

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098072.D
 Acq On : 28 Aug 2017 18:04
 Operator : SJ/JU
 Sample : PB101862BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Quant Time: Aug 29 07:47:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107637	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	422923	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	184894	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	355345	20.00	ng	0.00
75) Chrysene-d12	13.90	240	280253	20.00	ng	0.00
86) Perylene-d12	15.32	264	229430	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	923912	130.56	ng	0.01
7) Phenol-d6	6.39	99	1252143	130.23	ng	0.00
23) Nitrobenzene-d5	7.31	82	766153	98.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	229446	143.02	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1142300	90.77	ng	0.00
78) Terphenyl-d14	12.85	244	987945	73.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	141023	35.734	ng	90
3) Pyridine	3.19	79	418994	38.405	ng	87
4) n-Nitrosodimethylamine	3.15	42	165470	39.417	ng	# 75
6) Aniline	6.41	93	367573	27.214	ng	99
8) 2-Chlorophenol	6.53	128	321587	43.092	ng	100
9) Benzaldehyde	6.29	77	161231	26.475	ng	93
10) Phenol	6.40	94	459696	40.880	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	348348	41.043	ng	94
12) 1,3-Dichlorobenzene	6.69	146	318541	39.682	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	320909	39.307	ng	94
14) 1,2-Dichlorobenzene	6.92	146	298578	39.663	ng	99
15) Benzyl Alcohol	6.89	79	315564	43.838	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	448818	39.303	ng	91
17) 2-Methylphenol	7.00	107	289012	43.946	ng	96
18) Hexachloroethane	7.25	117	127363	39.790	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	253462	38.509	ng	89
20) 3+4-Methylphenols	7.16	107	346575	43.146	ng	92
22) Acetophenone	7.16	105	458492	41.037	ng	# 90
24) Nitrobenzene	7.33	77	401077	46.270	ng	93
25) Isophorone	7.57	82	697111	43.063	ng	96
26) 2-Nitrophenol	7.65	139	162719	51.396	ng	# 81
27) 2,4-Dimethylphenol	7.69	122	291332	43.152	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	435366	40.908	ng	99
29) 2,4-Dichlorophenol	7.89	162	251948	44.957	ng	91
30) 1,2,4-Trichlorobenzene	7.97	180	251782	40.527	ng	99
31) Naphthalene	8.05	128	904863	41.212	ng	99
32) Benzoic acid	7.83	122	187716	39.474	ng	88
33) 4-Chloroaniline	8.10	127	206259	22.275	ng	99
34) Hexachlorobutadiene	8.16	225	142670	39.332	ng	97
35) Caprolactam	8.48	113	62676	32.897	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	303980	42.217	ng	# 81
37) 2-Methylnaphthalene	8.74	142	585138	43.469	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	229705	40.481	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	263392	96.622	ng	99

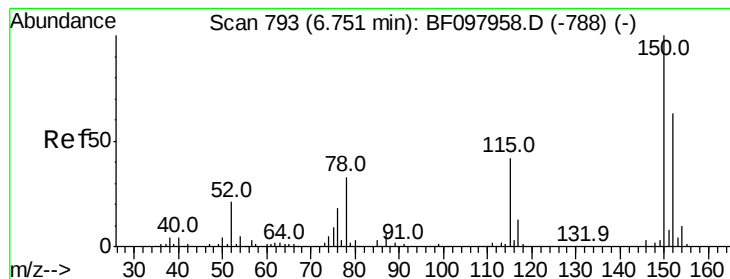
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	169051	44.375	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	174086	46.062	nq	95
45) 1,1'-Biphenyl	9.20	154	677218	40.166	nq	97
46) 2-Chloronaphthalene	9.23	162	505917	40.610	nq	# 91
47) 2-Nitroaniline	9.33	65	203826	48.804	nq	96
48) Acenaphthylene	9.65	152	832282	42.543	nq	99
49) Dimethylphthalate	9.51	163	589596	43.625	nq	99
50) 2,6-Dinitrotoluene	9.57	165	130009	48.191	nq	# 56
51) Acenaphthene	9.82	154	489518	39.675	nq	99
52) 3-Nitroaniline	9.73	138	103949	29.865	nq	82
53) 2,4-Dinitrophenol	9.85	184	123353	94.079	nq	# 77
54) Dibenzofuran	9.99	168	733227	44.341	nq	99
55) 4-Nitrophenol	9.91	139	240311	86.550	nq	# 40
56) 2,4-Dinitrotoluene	9.97	165	169162	49.965	nq	# 51
57) Fluorene	10.33	166	553351	43.282	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	143439	49.020	nq	94
59) Diethylphthalate	10.21	149	601226	42.539	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	252000	42.428	nq	88
61) 4-Nitroaniline	10.35	138	150916	45.620	nq	# 71
62) Azobenzene	10.48	77	729797	43.471	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	82421	49.010	nq	# 77
65) n-Nitrosodiphenylamine	10.45	169	502213	41.503	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	155734	42.204	nq	98
67) Hexachlorobenzene	10.87	284	151768	40.352	nq	# 82
68) Atrazine	10.97	200	147374	45.924	nq	98
69) Pentachlorophenol	11.07	266	165747	75.582	nq	99
70) Phenanthrene	11.29	178	807562	42.648	nq	99
71) Anthracene	11.34	178	835974	43.528	nq	100
72) Carbazole	11.50	167	792358	43.464	nq	99
73) Di-n-butylphthalate	11.83	149	925884	44.093	nq	99
74) Fluoranthene	12.47	202	876232	44.335	nq	98
76) Benzidine	12.60	184	256529	27.917	nq	# 90
77) Pyrene	12.70	202	898895	39.216	nq	99
79) Butylbenzylphthalate	13.32	149	396742	45.145	nq	# 70
80) Benzo(a)anthracene	13.89	228	689557	41.053	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	185353	32.702	nq	# 96
82) Chrysene	13.93	228	667844	39.969	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	457749	47.005	nq	98
84) Di-n-octyl phthalate	14.49	149	806561	47.601	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	605129	49.231	nq	94
87) Benzo(b)fluoranthene	14.92	252	611075	42.255	nq	97
88) Benzo(k)fluoranthene	14.94	252	583033	42.912	nq	# 94
89) Benzo(a)pyrene	15.26	252	576066	44.996	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	488930	46.910	nq	99
91) Benzo(g,h,i)perylene	17.13	276	520698	47.879	nq	93

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

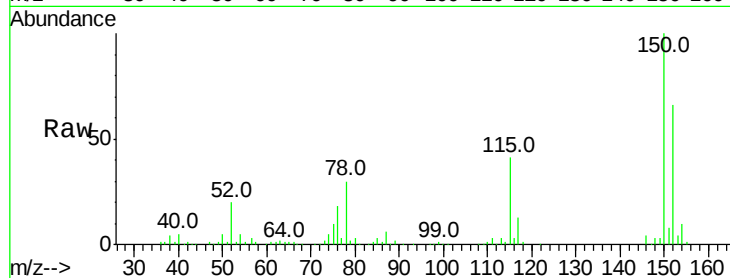


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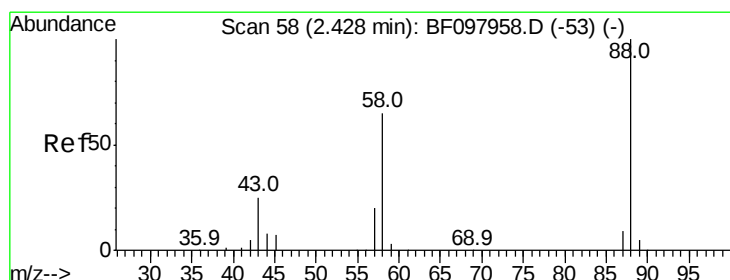
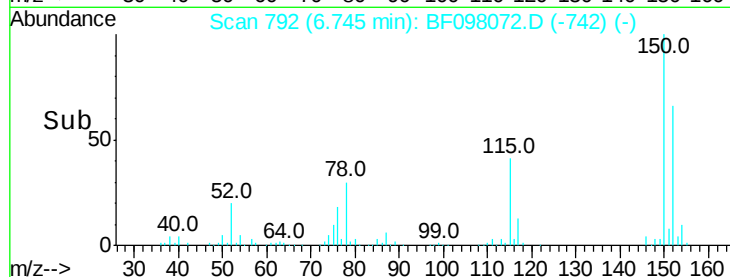
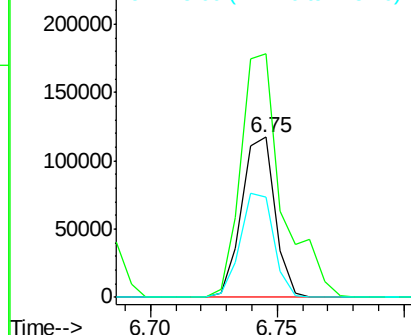
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion:152 Resp: 107637
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 62.6 52.2 78.2



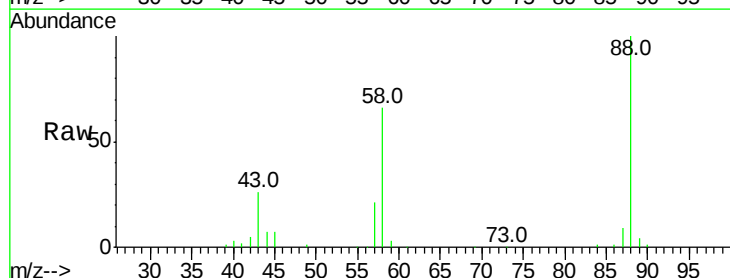
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



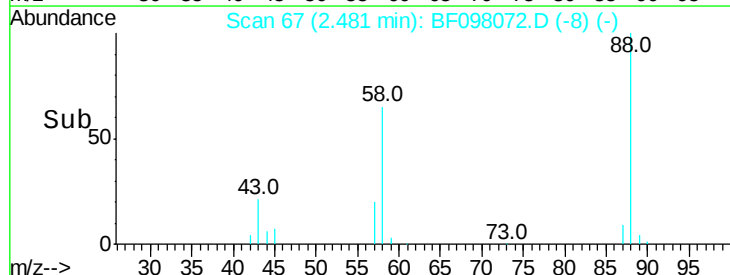
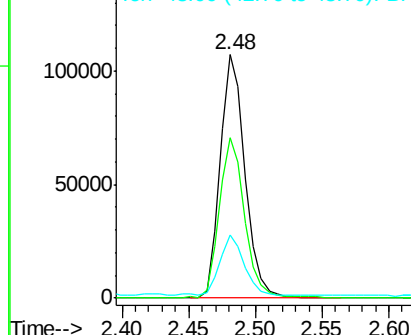
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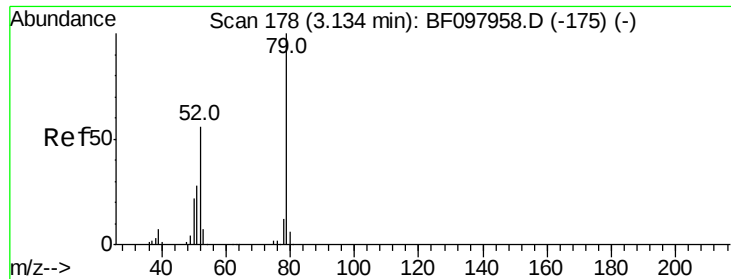
1,4-Dioxane
Concen: 35.734 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion: 88 Resp: 141023
Ion Ratio Lower Upper
88 100
58 67.7 61.4 92.0
43 23.8 23.4 35.0



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





#3

Pvridine

Concen: 38.405 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.06 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

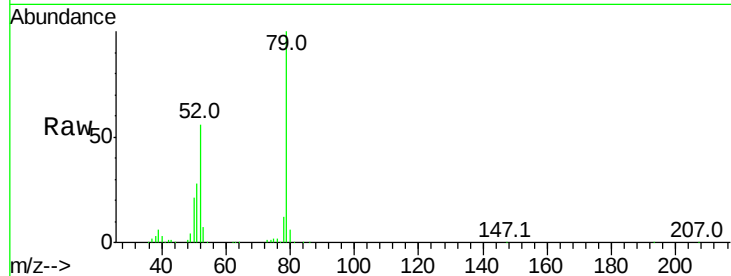
Tot Ion: 79 Resp: 418994

Ion Ratio Lower Upper

79 100

52 55.9 54.8 82.2

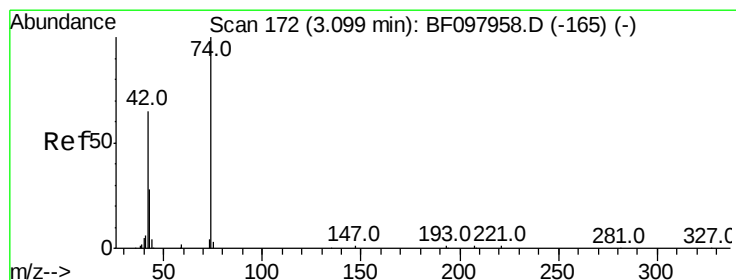
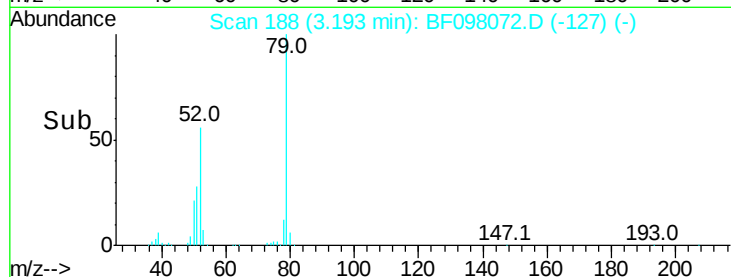
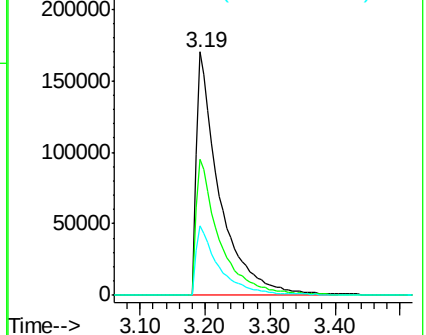
51 28.4 27.0 40.4



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: 39.417 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.04 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

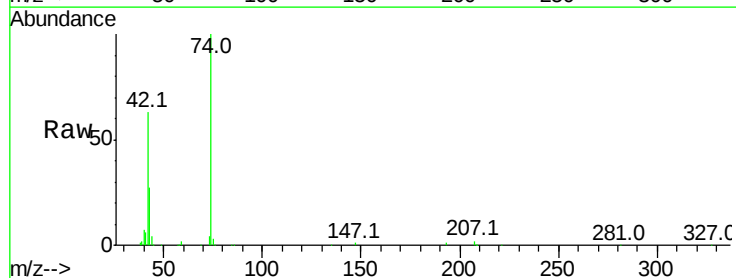
Tgt Ion: 42 Resp: 165470

Ion Ratio Lower Upper

42 100

74 159.9 103.9 155.9#

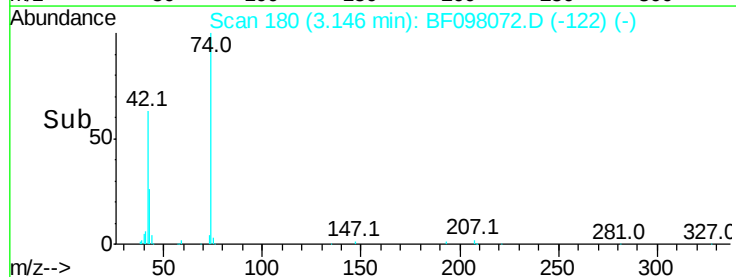
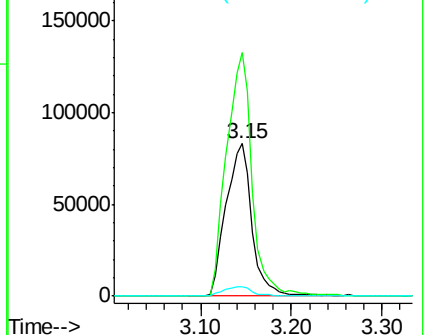
44 6.0 5.7 8.5

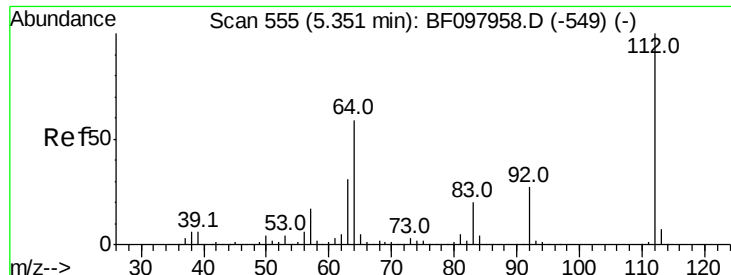


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.563 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

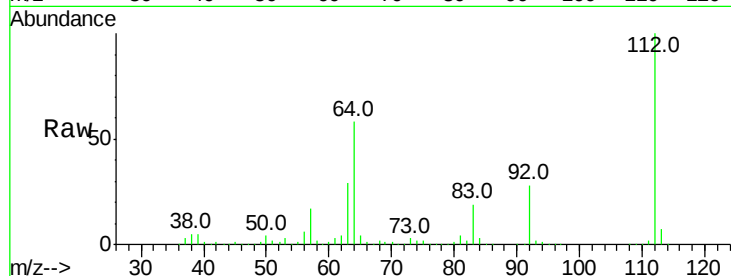
Tot Ion:112 Resp: 923912

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

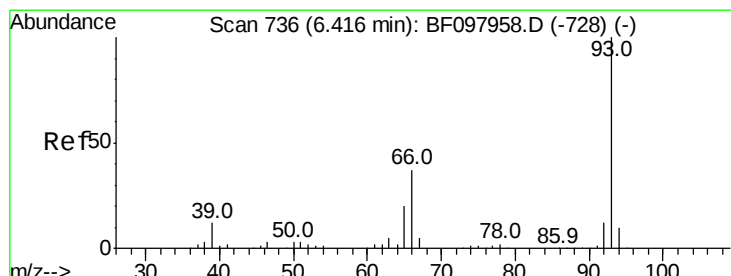
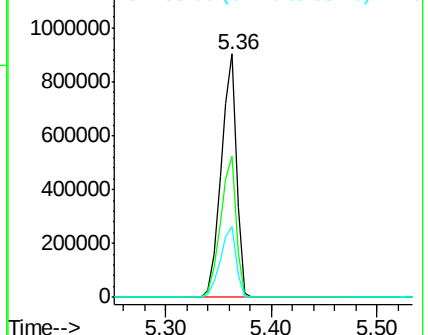
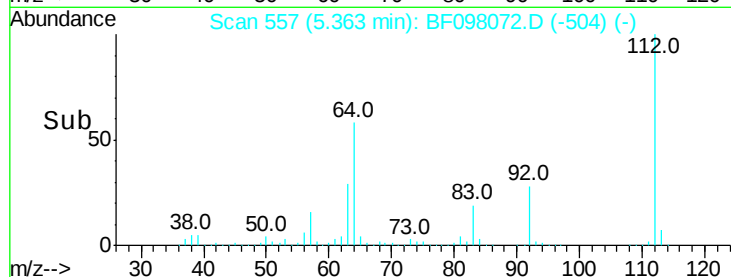
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.214 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

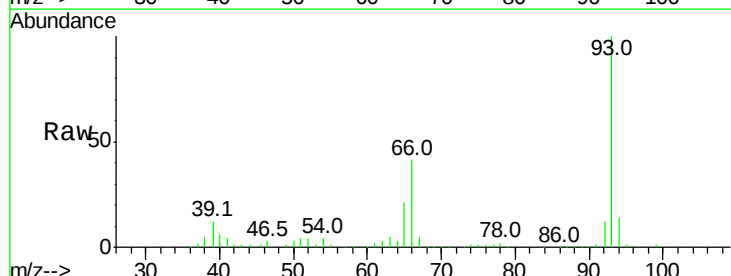
Tgt Ion: 93 Resp: 367573

Ion Ratio Lower Upper

93 100

66 40.9 32.9 49.3

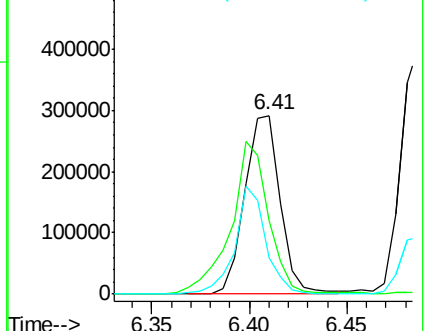
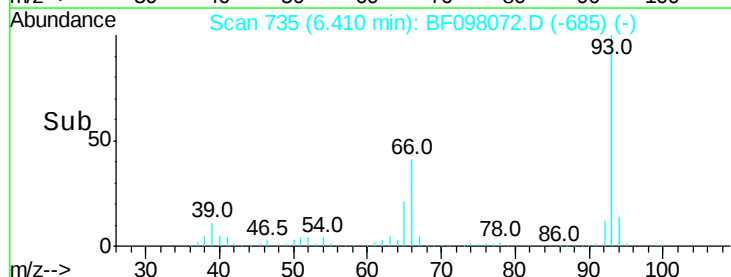
65 20.5 16.0 24.0

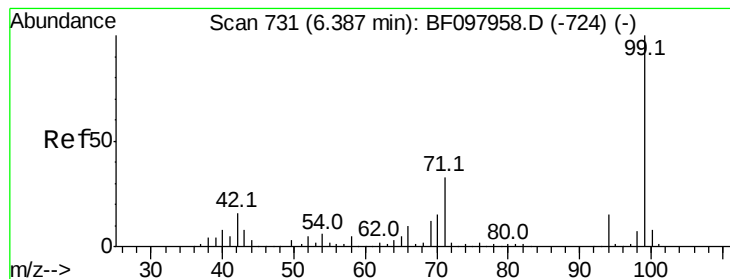


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.231 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

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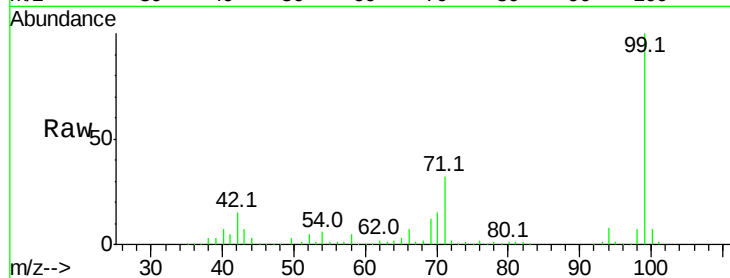
Tot Ion: 99 Resp: 1252143

Ion Ratio Lower Upper

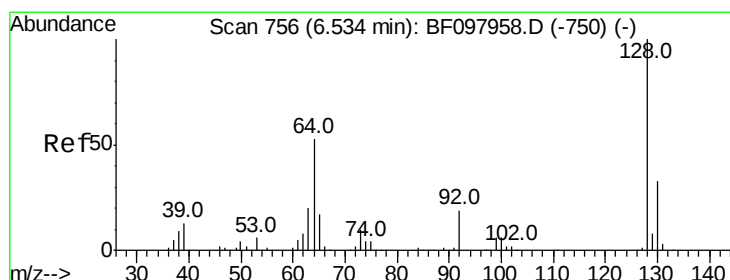
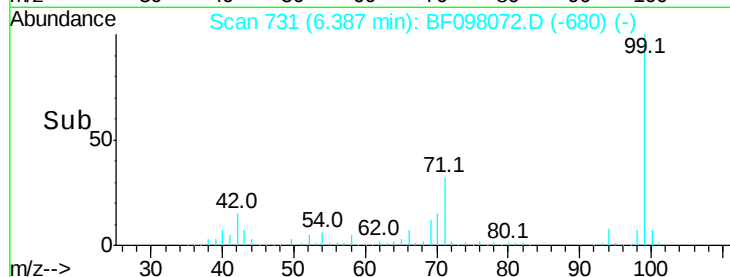
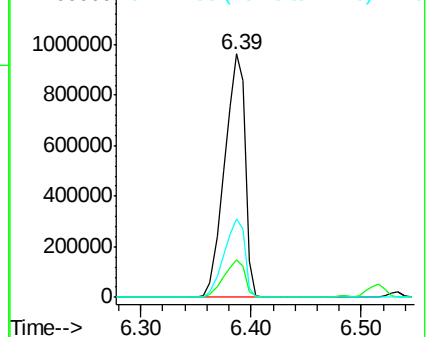
99 100

42 15.3 13.5 20.3

71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.092 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

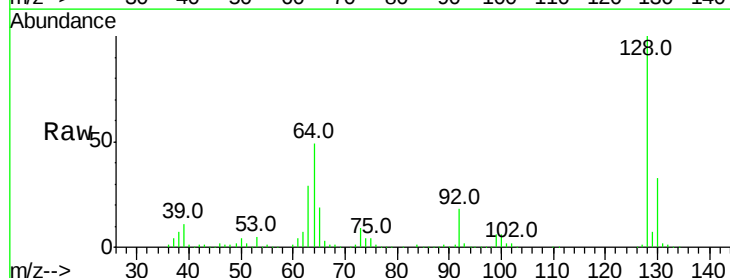
Tgt Ion:128 Resp: 321587

Ion Ratio Lower Upper

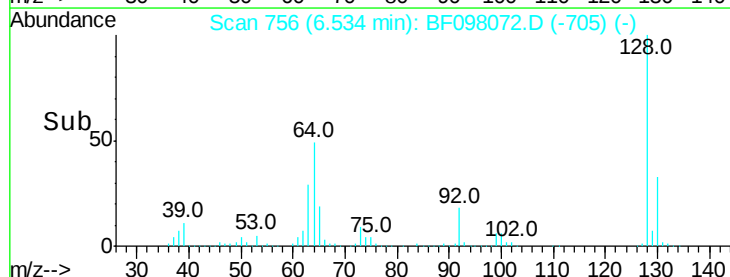
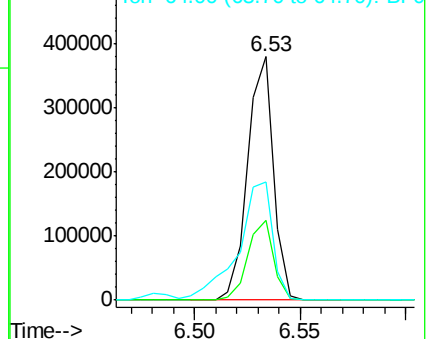
128 100

