

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099212.D
 Acq On : 8 Oct 2017 1:02
 Operator : SJ/JU
 Sample : PB103045BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:41:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121817	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476173	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185267	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	285812	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208055	20.00	ng	0.00
86) Perylene-d12	15.51	264	165705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	896013	117.09	ng	0.02
7) Phenol-d6	6.50	99	1064657	112.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	618149	83.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164222	108.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1072370	96.63	ng	0.00
78) Terphenyl-d14	12.97	244	751140	82.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	120266	32.901	ng	96
3) Pyridine	3.49	79	345739	34.963	ng	95
4) n-Nitrosodimethylamine	3.44	42	138046	32.921	ng	81
6) Aniline	6.53	93	391914	30.761	ng	98
8) 2-Chlorophenol	6.66	128	318045	36.701	ng	95
9) Benzaldehyde	6.42	77	130369	23.808	ng	90
10) Phenol	6.52	94	393909	37.311	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	306564	37.352	ng	98
12) 1,3-Dichlorobenzene	6.81	146	342738	37.765	ng	98
13) 1,4-Dichlorobenzene	6.89	146	347251	37.606	ng	97
14) 1,2-Dichlorobenzene	7.04	146	322703	37.822	ng	98
15) Benzyl Alcohol	7.01	79	241744	34.908	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	443823	34.708	ng	96
17) 2-Methylphenol	7.12	107	261853	36.929	ng	97
18) Hexachloroethane	7.37	117	95250	28.698	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	201754	33.475	ng	95
20) 3+4-Methylphenols	7.27	107	307175	34.244	ng	# 76
22) Acetophenone	7.28	105	413602	35.851	ng	# 97
24) Nitrobenzene	7.45	77	308923	36.677	ng	97
25) Isophorone	7.69	82	571059	37.199	ng	99
26) 2-Nitrophenol	7.77	139	131895	32.564	ng	# 84
27) 2,4-Dimethylphenol	7.80	122	275470	36.013	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	375599	39.261	ng	100
29) 2,4-Dichlorophenol	8.01	162	249606	38.007	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	259928	39.573	ng	98
31) Naphthalene	8.17	128	847556	37.898	ng	100
32) Benzoic acid	7.95	122	16419	2.613	ng	97
33) 4-Chloroaniline	8.22	127	263137	28.175	ng	96
34) Hexachlorobutadiene	8.28	225	130153	38.471	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	247189	33.487	ng	92
37) 2-Methylnaphthalene	8.86	142	559939	38.514	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	220886	39.978	ng	98
40) Hexachlorocyclopentadiene	9.01	237	15831	6.270	ng	99
42) 2,4,6-Trichlorophenol	9.14	196	148932	38.049	ng	98

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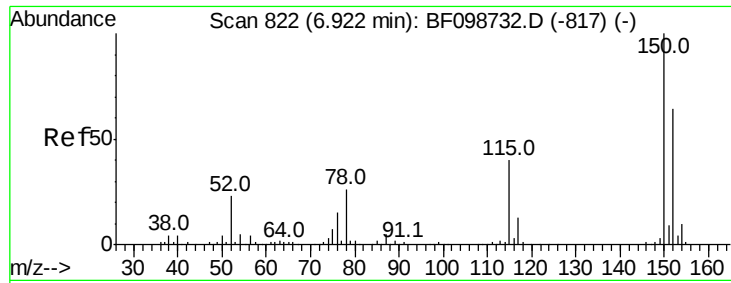
Instrument :
 BNA_F
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.19	196	150043	38.400	ng	# 93
45) 1,1'-Biphenyl	9.33	154	629998	39.566	ng	98
46) 2-Chloronaphthalene	9.35	162	485657	40.624	ng	97
47) 2-Nitroaniline	9.45	65	146856	40.118	ng	90
48) Acenaphthylene	9.77	152	707643	38.667	ng	100
49) Dimethylphthalate	9.62	163	584236	41.782	ng	100
50) 2,6-Dinitrotoluene	9.69	165	108346	35.591	ng	# 80
51) Acenaphthene	9.94	154	417319	35.998	ng	98
52) 3-Nitroaniline	9.86	138	150579	42.422	ng	# 89
53) 2,4-Dinitrophenol	9.97	184	10902	12.205	ng	95
54) Dibenzofuran	10.11	168	619930	40.163	ng	99
55) 4-Nitrophenol	10.02	139	164395	54.773	ng	90
56) 2,4-Dinitrotoluene	10.09	165	125449	31.753	ng	96
57) Fluorene	10.45	166	465035	37.484	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	102343	37.916	ng	98
59) Diethylphthalate	10.32	149	543738	39.795	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	217289	38.990	ng	93
61) 4-Nitroaniline	10.47	138	143461	41.893	ng	89
62) Azobenzene	10.60	77	456525	36.339	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	11151	6.412	ng	85
65) n-Nitrosodiphenylamine	10.56	169	416332	42.048	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	118980	42.529	ng	94
67) Hexachlorobenzene	11.00	284	115427	38.630	ng	94
68) Atrazine	11.09	200	123218	41.362	ng	99
69) Pentachlorophenol	11.20	266	103883	55.863	ng	99
70) Phenanthrene	11.42	178	617691	40.375	ng	98
71) Anthracene	11.47	178	637531	40.728	ng	99
72) Carbazole	11.63	167	591042	38.557	ng	98
73) Di-n-butylphthalate	11.95	149	755951	40.971	ng	99
74) Fluoranthene	12.60	202	615191	39.711	ng	99
76) Benzidine	12.73	184	519268	67.479	ng	98
77) Pyrene	12.84	202	628760	39.632	ng	99
79) Butylbenzylphthalate	13.44	149	304530	40.843	ng	92
80) Benzo(a)anthracene	14.02	228	506741	40.223	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	193117	41.815	ng	98
82) Chrysene	14.06	228	472581	39.401	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	419542	40.864	ng	99
84) Di-n-octyl phthalate	14.61	149	706634	42.744	ng	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	354829	36.982	ng	95
87) Benzo(b)fluoranthene	15.07	252	432839	42.484	ng	# 97
88) Benzo(k)fluoranthene	15.10	252	384438	38.203	ng	98
89) Benzo(a)pyrene	15.44	252	377168	40.330	ng	# 96
90) Dibenzo(a,h)anthracene	17.01	278	299232	39.981	ng	96
91) Benzo(g,h,i)perylene	17.45	276	285391	38.576	ng	96

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

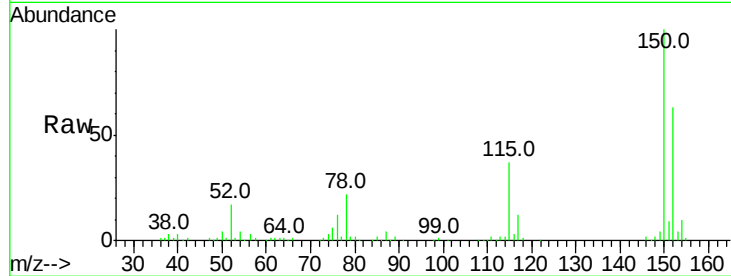


#1

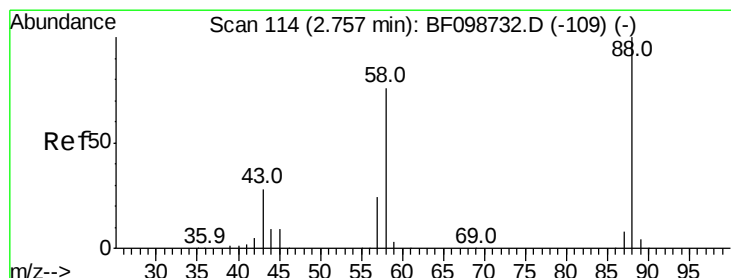
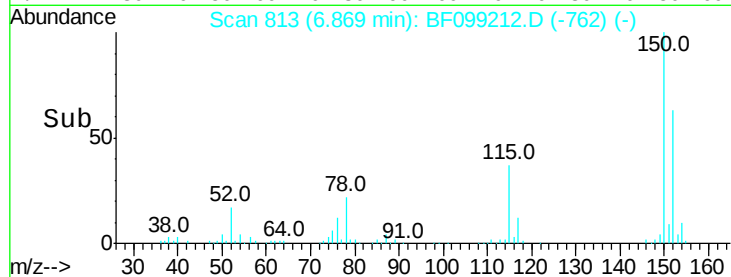
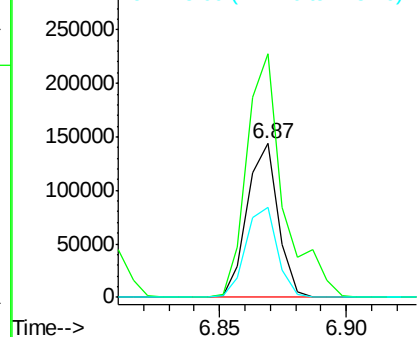
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121817
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.5 50.1 75.1



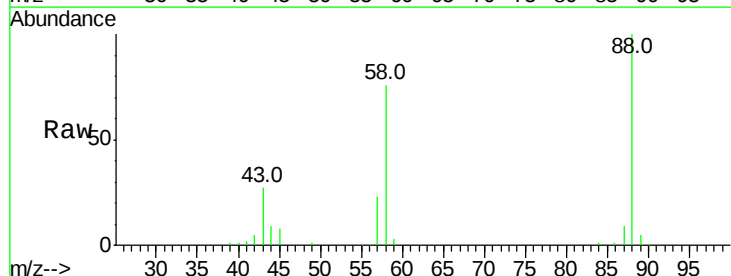
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



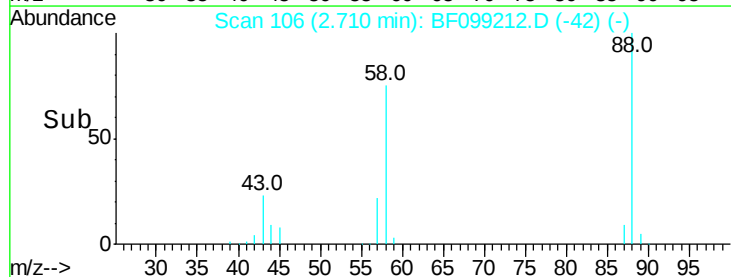
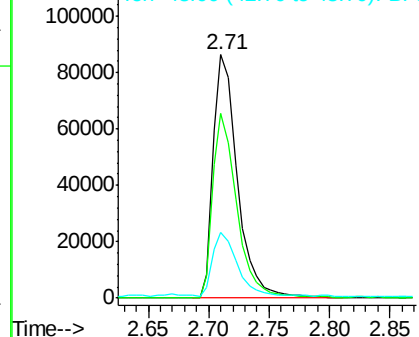
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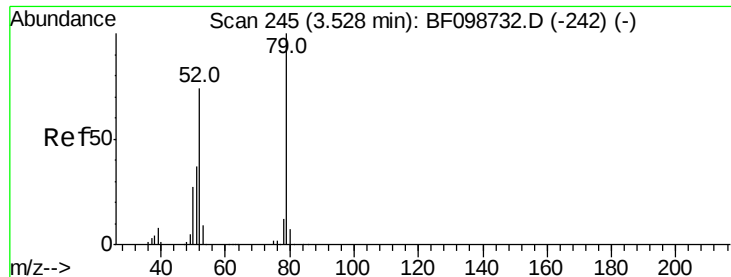
1,4-Dioxane
Concen: 32.901 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion: 88 Resp: 120266
Ion Ratio Lower Upper
88 100
58 75.9 62.6 93.8
43 26.3 24.6 37.0



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: 34.963 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.08 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

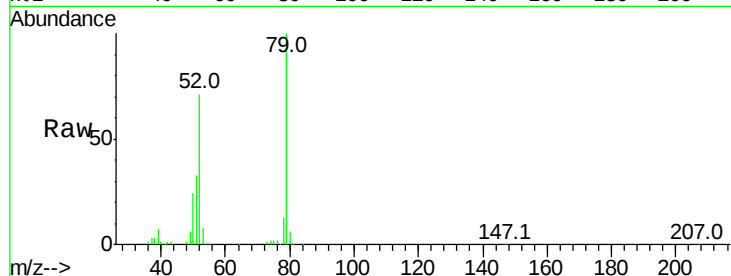
Tot Ion: 79 Resp: 345739

Ion Ratio Lower Upper

79 100

52 70.9 59.8 89.6

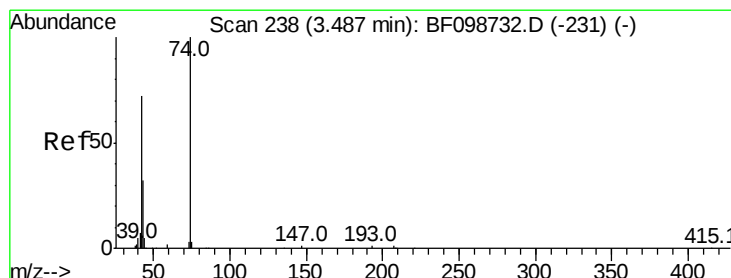
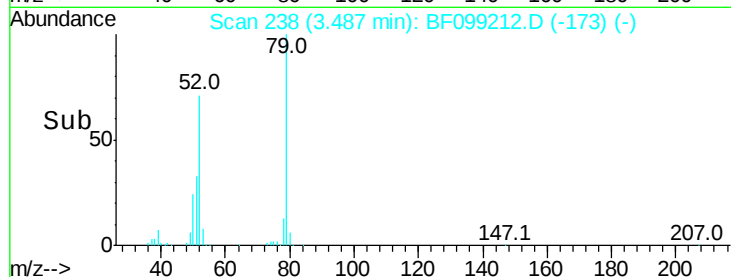
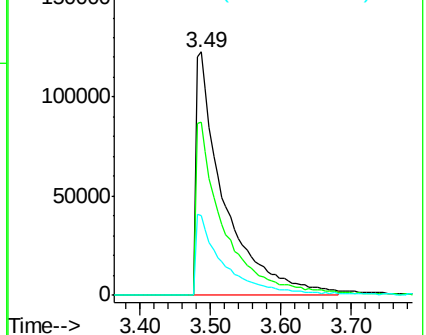
51 32.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.921 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.07 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

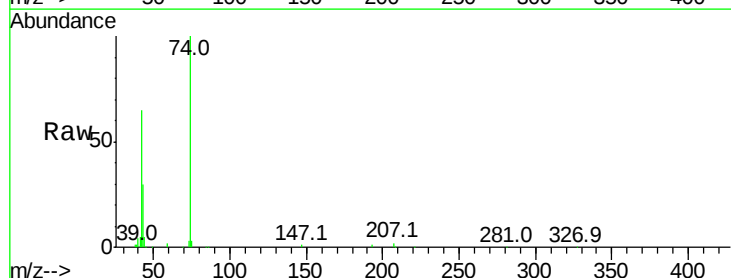
Tgt Ion: 42 Resp: 138046

Ion Ratio Lower Upper

42 100

74 154.0 104.9 157.3

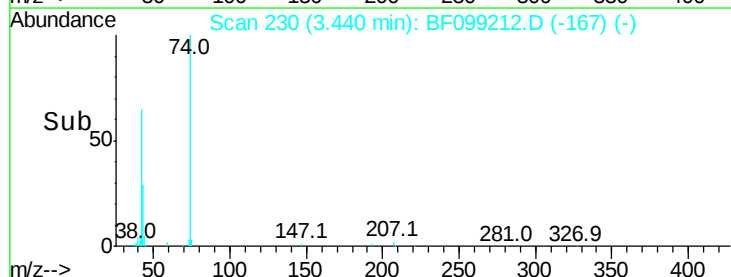
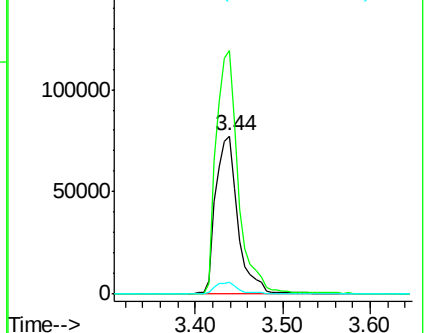
44 7.3 6.9 10.3

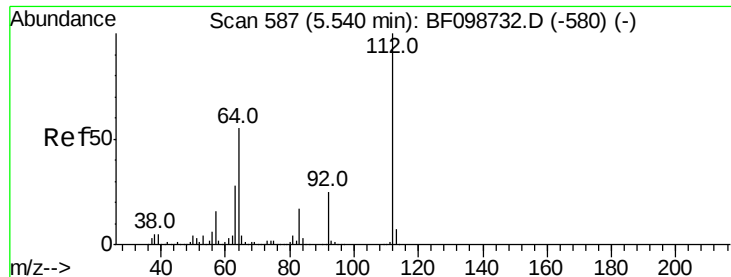


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.091 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

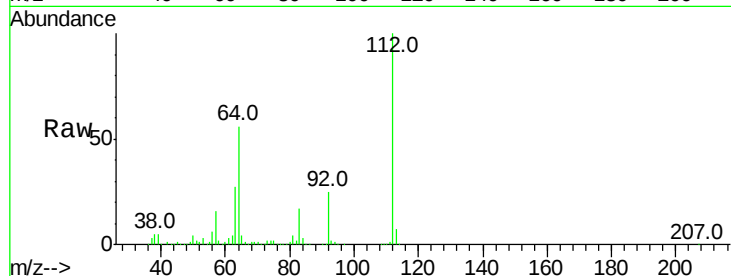
Tot Ion:112 Resp: 896013

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

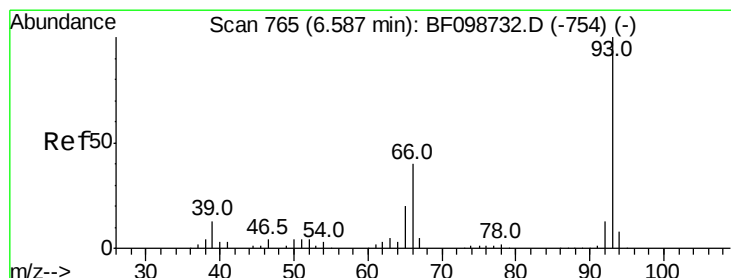
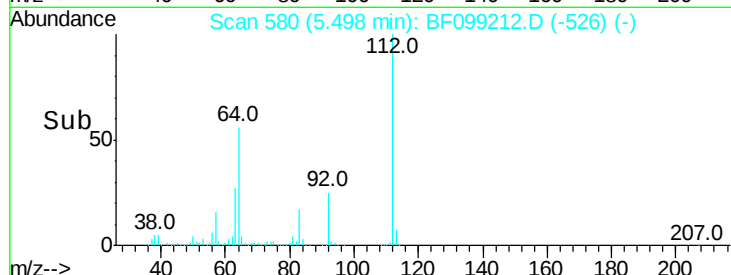
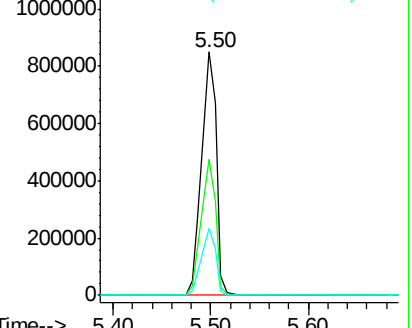
63 27.3 23.7 35.5



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: 30.761 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

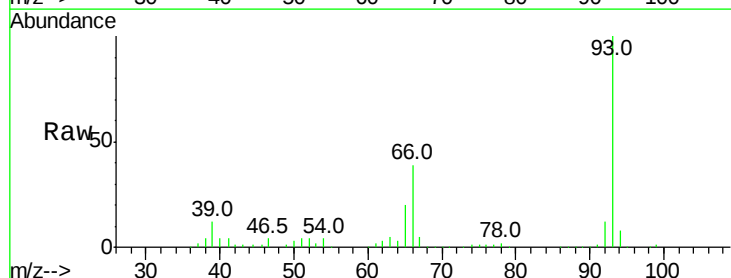
Tgt Ion: 93 Resp: 391914

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

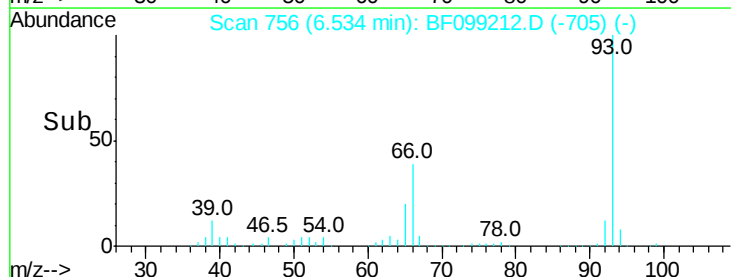
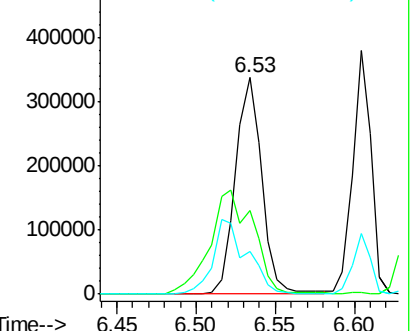
65 19.5 16.4 24.6

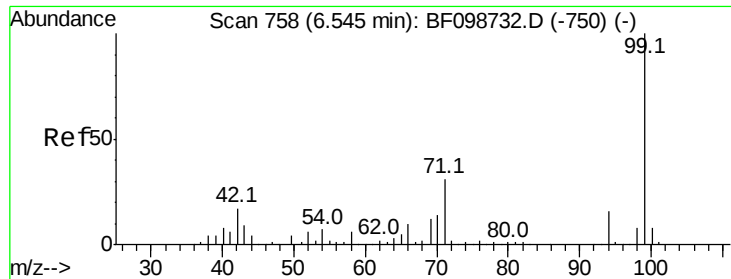


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.782 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

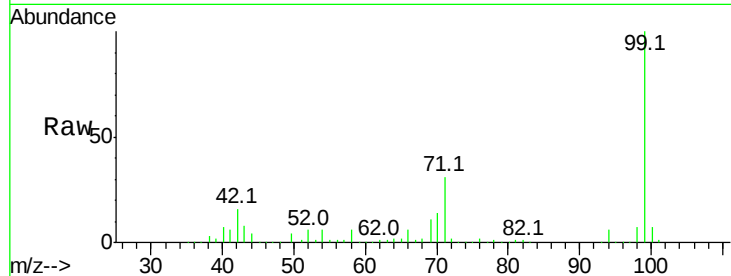
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1064657

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	30.6	25.4	38.0

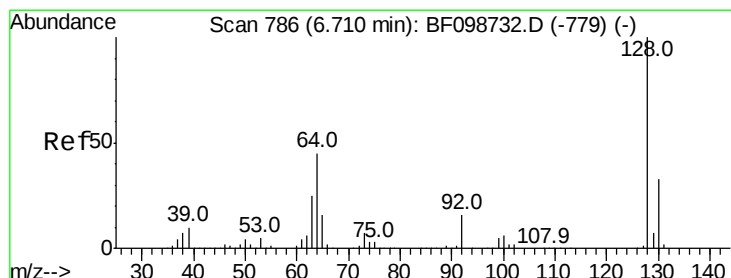
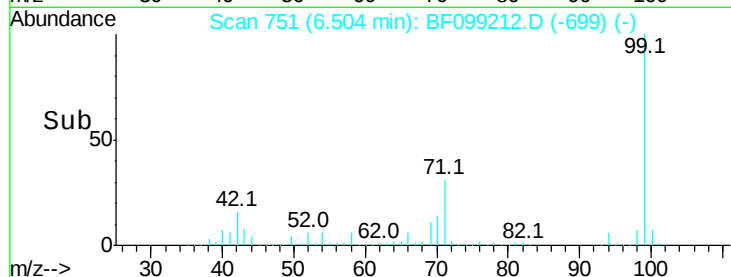
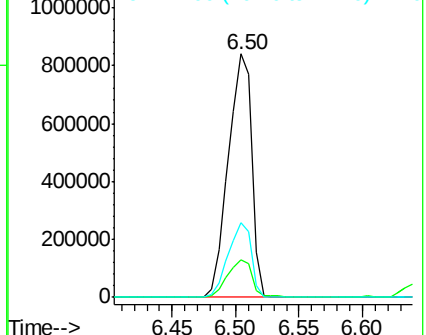


Abundance

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: 36.701 ng

RT: 6.66 min Scan# 777

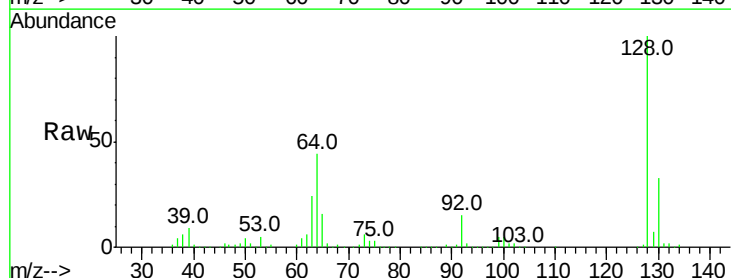
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion: 128 Resp: 318045

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	43.5	29.4	69.4

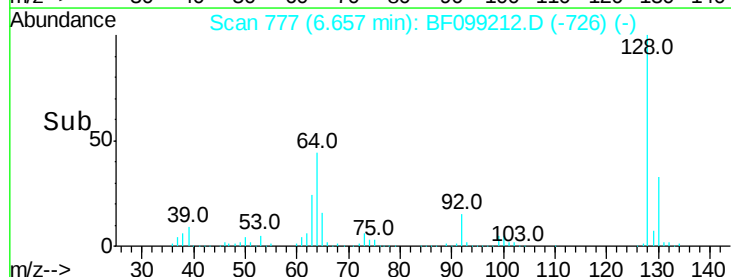
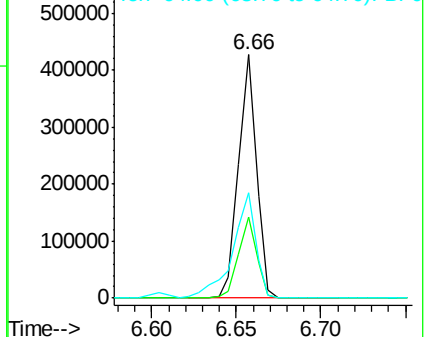


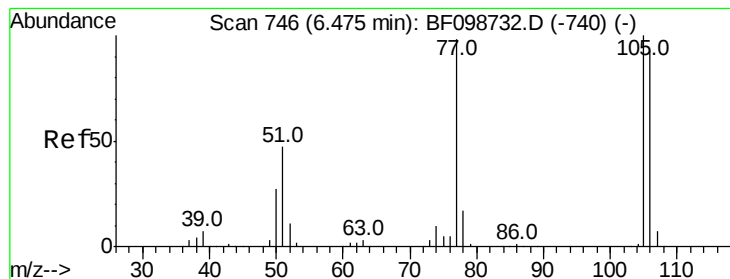
Abundance

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: 23.808 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampled :

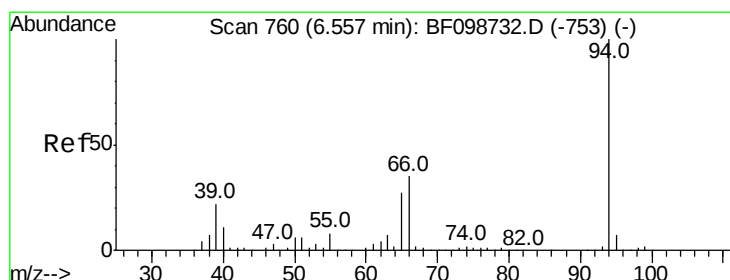
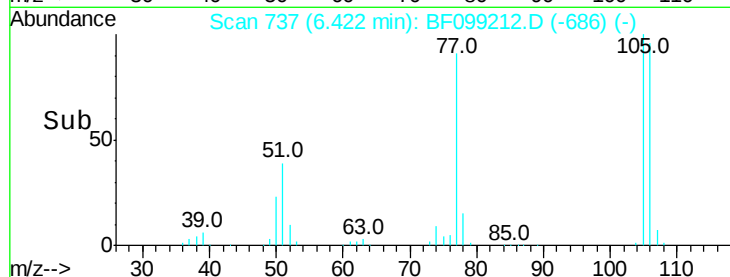
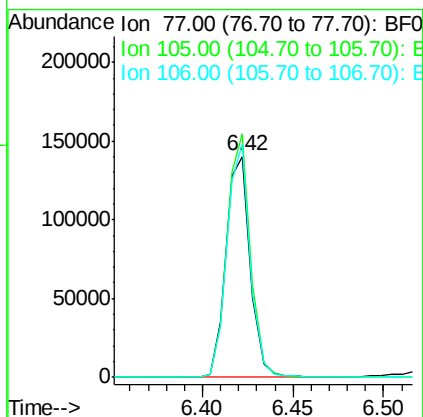
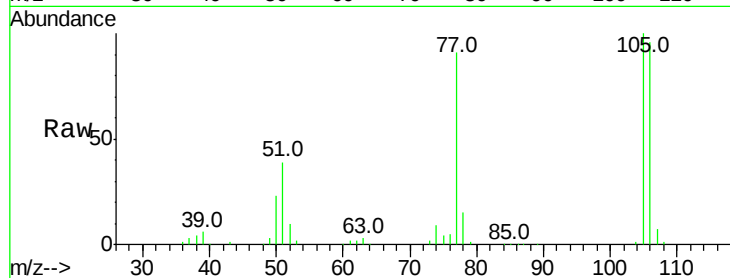
Tot Ion: 77 Resp: 130369

