

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098456.D
 Acq On : 12 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Quant Time: Sep 13 00:57:49 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	195250	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	814719	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	354164	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	573550	20.00	ng	0.00
75) Chrysene-d12	13.82	240	361371	20.00	ng	0.00
86) Perylene-d12	15.21	264	314548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1710041	129.49	ng	0.01
7) Phenol-d6	6.32	99	2061212	122.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	1322912	90.52	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	329912	139.57	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2045357	97.88	ng	0.00
78) Terphenyl-d14	12.76	244	1406185	83.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	244573	35.882	ng	90
3) Pyridine	3.06	79	683456	37.758	ng	86
4) n-Nitrosodimethylamine	3.02	42	352012	39.667	ng	95
6) Aniline	6.33	93	684928	32.562	ng	# 40
8) 2-Chlorophenol	6.46	128	609327	41.961	ng	98
9) Benzaldehyde	6.21	77	399773	36.474	ng	91
10) Phenol	6.33	94	770287	39.552	ng	83
11) bis(2-Chloroethyl)ether	6.41	93	611895	41.672	ng	98
12) 1,3-Dichlorobenzene	6.60	146	626115	42.838	ng	98
13) 1,4-Dichlorobenzene	6.68	146	634205	42.362	ng	95
14) 1,2-Dichlorobenzene	6.83	146	576102	42.237	ng	98
15) Benzyl Alcohol	6.82	79	483629	43.341	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	990404	40.994	ng	72
17) 2-Methylphenol	6.94	107	508940	42.981	ng	# 88
18) Hexachloroethane	7.17	117	227884	39.746	ng	# 84
19) n-Nitroso-di-n-propylamine	7.09	70	431845	40.946	ng	97
20) 3+4-Methylphenols	7.09	107	644411	43.124	ng	# 69
22) Acetophenone	7.08	105	867586	41.202	ng	# 93
24) Nitrobenzene	7.25	77	683361	41.052	ng	99
25) Isophorone	7.49	82	1203382	40.699	ng	99
26) 2-Nitrophenol	7.57	139	307770	45.792	ng	# 84
27) 2,4-Dimethylphenol	7.62	122	536262	41.855	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	768589	42.600	ng	99
29) 2,4-Dichlorophenol	7.82	162	479372	44.987	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	508253	43.848	ng	99
31) Naphthalene	7.97	128	1727871	42.901	ng	99
32) Benzoic acid	7.76	122	245237	31.765	ng	98
33) 4-Chloroaniline	8.02	127	558210	34.102	ng	99
34) Hexachlorobutadiene	8.08	225	262609	44.132	ng	97
35) Caprolactam	8.40	113	94249	25.650	ng	# 62
36) 4-Chloro-3-methylphenol	8.52	107	537123	40.645	ng	85
37) 2-Methylnaphthalene	8.66	142	1112214	45.589	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	464496	42.104	ng	100
40) Hexachlorocyclopentadiene	8.81	237	143083	48.677	ng	99

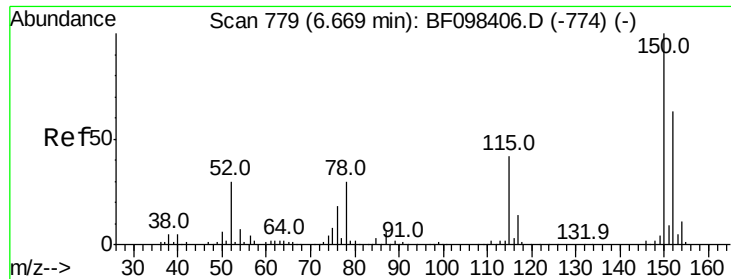
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098456.D
 Acq On : 12 Sep 2017 17:59
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	296986	45.832	ng	92
43) 2,4,5-Trichlorophenol	8.99	196	312586	46.152	ng	94
45) 1,1'-Biphenyl	9.13	154	1304125	41.140	ng	98
46) 2-Chloronaphthalene	9.15	162	988071	43.644	ng	94
47) 2-Nitroaniline	9.25	65	388042	44.657	ng	94
48) Acenaphthylene	9.56	152	1411198	41.924	ng	99
49) Dimethylphthalate	9.43	163	1187555	43.317	ng	99
50) 2,6-Dinitrotoluene	9.50	165	252748	44.882	ng	# 81
51) Acenaphthene	9.73	154	892932	41.731	ng	99
52) 3-Nitroaniline	9.66	138	234525	34.500	ng	97
53) 2,4-Dinitrophenol	9.78	184	43733	23.203	ng	# 77
54) Dibenzofuran	9.90	168	1229706	43.624	ng	97
55) 4-Nitrophenol	9.85	139	330747	84.686	ng	# 51
56) 2,4-Dinitrotoluene	9.90	165	289897	42.343	ng	# 55
57) Fluorene	10.25	166	951071	40.763	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	221667	48.699	ng	95
59) Diethylphthalate	10.13	149	1115688	42.791	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	464372	43.090	ng	88
61) 4-Nitroaniline	10.28	138	267367	38.946	ng	88
62) Azobenzene	10.40	77	1153412	41.046	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	44444	16.291	ng	# 75
65) n-Nitrosodiphenylamine	10.36	169	879073	47.202	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	267384	49.120	ng	97
67) Hexachlorobenzene	10.79	284	247544	44.832	ng	# 84
68) Atrazine	10.89	200	275318	48.020	ng	98
69) Pentachlorophenol	10.99	266	199844	81.610	ng	96
70) Phenanthrene	11.20	178	1344034	44.203	ng	99
71) Anthracene	11.26	178	1368514	43.838	ng	99
72) Carbazole	11.42	167	1184526	40.715	ng	99
73) Di-n-butylphthalate	11.75	149	1575057	45.185	ng	100
74) Fluoranthene	12.39	202	1207349	39.665	ng	97
76) Benzidine	12.52	184	902855	56.453	ng	# 93
77) Pyrene	12.62	202	1207603	42.361	ng	99
79) Butylbenzylphthalate	13.24	149	567480	45.886	ng	# 83
80) Benzo(a)anthracene	13.80	228	915717	43.222	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	362364	44.010	ng	# 95
82) Chrysene	13.84	228	909923	42.488	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	732008	47.162	ng	# 100
84) Di-n-octyl phthalate	14.40	149	1278718	48.018	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	663049	44.129	ng	98
87) Benzo(b)fluoranthene	14.82	252	906963	45.857	ng	98
88) Benzo(k)fluoranthene	14.84	252	791575	42.872	ng	97
89) Benzo(a)pyrene	15.16	252	790822	44.882	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	556191	43.393	ng	96
91) Benzo(g,h,i)perylene	16.96	276	531945	41.262	ng	99

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

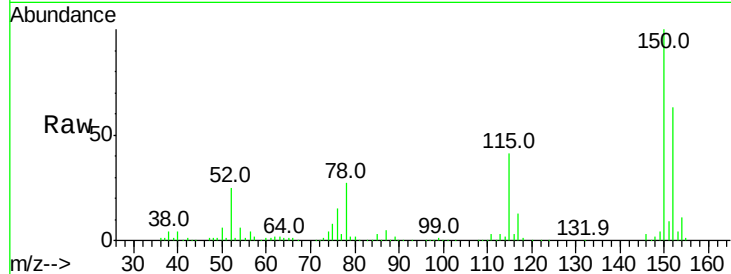


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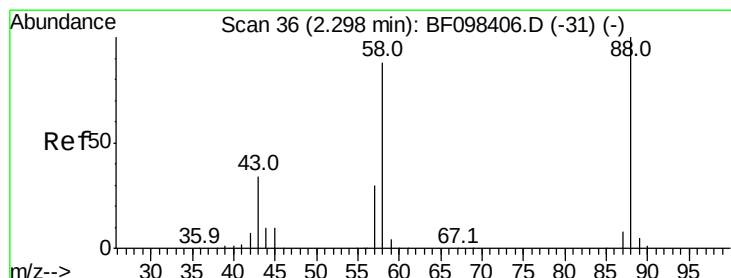
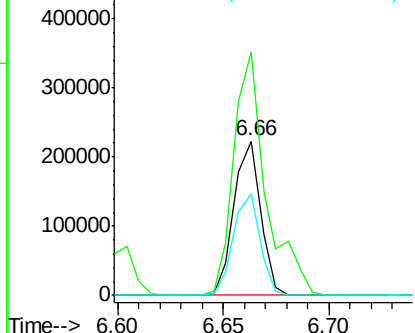
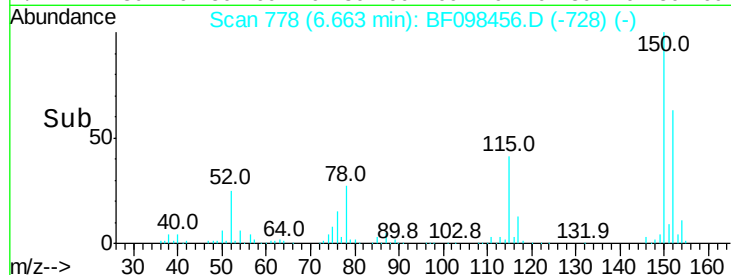
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:152 Resp: 195250
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 65.3 52.2 78.2



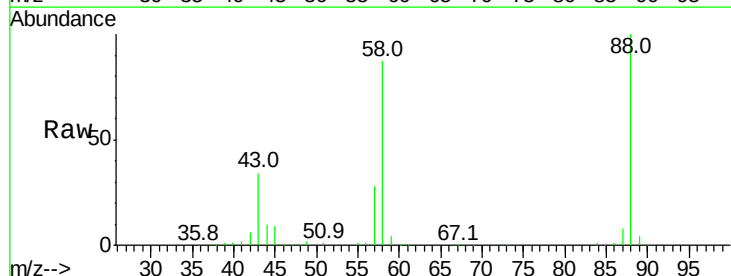
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



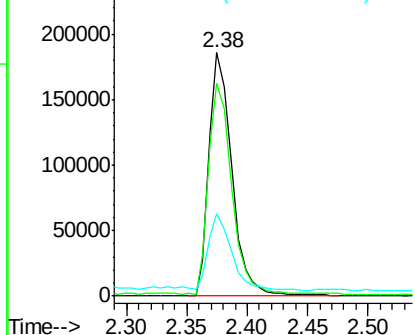
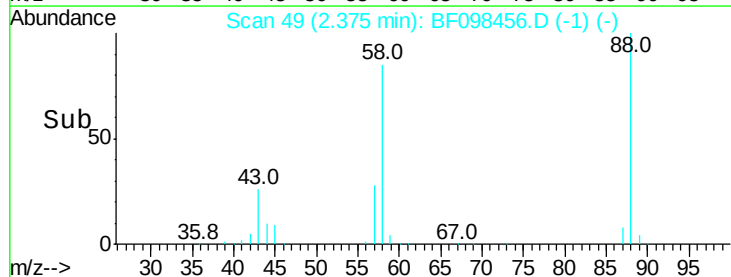
#2

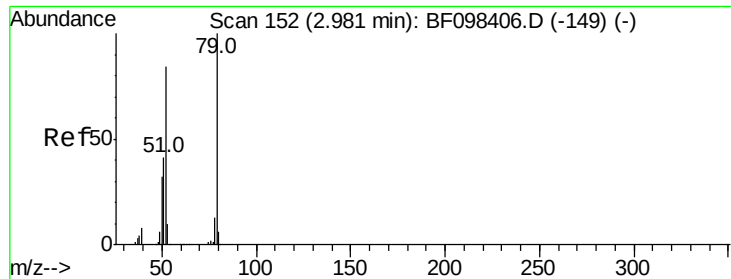
1,4-Dioxane
 Concen: 35.882 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.08 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion: 88 Resp: 244573
 Ion Ratio Lower Upper
 88 100
 58 87.0 61.4 92.0
 43 31.9 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.758 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.08 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

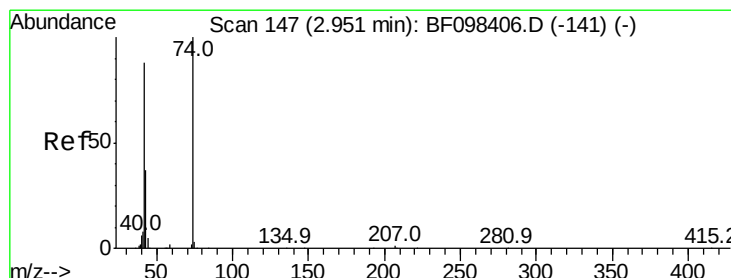
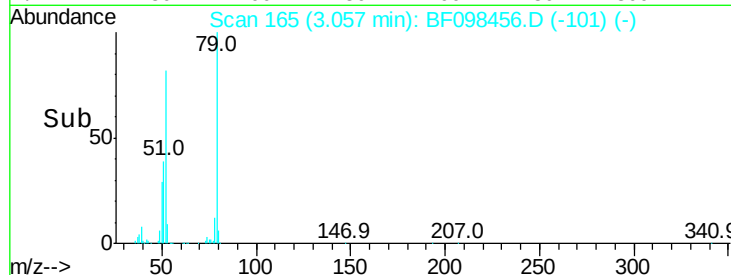
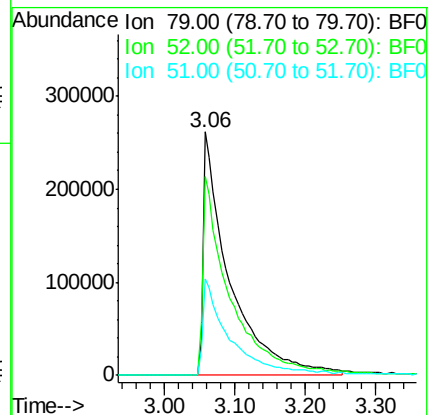
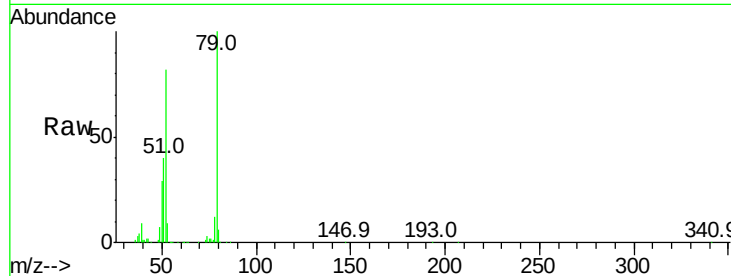
Tot Ion: 79 Resp: 683456

Ion Ratio Lower Upper

79 100

52 81.8 54.8 82.2

51 39.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.667 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.07 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

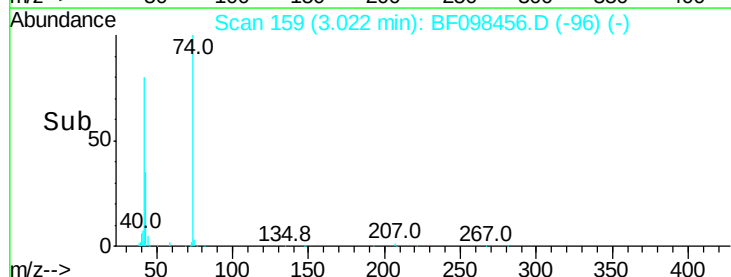
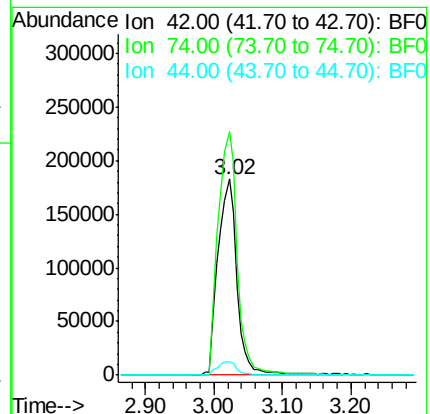
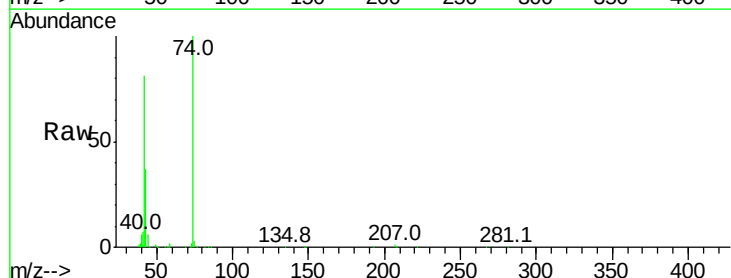
Tgt Ion: 42 Resp: 352012

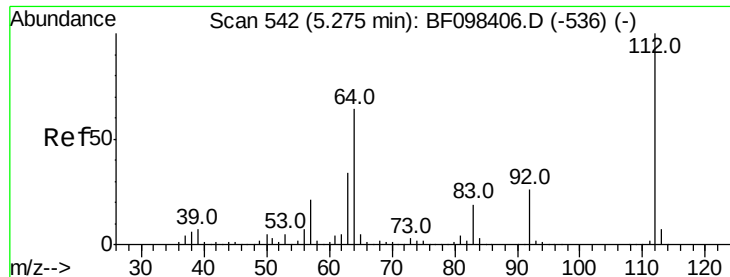
Ion Ratio Lower Upper

42 100

74 124.2 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 129.492 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

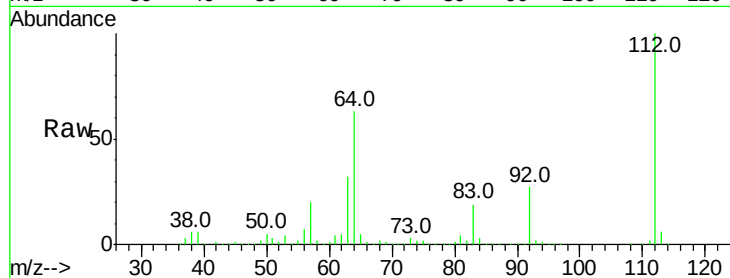
Tot Ion:112 Resp: 1710041

Ion Ratio Lower Upper

112 100

64 63.2 46.0 69.0

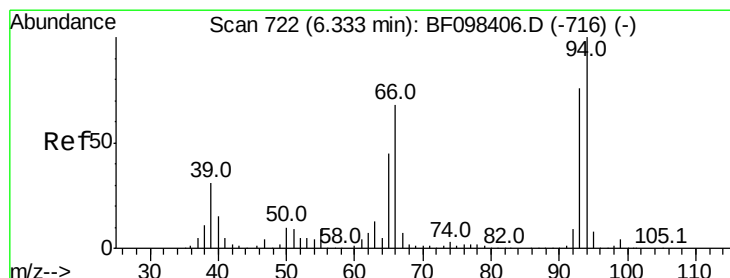
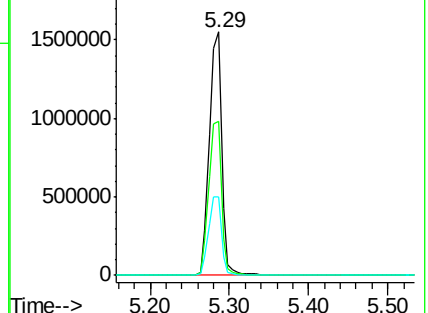
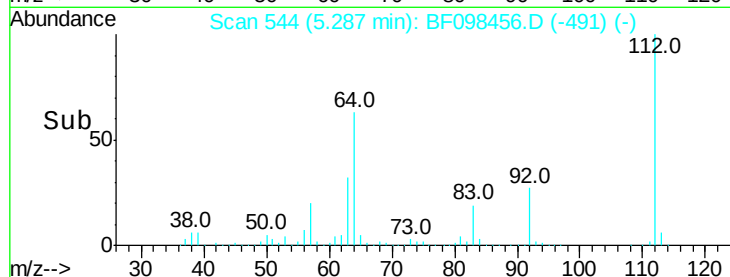
63 32.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.562 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

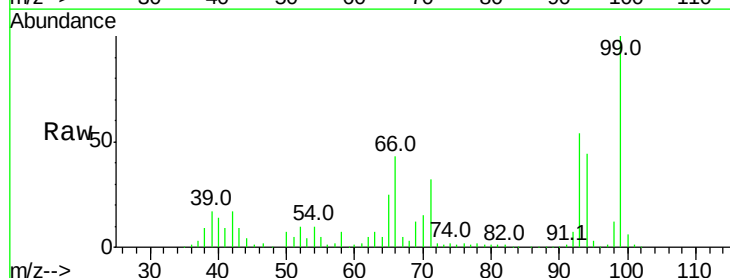
Tgt Ion: 93 Resp: 684928

Ion Ratio Lower Upper

93 100

66 79.8 32.9 49.3#

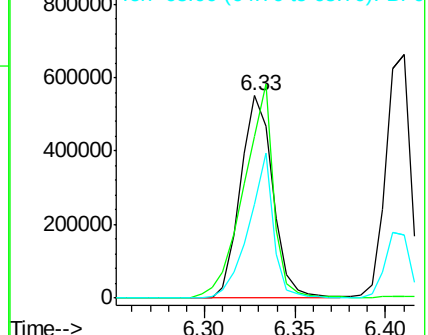
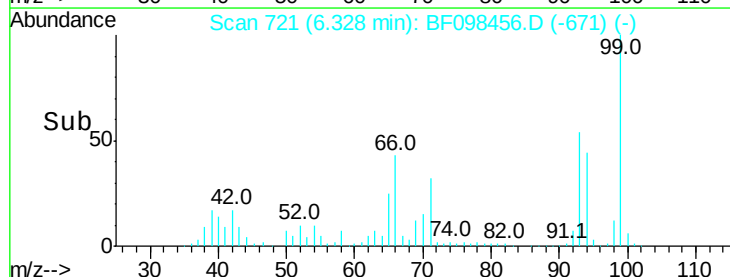
65 46.4 16.0 24.0#

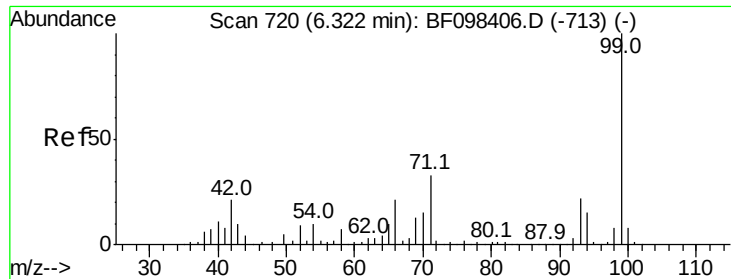


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.934 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

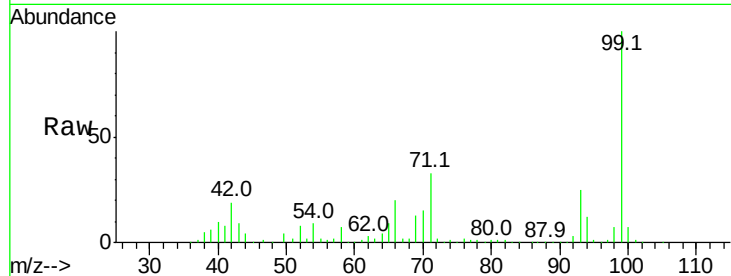
Tot Ion: 99 Resp: 2061212

Ion Ratio Lower Upper

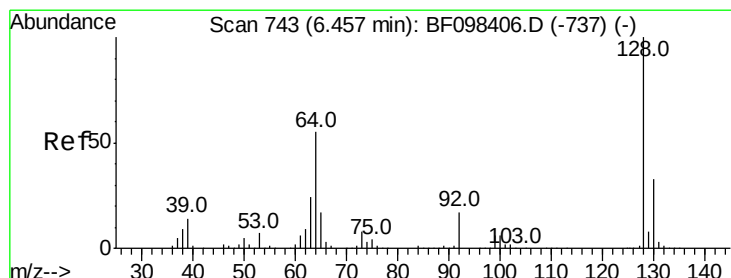
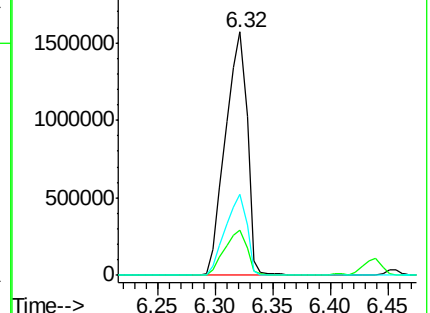
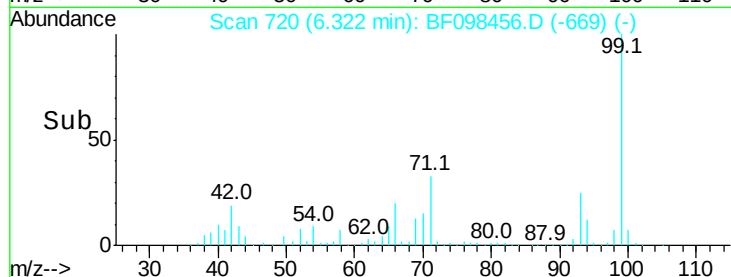
99 100

42 18.7 13.5 20.3

71 33.3 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: 41.961 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

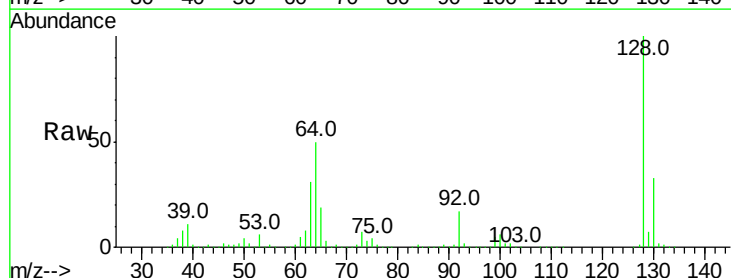
Tgt Ion: 128 Resp: 609327

Ion Ratio Lower Upper

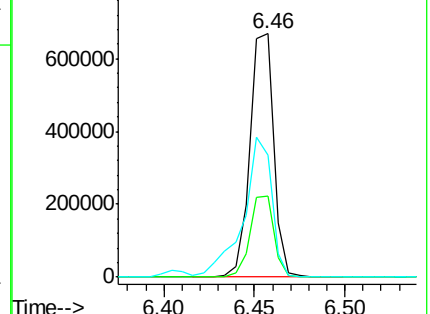
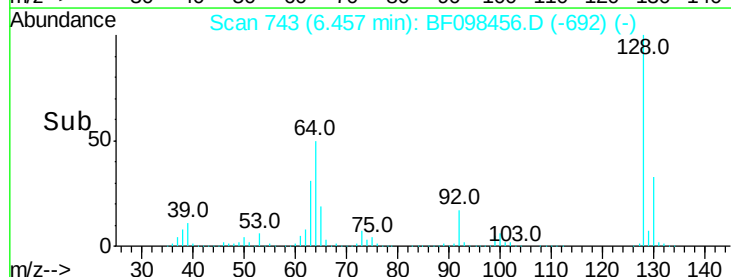
128 100

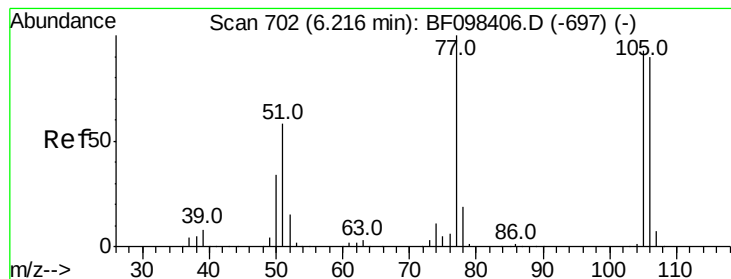
130 33.4 12.9 52.9

64 50.0 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: 36.474 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

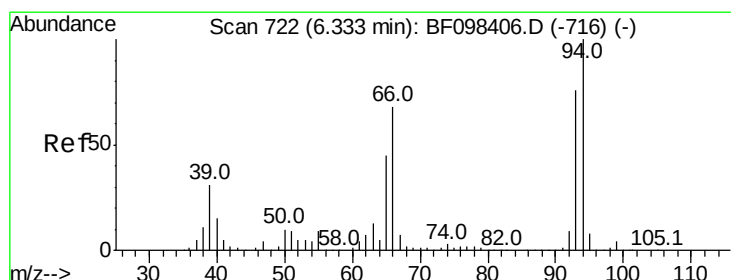
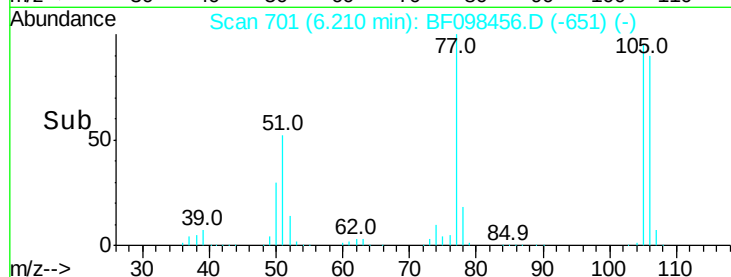
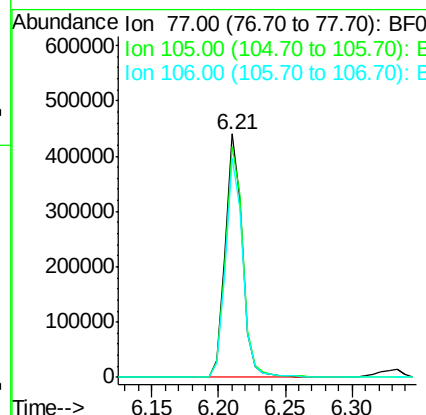
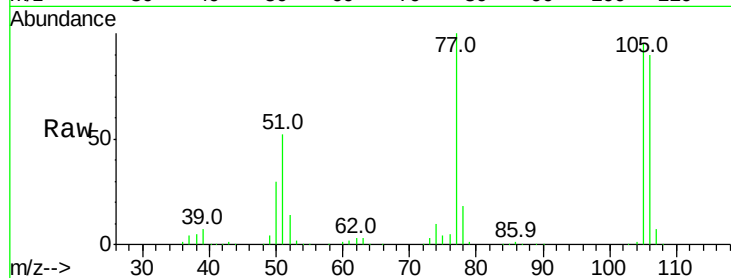
Tot Ion: 77 Resp: 399773

