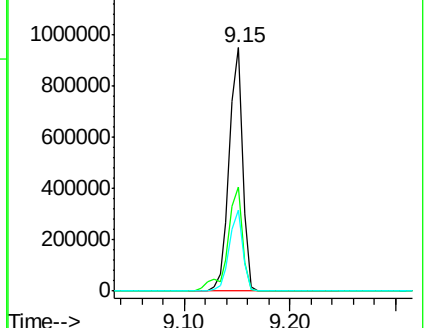
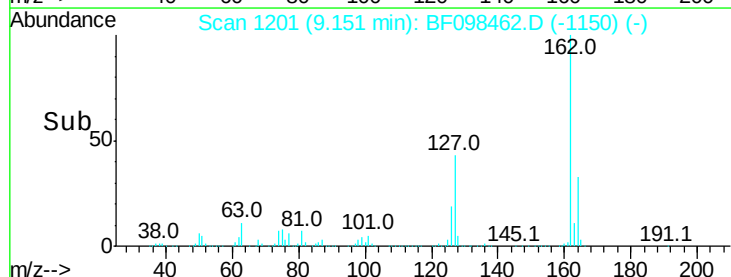
164 33.1 27.0 40.4

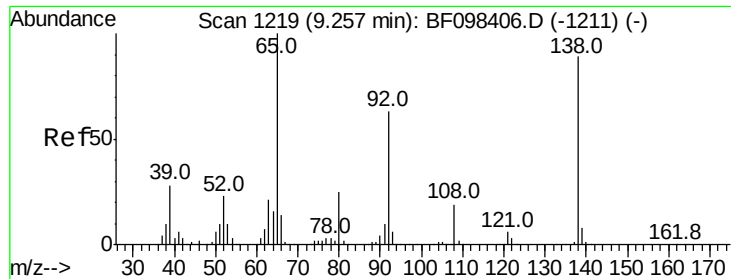


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.168 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

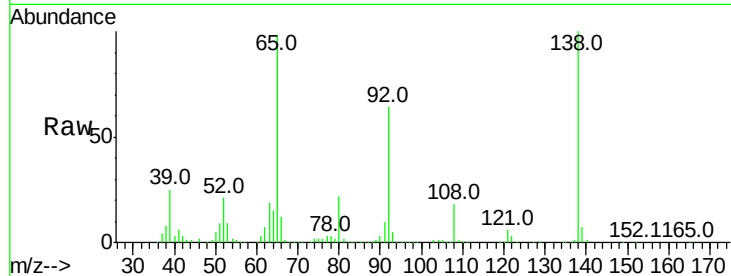
Tot Ion: 65 Resp: 337371

Ion Ratio Lower Upper

65 100

92 65.3 53.9 80.9

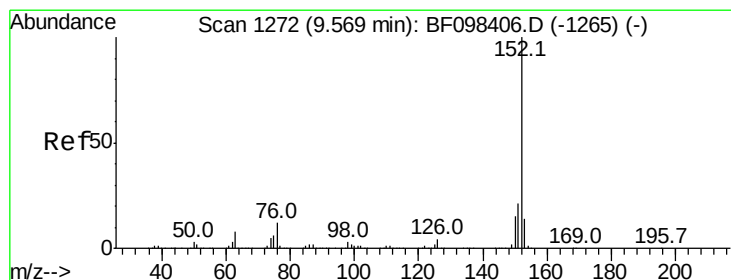
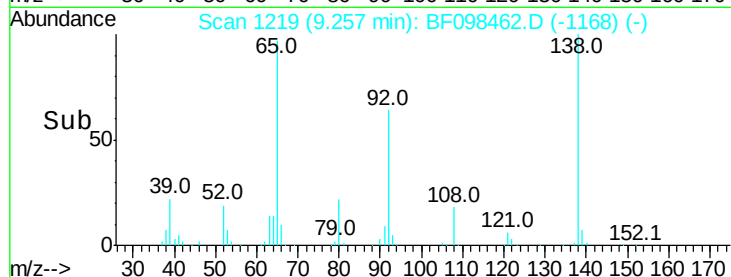
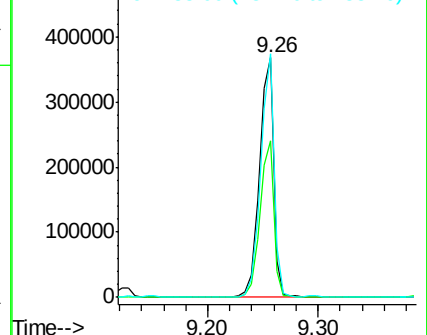
138 101.8 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.927 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

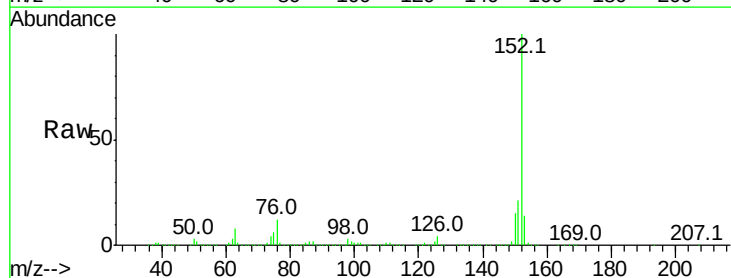
Tgt Ion: 152 Resp: 1184214

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

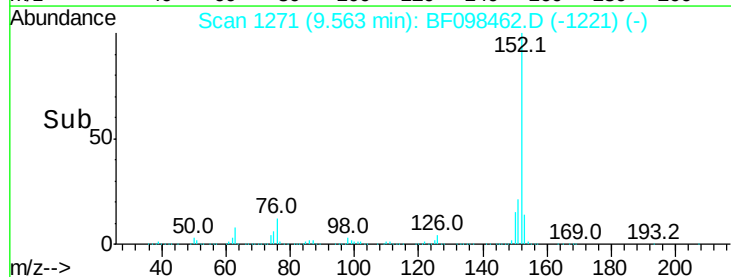
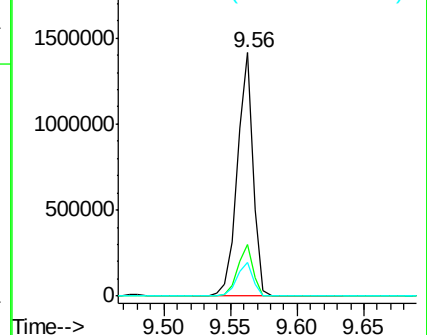
153 14.0 10.8 16.2

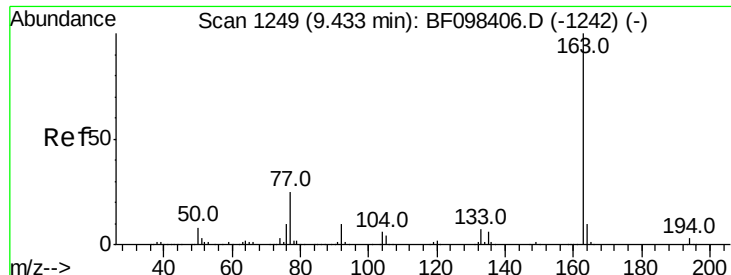


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

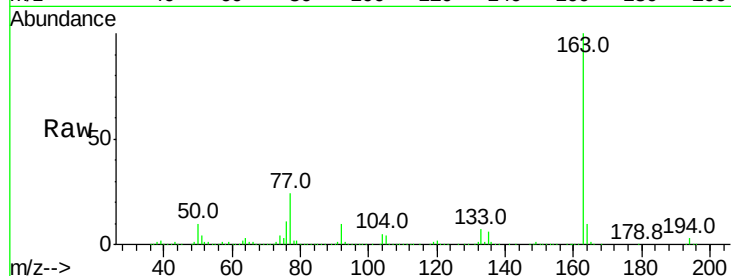




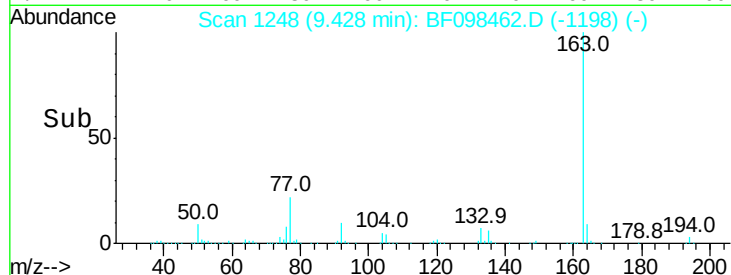
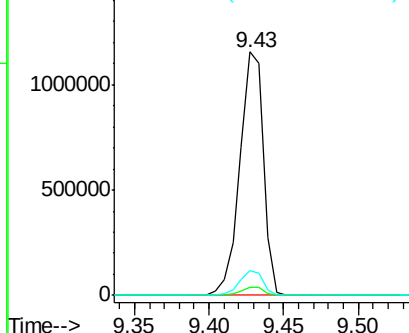
#49
Dimethylphthalate
Concen: 54.016 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

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

Tot Ion:163 Resp: 1272937
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

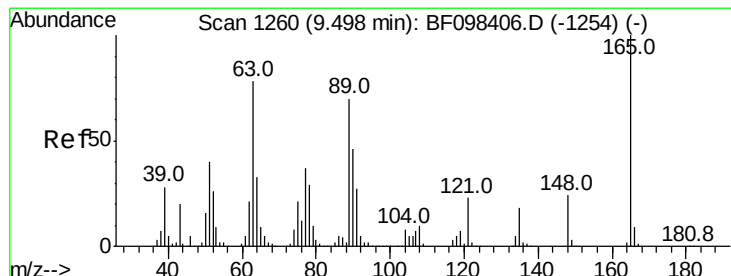


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

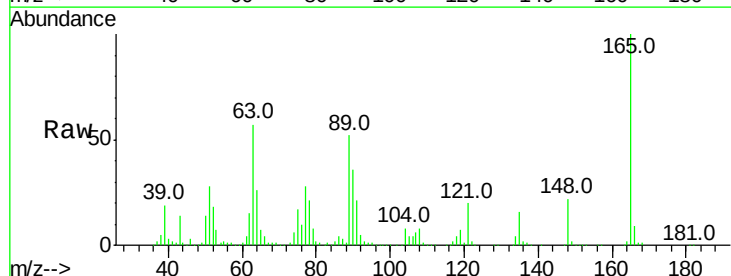
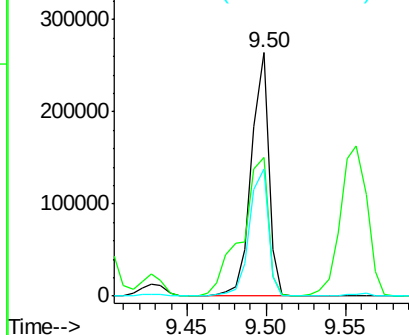


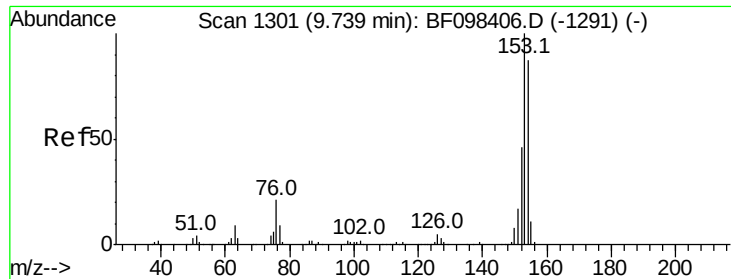
#50
2,6-Dinitrotoluene
Concen: 41.856 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:165 Resp: 202610
Ion Ratio Lower Upper
165 100
63 57.0 34.3 51.5#
89 52.3 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: 40.110 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

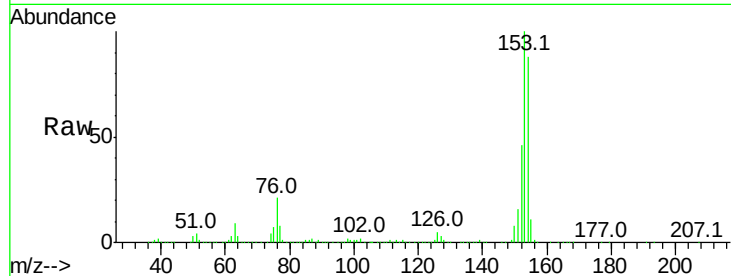
Tot Ion:154 Resp: 737740

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

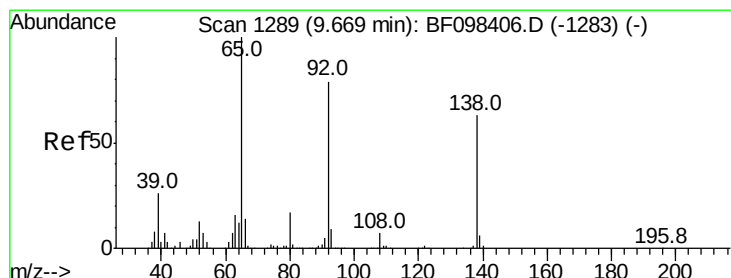
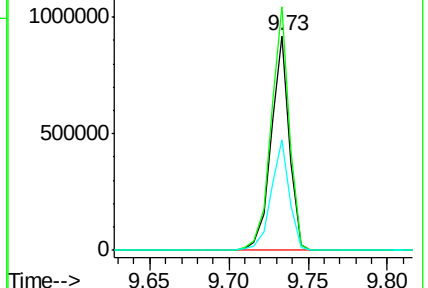
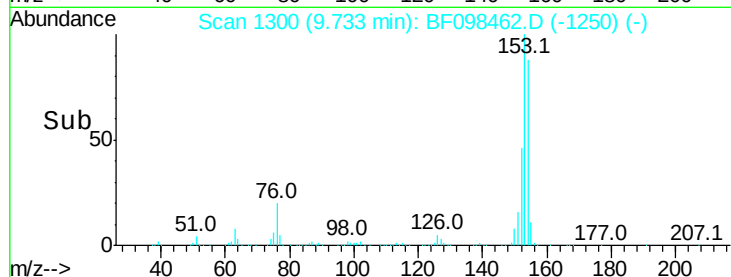
152 51.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.017 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