Ion Ratio Lower Upper

77 100

105 110.1 81.1 121.1

106 105.5 74.5 114.5



#10

Phenol

Concen: 37.311 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

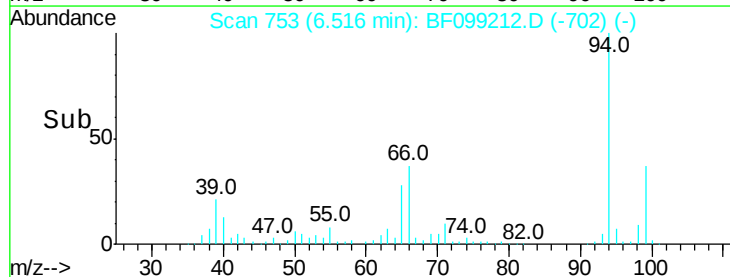
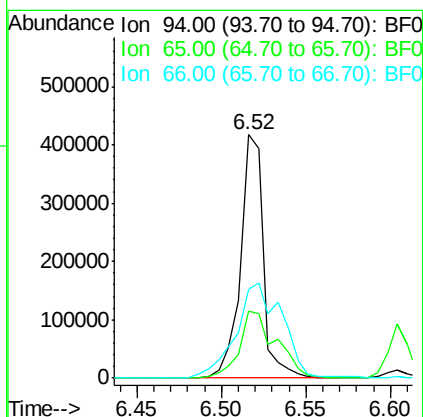
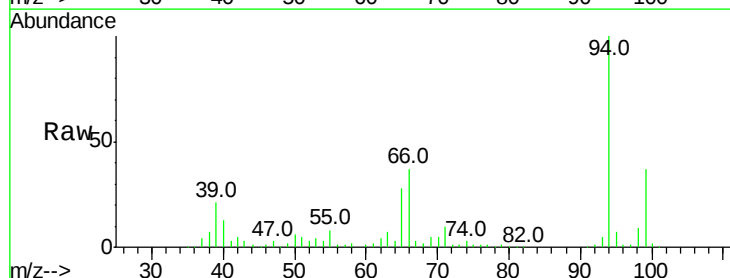
Tgt Ion: 94 Resp: 393909

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.7 16.2 56.2



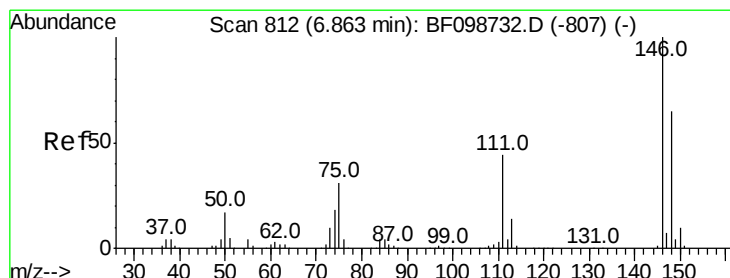
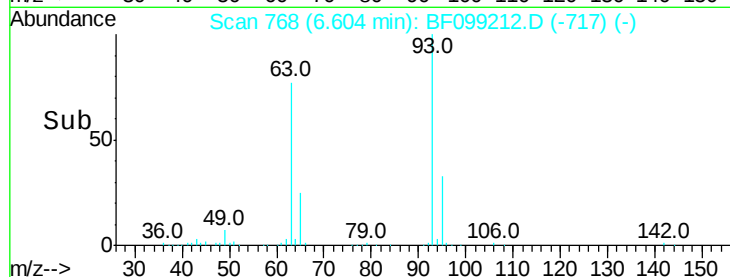
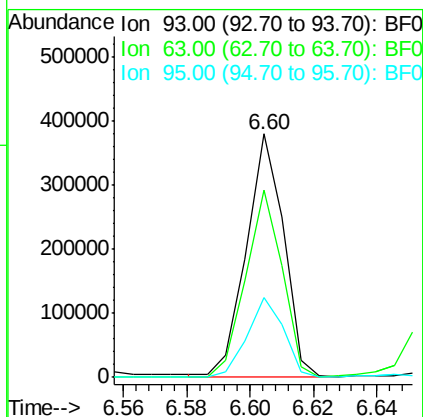
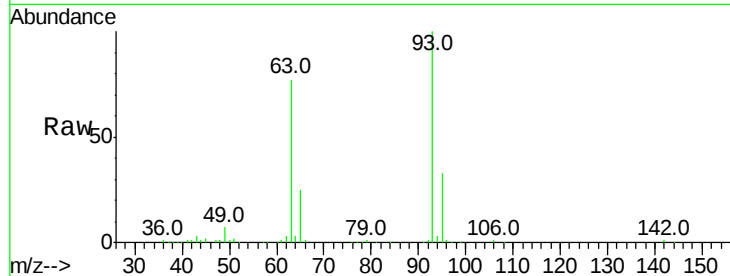


#11
 bis(2-Chloroethyl)ether
 Concen: 37.352 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 306564

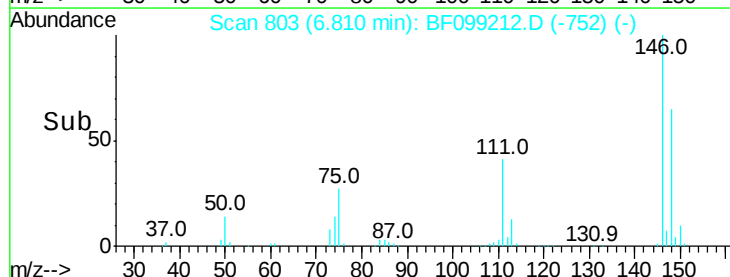
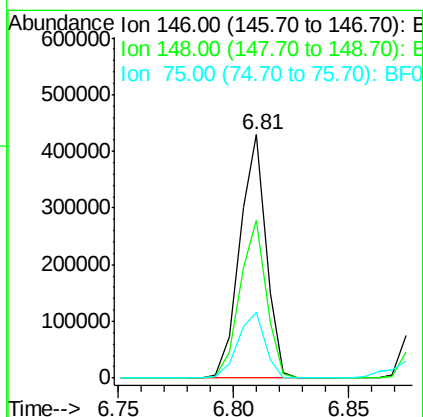
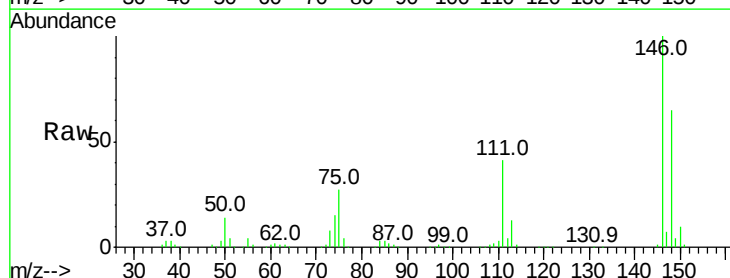
Ion	Ratio	Lower	Upper
93	100		
63	76.9	58.6	98.6
95	32.7	11.8	51.8

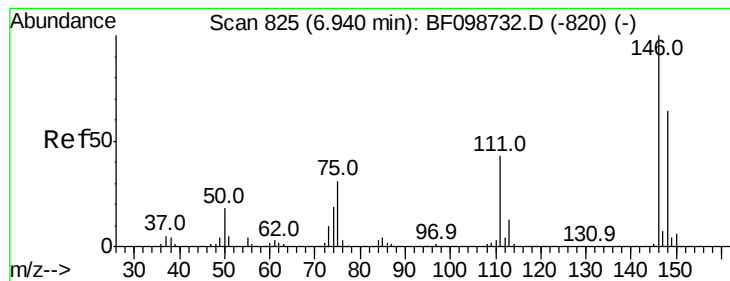


#12
 1,3-Dichlorobenzene
 Concen: 37.765 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion: 146 Resp: 342738

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	27.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.606 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampled :

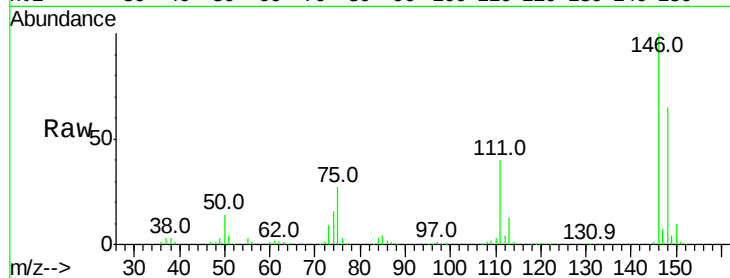
Tot Ion:146 Resp: 347251

Ion Ratio Lower Upper

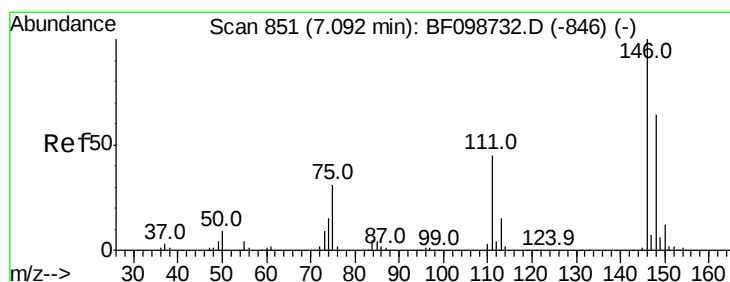
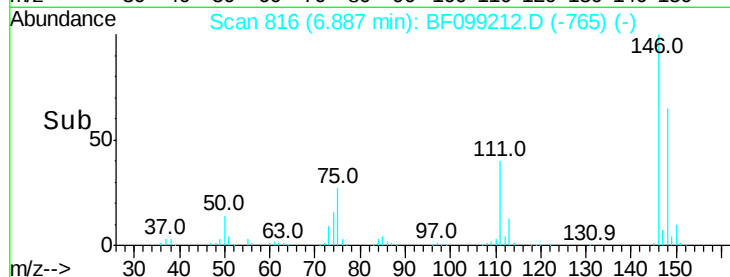
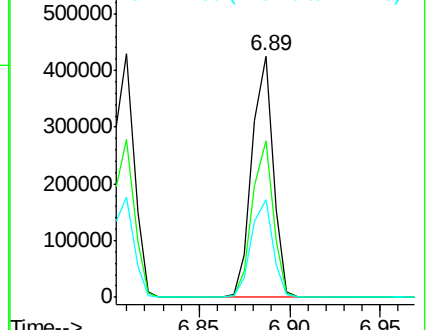
146 100

148 65.0 50.8 76.2

111 40.4 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 37.822 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

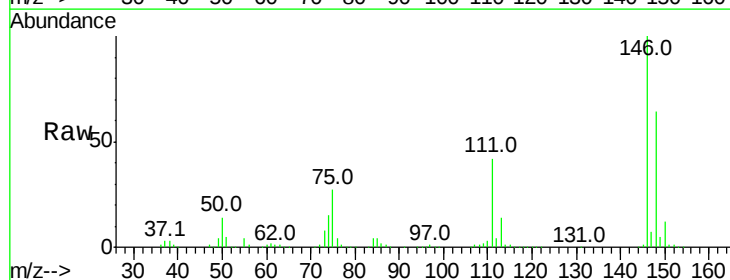
Tgt Ion:146 Resp: 322703

Ion Ratio Lower Upper

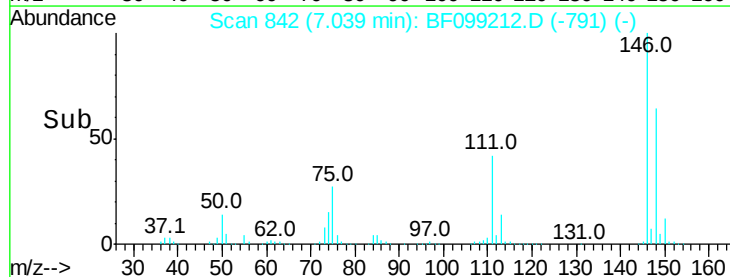
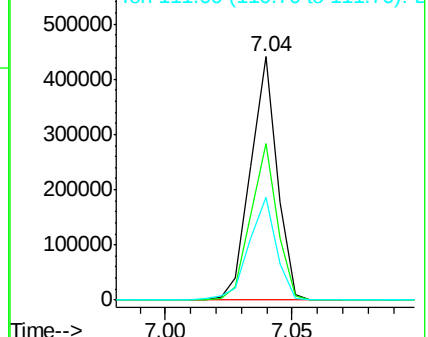
146 100

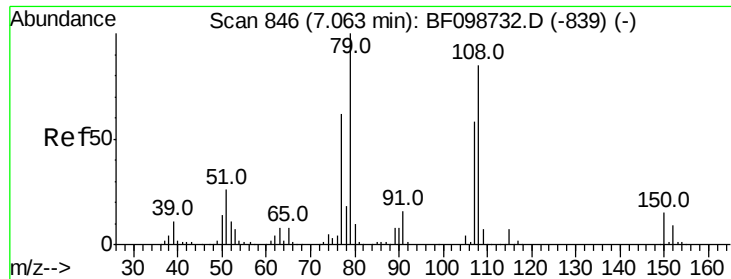
148 64.2 50.6 75.8

111 42.3 36.0 54.0



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

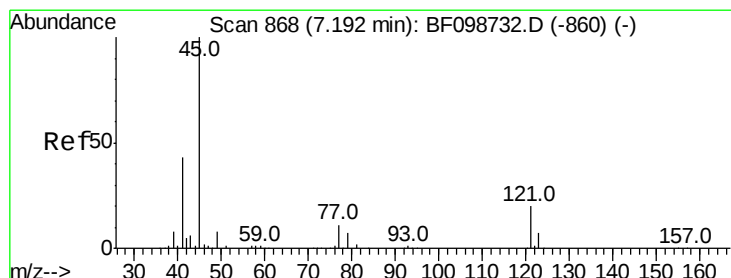
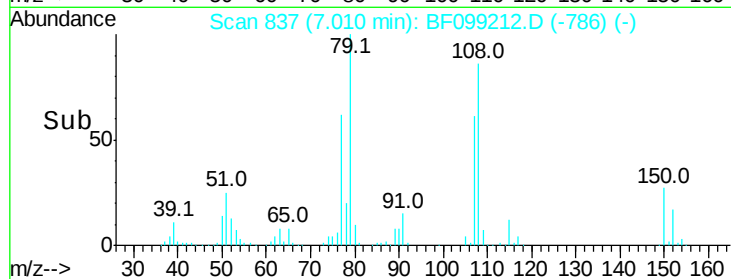
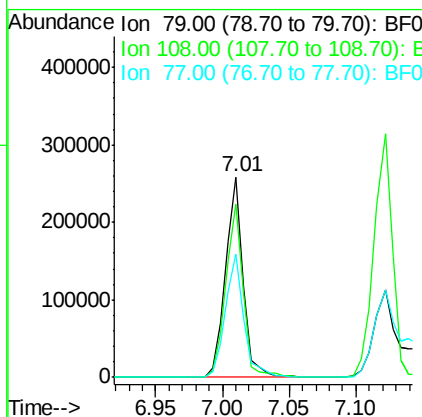
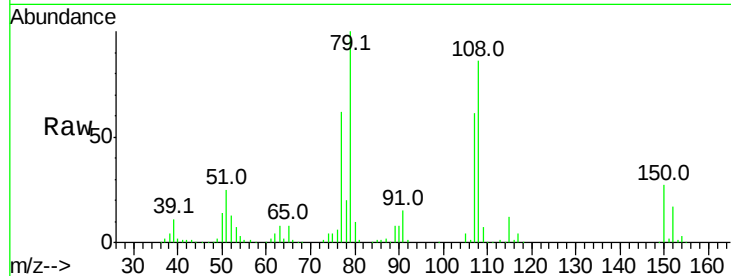




#15
Benzyl Alcohol
Concen: 34.908 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

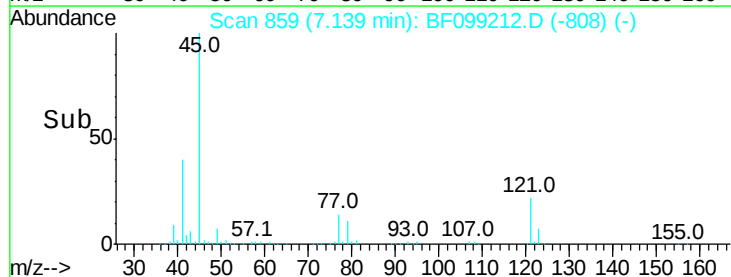
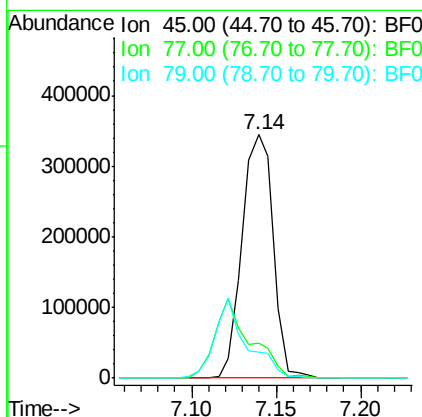
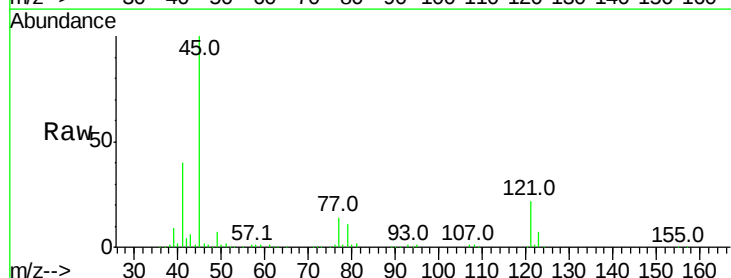
Instrument :
BNA_F
ClientSampleId :

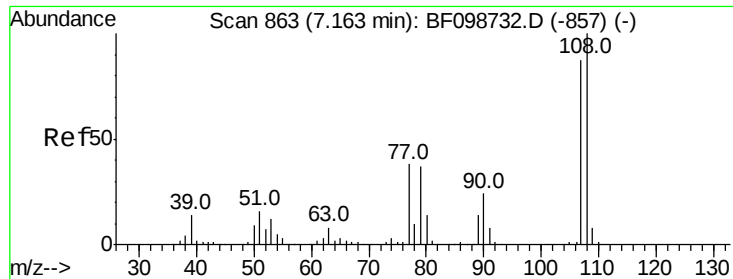
Tot Ion: 79 Resp: 241744
Ion Ratio Lower Upper
79 100
108 86.3 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.708 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion: 45 Resp: 443823
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 10.9 0.0 29.6

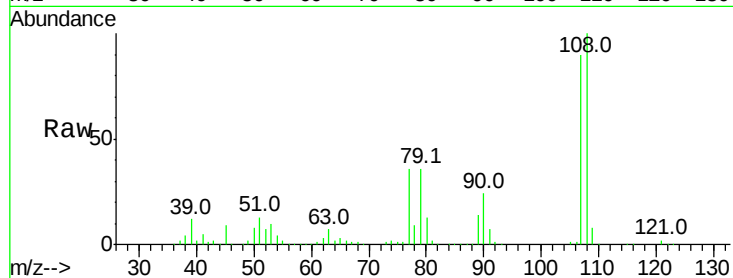




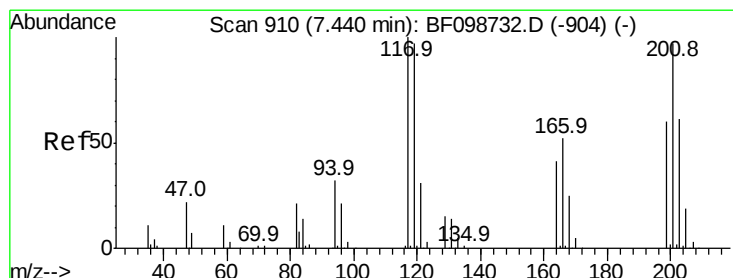
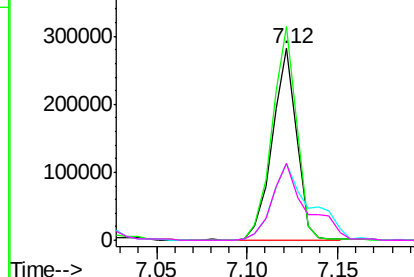
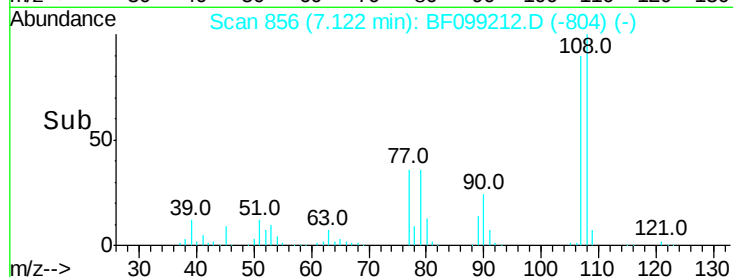
#17
2-Methylphenol
Concen: 36.929 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 261853
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 40.3 33.8 50.8
79 40.1 33.8 50.8

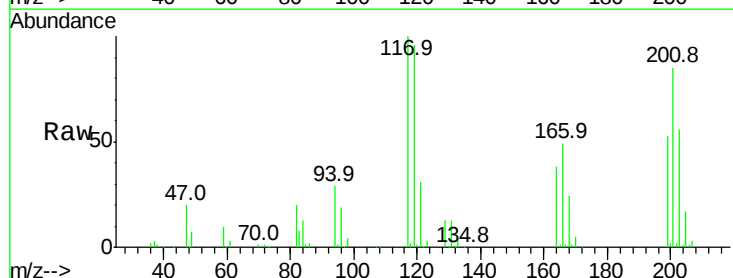


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

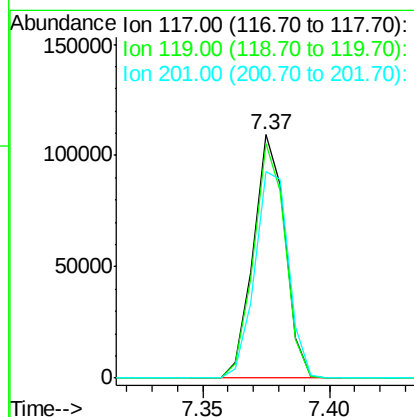
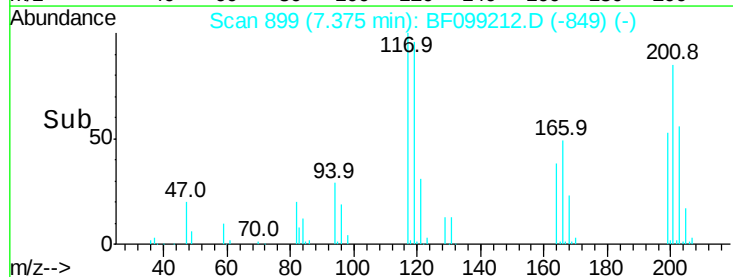


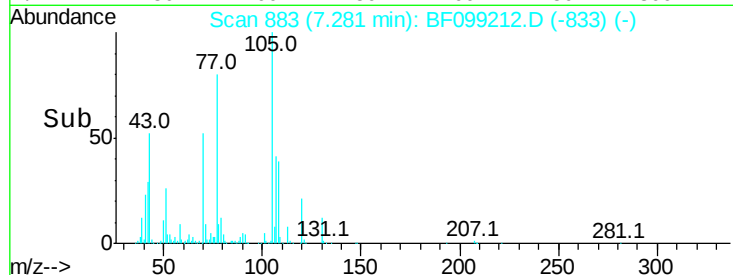
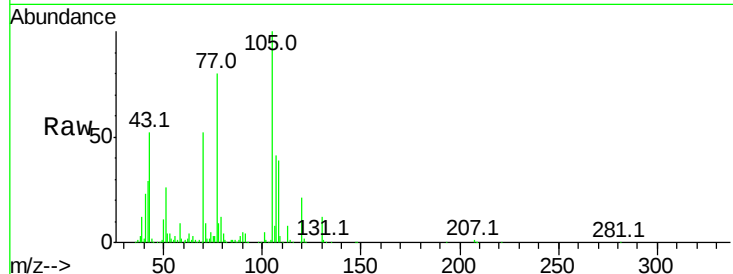
#18
Hexachloroethane
Concen: 28.698 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:117 Resp: 95250
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 84.9 75.7 113.5



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

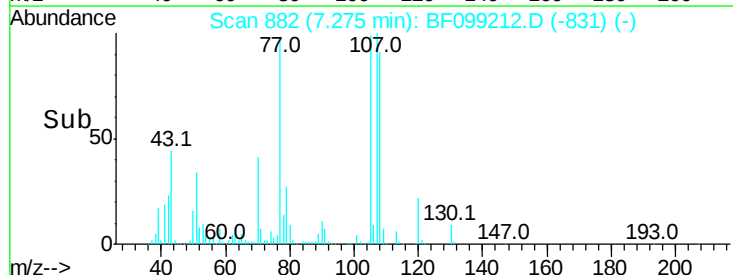
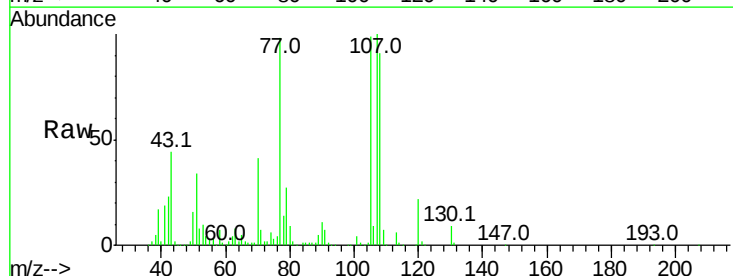
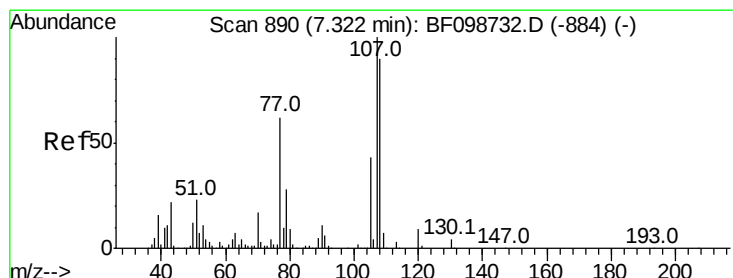
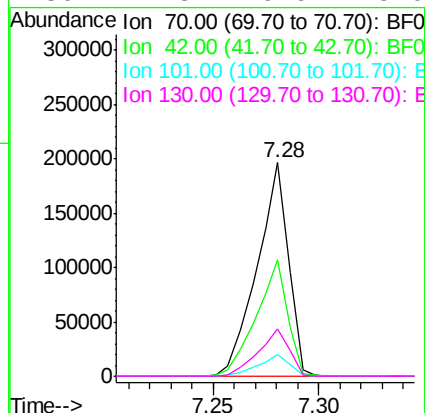




#19
n-Nitroso-di-n-propylamine
Concen: 33.475 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

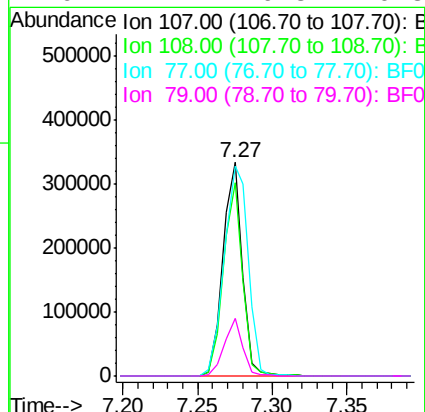
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	201754
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.9	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.244 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	107	Resp:	307175
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	98.3	26.7	66.7#
79	27.2	6.3	46.3

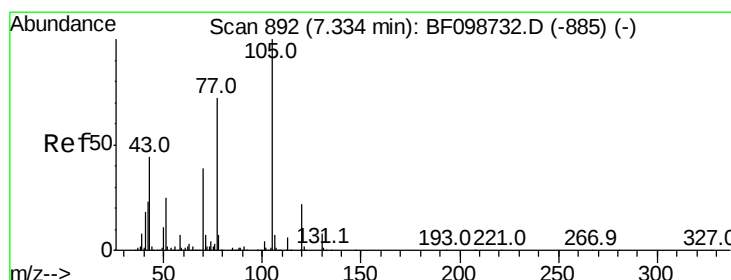
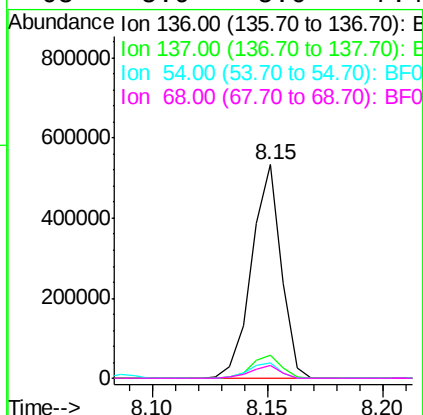
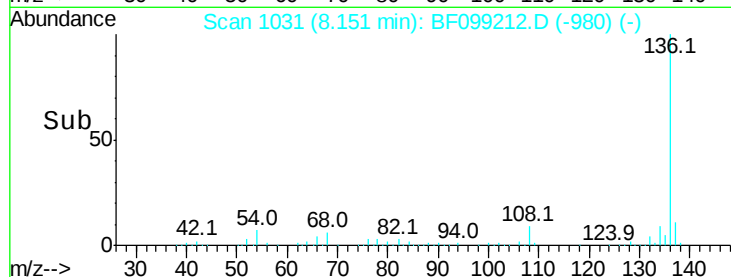
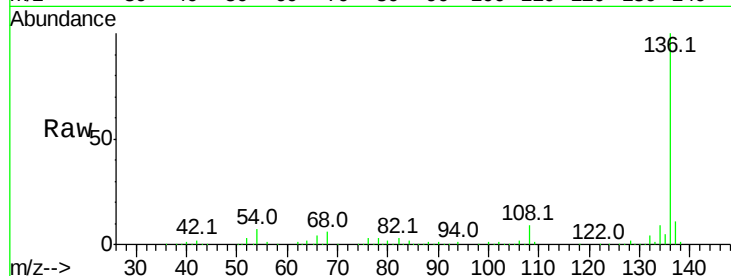