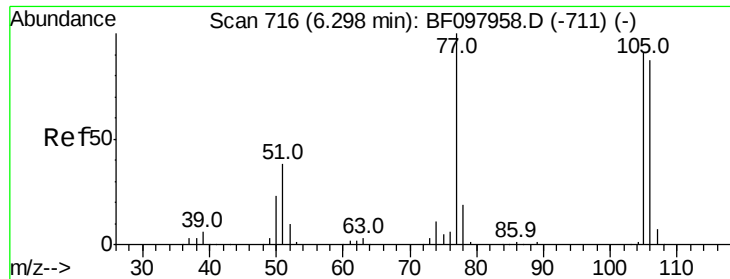
130 32.8 12.9 52.9

64 48.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

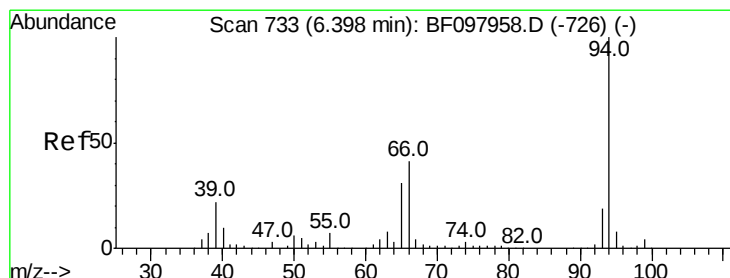
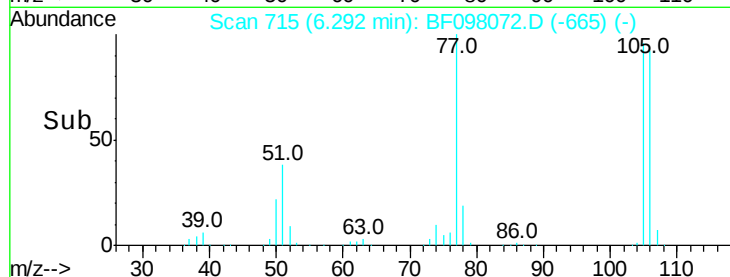
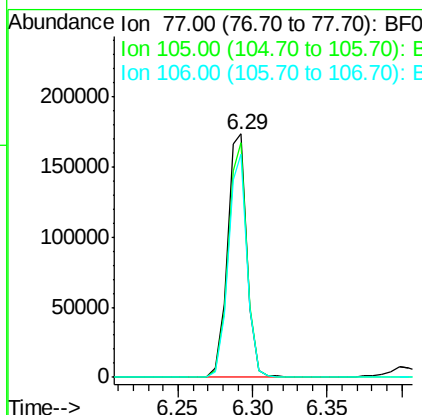
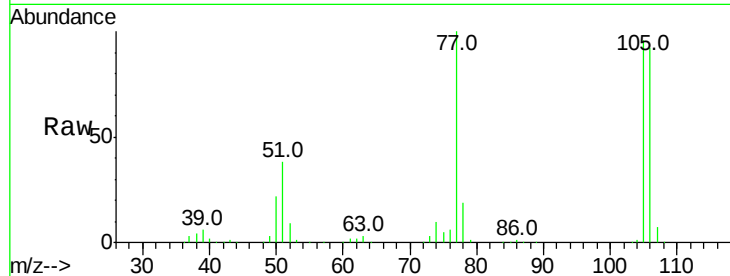




#9
Benzaldehyde
Concen: 26.475 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

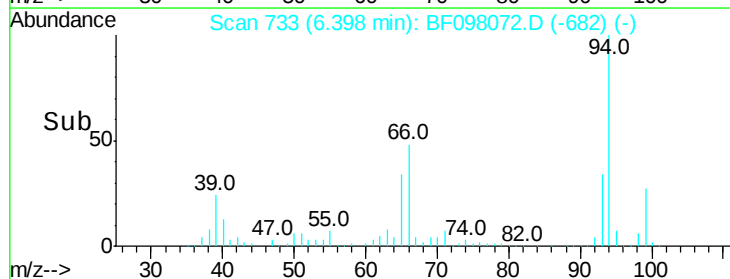
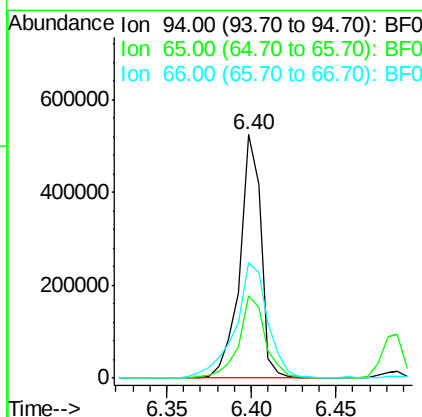
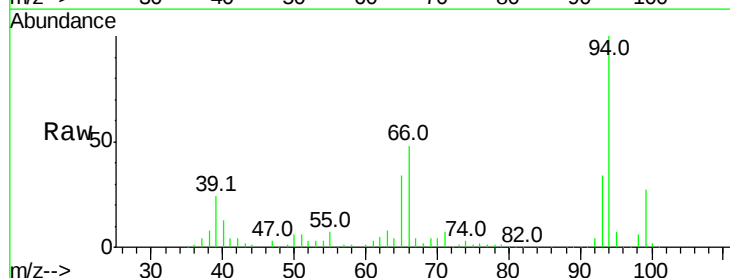
Instrument :
BNA_F
ClientSampleId :
PB101862BS

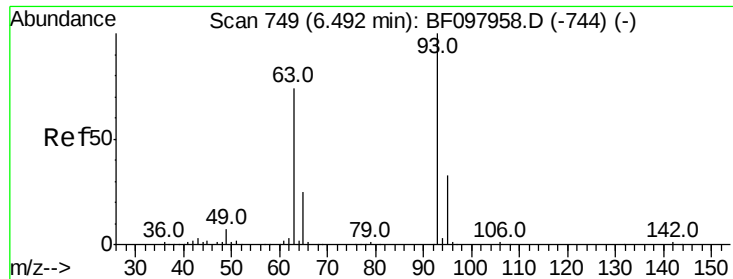
Tot Ion: 77 Resp: 161231
Ion Ratio Lower Upper
77 100
105 96.4 83.8 123.8
106 91.8 79.1 119.1



#10
Phenol
Concen: 40.880 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion: 94 Resp: 459696
Ion Ratio Lower Upper
94 100
65 33.6 9.9 49.9
66 47.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.043 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

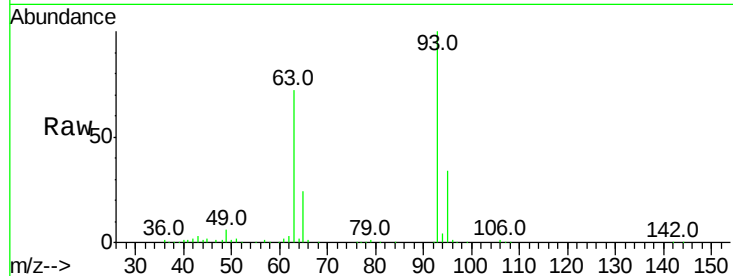
Tot Ion: 93 Resp: 348348

Ion Ratio Lower Upper

93 100

63 72.3 59.2 99.2

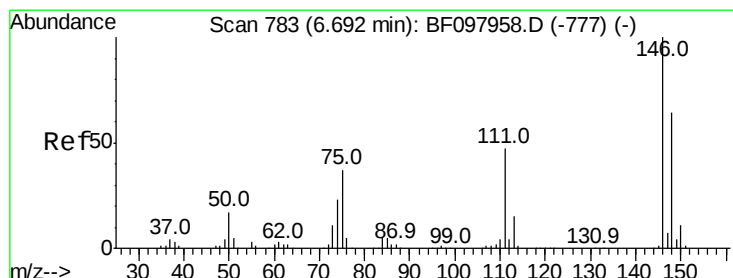
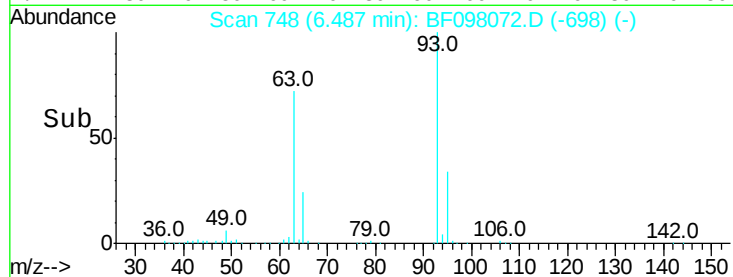
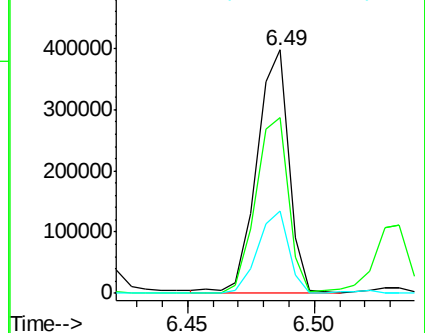
95 33.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.682 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

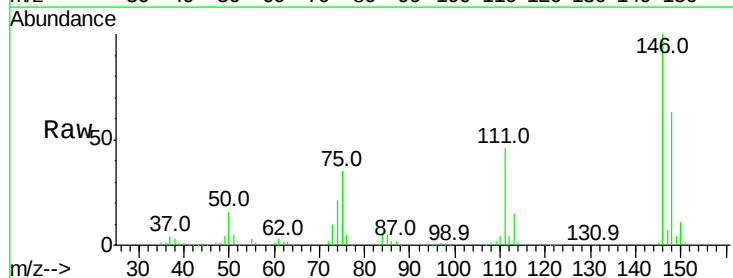
Tgt Ion: 146 Resp: 318541

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

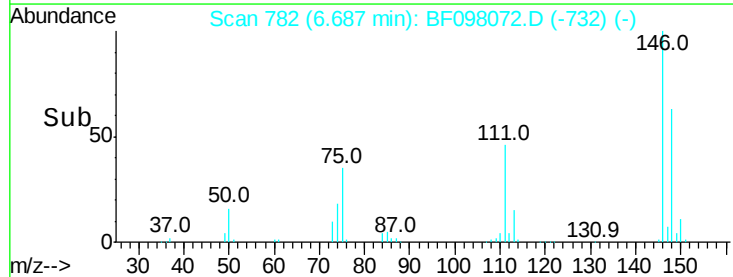
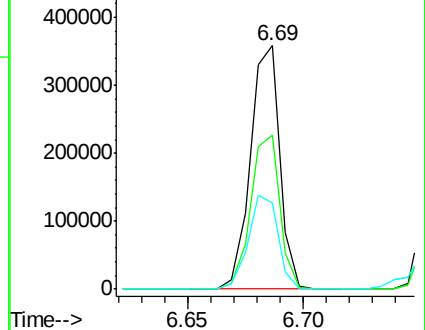
75 35.3 23.1 34.7#

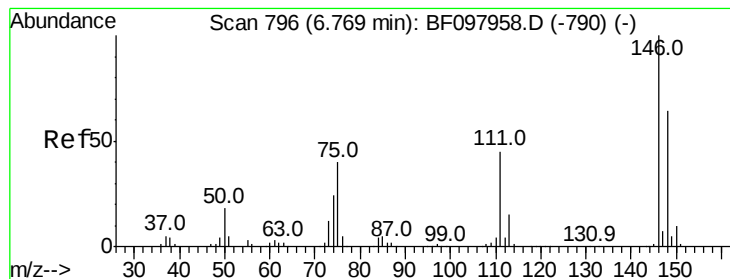


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.307 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

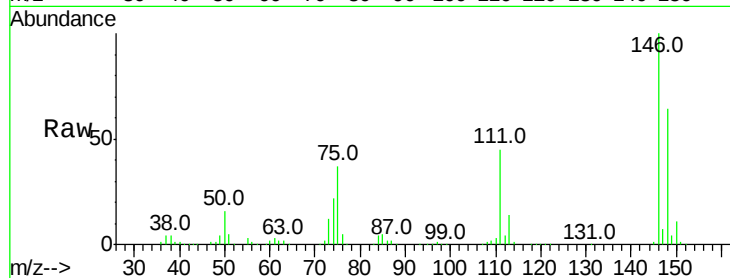
Tot Ion:146 Resp: 320909

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

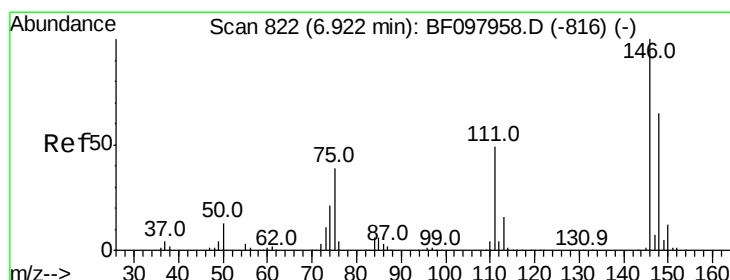
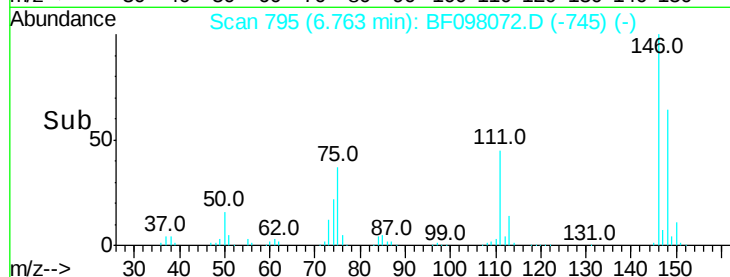
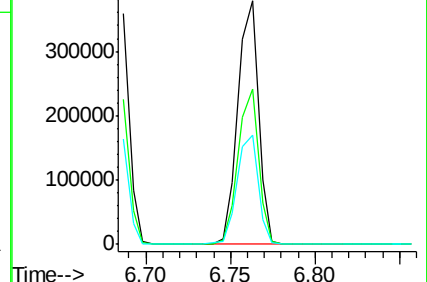
111 44.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.663 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

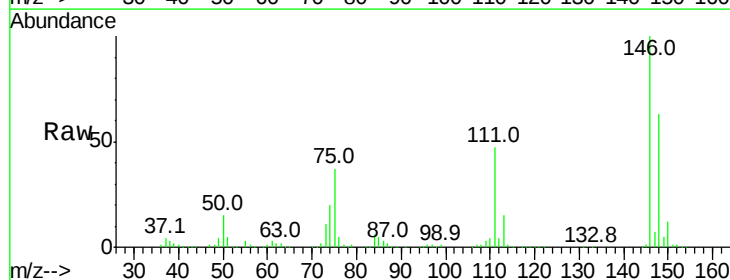
Tgt Ion:146 Resp: 298578

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

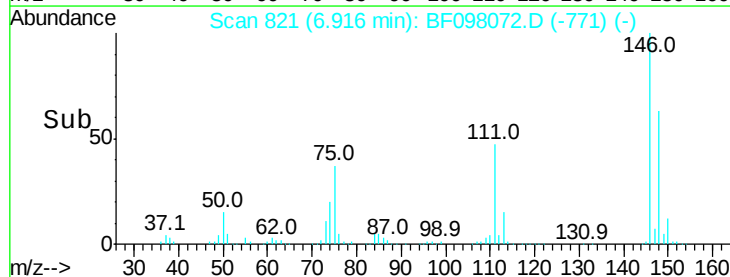
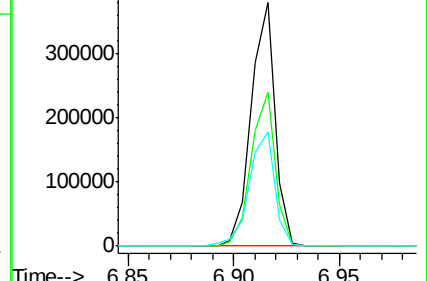
111 47.0 38.2 57.4

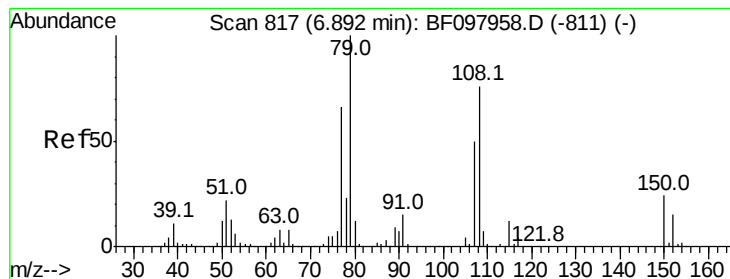


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.838 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

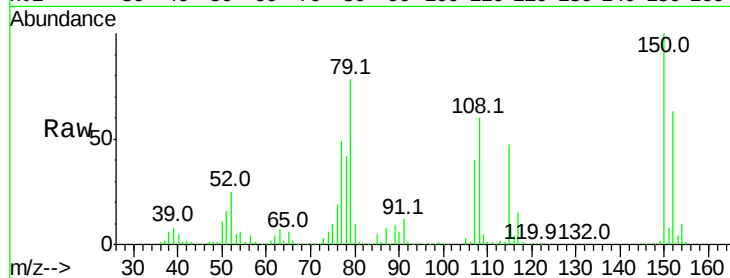
Tot Ion: 79 Resp: 315564

Ion Ratio Lower Upper

79 100

108 76.9 63.4 95.0

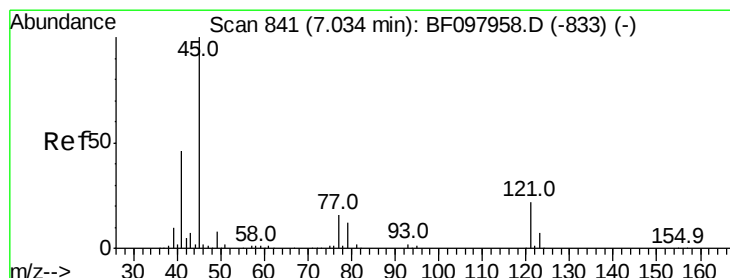
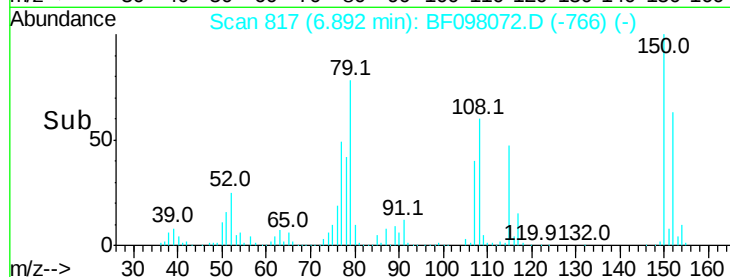
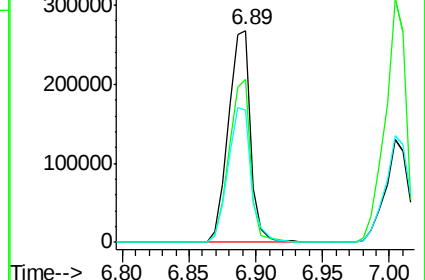
77 62.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.303 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

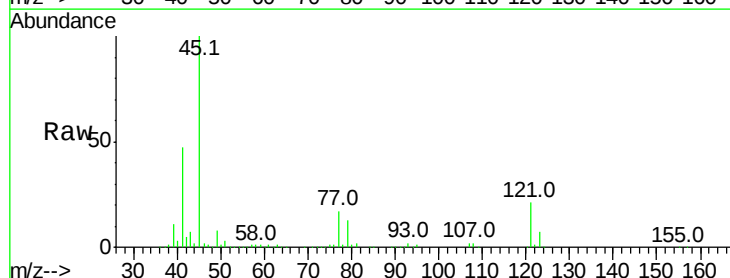
Tgt Ion: 45 Resp: 448818

Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.2

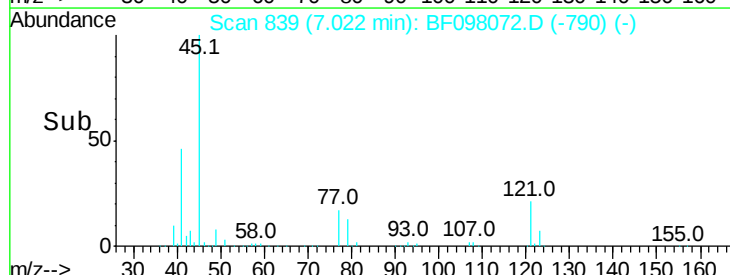
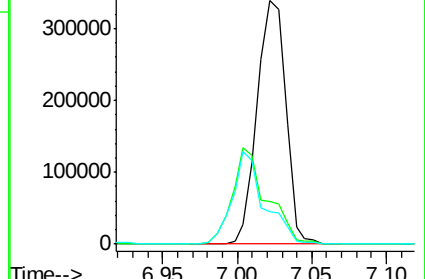
79 13.1 0.0 30.0

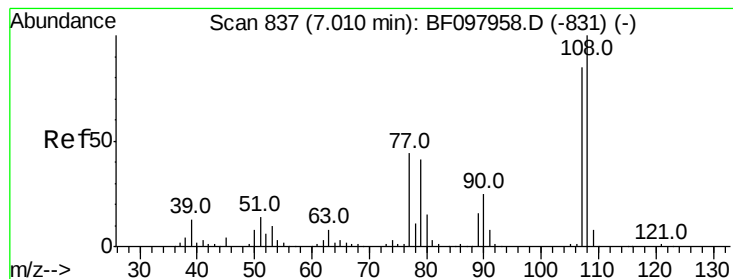


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.946 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

Tot Ion:107 Resp: 289012

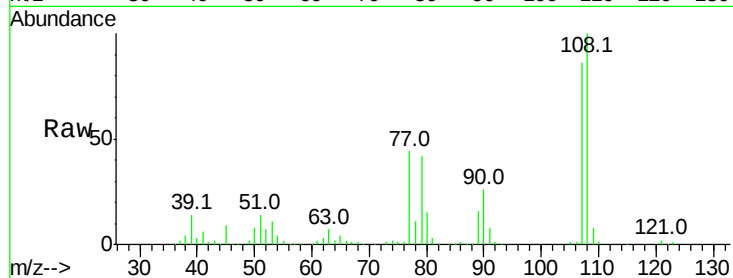
Ion Ratio Lower Upper

107 100

108 115.9 93.4 140.0

77 50.8 35.8 53.6

79 48.8 34.8 52.2

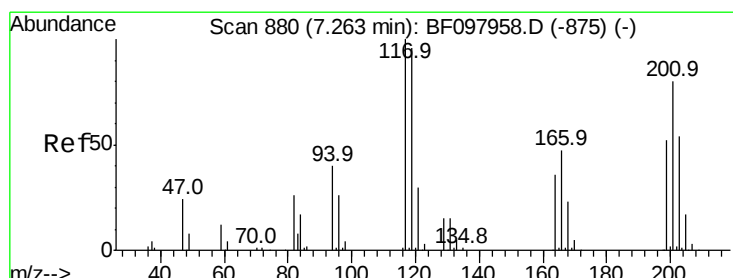
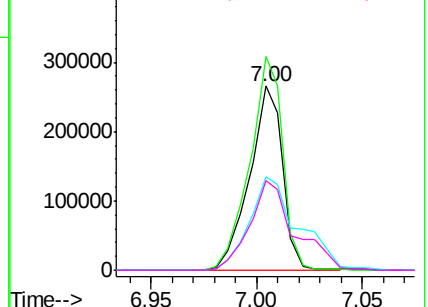
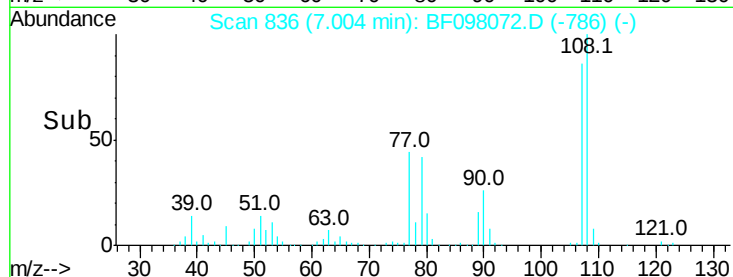


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.790 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

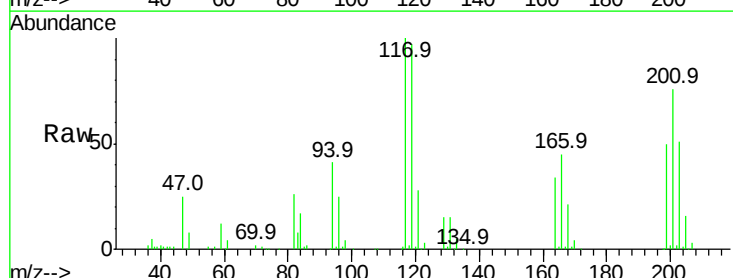
Tgt Ion:117 Resp: 127363

Ion Ratio Lower Upper

117 100

119 97.2 77.4 116.0

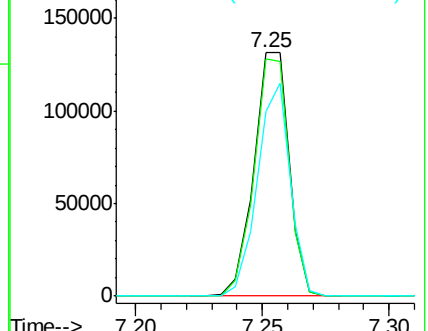
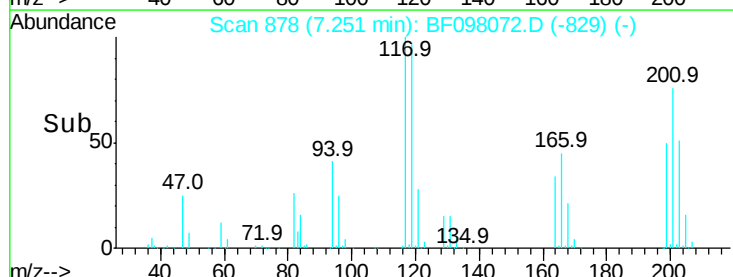
201 76.0 94.6 141.8#



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

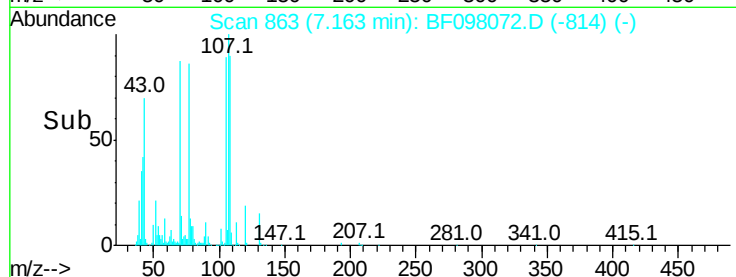
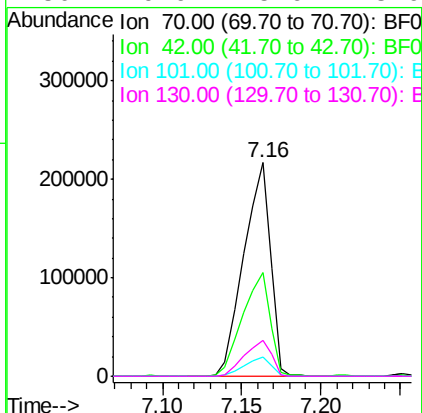
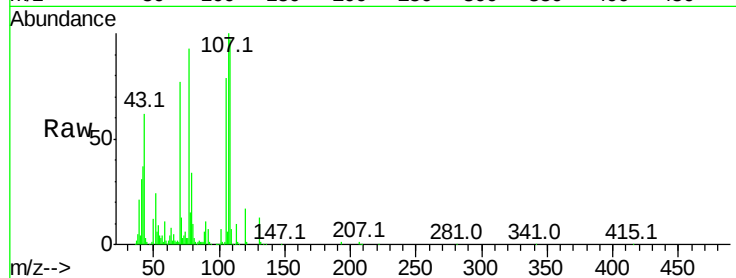