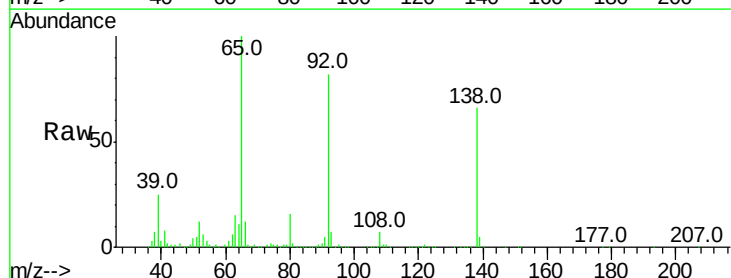
Tgt Ion:138 Resp: 233832

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

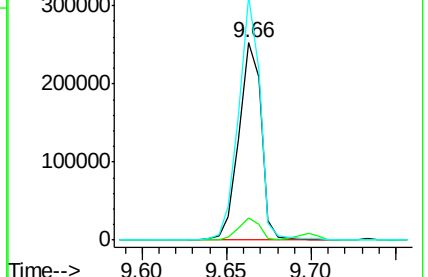
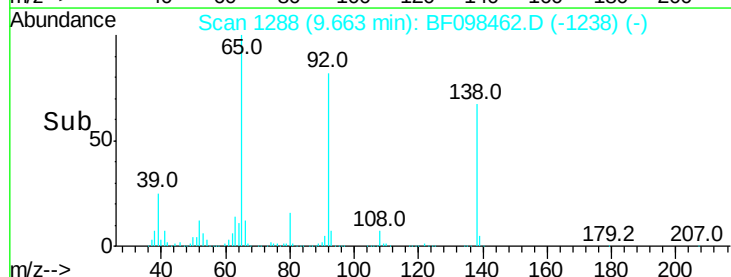
92 123.4 93.8 140.6

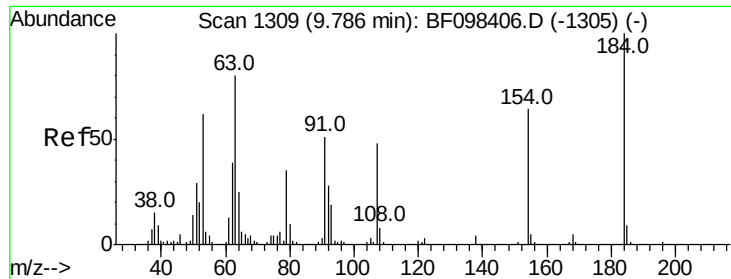


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

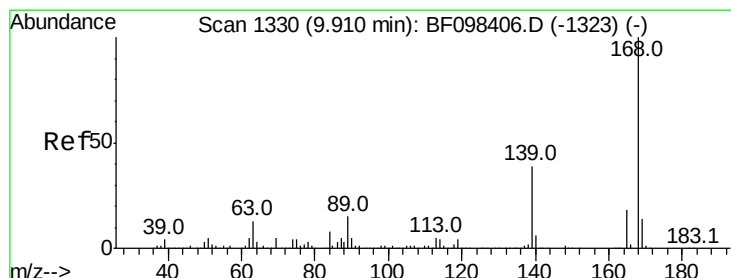
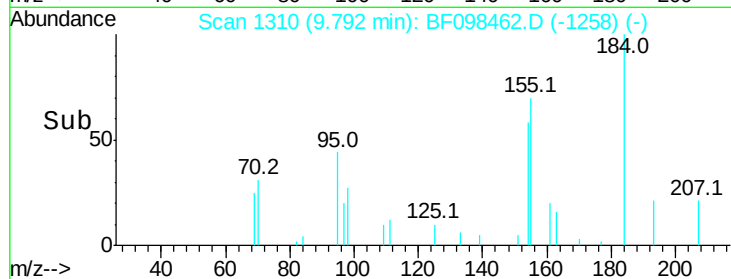
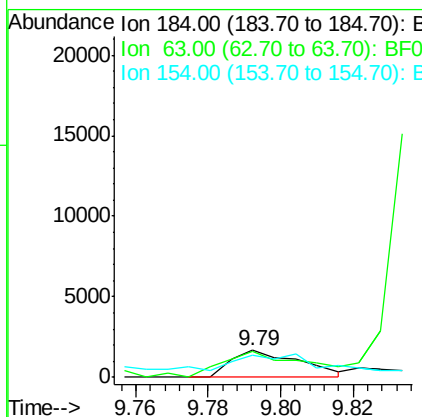
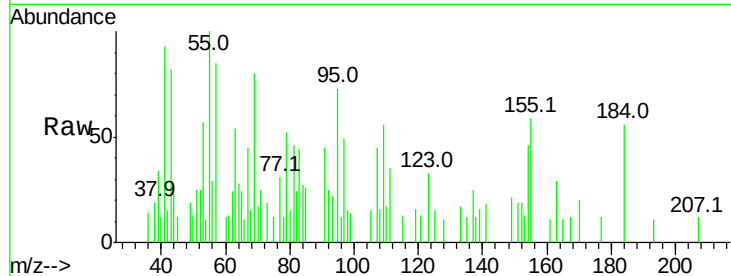




#53
2,4-Dinitrophenol
Concen: 9.387 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

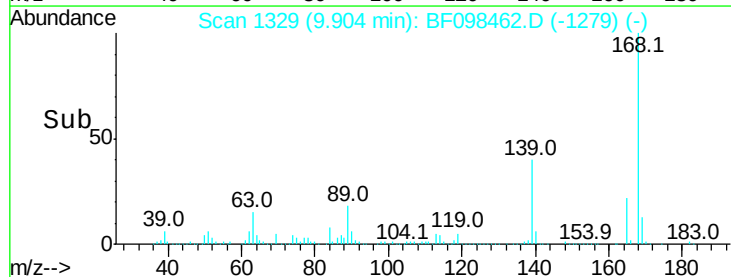
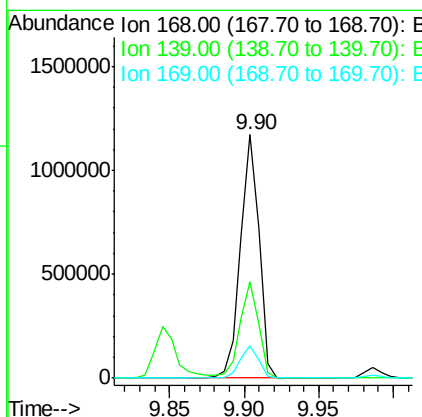
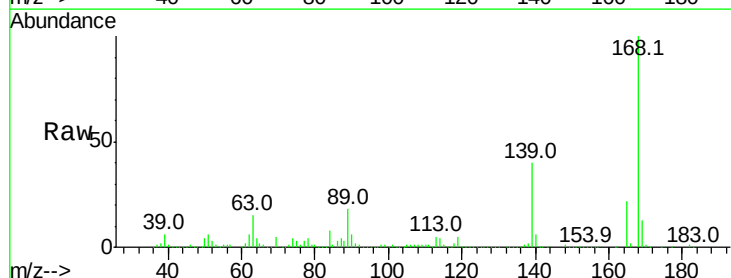
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

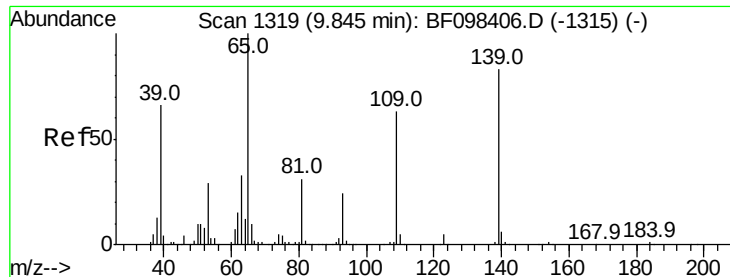
Tot Ion:184 Resp: 2208
Ion Ratio Lower Upper
184 100
63 98.0 62.7 94.1#
154 83.6 81.1 121.7



#54
Dibenzofuran
Concen: 41.972 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:168 Resp: 1017024
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 76.092 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

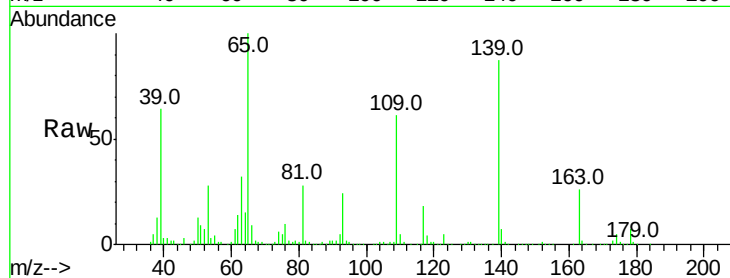
Tot Ion:139 Resp: 255453

Ion Ratio Lower Upper

139 100

109 69.8 34.1 74.1

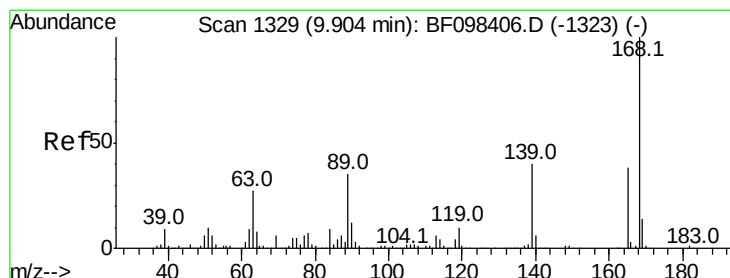
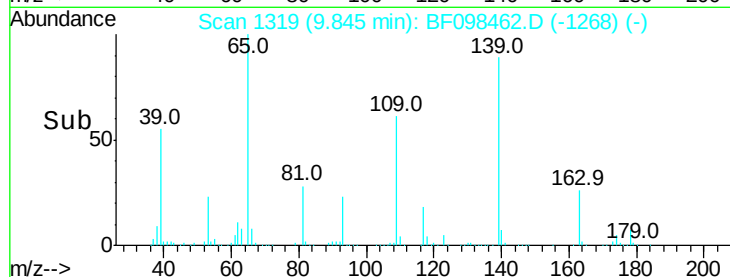
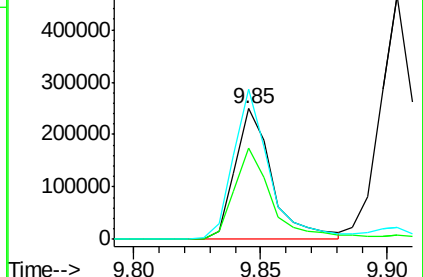
65 114.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.645 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:165 Resp: 215655

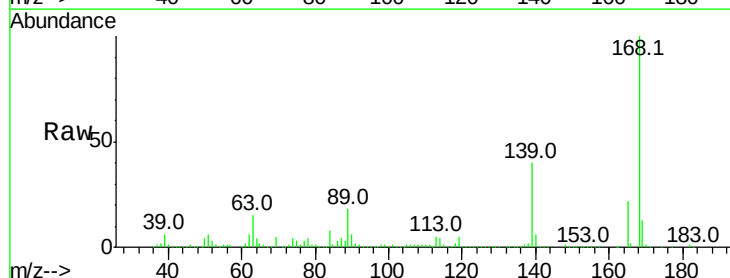
Ion Ratio Lower Upper

165 100

63 71.2 25.4 38.0#

89 81.7 46.4 69.6#

182 2.7 1.8 2.6#

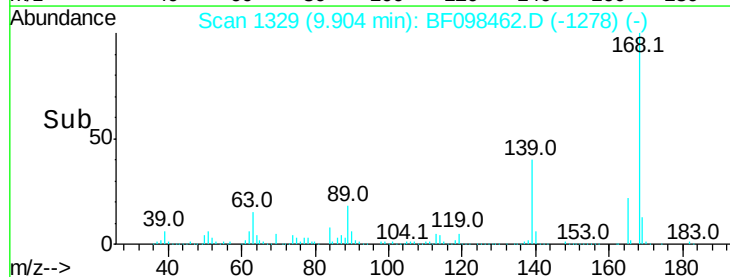
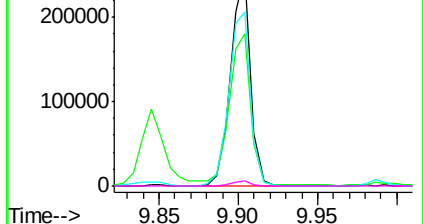


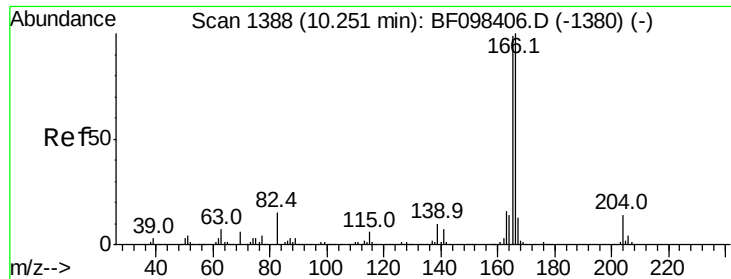
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.158 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

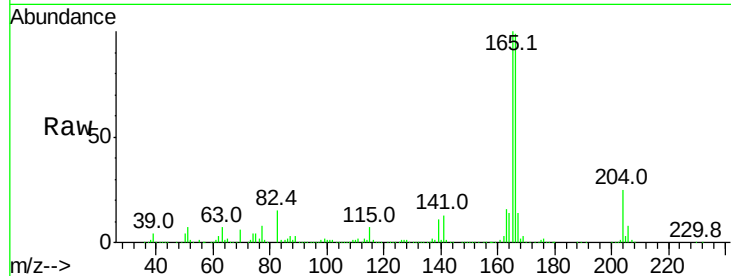
Tot Ion:166 Resp: 765297

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

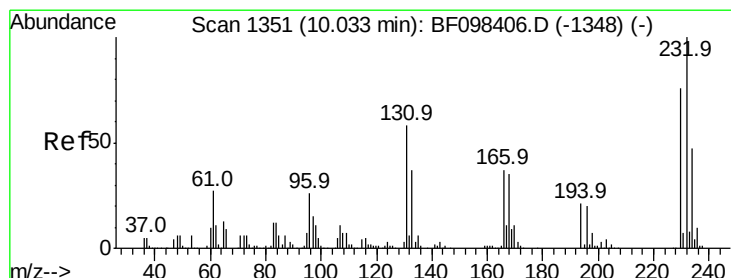
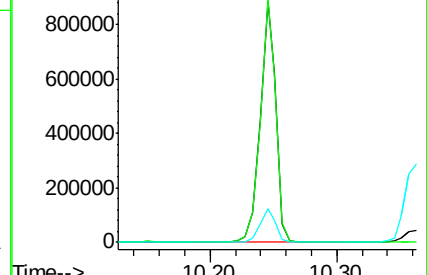
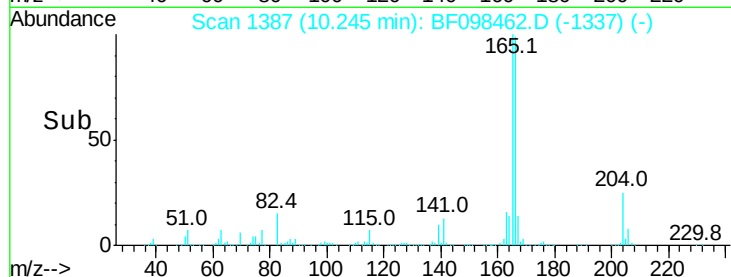
167 14.0 10.6 16.0