Ion Ratio Lower Upper

77 100

105 95.0 83.8 123.8

106 90.2 79.1 119.1



#10

Phenol

Concen: 39.552 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

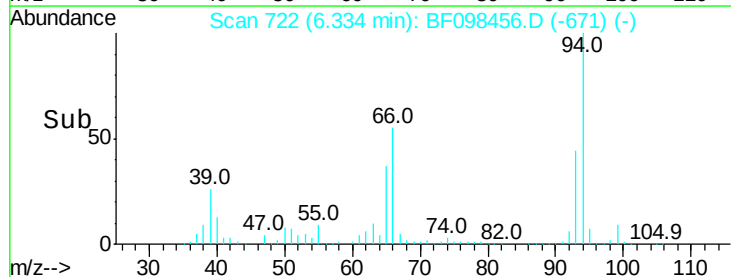
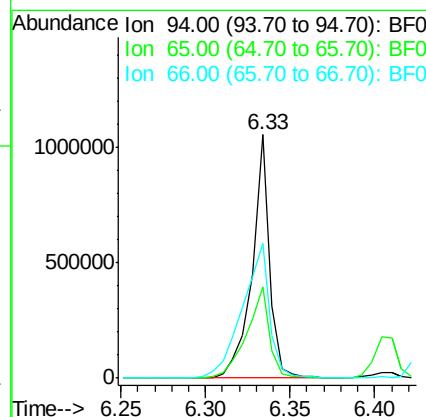
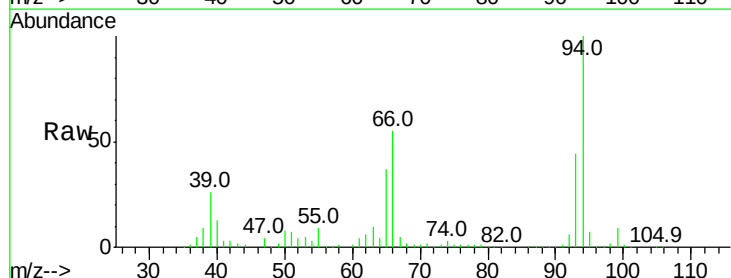
Tgt Ion: 94 Resp: 770287

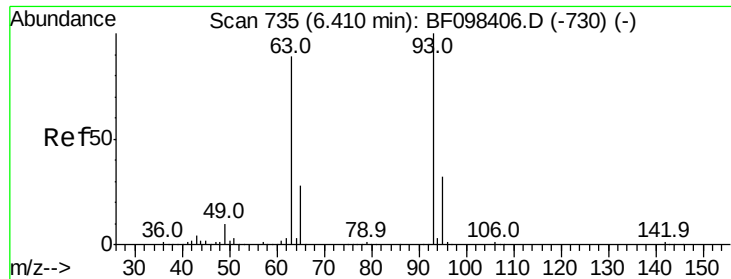
Ion Ratio Lower Upper

94 100

65 37.5 9.9 49.9

66 55.2 23.1 63.1

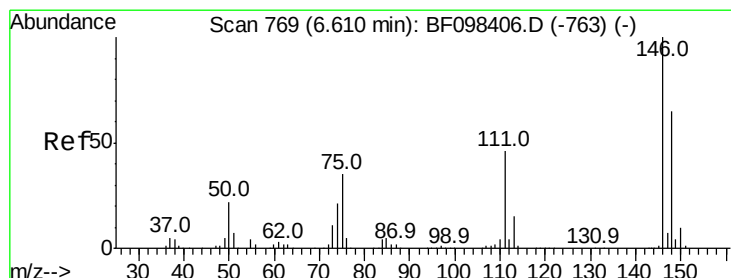
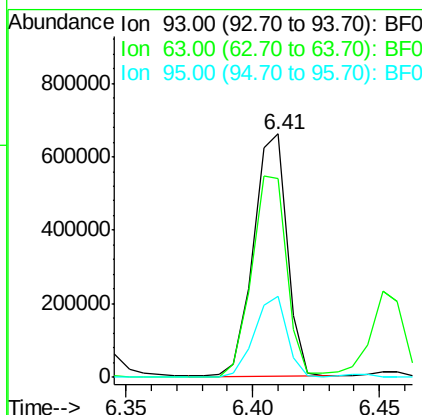
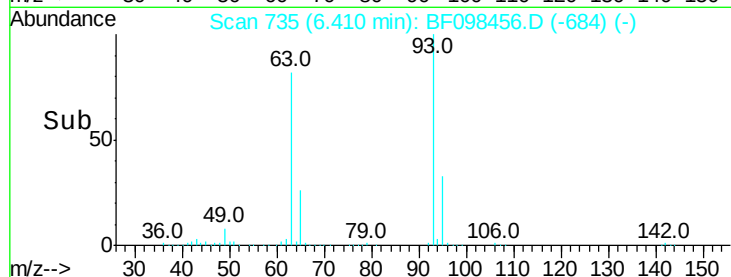
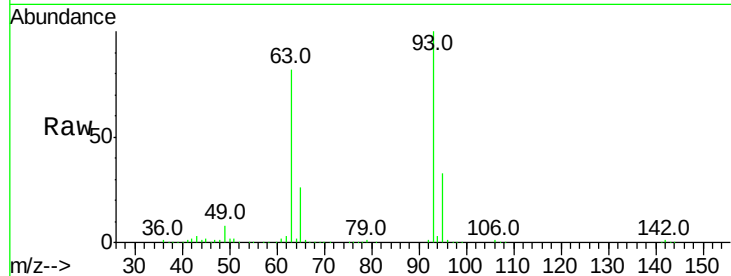




#11
 bis(2-Chloroethyl)ether
 Concen: 41.672 ng
 RT: 6.41 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

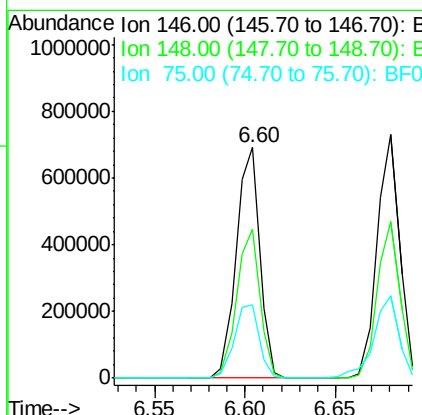
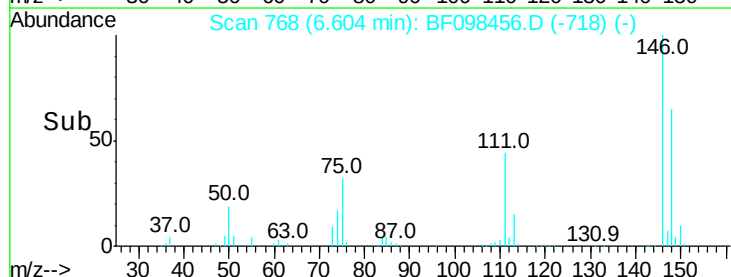
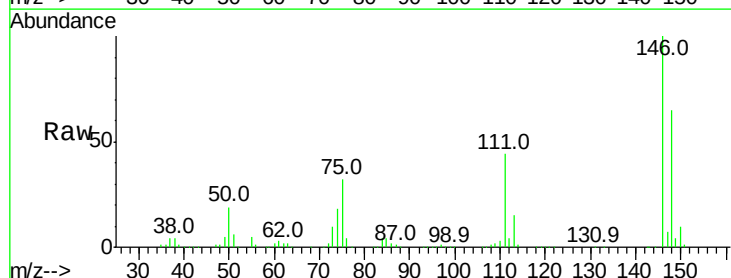
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

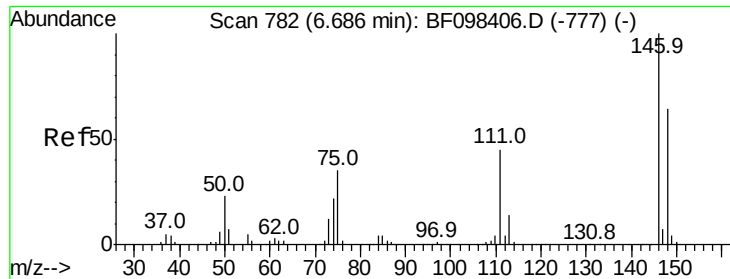
Tot Ion:	93	Resp:	611895
Ion	Ratio	Lower	Upper
93	100		
63	81.6	59.2	99.2
95	33.2	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.838 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:	146	Resp:	626115
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	32.0	23.1	34.7

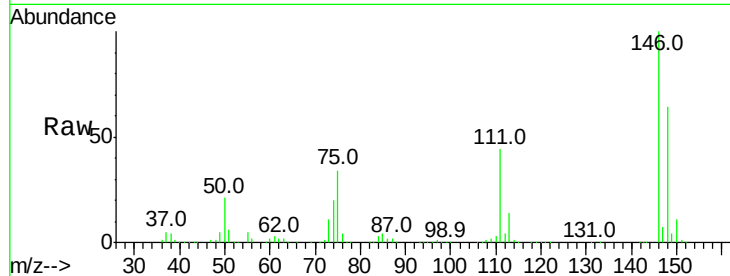




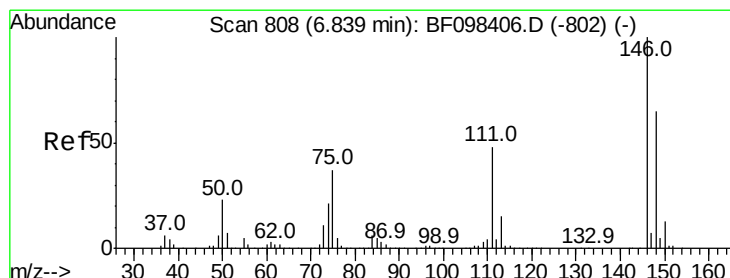
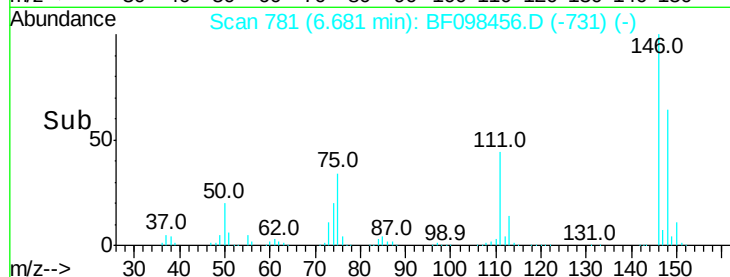
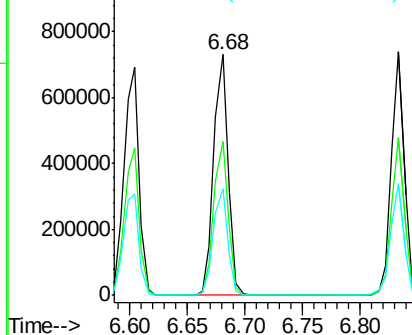
#13
 1,4-Dichlorobenzene
 Concen: 42.362 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:146 Resp: 634205
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 44.2 30.3 45.5

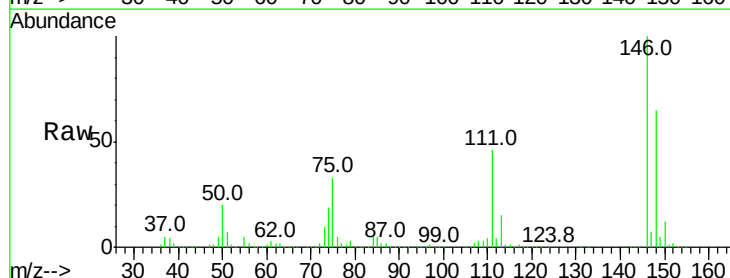


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

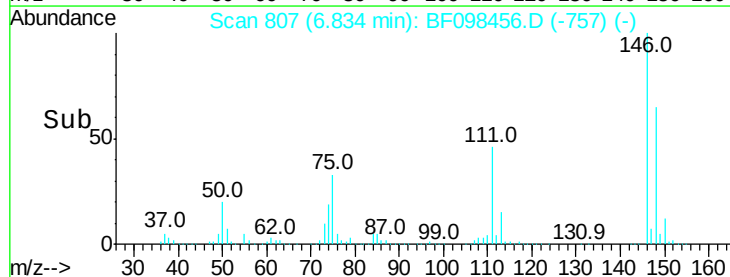
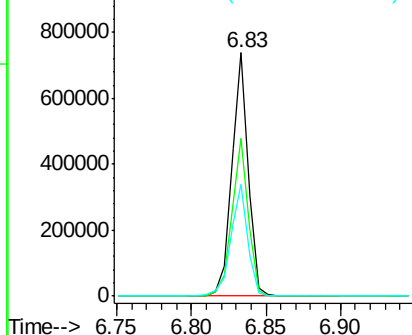


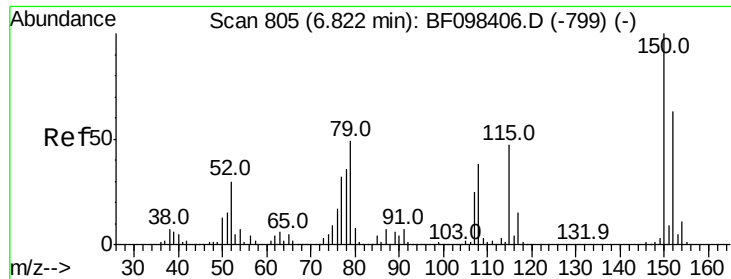
#14
 1,2-Dichlorobenzene
 Concen: 42.237 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:146 Resp: 576102
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 45.9 38.2 57.4



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

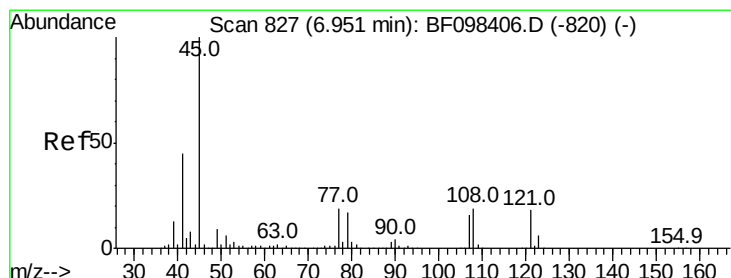
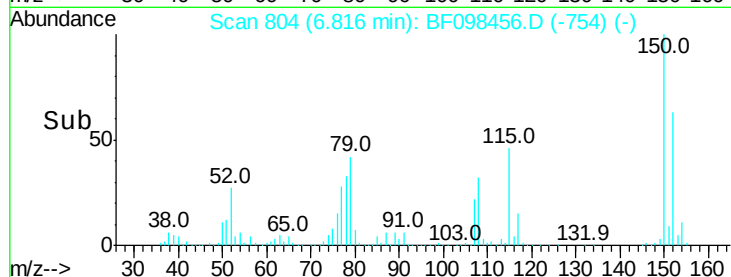
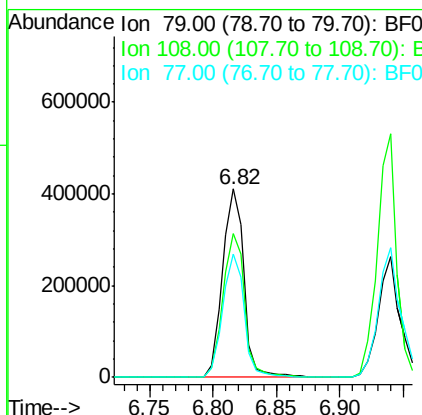
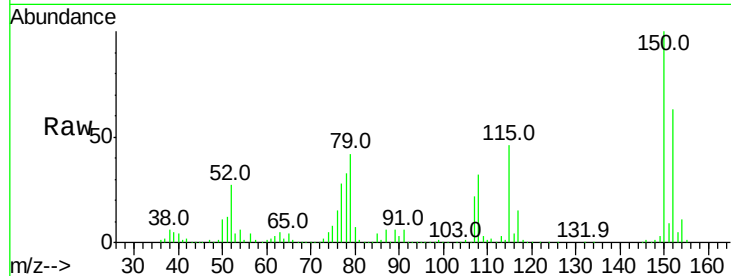




#15
Benzyl Alcohol
Concen: 43.341 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

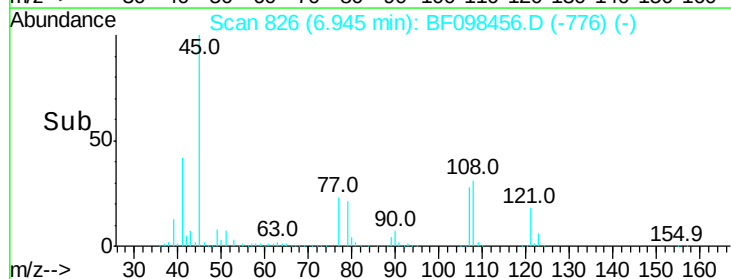
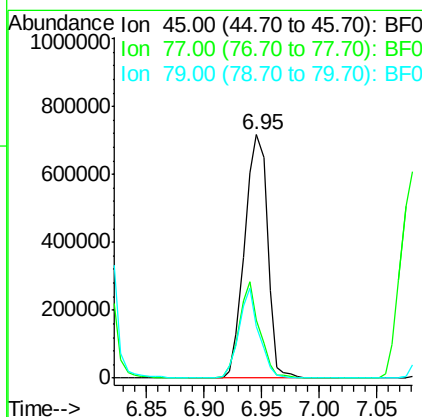
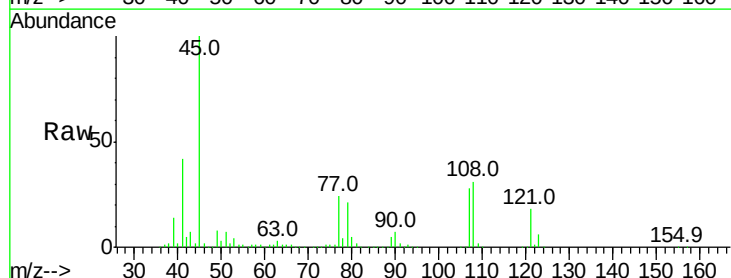
Instrument :
BNA_F
ClientSampleId :
PB102209BS

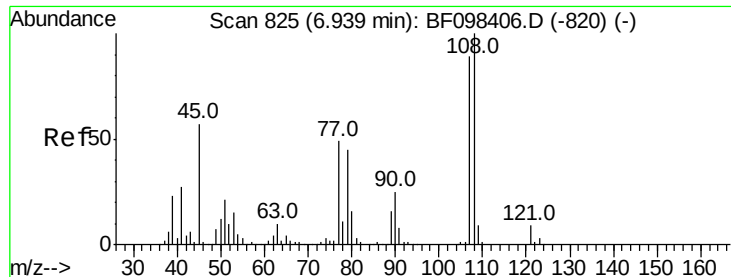
Tot Ion: 79 Resp: 483629
Ion Ratio Lower Upper
79 100
108 76.6 63.4 95.0
77 65.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.994 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion: 45 Resp: 990404
Ion Ratio Lower Upper
45 100
77 23.8 0.0 33.2
79 21.1 0.0 30.0

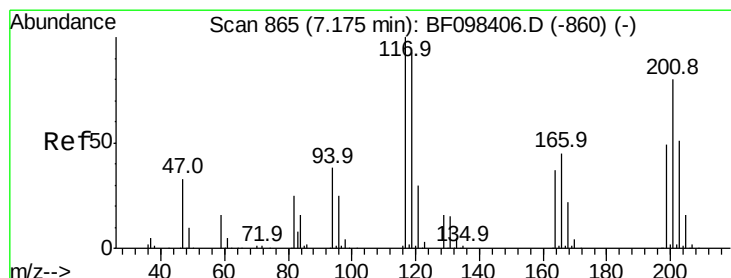
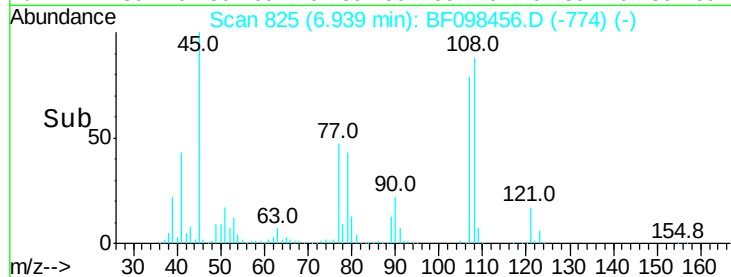
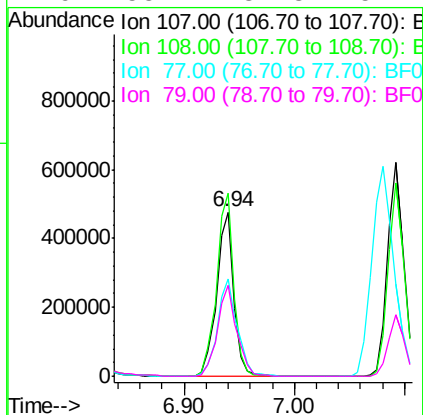
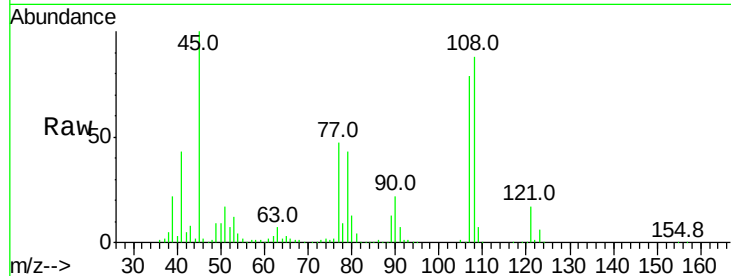




#17
2-Methylphenol
Concen: 42.981 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

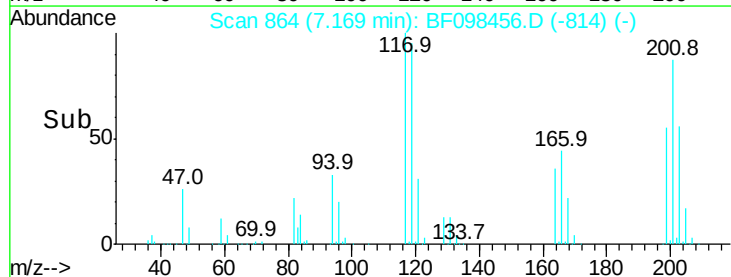
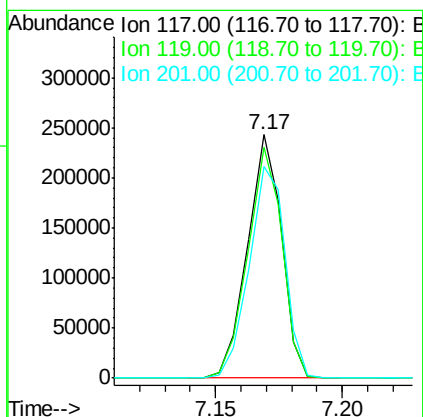
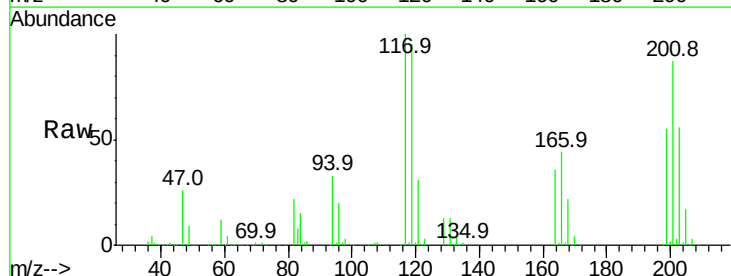
Instrument :
BNA_F
ClientSampleId :
PB102209BS

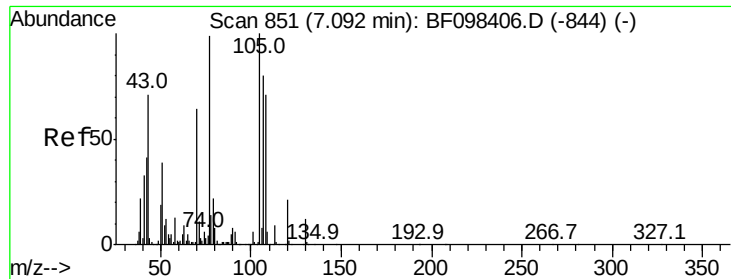
Tot Ion:107 Resp: 508940
Ion Ratio Lower Upper
107 100
108 111.3 93.4 140.0
77 59.5 35.8 53.6#
79 55.2 34.8 52.2#



#18
Hexachloroethane
Concen: 39.746 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:117 Resp: 227884
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 86.8 94.6 141.8#

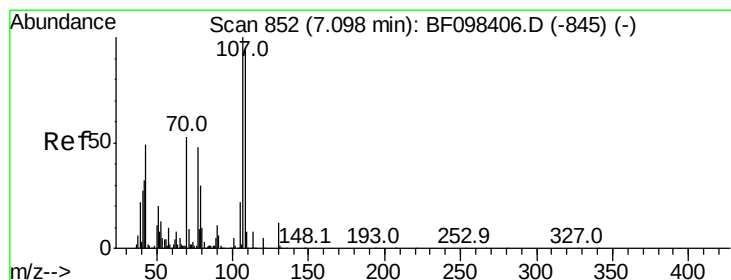
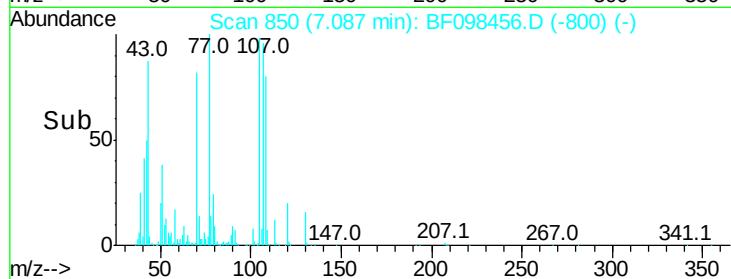
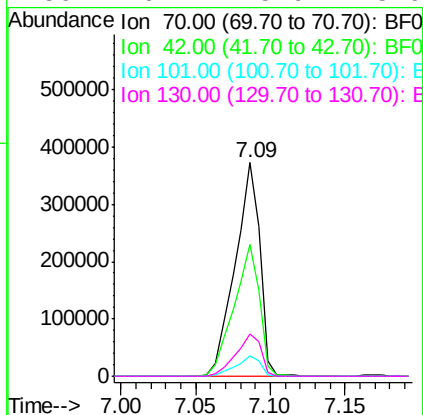
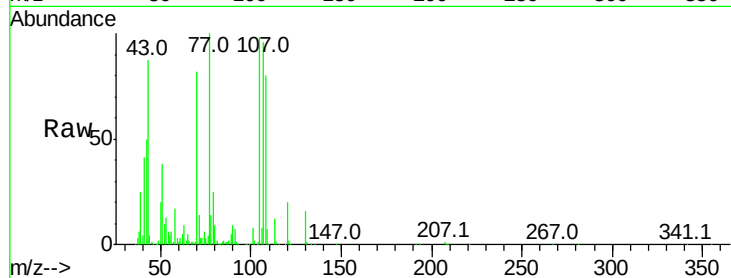




#19
n-Nitroso-di-n-propylamine
Concen: 40.946 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

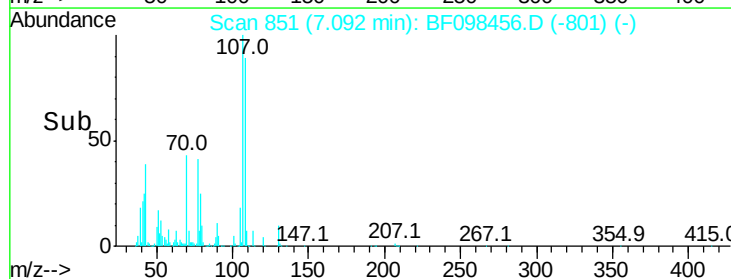
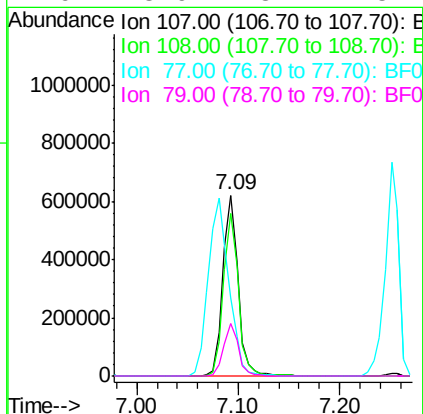
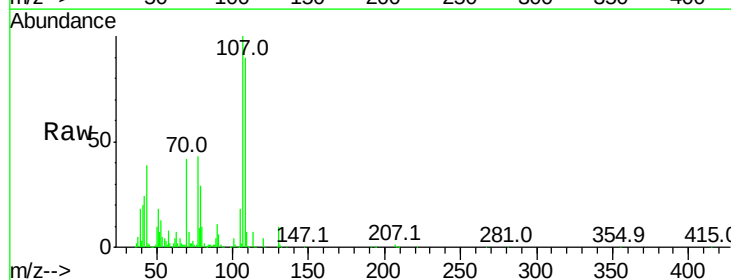
Instrument :
BNA_F
ClientSampleId :
PB102209BS

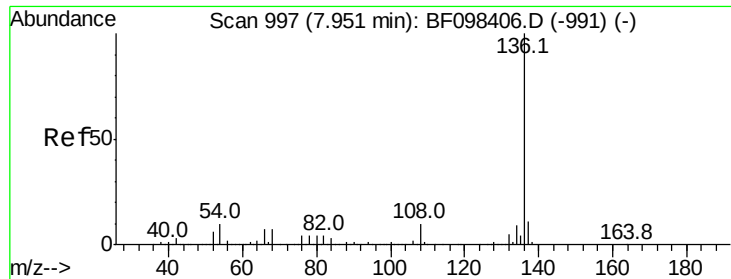
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.2	70.8
101	9.5	7.2	10.8
130	20.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.124 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	43.3	90.5	130.5#
79	28.9	8.4	48.4