#19
n-Nitroso-di-n-propylamine
Concen: 38.509 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

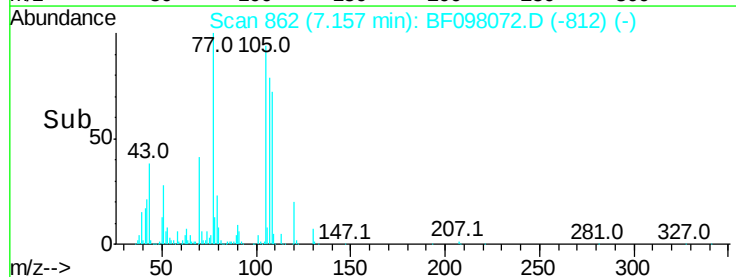
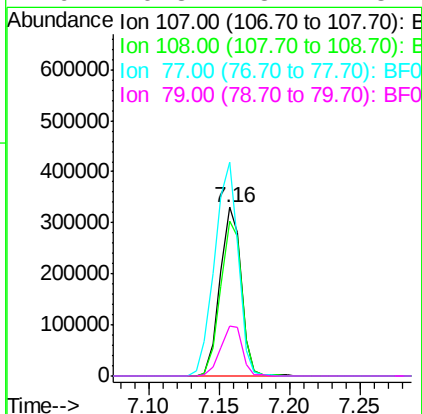
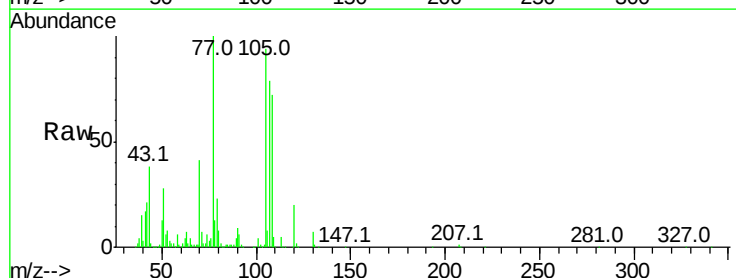
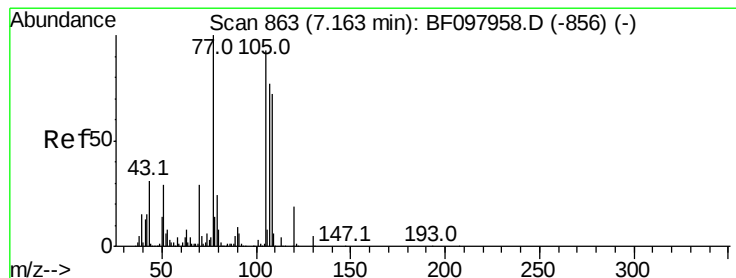
Instrument :
BNA_F
ClientSampleId :
PB101862BS

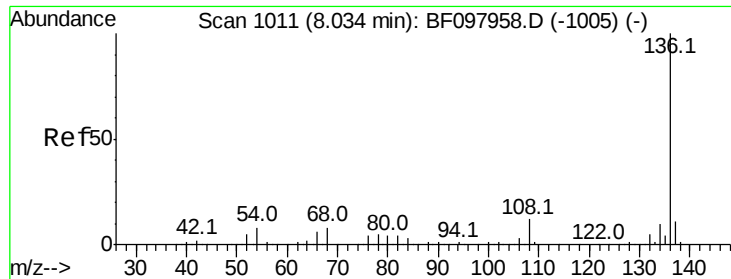
Tot Ion:	70	Resp:	253462
Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	9.2	7.2	10.8
130	16.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.146 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:	107	Resp:	346575
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	126.7	90.5	130.5
79	29.3	8.4	48.4

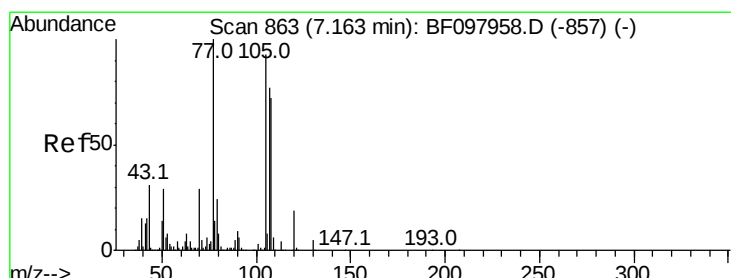
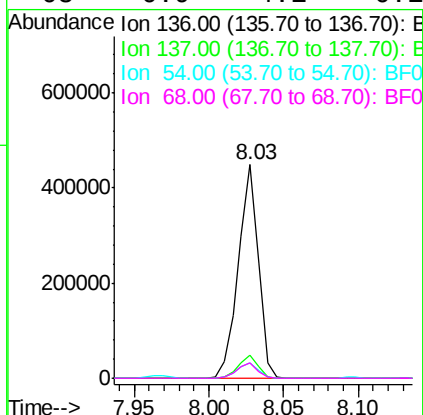
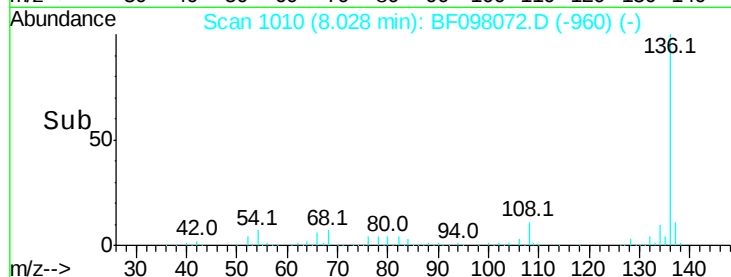
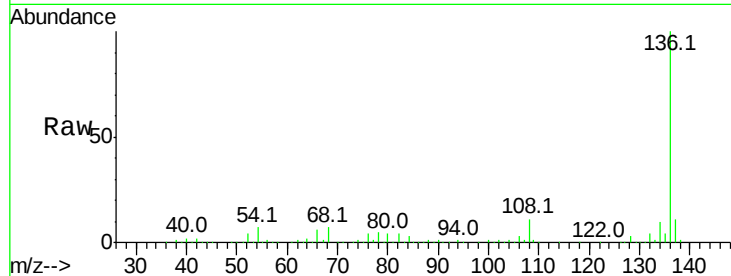




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

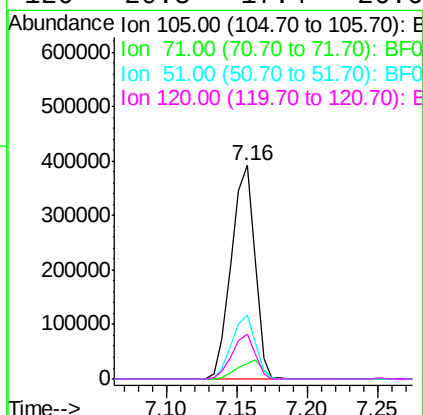
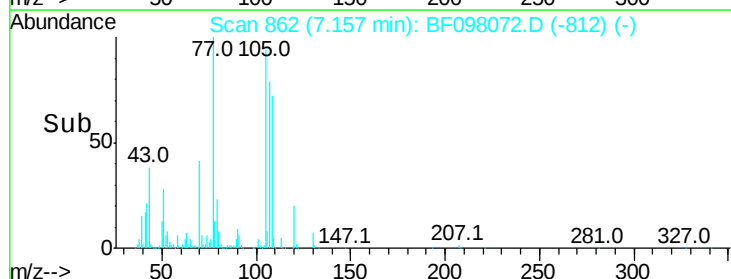
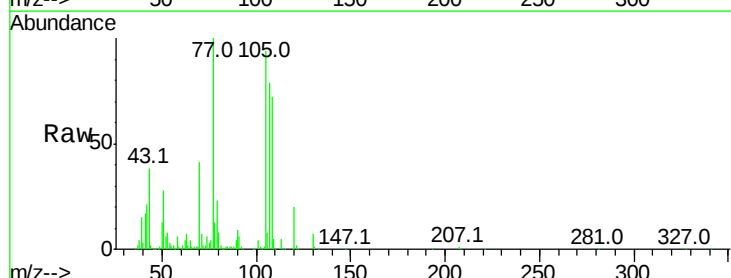
Instrument :
BNA_F
ClientSampleId :
PB101862BS

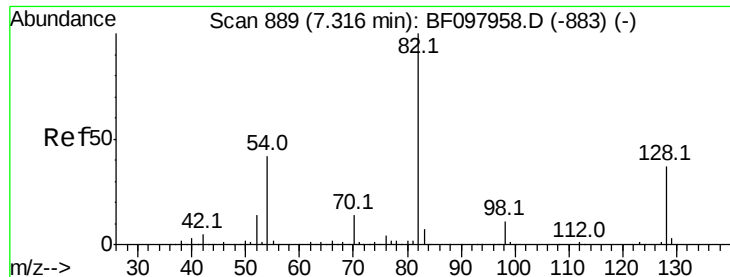
Tot Ion:136	Resp:	422923	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.5	12.7	
54 7.4	4.9	7.3#	
68 6.9	4.1	6.1#	



#22
Acetophenone
Concen: 41.037 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt	Ion:105	Resp:	458492
Ion	Ratio	Lower	Upper
105	100		
71	6.9	2.8	4.2#
51	30.0	30.7	46.1#
120	20.8	17.4	26.0

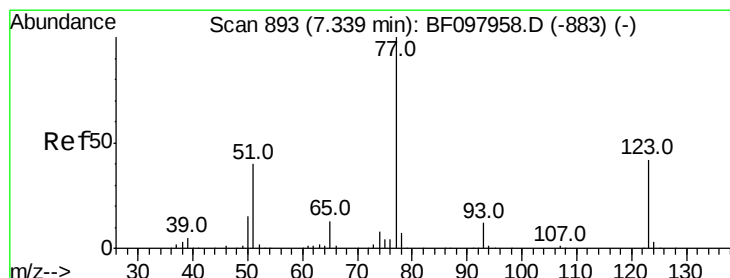
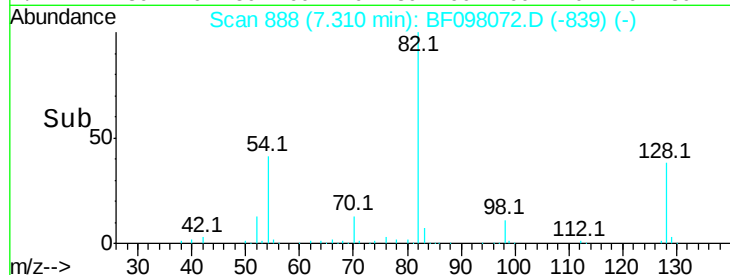
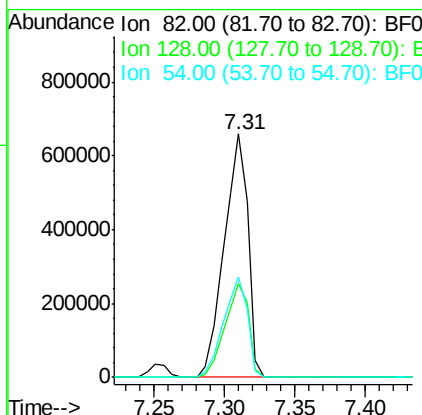
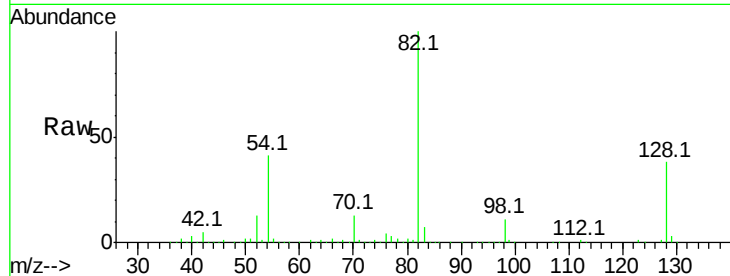




#23
 Nitrobenzene-d5
 Concen: 98.413 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

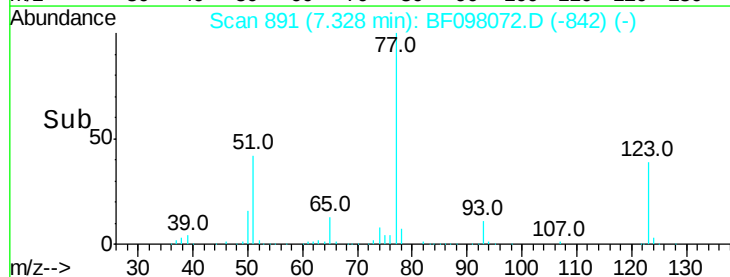
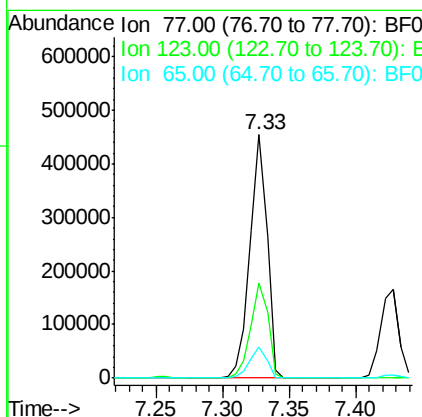
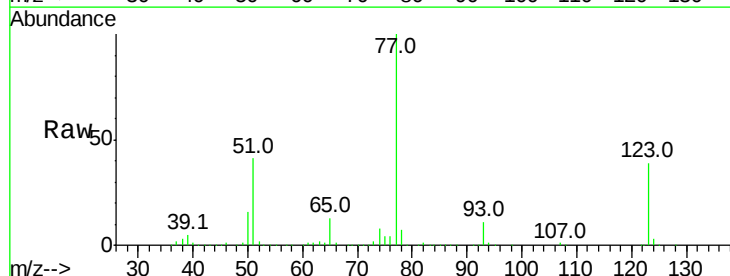
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

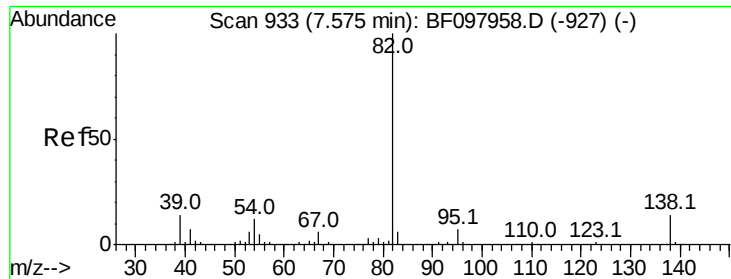
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	41.0	42.2	63.2#



#24
 Nitrobenzene
 Concen: 46.270 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	35.8	53.8
65	12.6	10.6	15.8

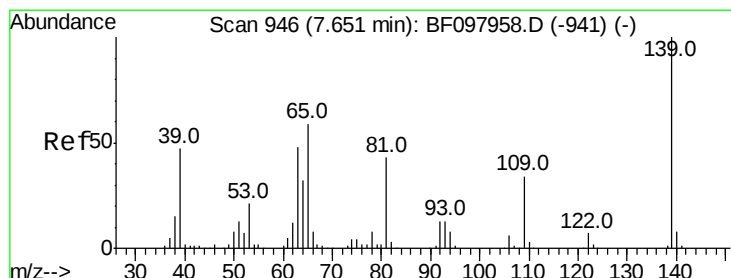
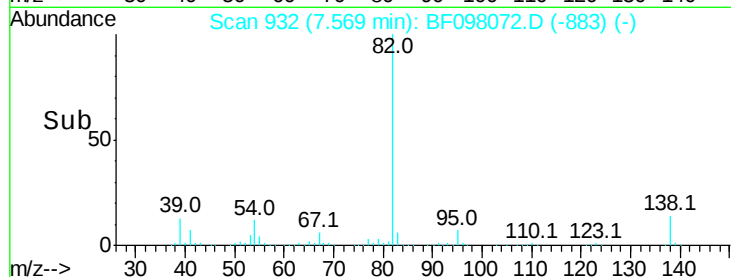
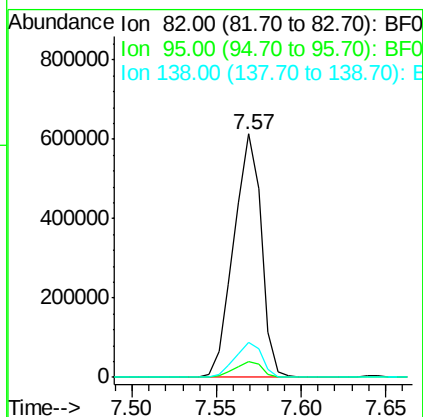
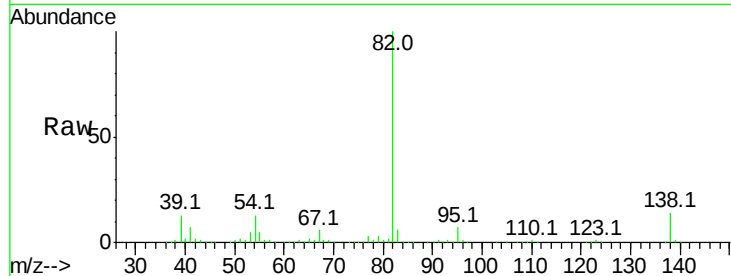




#25
Isophorone
Concen: 43.063 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

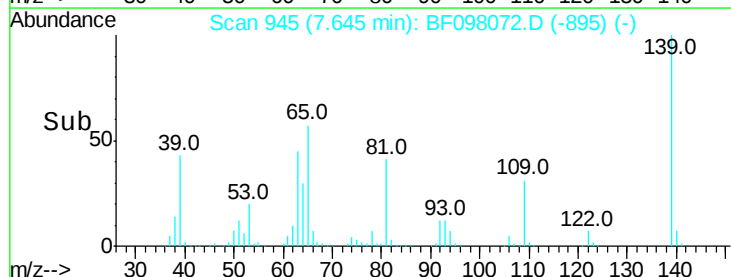
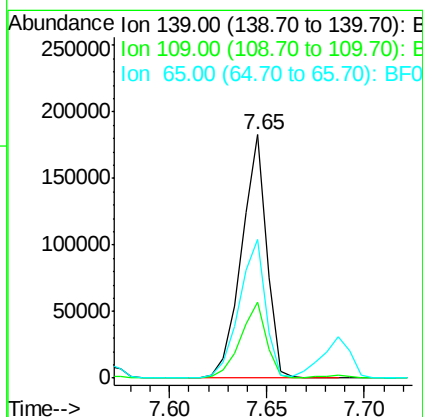
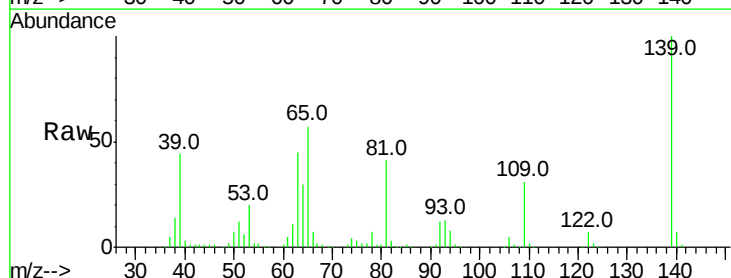
Instrument :
BNA_F
ClientSampleId :
PB101862BS

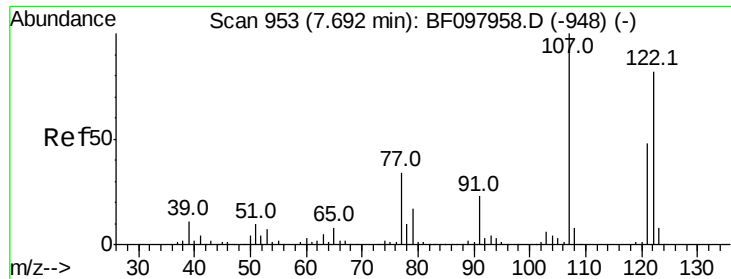
Tot Ion: 82 Resp: 697111
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 14.3 13.1 19.7



#26
2-Nitrophenol
Concen: 51.396 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion: 139 Resp: 162719
Ion Ratio Lower Upper
139 100
109 31.4 21.0 31.6
65 56.7 33.0 49.6#

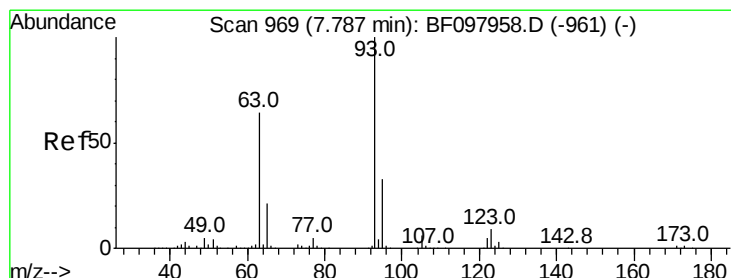
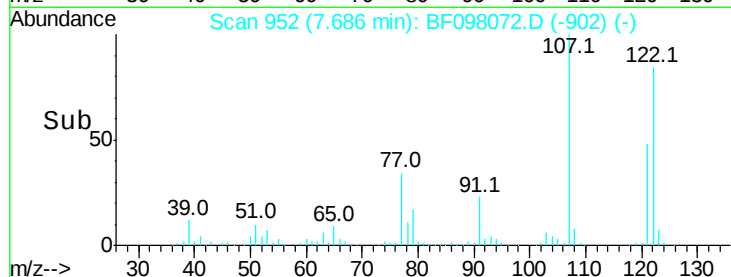
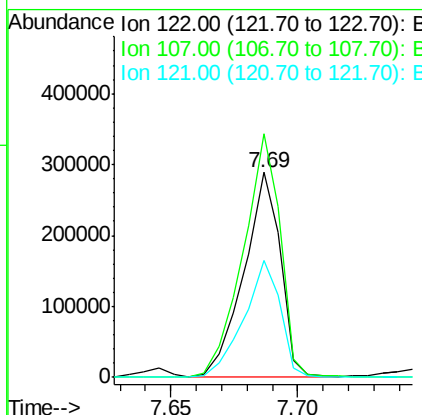
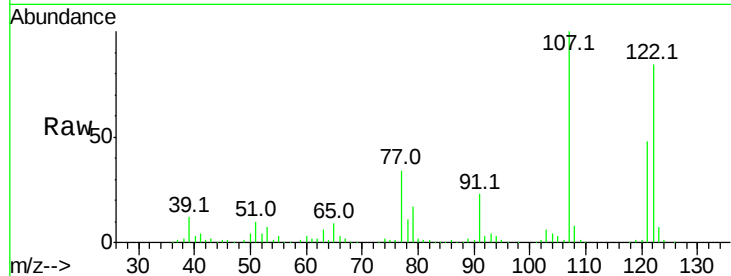




#27
 2,4-Dimethylphenol
 Concen: 43.152 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

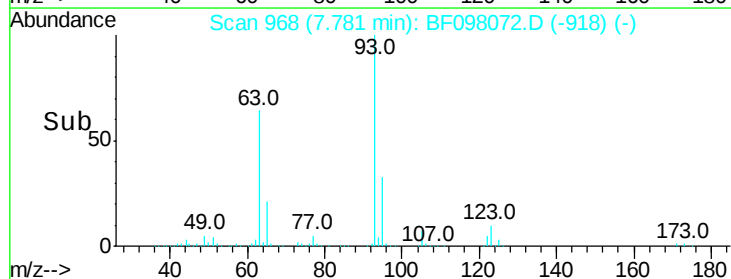
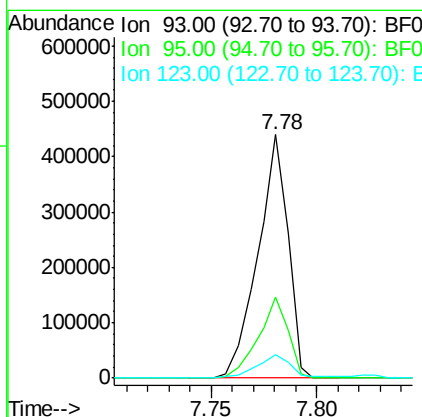
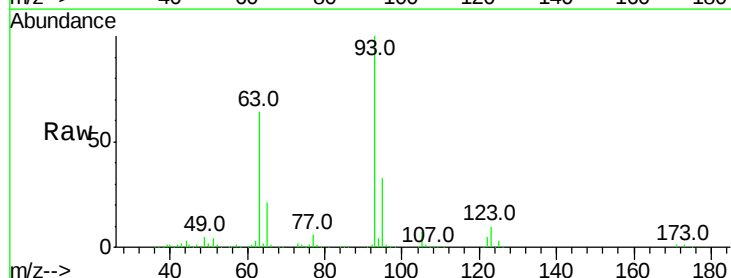
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

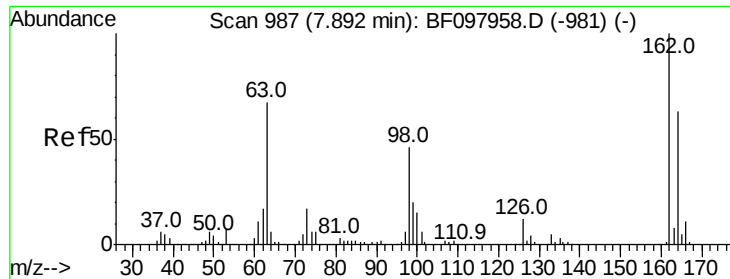
Tot Ion:122 Resp: 291332
 Ion Ratio Lower Upper
 122 100
 107 119.0 89.2 133.8
 121 57.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.908 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion: 93 Resp: 435366
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 9.8 9.0 13.4