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

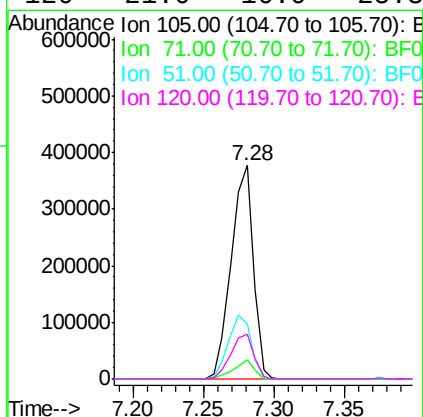
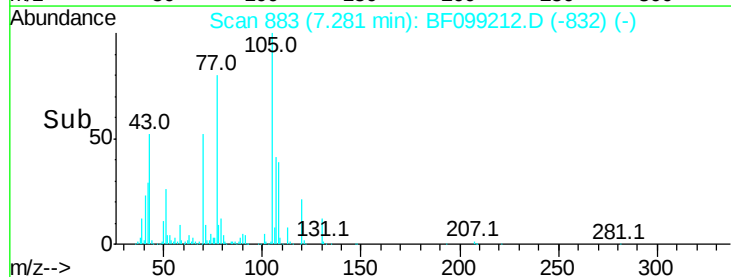
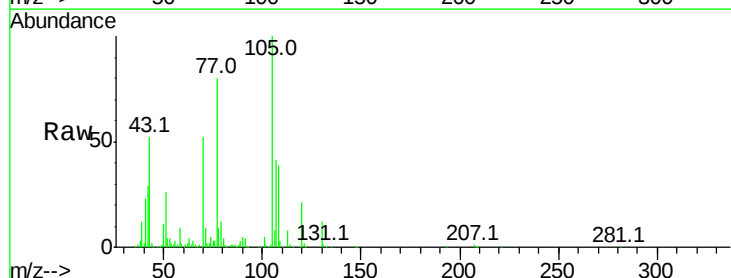
Instrument :
BNA_F
ClientSampleId :

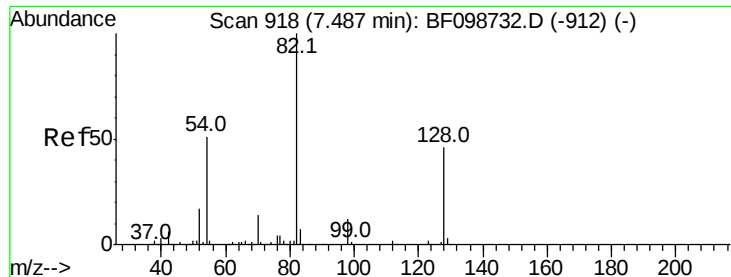
Tot Ion:	136	Resp:	476173
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 35.851 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	105	Resp:	413602
Ion	Ratio	Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	25.8	22.3	33.5
120	21.0	16.9	25.3

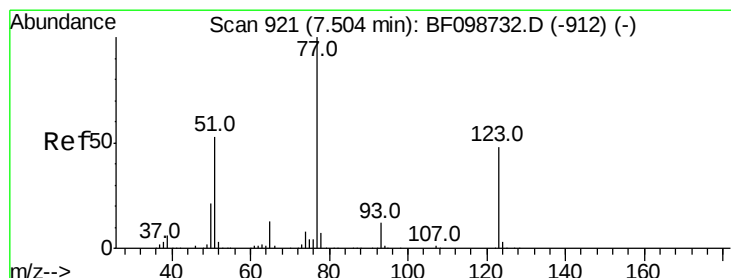
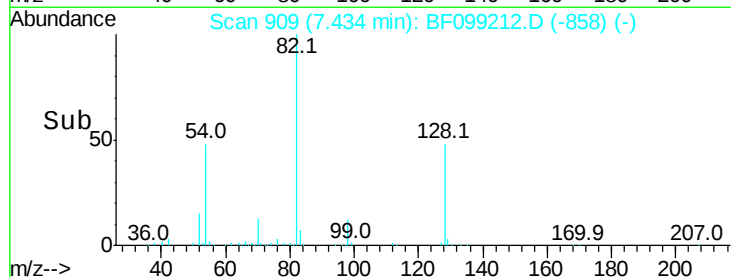
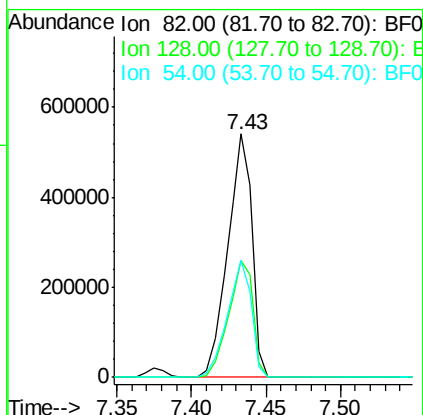
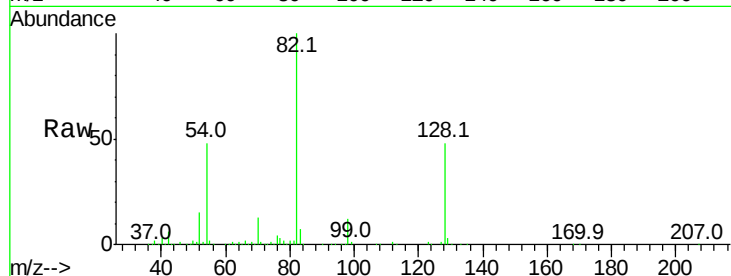




#23
 Nitrobenzene-d5
 Concen: 83.251 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

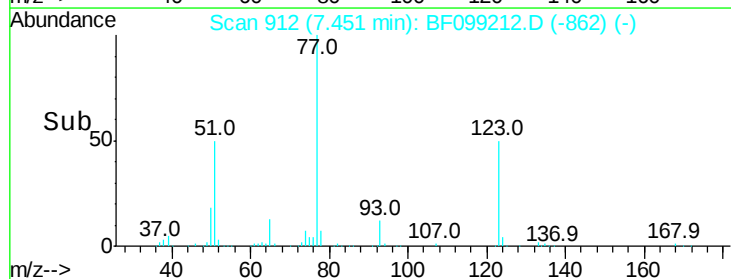
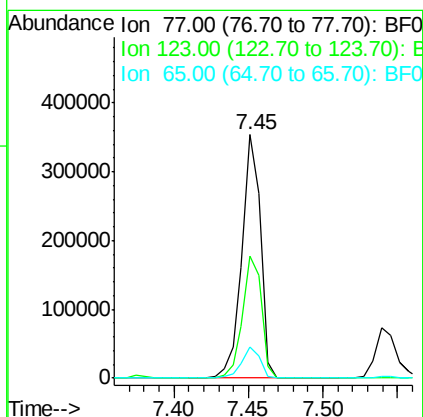
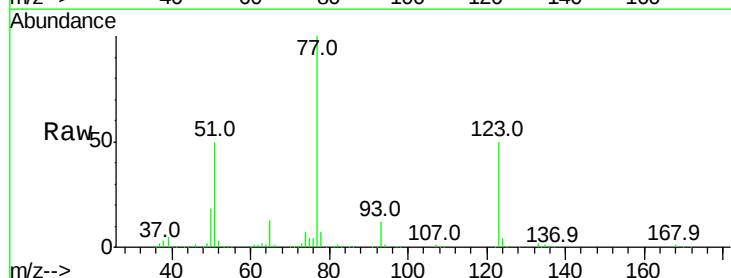
Instrument :
 BNA_F
 ClientSampleId :

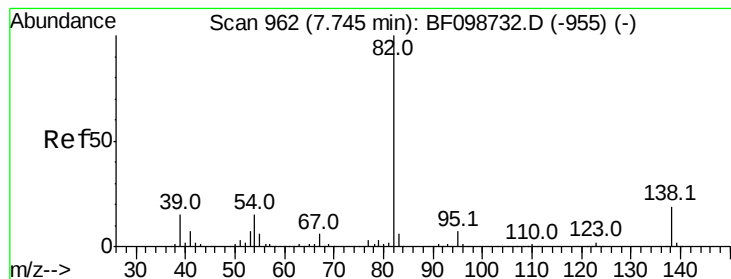
Tot Ion: 82 Resp: 618149
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 47.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 36.677 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion: 77 Resp: 308923
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 37.199 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

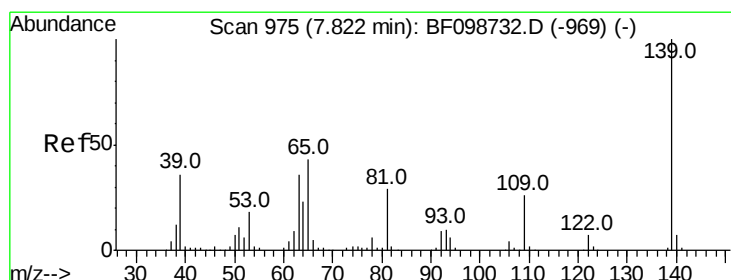
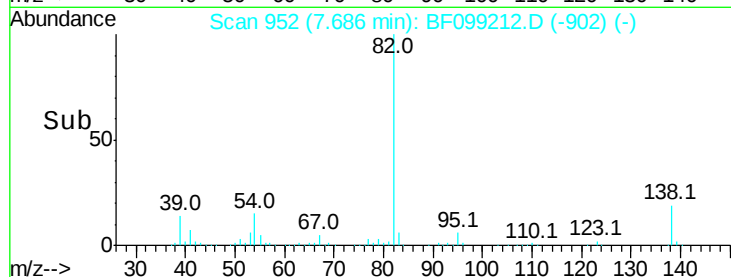
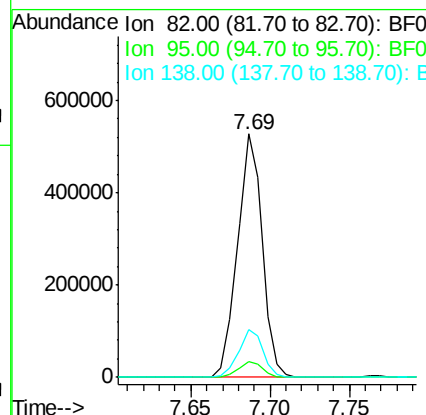
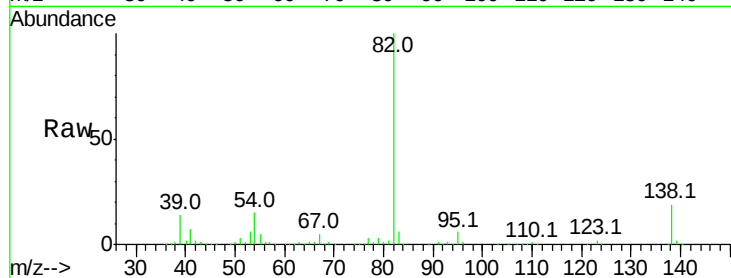
Tot Ion: 82 Resp: 571059

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 32.564 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

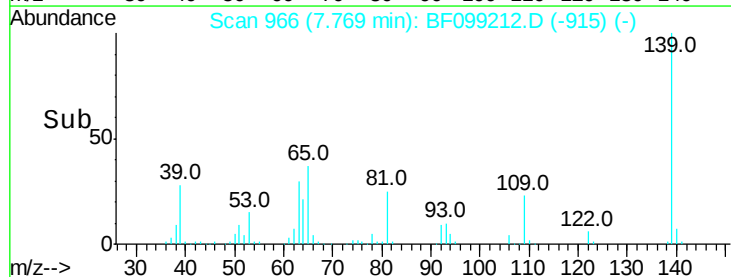
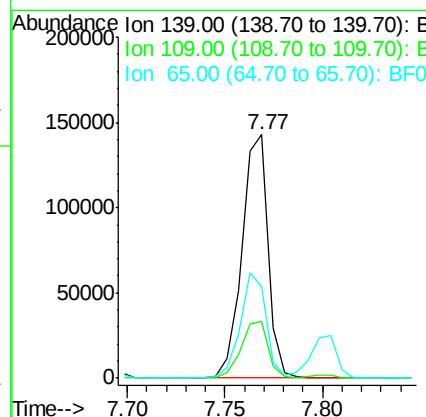
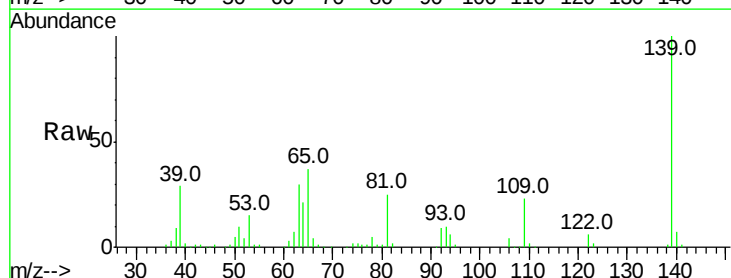
Tgt Ion: 139 Resp: 131895

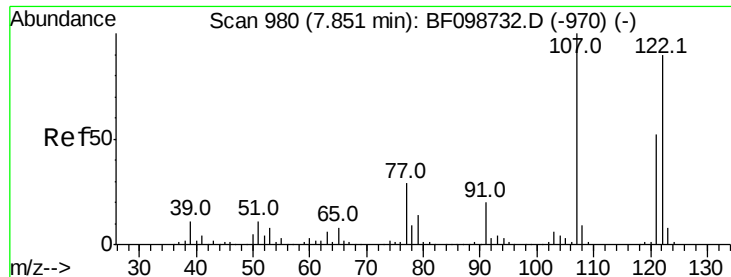
Ion Ratio Lower Upper

139 100

109 23.1 22.7 34.1

65 37.3 40.5 60.7#

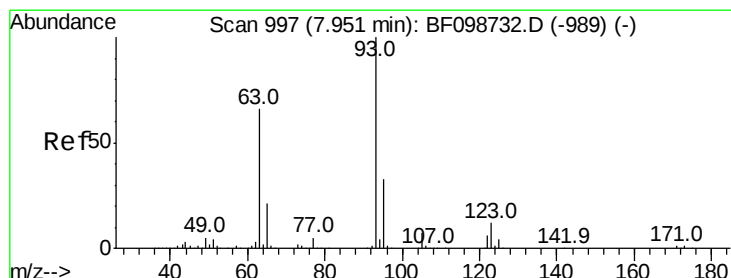
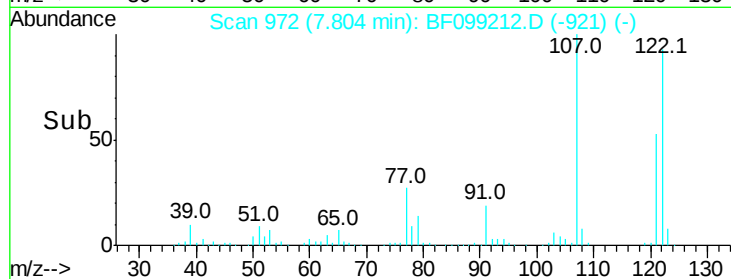
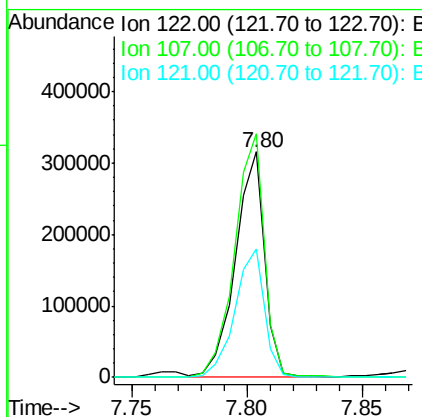
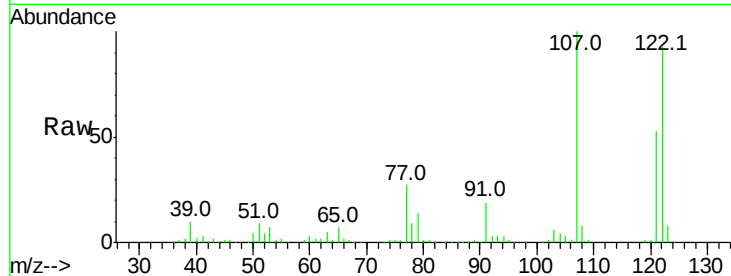




#27
 2,4-Dimethylphenol
 Concen: 36.013 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

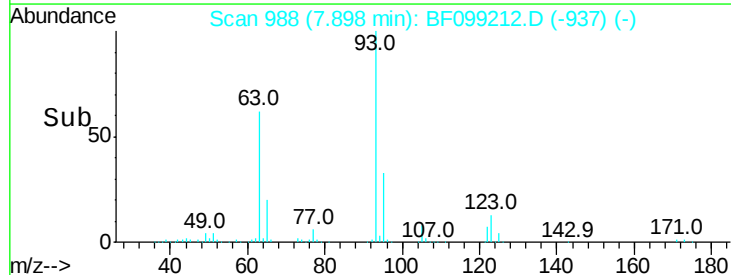
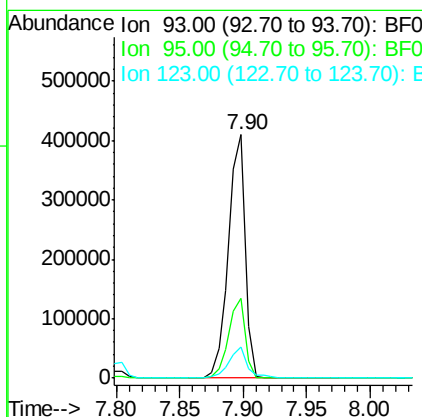
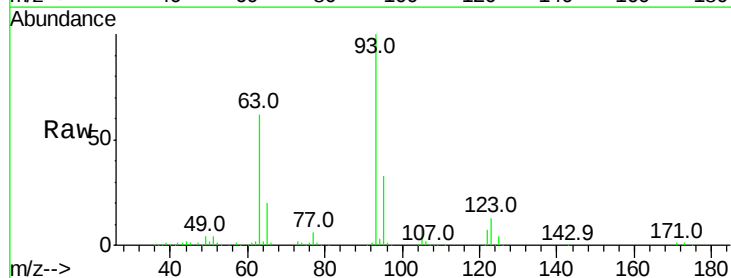
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 275470
 Ion Ratio Lower Upper
 122 100
 107 108.1 91.2 136.8
 121 57.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.261 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion: 93 Resp: 375599
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 12.9 9.8 14.6

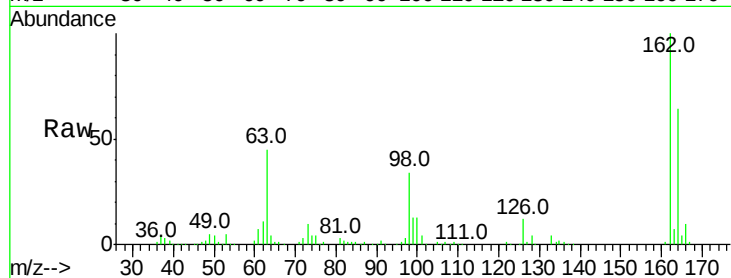




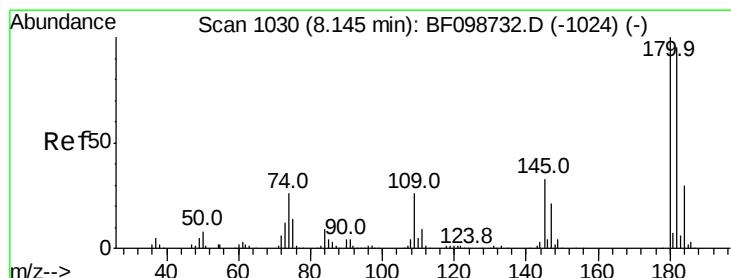
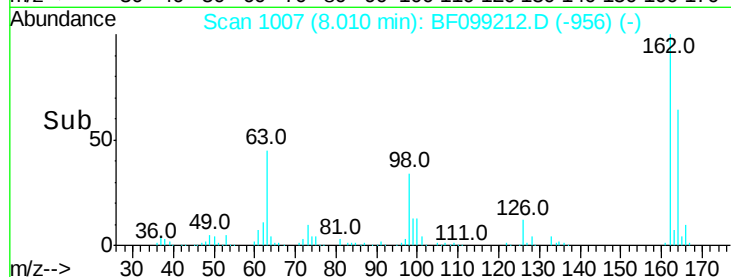
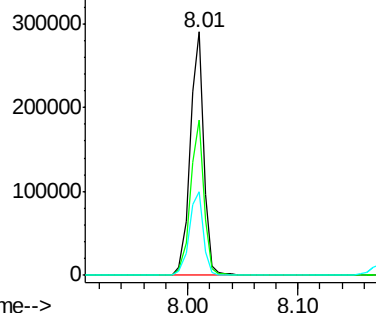
#29
 2,4-Dichlorophenol
 Concen: 38.007 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	34.3	18.1	58.1

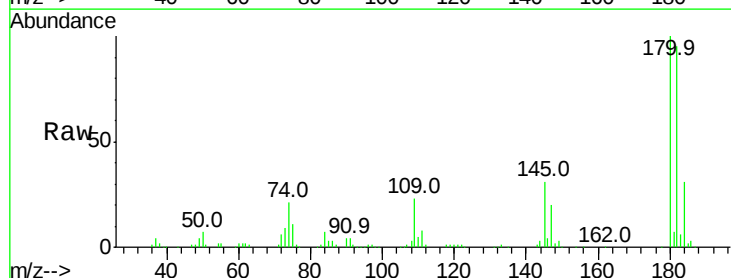


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

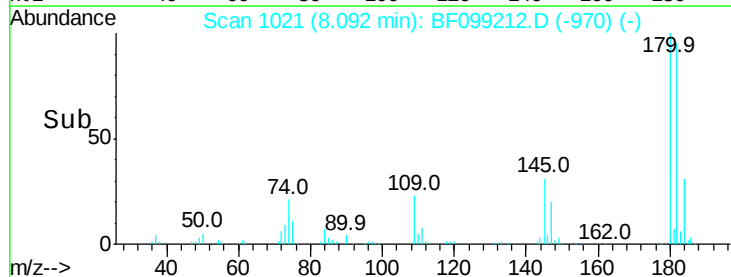
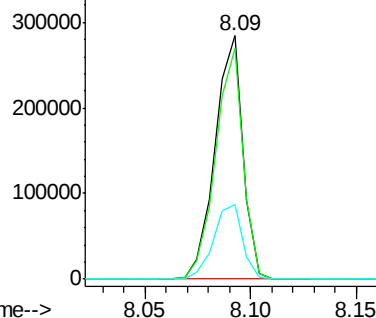


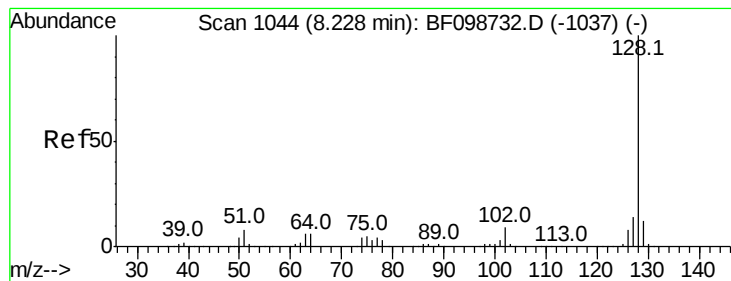
#30
 1,2,4-Trichlorobenzene
 Concen: 39.573 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	30.9	26.5	39.7



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





#31

Naphthalene

Concen: 37.898 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

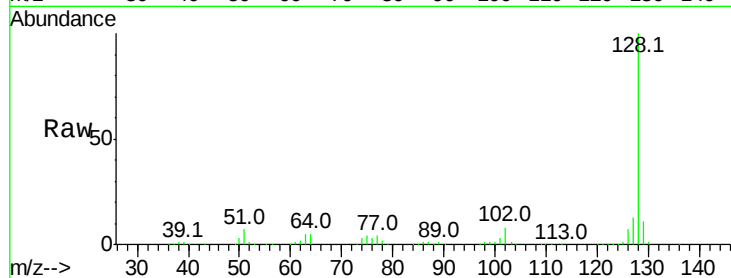
Tot Ion:128 Resp: 847556

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

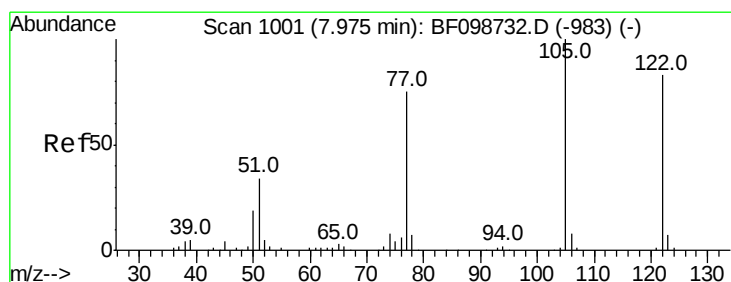
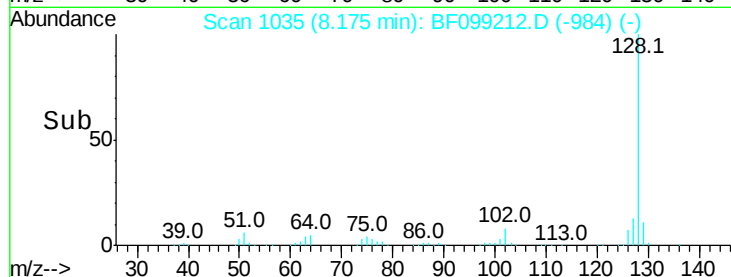
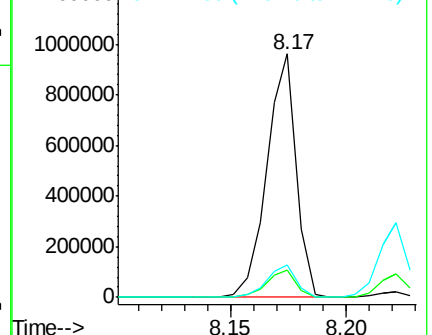
127 13.4 10.9 16.3



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: 2.613 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

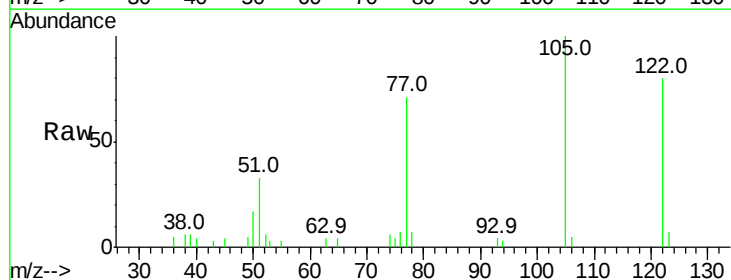
Tgt Ion:122 Resp: 16419

Ion Ratio Lower Upper

122 100

105 124.5 101.1 141.1

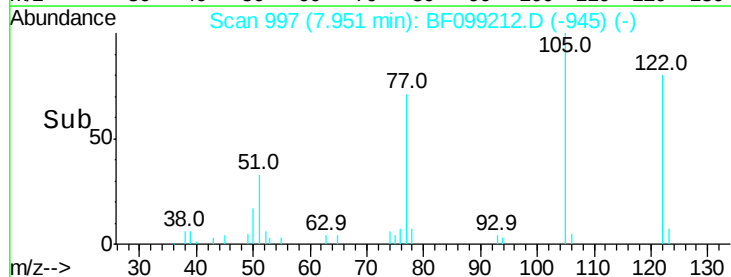
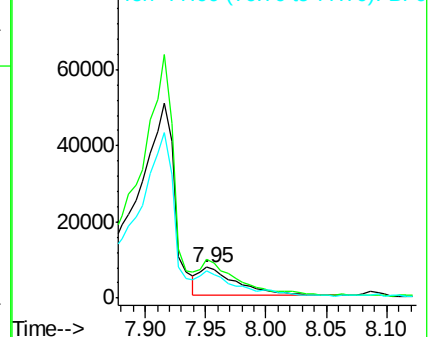
77 88.0 70.7 110.7

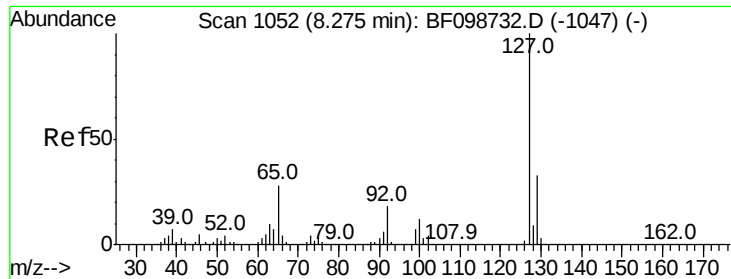


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

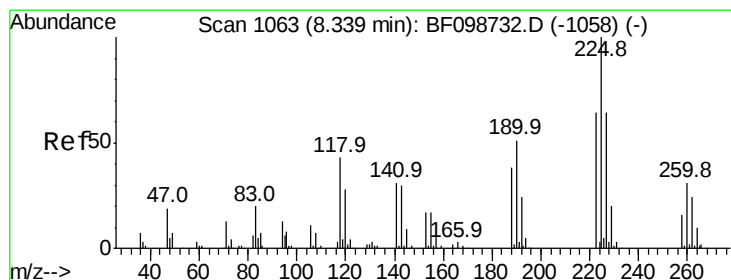
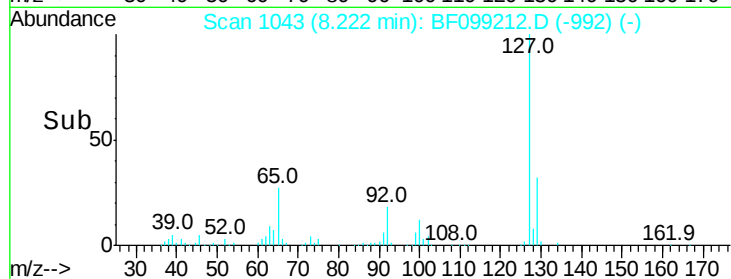
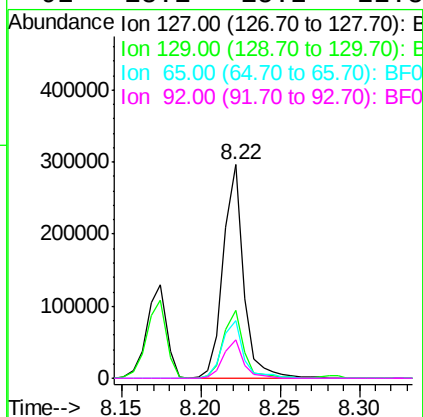
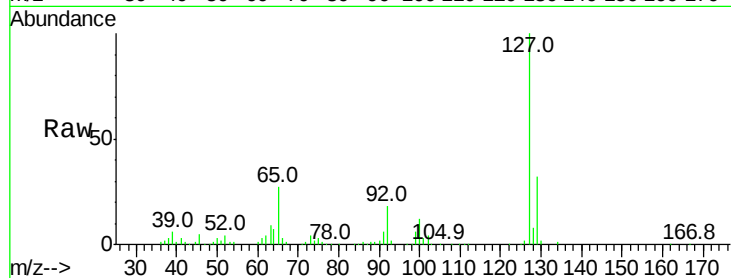