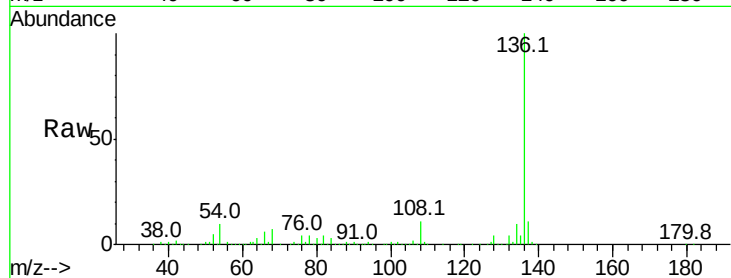




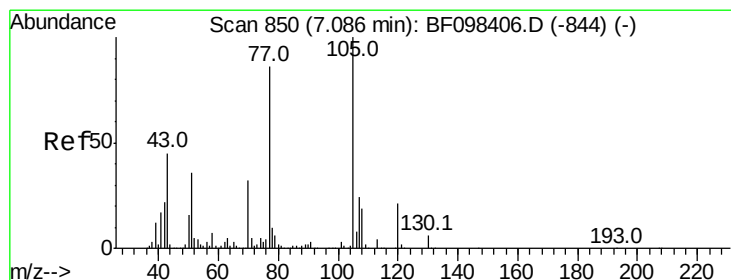
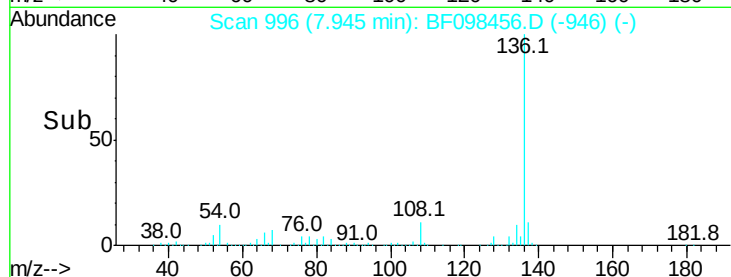
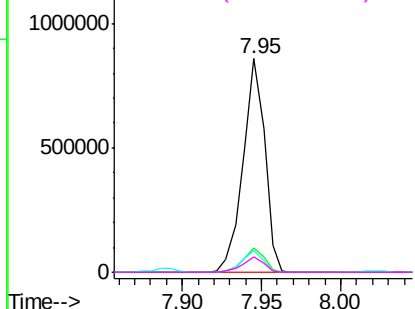
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:136	Resp:	814719
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	10.2	4.9 7.3#
68	7.2	4.1 6.1#

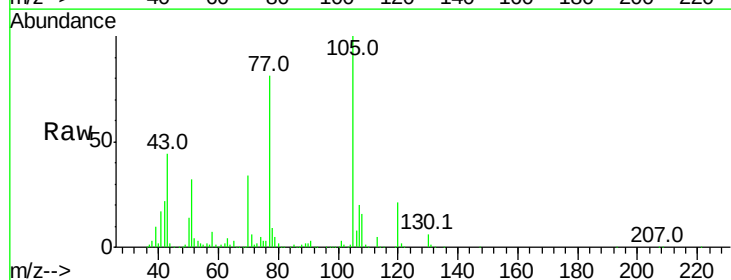


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

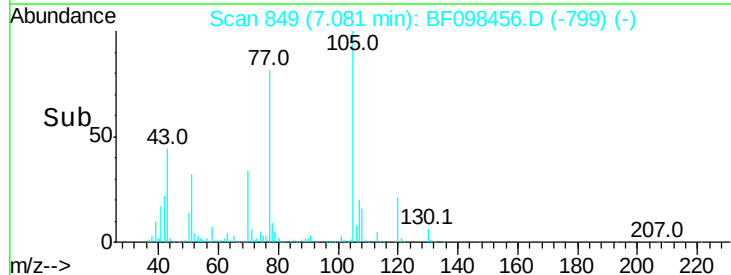
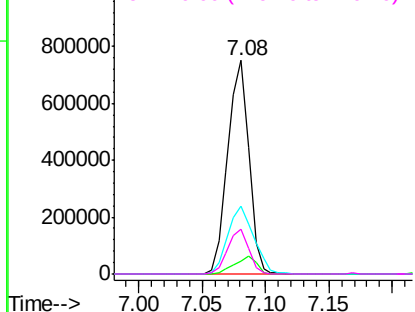


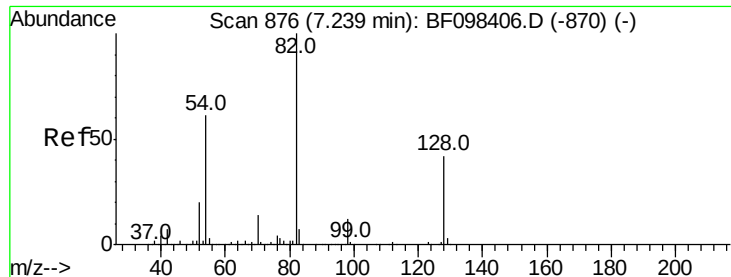
#22
Acetophenone
Concen: 41.202 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:105	Resp:	867586
Ion	Ratio	Lower Upper
105	100	
71	5.8	2.8 4.2#
51	31.9	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



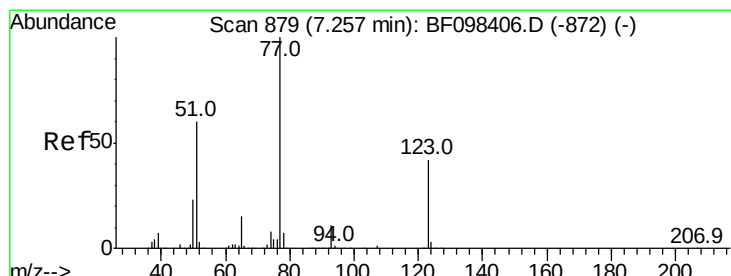
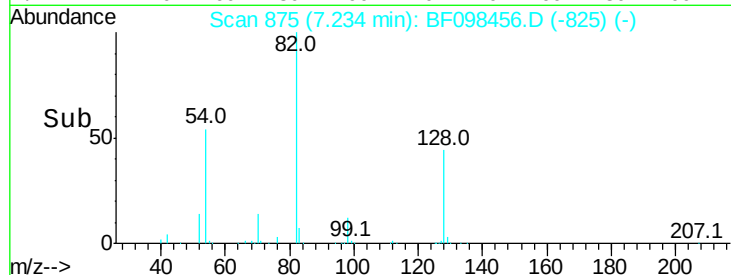
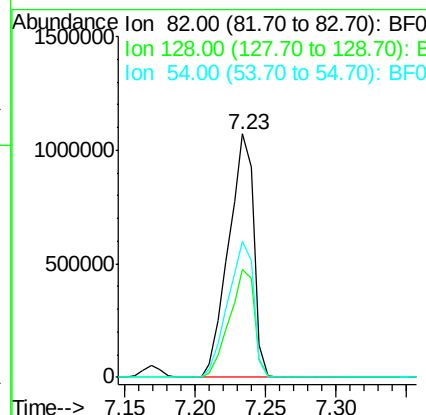
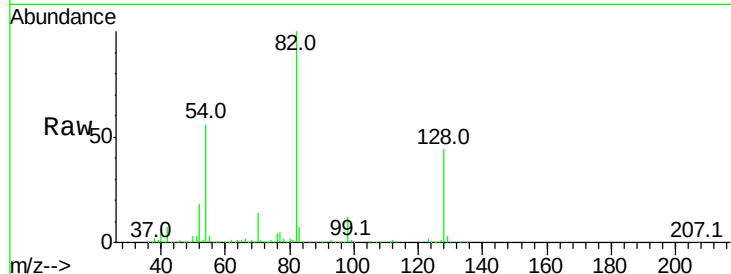


#23
 Nitrobenzene-d5
 Concen: 90.524 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleID :
 PB102209BS

Tot Ion: 82 Resp: 1322912

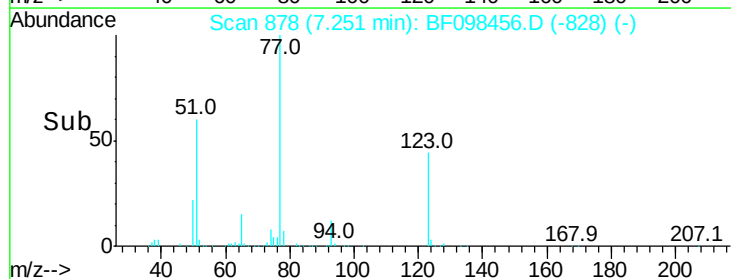
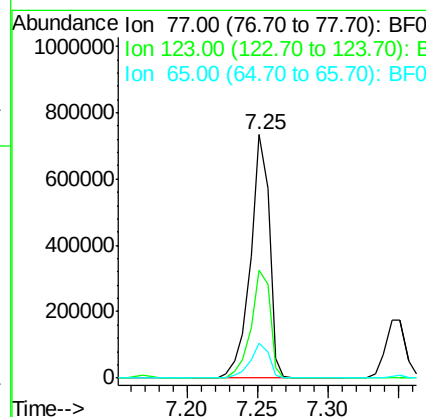
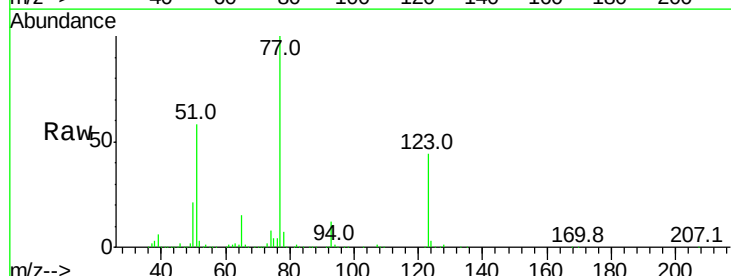
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	55.9	42.2	63.2

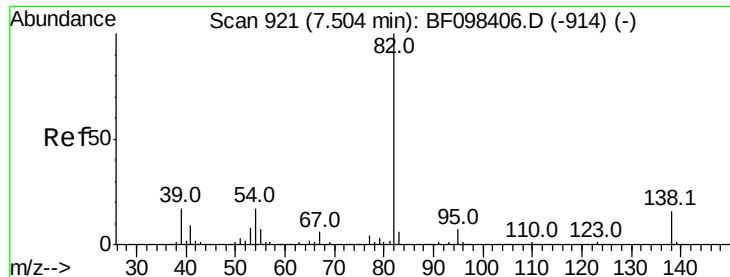


#24
 Nitrobenzene
 Concen: 41.052 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion: 77 Resp: 683361

Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 40.699 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

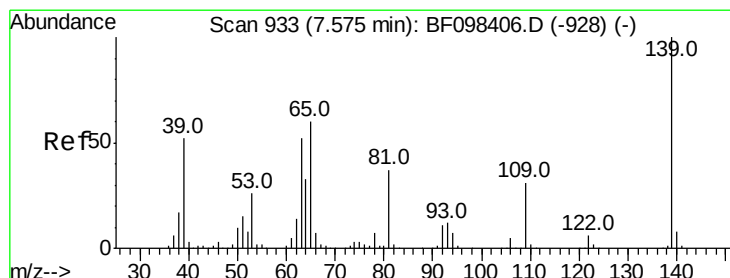
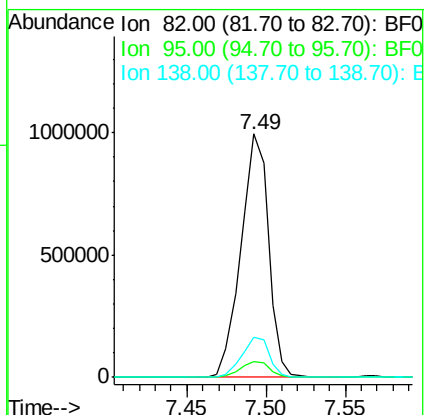
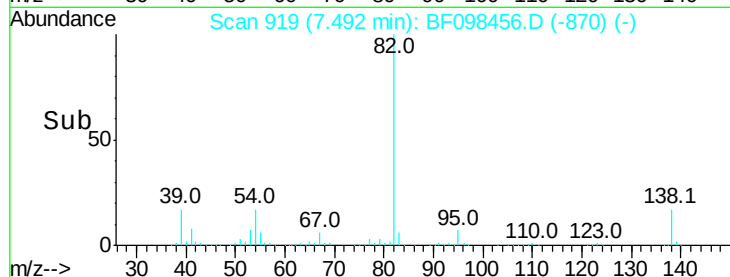
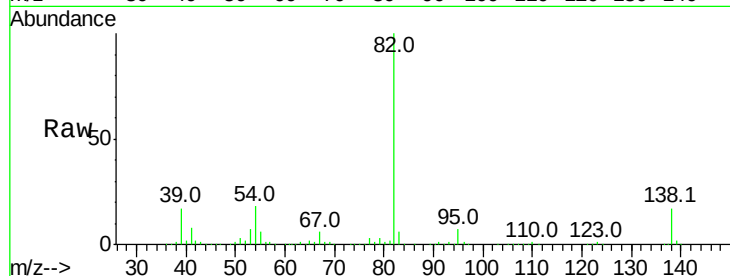
Tot Ion: 82 Resp: 1203382

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 16.7 13.1 19.7



#26

2-Nitrophenol

Concen: 45.792 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

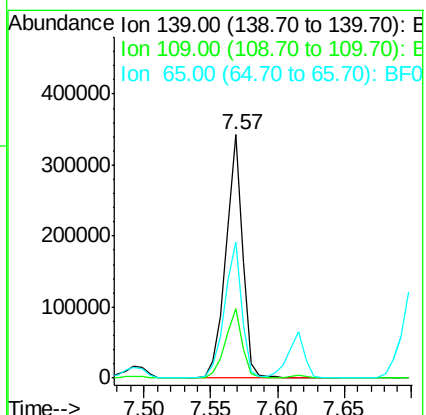
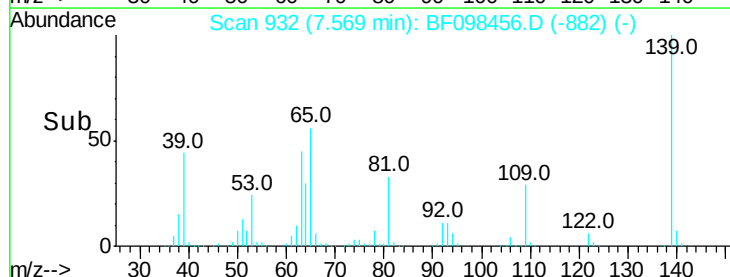
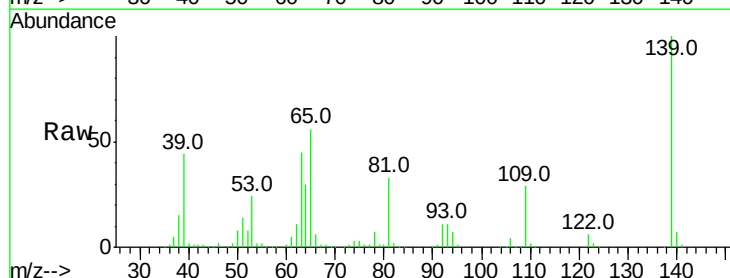
Tgt Ion:139 Resp: 307770

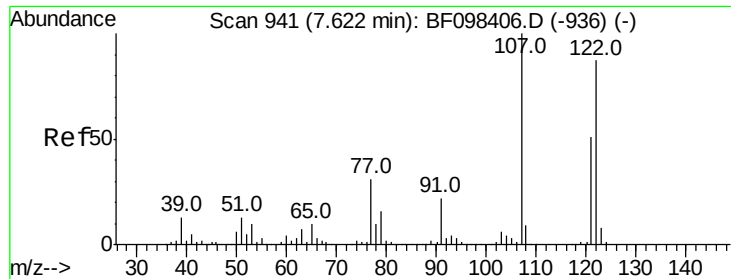
Ion Ratio Lower Upper

139 100

109 28.7 21.0 31.6

65 55.9 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.855 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

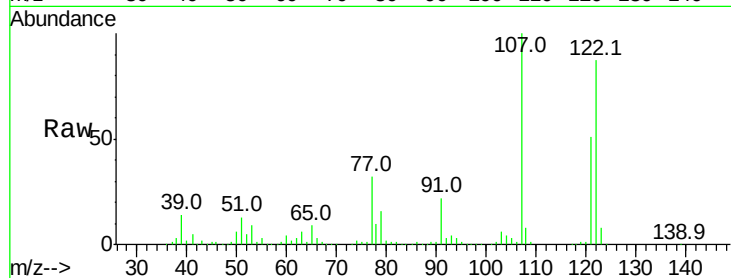
Tot Ion:122 Resp: 536262

Ion Ratio Lower Upper

122 100

107 115.5 89.2 133.8

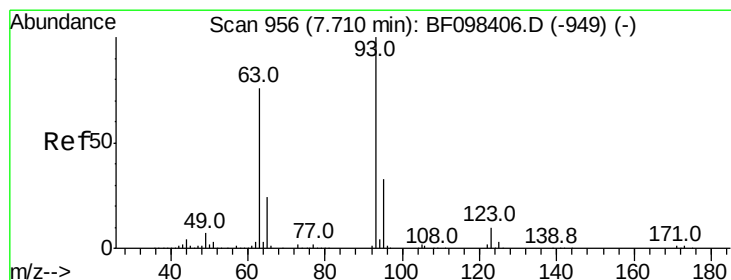
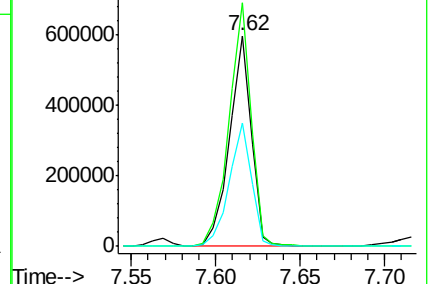
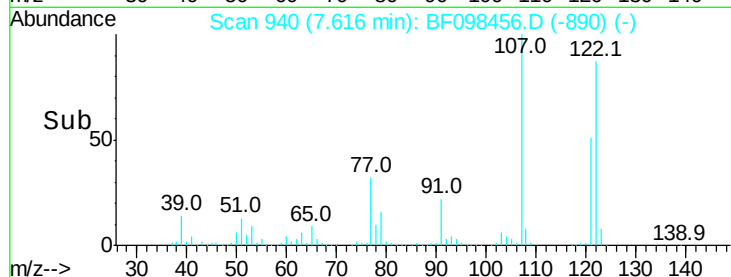
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.600 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

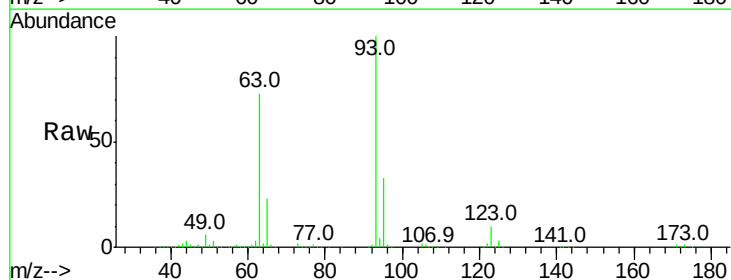
Tgt Ion: 93 Resp: 768589

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

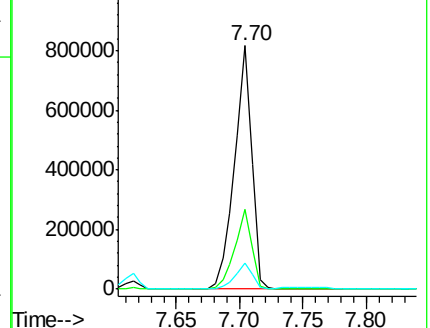
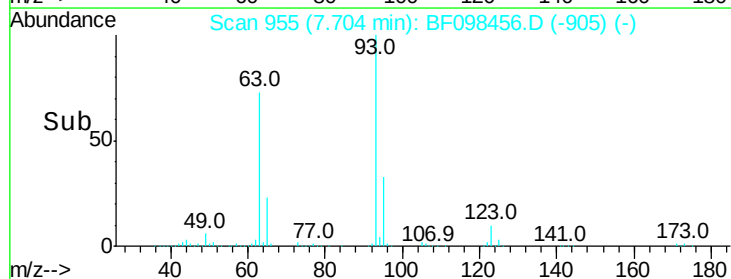
123 10.5 9.0 13.4

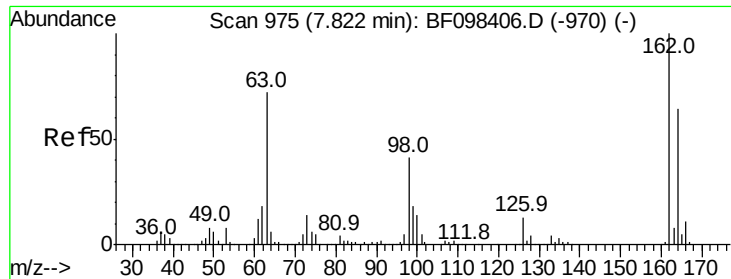


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

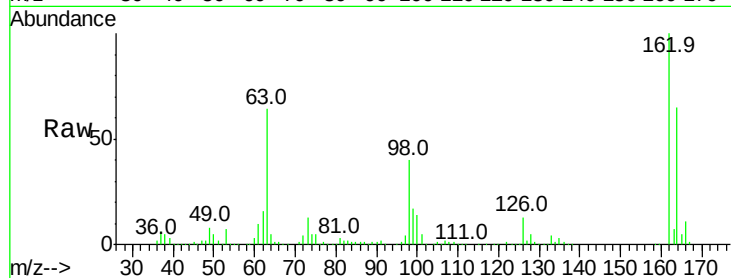




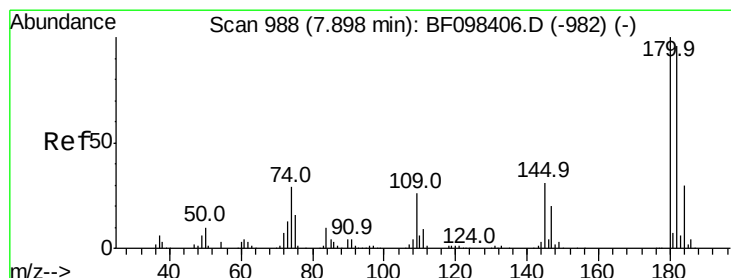
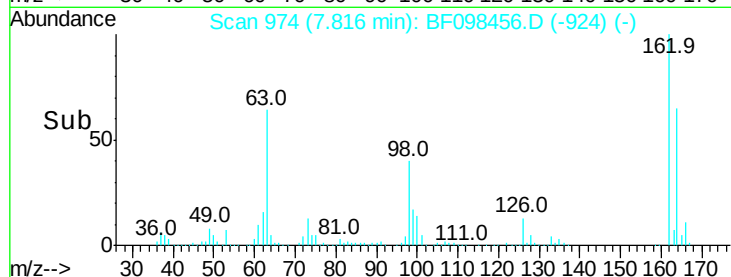
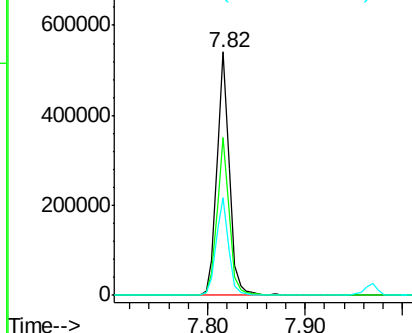
#29
 2,4-Dichlorophenol
 Concen: 44.987 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:162 Resp: 479372
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.6 84.6
 98 40.0 14.8 54.8

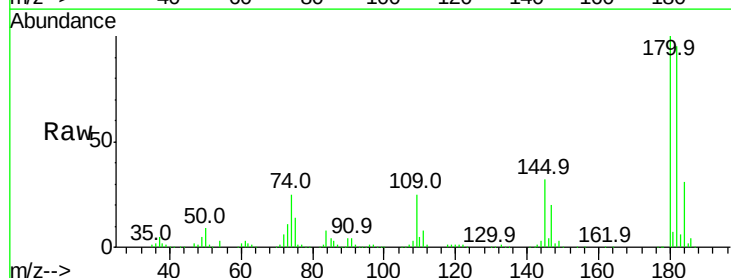


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

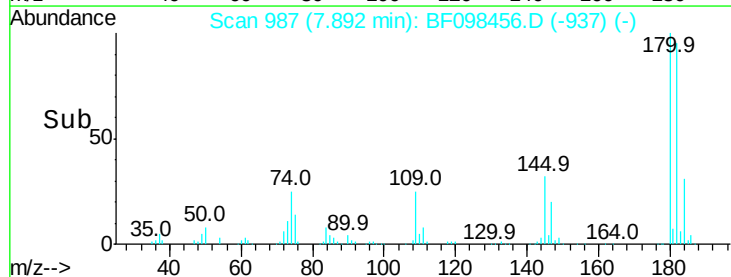
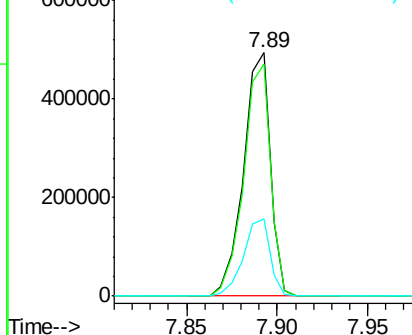


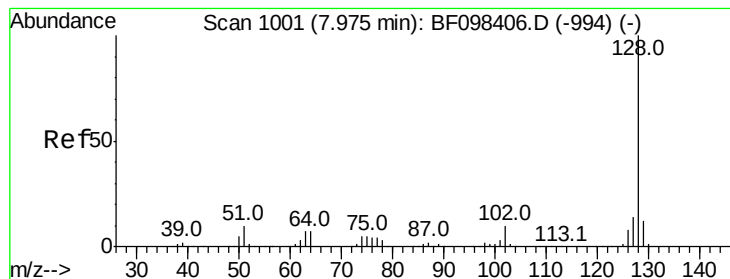
#30
 1,2,4-Trichlorobenzene
 Concen: 43.848 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:180 Resp: 508253
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.6
 145 31.5 25.3 37.9



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





#31

Naphthalene

Concen: 42.901 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

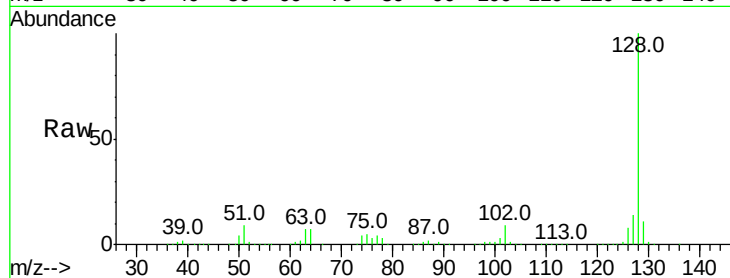
Tot Ion:128 Resp: 1727871

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

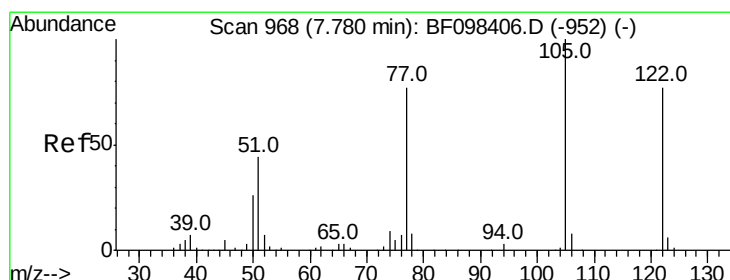
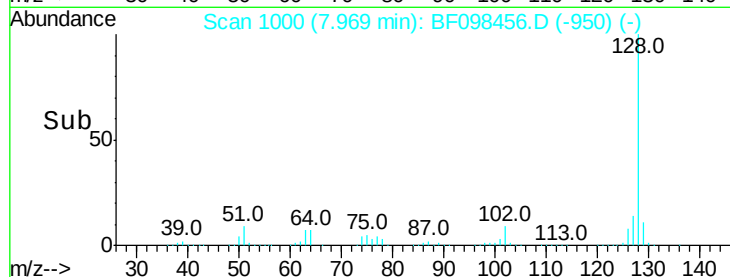
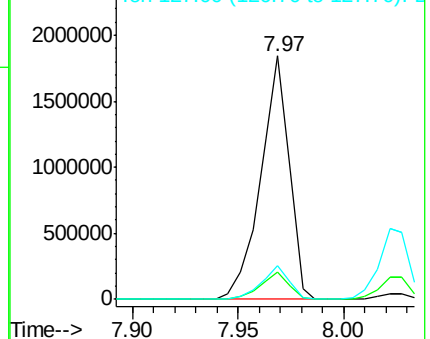
127 14.0 10.8 16.2



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: 31.765 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

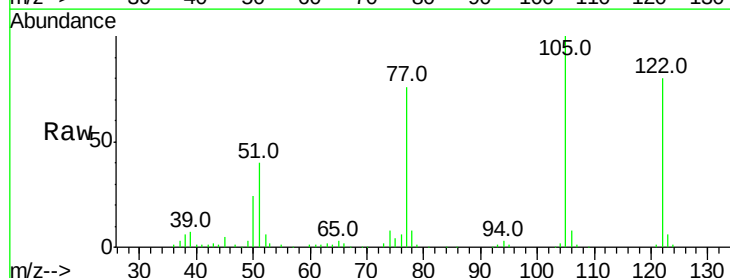
Tgt Ion:122 Resp: 245237

Ion Ratio Lower Upper

122 100

105 125.1 103.3 143.3

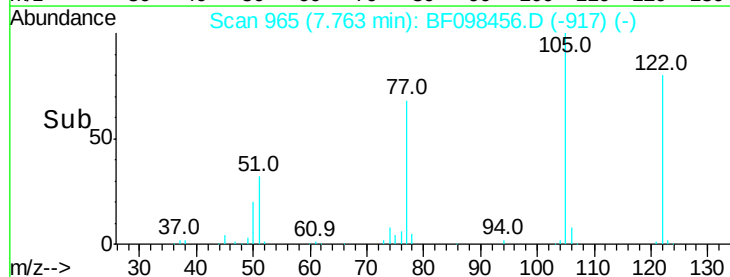
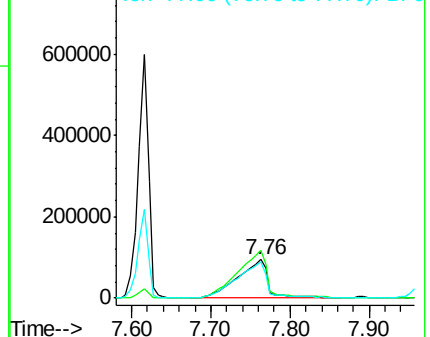
77 95.6 73.7 113.7