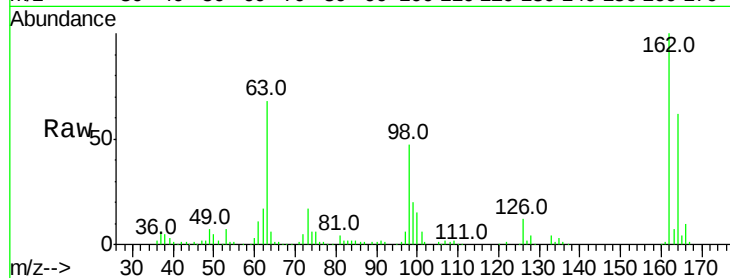




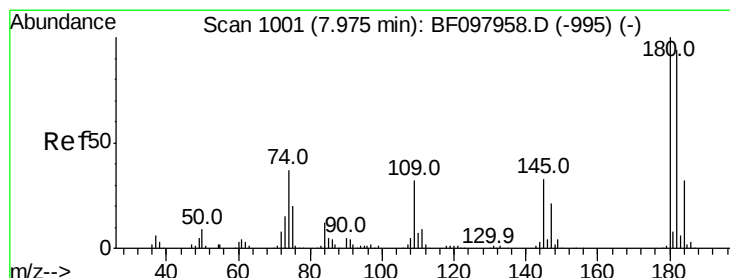
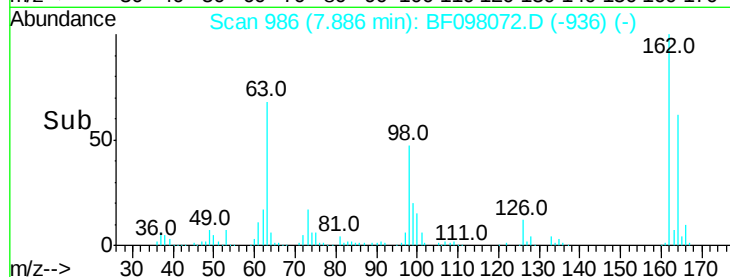
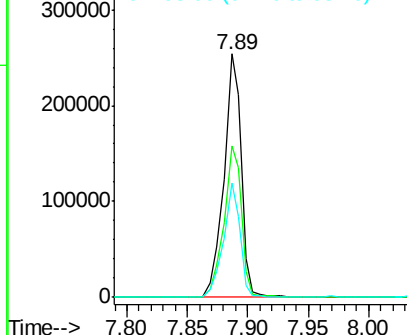
#29
 2,4-Dichlorophenol
 Concen: 44.957 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Tot Ion:162 Resp: 251948
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 47.0 14.8 54.8

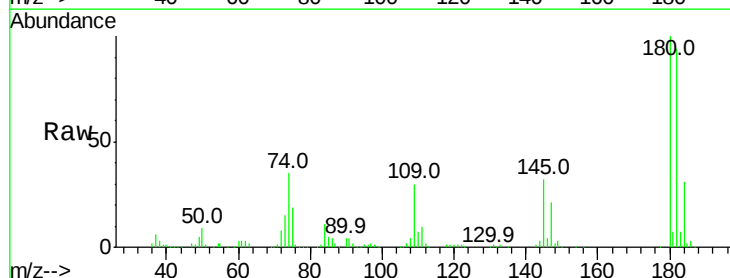


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

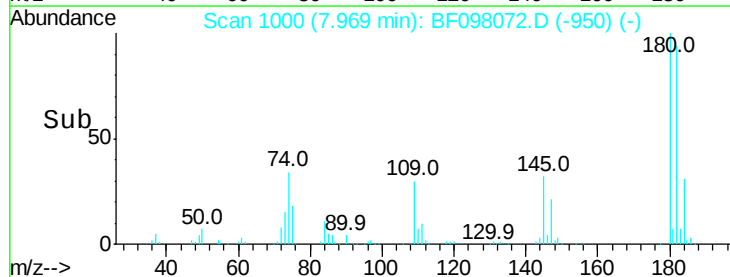
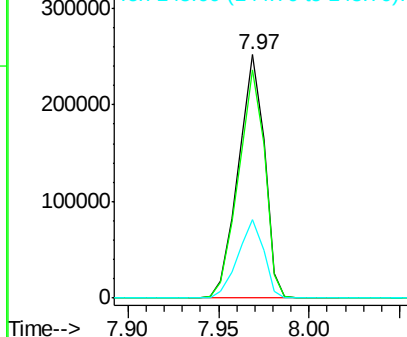


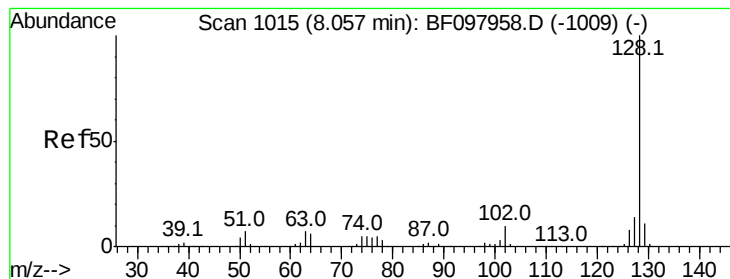
#30
 1,2,4-Trichlorobenzene
 Concen: 40.527 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:180 Resp: 251782
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 32.4 25.3 37.9



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





#31

Naphthalene

Concen: 41.212 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

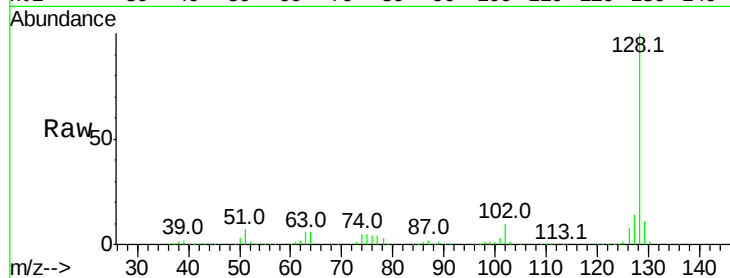
Tot Ion:128 Resp: 904863

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

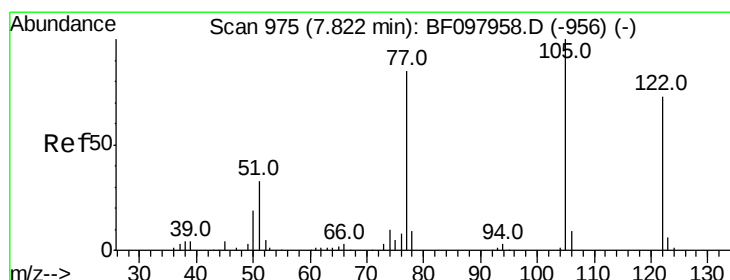
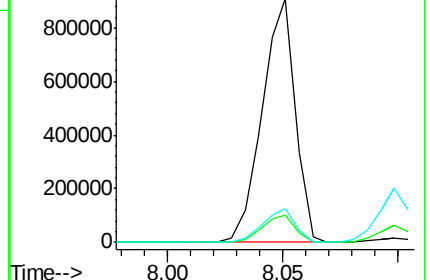
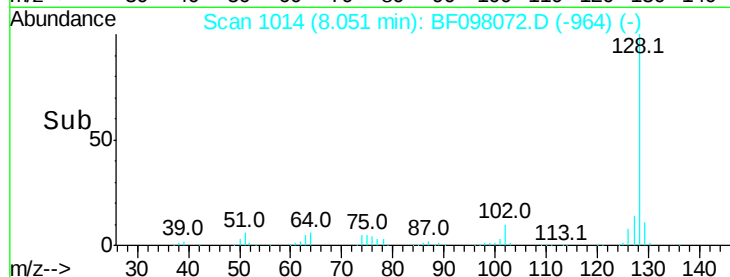
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.474 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

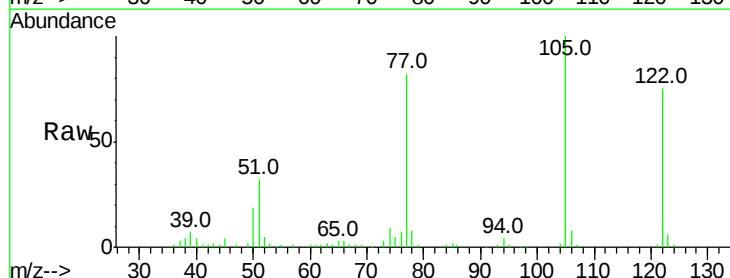
Tgt Ion:122 Resp: 187716

Ion Ratio Lower Upper

122 100

105 133.4 103.3 143.3

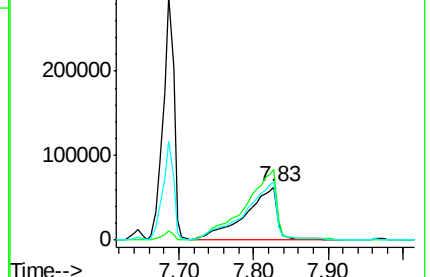
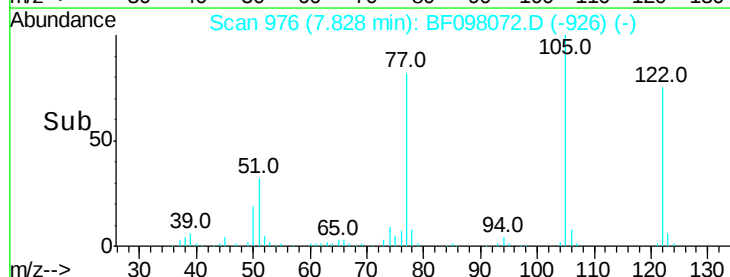
77 109.3 73.7 113.7

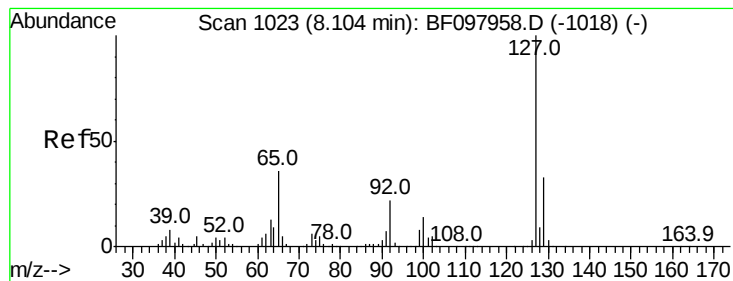


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.275 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

Tot Ion:127 Resp: 206259

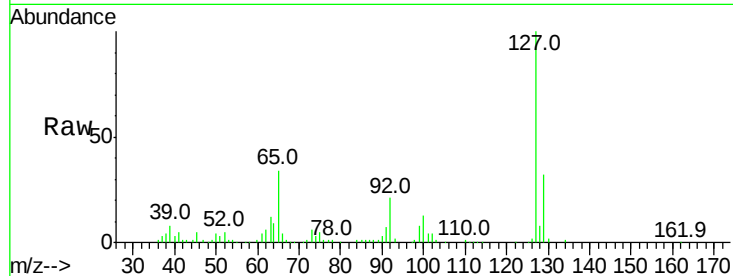
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 34.3 27.8 41.8

92 21.1 16.8 25.2

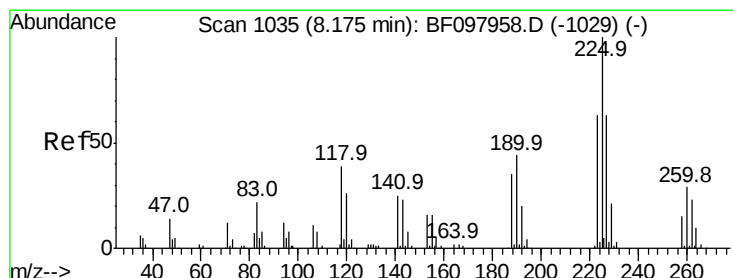
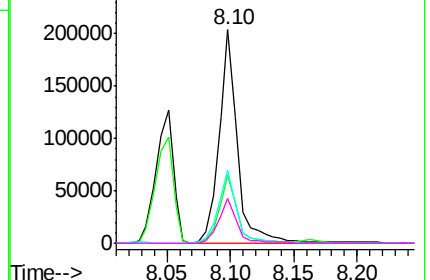
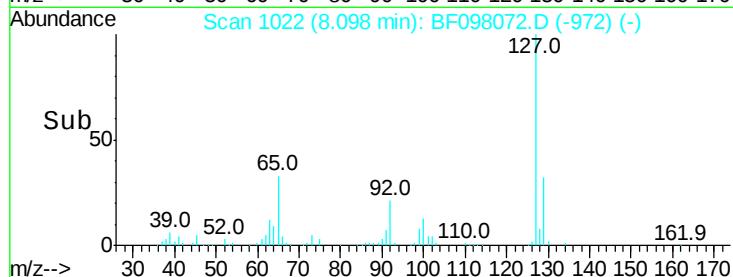


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.332 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

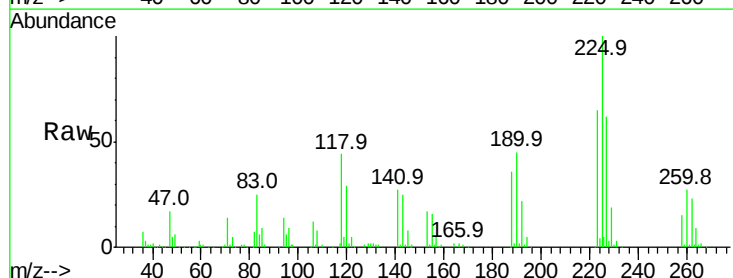
Tgt Ion:225 Resp: 142670

Ion Ratio Lower Upper

225 100

223 64.6 48.8 73.2

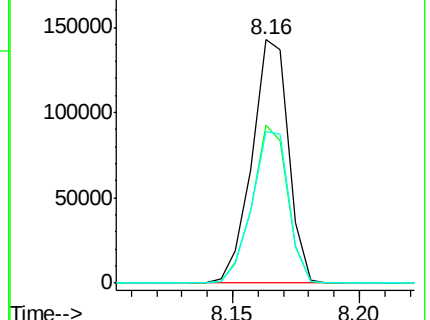
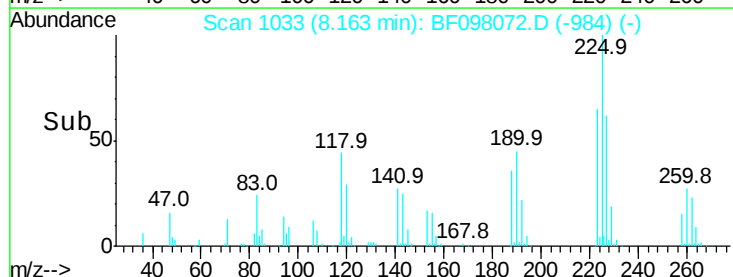
227 62.3 51.1 76.7

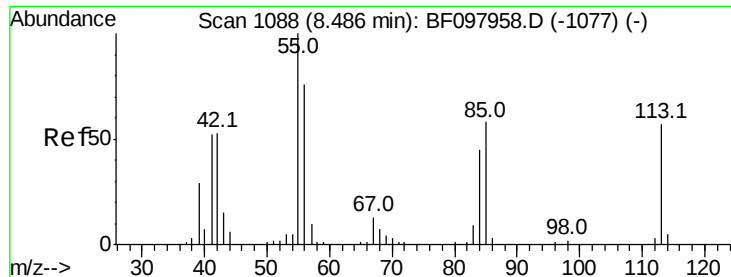


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

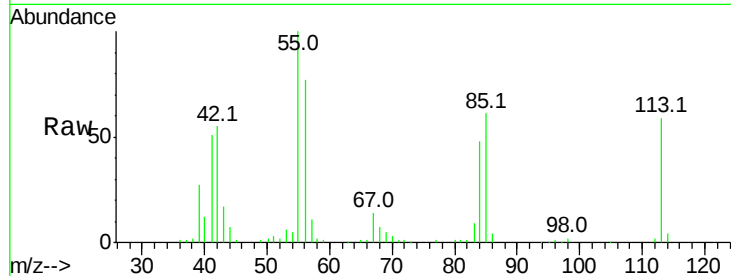




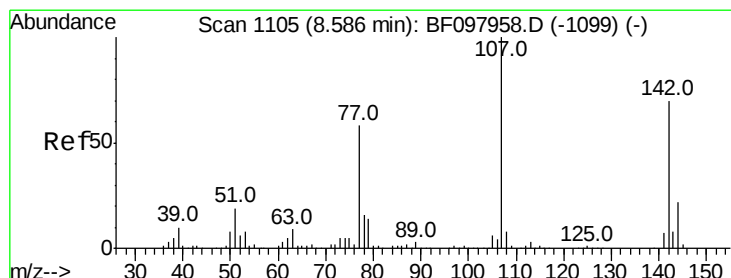
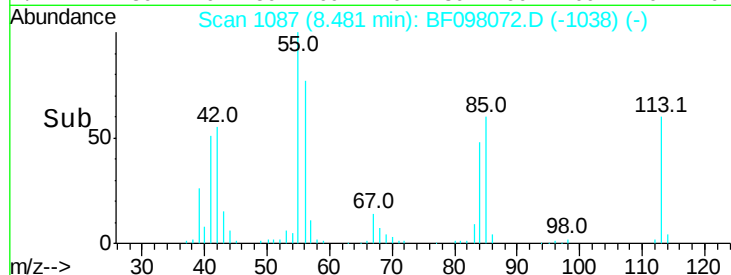
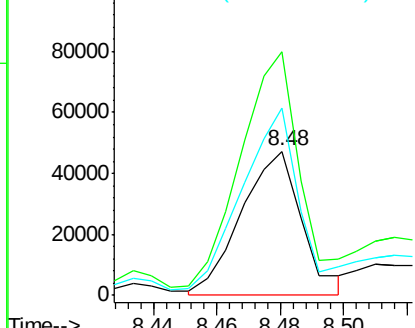
#35
Caprolactam
Concen: 32.897 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion:113 Resp: 62676
Ion Ratio Lower Upper
113 100
55 169.0 150.2 190.2
56 129.6 107.8 147.8

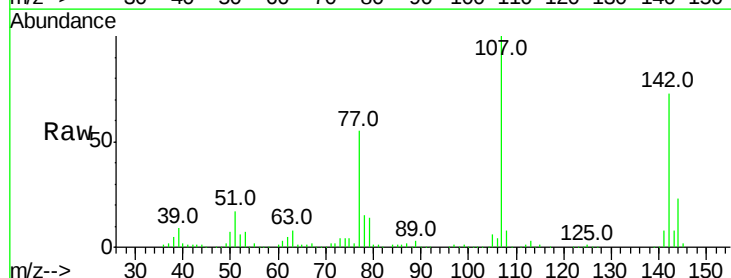


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

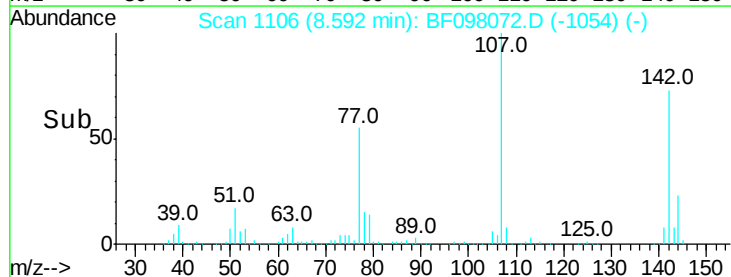
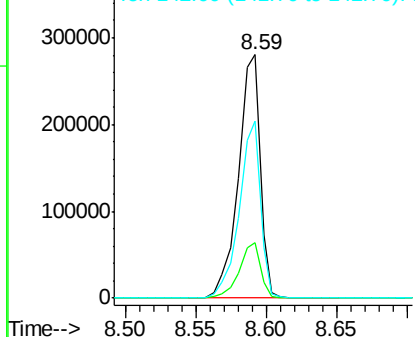


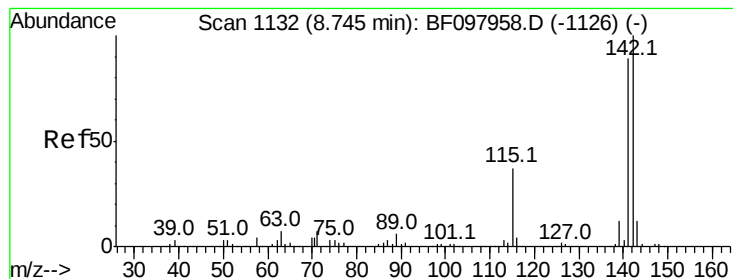
#36
4-Chloro-3-methylphenol
Concen: 42.217 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:107 Resp: 303980
Ion Ratio Lower Upper
107 100
144 22.9 24.2 36.4#
142 72.5 73.4 110.0#



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

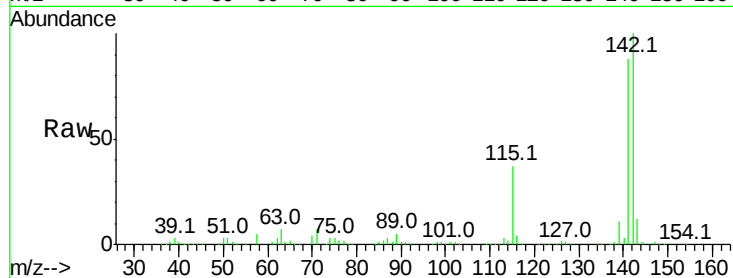




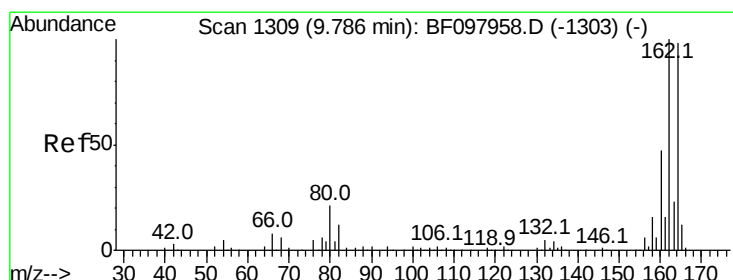
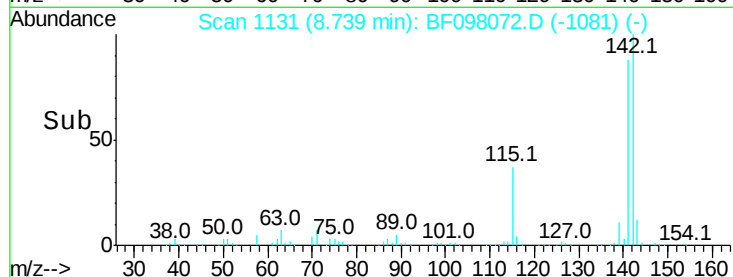
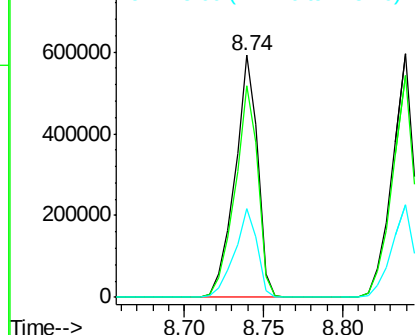
#37
 2-Methylnaphthalene
 Concen: 43.469 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Tot Ion:142 Resp: 585138
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.3 106.9
 115 36.8 27.1 40.7

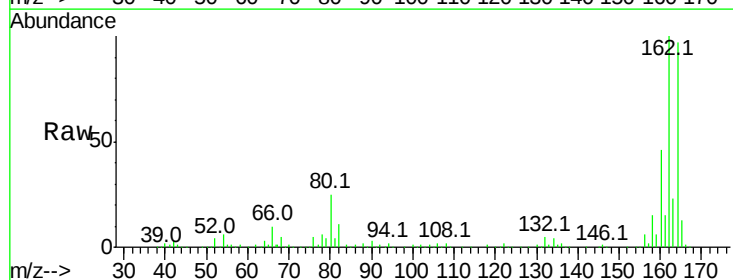


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

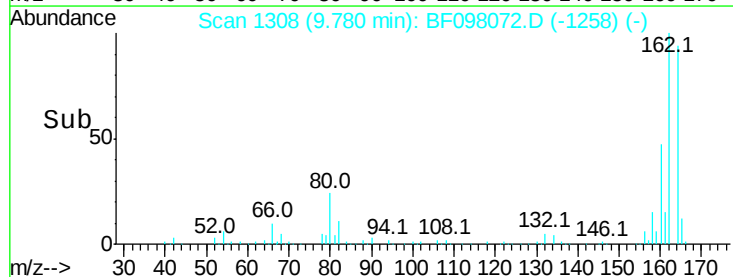
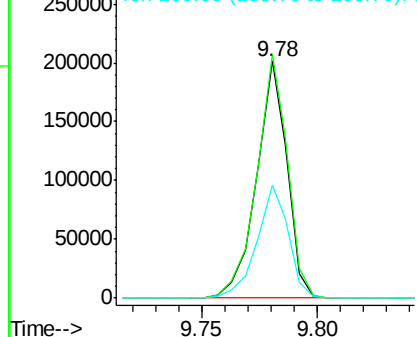


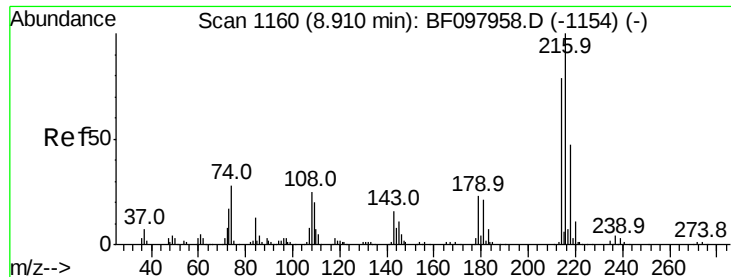
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:164 Resp: 184894
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 47.6 36.2 54.2