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: 44.693 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:232 Resp: 174871

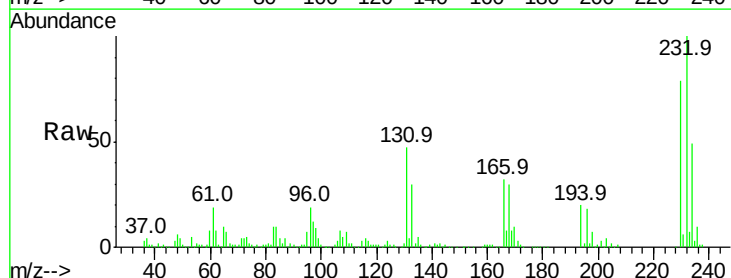
Ion Ratio Lower Upper

232 100

131 51.3 44.8 67.2

130 2.8 2.3 3.5

166 34.3 29.0 43.4

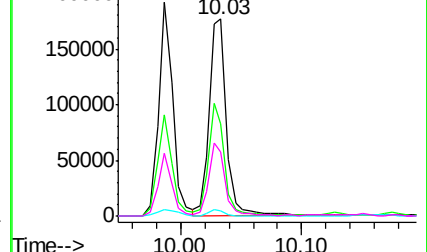
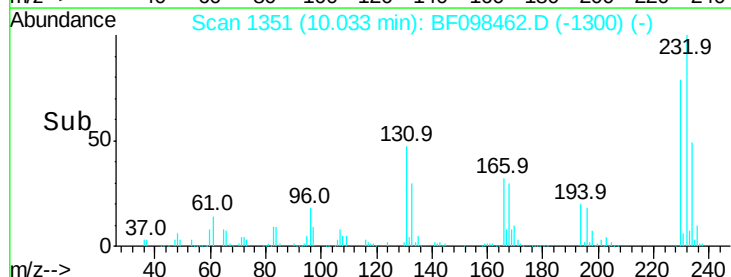


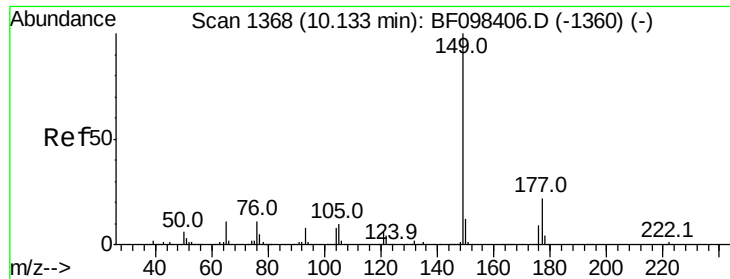
Abundance Ion 232.00 (231.70 to 232.70): E

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

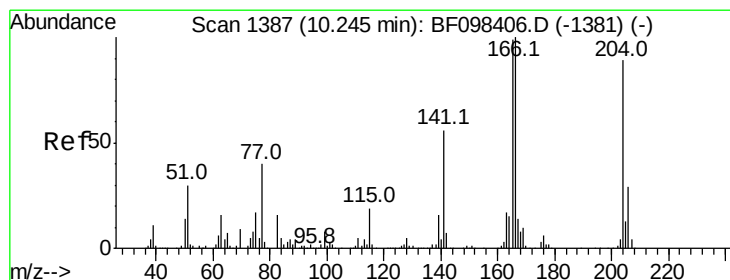
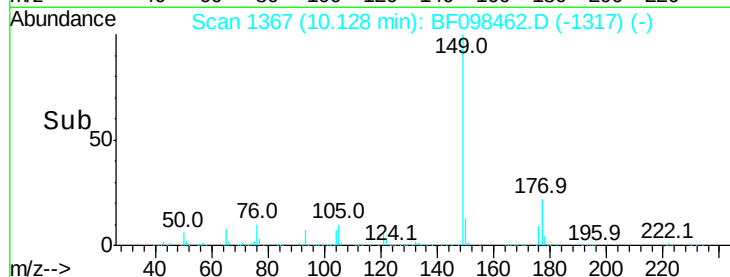
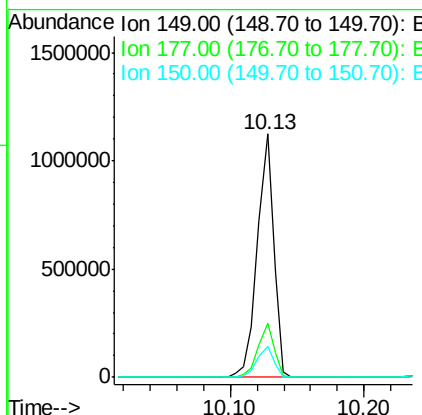
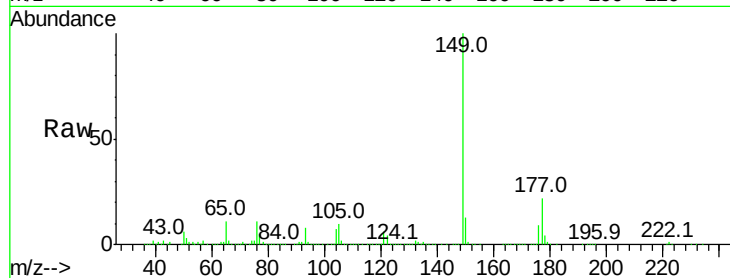




#59
 Diethylphthalate
 Concen: 42.069 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

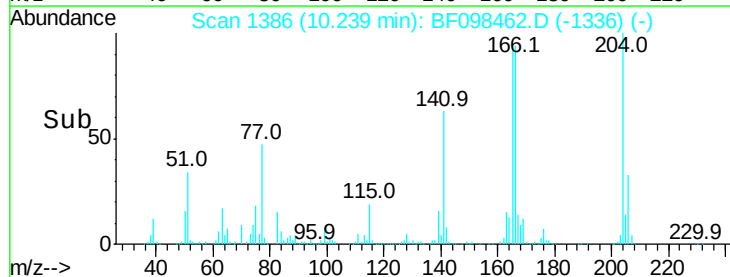
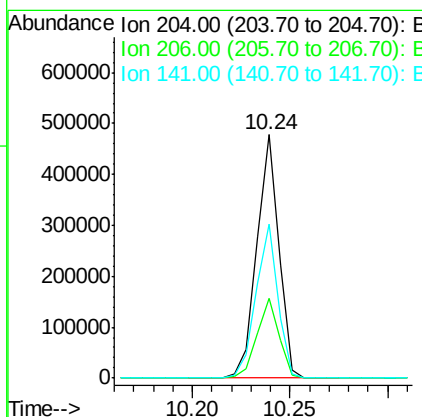
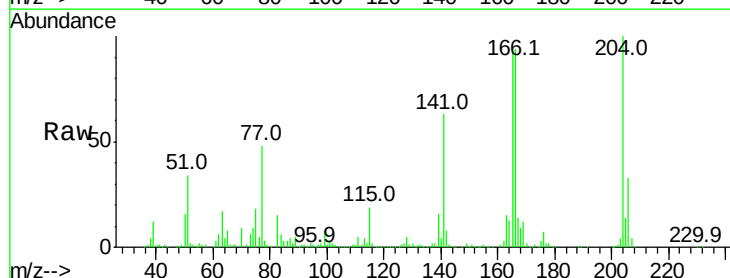
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

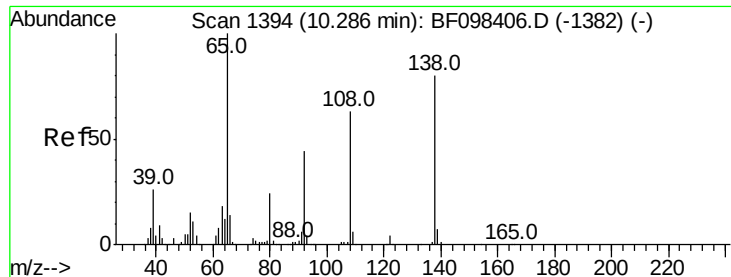
Tot Ion:149	Resp:	942855
Ion Ratio	Lower	Upper
149	100	
177	22.4	16.7 25.1
150	12.7	10.2 15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 40.399 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:204	Resp:	374234
Ion Ratio	Lower	Upper
204	100	
206	33.0	26.2 39.2
141	63.4	60.8 91.2





#61

4-Nitroaniline

Concen: 38.374 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

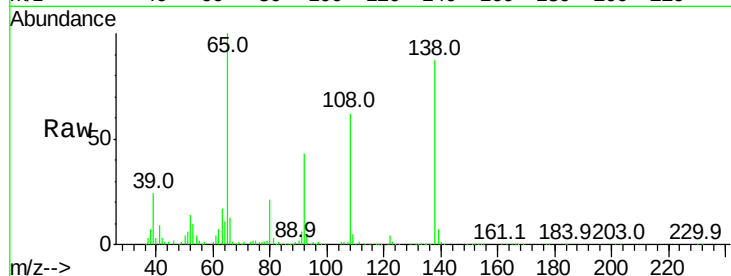
Tot Ion:138 Resp: 226451

Ion Ratio Lower Upper

138 100

92 49.2 21.8 61.8

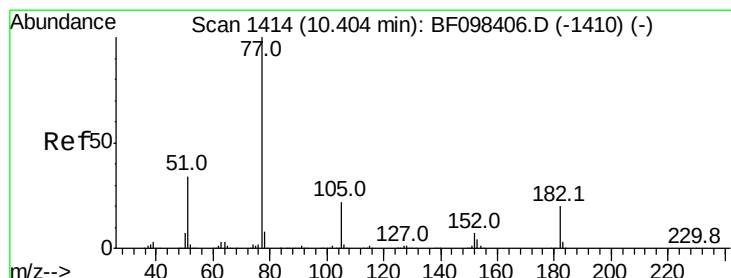
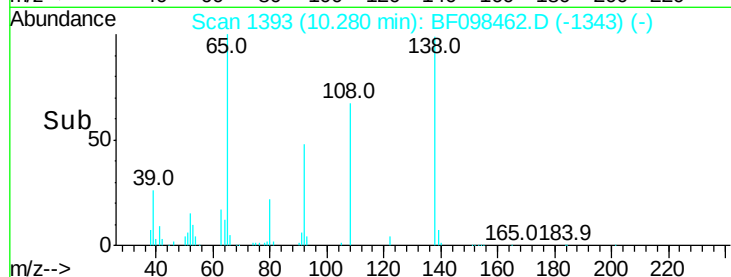
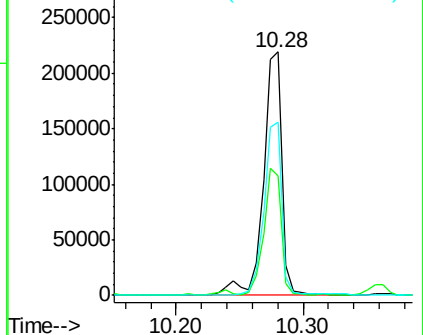
108 71.3 42.3 82.3



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: 36.977 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion: 77 Resp: 893183

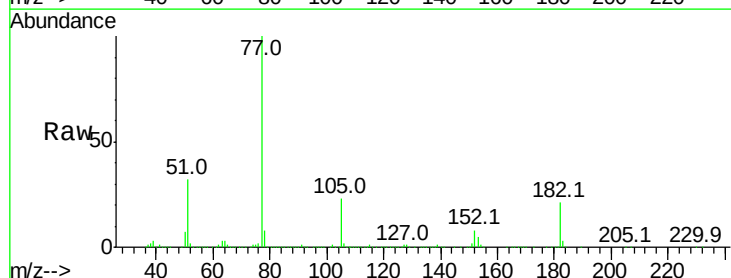
Ion Ratio Lower Upper

77 100

182 21.5 0.1 40.1

105 22.6 3.6 43.6

51 32.4 9.4 49.4

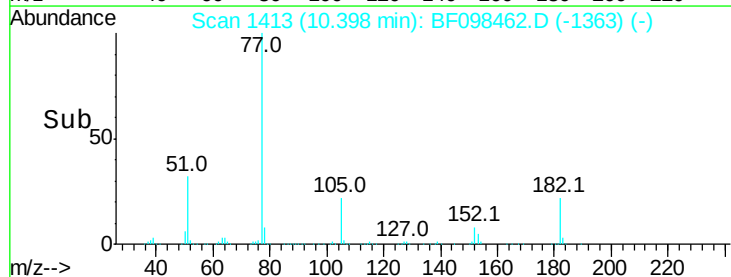
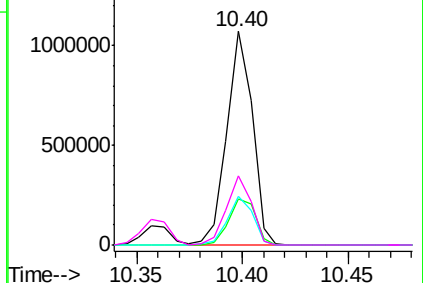


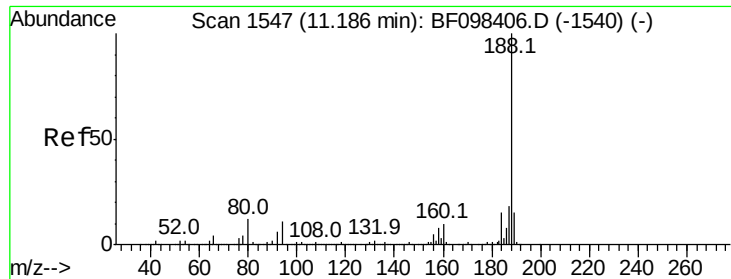
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

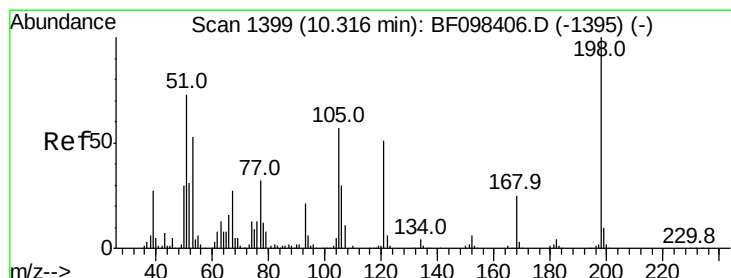
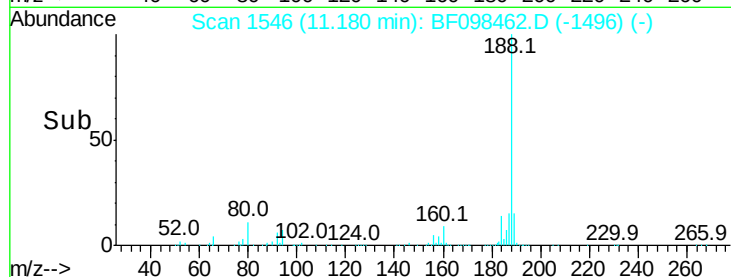
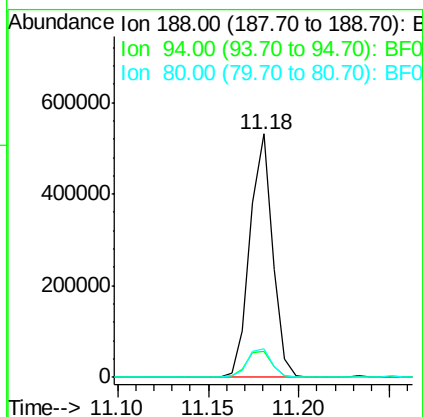
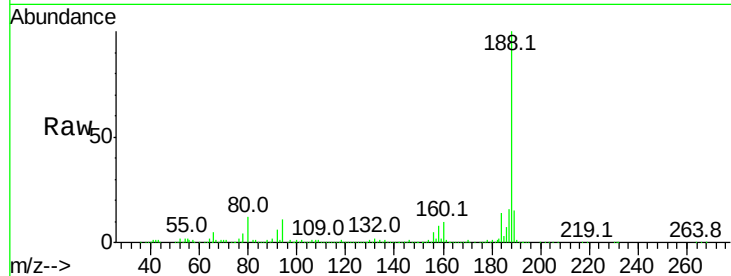