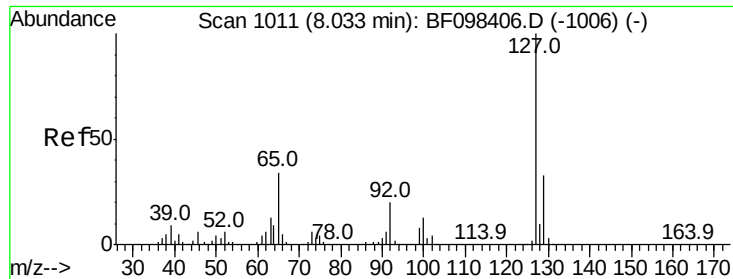


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

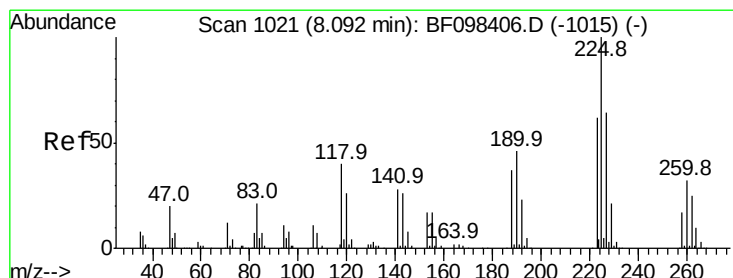
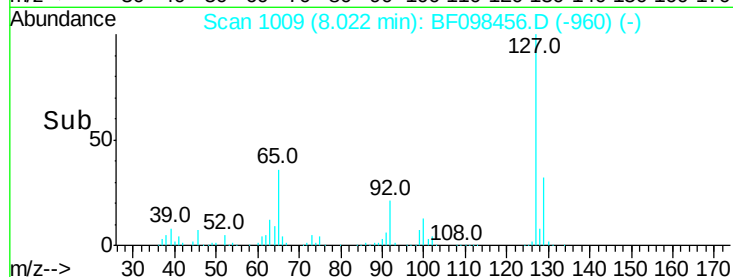
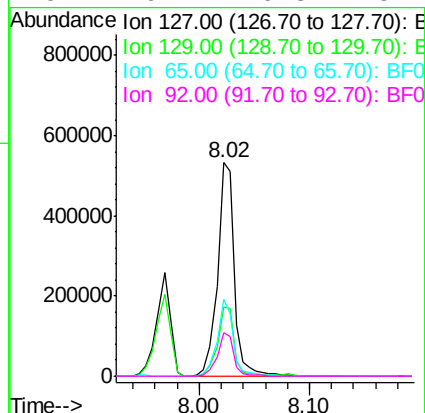
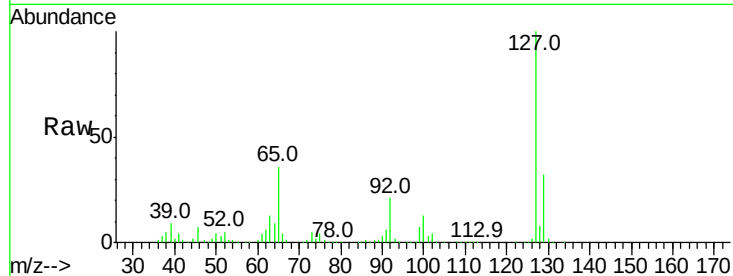




#33
4-Chloroaniline
Concen: 34.102 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

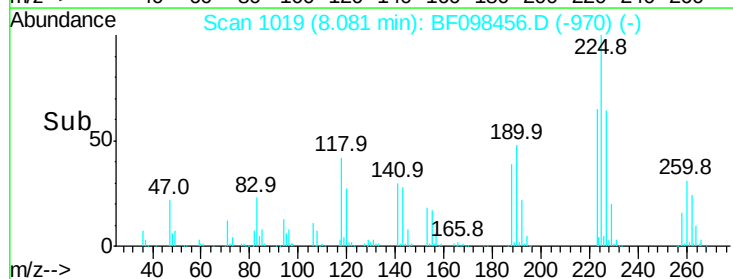
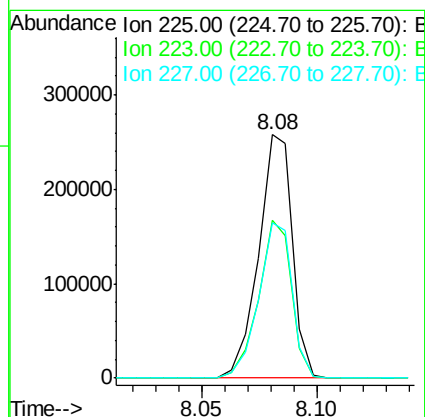
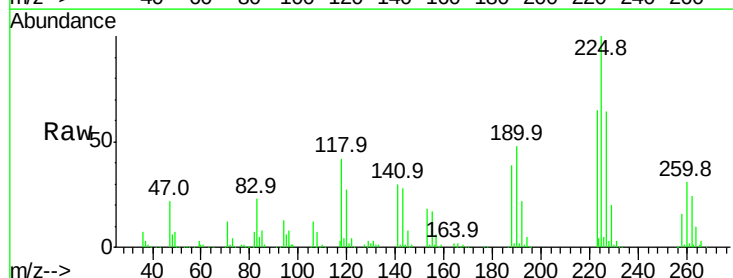
Instrument :
BNA_F
ClientSampleId :
PB102209BS

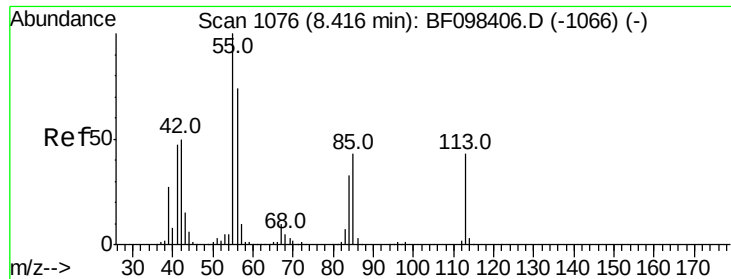
Tot Ion:	127	Resp:	558210
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	36.2	27.8	41.8
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.132 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:	225	Resp:	262609
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.5	51.1	76.7

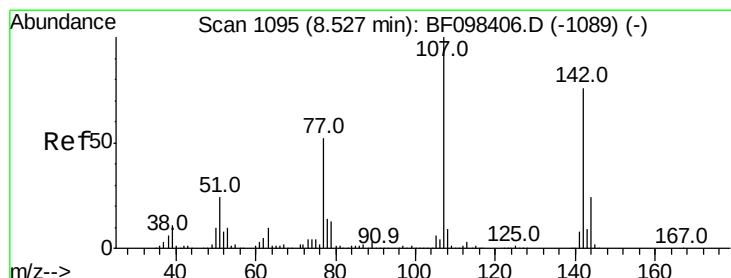
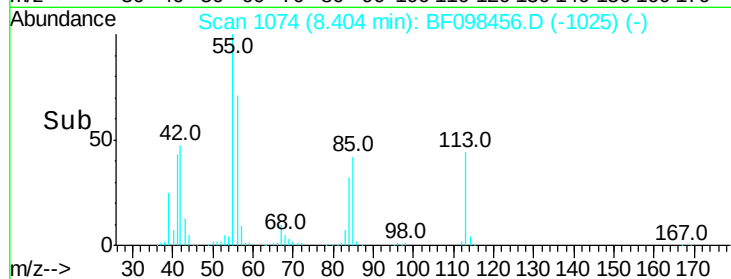
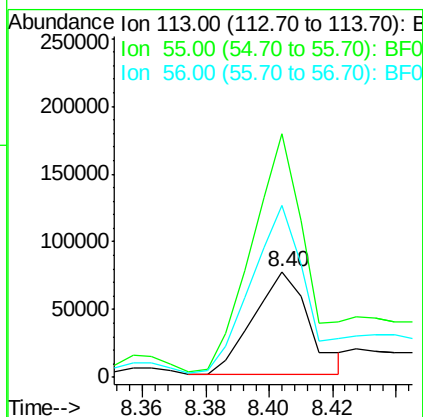
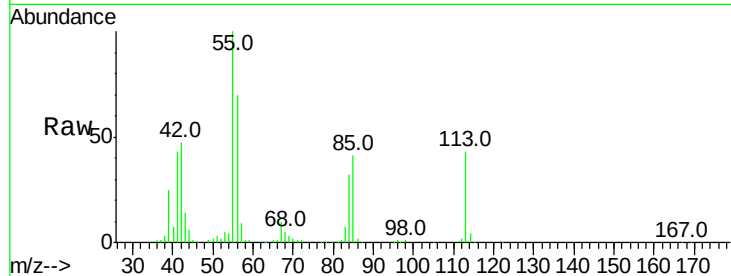




#35
 Caprolactam
 Concen: 25.650 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

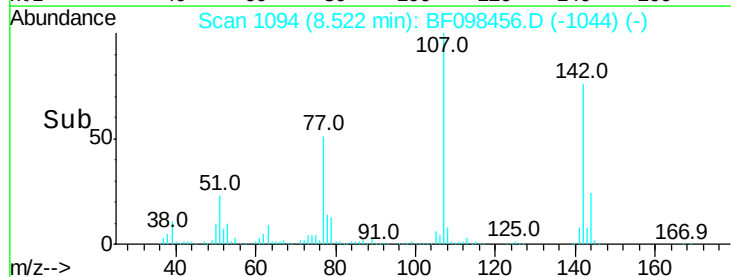
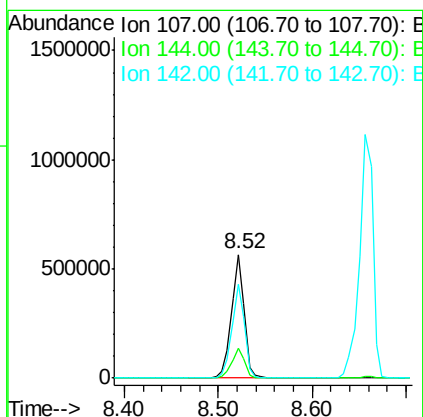
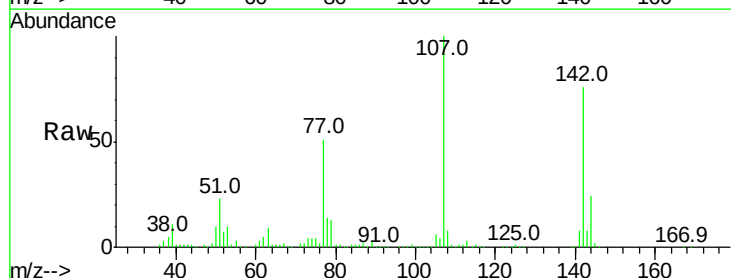
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

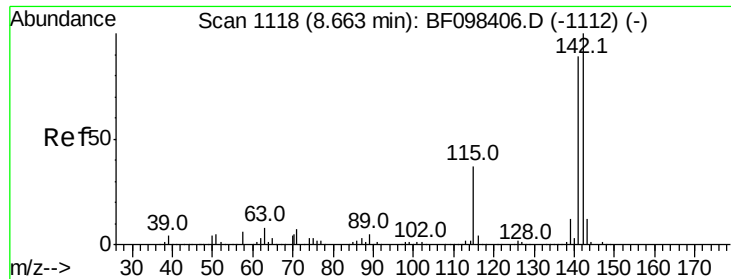
Tot Ion:113 Resp: 94249
 Ion Ratio Lower Upper
 113 100
 55 230.5 150.2 190.2#
 56 162.4 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.645 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:107 Resp: 537123
 Ion Ratio Lower Upper
 107 100
 144 24.5 24.2 36.4
 142 75.7 73.4 110.0

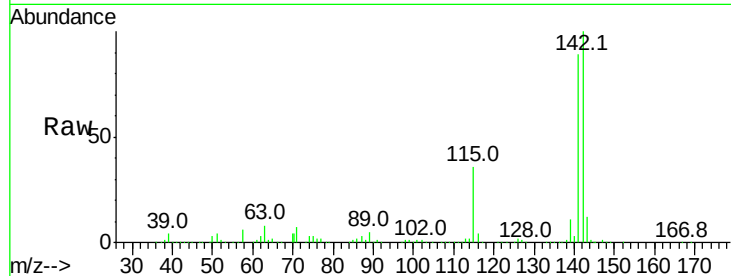




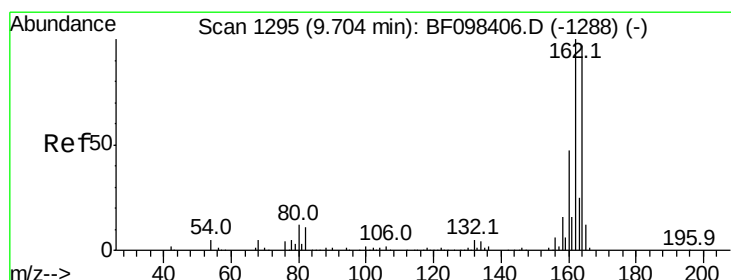
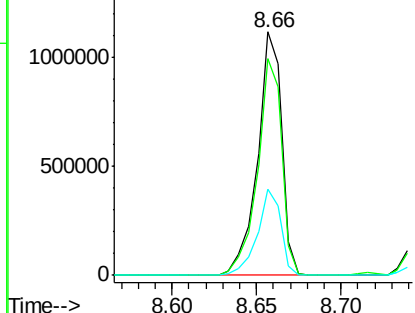
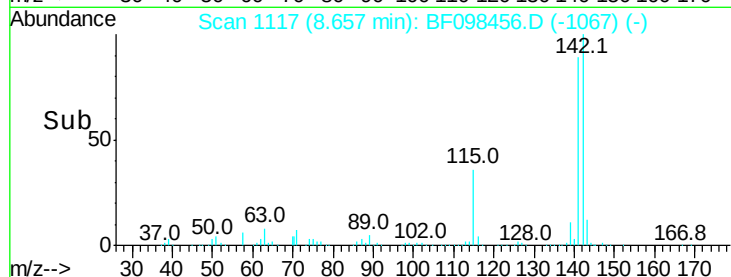
#37
2-Methylnaphthalene
Concen: 45.589 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:142 Resp: 1112214
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 35.5 27.1 40.7

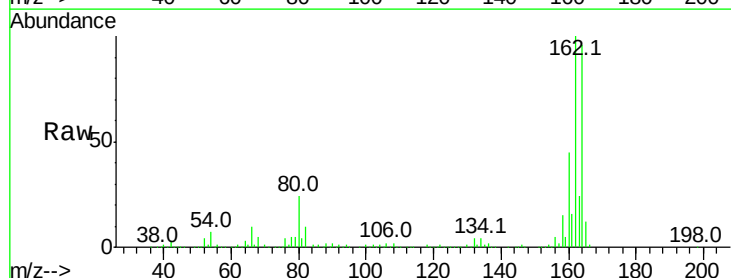


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

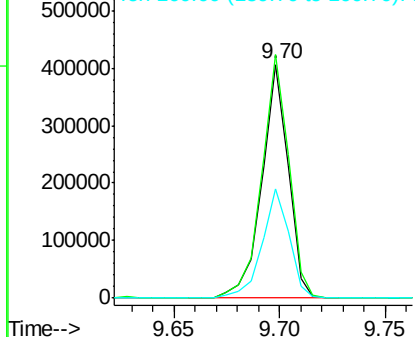
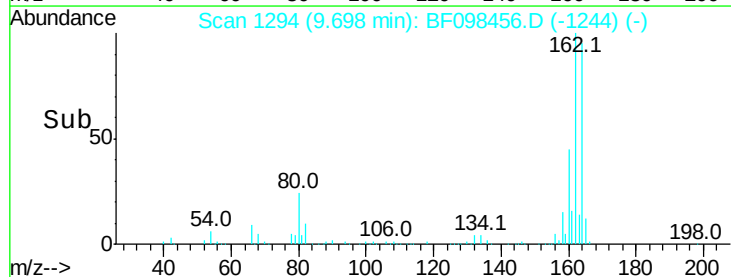


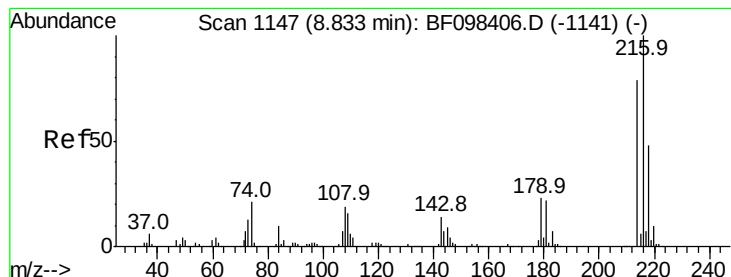
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:164 Resp: 354164
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.6 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.104 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

Tot Ion:216 Resp: 464496

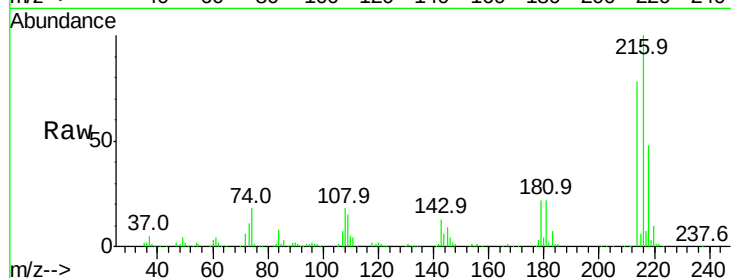
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.5 17.9 26.9

108 20.4 16.5 24.7

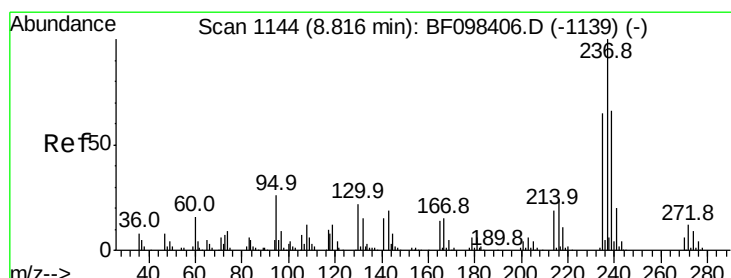
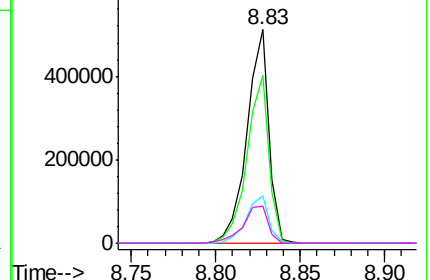
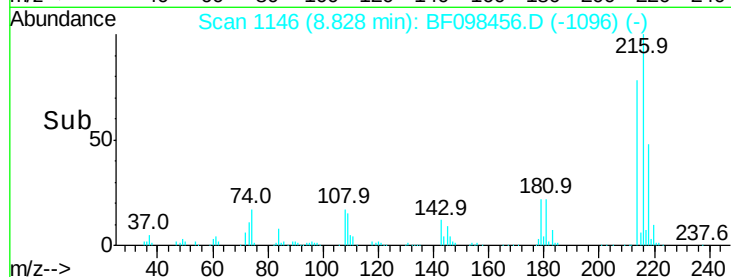


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.677 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

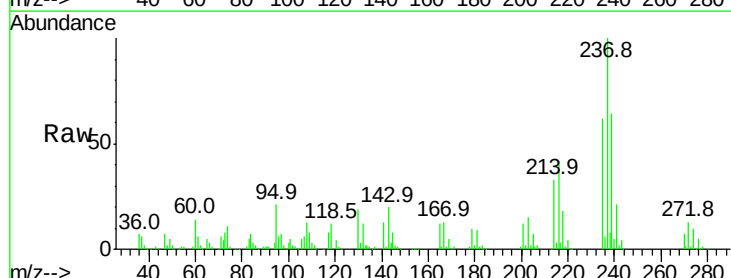
Tgt Ion:237 Resp: 143083

Ion Ratio Lower Upper

237 100

235 62.4 42.6 82.6

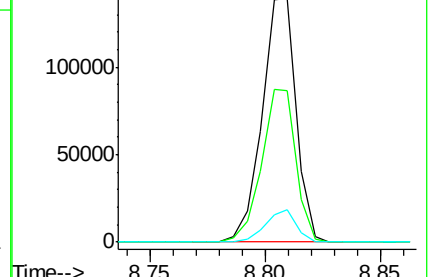
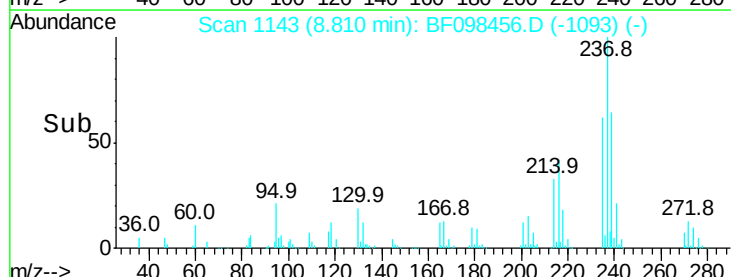
272 13.1 0.0 31.9

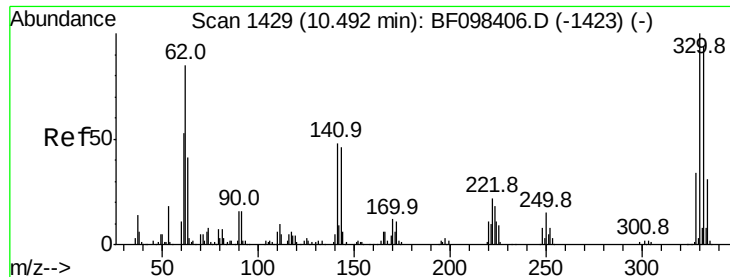


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

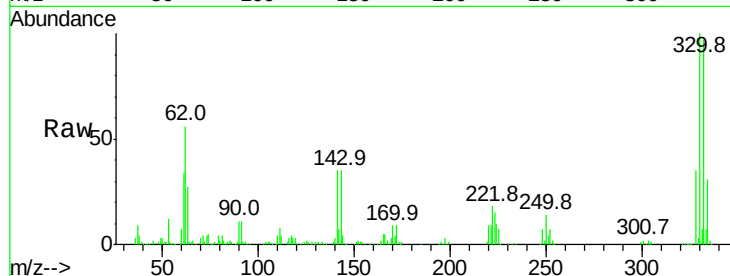




#41
 2,4,6-Tribromophenol
 Concen: 139.571 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	42.0	31.4	47.2

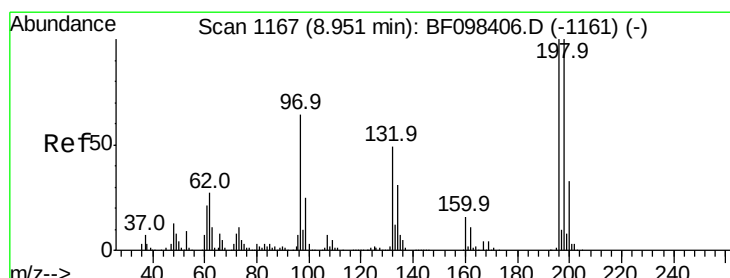
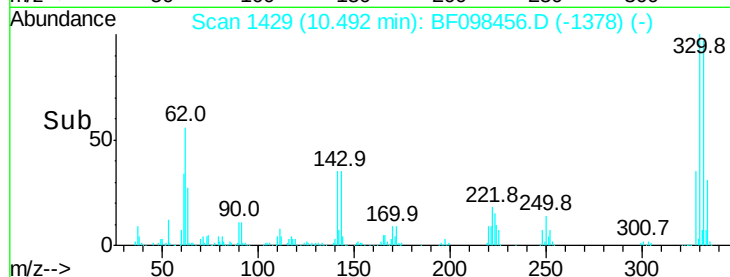
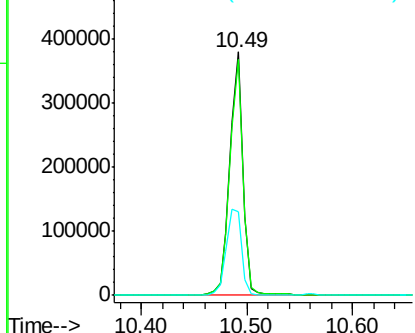


Abundance

Ion 329.80 (329.50 to 330.50): E

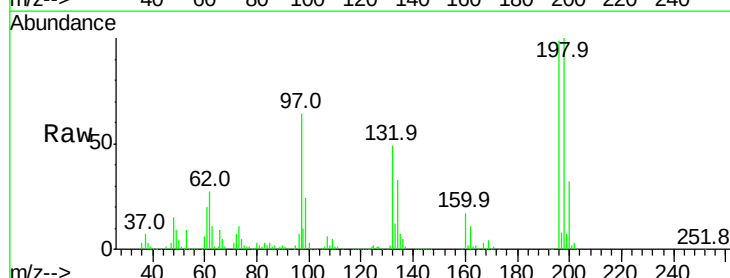
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.832 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.2	111.4
200	32.6	24.0	36.0

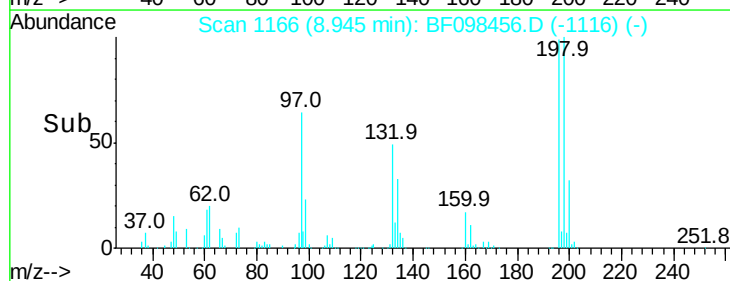
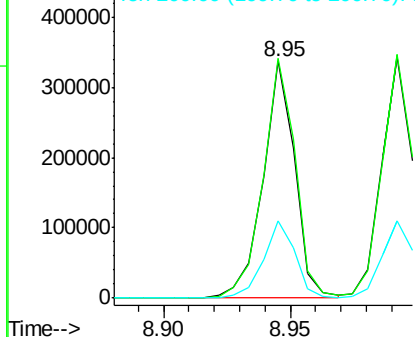


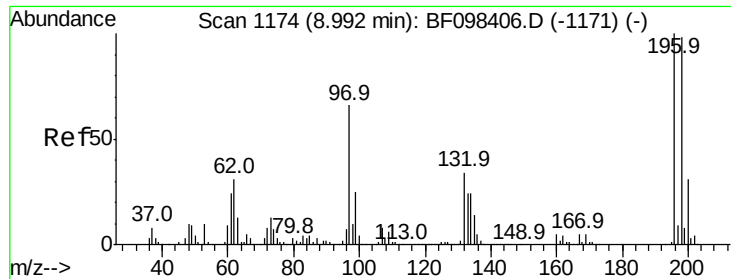
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

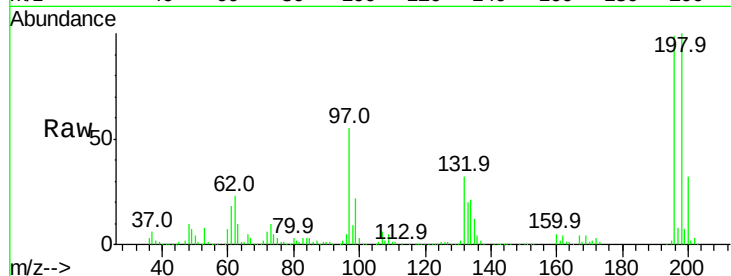




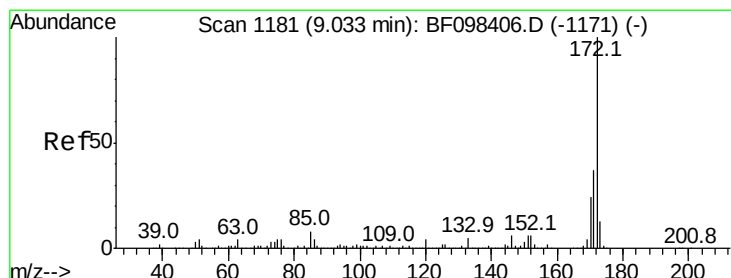
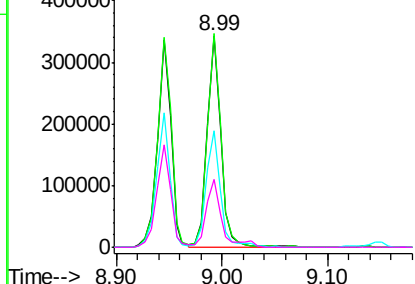
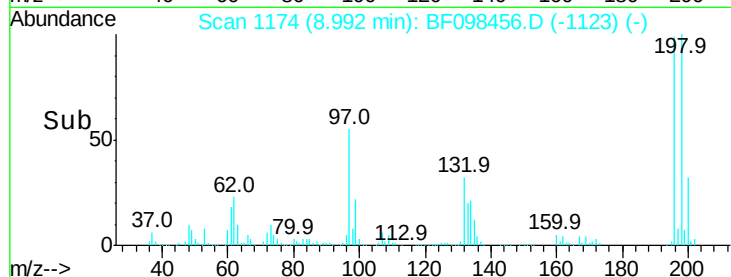
#43
 2,4,5-Trichlorophenol
 Concen: 46.152 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:196 Resp: 312586
 Ion Ratio Lower Upper
 196 100
 198 101.0 75.7 113.5
 97 55.1 47.7 71.5
 132 32.4 28.0 42.0

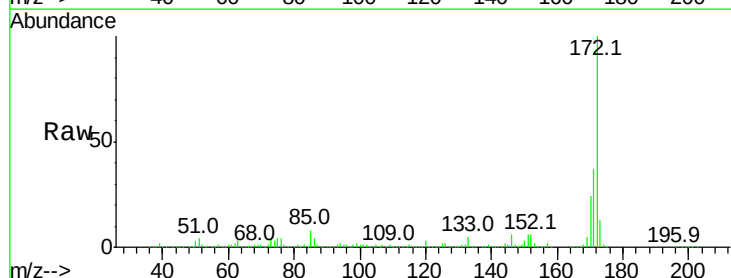


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

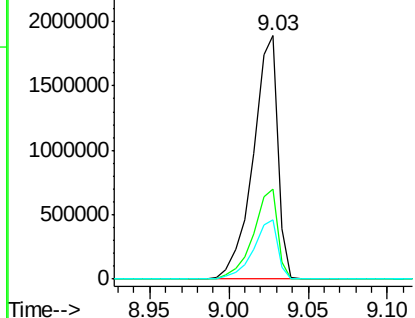
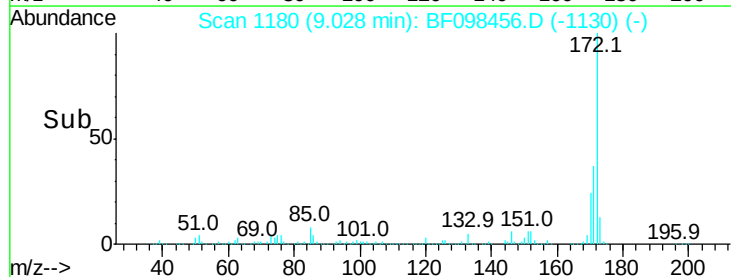