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

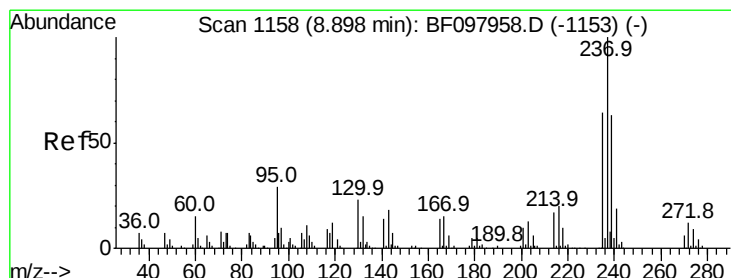
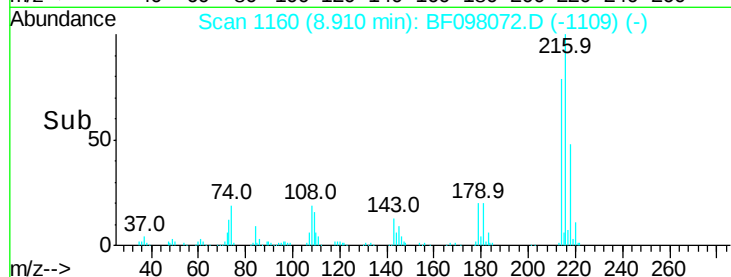
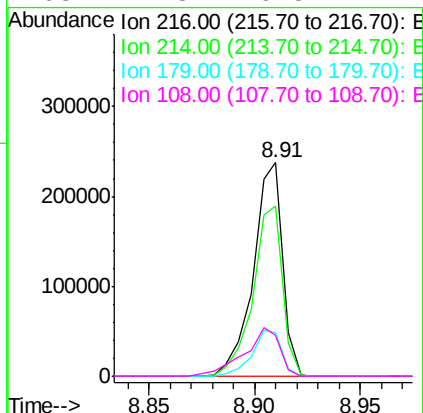
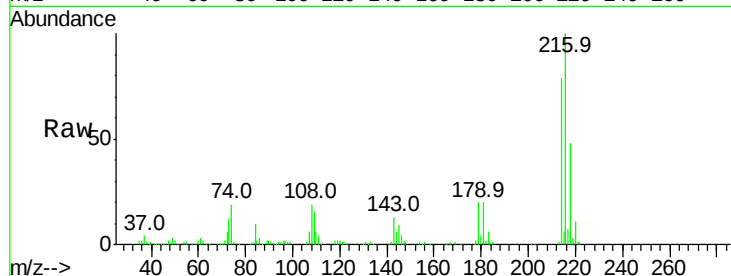




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.481 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

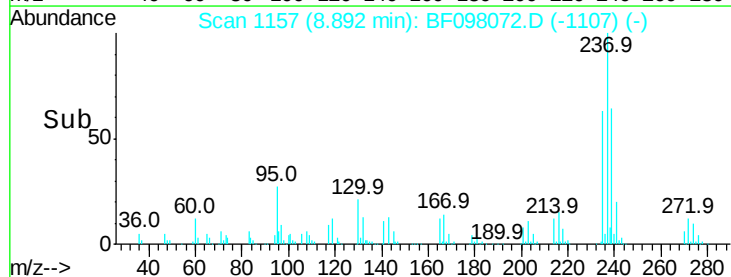
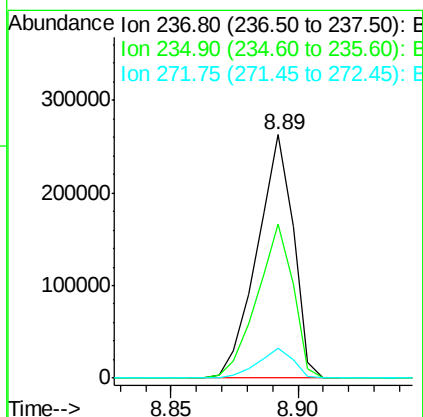
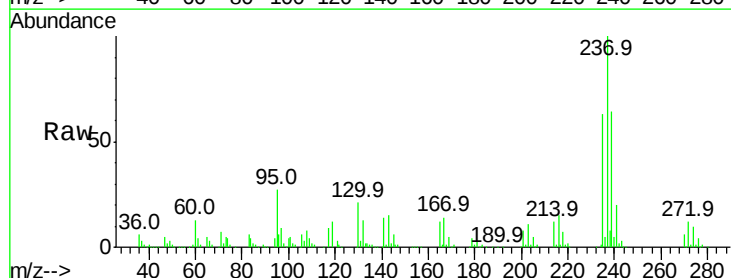
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

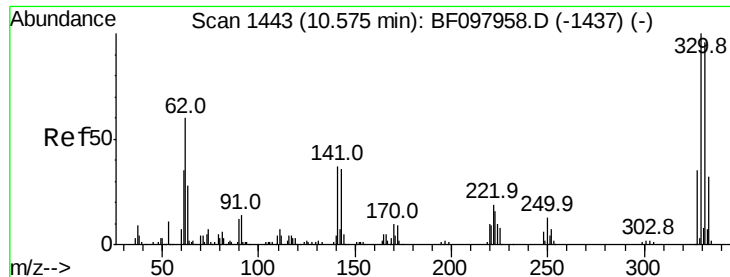
Tot Ion:	216	Resp:	229705
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.0	17.9	26.9
108	27.3	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 96.622 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:	237	Resp:	263392
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.3	0.0	31.9

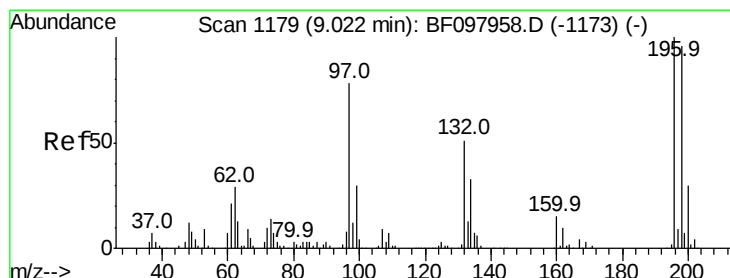
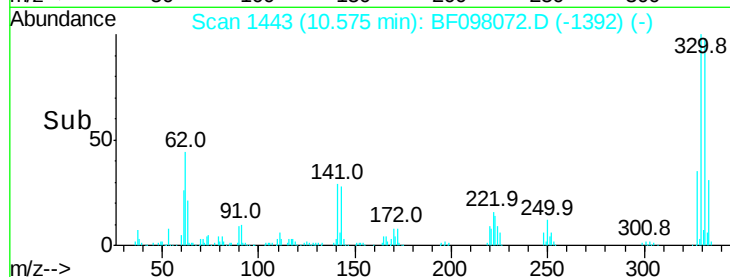
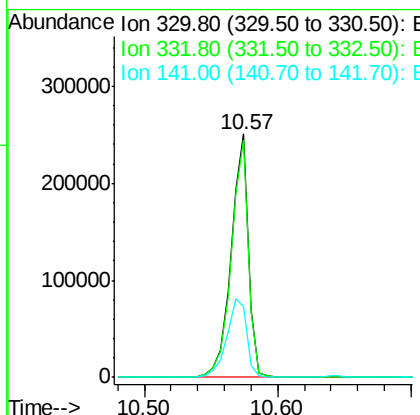
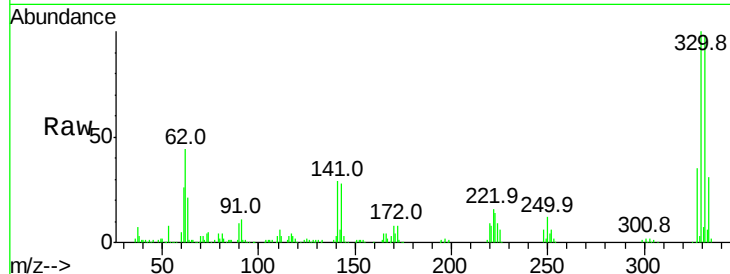




#41
 2,4,6-Tribromophenol
 Concen: 143.023 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

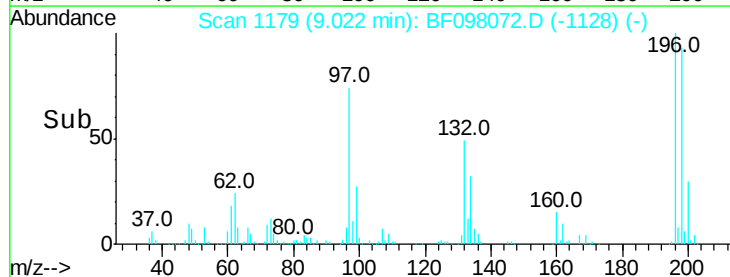
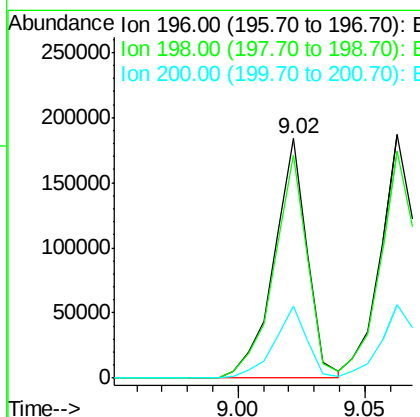
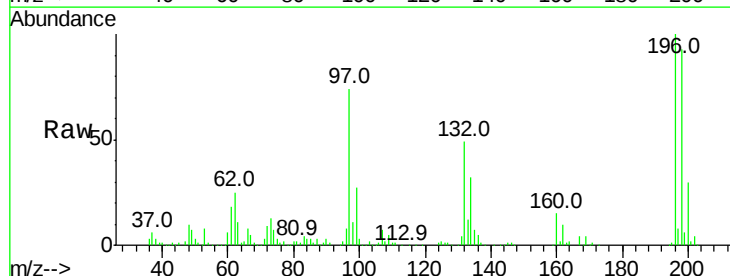
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	37.6	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.375 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.4
200	30.1	24.0	36.0

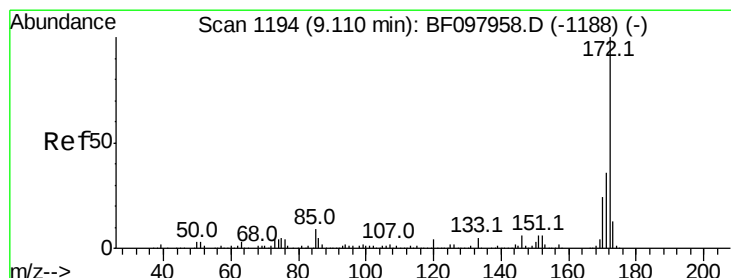
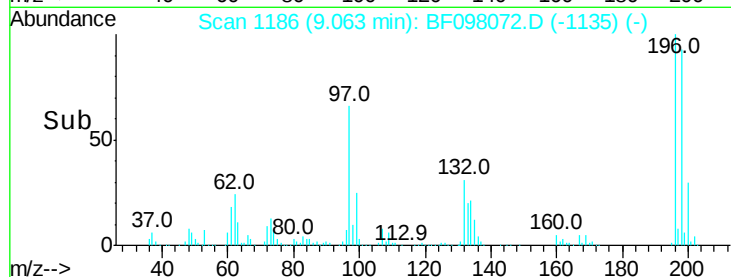
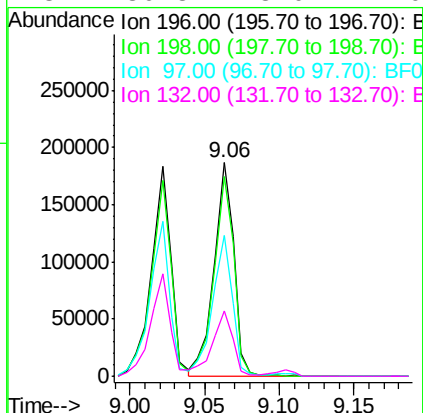
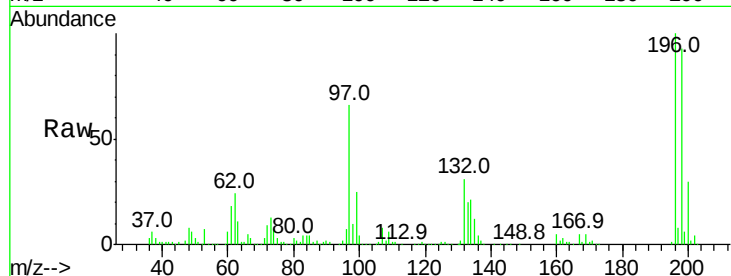




#43
 2,4,5-Trichlorophenol
 Concen: 46.062 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

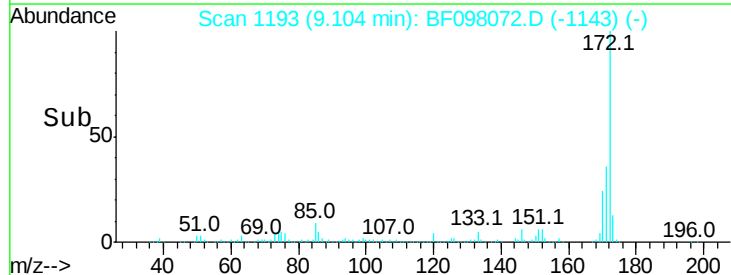
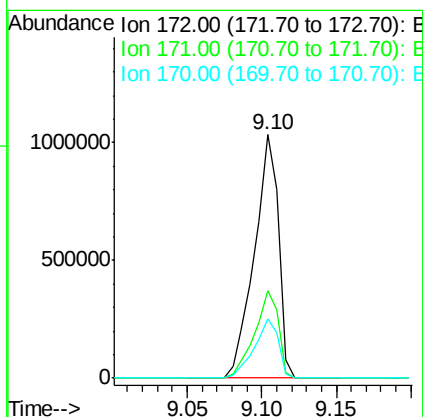
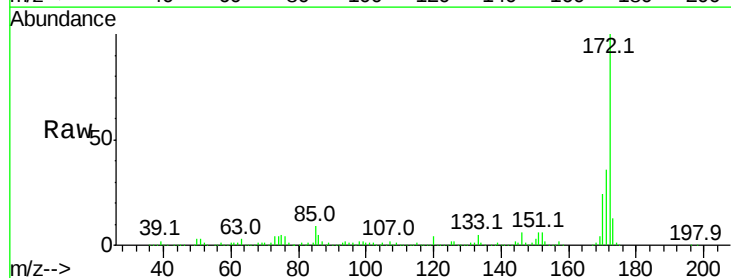
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

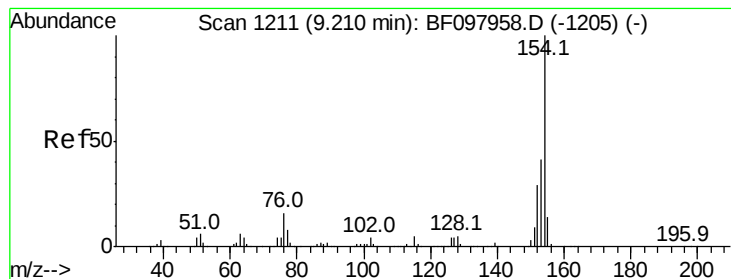
Tot Ion:	196	Resp:	174086
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	66.1	47.7	71.5
132	30.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 90.769 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:	172	Resp:	1142300
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.166 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

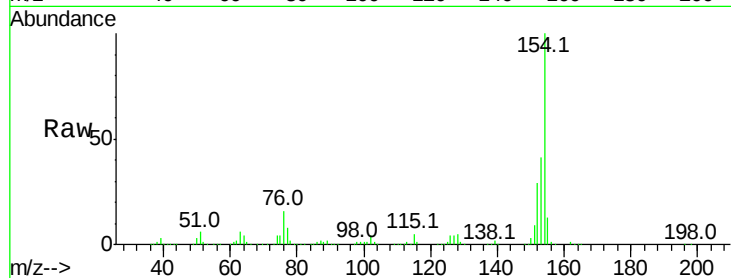
Tot Ion:154 Resp: 677218

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

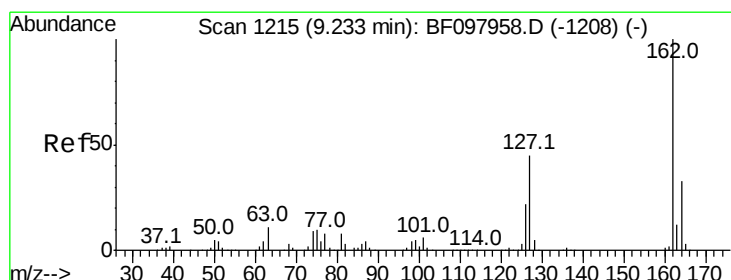
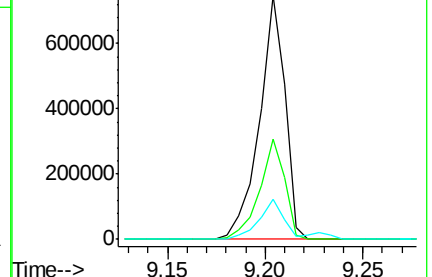
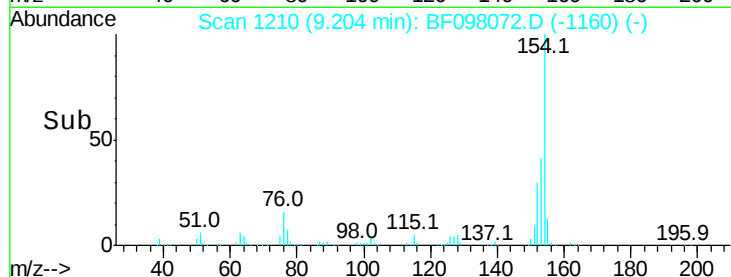
76 16.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.610 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

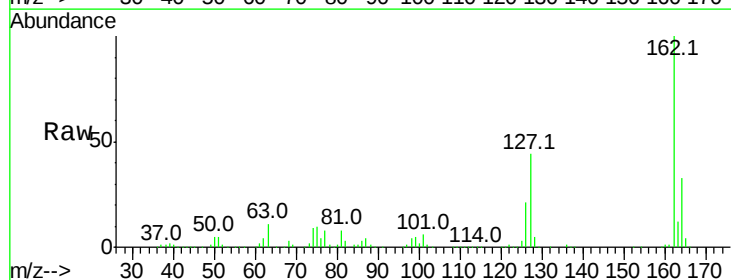
Tgt Ion:162 Resp: 505917

Ion Ratio Lower Upper

162 100

127 44.3 28.3 42.5#

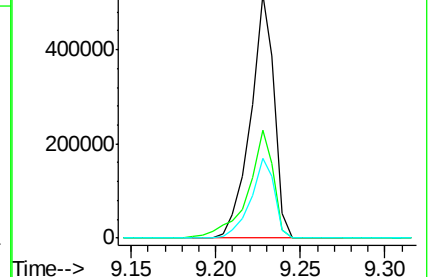
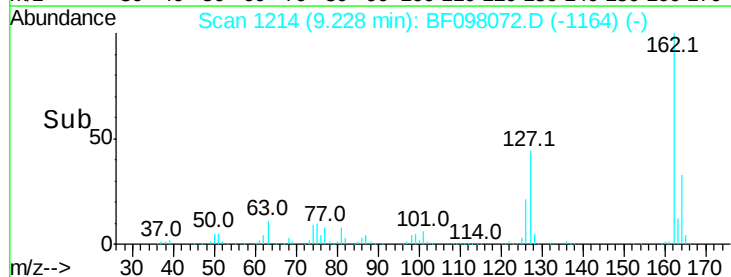
164 32.7 27.0 40.4

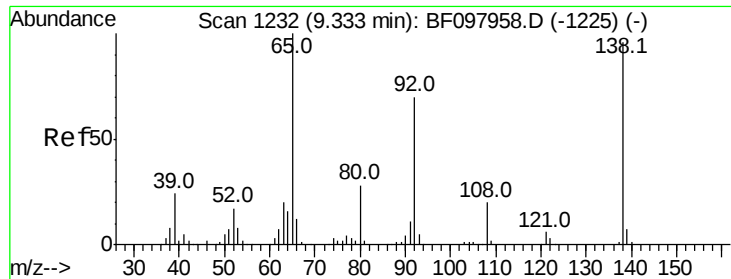


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

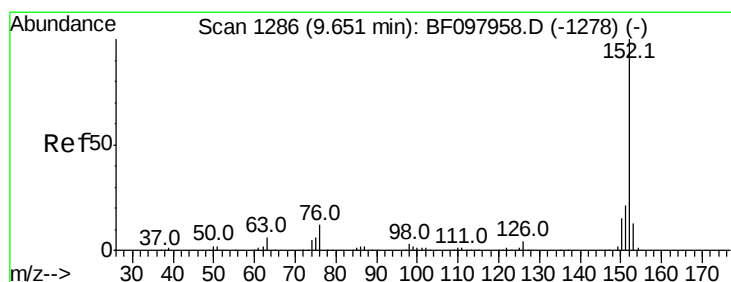
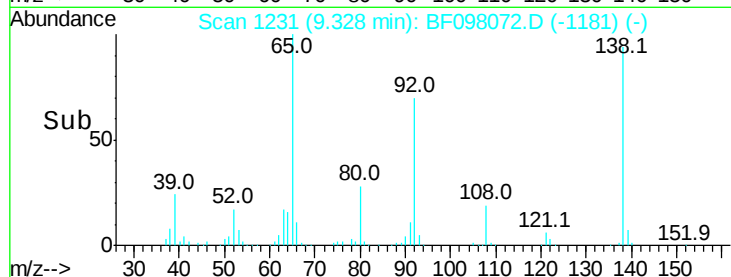
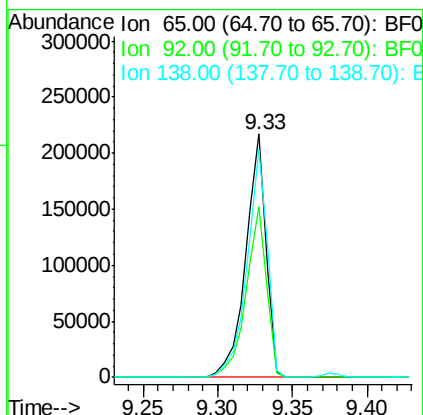
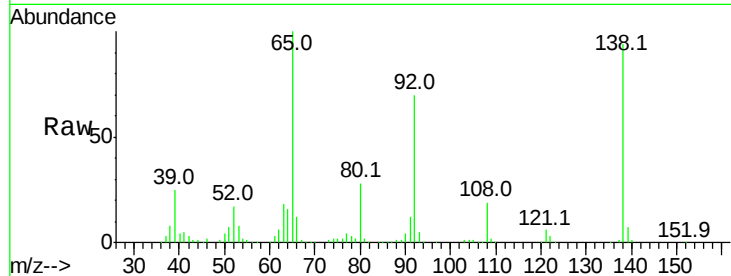




#47
2-Nitroaniline
Concen: 48.804 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

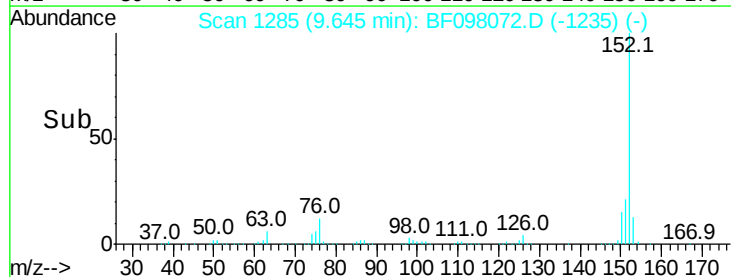
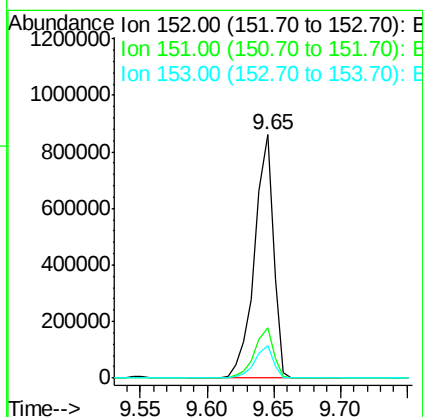
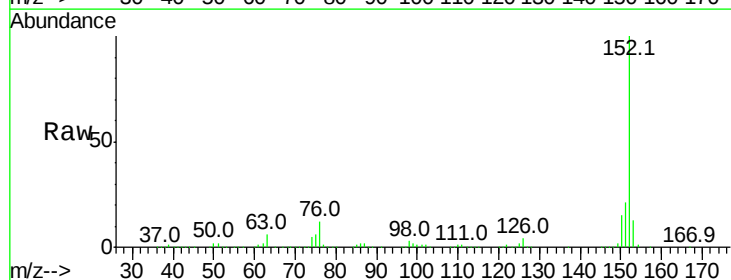
Instrument :
BNA_F
ClientSampleId :
PB101862BS

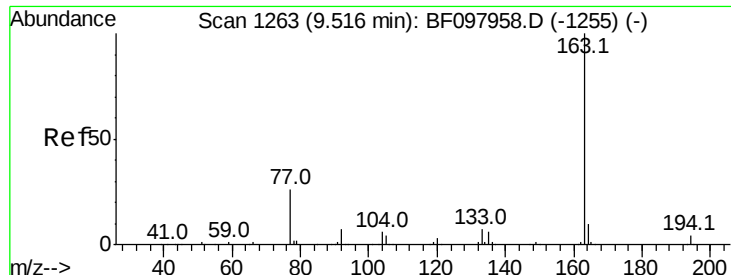
Tot Ion: 65 Resp: 203826
Ion Ratio Lower Upper
65 100
92 70.0 53.9 80.9
138 93.6 78.8 118.2



#48
Acenaphthylene
Concen: 42.543 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:152 Resp: 832282
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.2 10.8 16.2

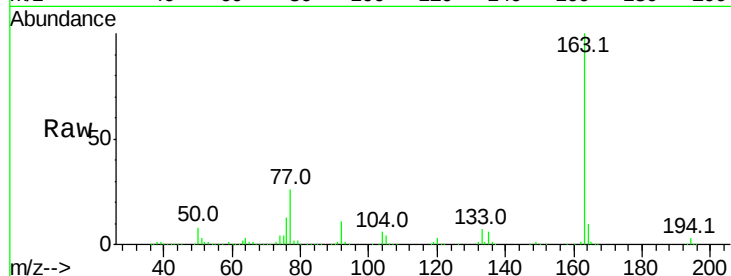




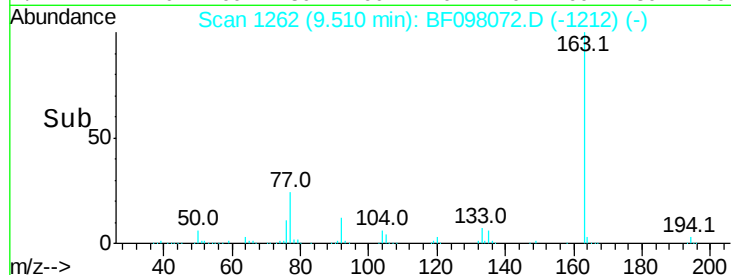
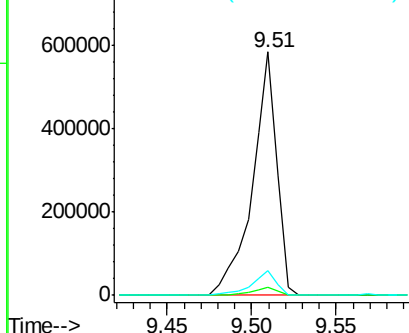
#49
Dimethylphthalate
Concen: 43.625 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