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

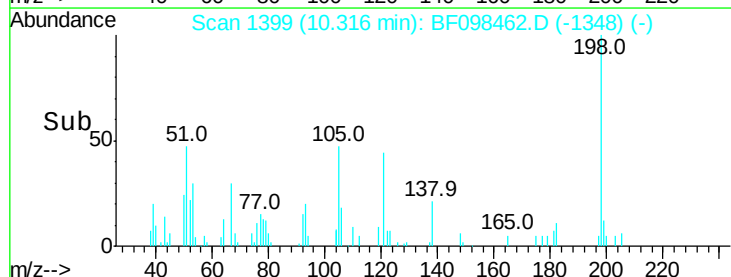
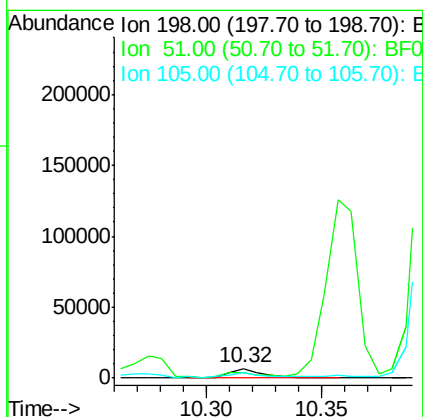
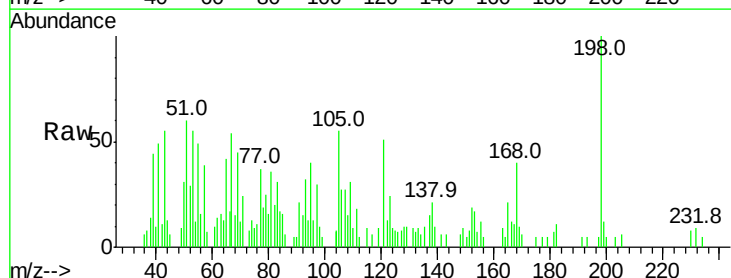
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

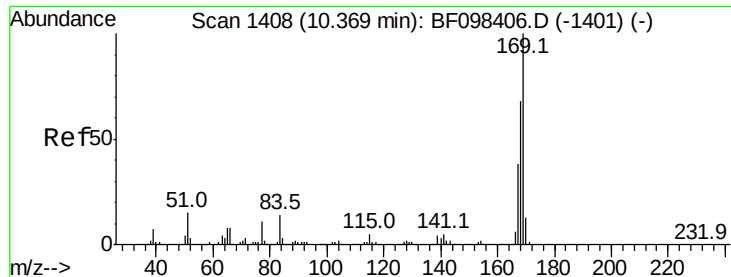
Tot Ion:188 Resp: 461405
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 6.967 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:198 Resp: 6322
Ion Ratio Lower Upper
198 100
51 60.4 53.2 93.2
105 55.2 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.748 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

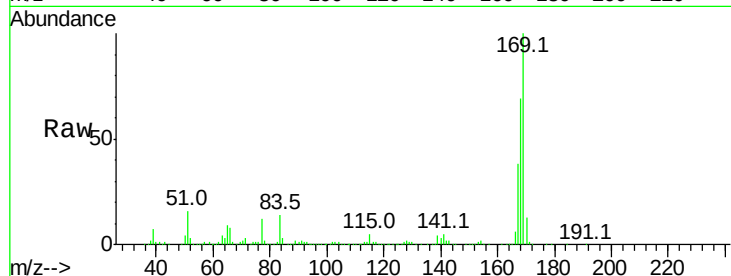
Tot Ion:169 Resp: 700386

Ion Ratio Lower Upper

169 100

168 68.9 53.2 79.8

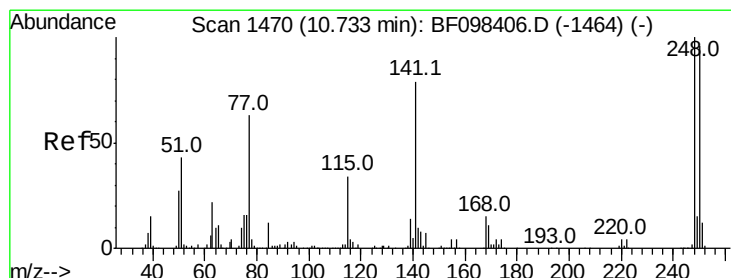
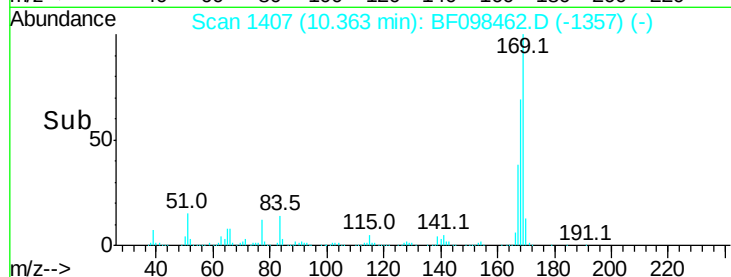
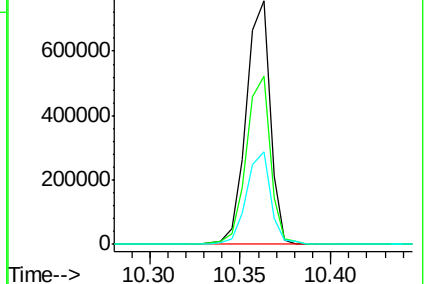
167 38.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.327 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

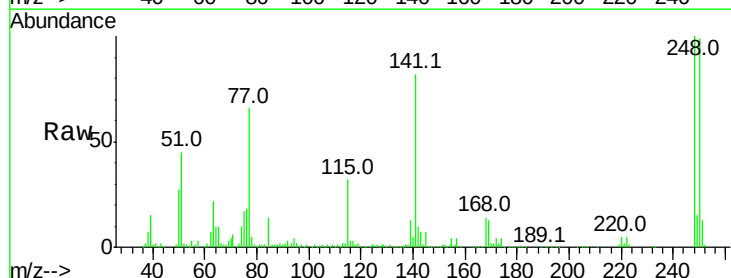
Tgt Ion:248 Resp: 207252

Ion Ratio Lower Upper

248 100

250 99.2 76.8 115.2

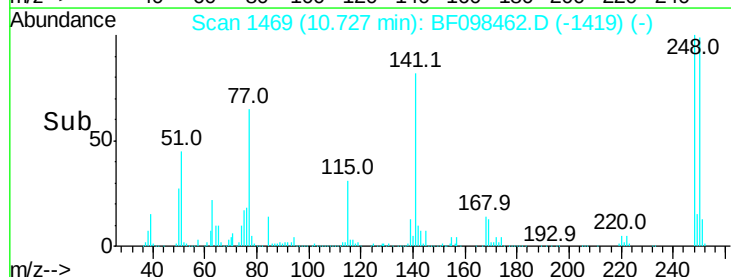
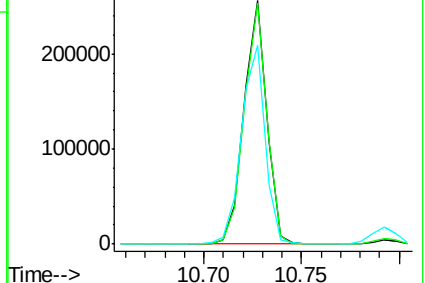
141 81.6 68.6 103.0

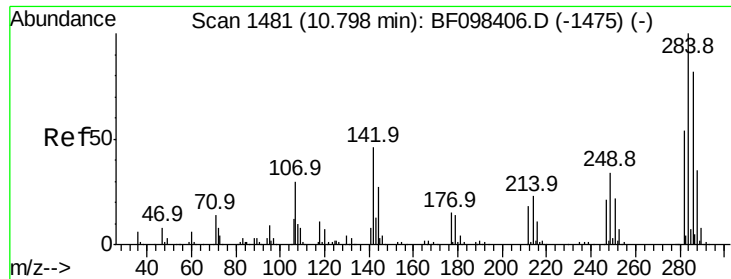


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.823 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

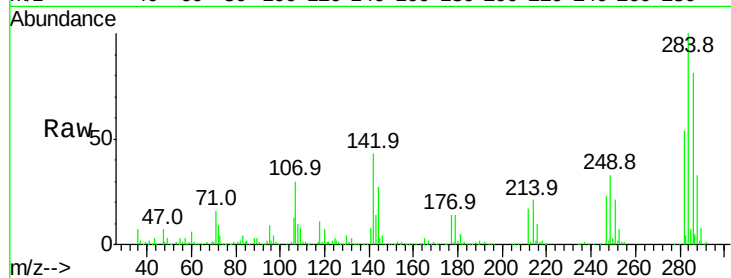
Tot Ion:284 Resp: 190218

Ion Ratio Lower Upper

284 100

142 43.2 22.8 34.2#

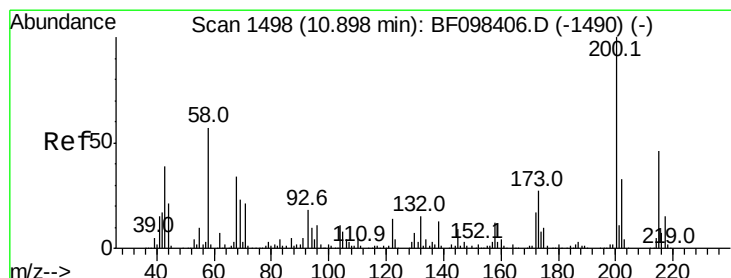
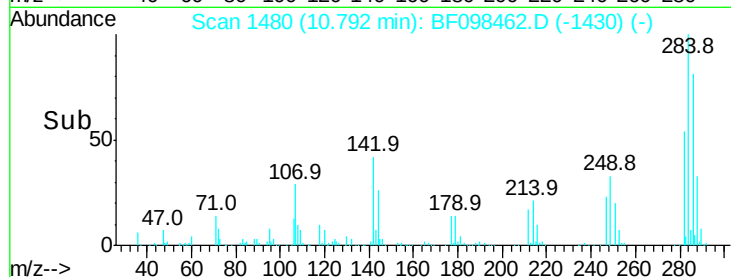
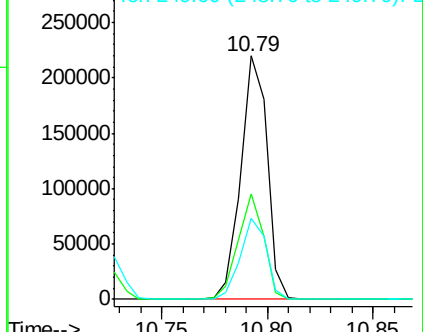
249 33.1 24.0 36.0



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: 43.928 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

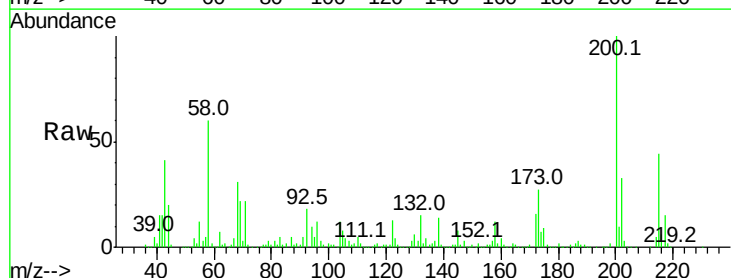
Tgt Ion:200 Resp: 202612

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

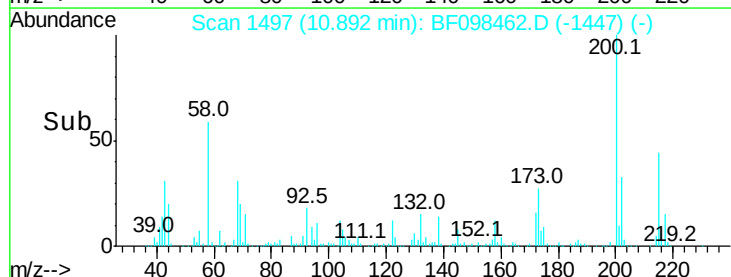
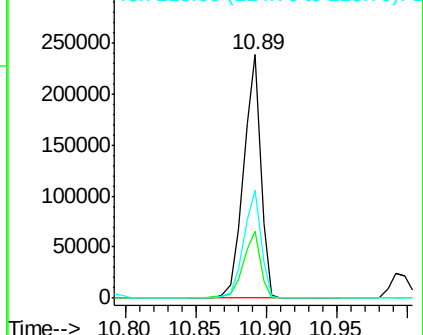
215 44.3 27.2 67.2