#33
4-Chloroaniline
Concen: 28.175 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

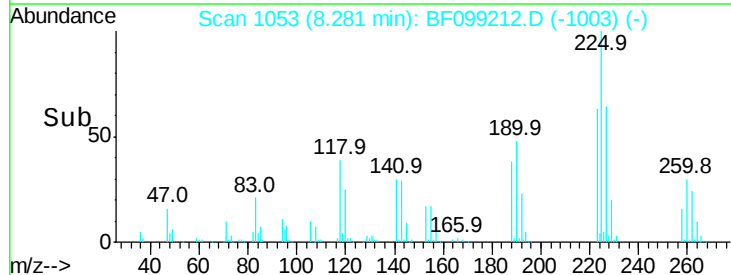
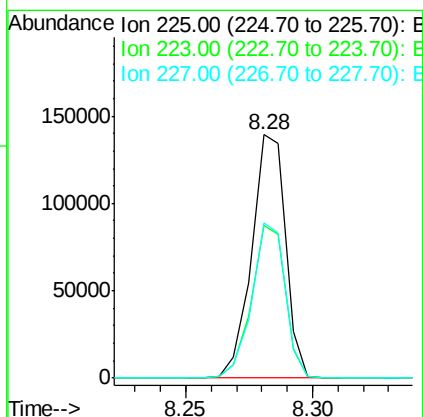
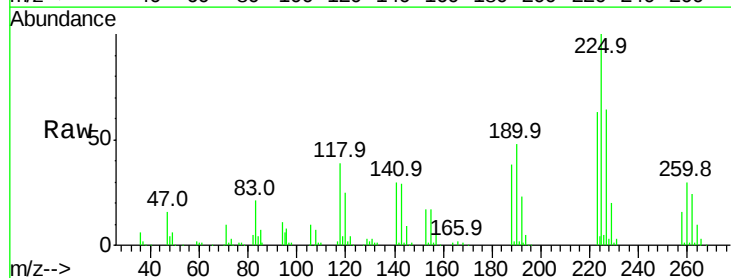
Instrument :
BNA_F
ClientSampleId :

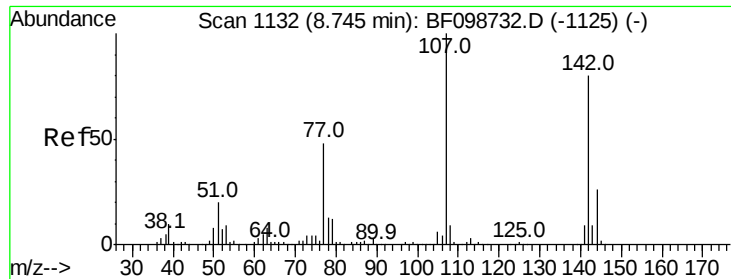
Tot Ion:	127	Resp:	263137
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	27.0	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.471 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:	225	Resp:	130153
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.5	51.9	77.9

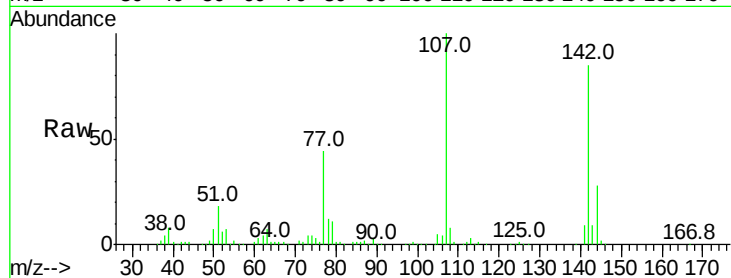




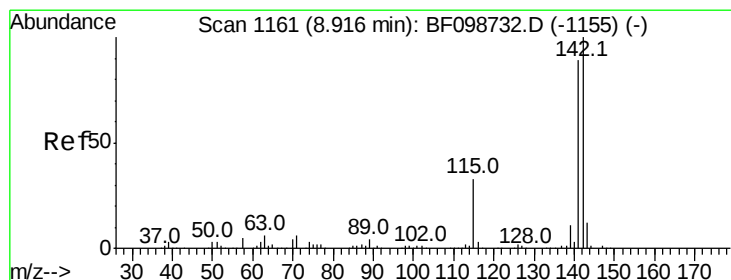
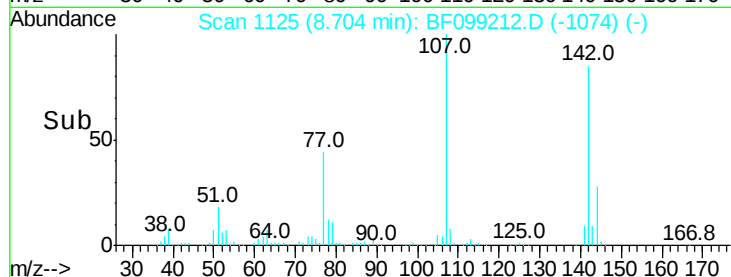
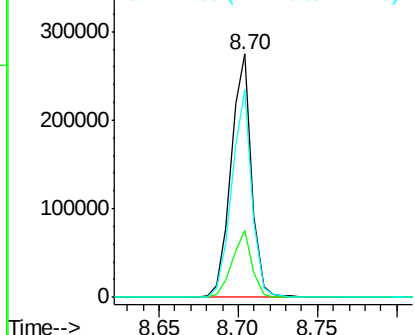
#36
 4-Chloro-3-methylphenol
 Concen: 33.487 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 247189
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 85.3 62.0 93.0

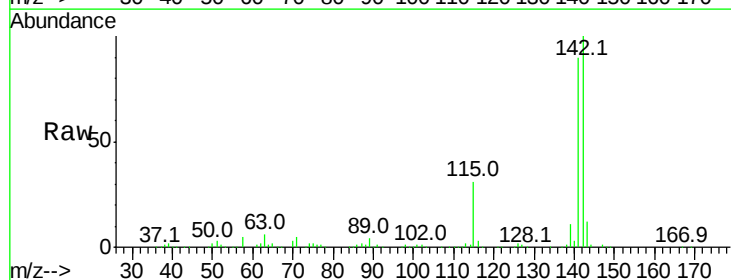


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

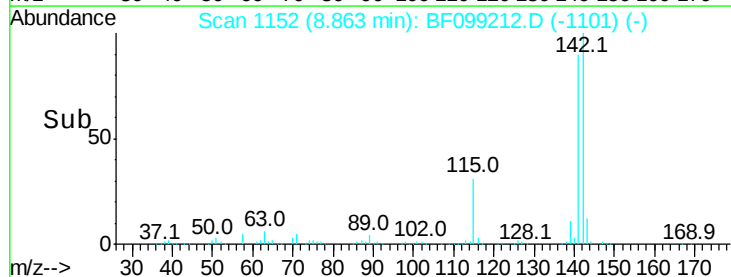
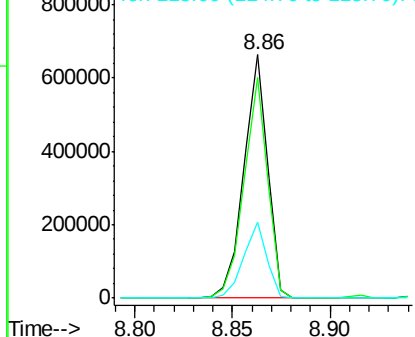


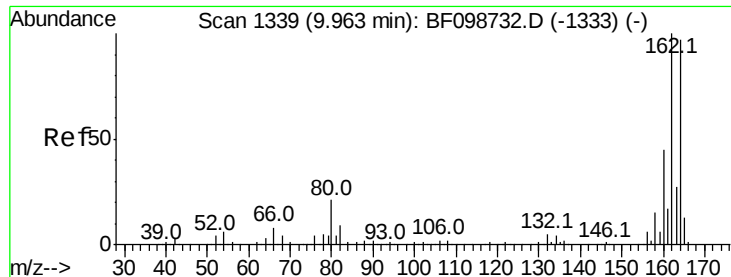
#37
 2-Methylnaphthalene
 Concen: 38.514 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:142 Resp: 559939
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.8 106.2
 115 31.3 26.1 39.1



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

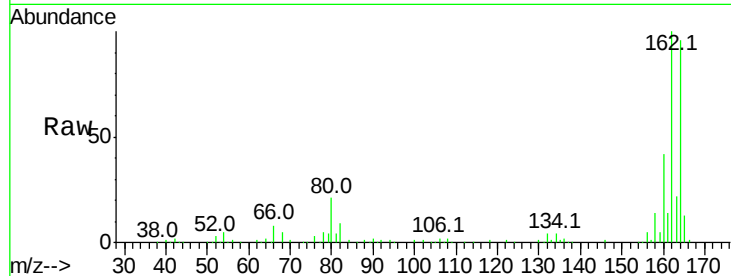




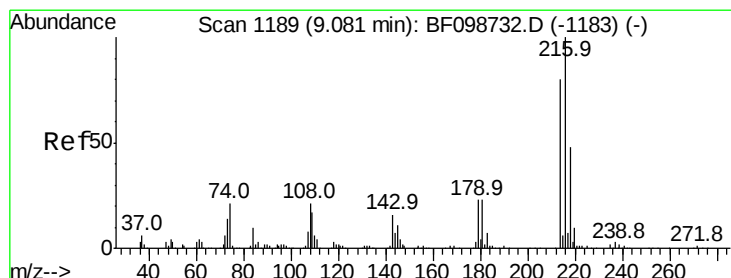
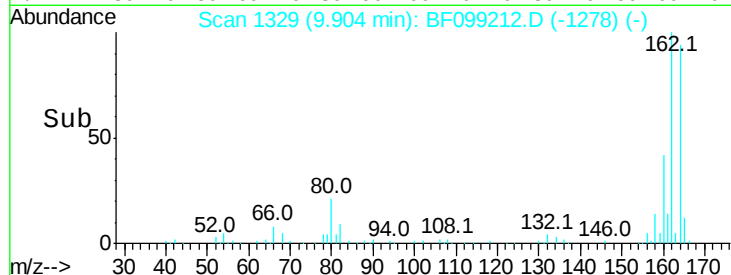
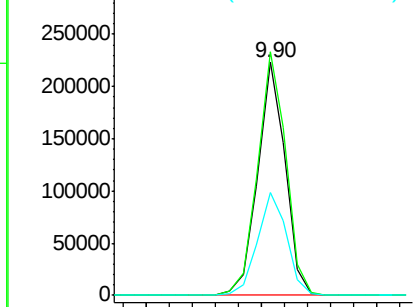
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 185267
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 44.1 38.3 57.5

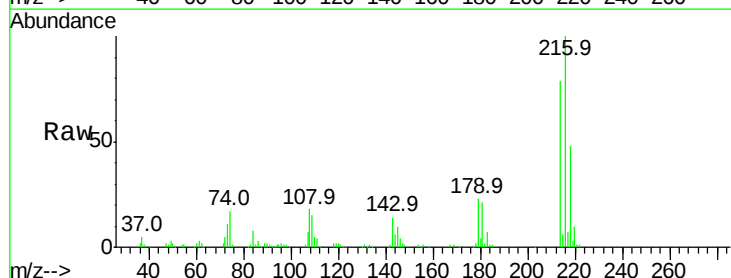


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

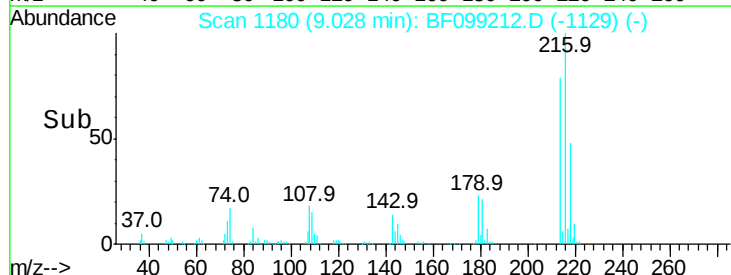
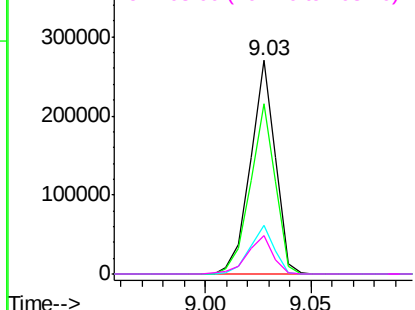


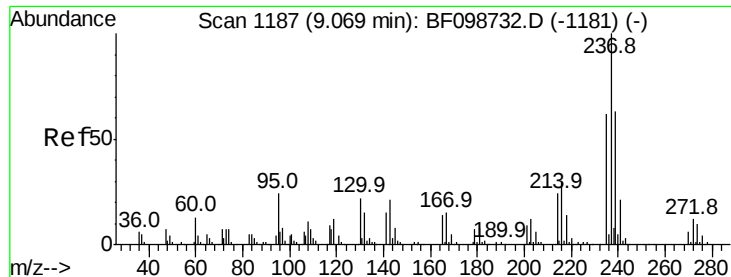
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.978 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:216 Resp: 220886
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 22.5 18.1 27.1
108 18.4 17.2 25.8



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

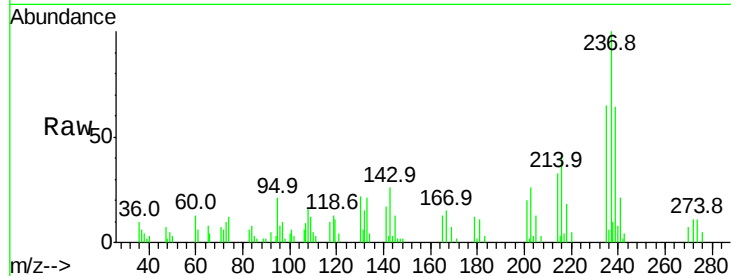




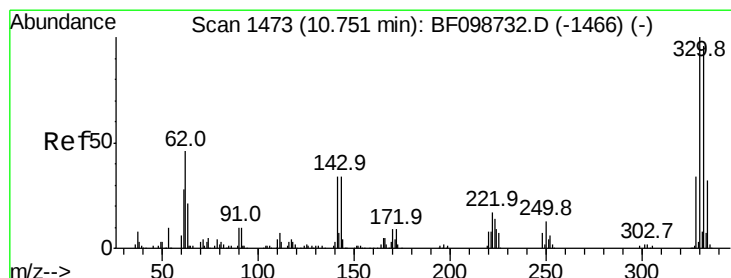
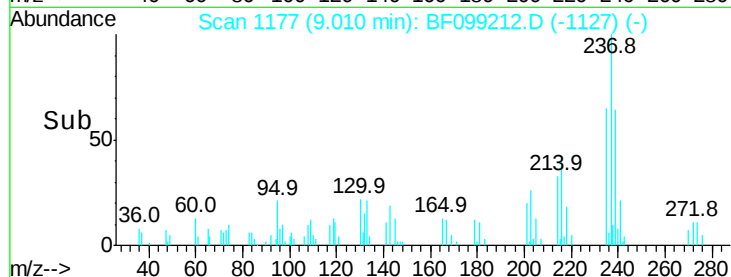
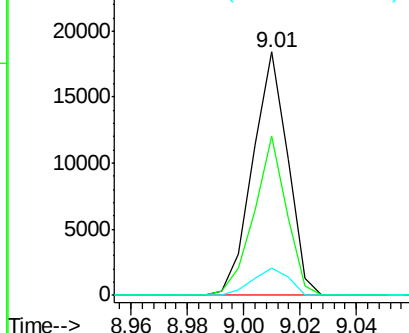
#40
Hexachlorocyclopentadiene
Concen: 6.270 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 15831
Ion Ratio Lower Upper
237 100
235 65.3 44.8 84.8
272 11.2 0.0 33.3

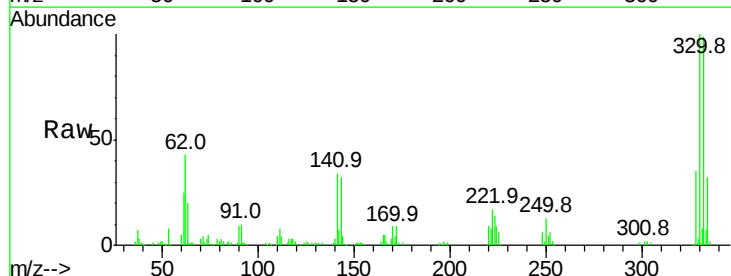


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

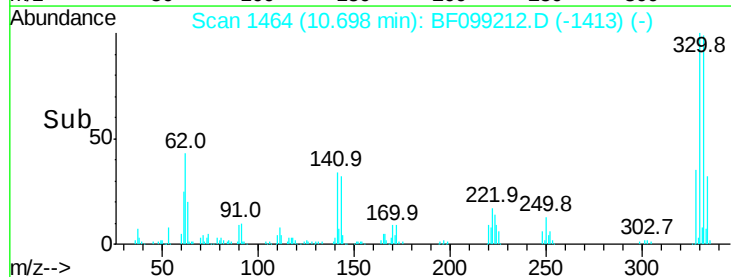
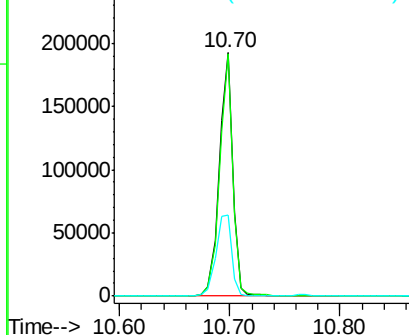


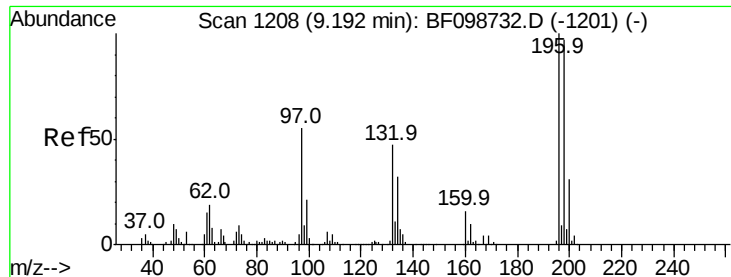
#41
2,4,6-Tribromophenol
Concen: 108.327 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:330 Resp: 164222
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 38.7 29.9 44.9



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

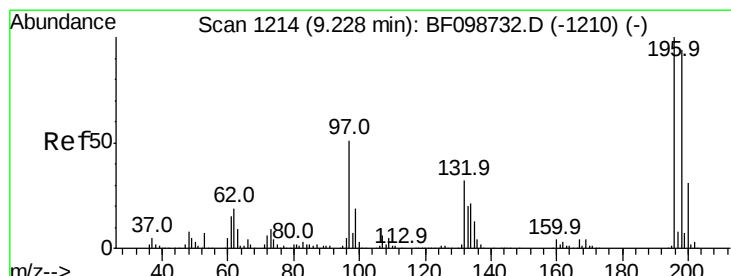
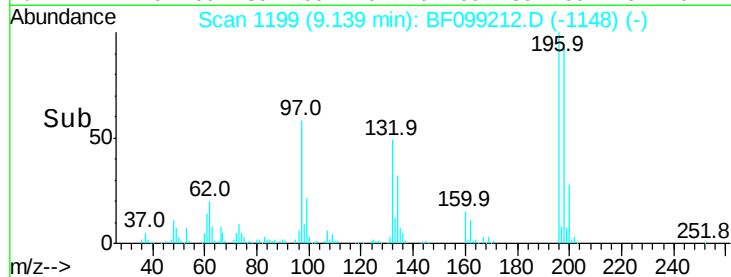
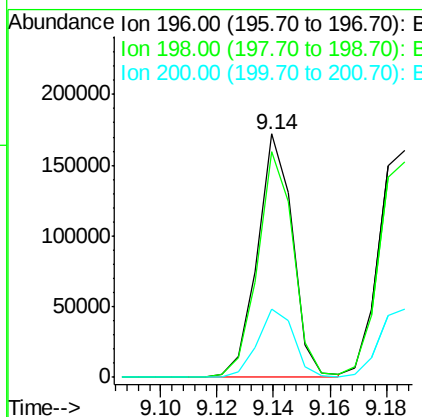
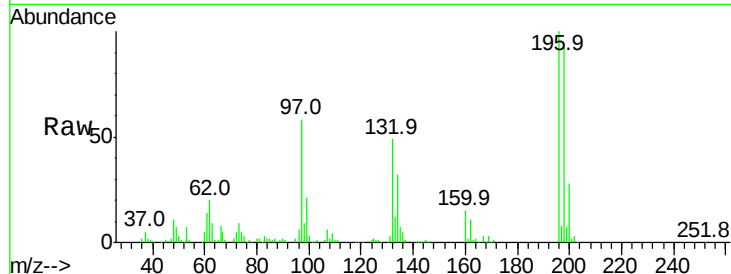




#42
 2,4,6-Trichlorophenol
 Concen: 38.049 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

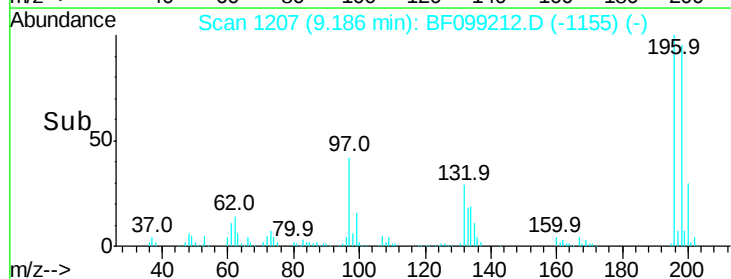
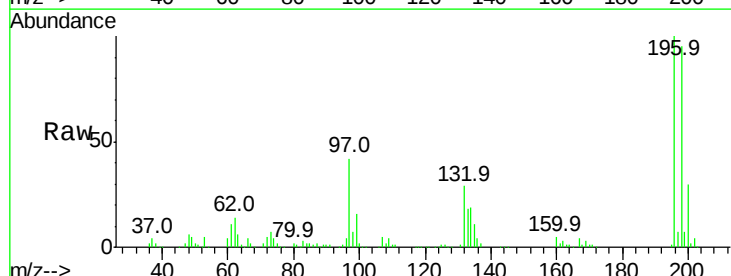
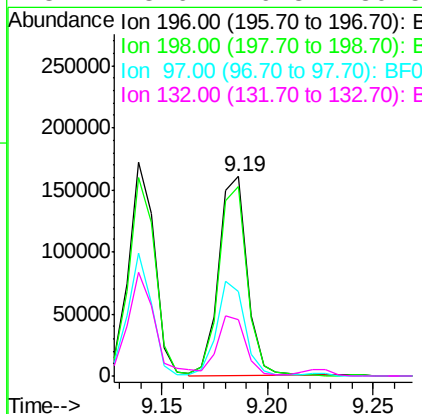
Instrument :
 BNA_F
 ClientSampled :

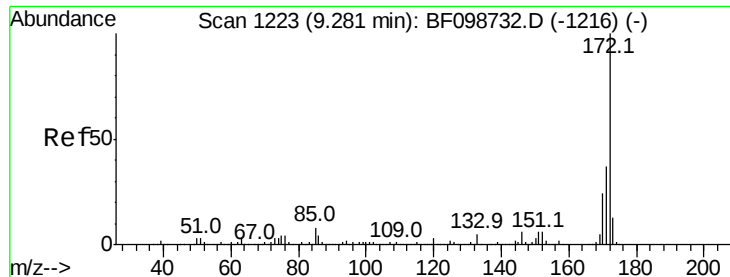
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.7	113.5
200	28.1	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 38.400 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	42.3	42.9	64.3#
132	28.6	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 96.630 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

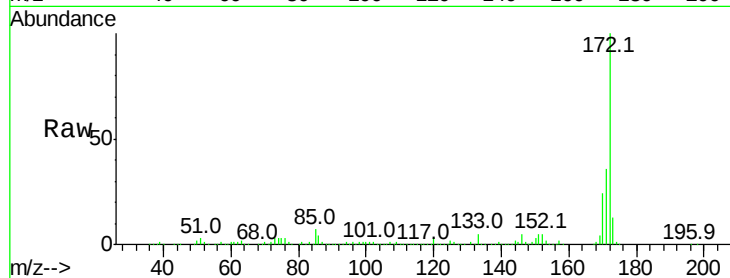
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1072370

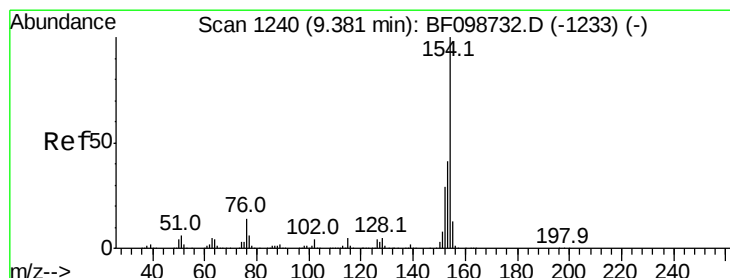
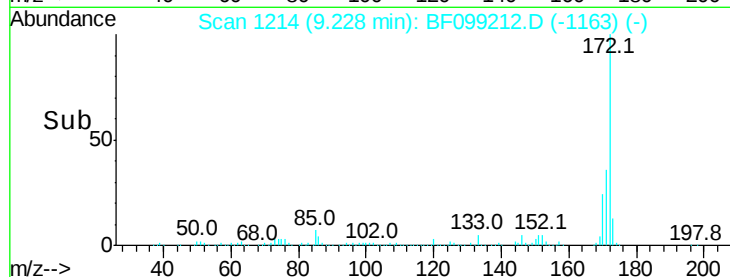
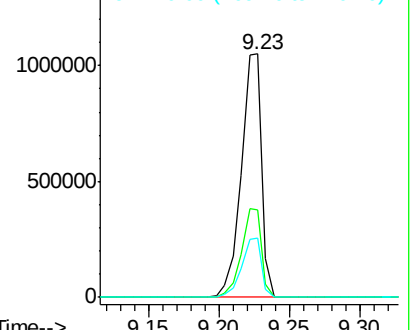
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.566 ng

RT: 9.33 min Scan# 1231

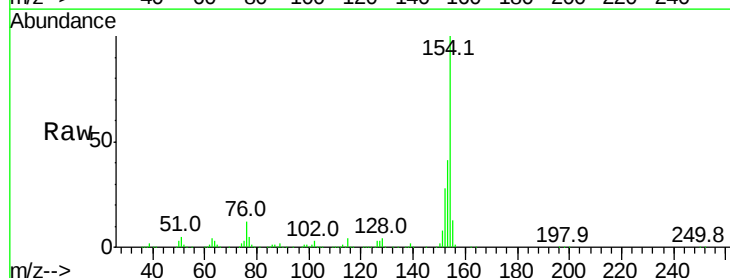
Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Tgt Ion:154 Resp: 629998

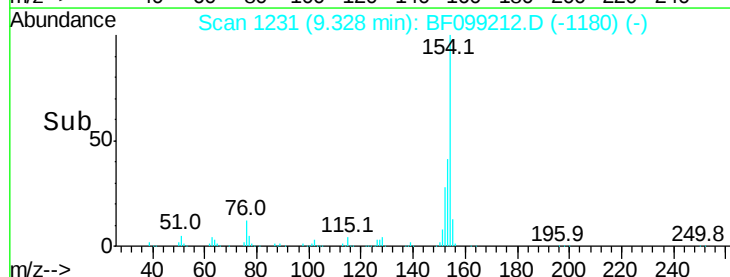
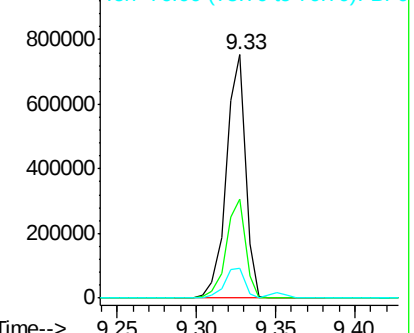
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.1	0.0	34.0