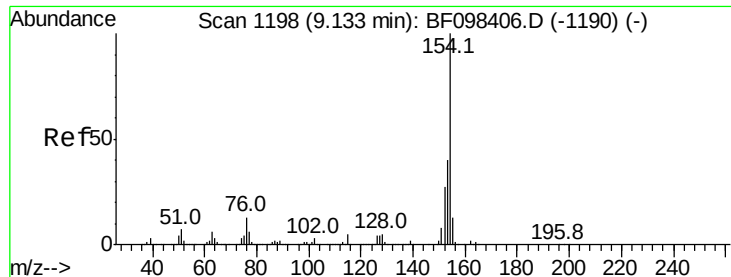
#44
 2-Fluorobiphenyl
 Concen: 97.884 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:172 Resp: 2045357
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.3 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: 41.140 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

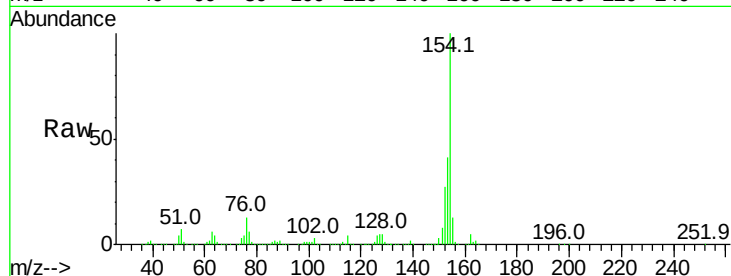
Tot Ion:154 Resp: 1304125

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

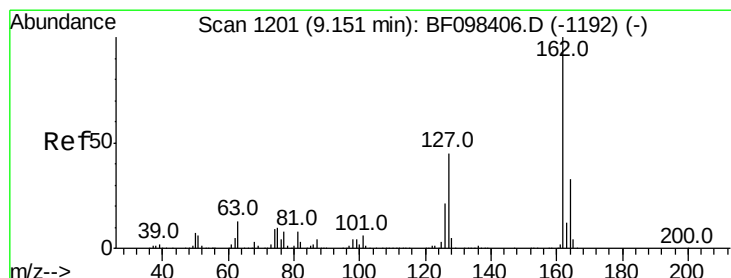
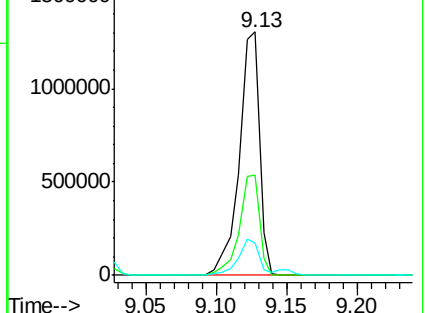
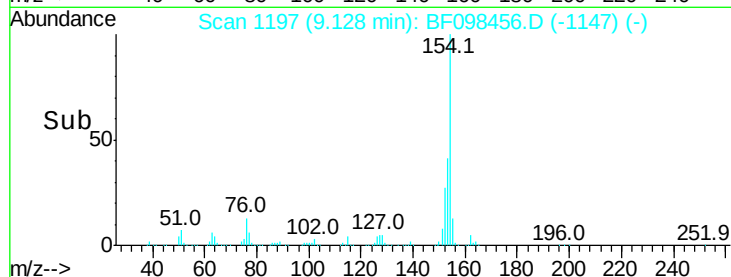
76 13.1 0.0 29.9



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: 43.644 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

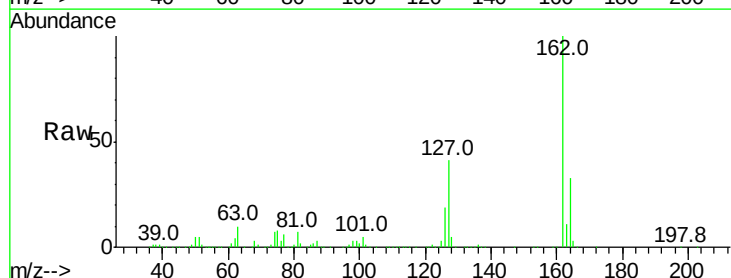
Tgt Ion:162 Resp: 988071

Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

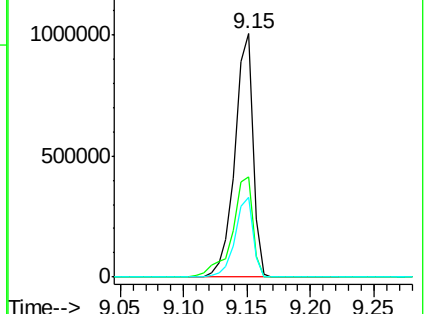
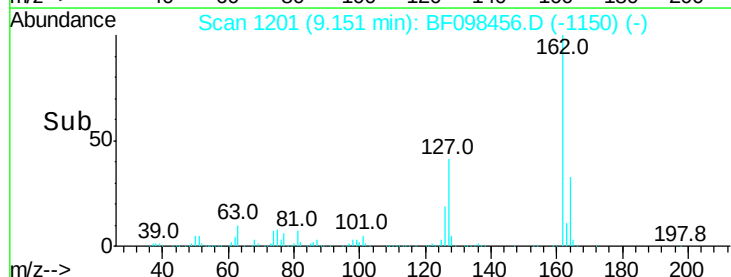
164 32.6 27.0 40.4

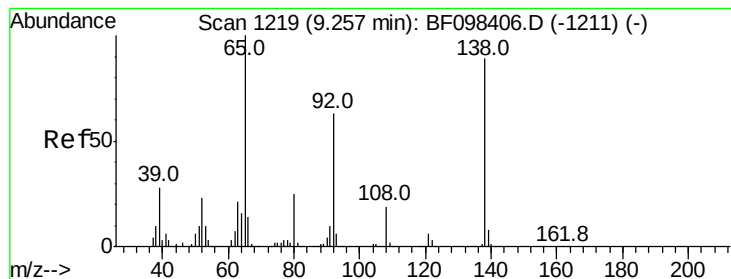


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.657 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

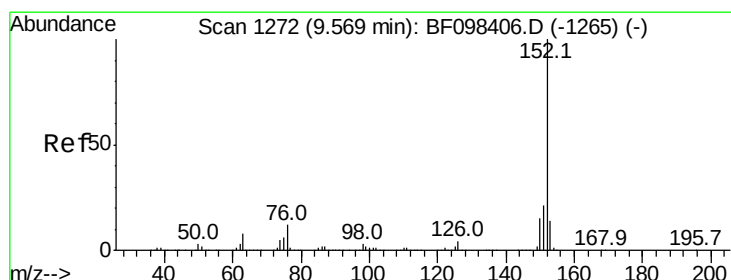
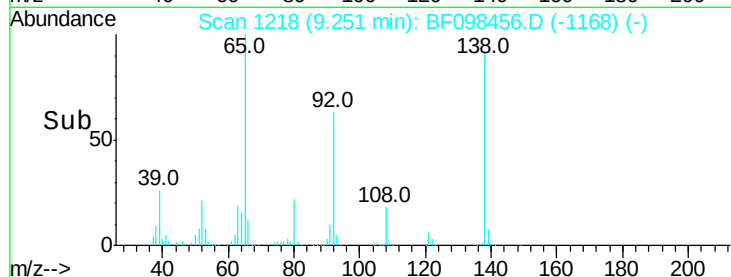
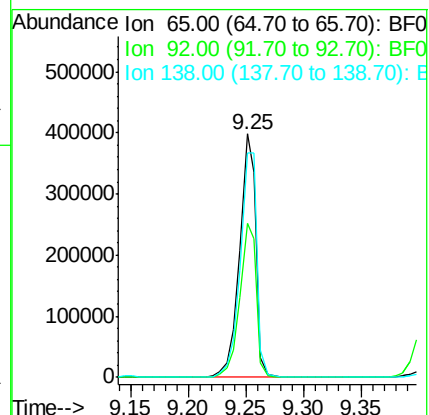
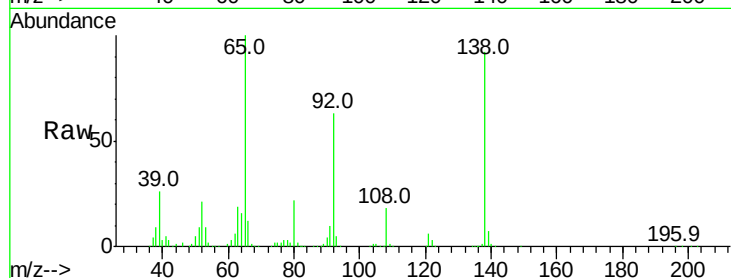
Tot Ion: 65 Resp: 388042

Ion Ratio Lower Upper

65 100

92 63.3 53.9 80.9

138 92.0 78.8 118.2



#48

Acenaphthylene

Concen: 41.924 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

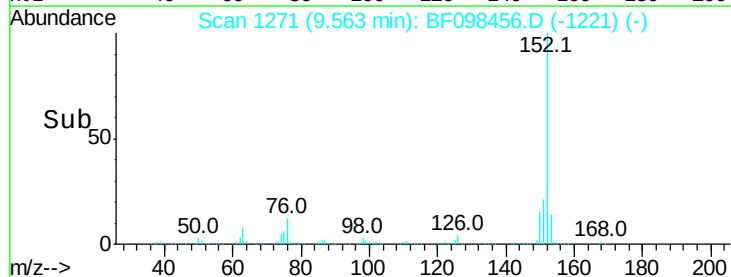
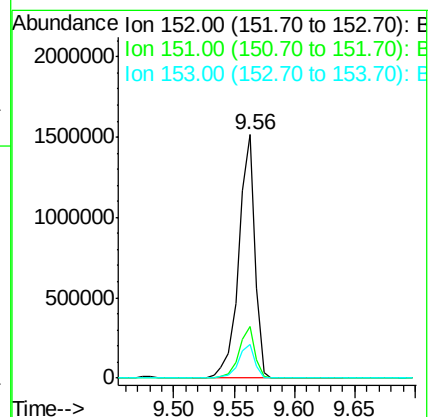
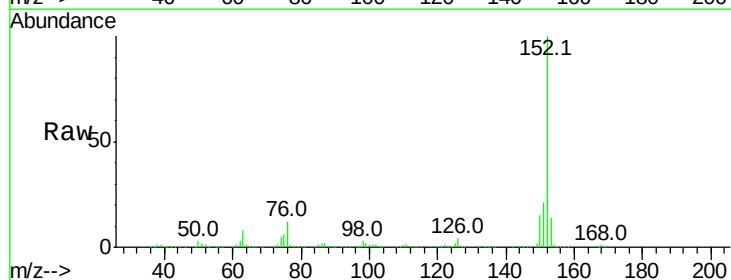
Tgt Ion: 152 Resp: 1411198

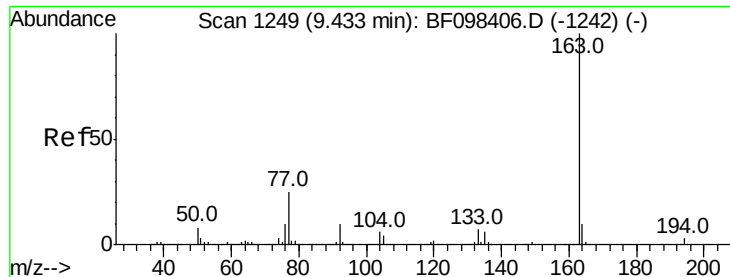
Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 14.1 10.8 16.2

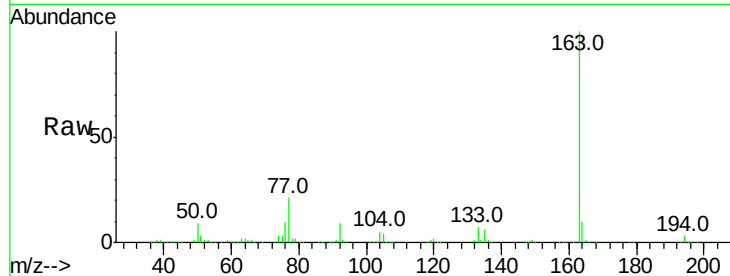




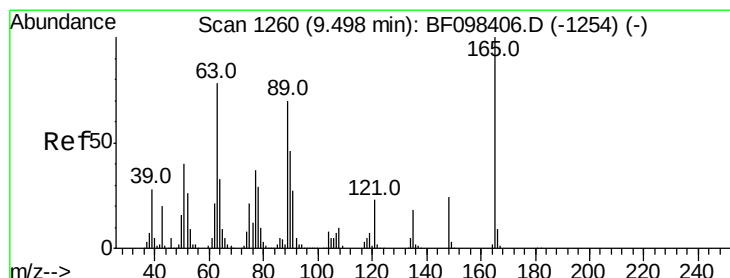
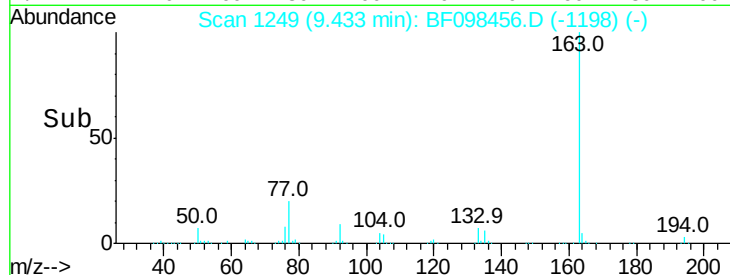
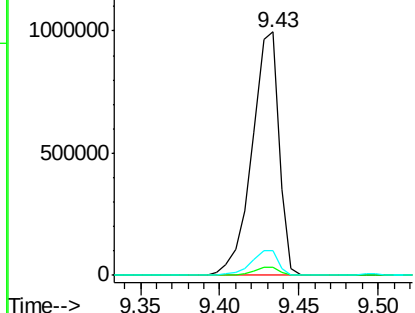
#49
Dimethylphthalate
Concen: 43.317 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:163 Resp: 1187555
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6

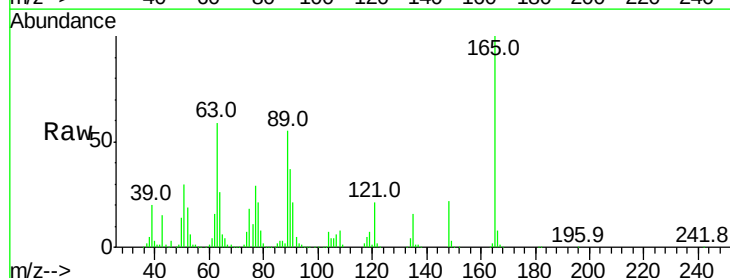


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

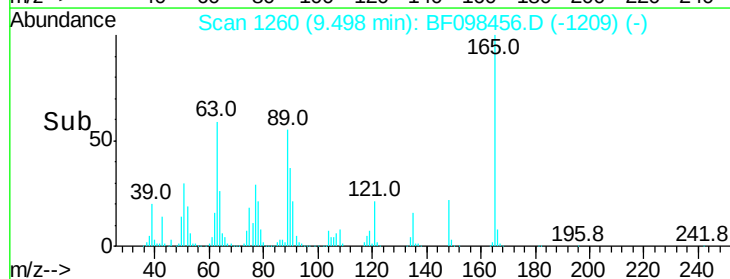
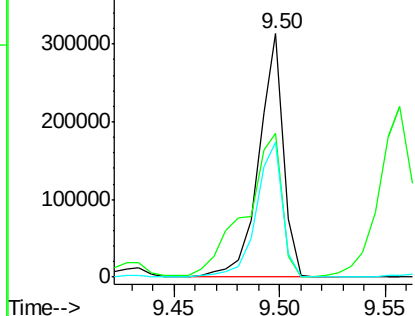


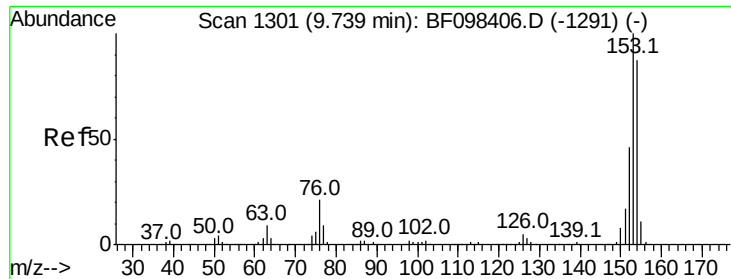
#50
2,6-Dinitrotoluene
Concen: 44.882 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:165 Resp: 252748
Ion Ratio Lower Upper
165 100
63 59.3 34.3 51.5#
89 55.1 37.1 55.7



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





#51

Acenaphthene

Concen: 41.731 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

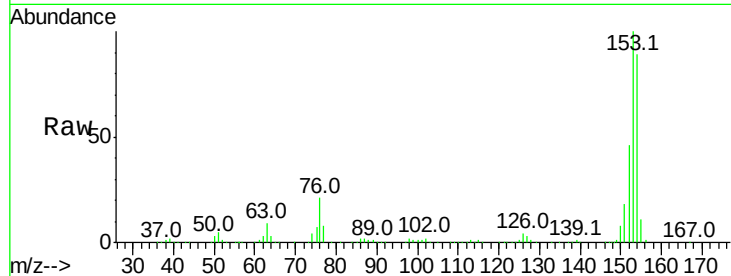
Tot Ion:154 Resp: 892932

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

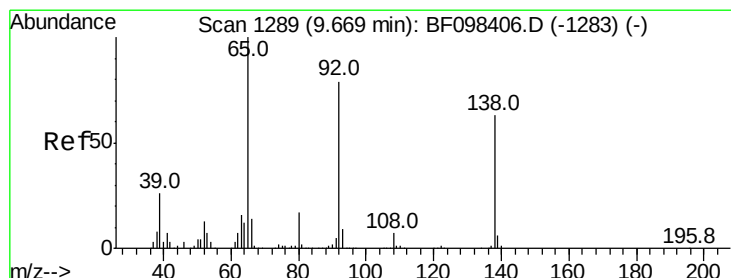
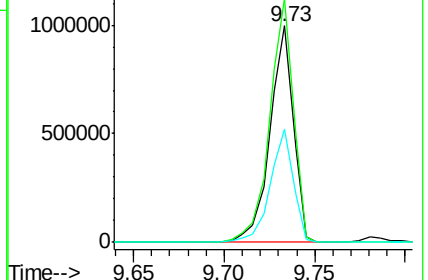
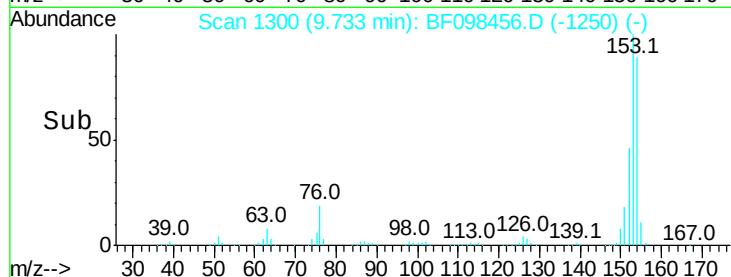
152 52.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.500 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

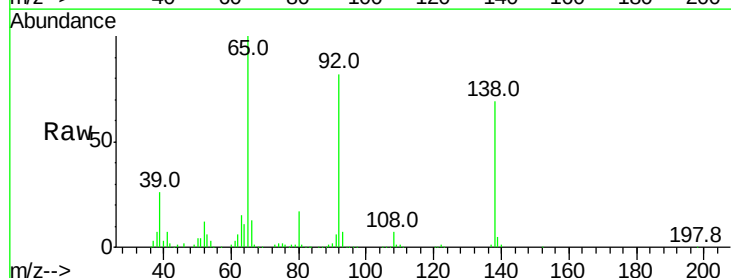
Tgt Ion:138 Resp: 234525

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

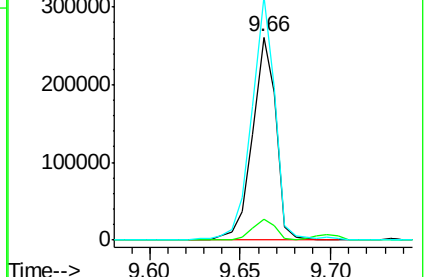
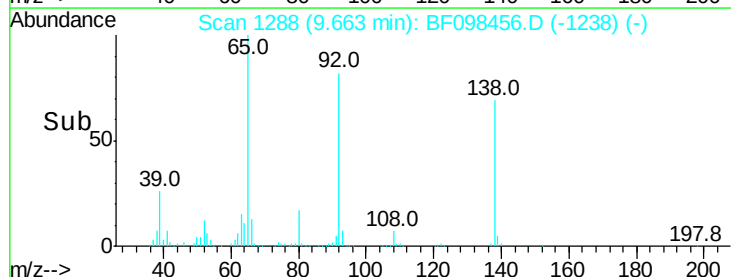
92 120.1 93.8 140.6

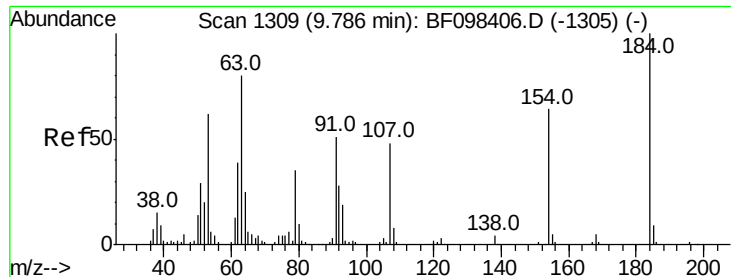


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 23.203 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

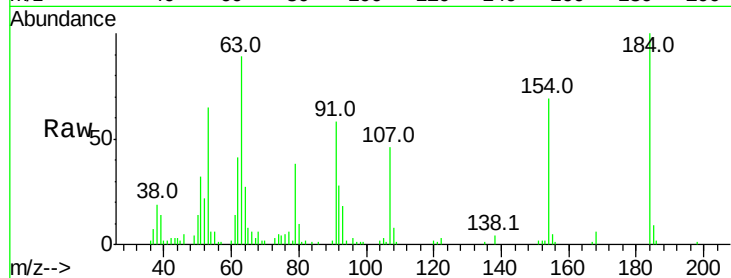
Tot Ion:184 Resp: 43733

Ion Ratio Lower Upper

184 100

63 88.6 62.7 94.1

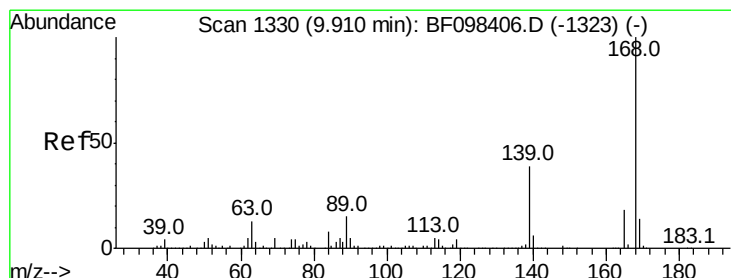
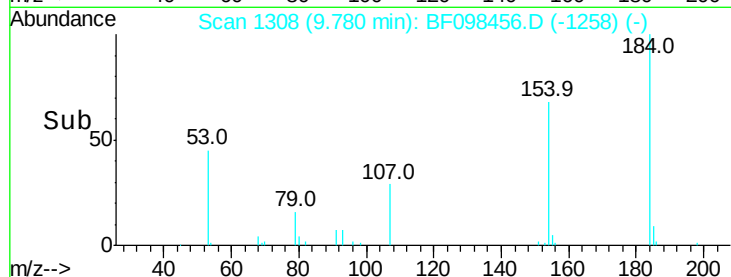
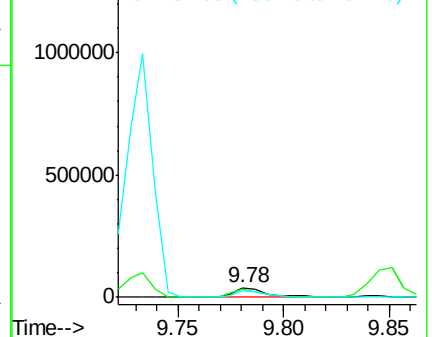
154 69.5 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.624 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

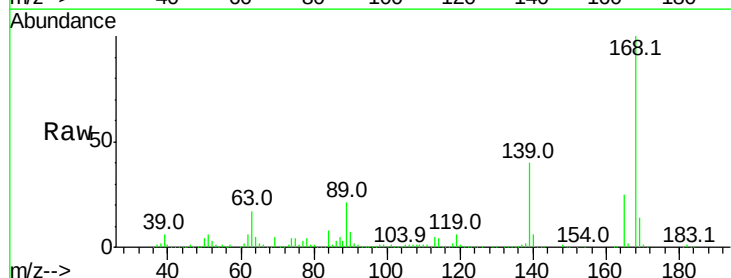
Tgt Ion:168 Resp: 1229706

Ion Ratio Lower Upper

168 100

139 40.4 30.6 45.8

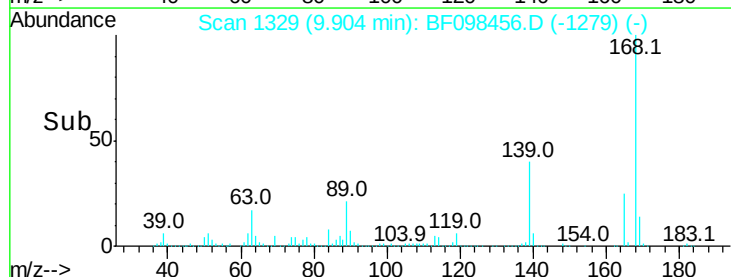
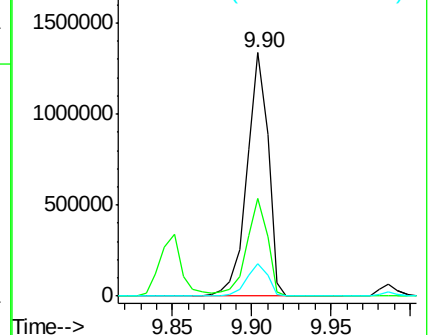
169 13.5 10.8 16.2

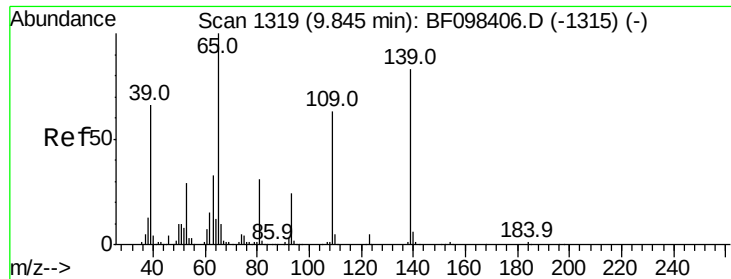


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.686 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

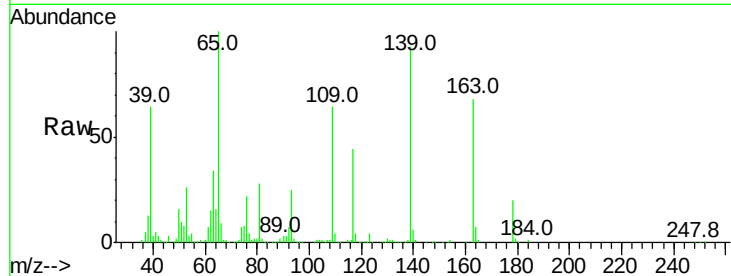
Tot Ion:139 Resp: 330747

Ion Ratio Lower Upper

139 100

109 68.5 34.1 74.1

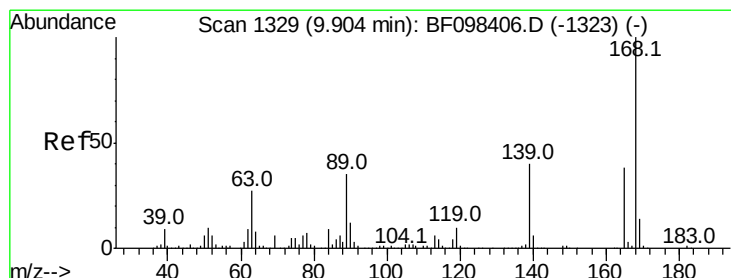
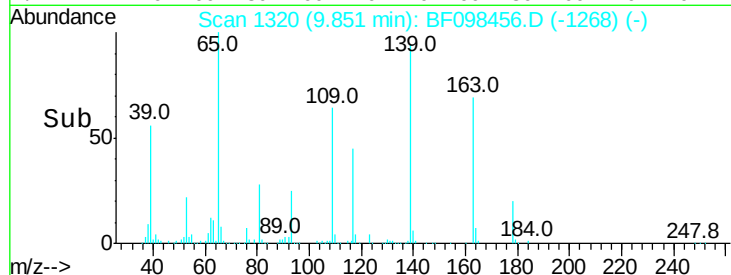
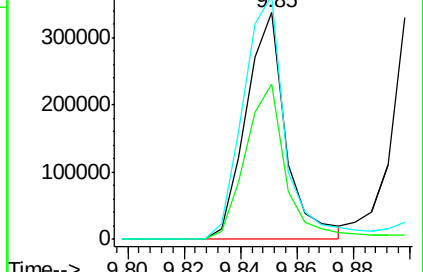
65 107.4 31.4 71.4#



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: 42.343 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:165 Resp: 289897

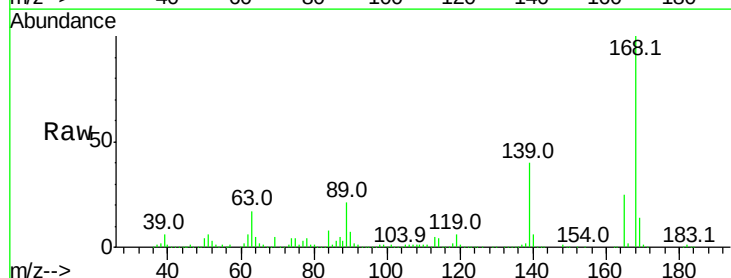
Ion Ratio Lower Upper

165 100

63 69.2 25.4 38.0#

89 83.7 46.4 69.6#

182 2.6 1.8 2.6

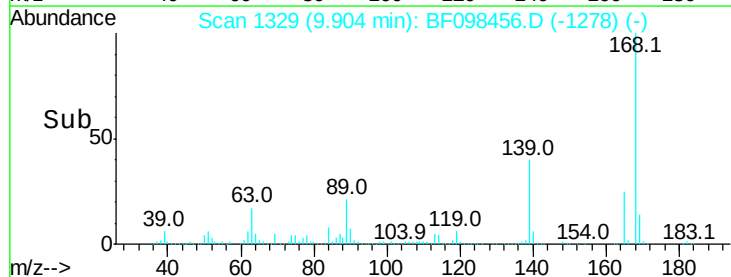
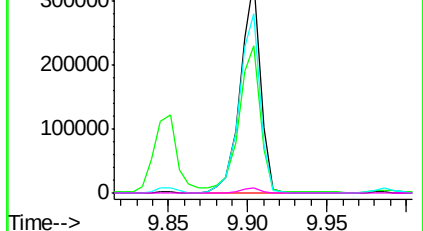