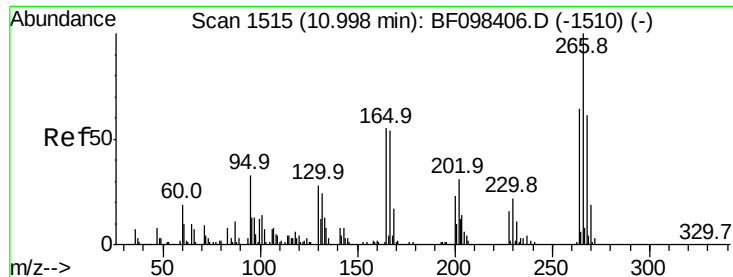


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

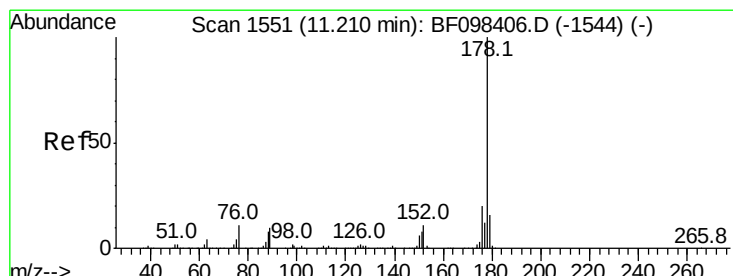
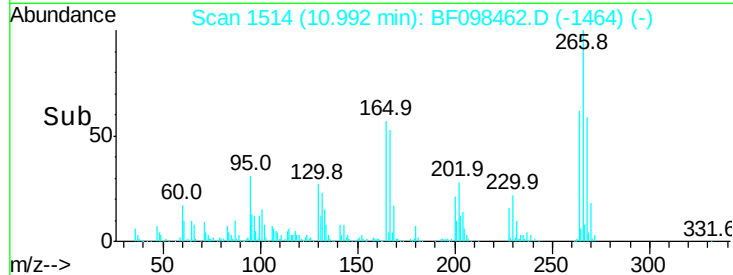
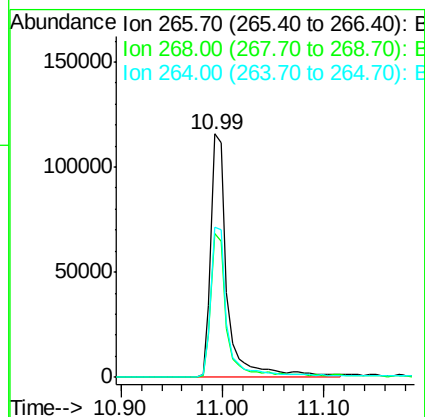
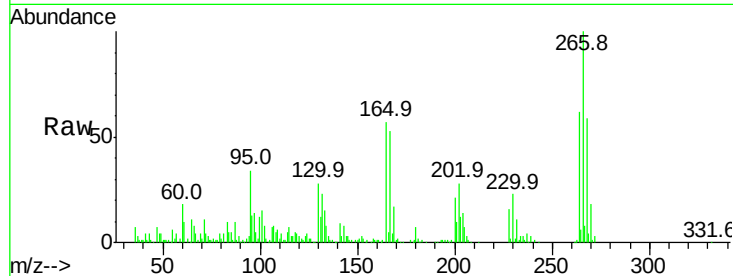




#69
 Pentachlorophenol
 Concen: 68.766 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

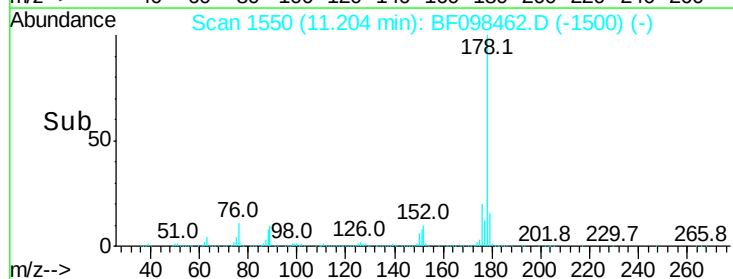
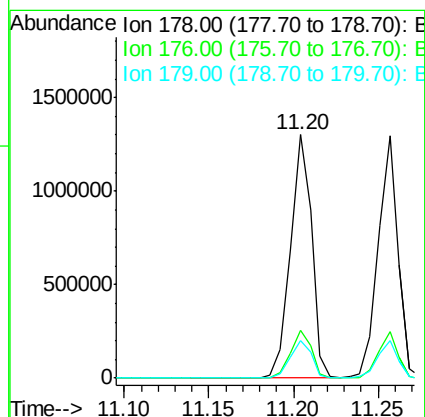
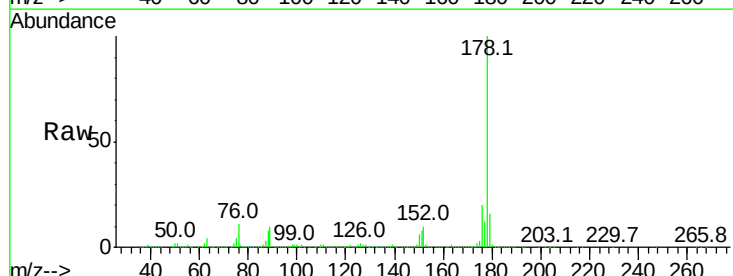
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

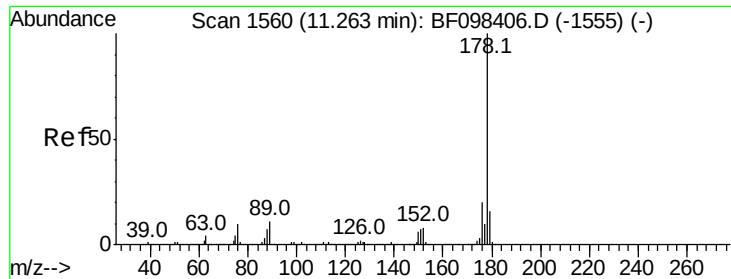
Tot Ion:266 Resp: 133116
 Ion Ratio Lower Upper
 266 100
 268 59.1 51.1 76.7
 264 61.8 51.7 77.5



#70
 Phenanthrene
 Concen: 45.874 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:178 Resp: 1122092
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.7 12.6 19.0

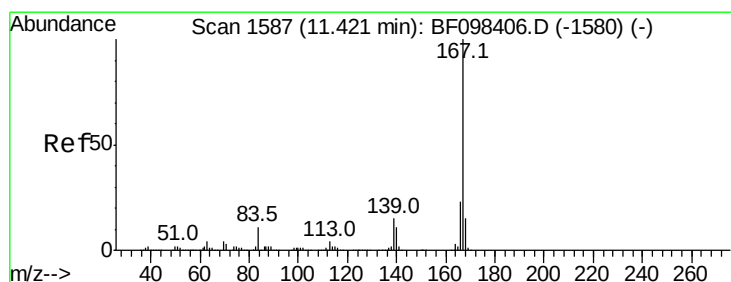
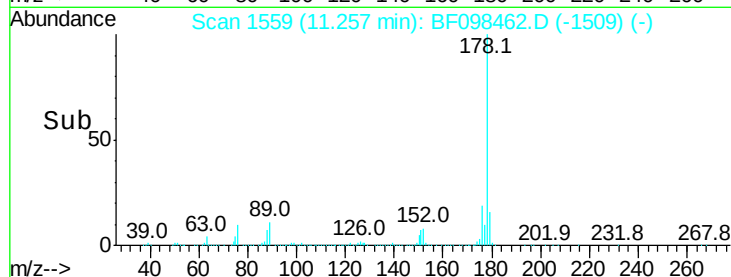
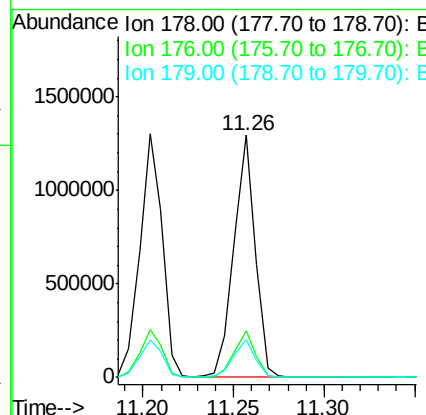
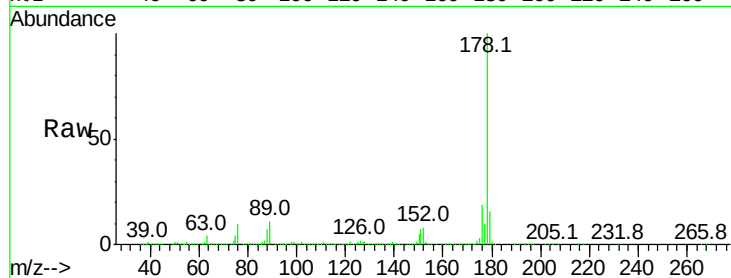




#71
 Anthracene
 Concen: 42.477 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

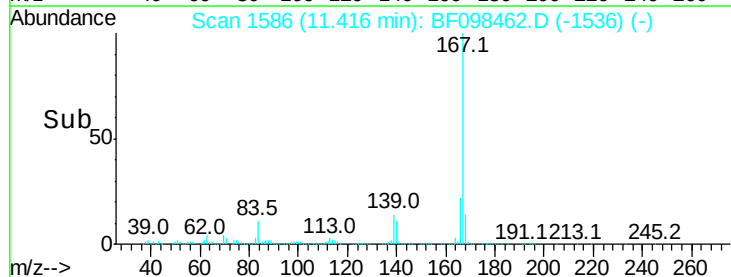
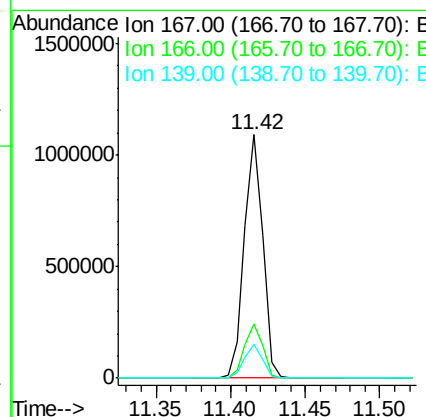
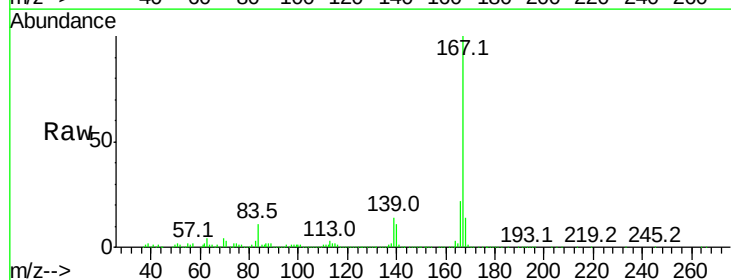
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

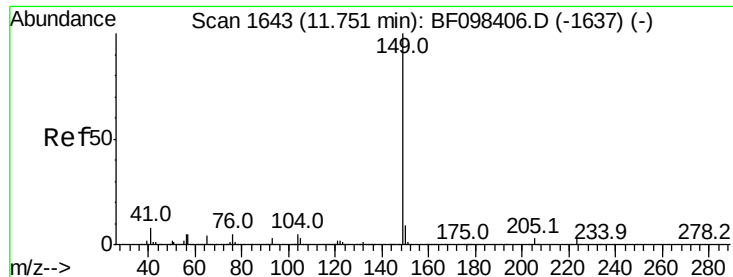
Tot Ion:178 Resp: 1066743
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.367 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:167 Resp: 944785
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.670 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

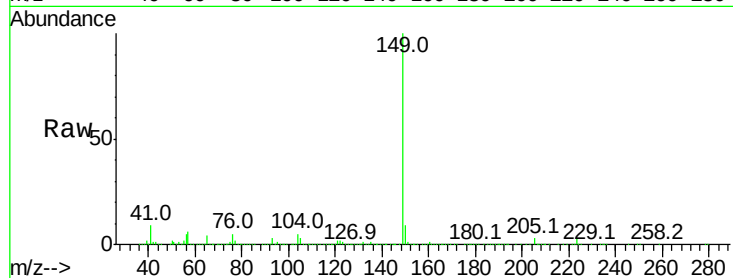
Tot Ion:149 Resp: 1252673

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

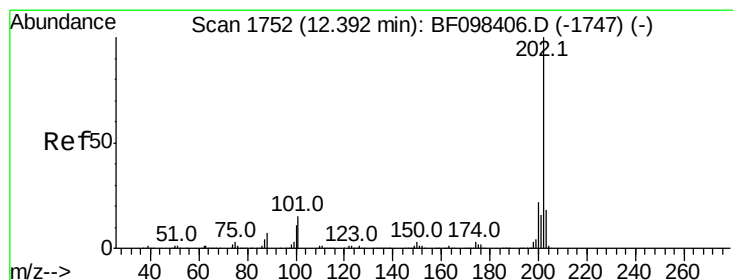
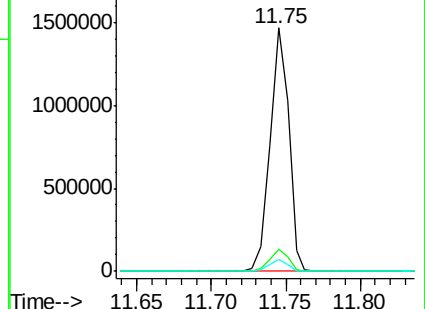
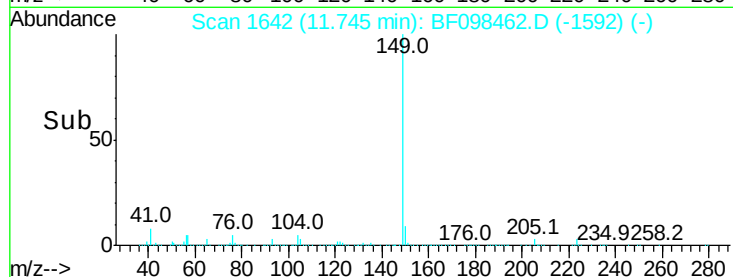
104 5.1 4.0 6.0



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: 46.238 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

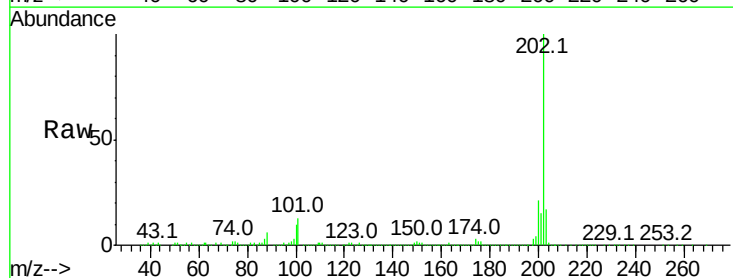
Tgt Ion:202 Resp: 1132226

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

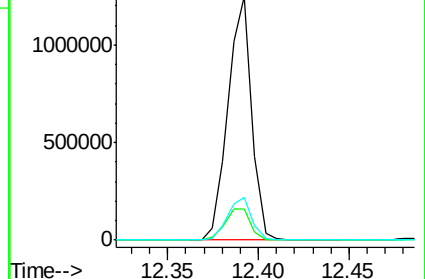
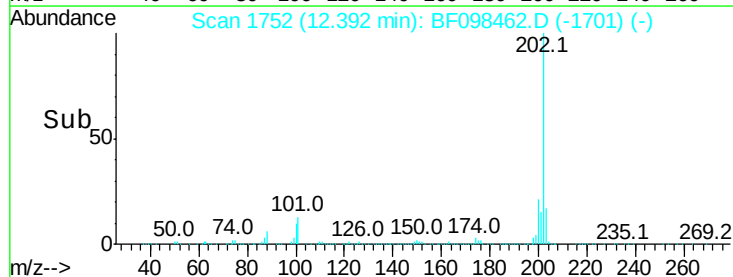
203 17.5 0.0 38.1