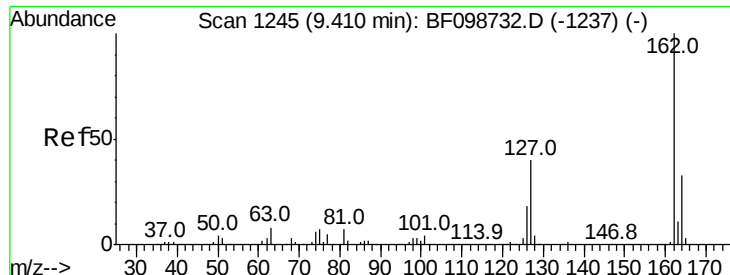


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

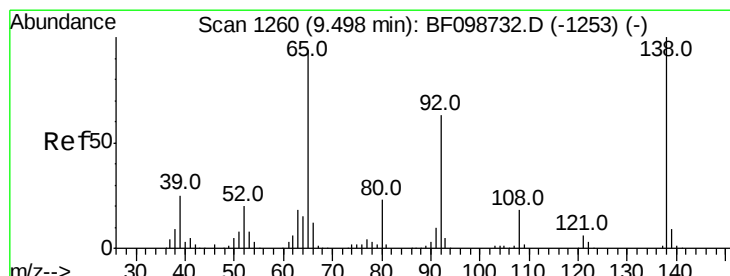
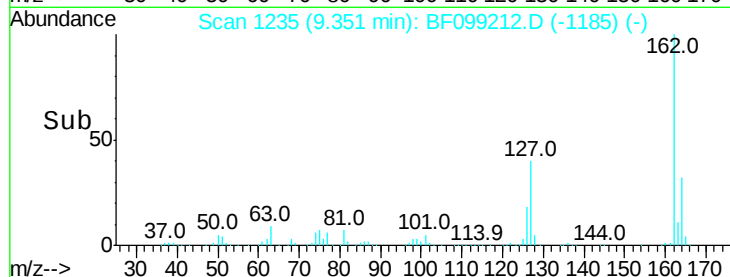
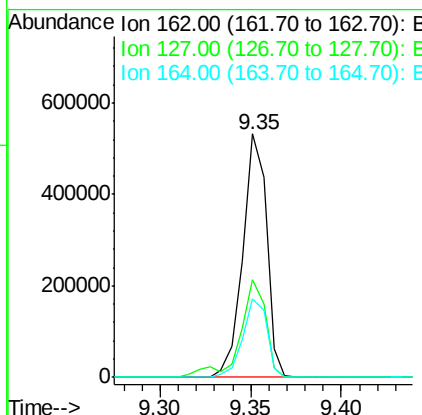
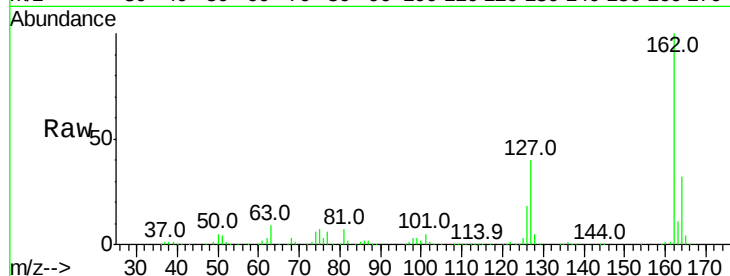




#46
 2-Chloronaphthalene
 Concen: 40.624 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

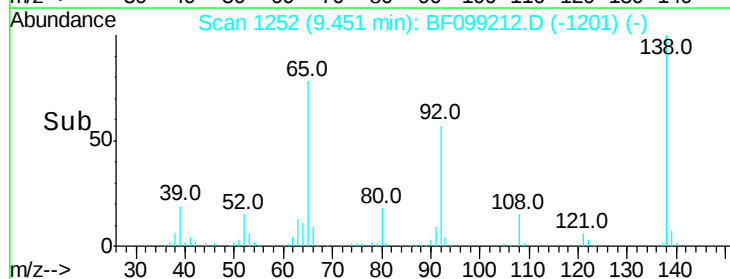
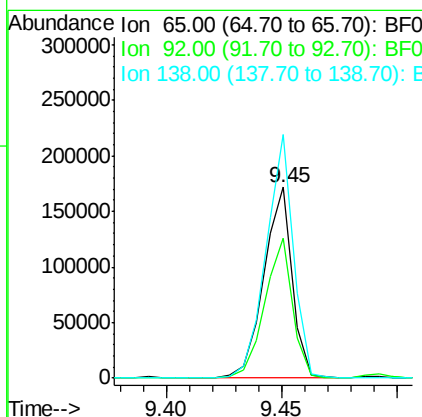
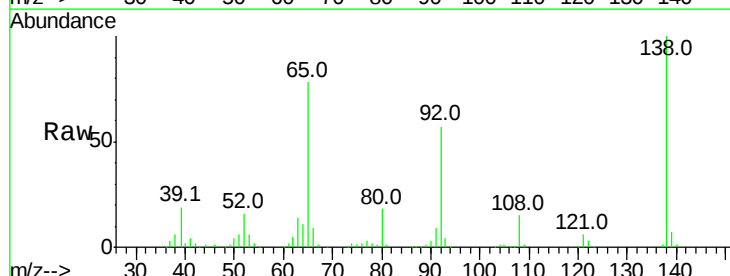
Instrument :
 BNA_F
 ClientSampleId :

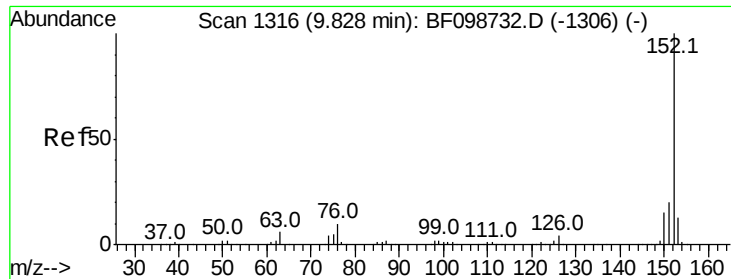
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	32.5	26.5	39.7



#47
 2-Nitroaniline
 Concen: 40.118 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.8	83.6
138	127.7	91.2	136.8





#48

Acenaphthylene

Concen: 38.667 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

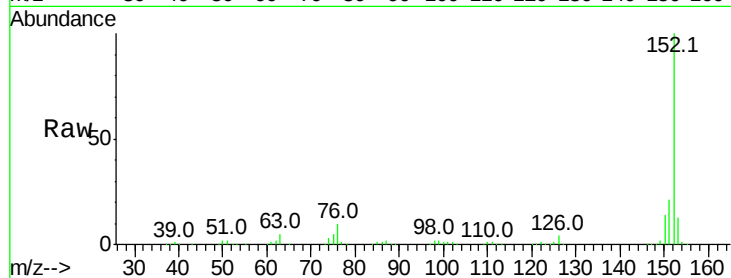
Tot Ion:152 Resp: 707643

Ion Ratio Lower Upper

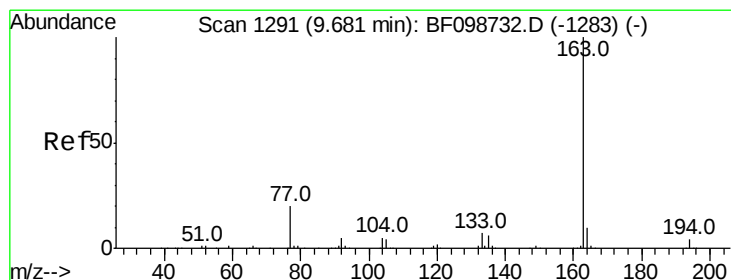
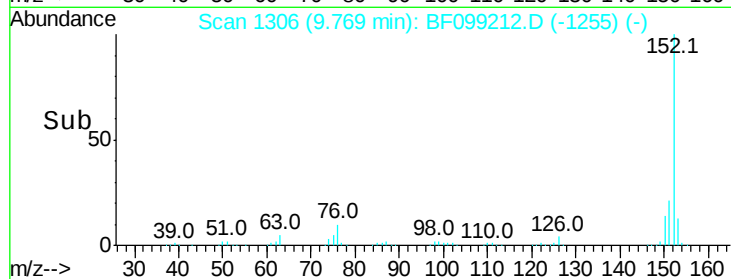
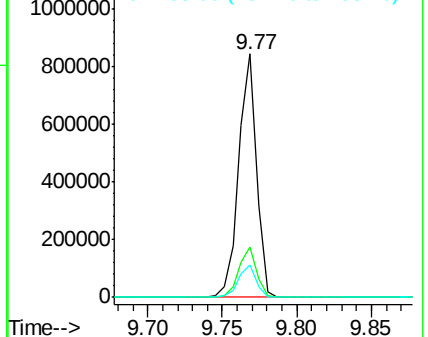
152 100

151 20.6 16.3 24.5

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.782 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

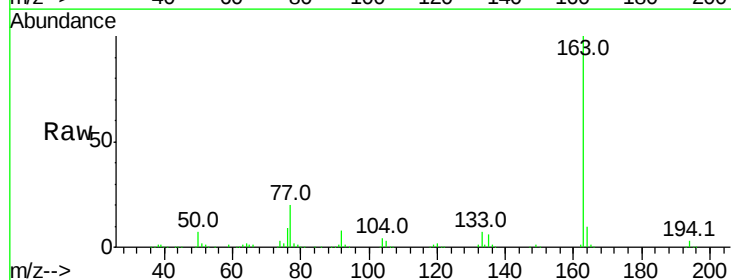
Tgt Ion:163 Resp: 584236

Ion Ratio Lower Upper

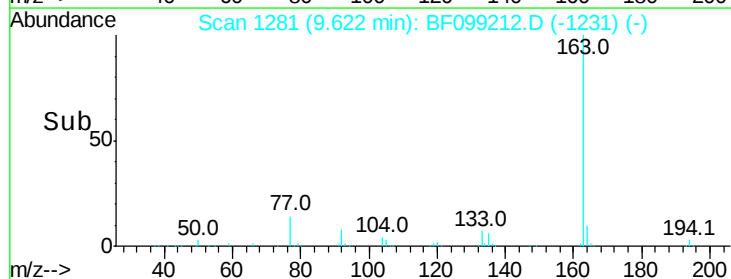
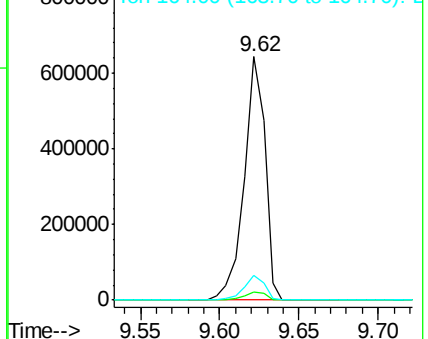
163 100

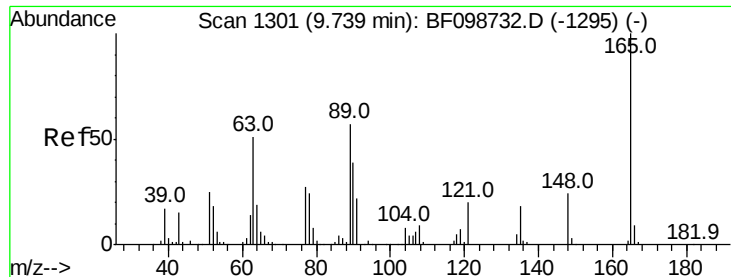
194 3.4 2.7 4.1

164 10.3 8.2 12.2



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

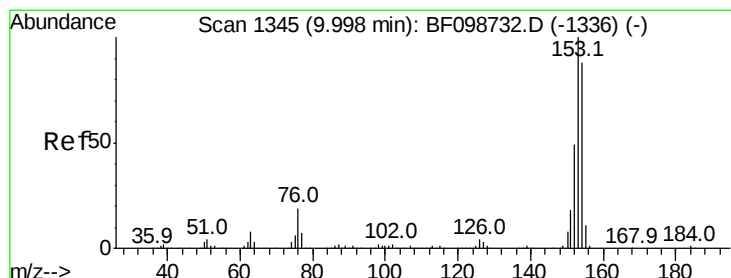
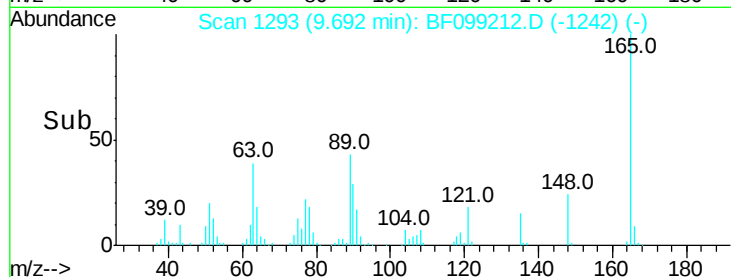
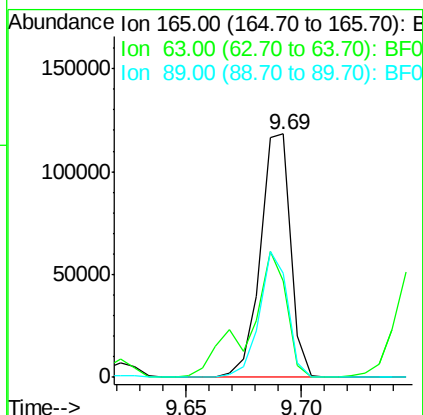
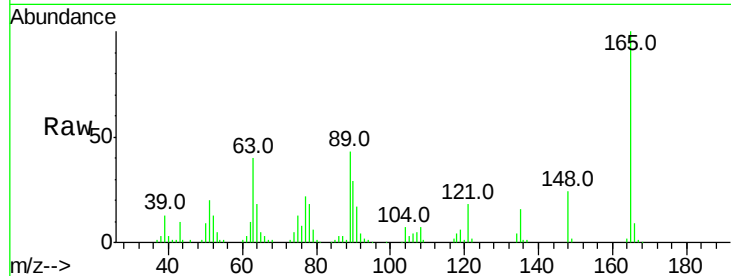




#50
 2,6-Dinitrotoluene
 Concen: 35.591 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

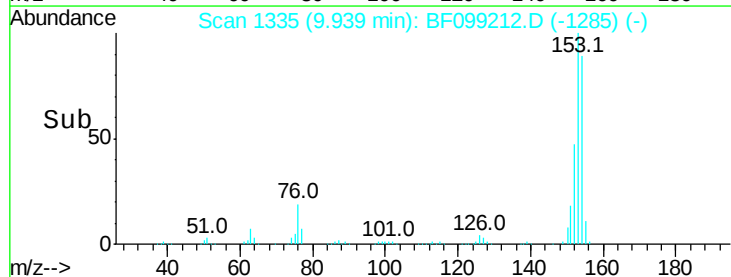
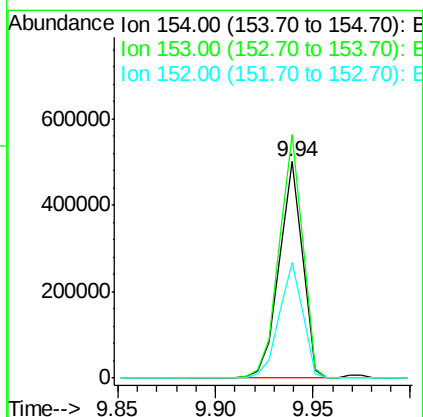
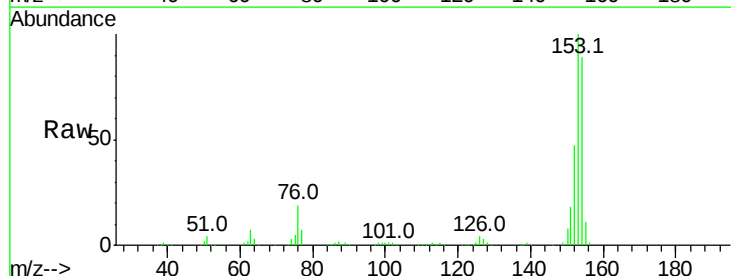
Instrument :
 BNA_F
 ClientSampleId :

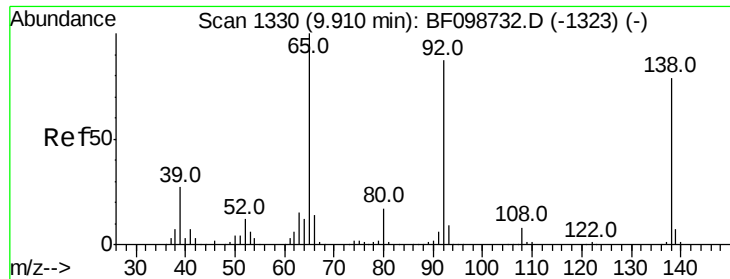
Tot Ion:165 Resp: 108346
 Ion Ratio Lower Upper
 165 100
 63 39.7 44.7 67.1#
 89 42.6 44.0 66.0#



#51
 Acenaphthene
 Concen: 35.998 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:154 Resp: 417319
 Ion Ratio Lower Upper
 154 100
 153 112.4 91.2 136.8
 152 53.1 43.8 65.8

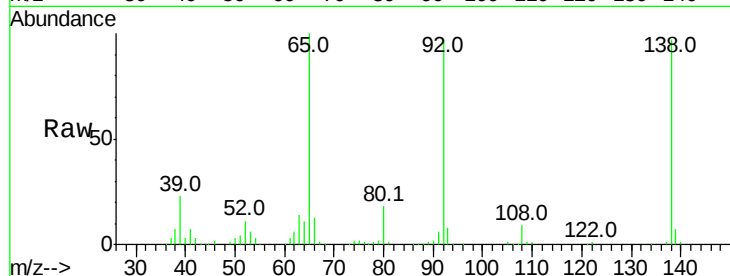




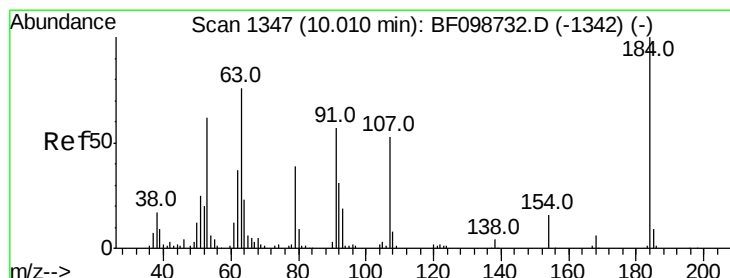
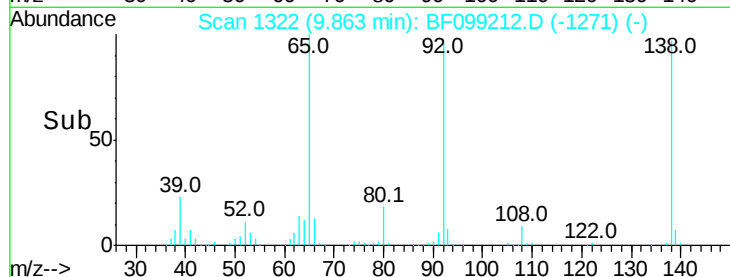
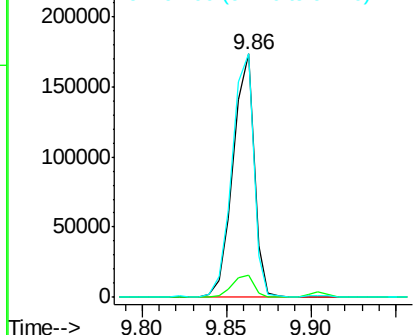
#52
3-Nitroaniline
Concen: 42.422 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 150579
Ion Ratio Lower Upper
138 100
108 9.3 9.4 14.0#
92 99.9 89.4 134.2

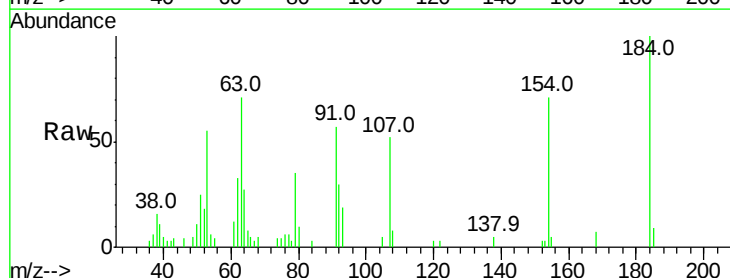


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

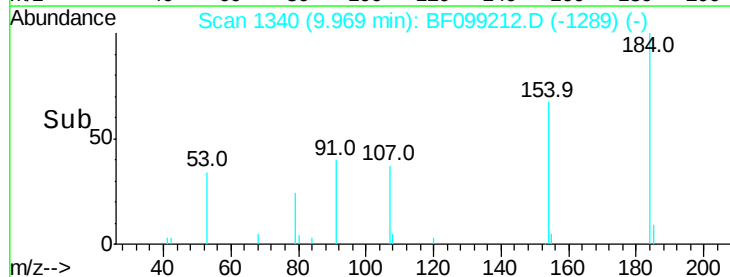
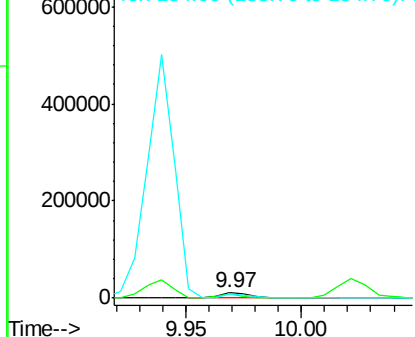


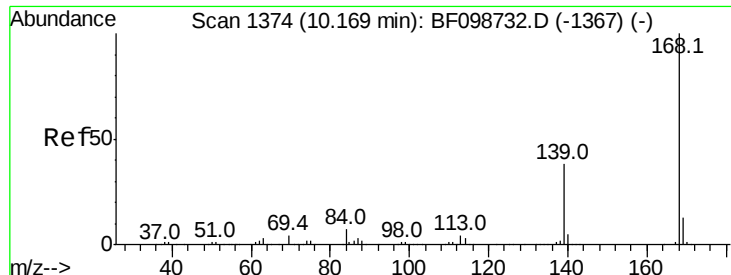
#53
2,4-Dinitrophenol
Concen: 12.205 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:184 Resp: 10902
Ion Ratio Lower Upper
184 100
63 71.2 54.2 81.2
154 70.7 53.5 80.3



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

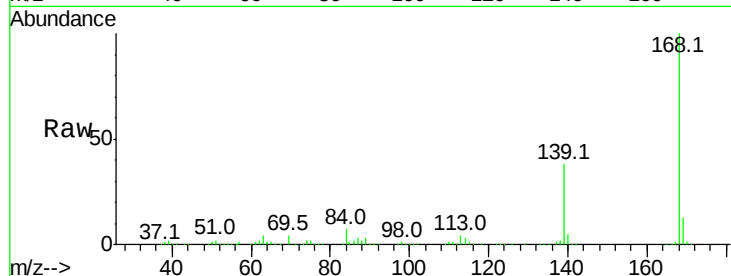




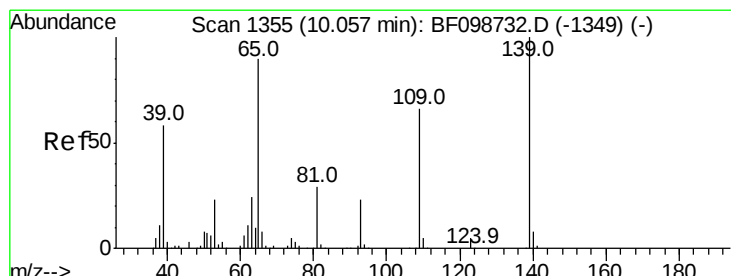
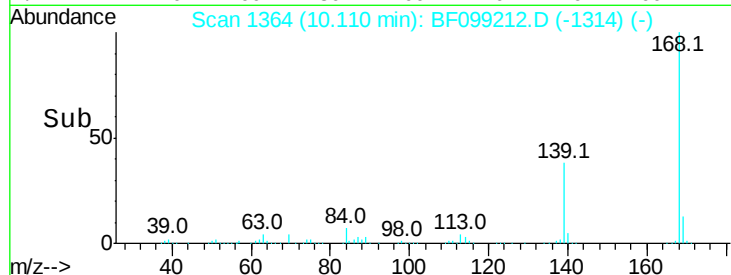
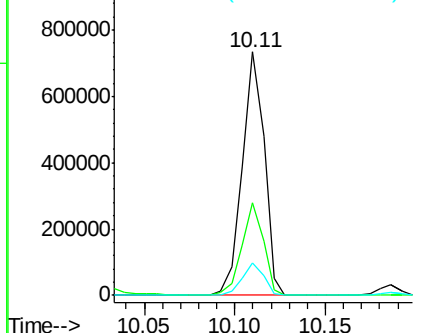
#54
Dibenzofuran
Concen: 40.163 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 619930
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.5 10.9 16.3

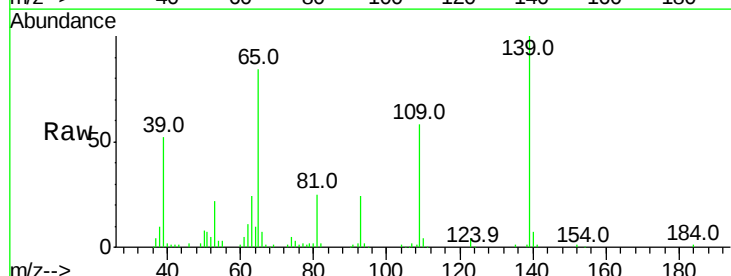


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

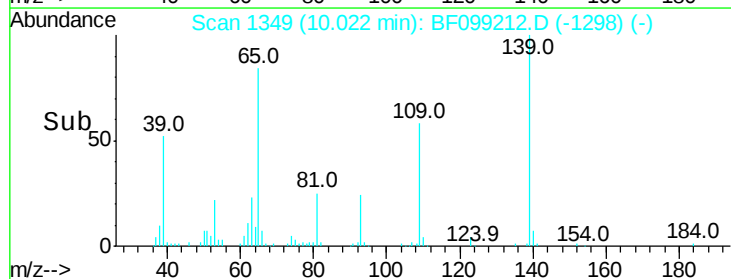
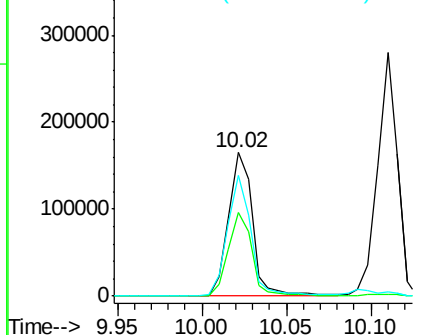


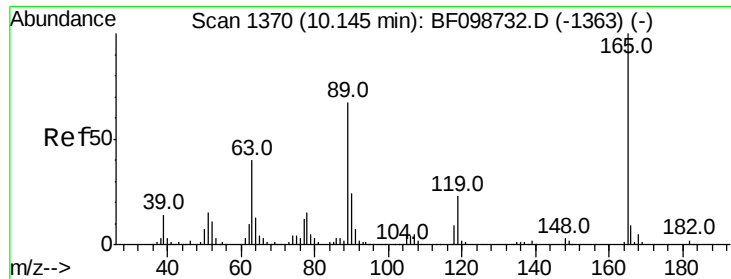
#55
4-Nitrophenol
Concen: 54.773 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:139 Resp: 164395
Ion Ratio Lower Upper
139 100
109 58.4 48.4 88.4
65 84.3 72.6 112.6



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

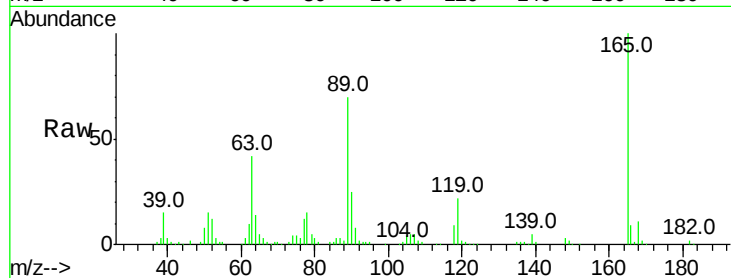




#56
2,4-Dinitrotoluene
Concen: 31.753 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	125449
Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.4	54.6
89	69.6	57.8	86.6
182	2.3	1.6	2.4

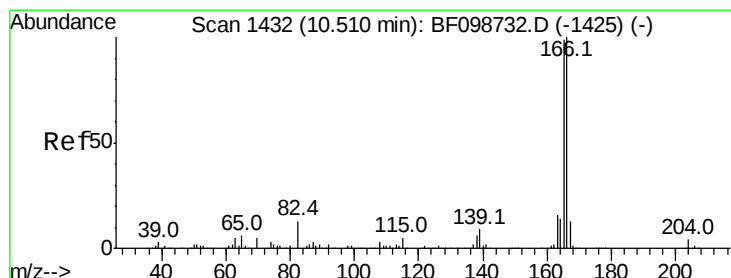
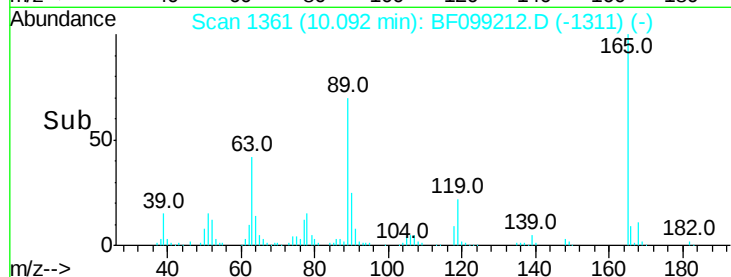
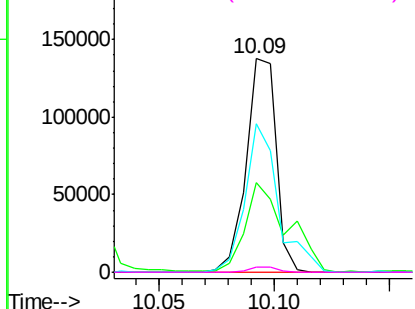


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

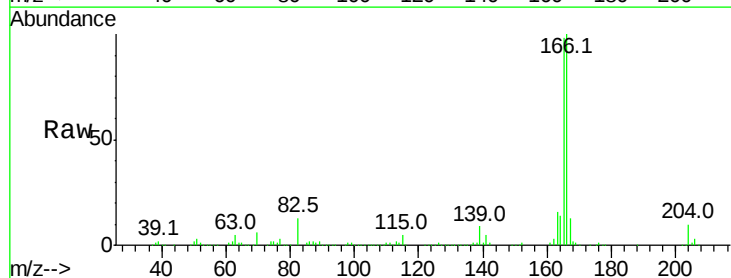
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.484 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