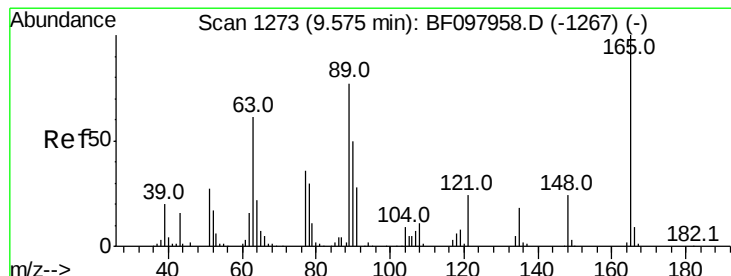


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

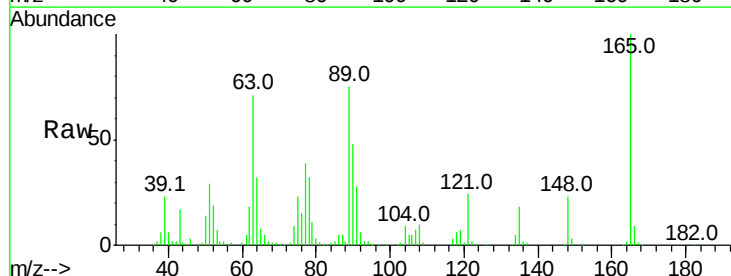
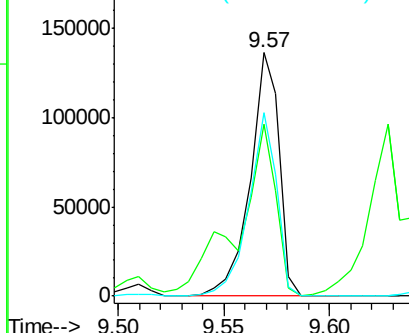


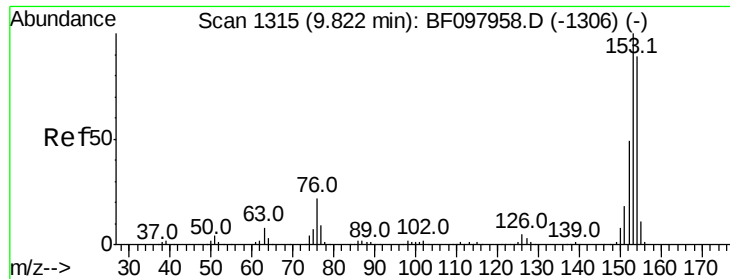
#50
2,6-Dinitrotoluene
Concen: 48.191 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.8	34.3	51.5#
89	75.3	37.1	55.7#



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





#51

Acenaphthene

Concen: 39.675 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

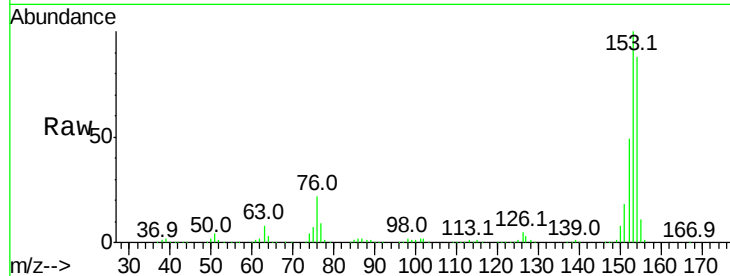
Tot Ion:154 Resp: 489518

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

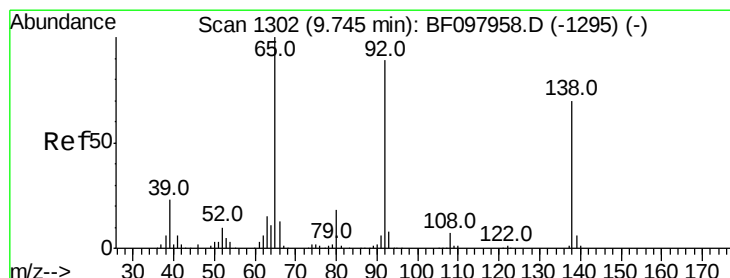
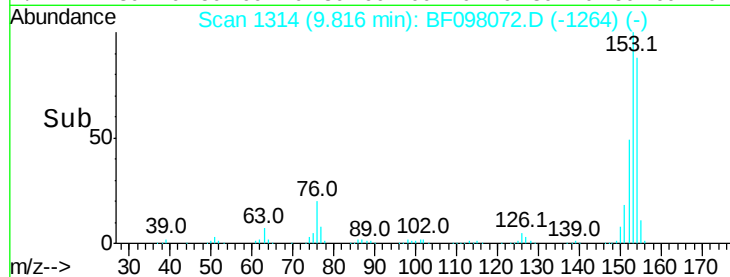
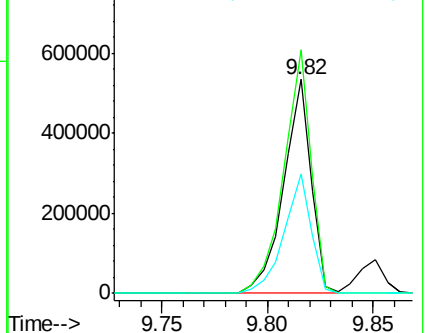
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.865 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

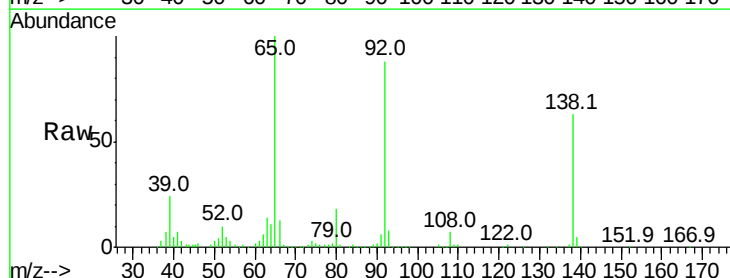
Tgt Ion:138 Resp: 103949

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

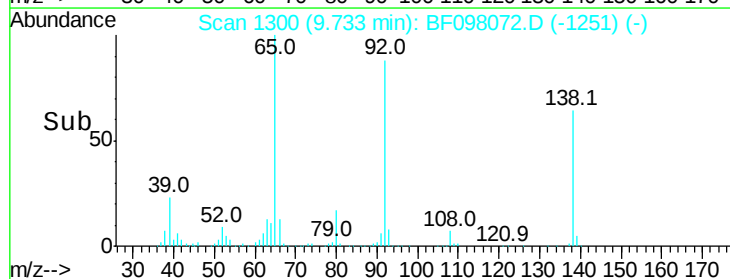
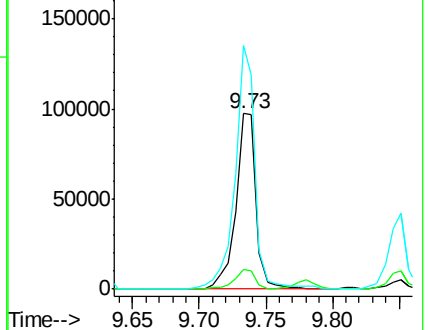
92 139.0 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

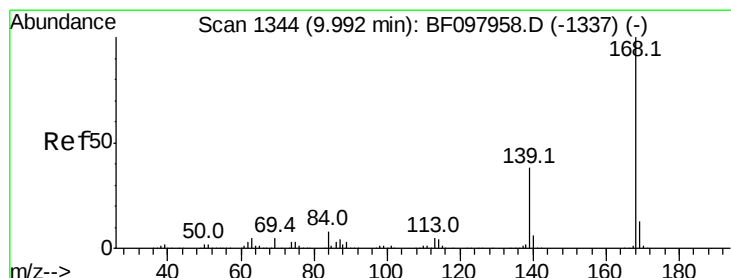
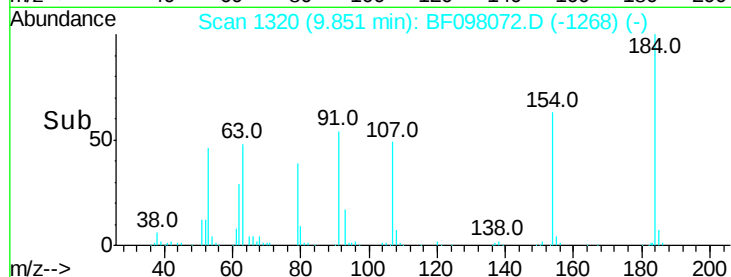
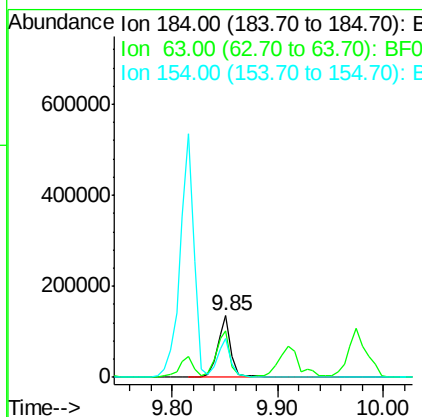
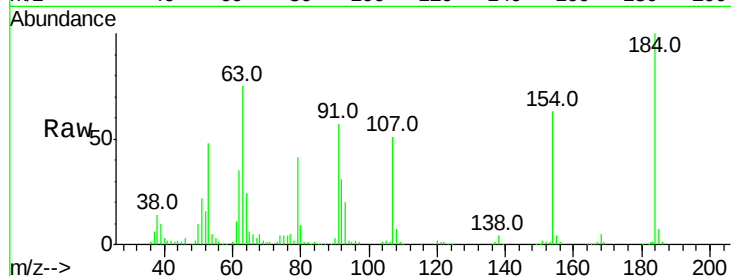




#53
 2,4-Dinitrophenol
 Concen: 94.079 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

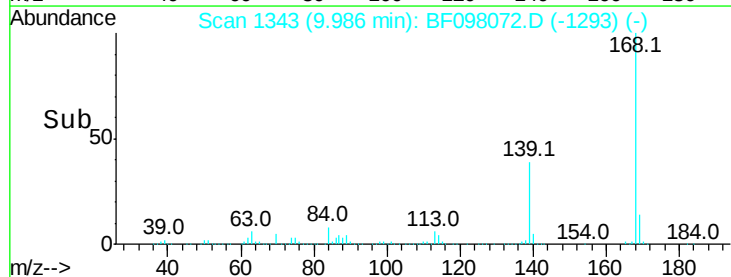
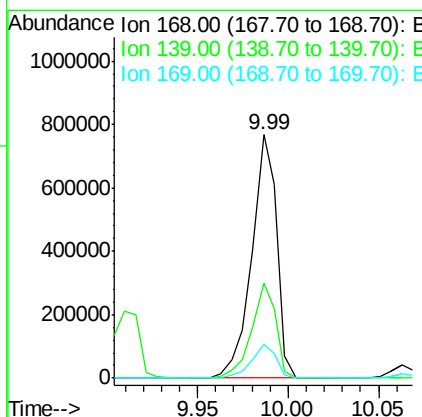
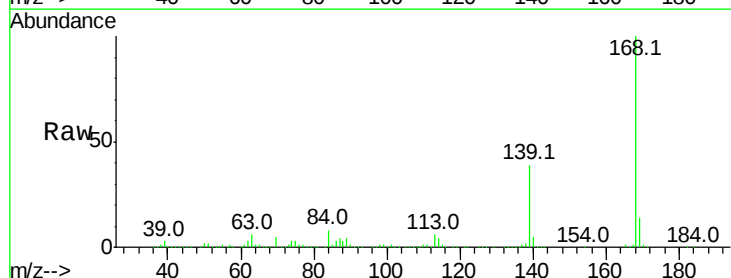
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

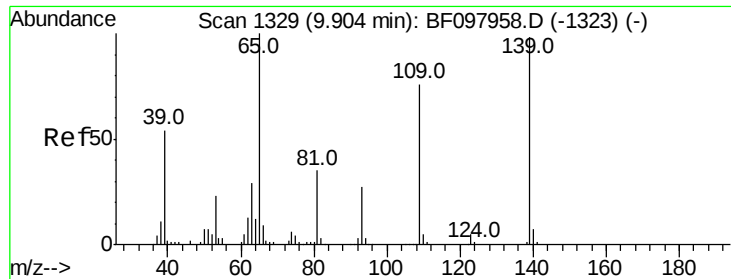
Tot Ion:184 Resp: 123353
 Ion Ratio Lower Upper
 184 100
 63 74.7 62.7 94.1
 154 63.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.341 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:168 Resp: 733227
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.6 10.8 16.2

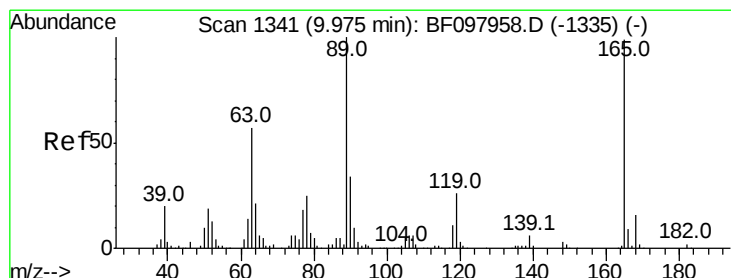
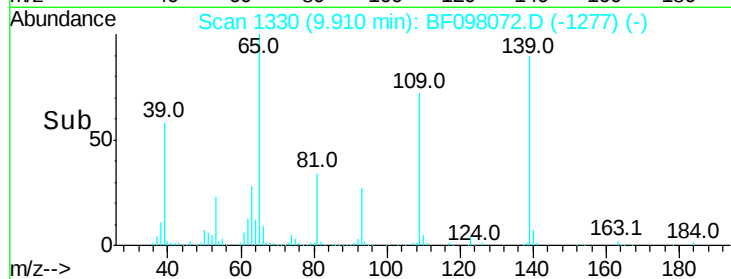
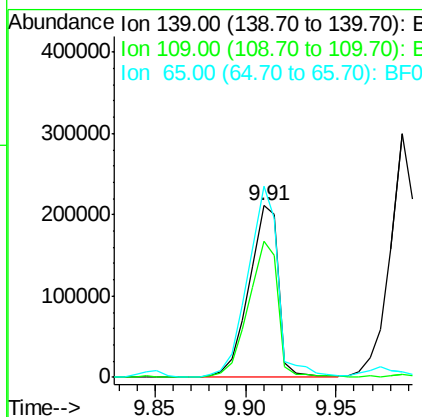
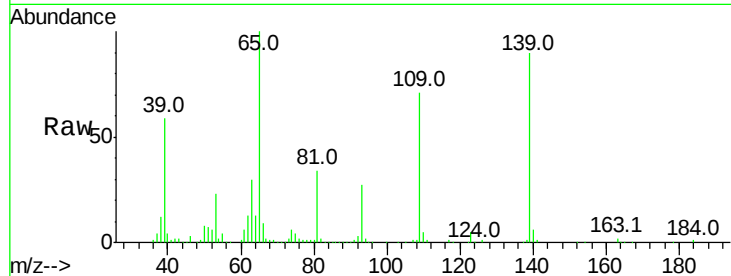




#55
4-Nitrophenol
Concen: 86.550 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

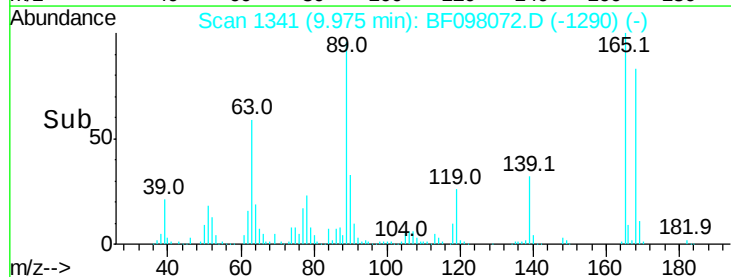
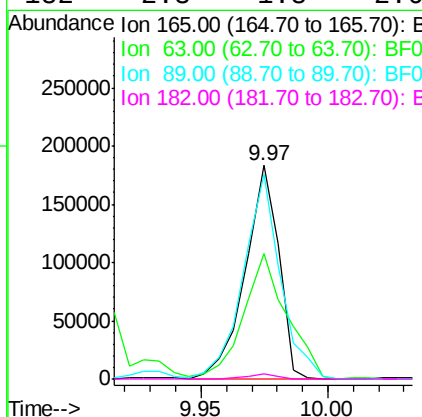
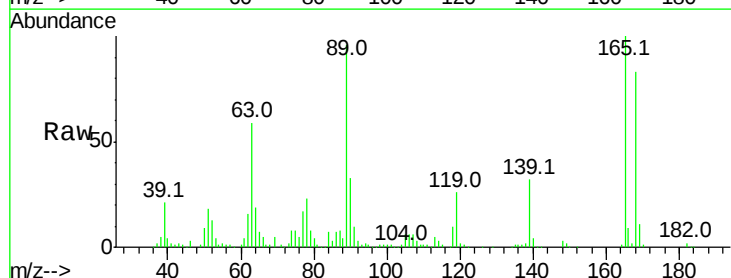
Instrument :
BNA_F
ClientSampleId :
PB101862BS

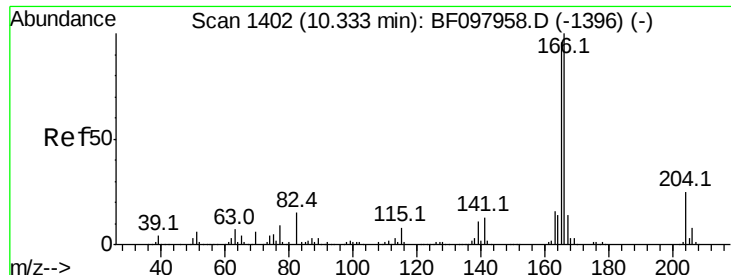
Tot Ion:139 Resp: 240311
Ion Ratio Lower Upper
139 100
109 79.6 34.1 74.1#
65 111.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.965 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:165 Resp: 169162
Ion Ratio Lower Upper
165 100
63 58.9 25.4 38.0#
89 96.0 46.4 69.6#
182 2.3 1.8 2.6

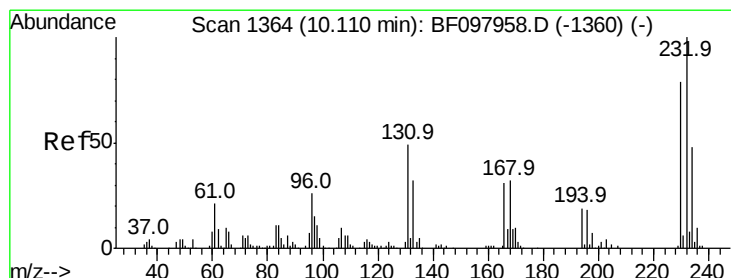
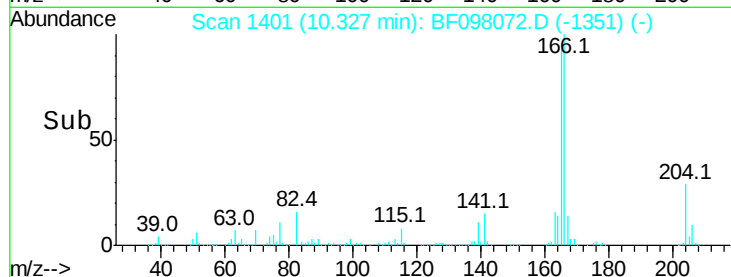
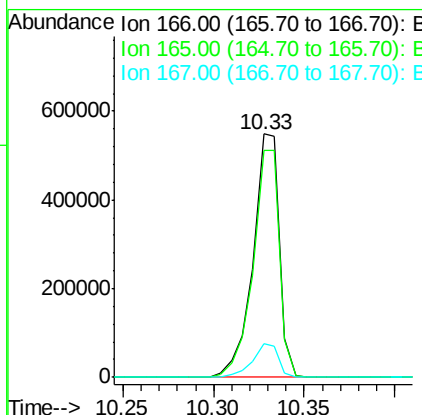
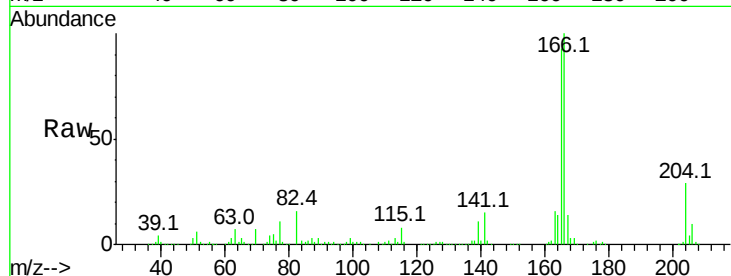




#57
 Fluorene
 Concen: 43.282 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

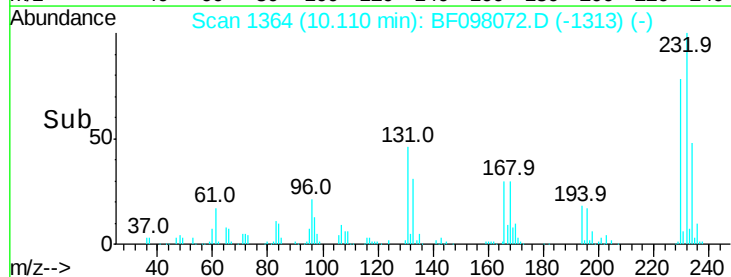
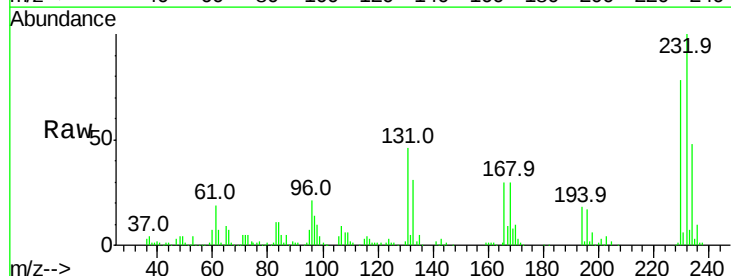
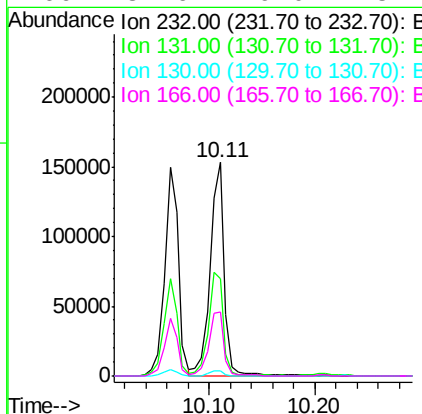
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

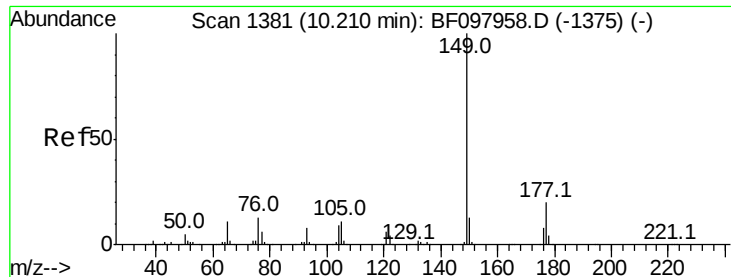
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.8	118.2
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.020 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.6	2.3	3.5
166	32.6	29.0	43.4

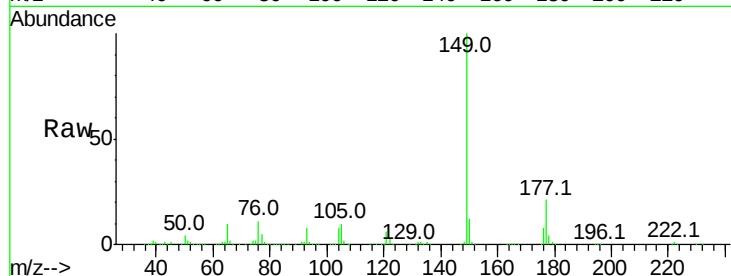




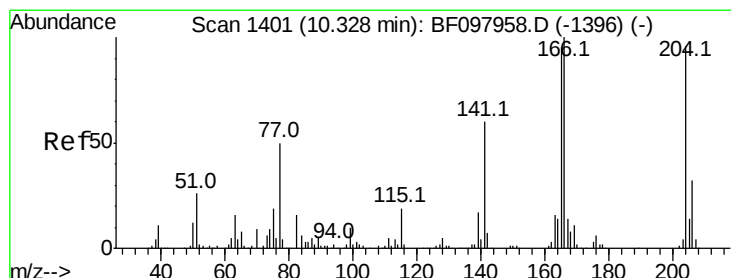
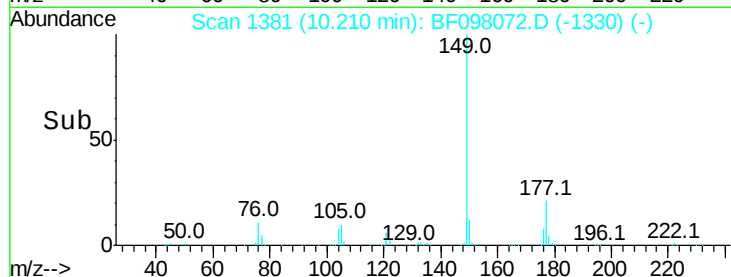
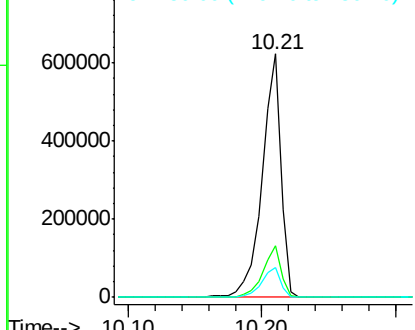
#59
Diethylphthalate
Concen: 42.539 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.0	10.2	15.2

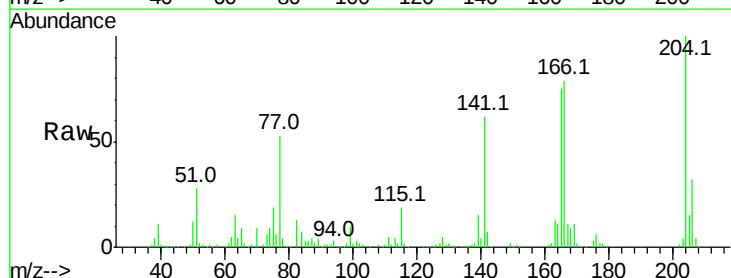


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

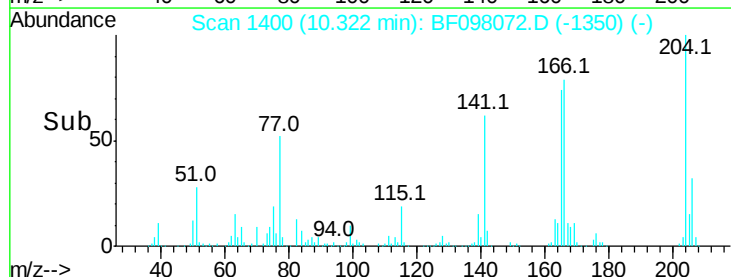
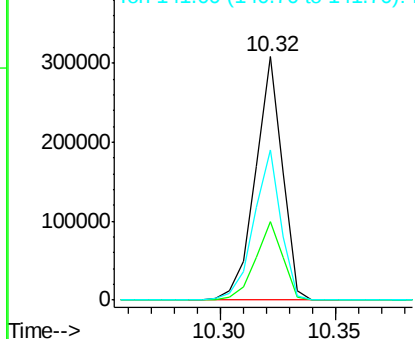