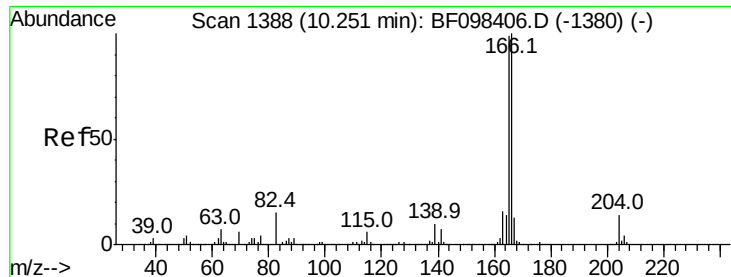
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.763 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

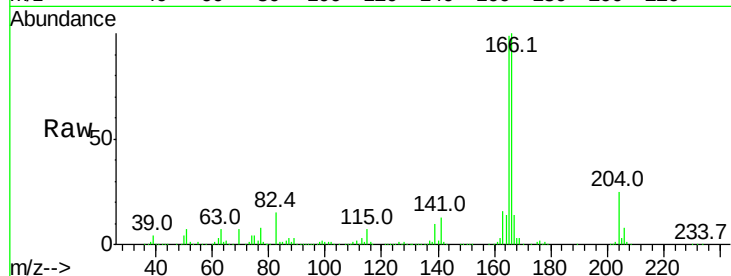
Tot Ion:166 Resp: 951071

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

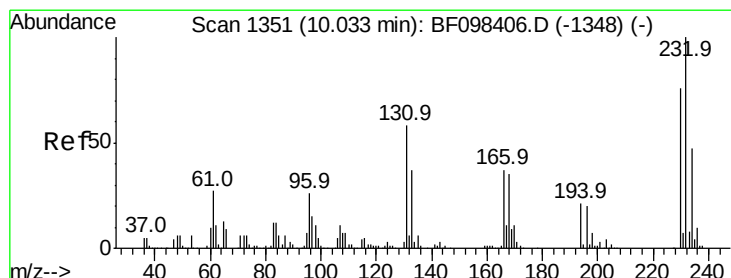
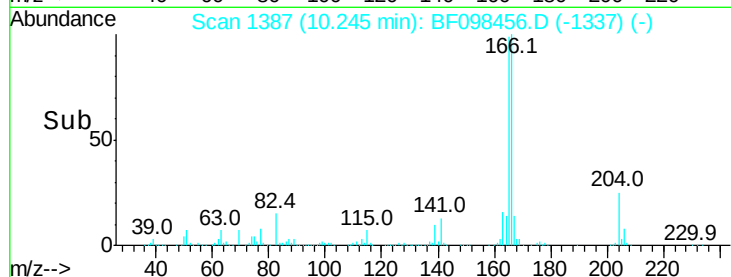
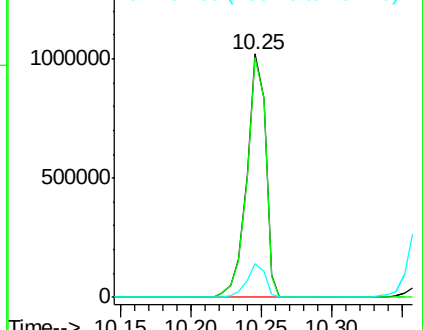
167 13.7 10.6 16.0



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: 48.699 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:232 Resp: 221667

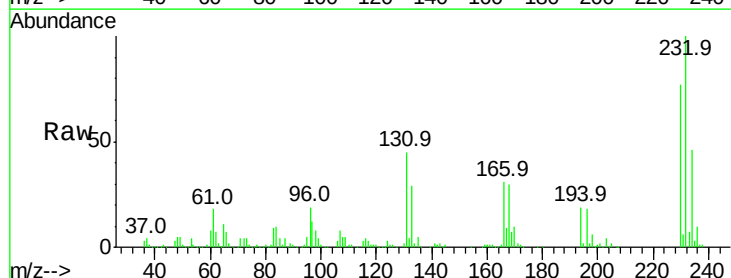
Ion Ratio Lower Upper

232 100

131 51.6 44.8 67.2

130 2.7 2.3 3.5

166 33.7 29.0 43.4

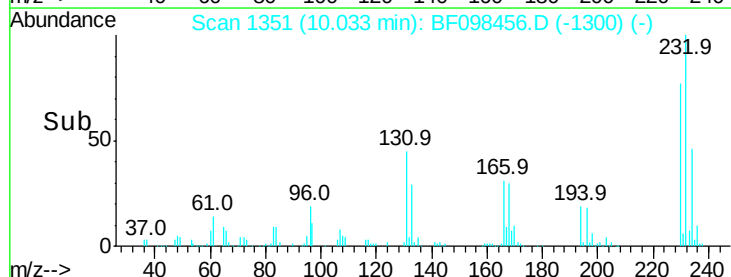
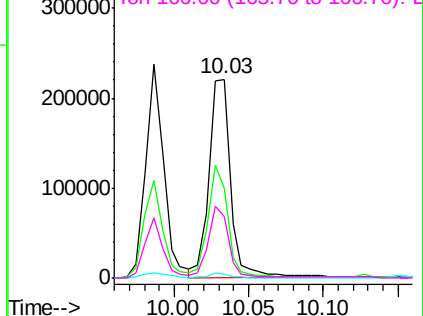


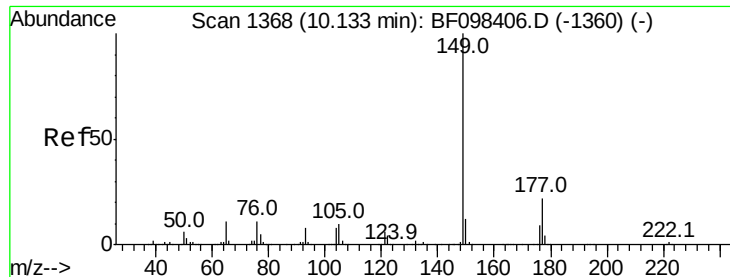
Abundance Ion 232.00 (231.70 to 232.70): E

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

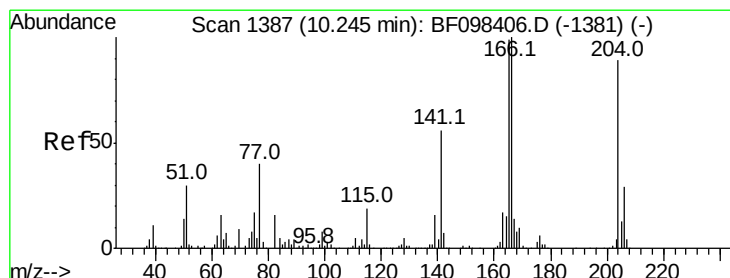
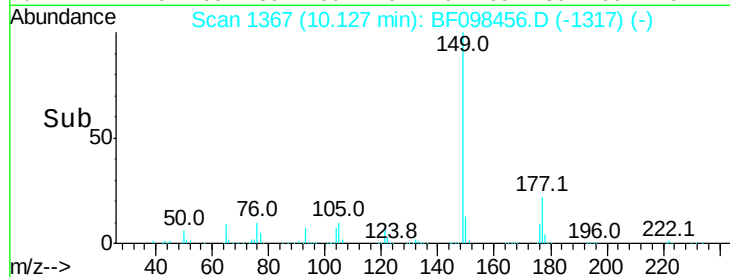
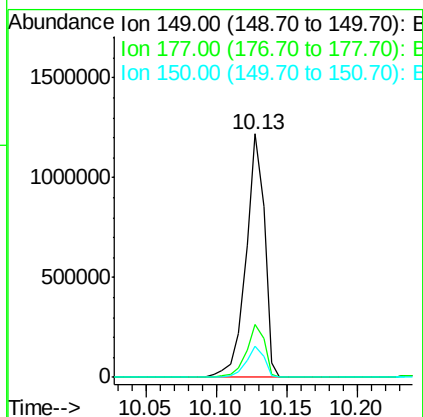
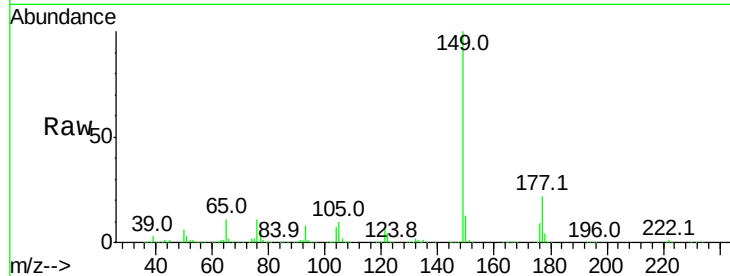




#59
Diethylphthalate
Concen: 42.791 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

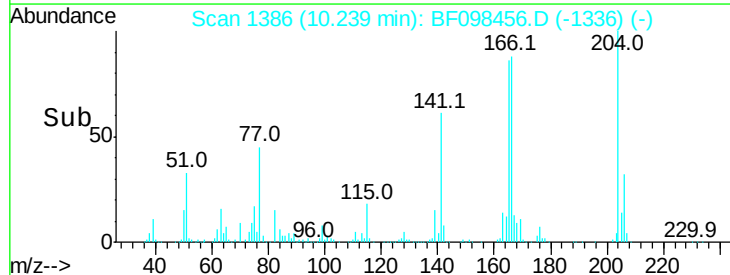
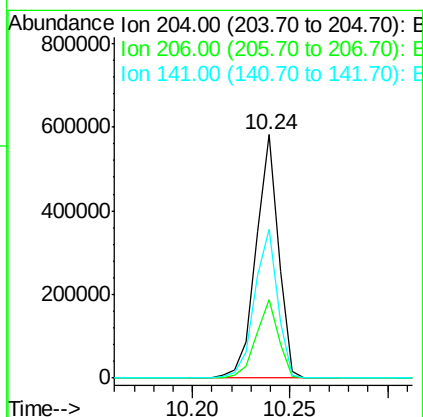
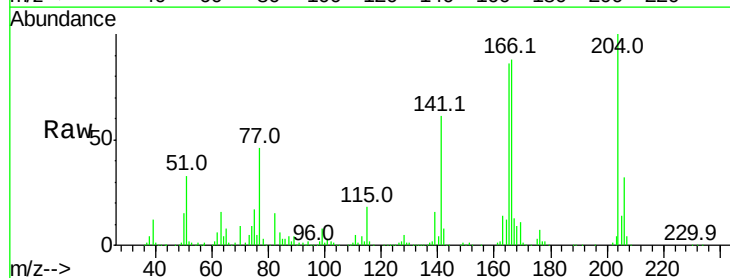
Instrument :
BNA_F
ClientSampleId :
PB102209BS

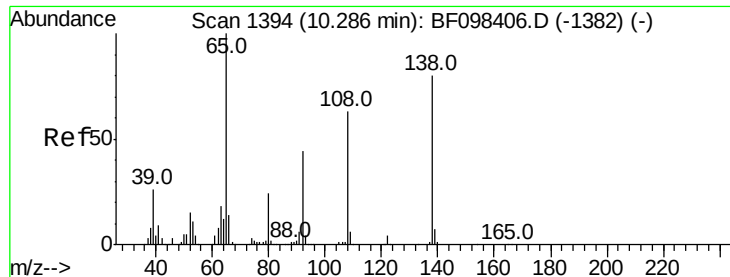
Tot Ion:149 Resp: 1115688
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.090 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:204 Resp: 464372
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 61.4 60.8 91.2

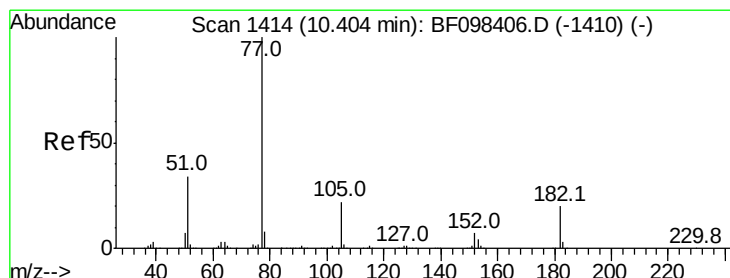
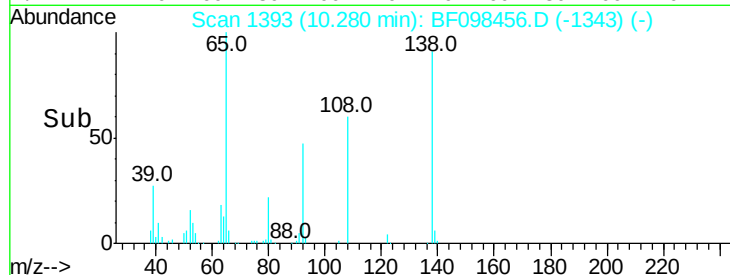
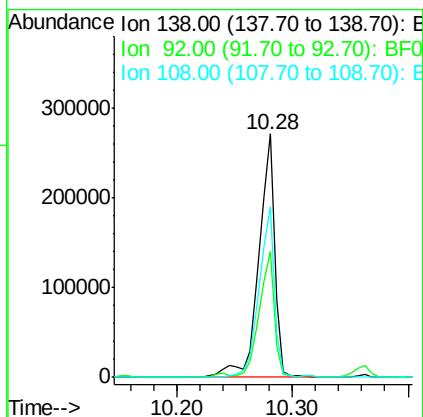
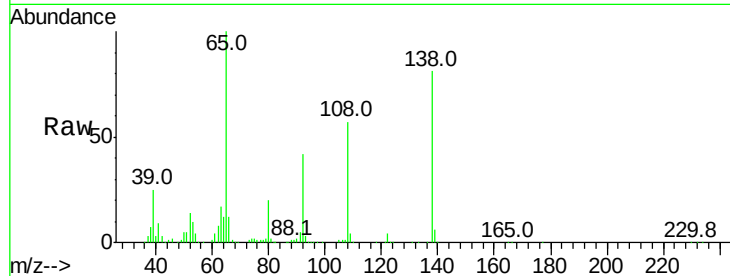




#61
4-Nitroaniline
Concen: 38.946 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

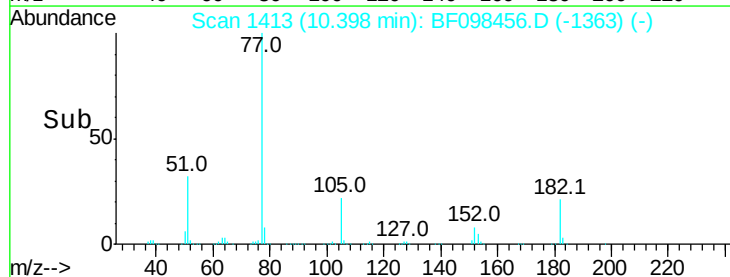
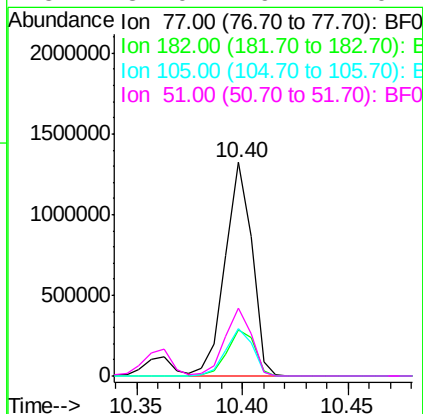
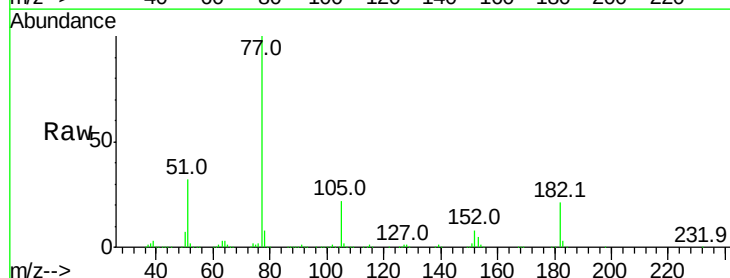
Instrument :
BNA_F
ClientSampleId :
PB102209BS

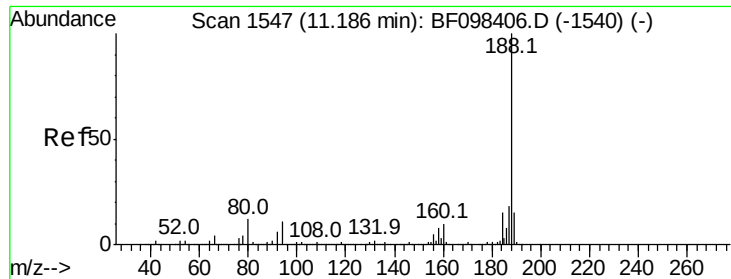
Tot Ion:138 Resp: 267367
Ion Ratio Lower Upper
138 100
92 51.6 21.8 61.8
108 70.2 42.3 82.3



#62
Azobenzene
Concen: 41.046 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion: 77 Resp: 1153412
Ion Ratio Lower Upper
77 100
182 21.5 0.1 40.1
105 22.5 3.6 43.6
51 32.0 9.4 49.4

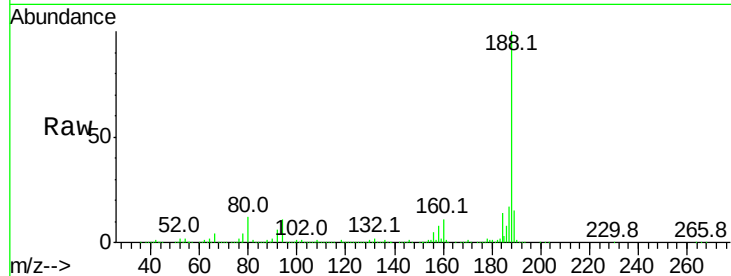




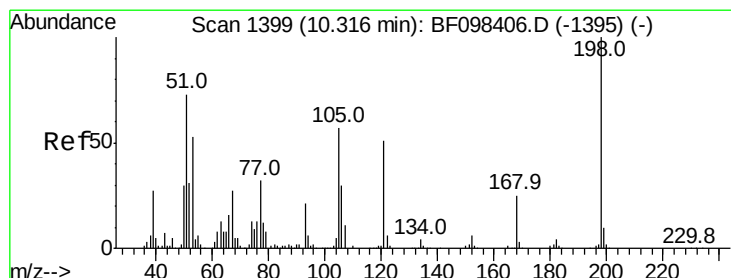
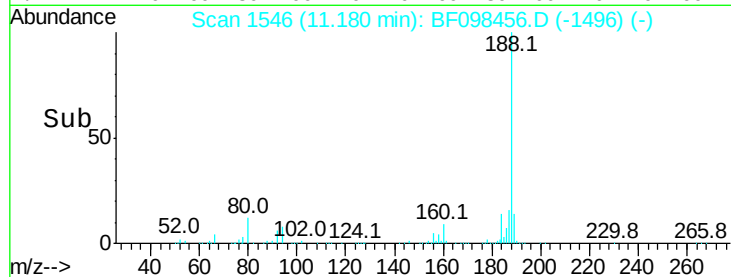
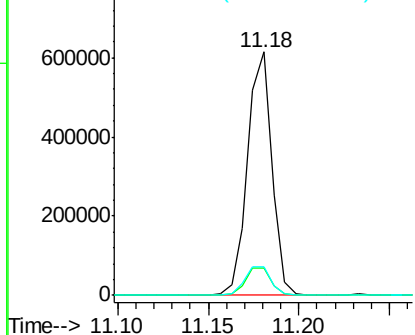
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:188 Resp: 573550
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.0 10.2 15.2

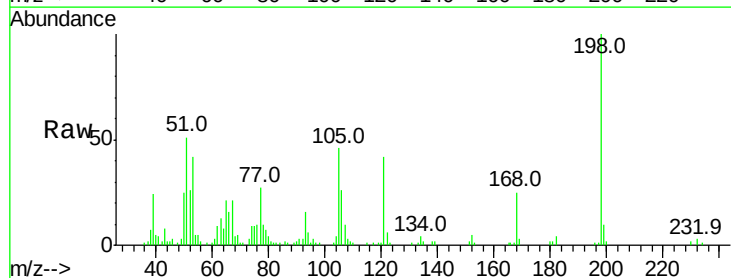


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

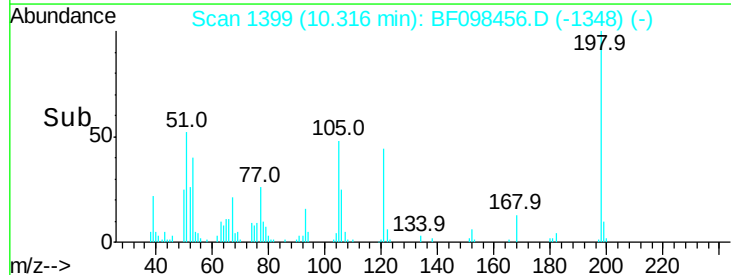
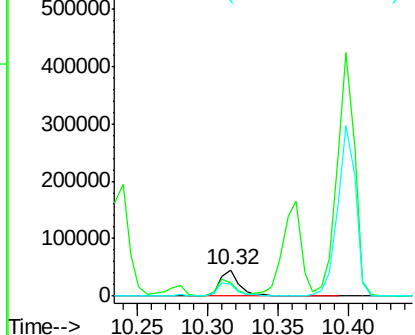


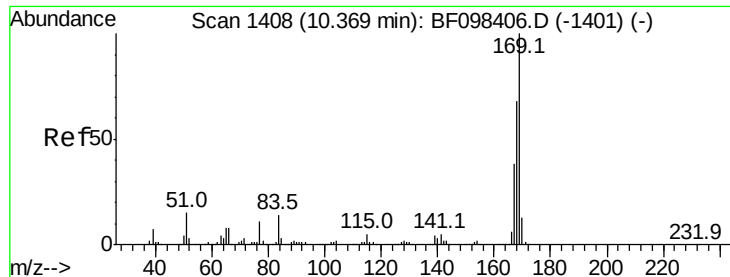
#64
4,6-Dinitro-2-methylphenol
Concen: 16.291 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:198 Resp: 44444
Ion Ratio Lower Upper
198 100
51 51.4 53.2 93.2#
105 46.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.202 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

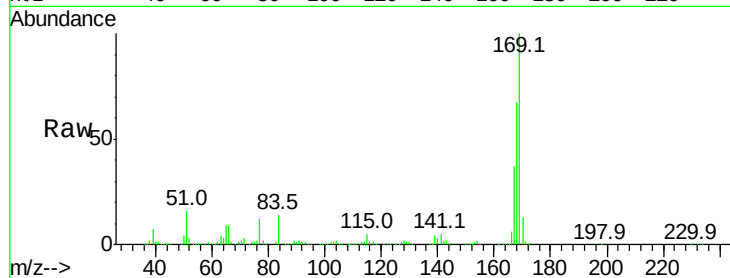
Tot Ion:169 Resp: 879073

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

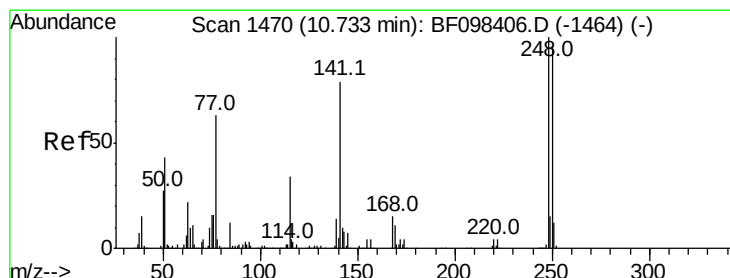
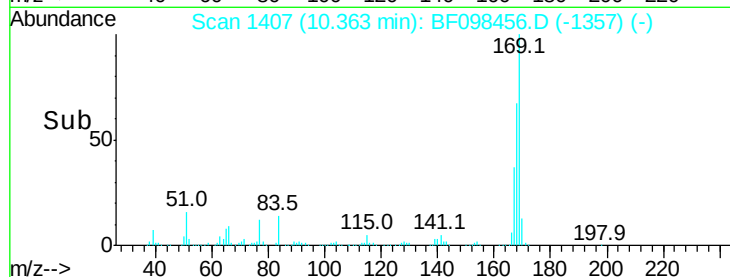
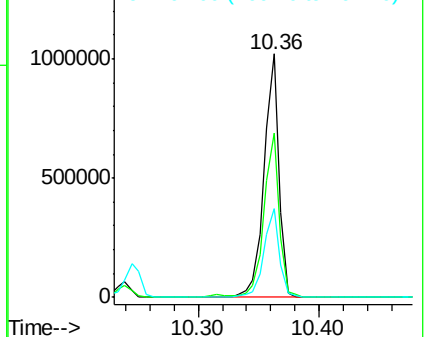
167 36.7 29.5 44.3



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: 49.120 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

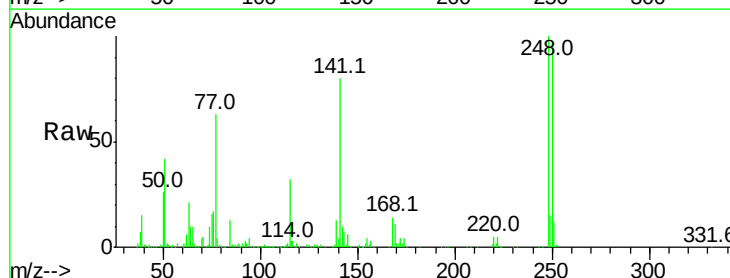
Tgt Ion:248 Resp: 267384

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

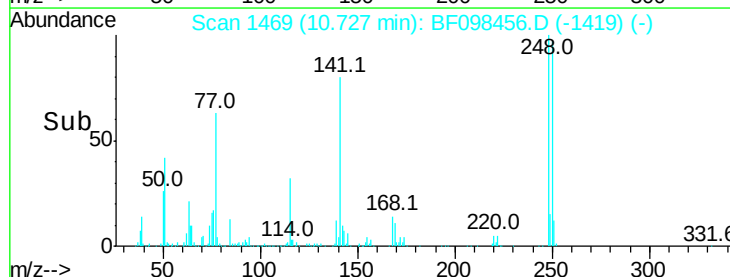
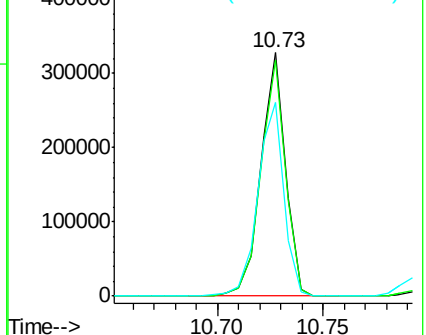
141 79.7 68.6 103.0

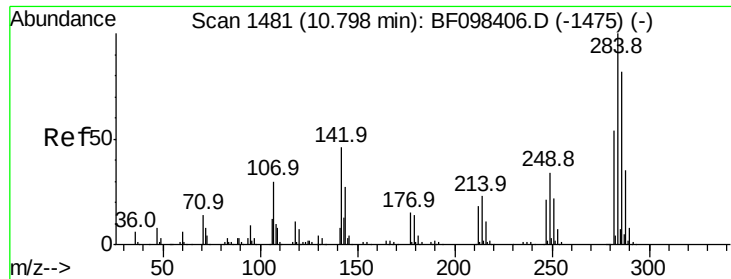


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.832 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

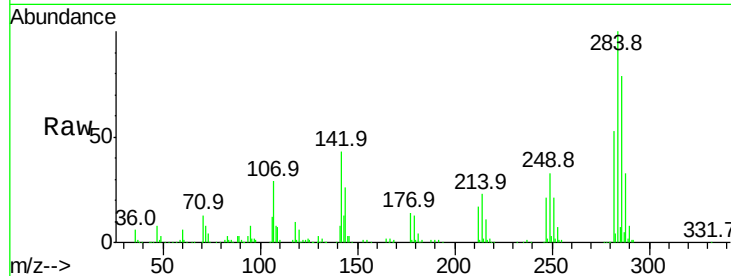
Tot Ion:284 Resp: 247544

Ion Ratio Lower Upper

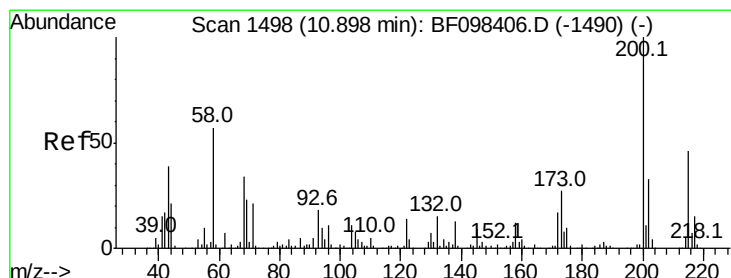
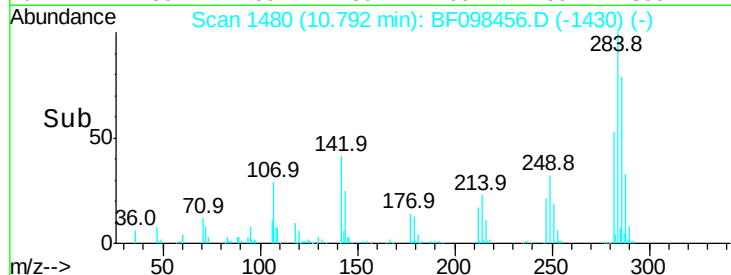
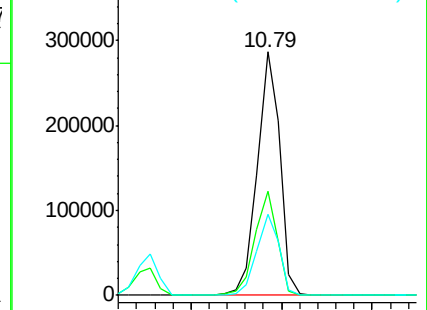
284 100

142 42.6 22.8 34.2#

249 33.3 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: 48.020 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