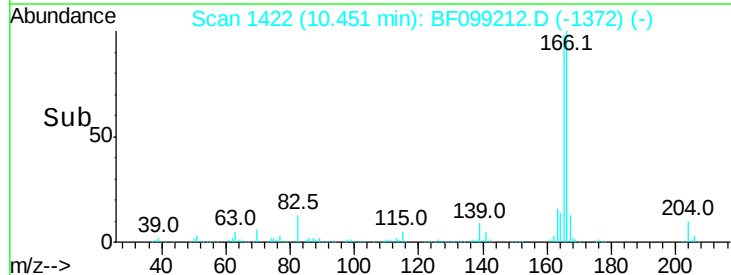
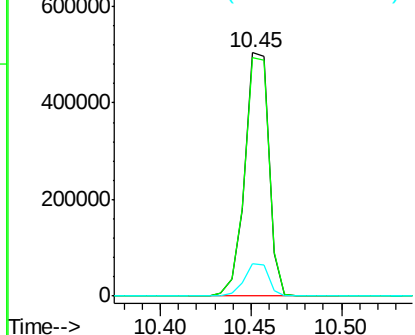
Tgt Ion:	166	Resp:	465035
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.5	10.6	16.0

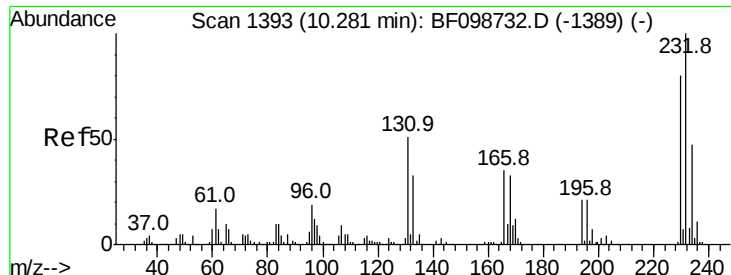


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

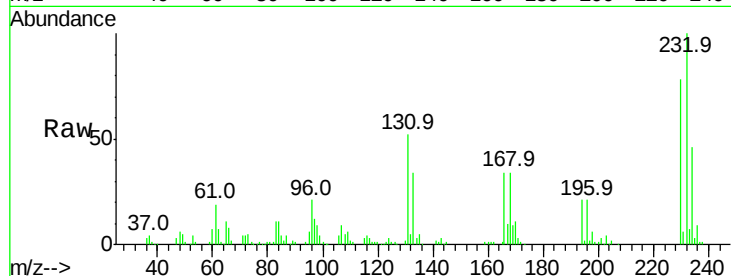




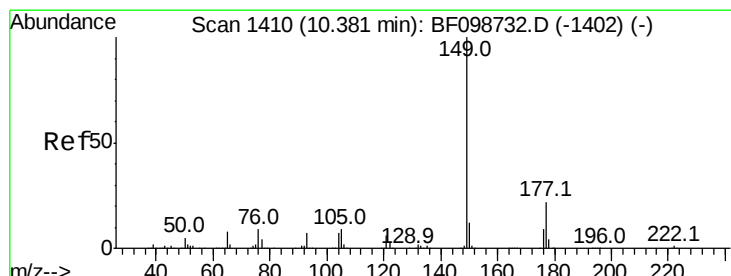
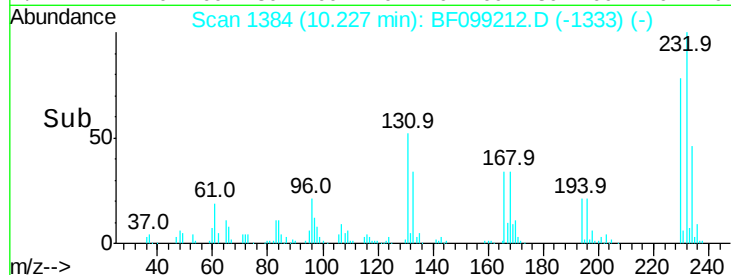
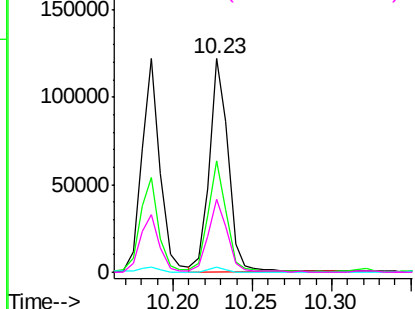
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.916 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 102343
 Ion Ratio Lower Upper
 232 100
 131 52.7 43.8 65.8
 130 2.2 2.1 3.1
 166 35.5 27.8 41.6

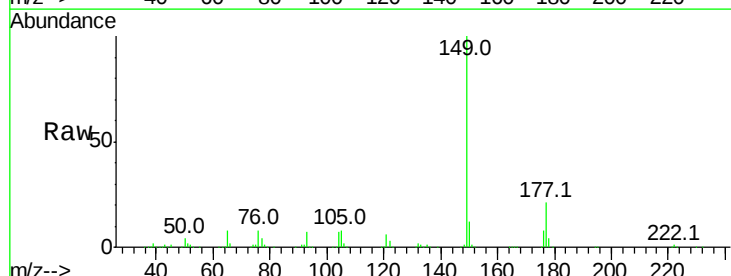


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

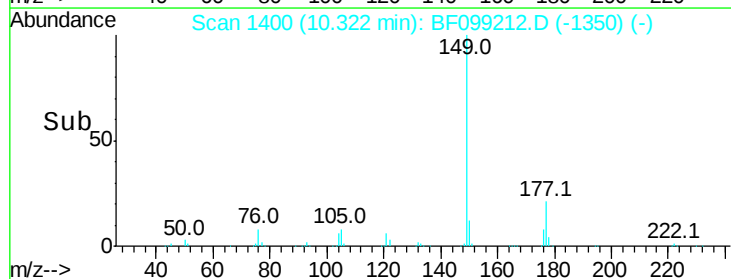
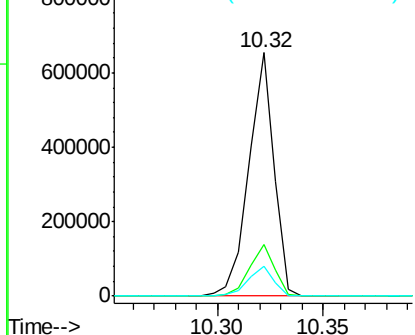


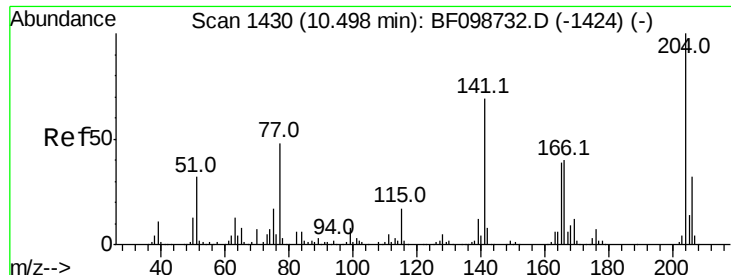
#59
 Diethylphthalate
 Concen: 39.795 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:149 Resp: 543738
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.1 24.1
 150 12.1 10.1 15.1



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

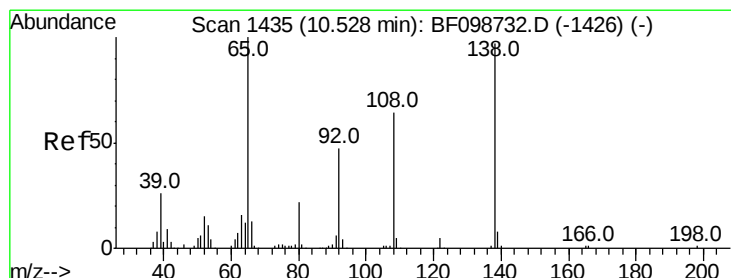
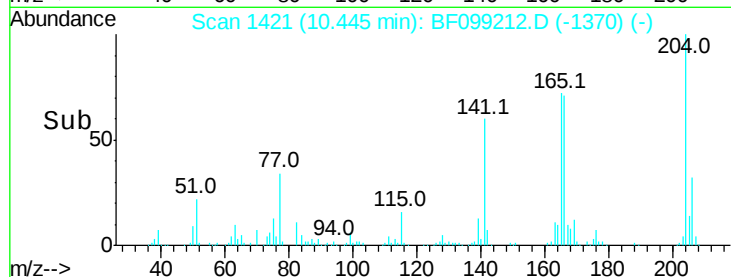
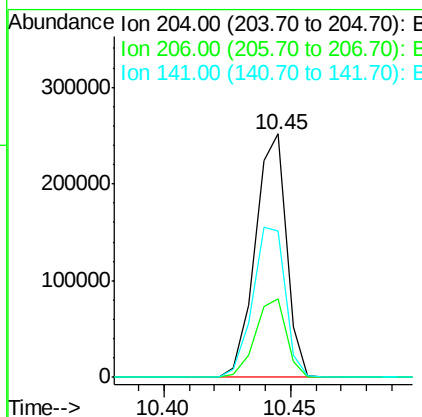
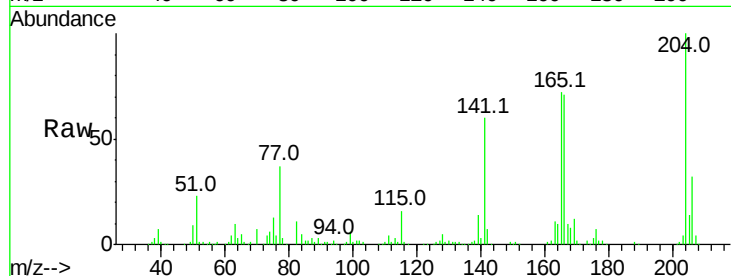




#60
 4-Chlorophenyl-phenylether
 Concen: 38.990 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

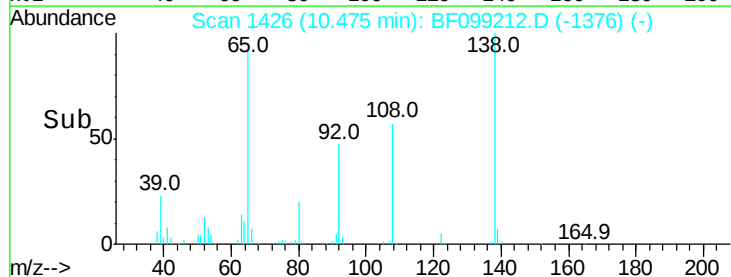
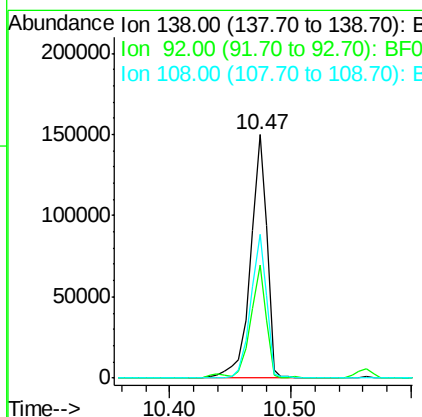
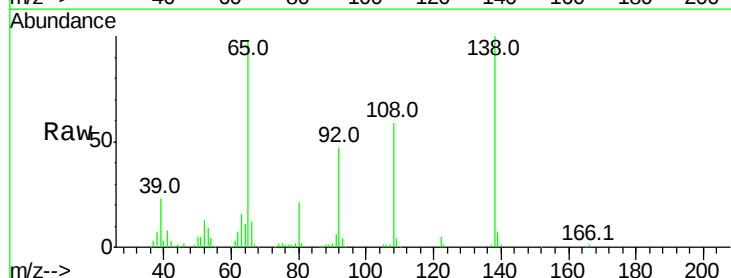
Instrument :
 BNA_F
 ClientSampleId :

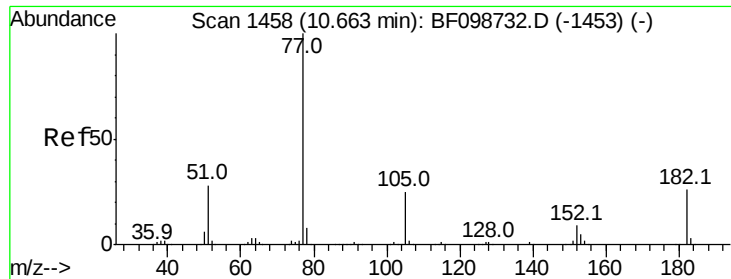
Tot Ion:204 Resp: 217289
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.5 39.7
 141 60.0 54.6 81.8



#61
 4-Nitroaniline
 Concen: 41.893 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:138 Resp: 143461
 Ion Ratio Lower Upper
 138 100
 92 46.6 30.2 70.2
 108 59.3 52.5 92.5

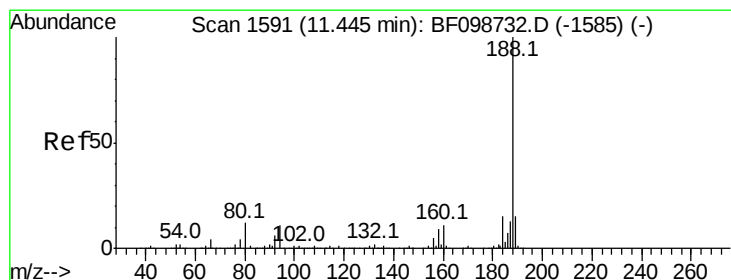
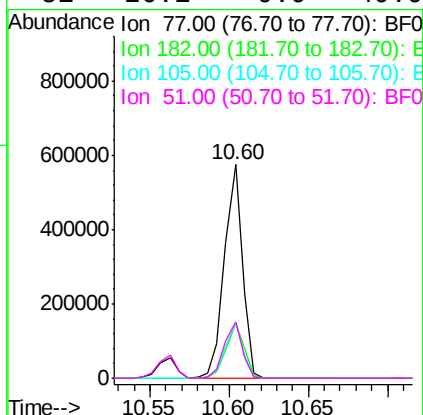
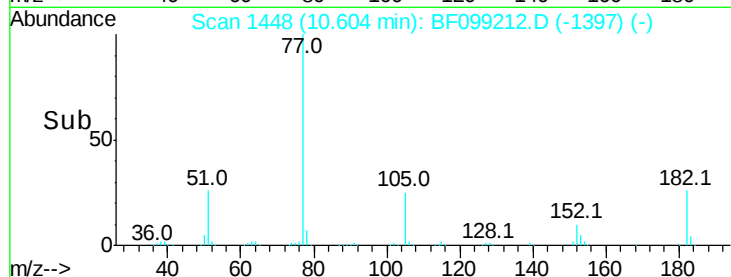
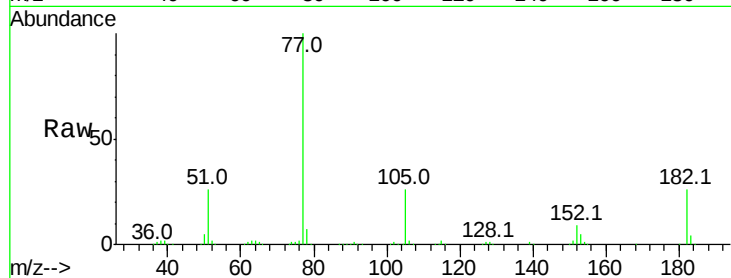




#62
Azobenzene
Concen: 36.339 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

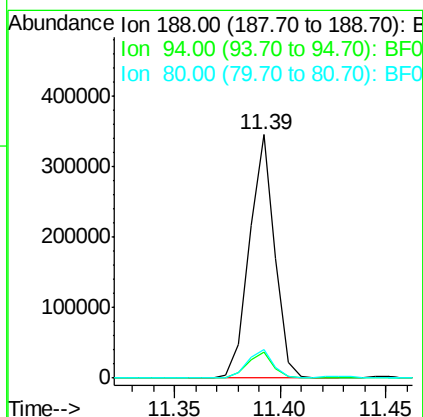
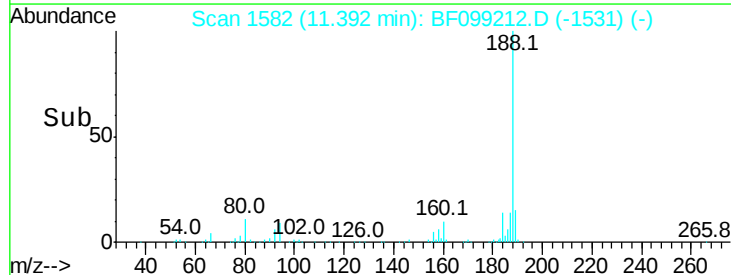
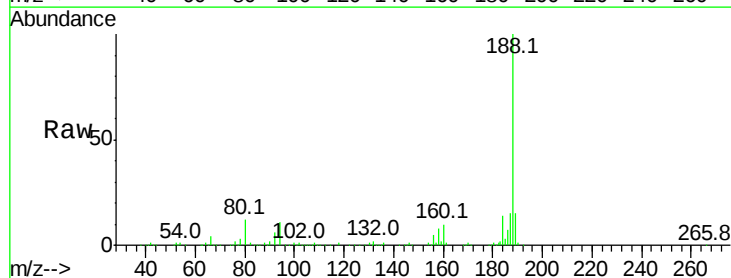
Instrument :
BNA_F
ClientSampleId :

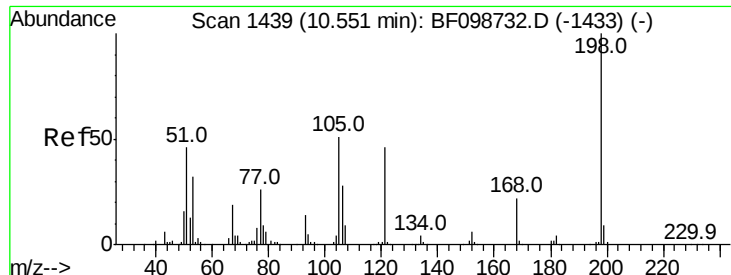
Tot Ion: 77 Resp: 456525
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 25.8 3.0 43.0
51 26.1 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:188 Resp: 285812
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.412 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

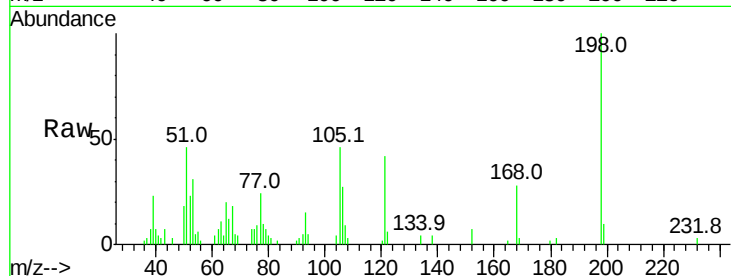
Tot Ion:198 Resp: 11151

Ion Ratio Lower Upper

198 100

51 45.9 37.7 77.7

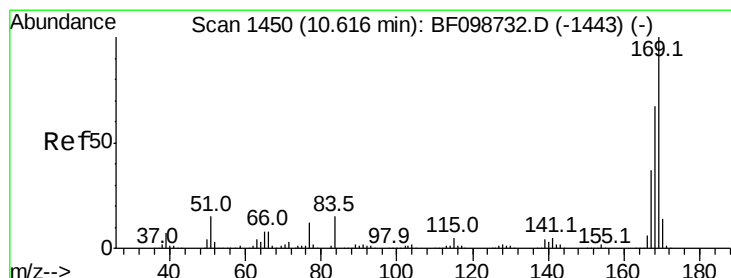
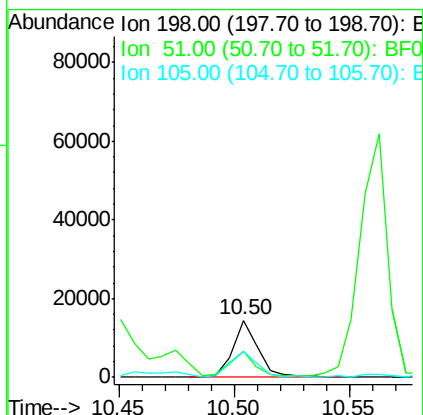
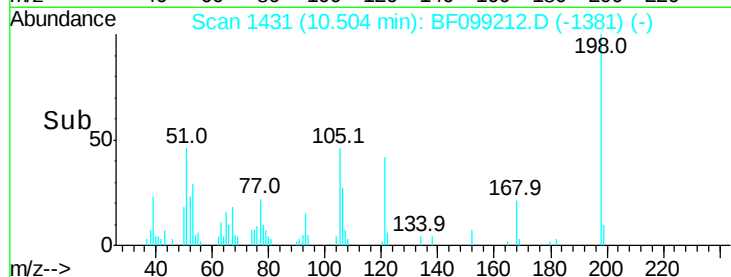
105 46.2 36.3 76.3



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: 42.048 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

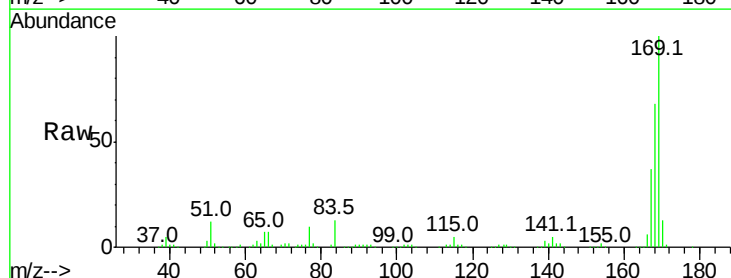
Tgt Ion:169 Resp: 416332

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

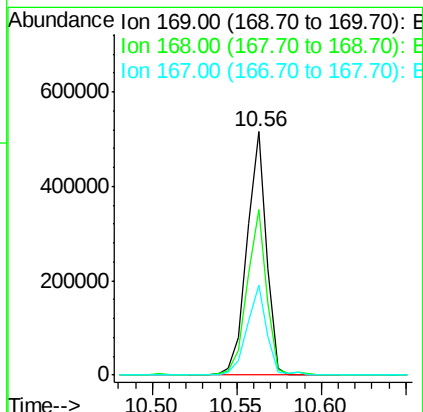
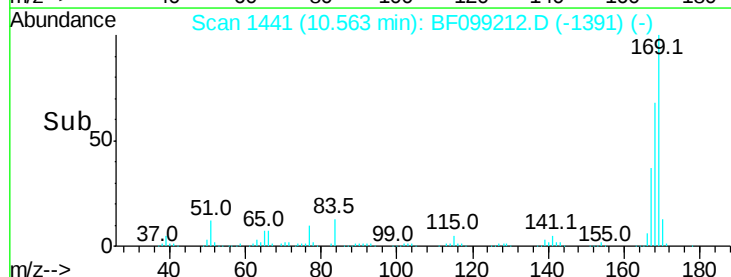
167 36.8 29.8 44.6

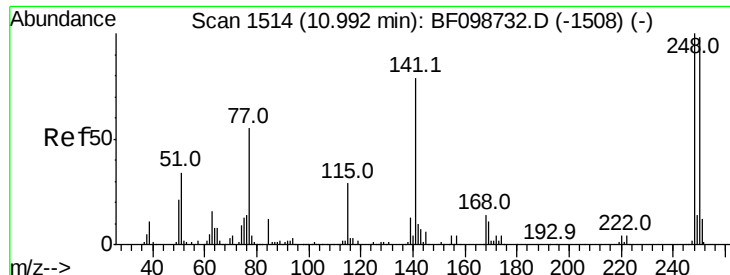


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

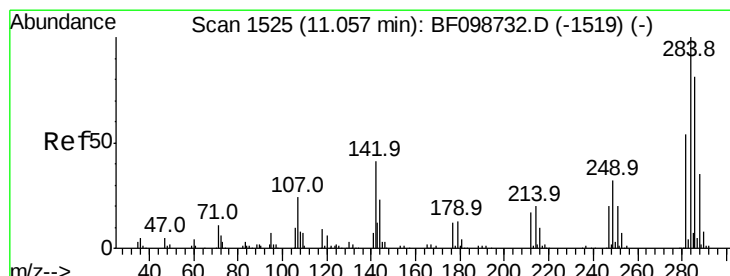
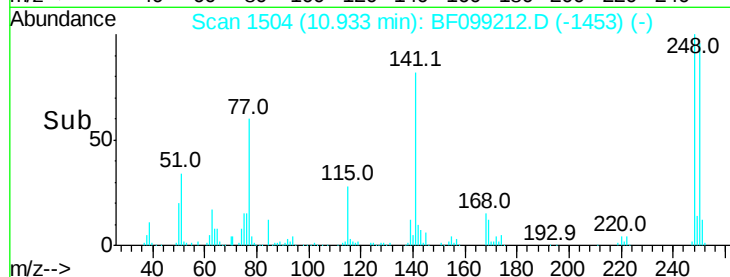
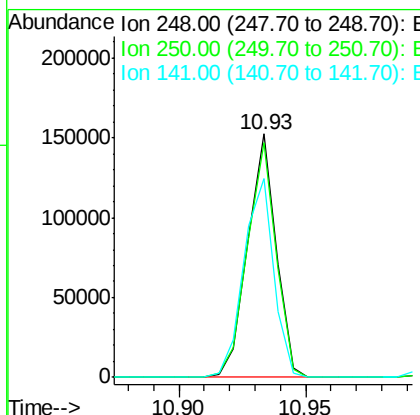
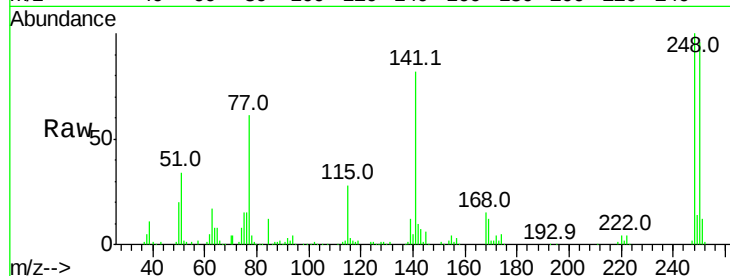




#66
4-Bromophenyl-phenylether
Concen: 42.529 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

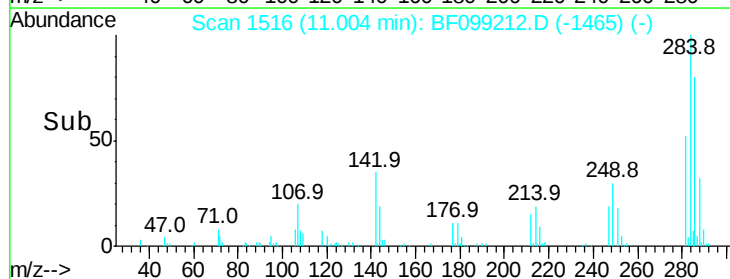
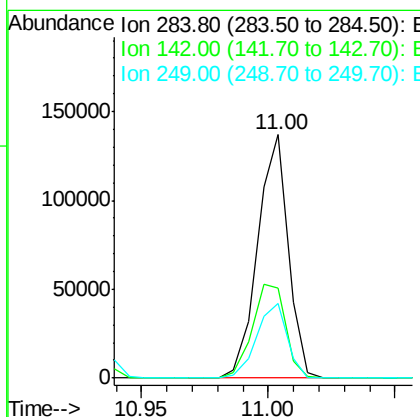
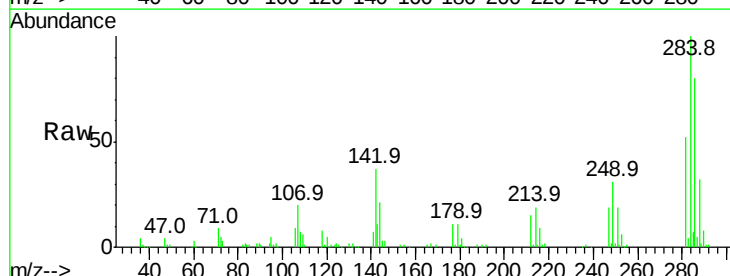
Instrument :
BNA_F
ClientSampleId :

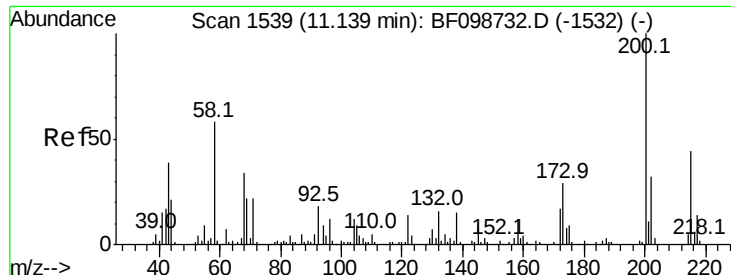
Tot Ion:248 Resp: 118980
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 81.9 74.4 111.6



#67
Hexachlorobenzene
Concen: 38.630 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:284 Resp: 115427
Ion Ratio Lower Upper
284 100
142 37.1 34.6 52.0
249 30.6 24.8 37.2

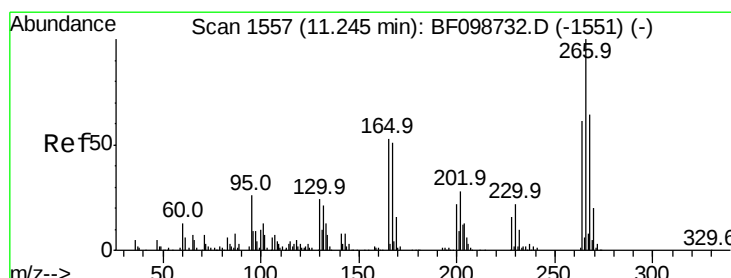
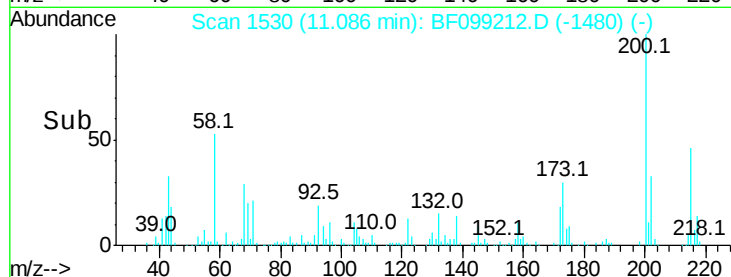
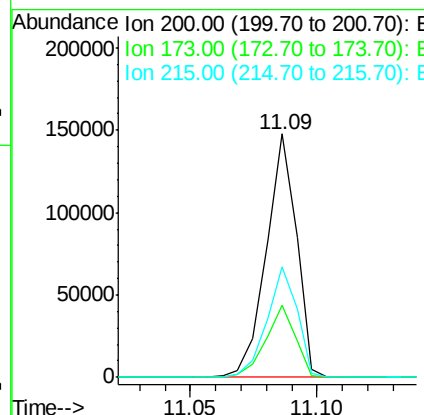
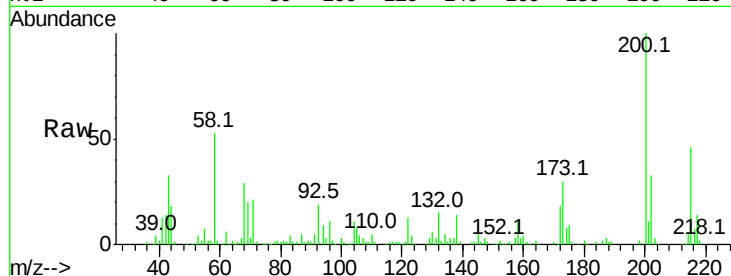