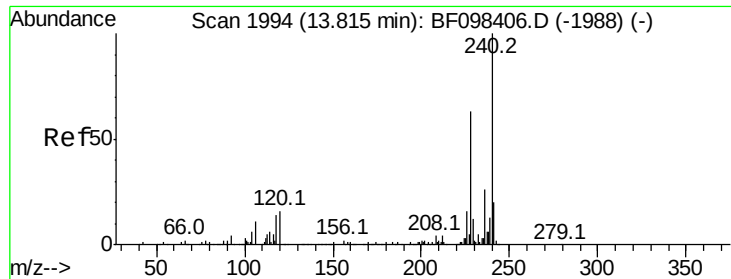


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

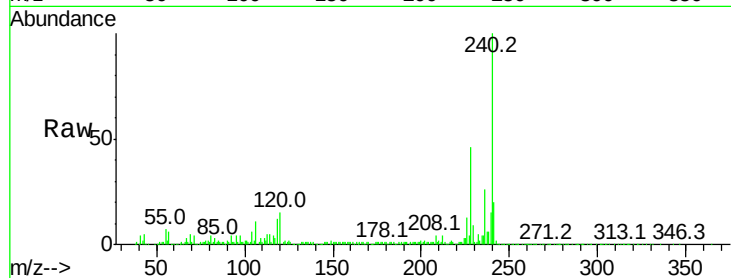
Tot Ion:240 Resp: 334858

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

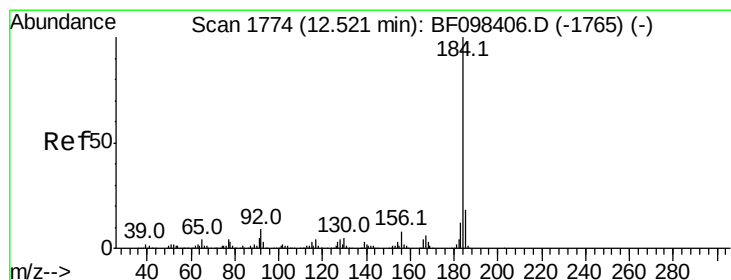
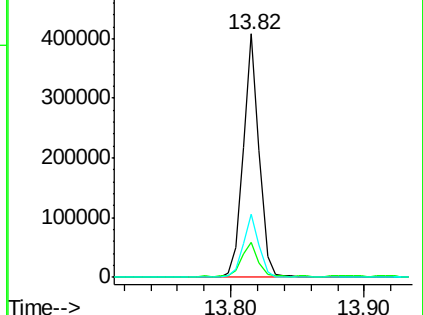
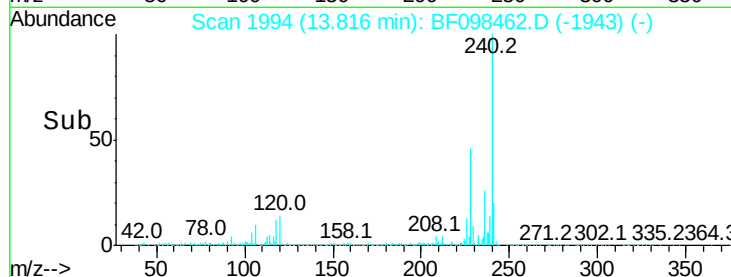
236 25.8 20.5 30.7



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



#76

Benzidine

Concen: 21.728 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

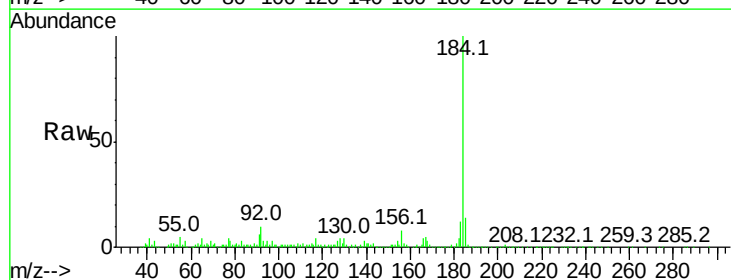
Tgt Ion:184 Resp: 322010

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

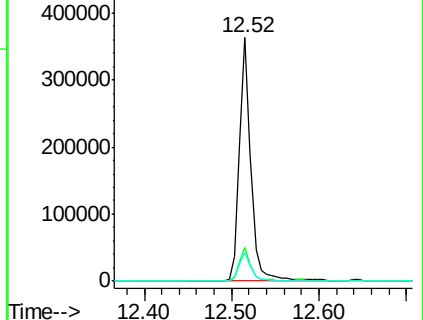
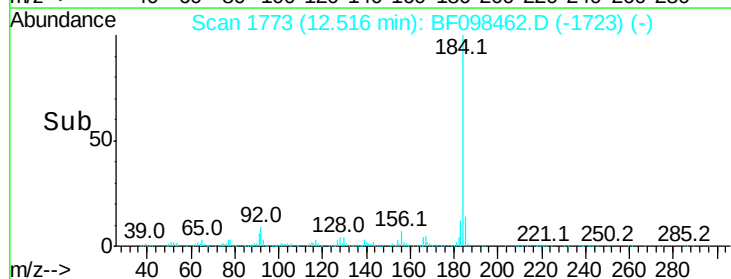
183 11.9 9.8 14.6

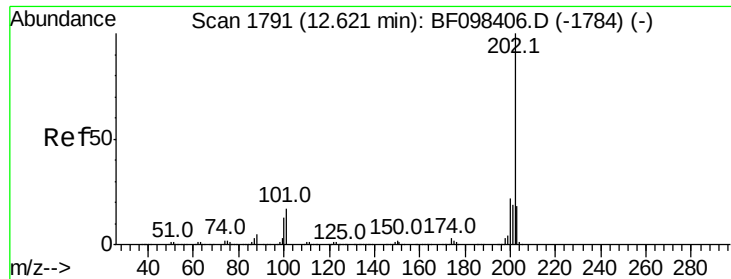


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



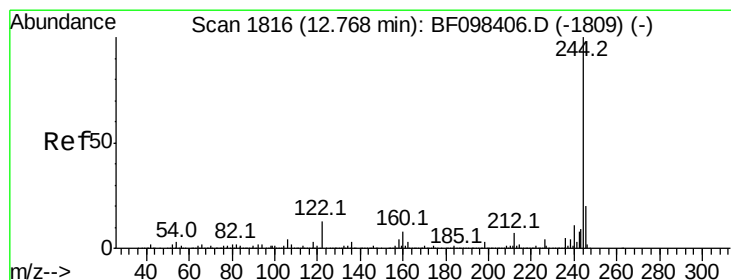
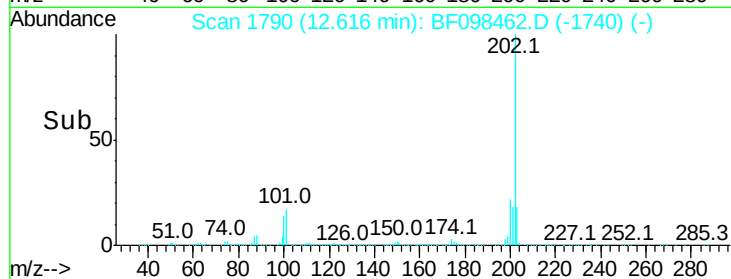
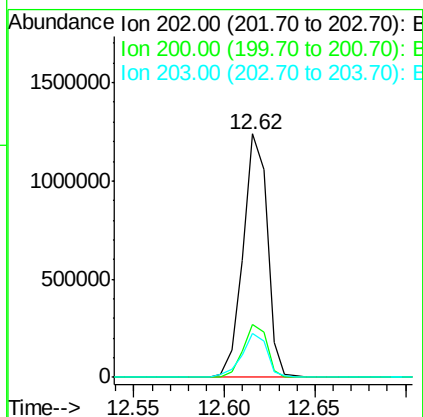
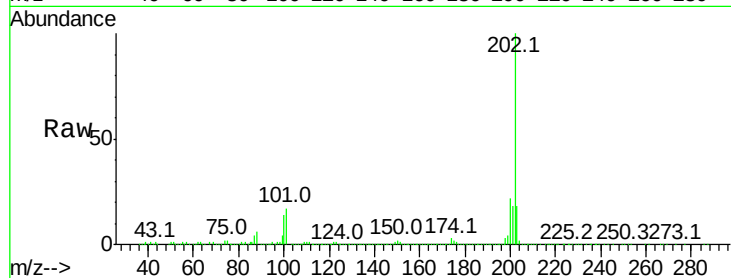


#77
Pvrene
Concen: 43.429 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

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

Tot Ion:202 Resp: 1147212

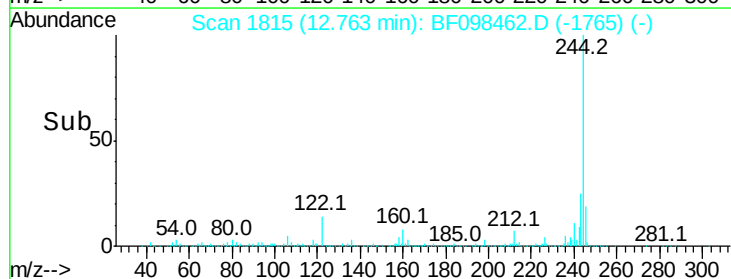
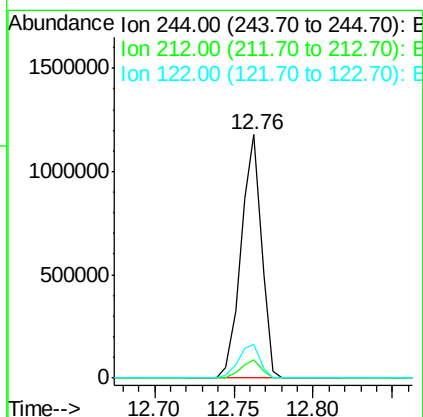
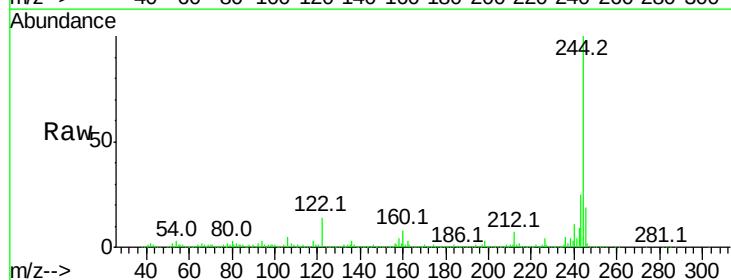
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.0	14.4	21.6

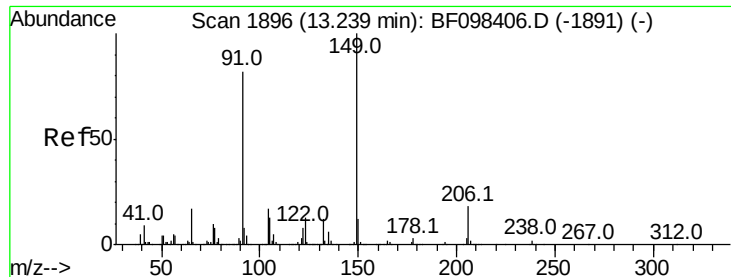


#78
Terphenyl-d14
Concen: 67.531 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:244 Resp: 1047660

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5

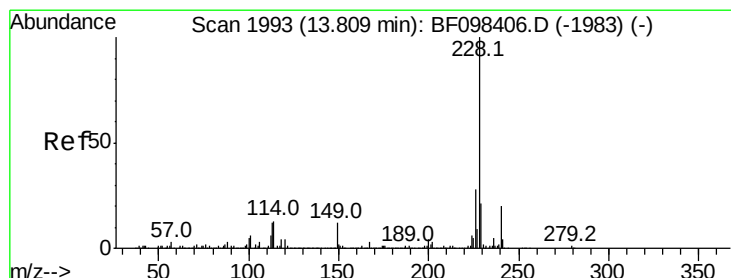
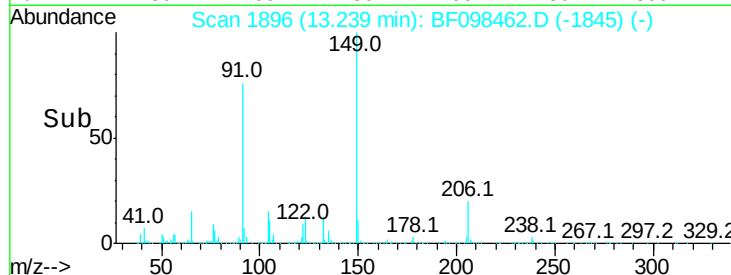
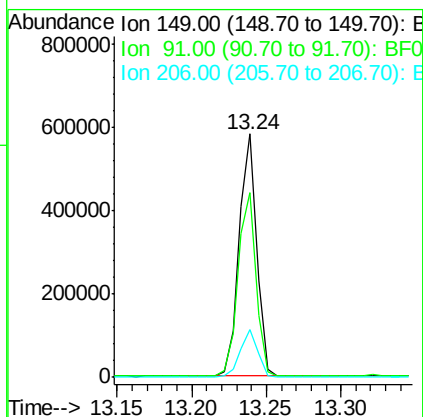
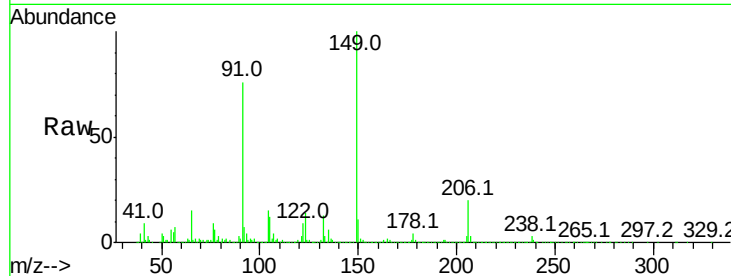




#79
Butylbenzylphthalate
Concen: 41.951 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