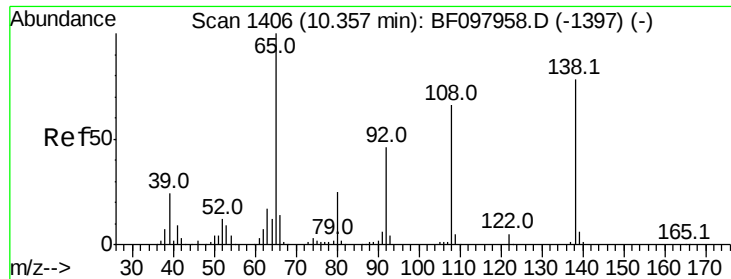
#60
4-Chlorophenyl-phenylether
Concen: 42.428 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	61.8	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

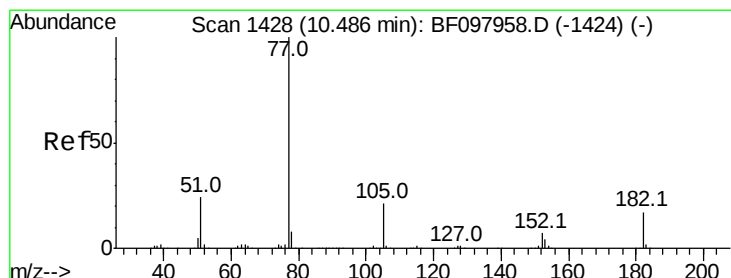
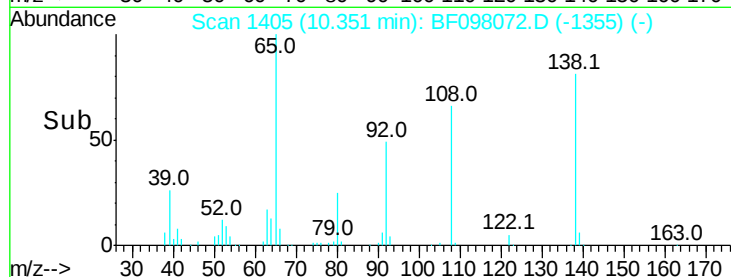
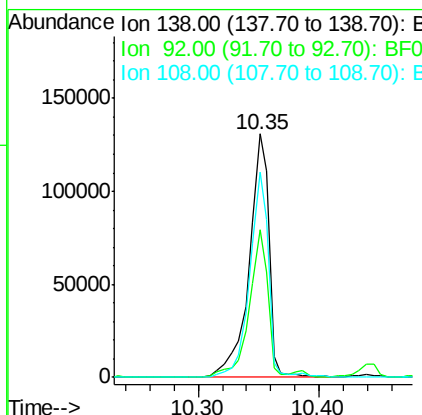
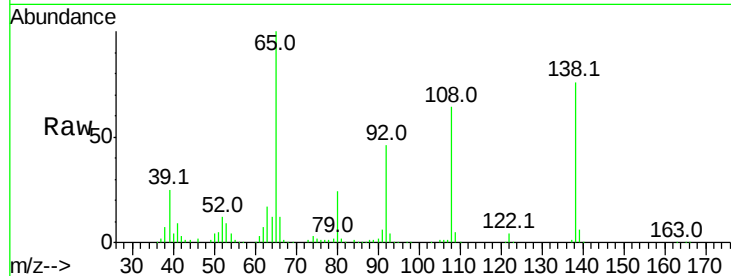




#61
 4-Nitroaniline
 Concen: 45.620 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

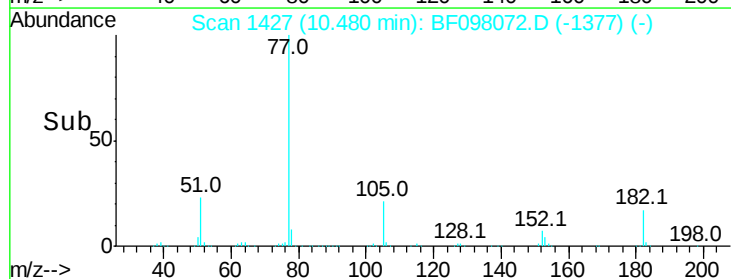
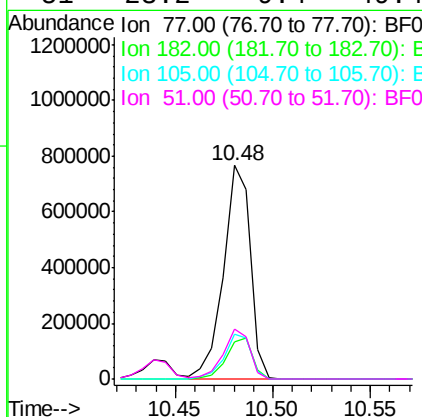
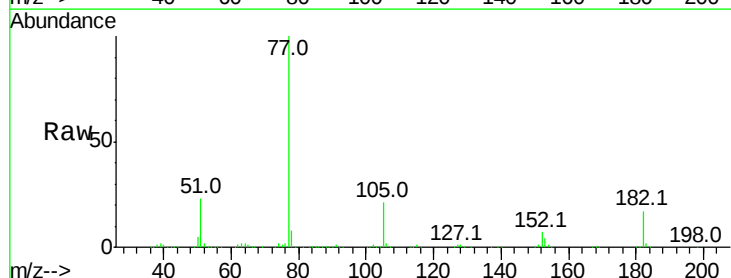
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

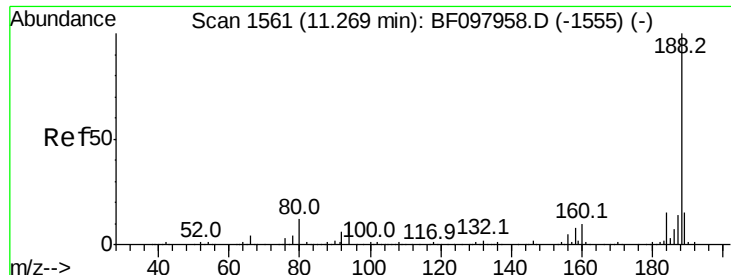
Tot Ion:138 Resp: 150916
 Ion Ratio Lower Upper
 138 100
 92 60.4 21.8 61.8
 108 84.5 42.3 82.3#



#62
 Azobenzene
 Concen: 43.471 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion: 77 Resp: 729797
 Ion Ratio Lower Upper
 77 100
 182 17.2 0.1 40.1
 105 21.2 3.6 43.6
 51 23.2 9.4 49.4

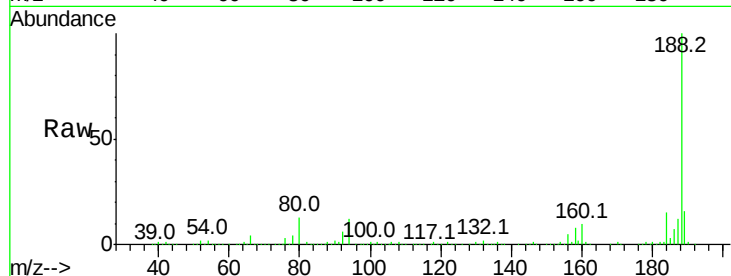




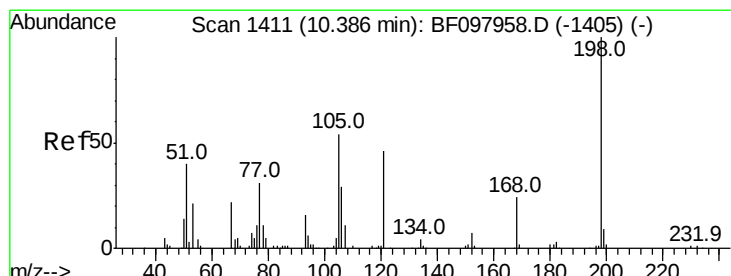
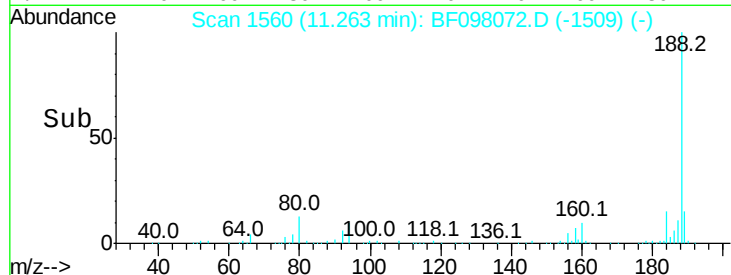
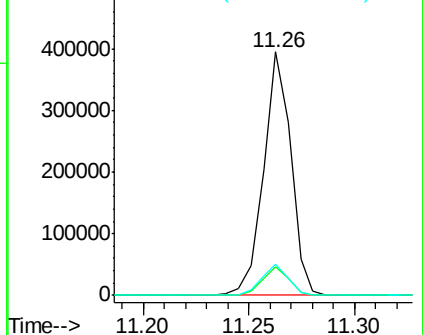
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion:188 Resp: 355345
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.8 10.2 15.2

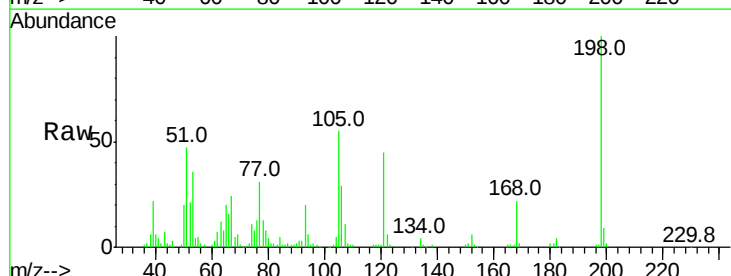


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

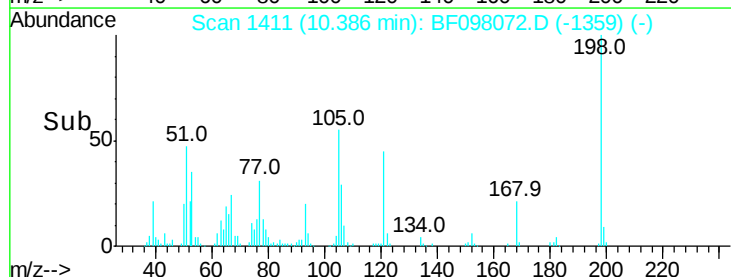
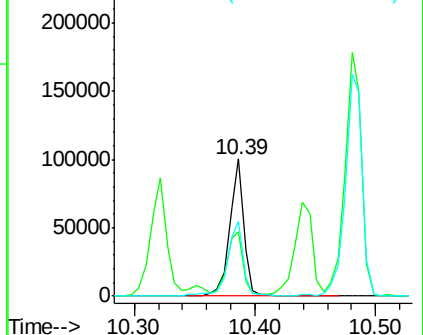


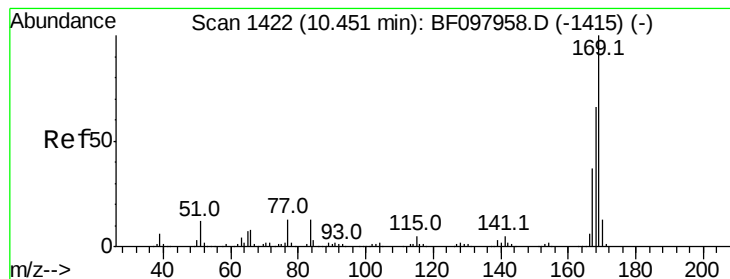
#64
4,6-Dinitro-2-methylphenol
Concen: 49.010 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:198 Resp: 82421
Ion Ratio Lower Upper
198 100
51 47.4 53.2 93.2#
105 55.0 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 41.503 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

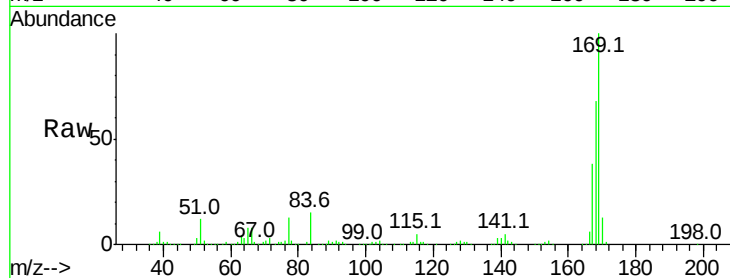
Tot Ion:169 Resp: 502213

Ion Ratio Lower Upper

169 100

168 68.0 53.2 79.8

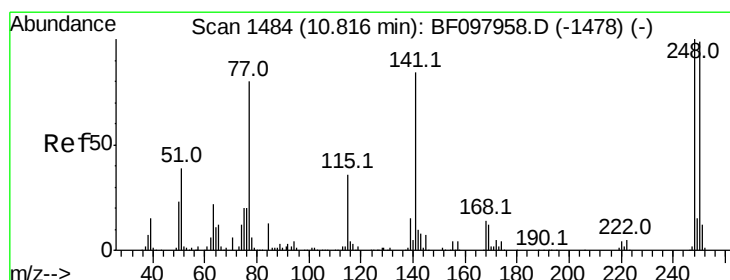
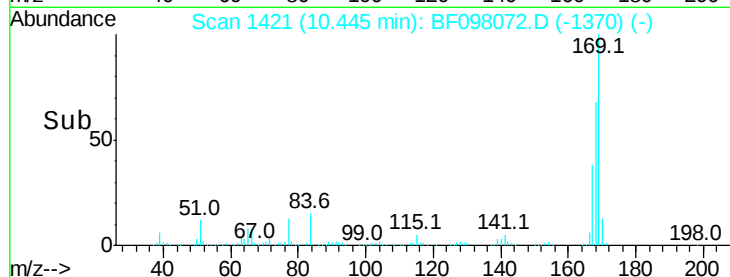
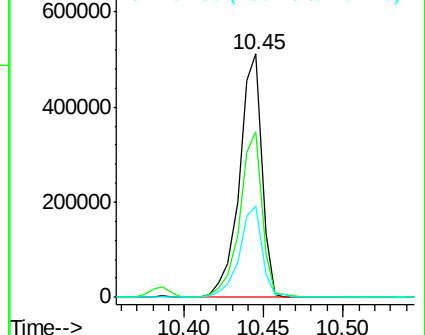
167 37.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.204 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

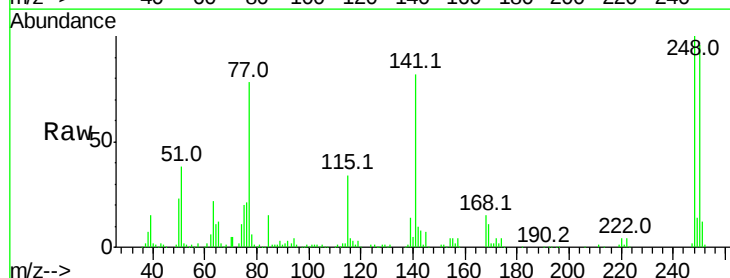
Tgt Ion:248 Resp: 155734

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

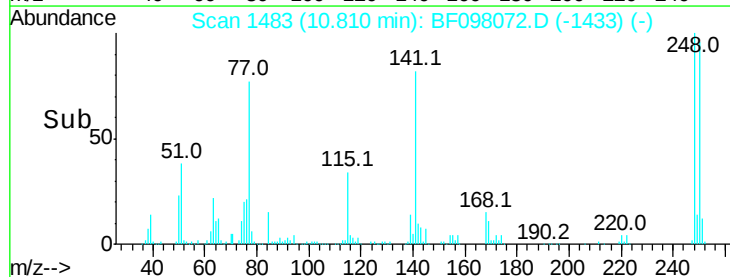
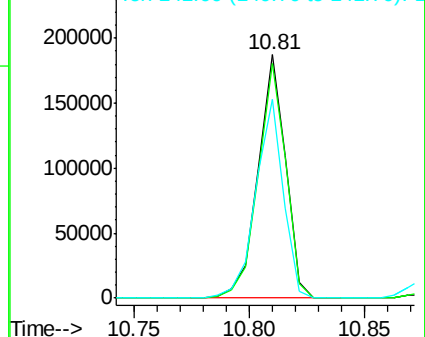
141 81.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

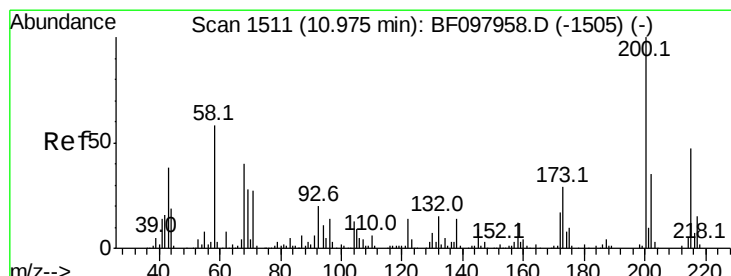
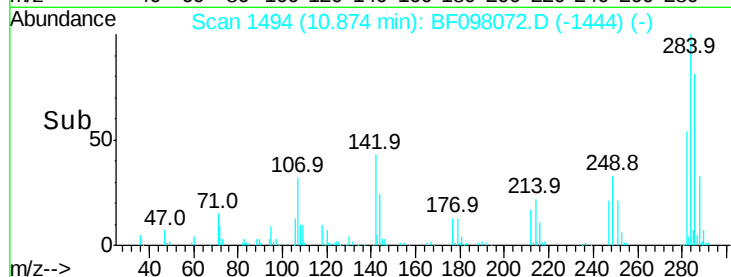
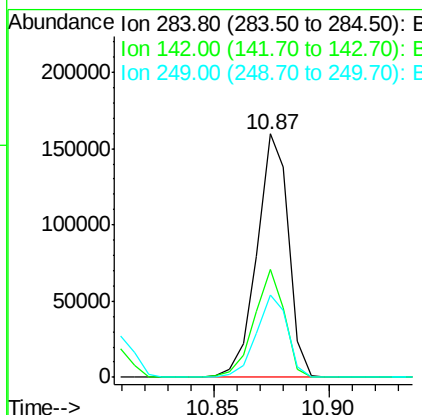
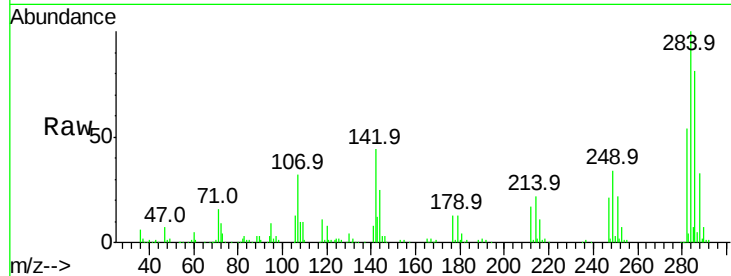




#67
Hexachlorobenzene
Concen: 40.352 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

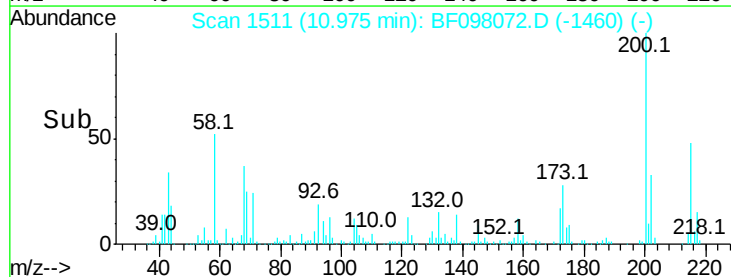
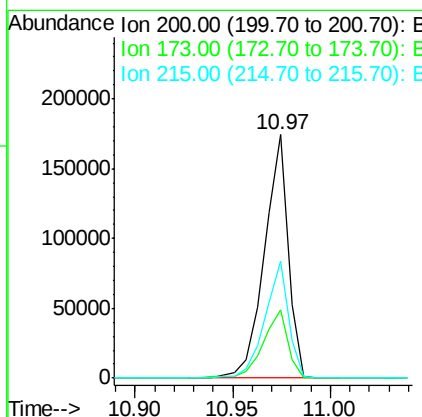
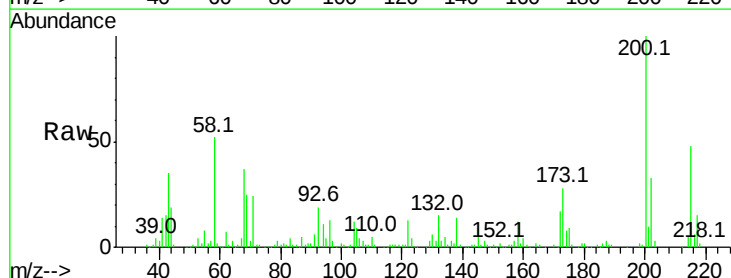
Instrument :
BNA_F
ClientSampleId :
PB101862BS

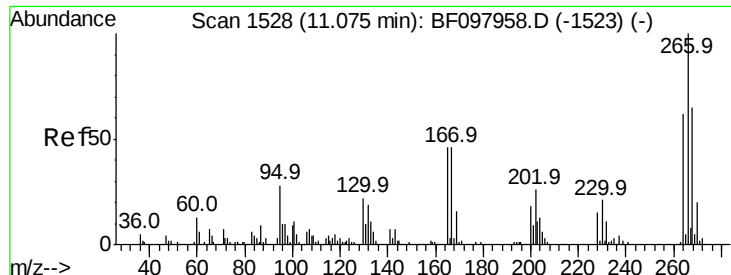
Tot Ion:284 Resp: 151768
Ion Ratio Lower Upper
284 100
142 44.3 22.8 34.2#
249 33.9 24.0 36.0



#68
Atrazine
Concen: 45.924 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:200 Resp: 147374
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 48.3 27.2 67.2

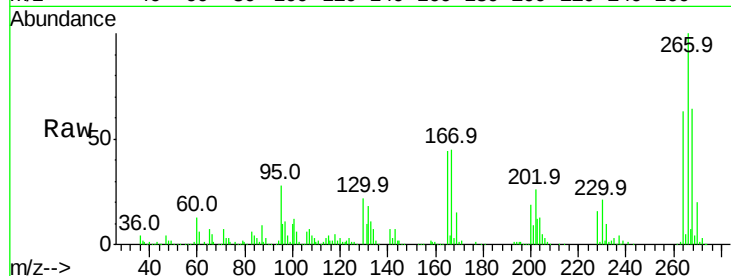




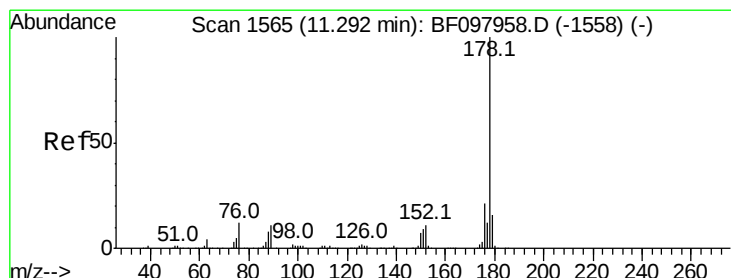
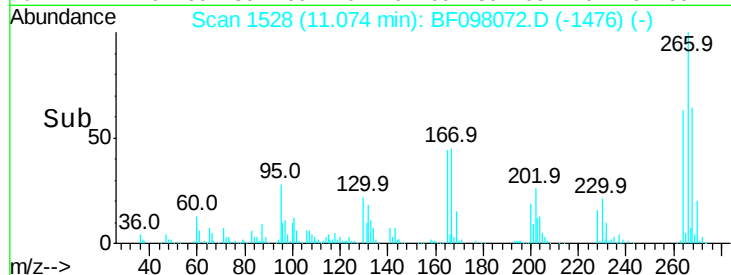
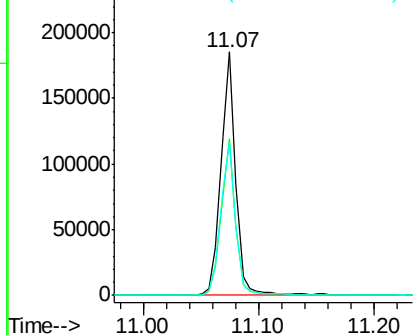
#69
 Pentachlorophenol
 Concen: 75.582 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	62.9	51.7	77.5

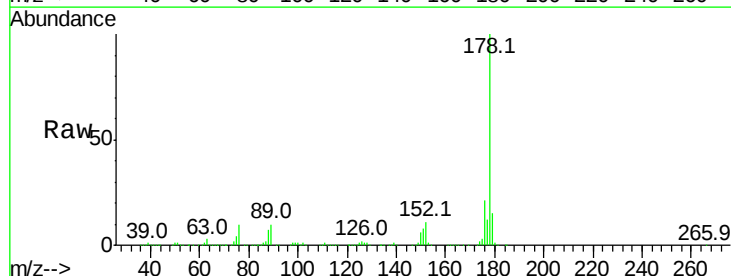


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

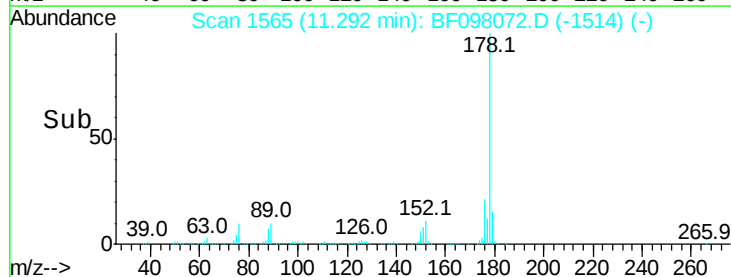
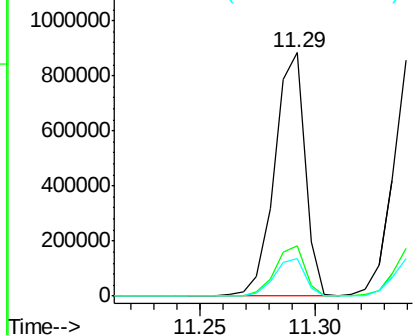