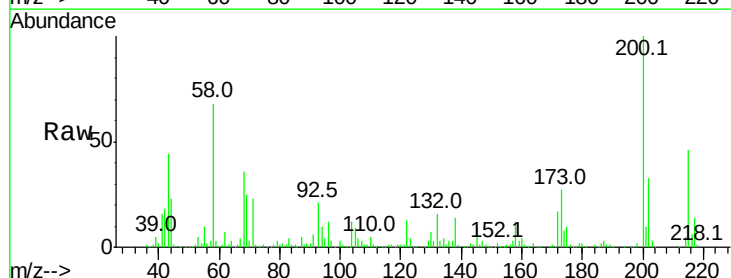
Tgt Ion:200 Resp: 275318

Ion Ratio Lower Upper

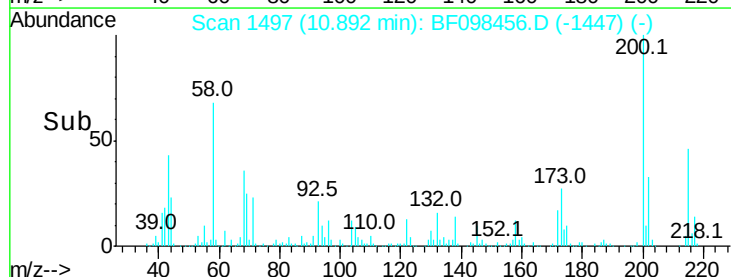
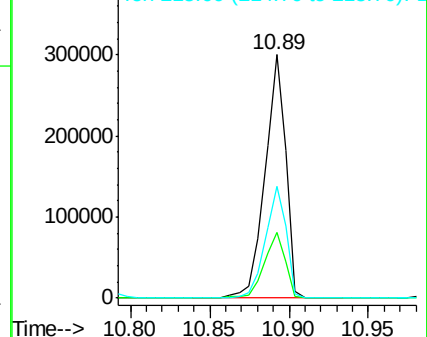
200 100

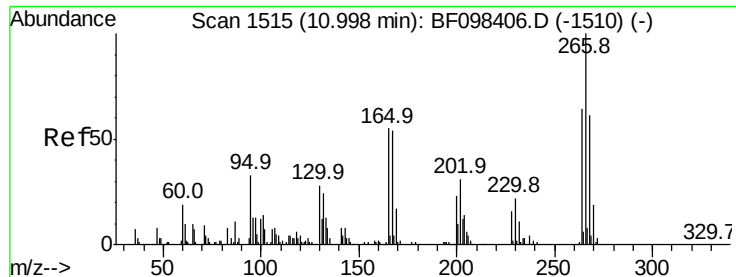
173 27.2 6.3 46.3

215 45.9 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

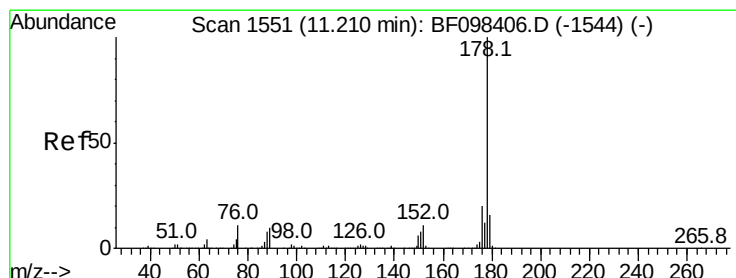
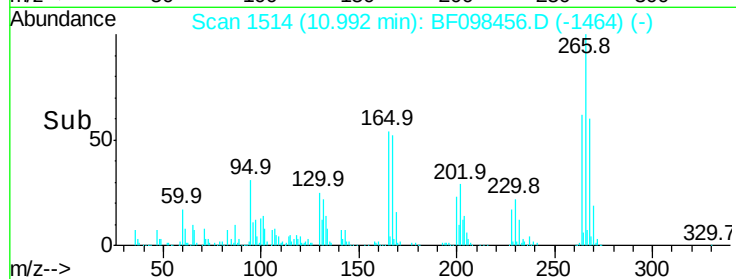
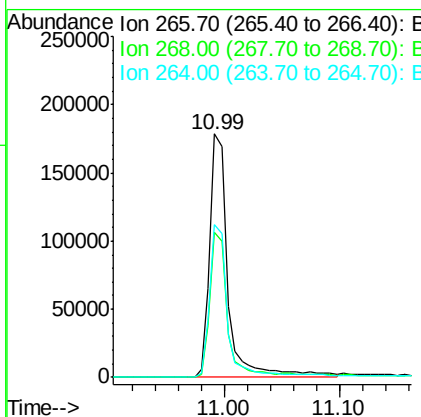
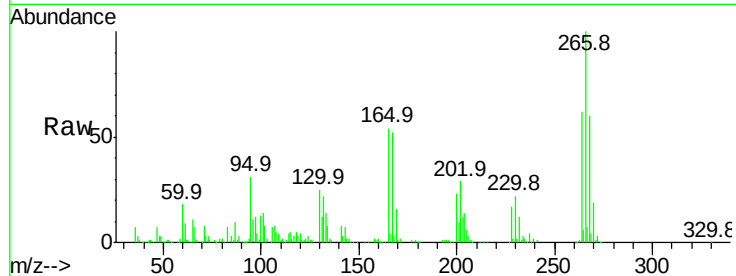




#69
 Pentachlorophenol
 Concen: 81.610 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

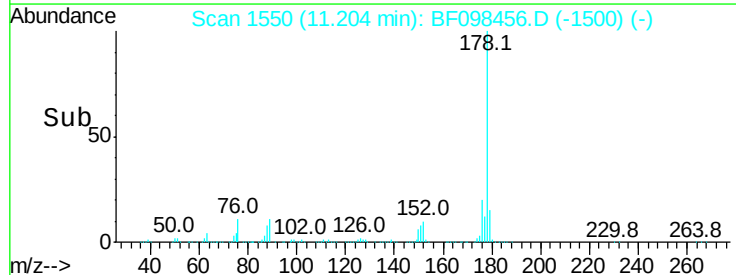
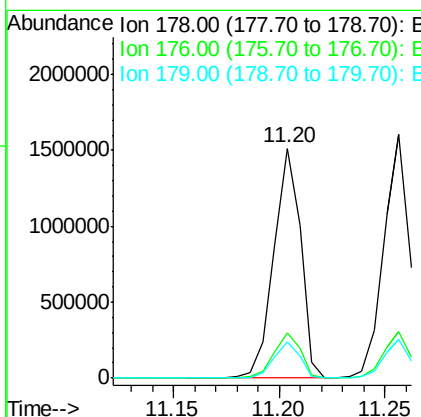
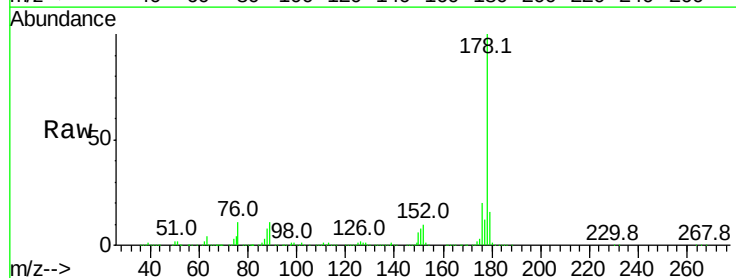
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

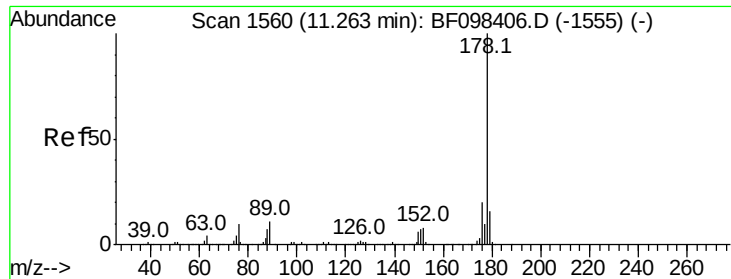
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.7	51.1	76.7
264	62.5	51.7	77.5



#70
 Phenanthrene
 Concen: 44.203 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.8	12.6	19.0

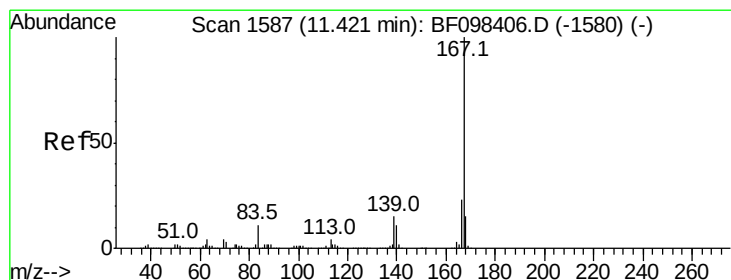
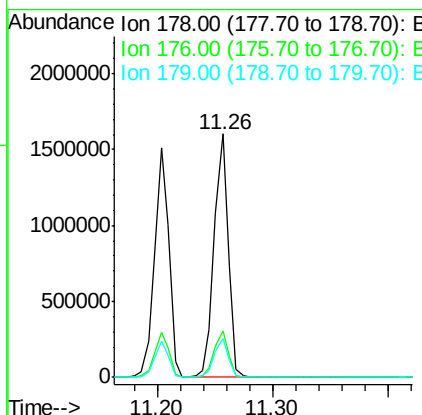
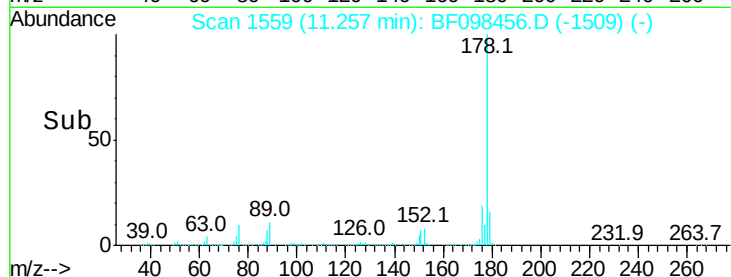
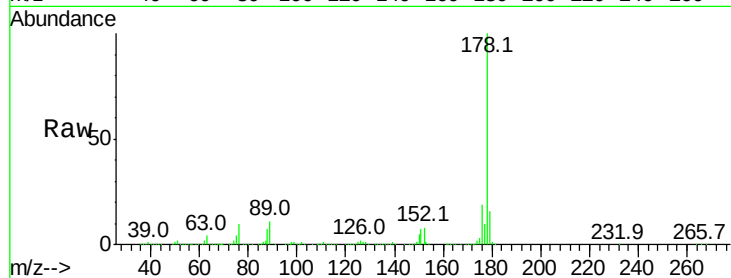




#71
 Anthracene
 Concen: 43.838 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

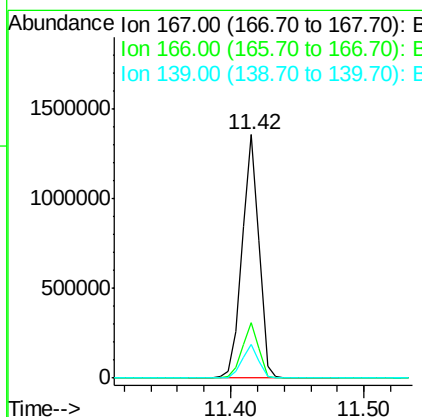
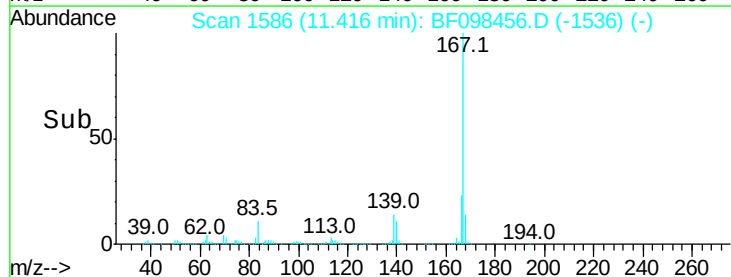
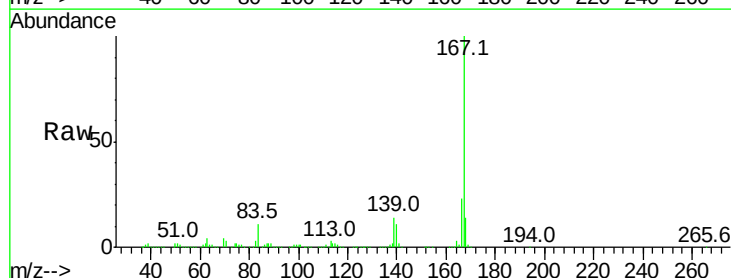
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

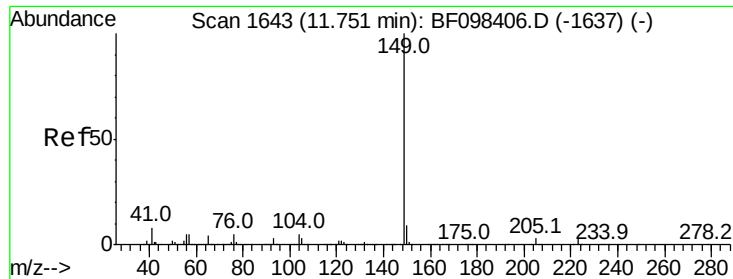
Tot Ion:178 Resp: 1368514
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.715 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:167 Resp: 1184526
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.185 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

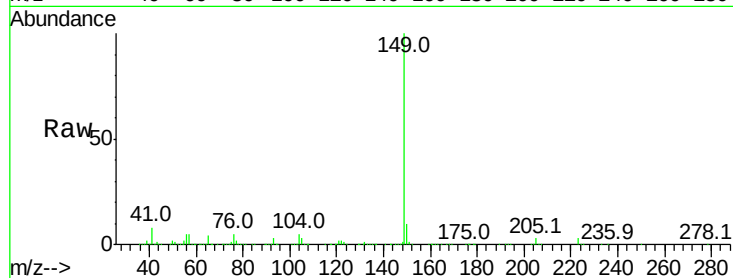
Tot Ion:149 Resp: 1575057

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

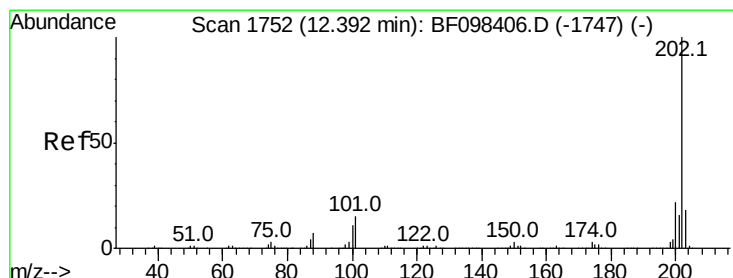
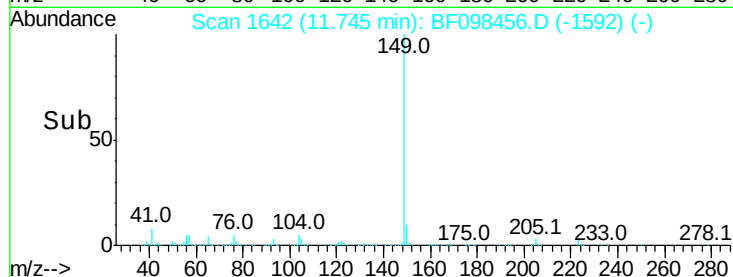
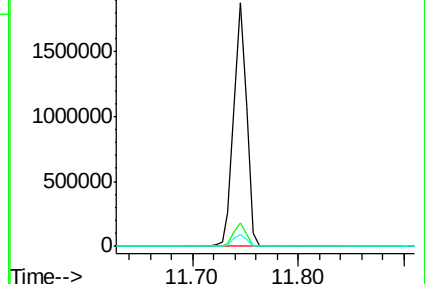
104 5.1 4.0 6.0



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: 39.665 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

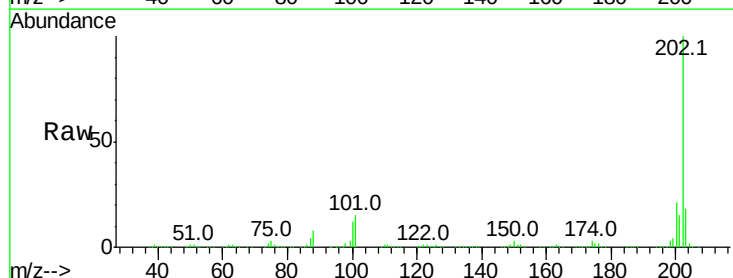
Tgt Ion:202 Resp: 1207349

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.2

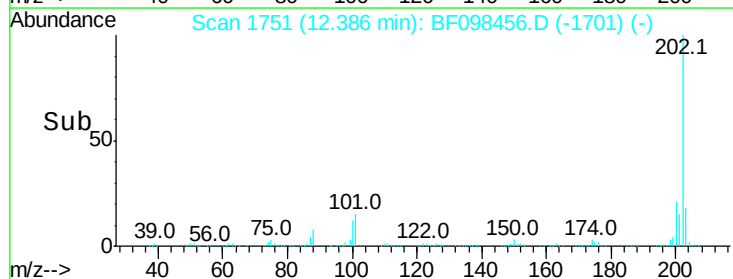
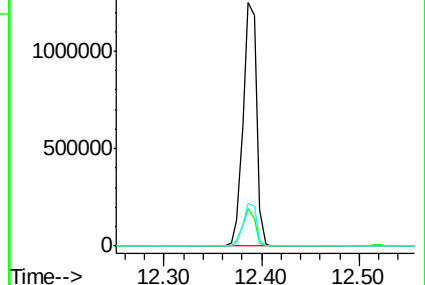
203 17.7 0.0 38.1

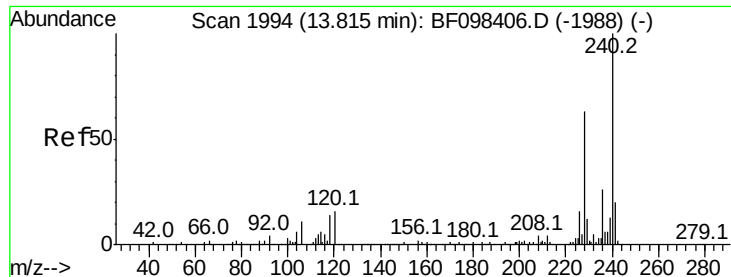


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

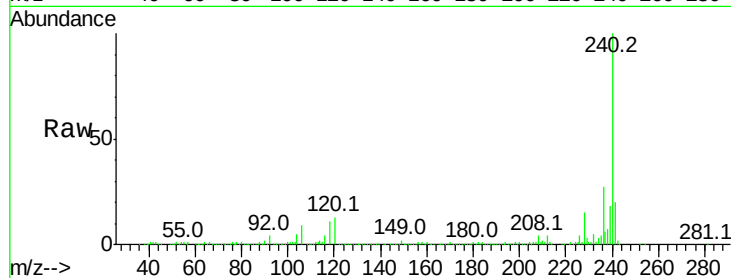
Tot Ion:240 Resp: 361371

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

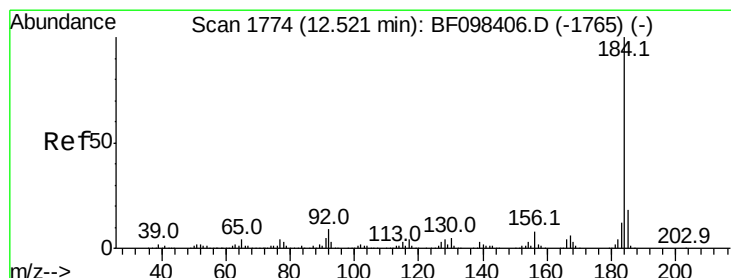
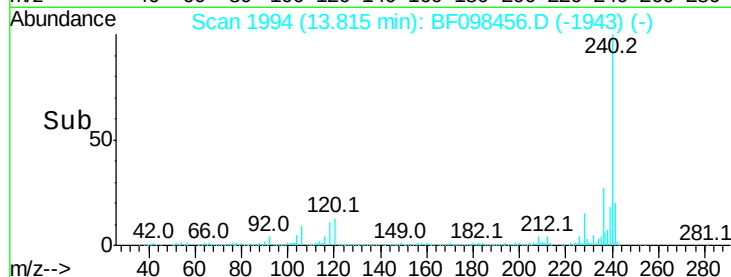
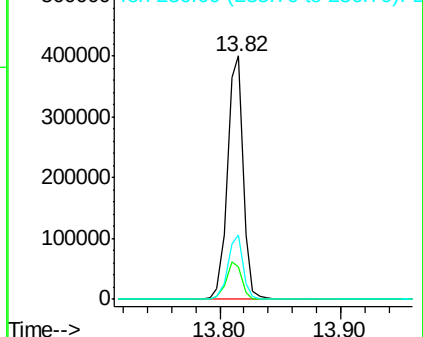
236 26.7 20.5 30.7



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: 56.453 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

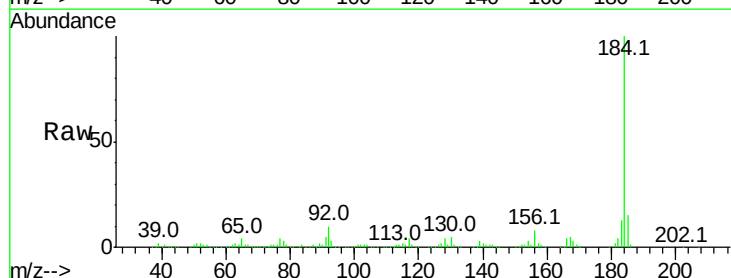
Tgt Ion:184 Resp: 902855

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

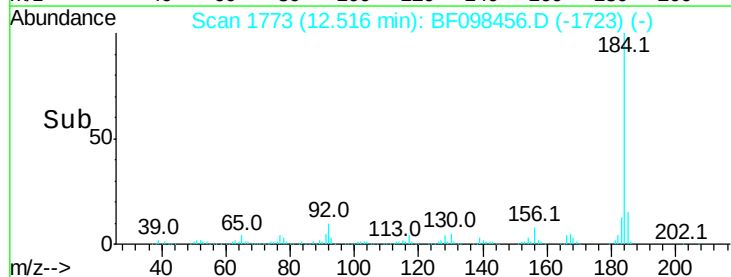
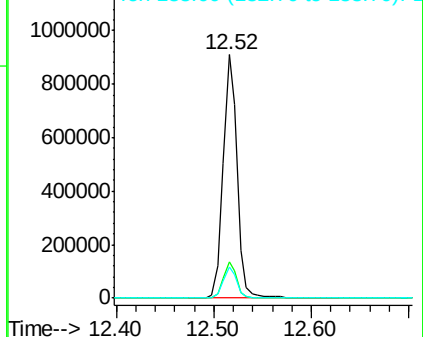
183 12.7 9.8 14.6

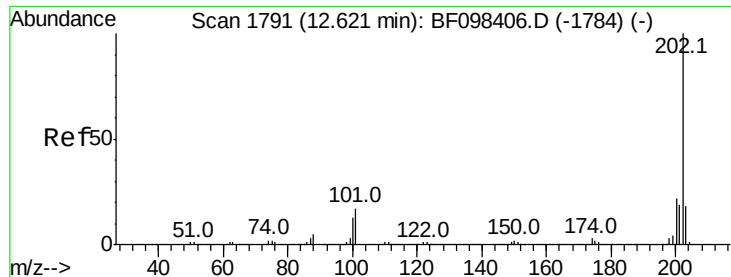


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.361 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

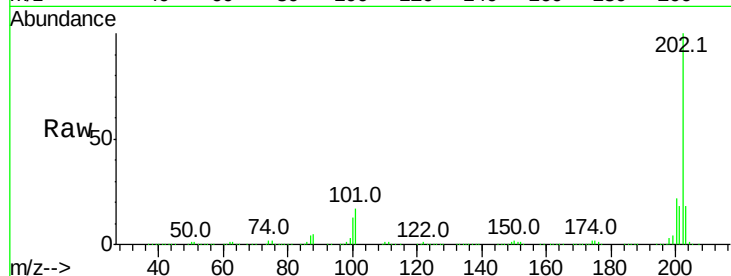
Tot Ion:202 Resp: 1207603

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

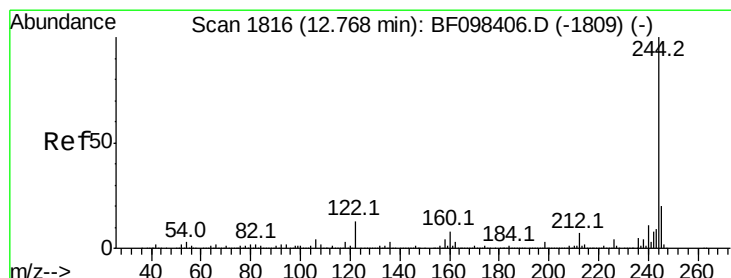
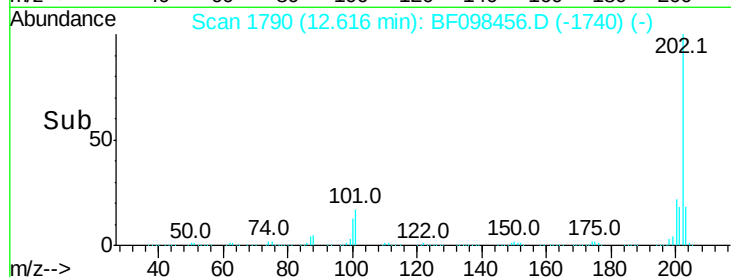
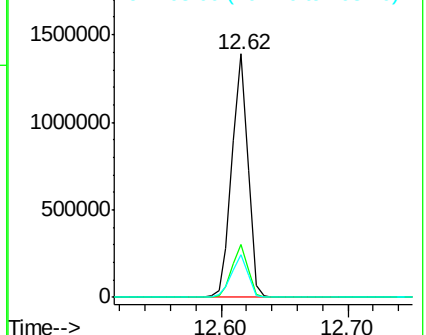
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.991 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

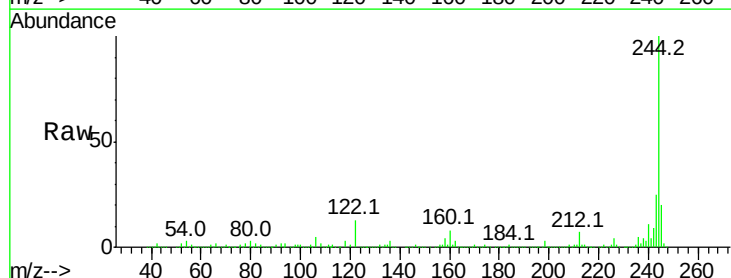
Tgt Ion:244 Resp: 1406185

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

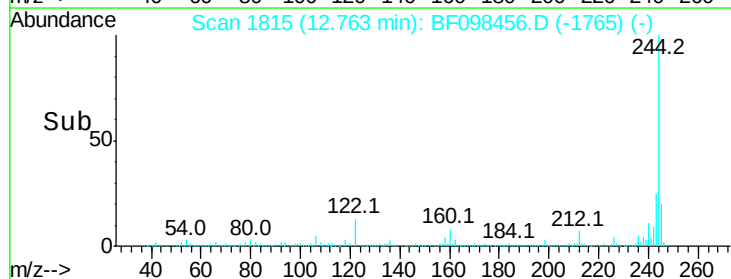
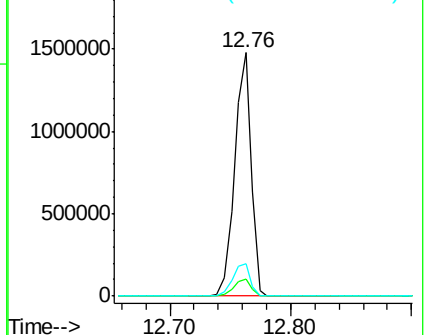
122 13.4 10.3 15.5

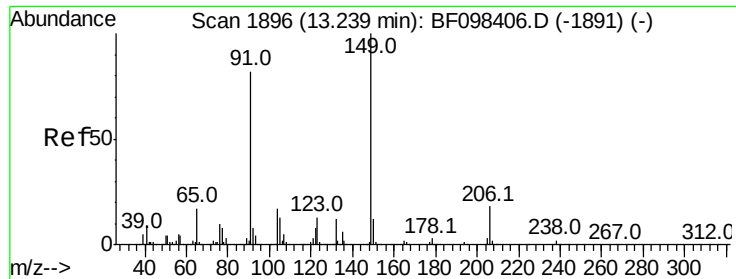


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

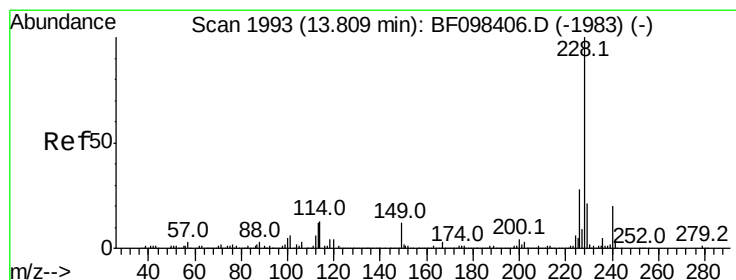
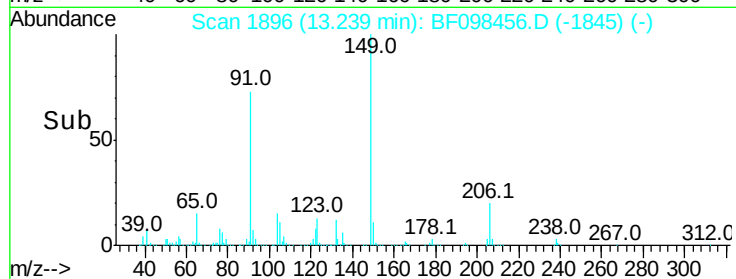
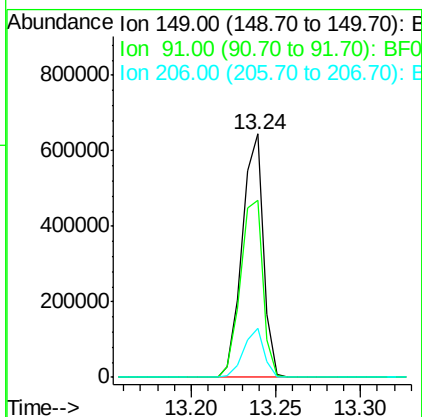
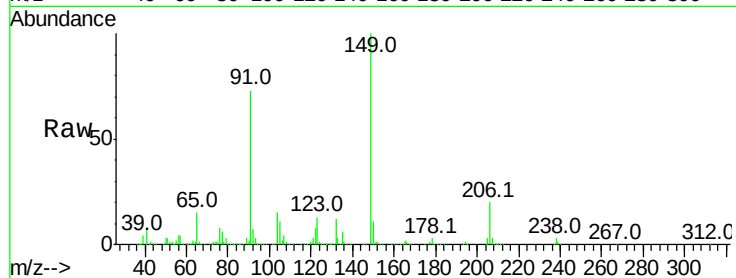