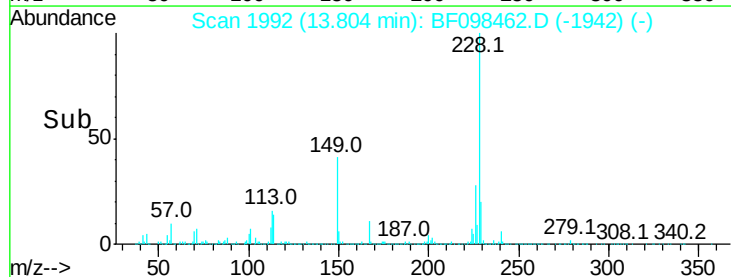
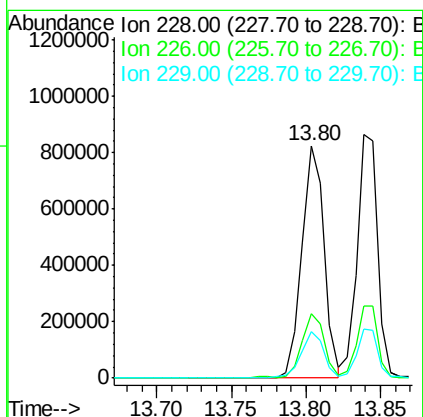
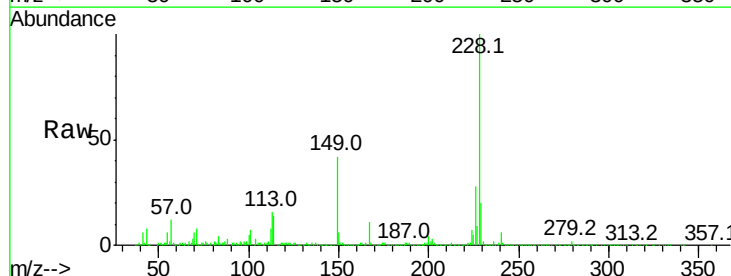
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

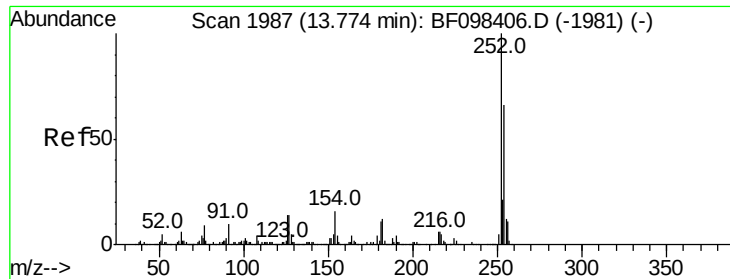
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	45.0	67.4#
206	19.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.237 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	16.3	24.5

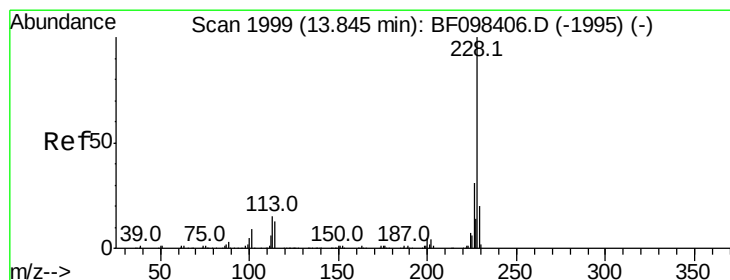
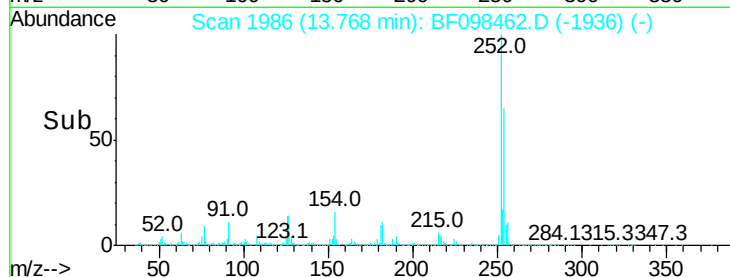
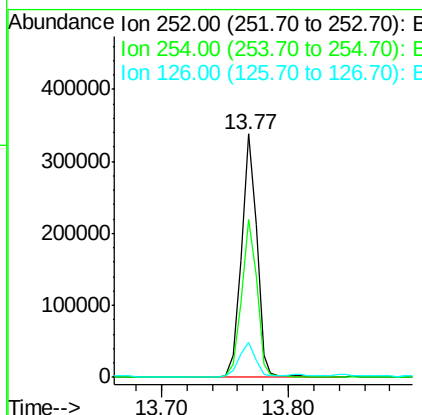
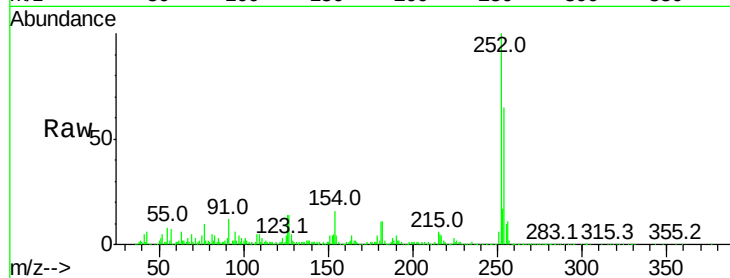




#81
 3,3'-Dichlorobenzidine
 Concen: 36.455 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

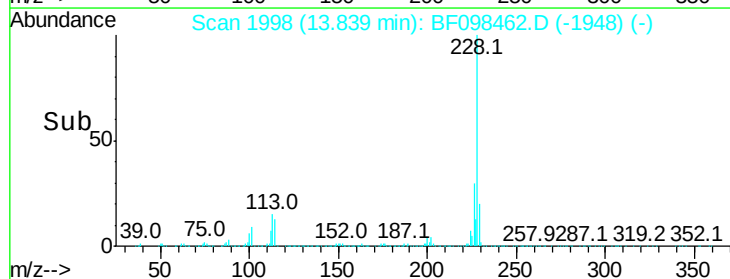
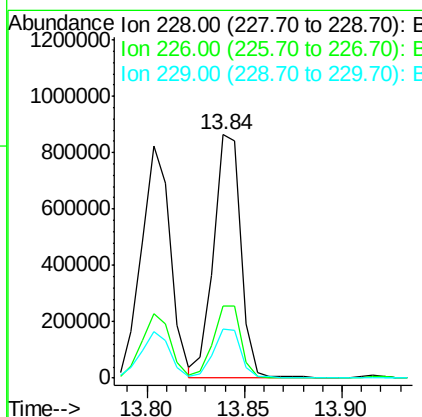
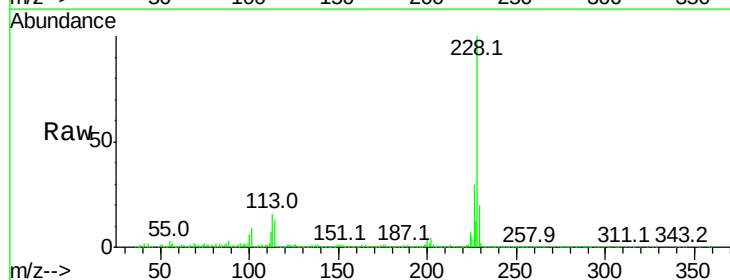
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

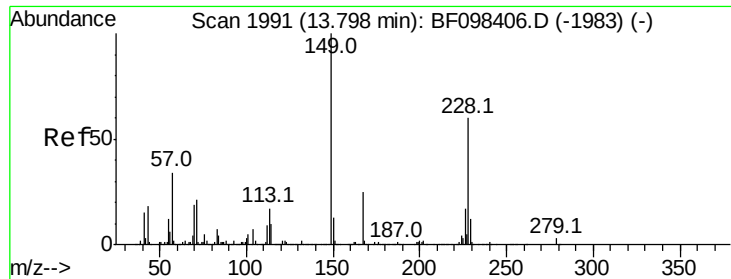
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.5	15.8	23.8#



#82
 Chrysene
 Concen: 41.932 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.2	15.8	23.6

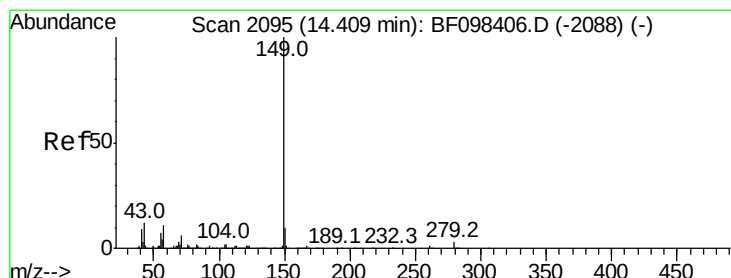
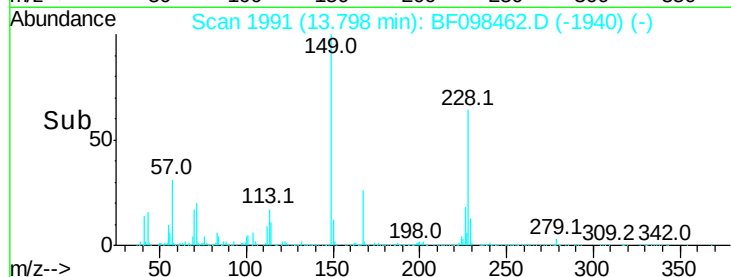
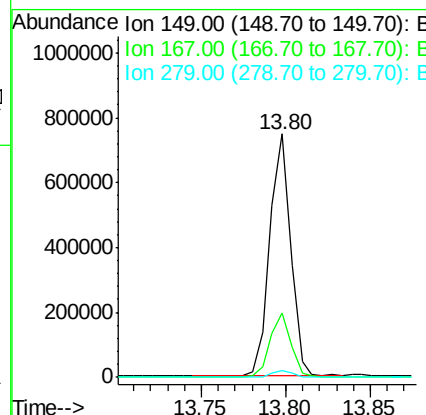
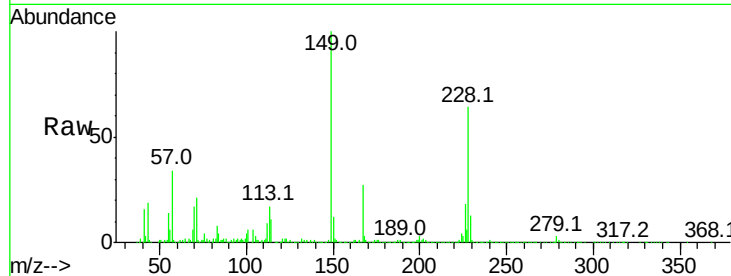




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.800 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

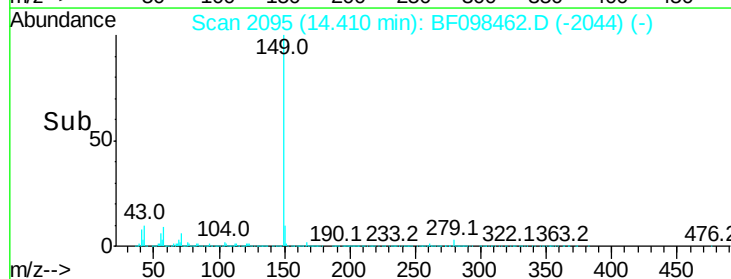
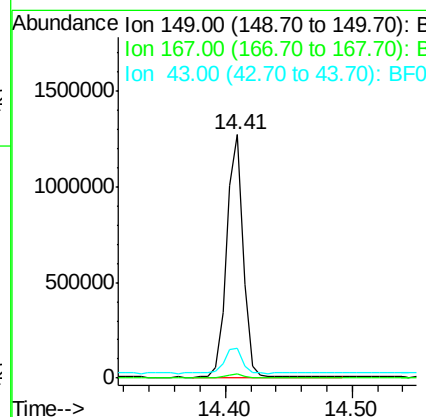
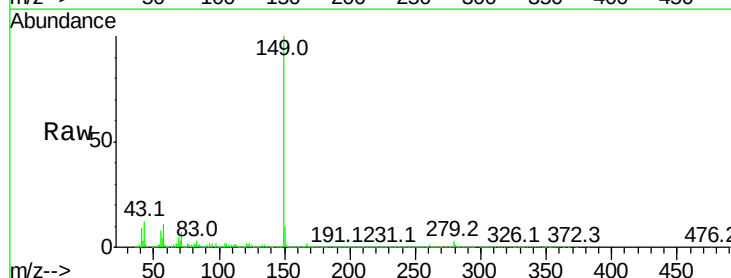
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

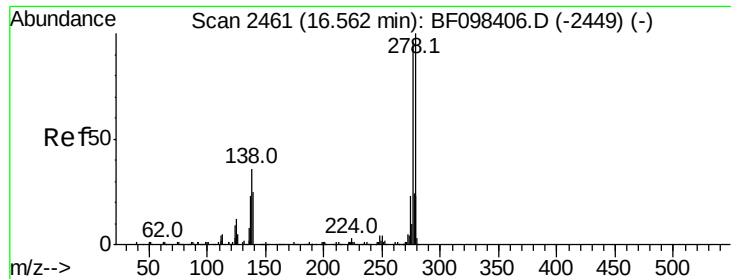
Tot Ion:149 Resp: 644331
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.600 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:149 Resp: 1149914
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.5 8.5 12.7

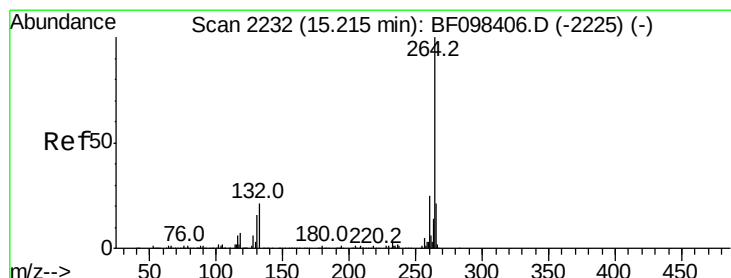
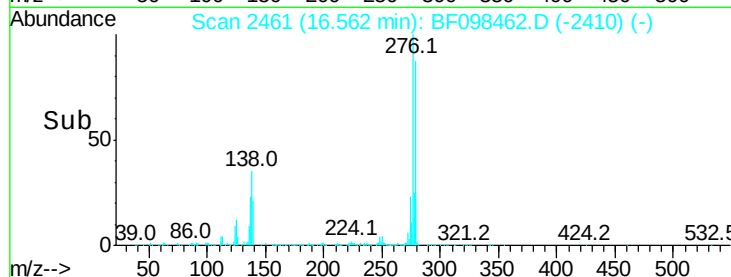
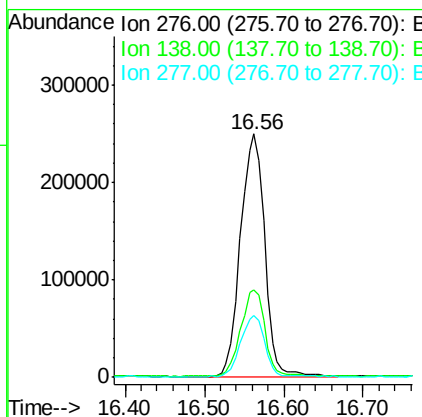
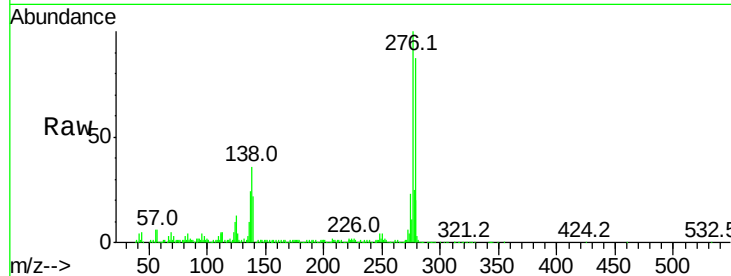