#68
Atrazine
Concen: 41.362 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

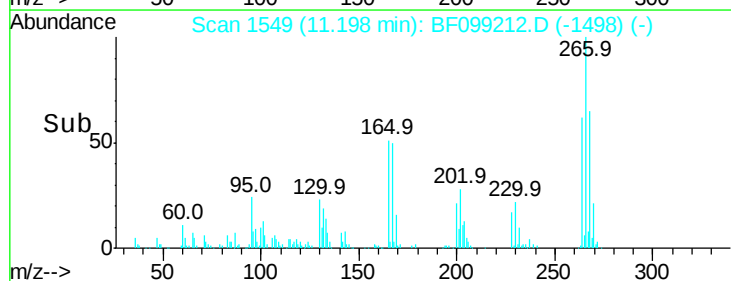
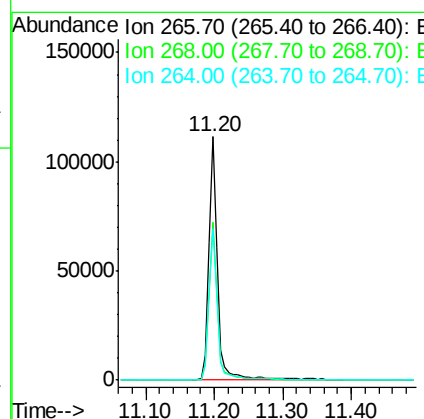
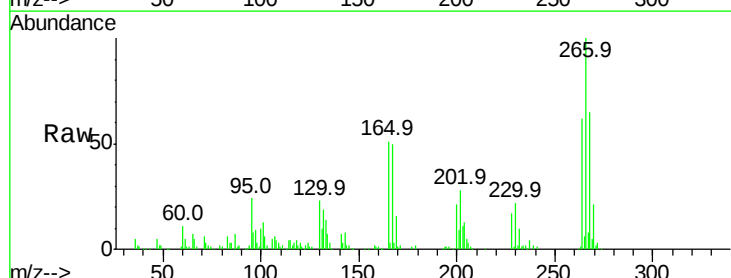
Instrument :
BNA_F
ClientSampleId :

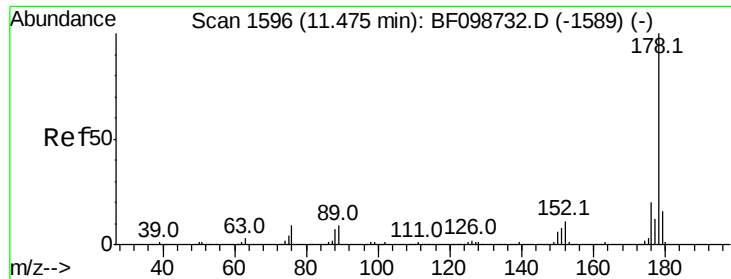
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.6	48.6
215	45.6	25.1	65.1



#69
Pentachlorophenol
Concen: 55.863 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.0	49.5	74.3

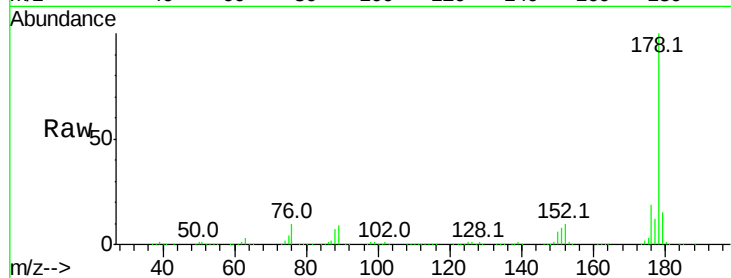




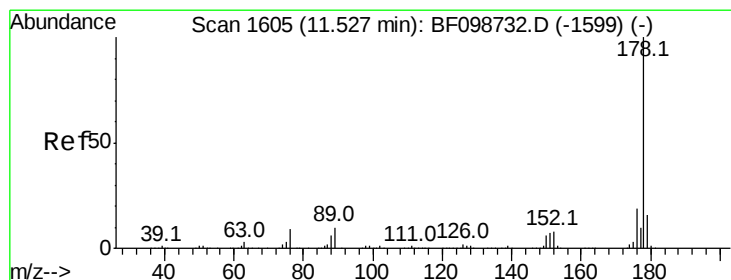
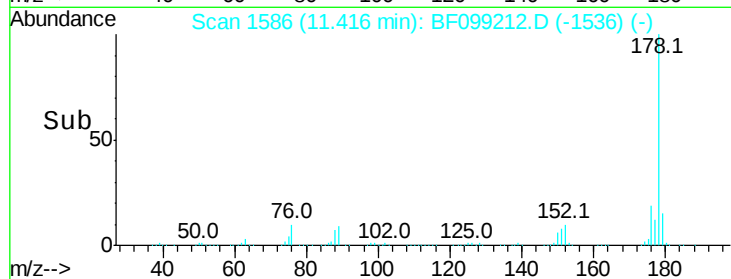
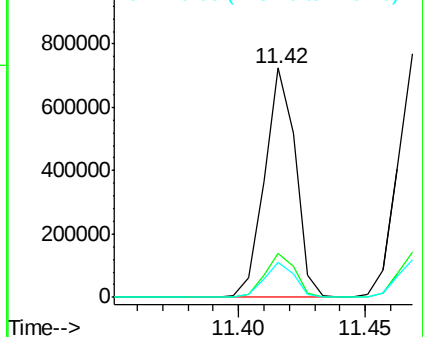
#70
Phenanthrene
Concen: 40.375 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 617691
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.3 13.0 19.6

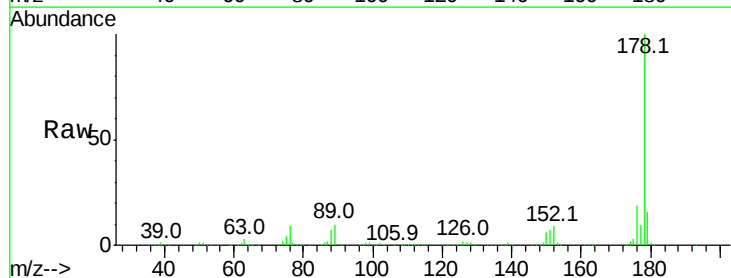


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

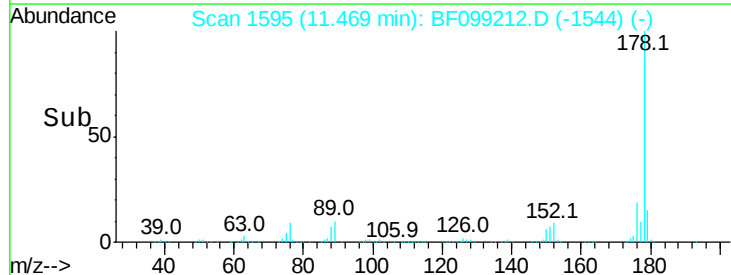
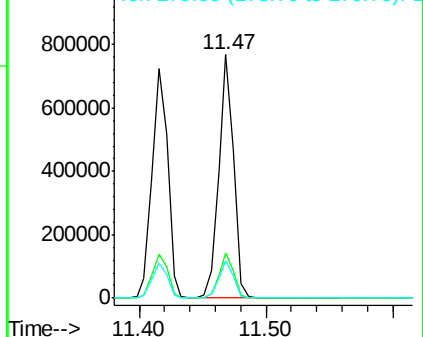


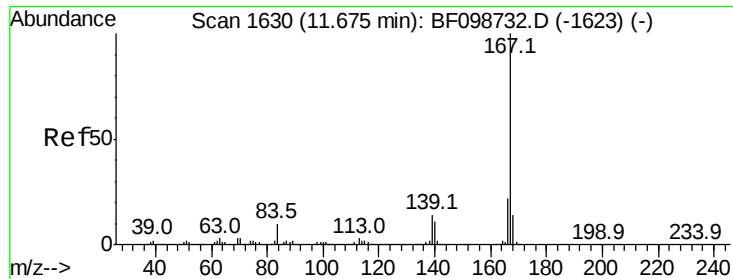
#71
Anthracene
Concen: 40.728 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:178 Resp: 637531
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0



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

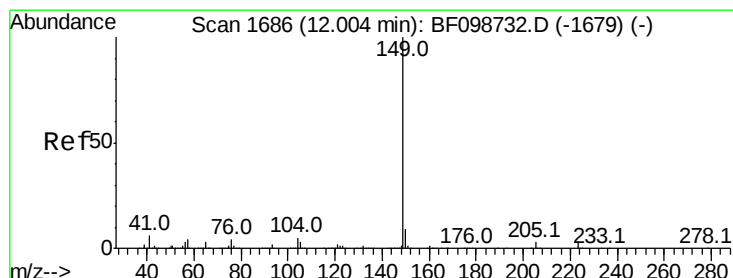
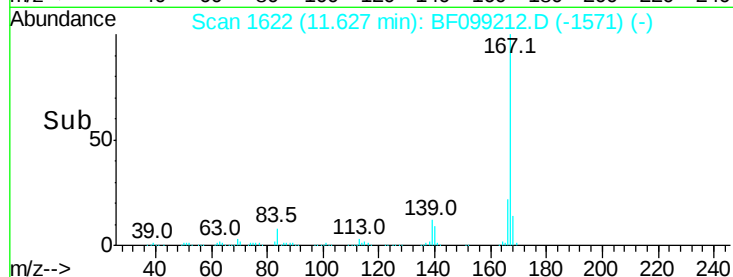
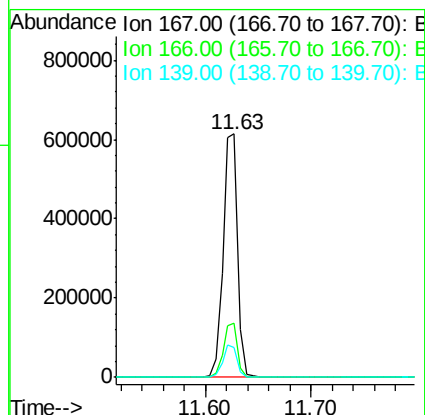
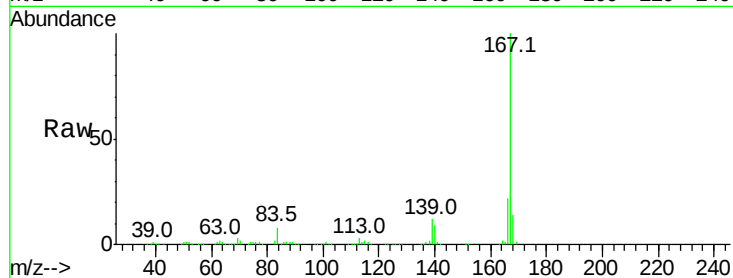




#72
 Carbazole
 Concen: 38.557 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

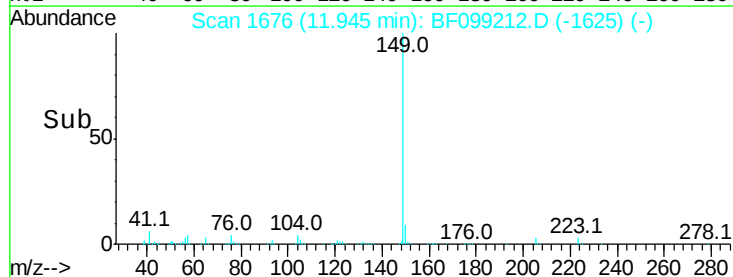
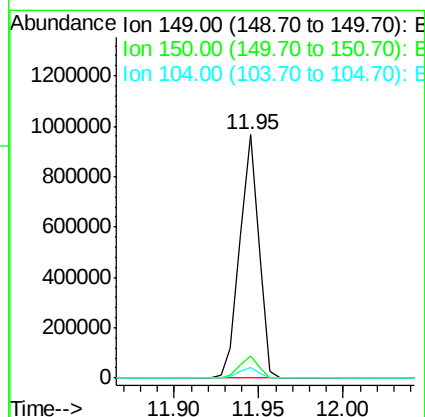
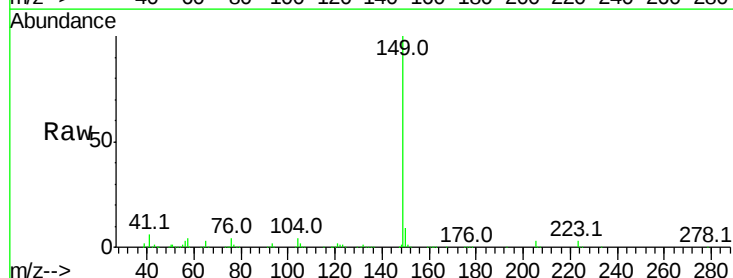
Instrument :
 BNA_F
 ClientSampleId :

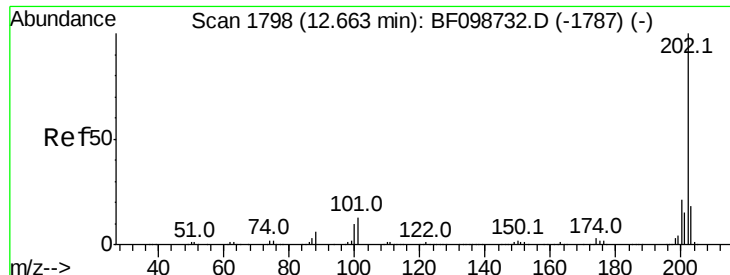
Tot Ion:167 Resp: 591042
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.2 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 40.971 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:149 Resp: 755951
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.3 3.8 5.8

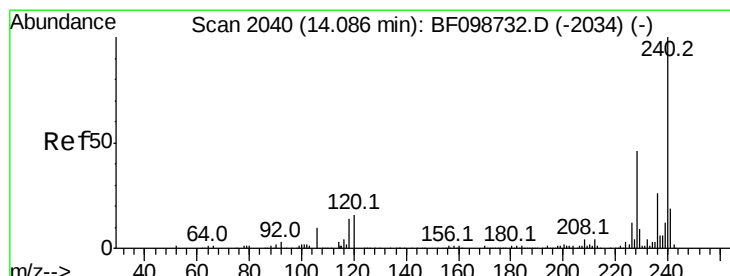
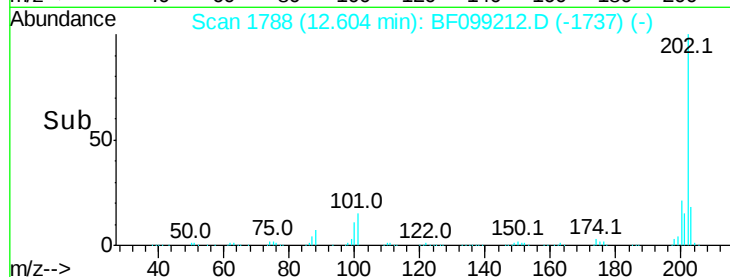
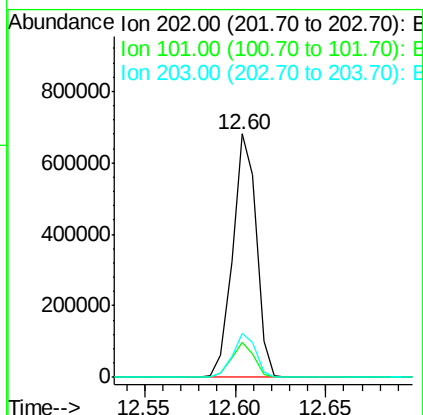
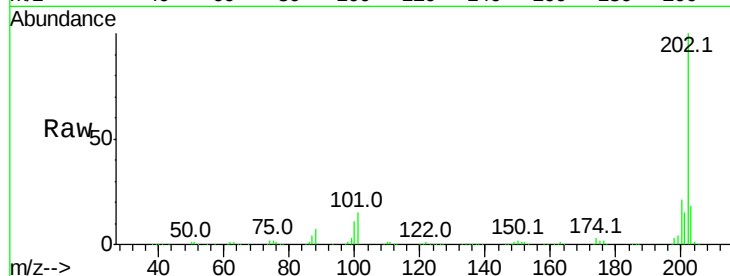




#74
 Fluoranthene
 Concen: 39.711 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

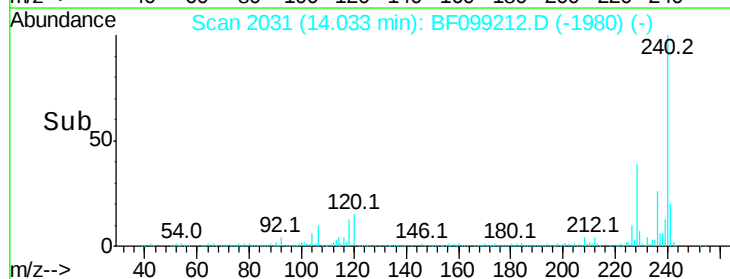
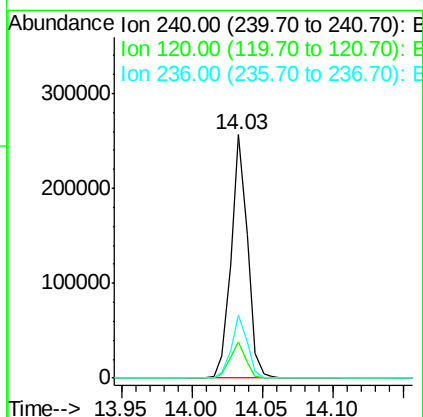
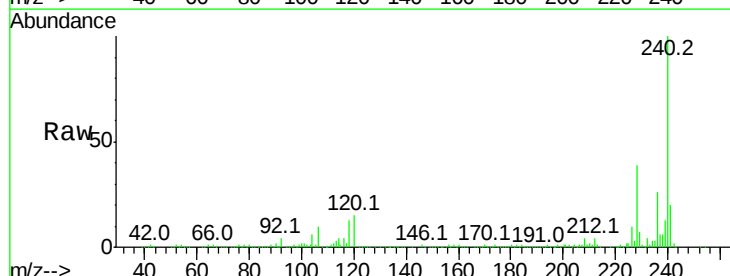
Instrument :
 BNA_F
 ClientSampleId :

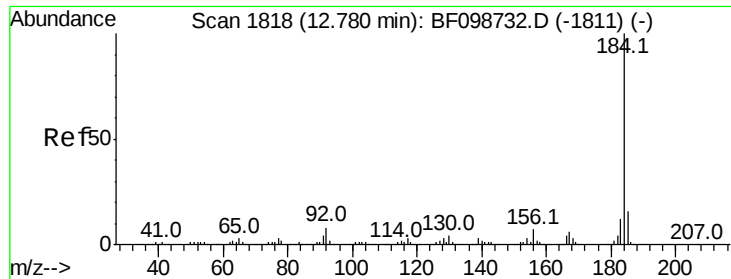
Tot Ion:202 Resp: 615191
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 34.1
 203 17.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:240 Resp: 208055
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 25.8 20.7 31.1





#76

Benzidine

Concen: 67.479 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

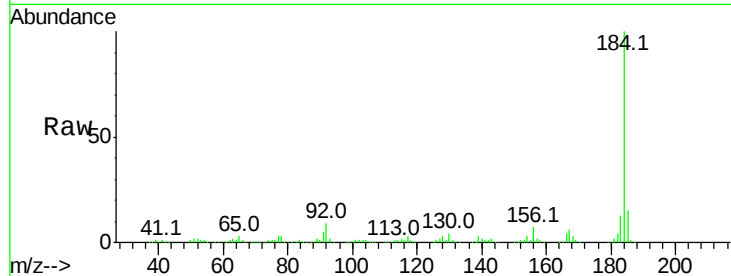
Tot Ion:184 Resp: 519268

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

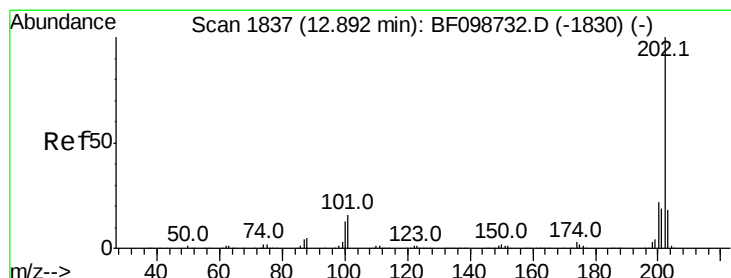
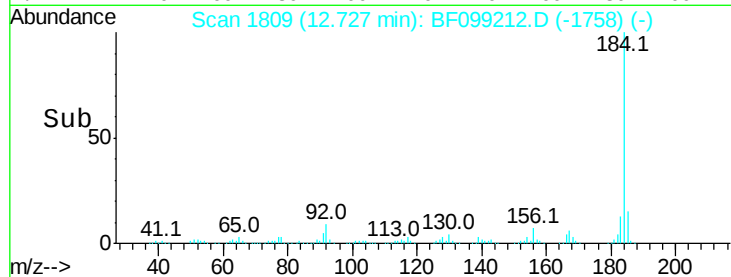
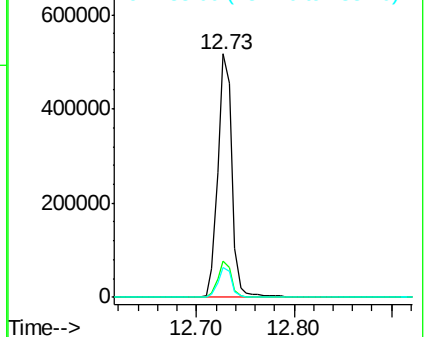
183 12.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.632 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

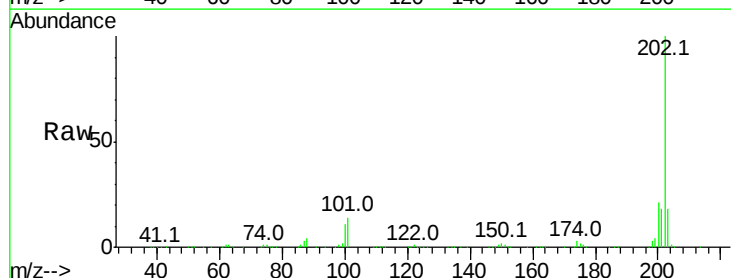
Tgt Ion:202 Resp: 628760

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

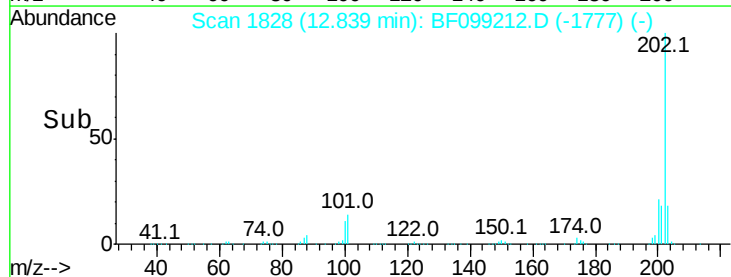
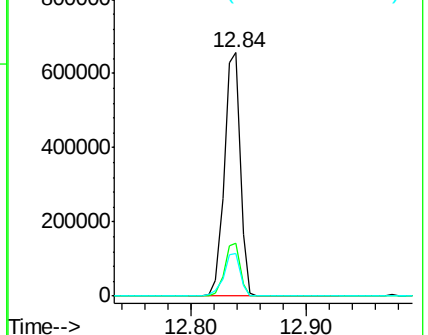
203 17.5 14.3 21.5

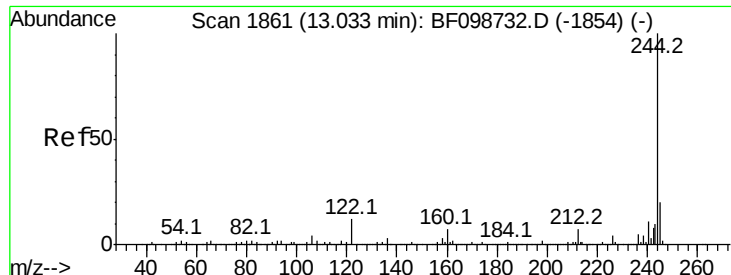


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.105 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampled :

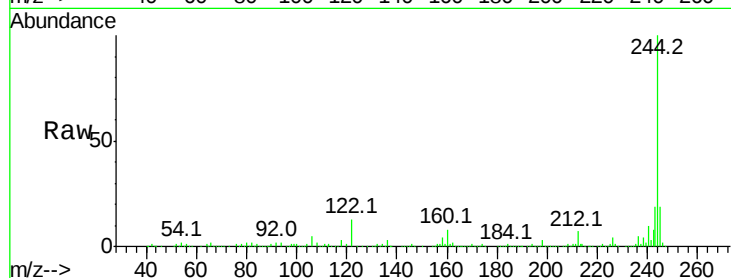
Tot Ion:244 Resp: 751140

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

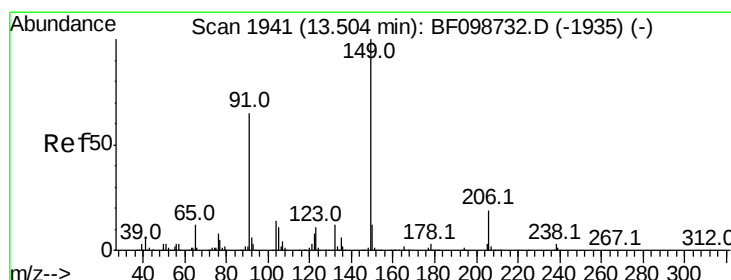
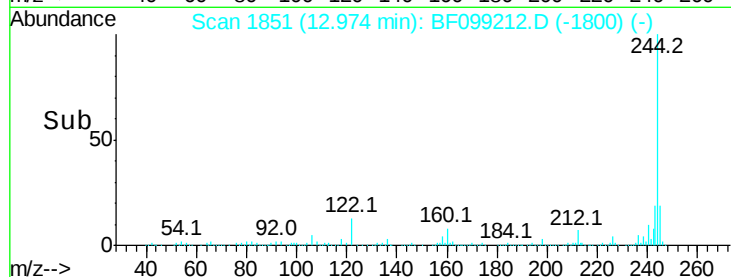
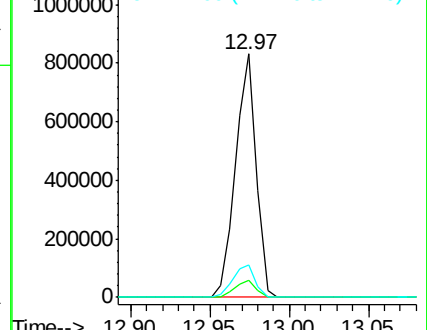
122 13.2 11.0 16.4



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: 40.843 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

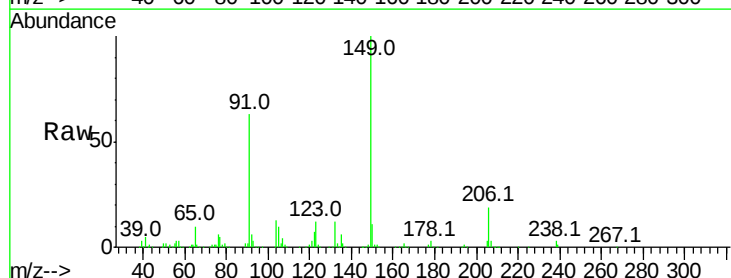
Tgt Ion:149 Resp: 304530

Ion Ratio Lower Upper

149 100

91 63.3 56.8 85.2

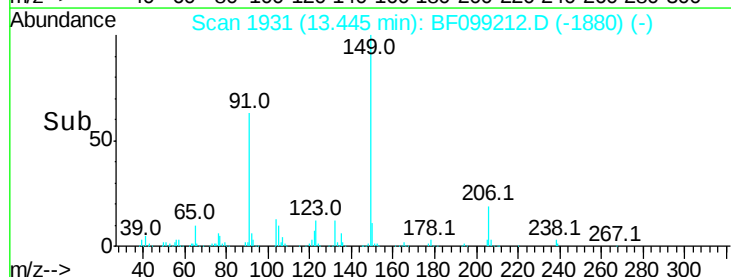
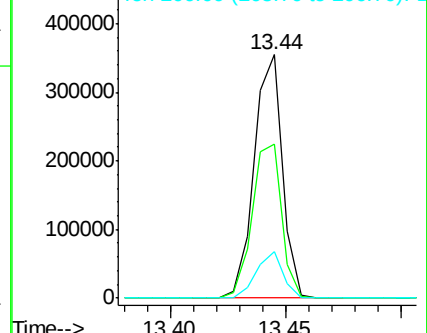
206 19.3 14.1 21.1

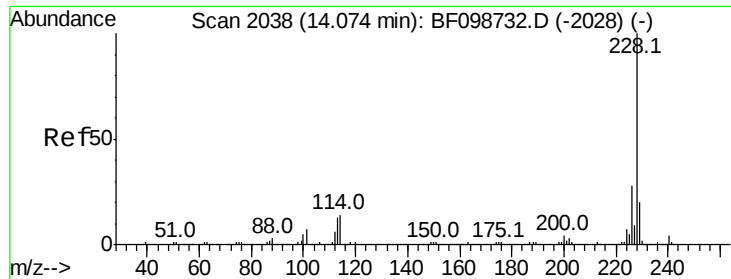


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.223 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