#79
Butylbenzylphthalate
Concen: 45.886 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

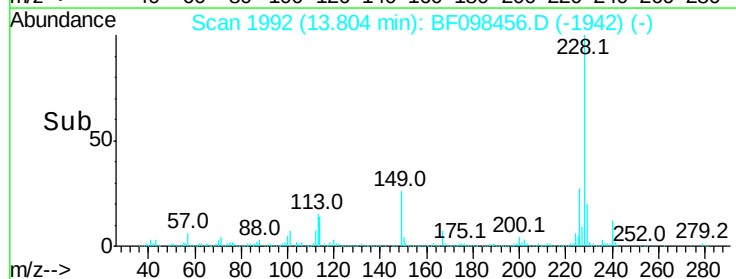
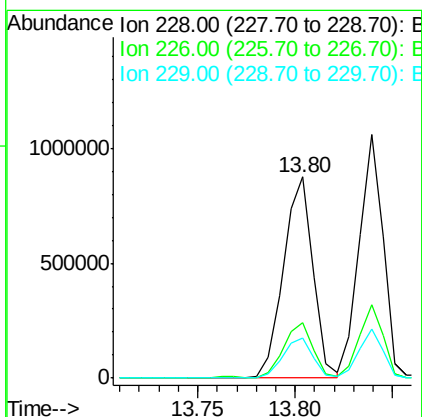
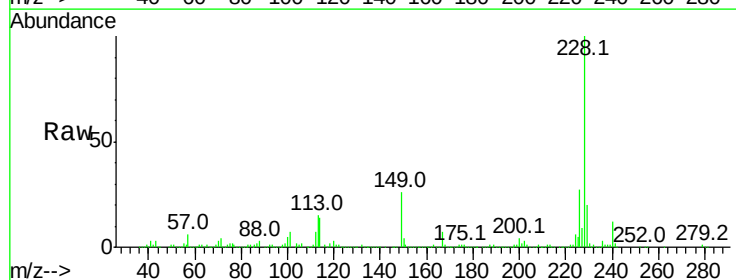
Instrument :
BNA_F
ClientSampleId :
PB102209BS

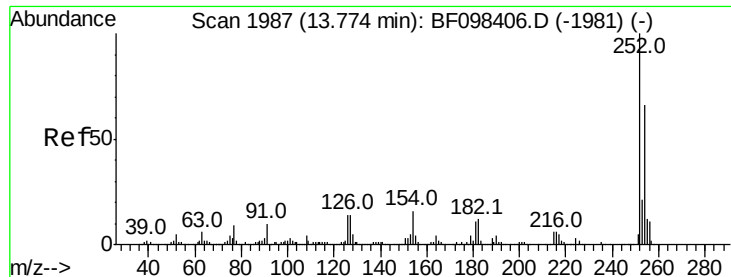
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	45.0	67.4#
206	20.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.222 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.9	16.3	24.5

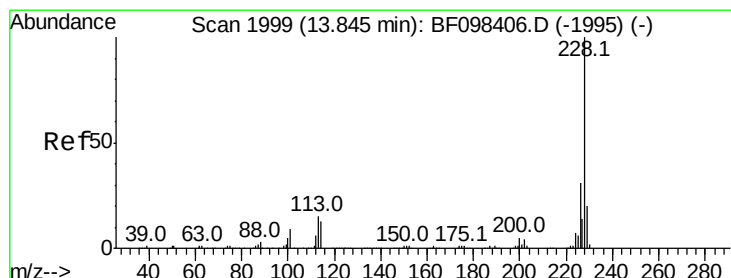
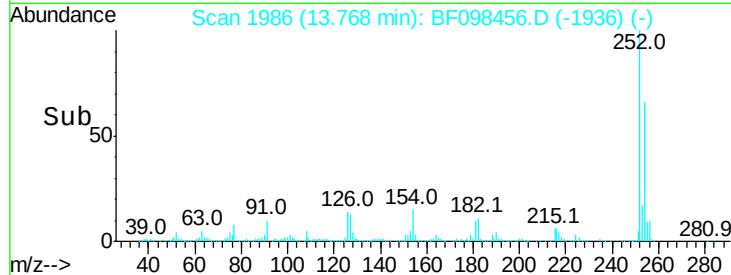
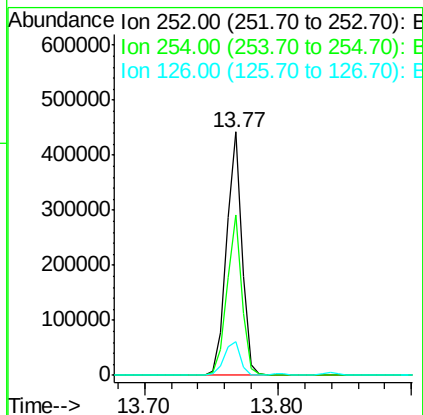
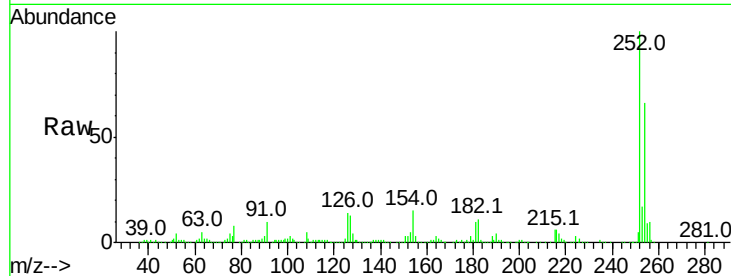




#81
 3,3'-Dichlorobenzidine
 Concen: 44.010 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

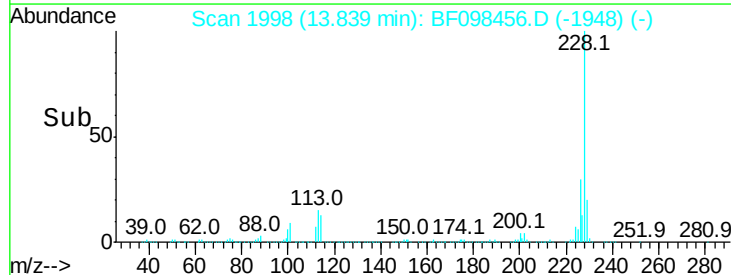
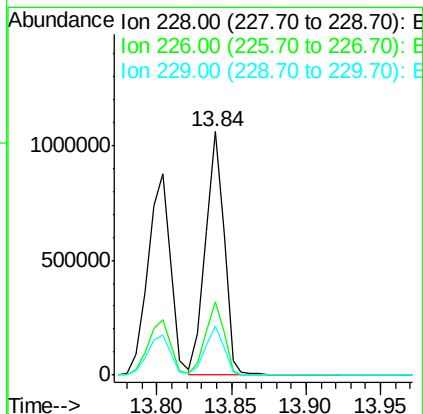
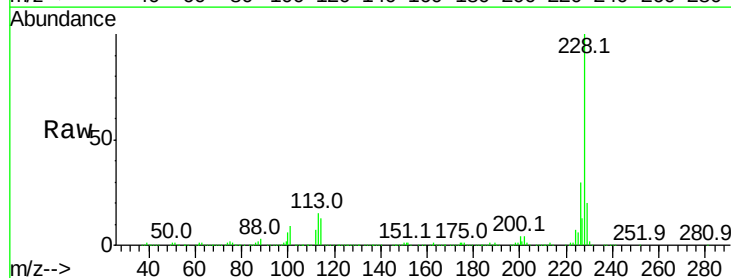
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

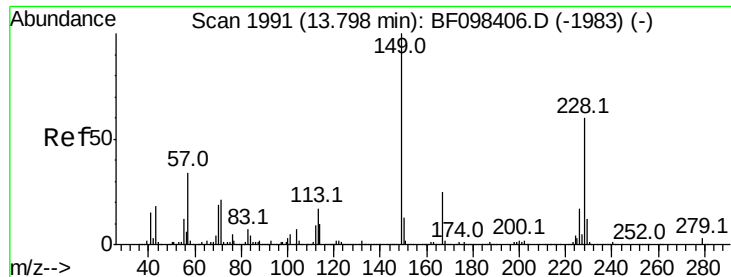
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.5	77.3
126	13.8	15.8	23.8#



#82
 Chrysene
 Concen: 42.488 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.9	15.8	23.6

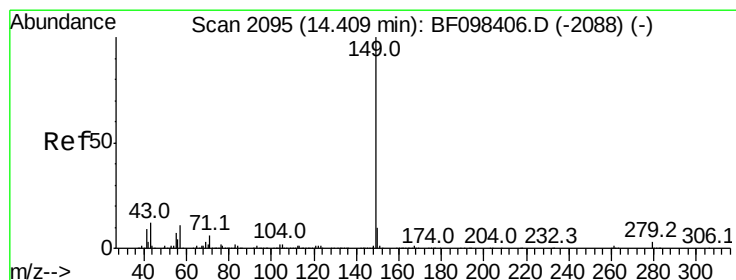
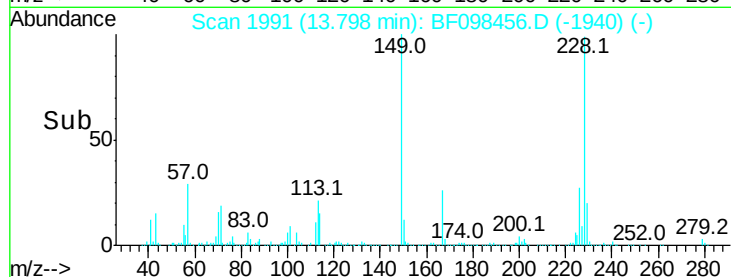
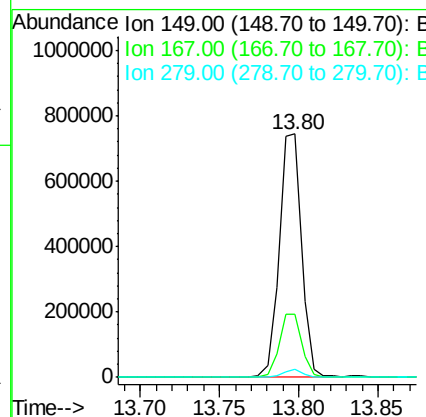
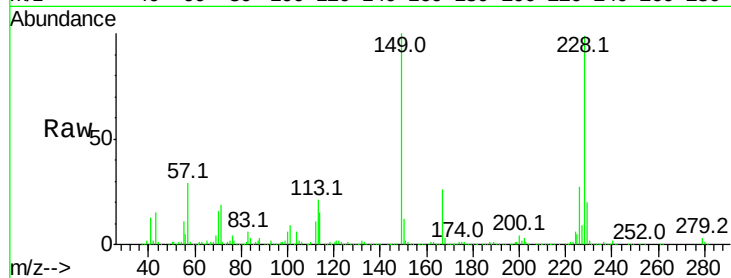




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.162 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

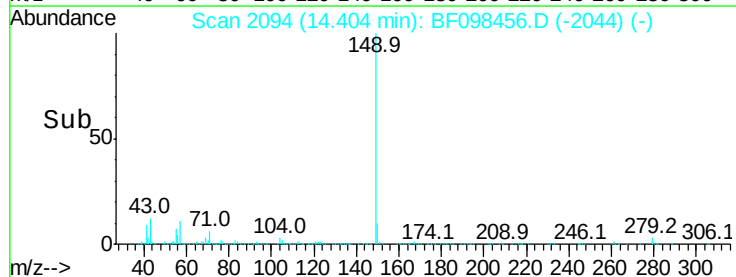
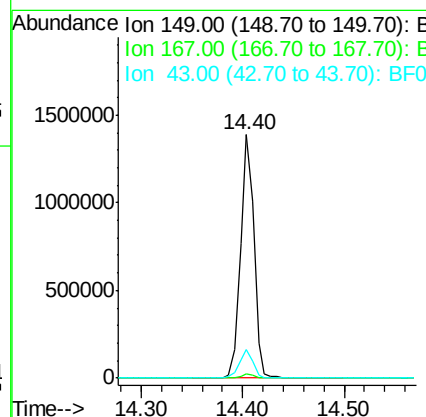
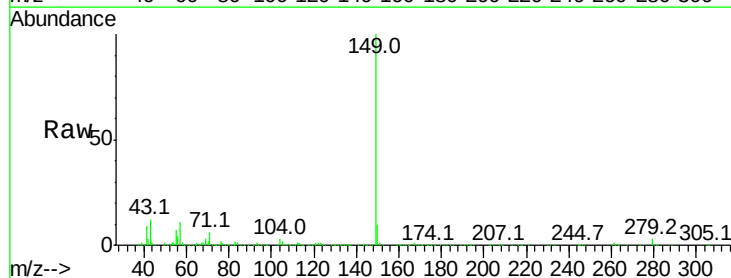
Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

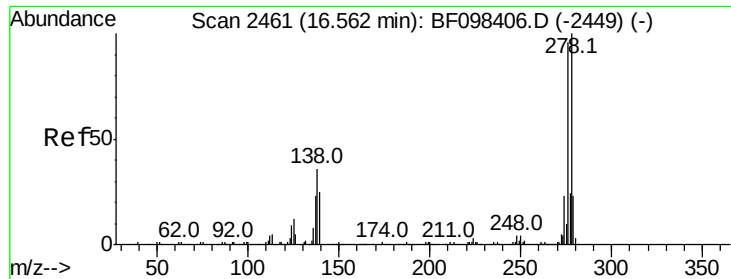
Tot Ion:149 Resp: 732008
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.018 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:149 Resp: 1278718
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.4 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.129 ng

RT: 16.56 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

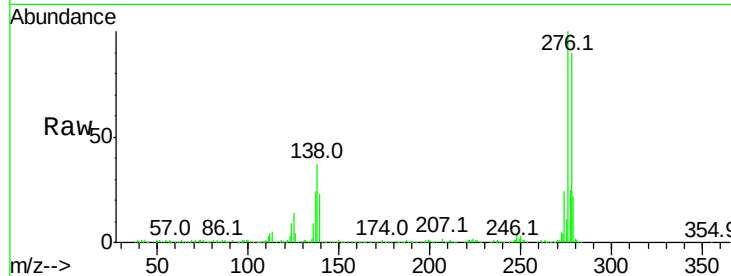
Tot Ion:276 Resp: 663049

Ion Ratio Lower Upper

276 100

138 36.2 27.8 41.6

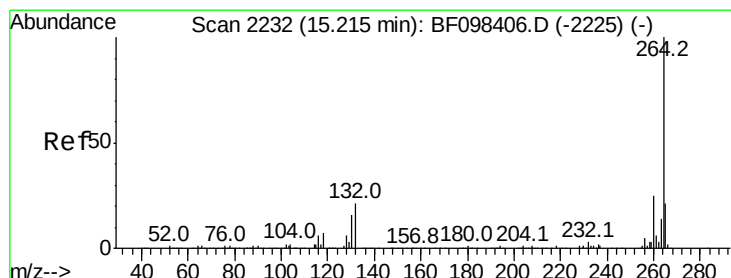
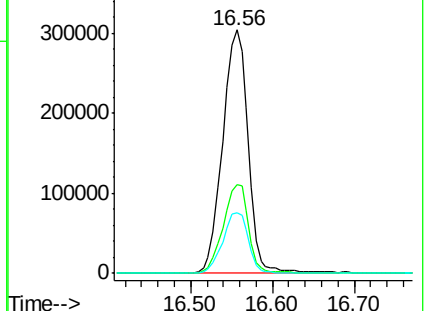
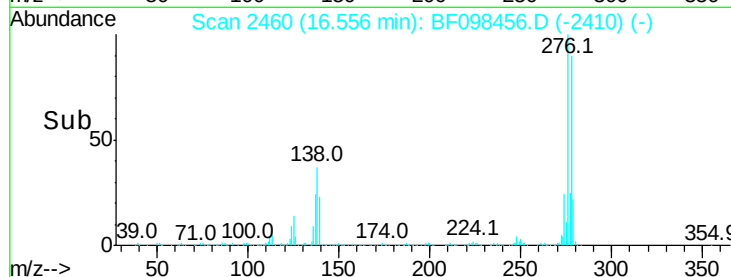
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

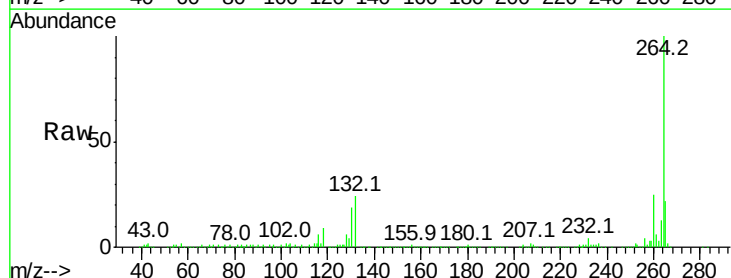
Tgt Ion:264 Resp: 314548

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

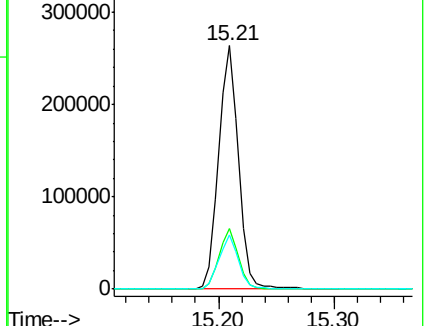
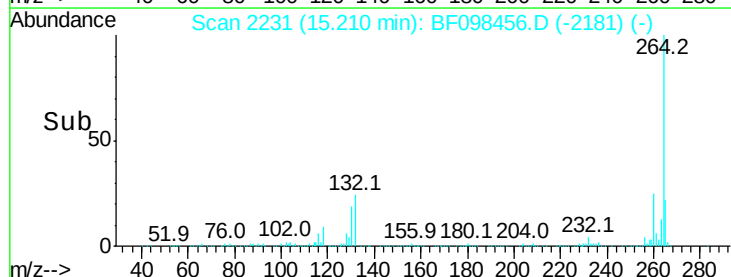
265 22.4 17.2 25.8

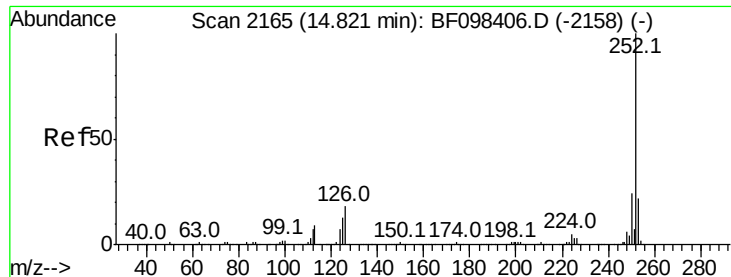


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

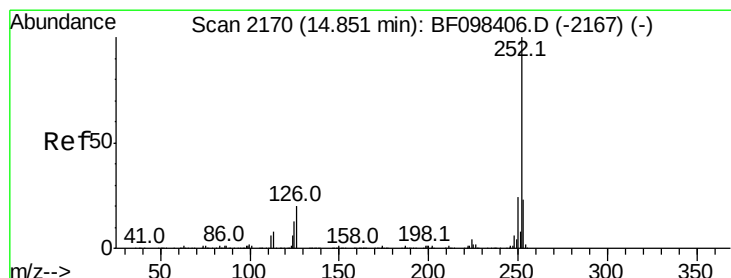
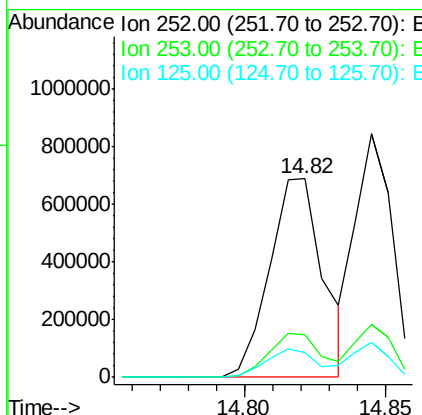
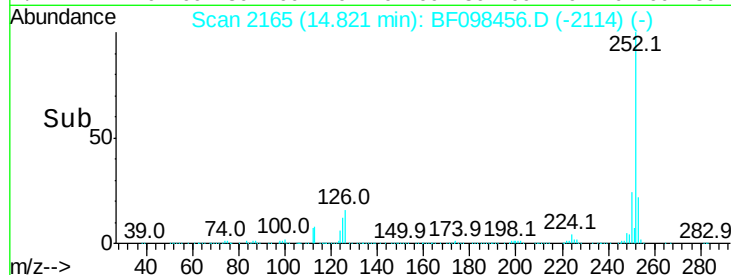
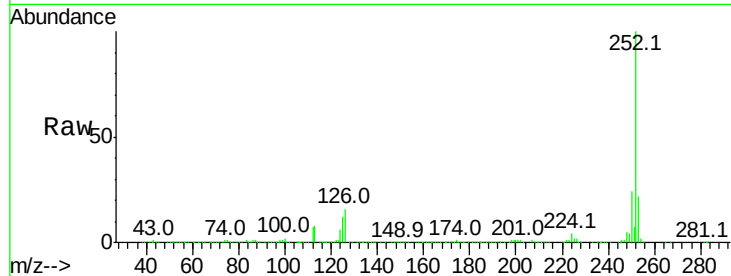




#87
Benzo(b)fluoranthene
Concen: 45.857 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

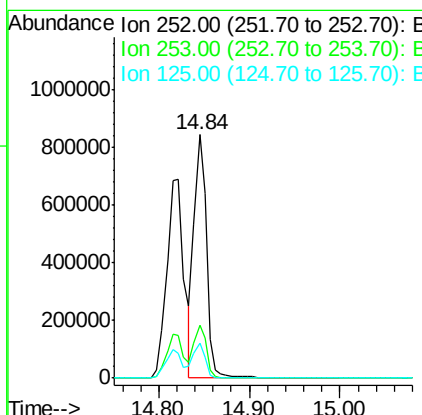
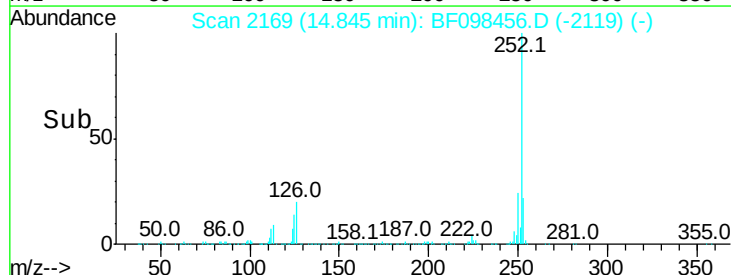
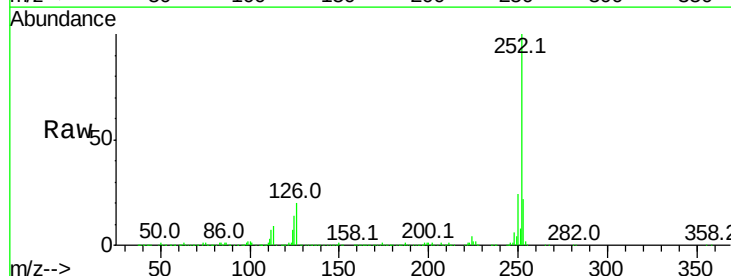
Instrument :
BNA_F
ClientSampleId :
PB102209BS

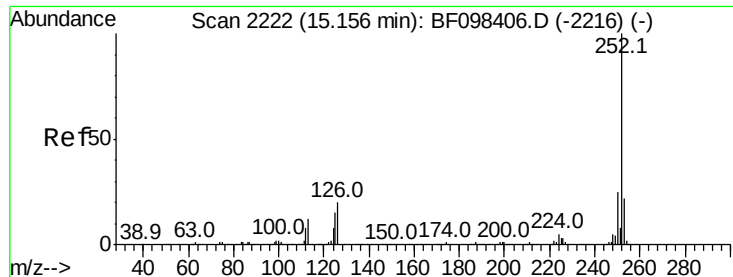
Tot Ion:252 Resp: 906963
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 12.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.872 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:252 Resp: 791575
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 14.3 13.1 19.7

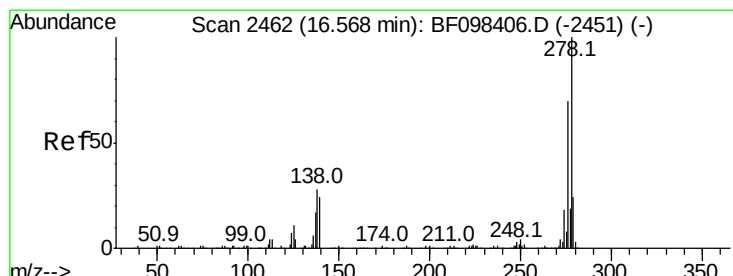
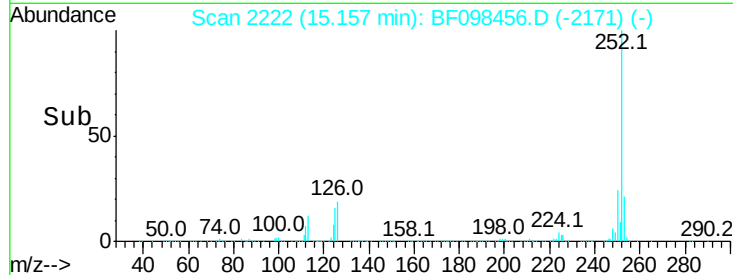
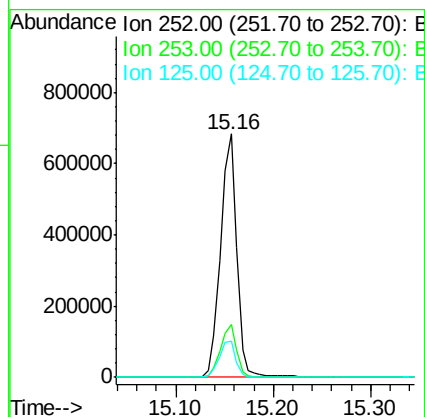
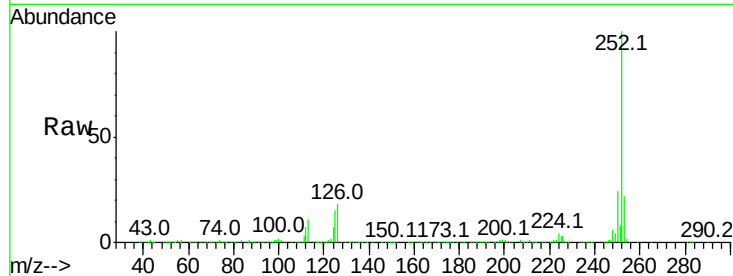




#89
Benzo(a)pyrene
Concen: 44.882 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

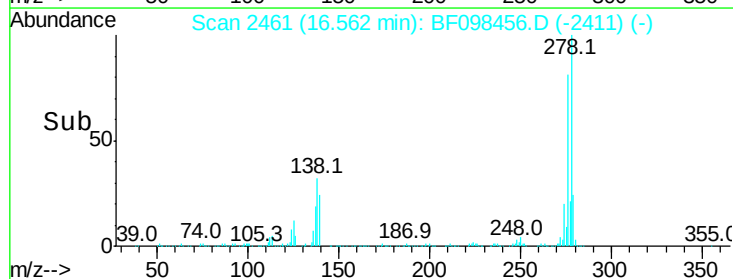
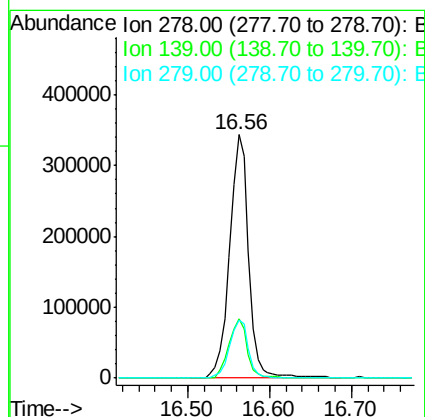
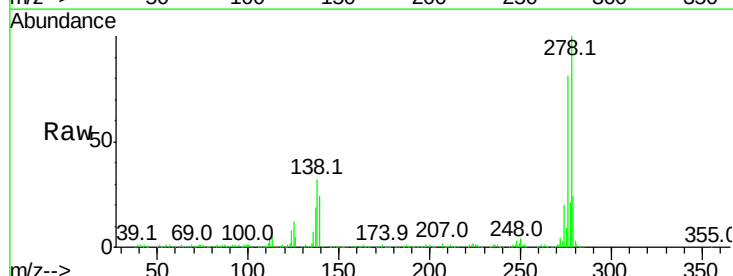
Instrument :
BNA_F
ClientSampleId :
PB102209BS

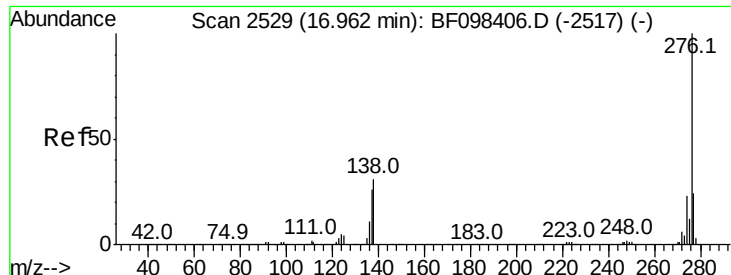
Tot Ion:252 Resp: 790822
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:278 Resp: 556191
Ion Ratio Lower Upper
278 100
139 24.2 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.262 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

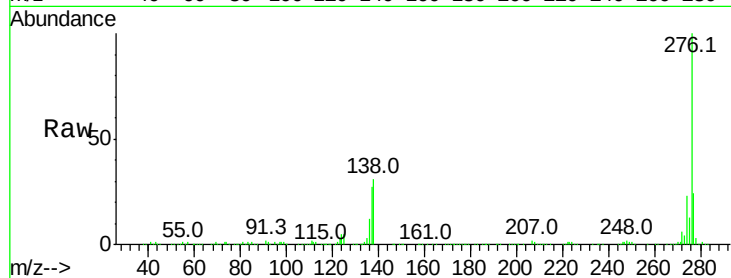
Tot Ion:276 Resp: 531945

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