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.065 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

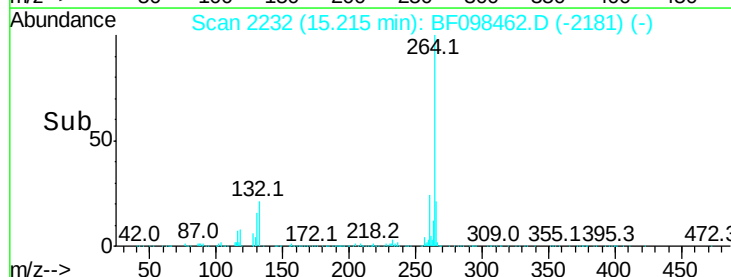
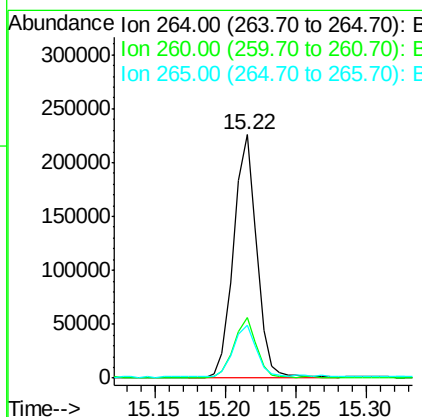
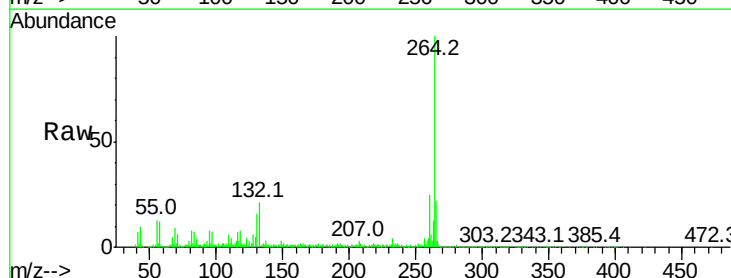
Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

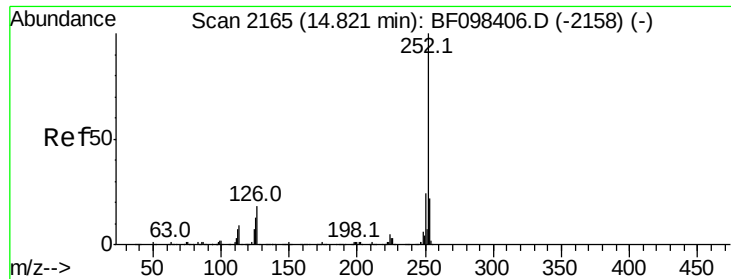
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.226 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.03 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

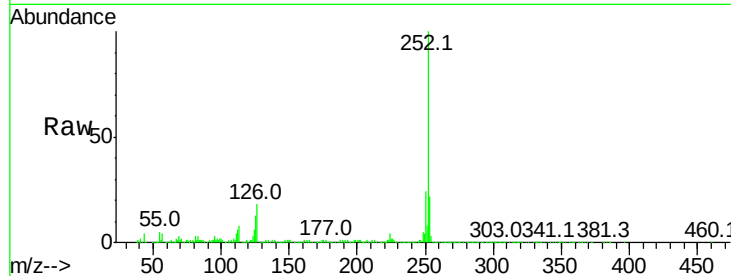
Tot Ion:252 Resp: 651043

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

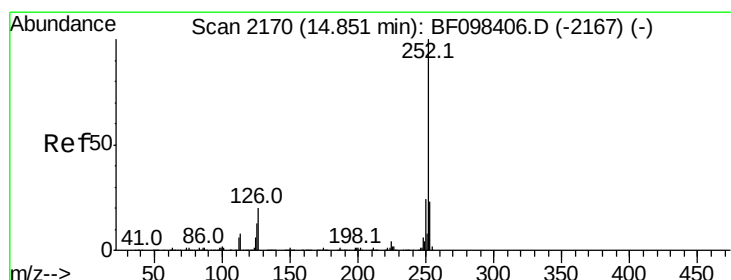
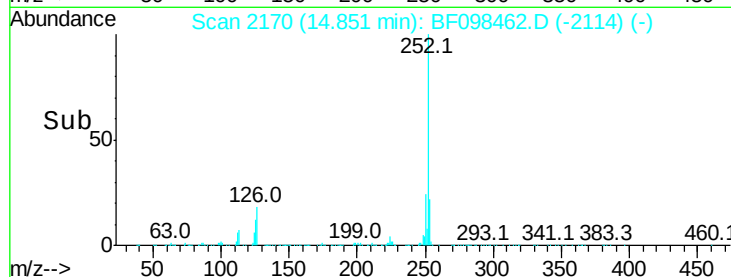
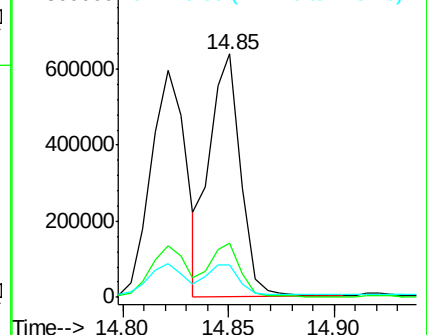
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.089 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

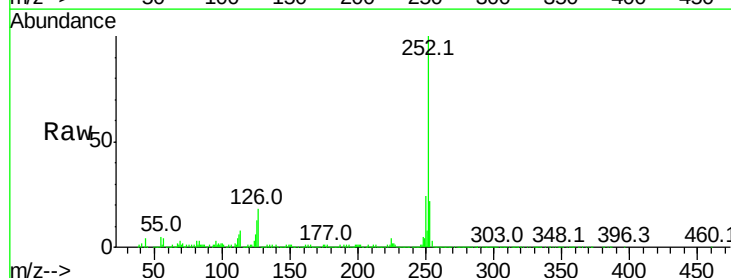
Tgt Ion:252 Resp: 651043

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

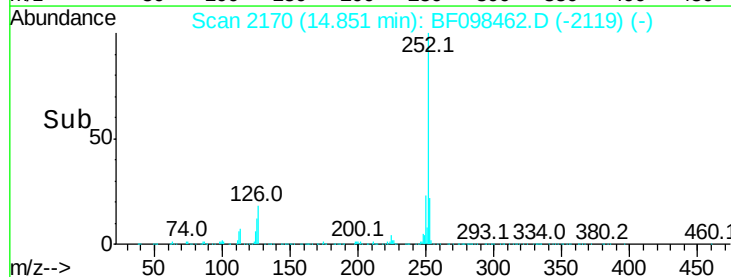
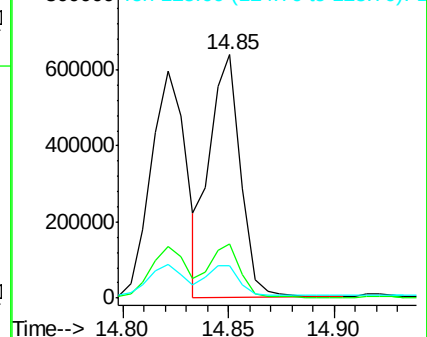
125 13.4 13.1 19.7

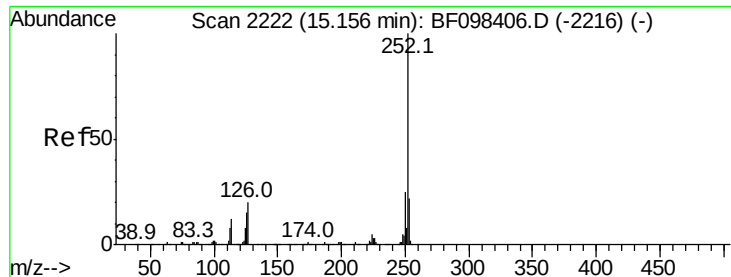


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

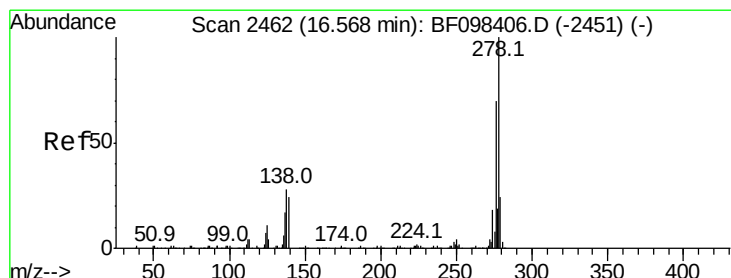
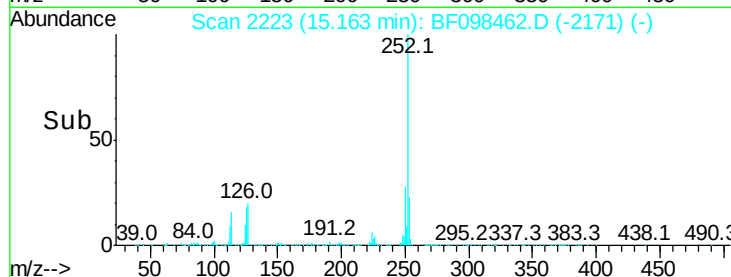
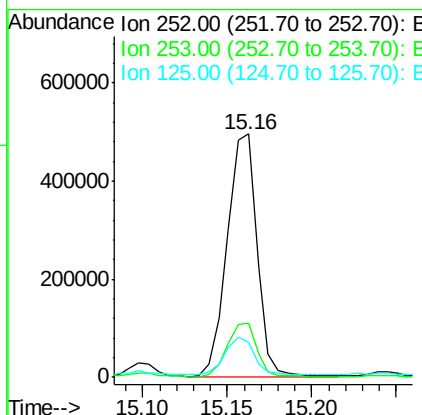
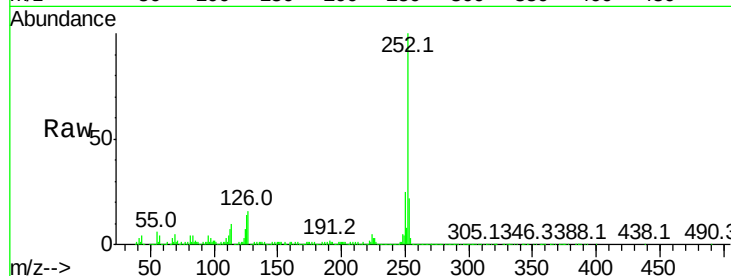




#89
Benzo(a)pyrene
Concen: 42.201 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

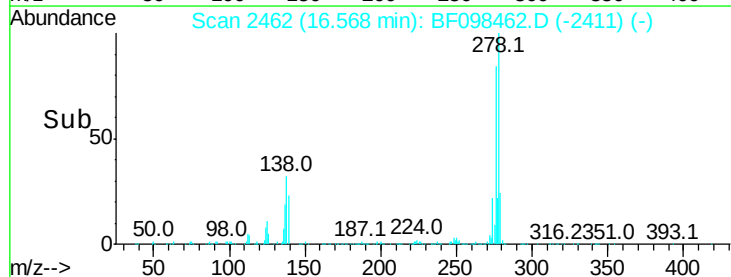
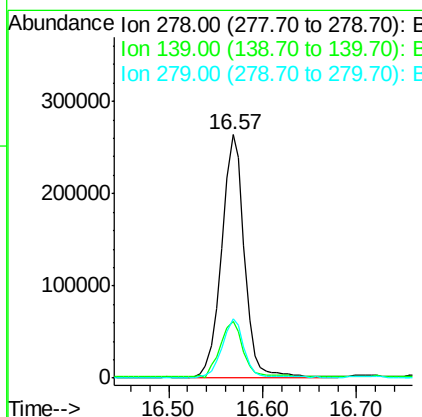
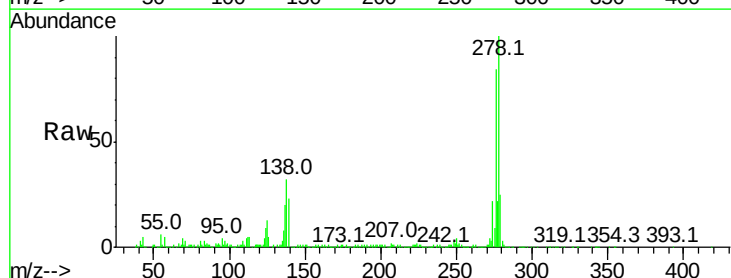
Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

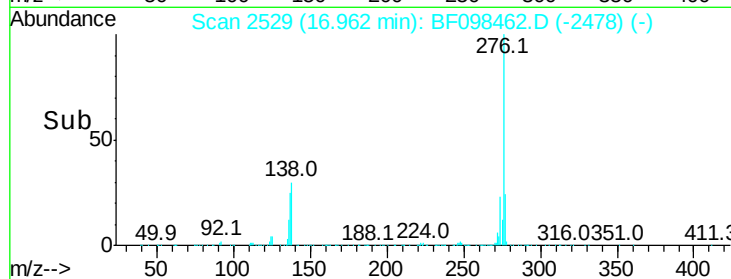
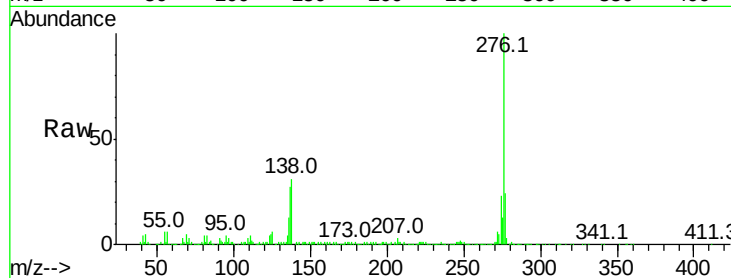
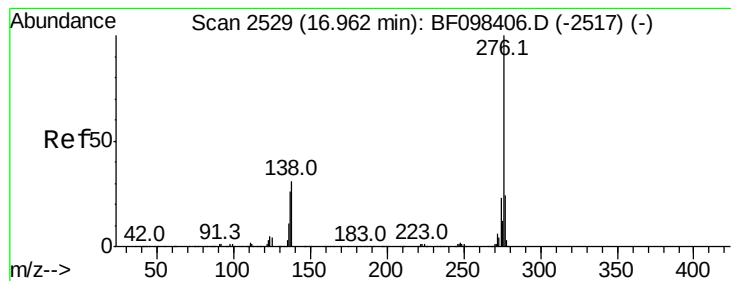
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.372 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	24.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.367 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:276 Resp: 425866

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 30.7 25.4 38.0