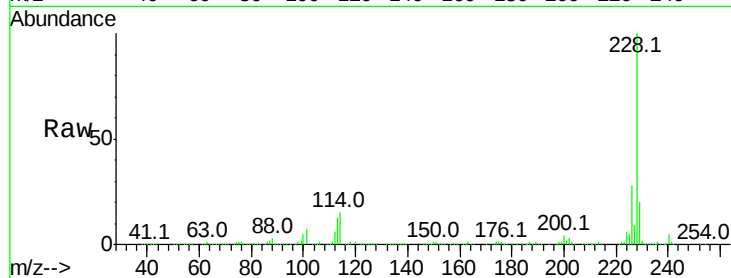
Tot Ion:228 Resp: 506741

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

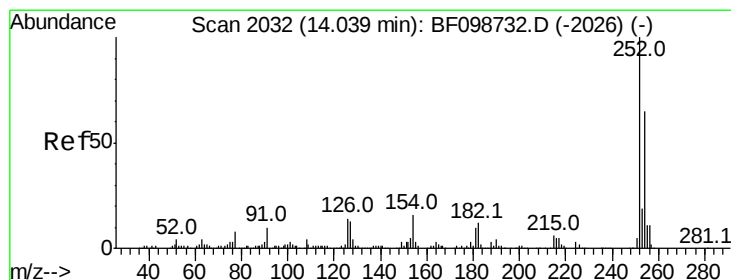
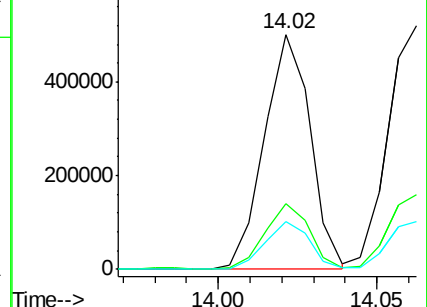
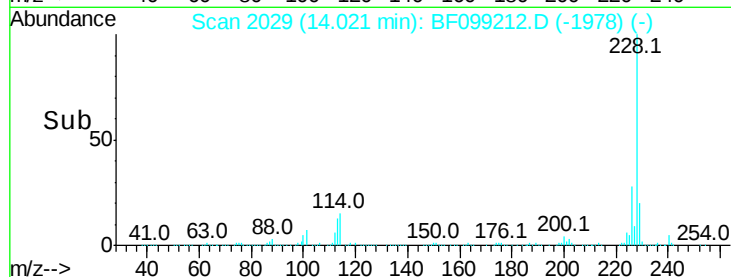
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.815 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

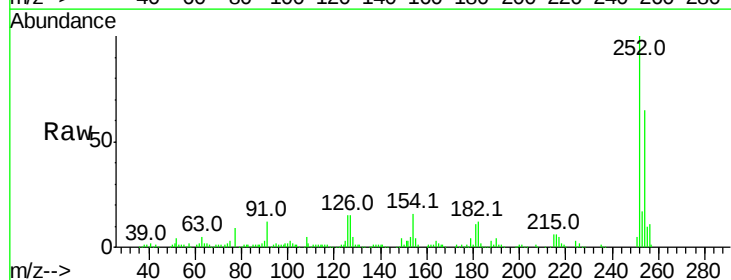
Tgt Ion:252 Resp: 193117

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

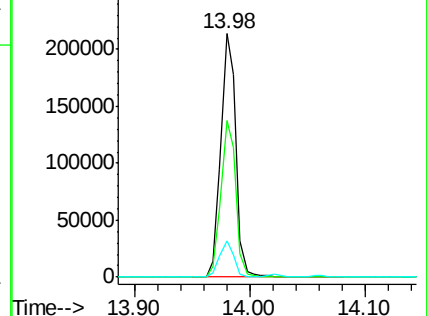
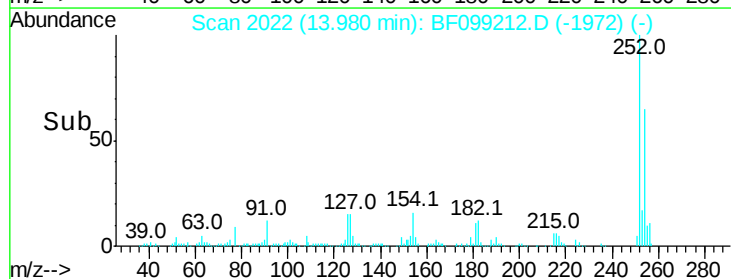
126 14.9 11.3 16.9

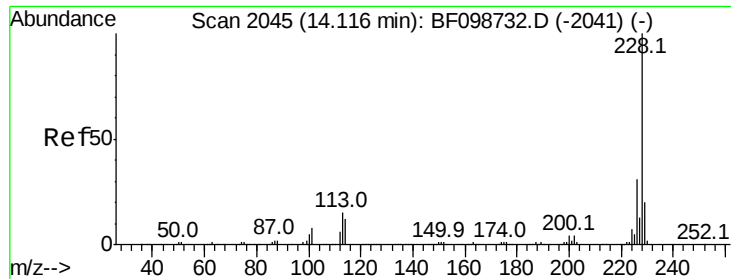


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

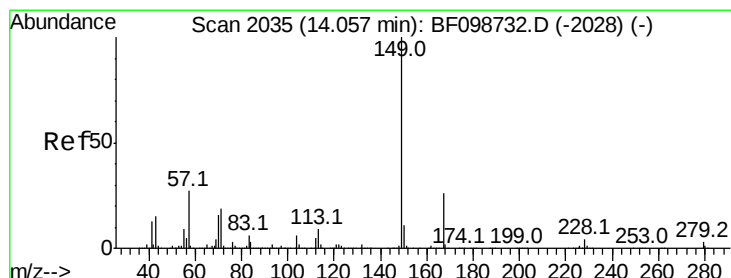
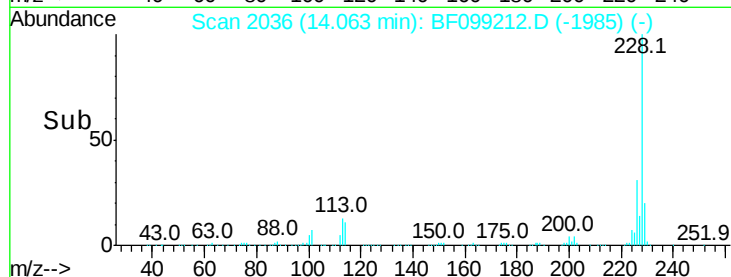
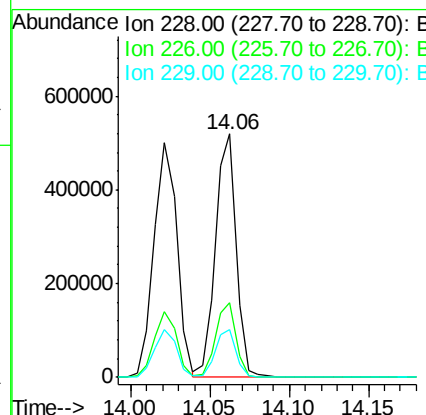
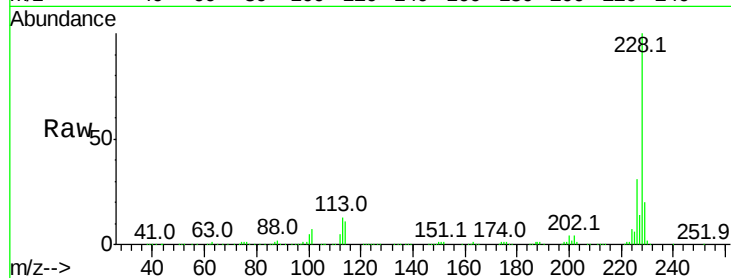




#82
 Chrysene
 Concen: 39.401 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

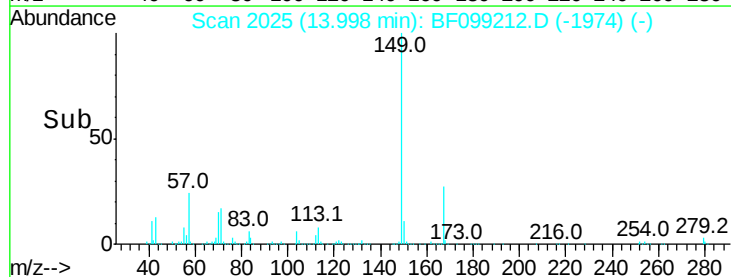
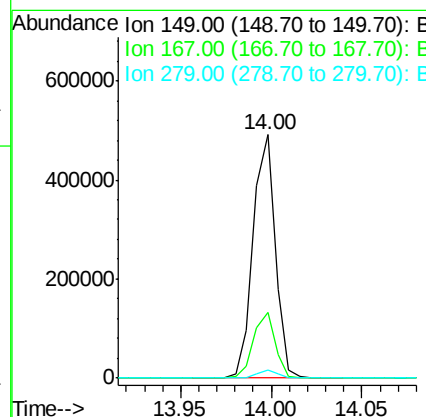
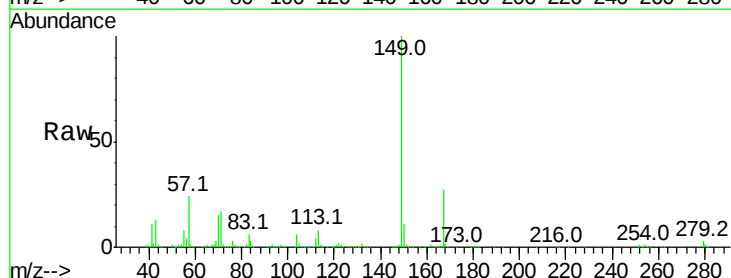
Instrument :
 BNA_F
 ClientSampleId :

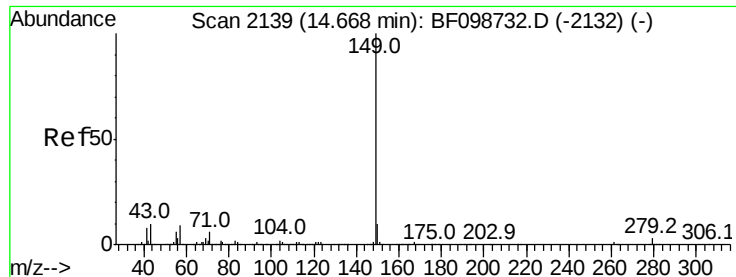
Tot Ion:228 Resp: 472581
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.6 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.864 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:149 Resp: 419542
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.2 3.0 4.4

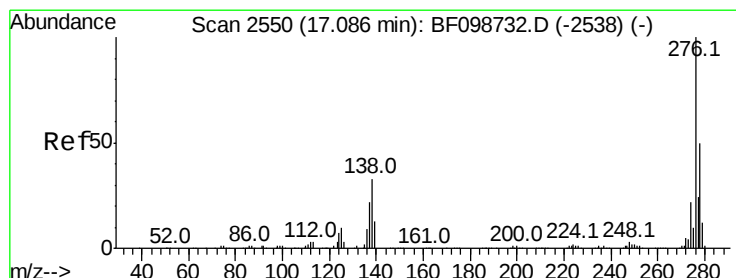
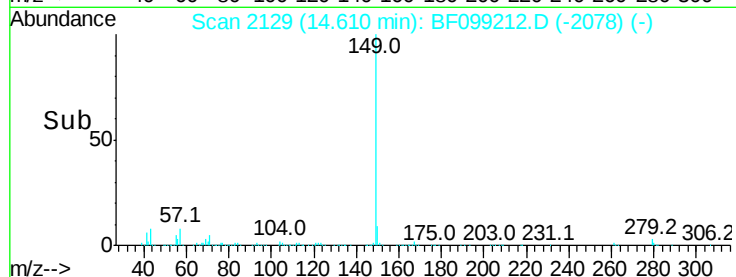
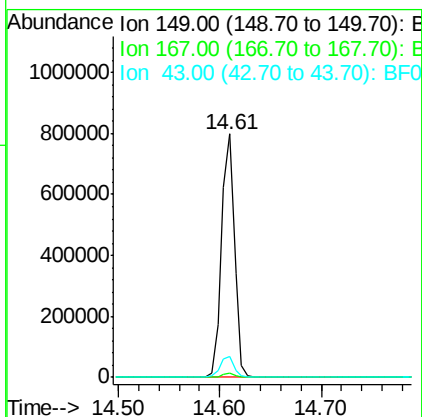
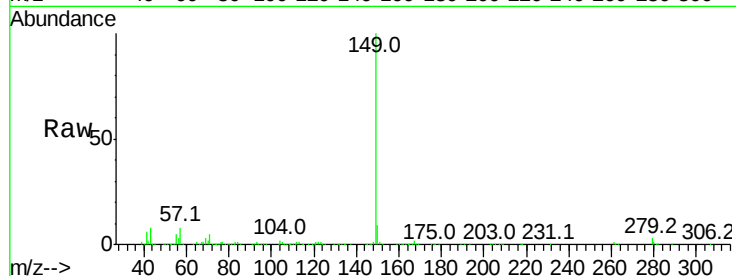




#84
 Di-n-octyl phthalate
 Concen: 42.744 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

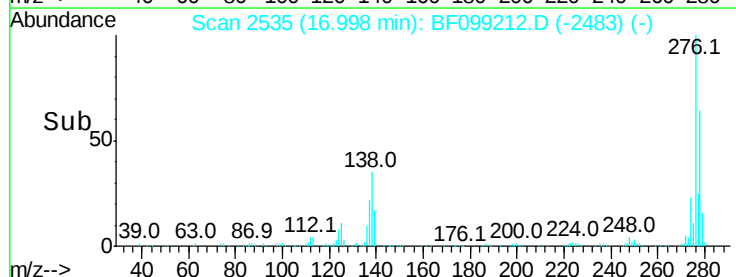
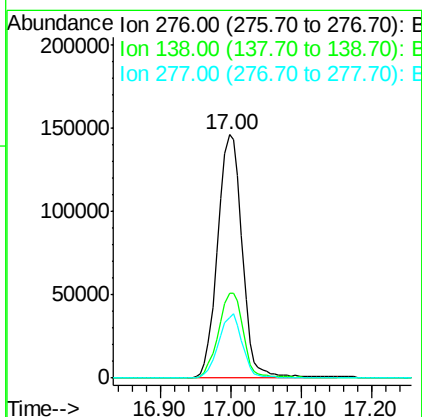
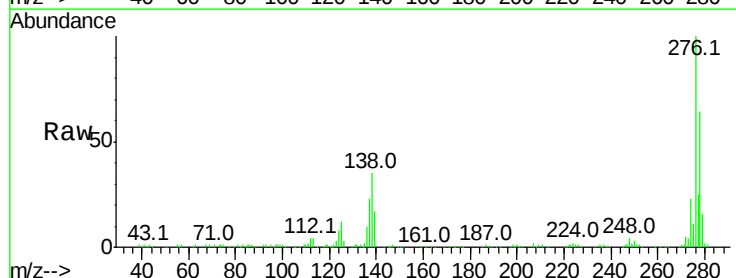
Instrument :
 BNA_F
 ClientSampleId :

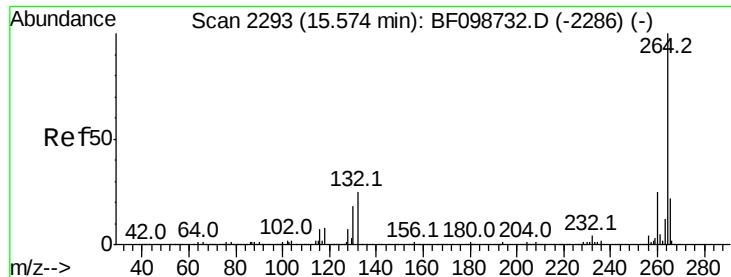
Tot Ion:149 Resp: 706634
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.5 8.4 12.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.982 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.01 min
 Lab File: BF099212.D
 Acq: 8 Oct 2017 1:02

Tgt Ion:276 Resp: 354829
 Ion Ratio Lower Upper
 276 100
 138 35.7 25.0 37.6
 277 25.3 20.1 30.1

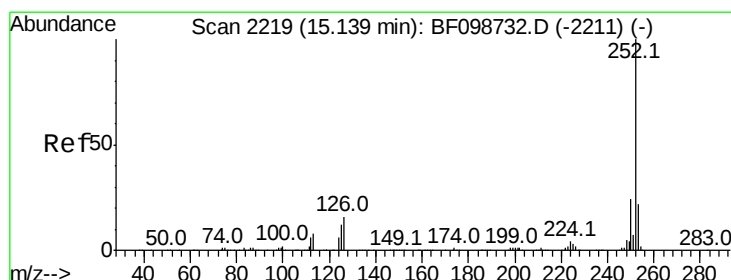
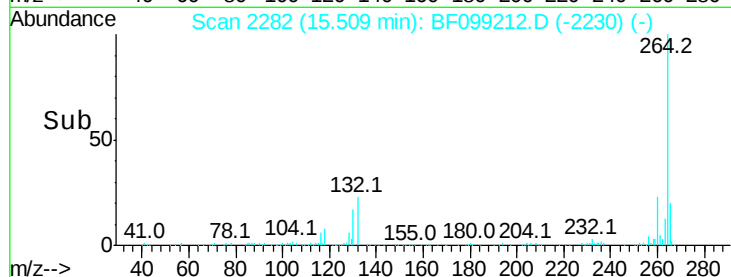
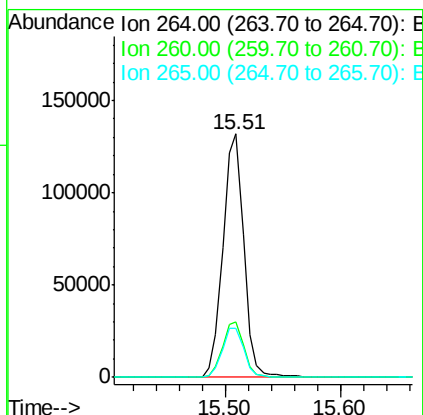
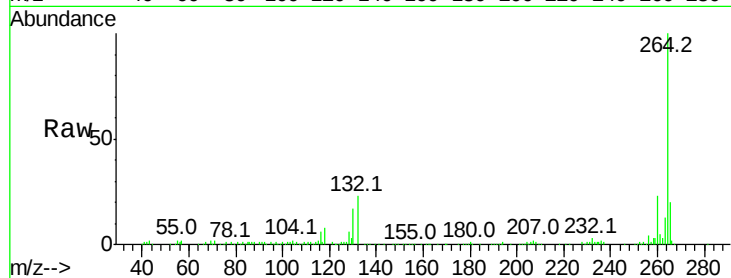




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

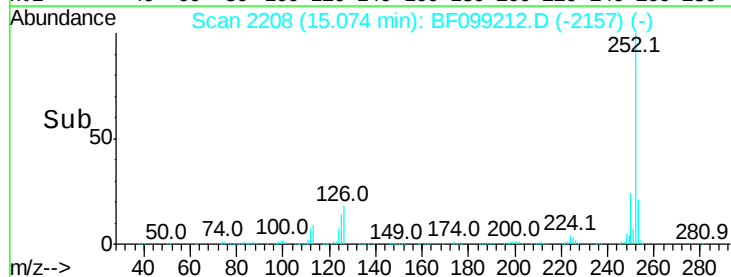
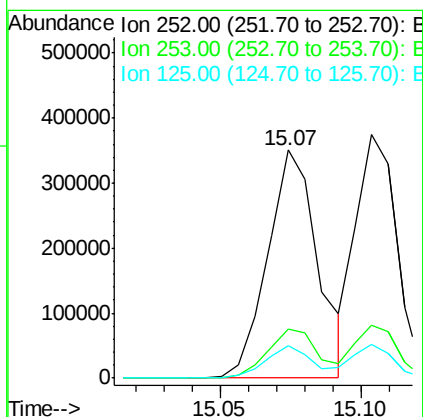
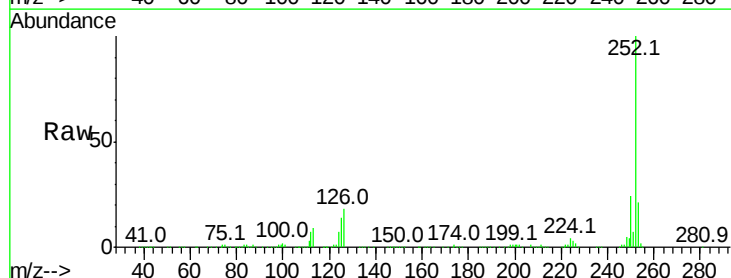
Instrument :
BNA_F
ClientSampleId :

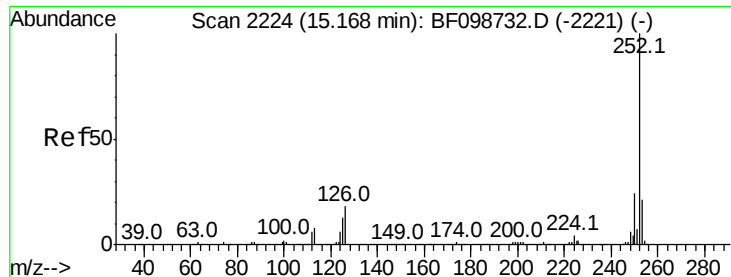
Tot Ion:264 Resp: 165705
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 42.484 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099212.D
Acq: 8 Oct 2017 1:02

Tgt Ion:252 Resp: 432839
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 14.3 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 38.203 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

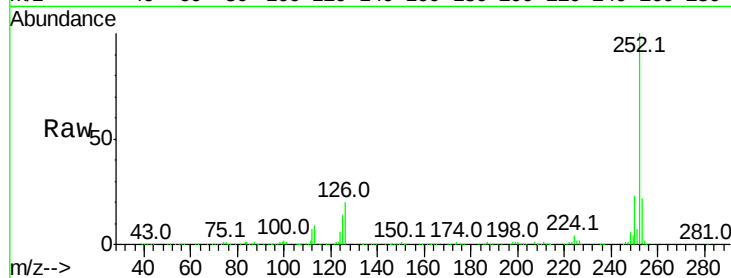
Tot Ion:252 Resp: 384438

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

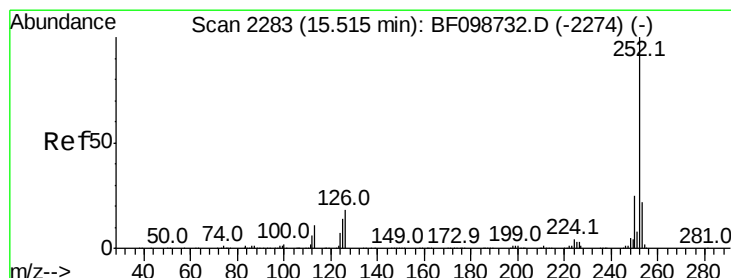
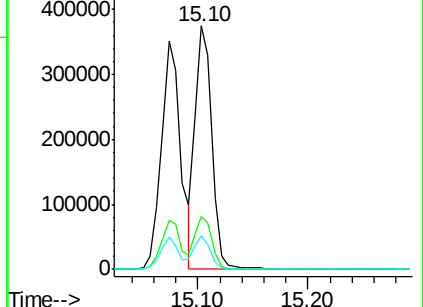
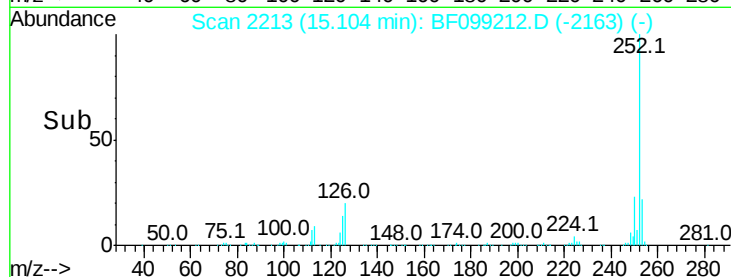
125 14.0 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 40.330 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

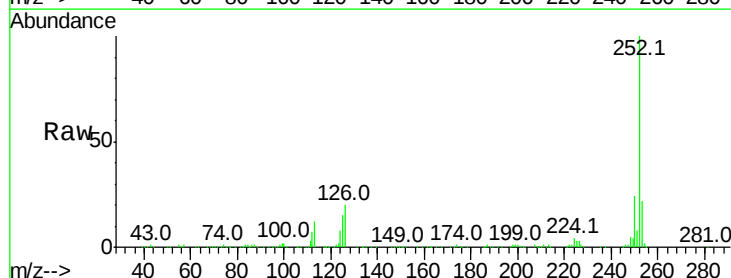
Tgt Ion:252 Resp: 377168

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

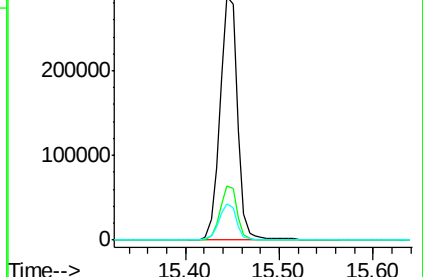
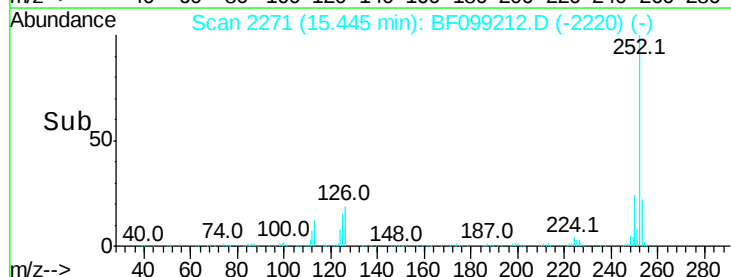
125 15.0 9.8 14.6#

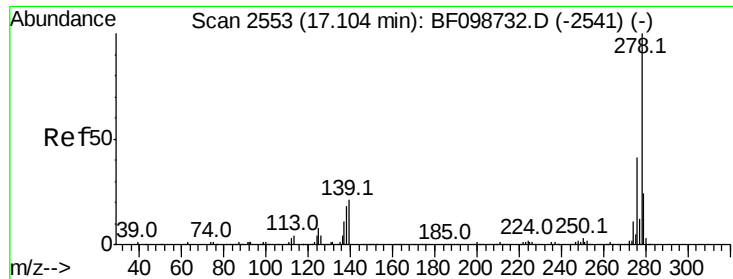


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 39.981 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

Instrument :

BNA_F

ClientSampleId :

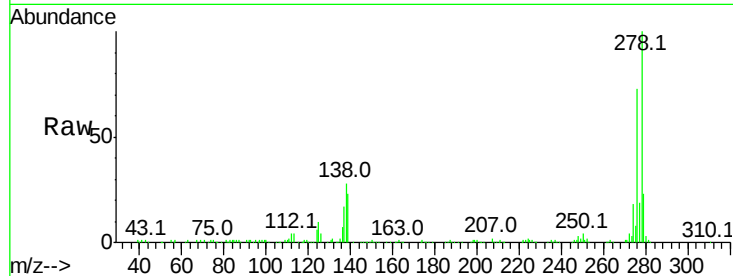
Tot Ion:278 Resp: 299232

Ion Ratio Lower Upper

278 100

139 22.7 15.9 23.9

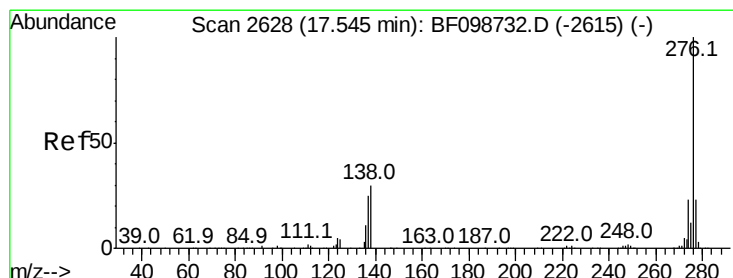
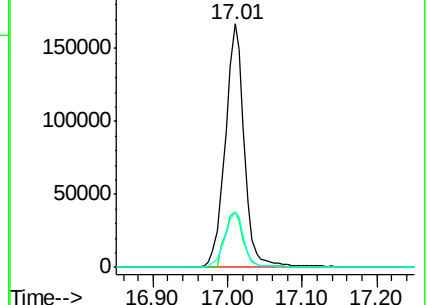
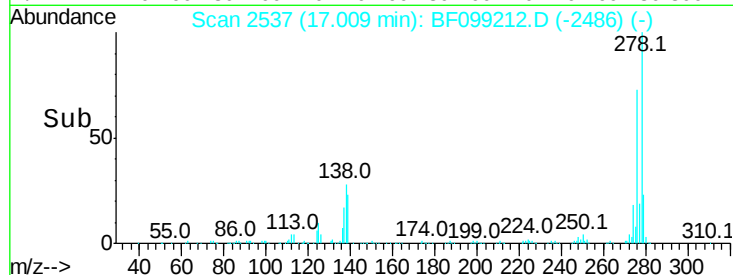
279 22.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.576 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099212.D

Acq: 8 Oct 2017 1:02

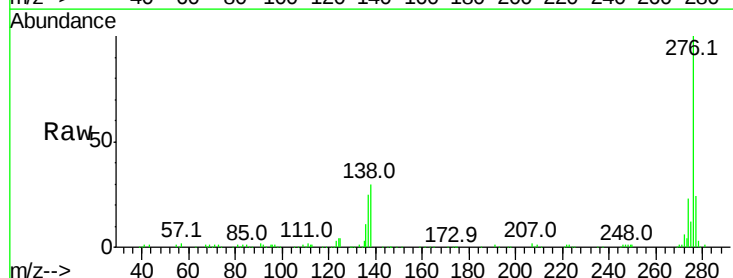
Tgt Ion:276 Resp: 285391

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