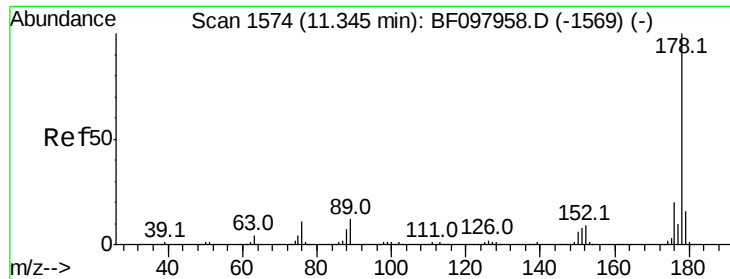
#70
 Phenanthrene
 Concen: 42.648 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.3	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

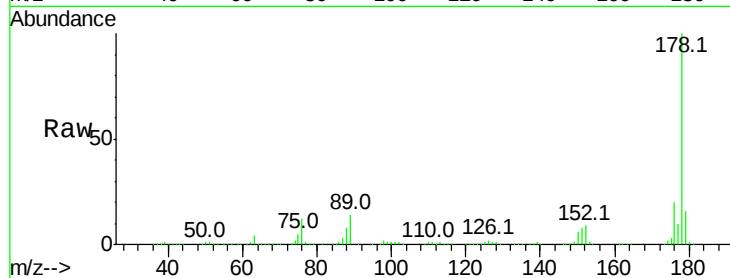




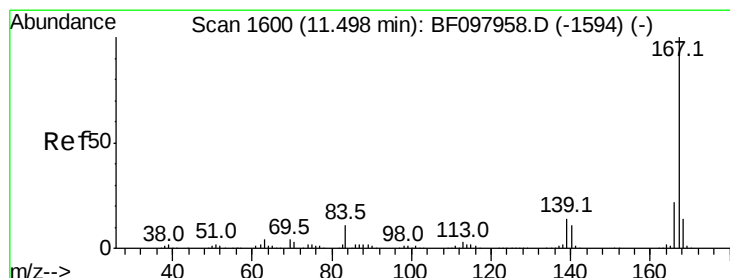
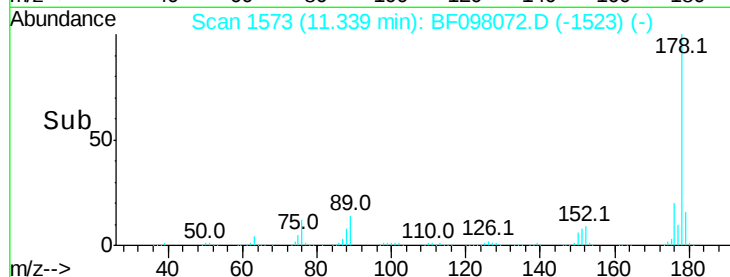
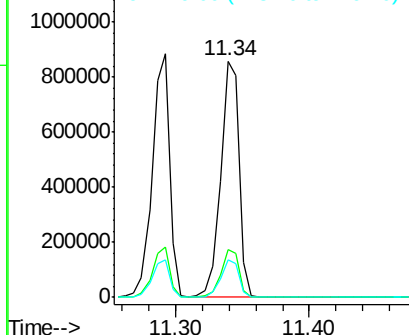
#71
 Anthracene
 Concen: 43.528 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

Tot Ion:178 Resp: 835974
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.9 12.7 19.1

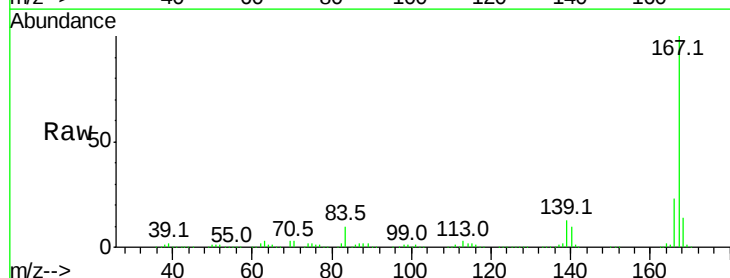


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

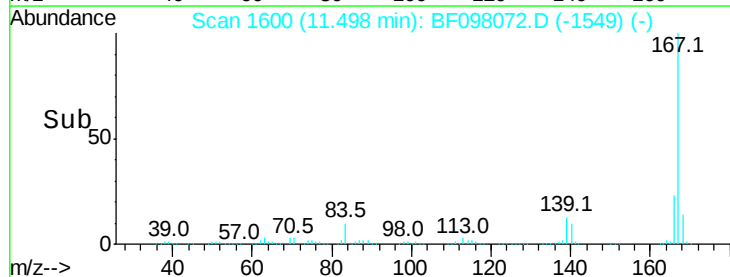
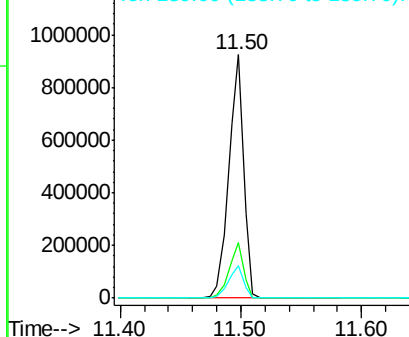


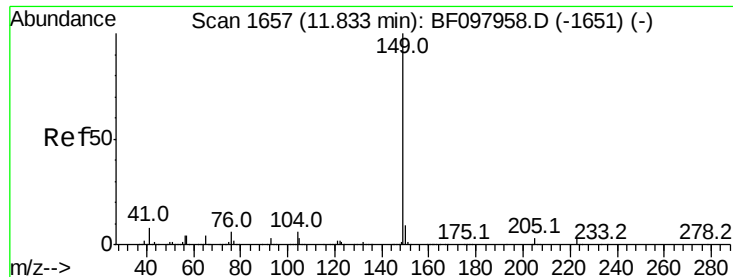
#72
 Carbazole
 Concen: 43.464 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:167 Resp: 792358
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

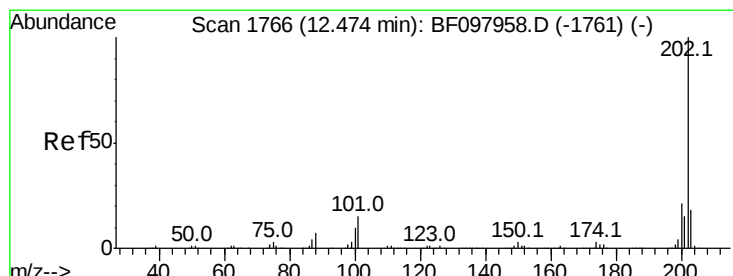
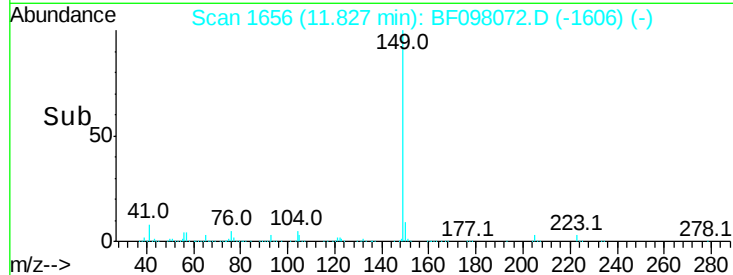
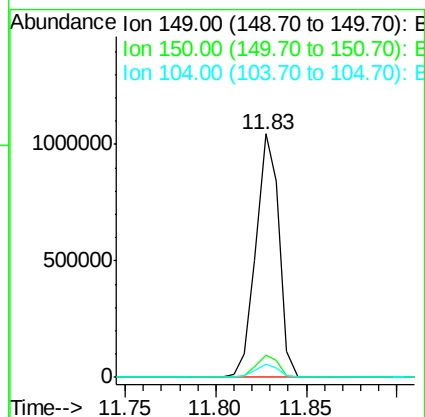
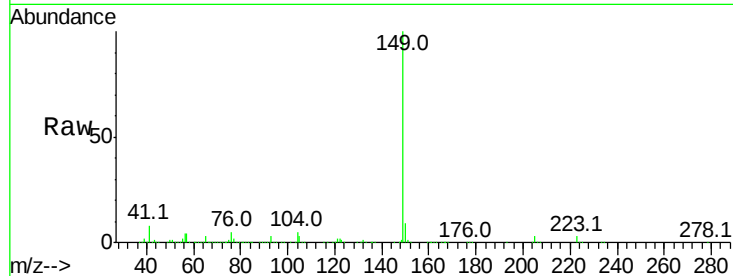




#73
Di-n-butylphthalate
Concen: 44.093 ng
RT: 11.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

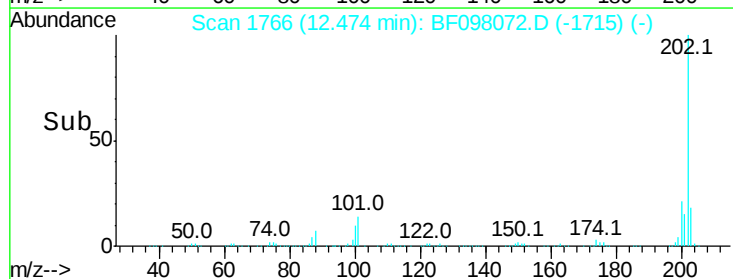
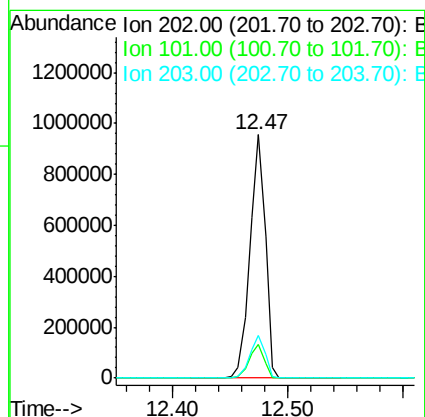
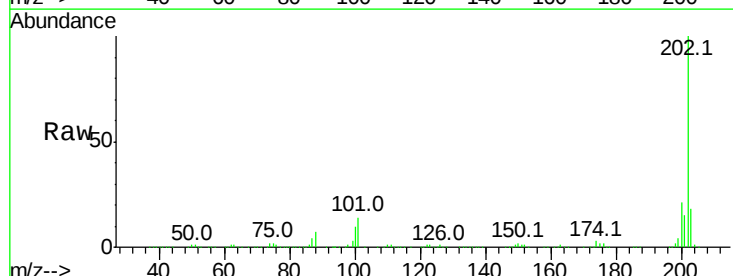
Instrument :
BNA_F
ClientSampleId :
PB101862BS

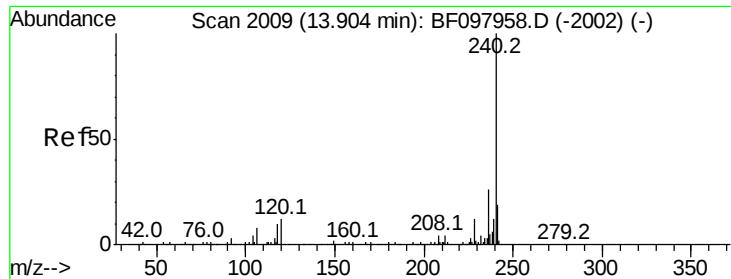
Tot Ion:149 Resp: 925884
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.4 4.0 6.0



#74
Fluoranthene
Concen: 44.335 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:202 Resp: 876232
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

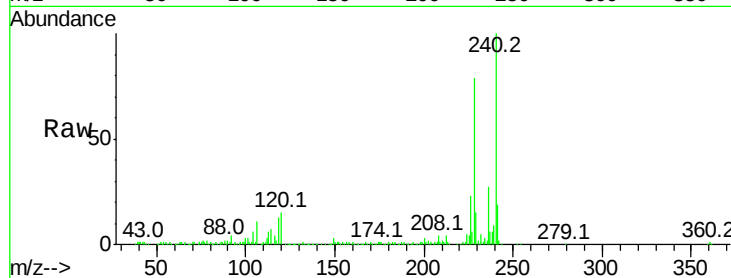
Tot Ion:240 Resp: 280253

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

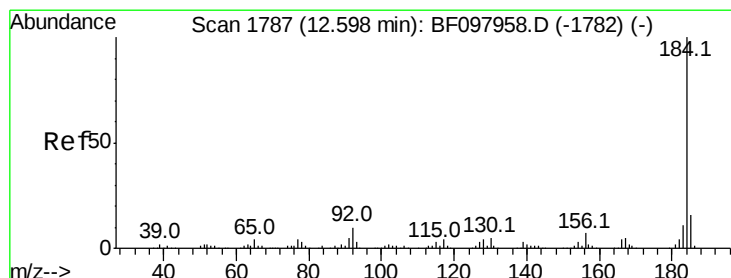
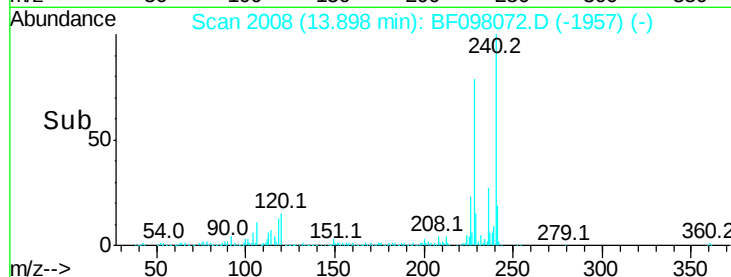
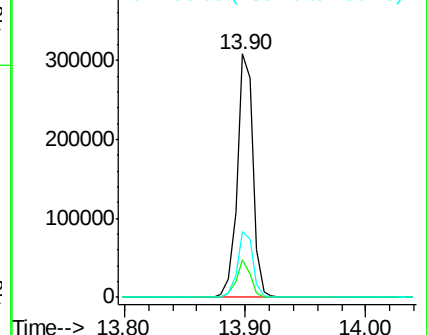
236 26.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.917 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

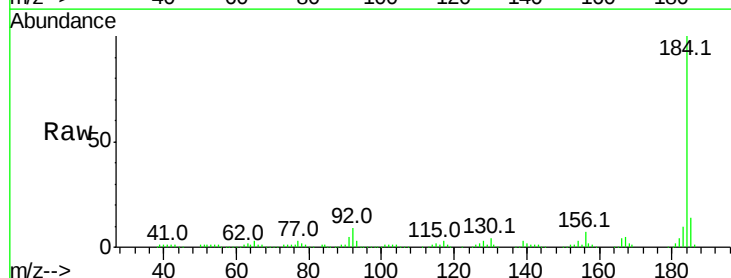
Tgt Ion:184 Resp: 256529

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

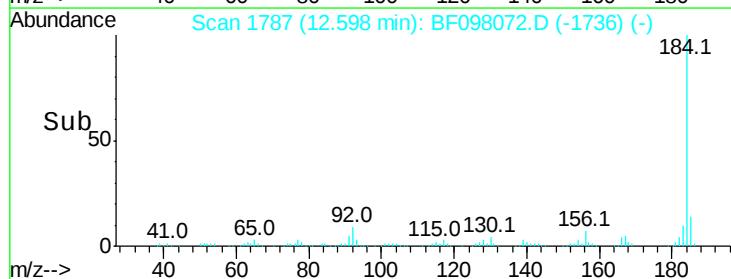
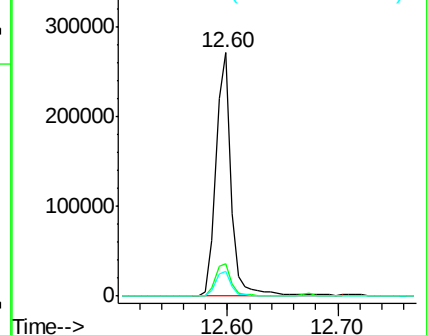
183 10.2 9.8 14.6

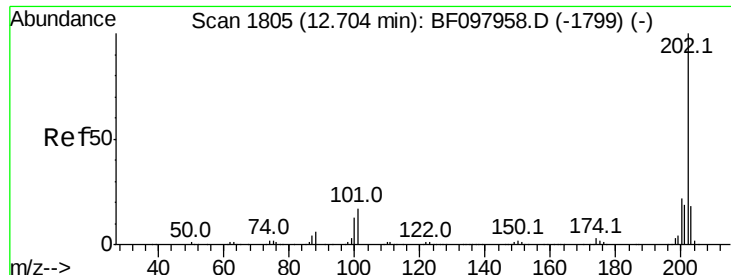


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

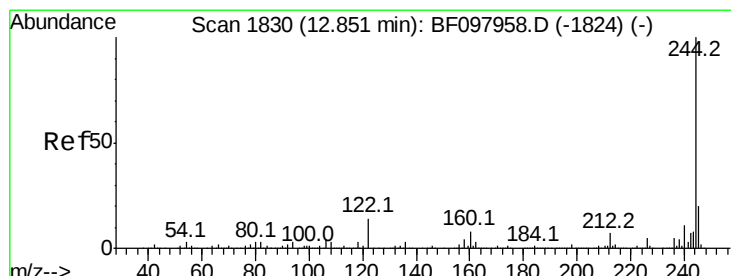
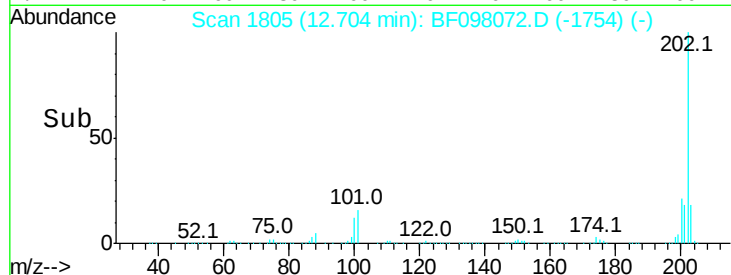
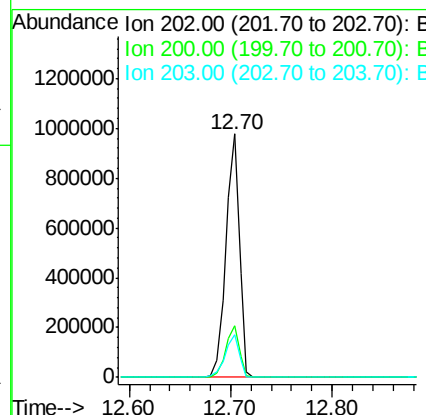
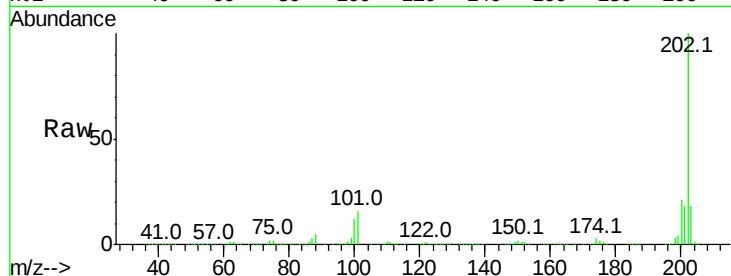




#77
Pvrene
Concen: 39.216 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

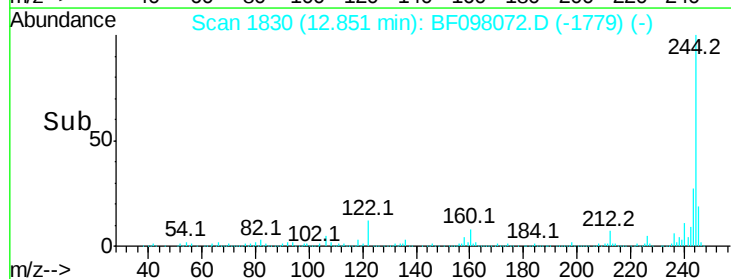
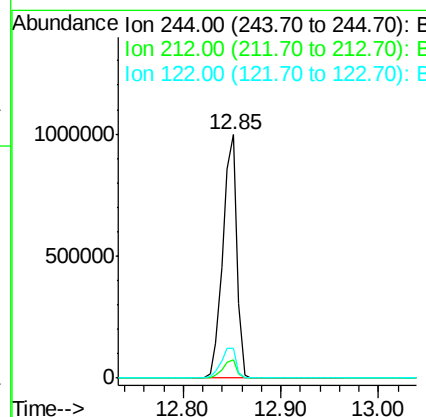
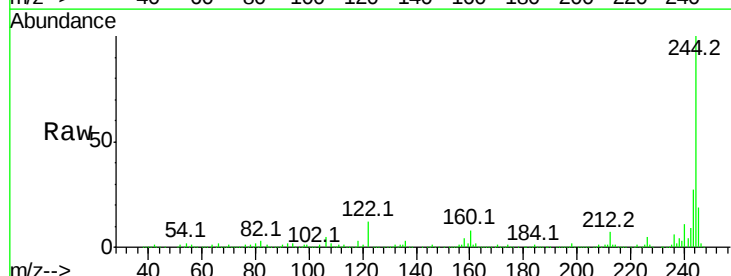
Instrument :
BNA_F
ClientSampleId :
PB101862BS

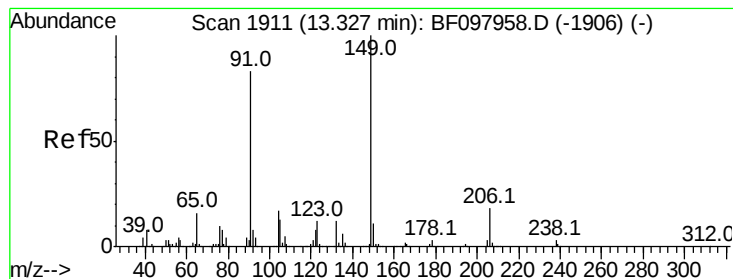
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6



#78
Terphenyl-d14
Concen: 73.512 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 45.145 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

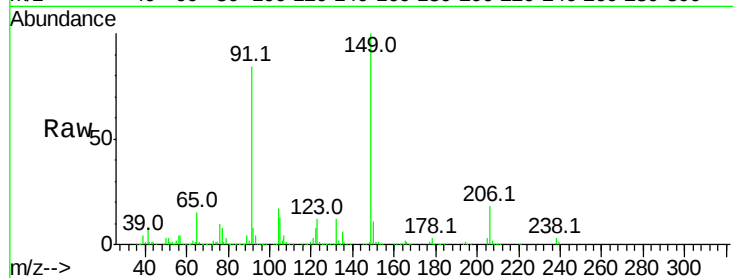
Tot Ion:149 Resp: 396742

Ion Ratio Lower Upper

149 100

91 84.4 45.0 67.4#

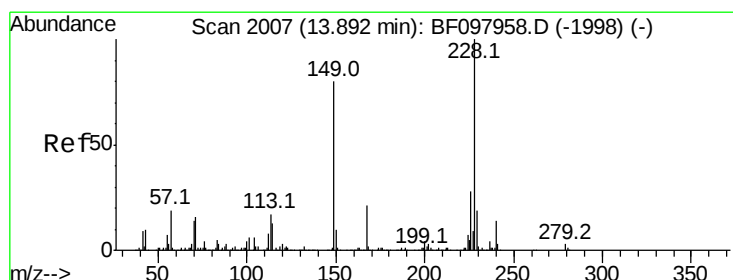
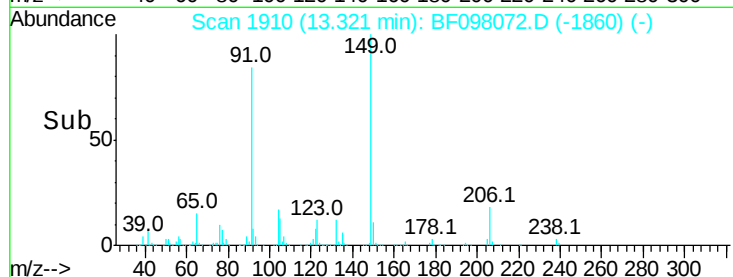
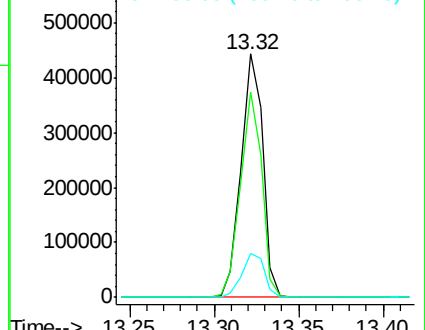
206 17.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.053 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

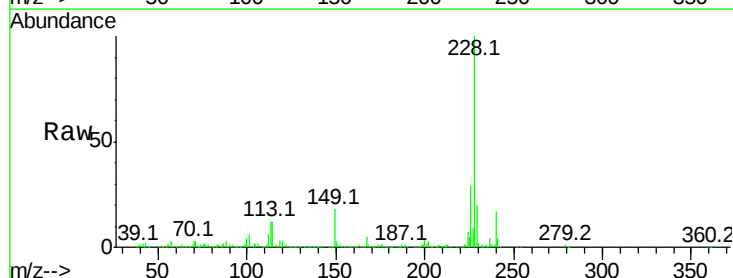
Tgt Ion:228 Resp: 689557

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

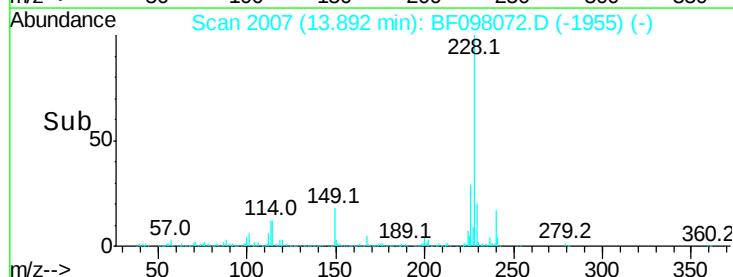
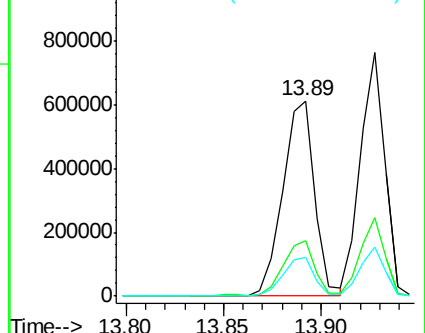
229 19.9 16.3 24.5

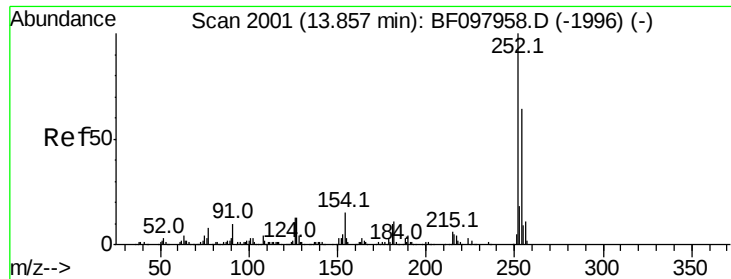


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

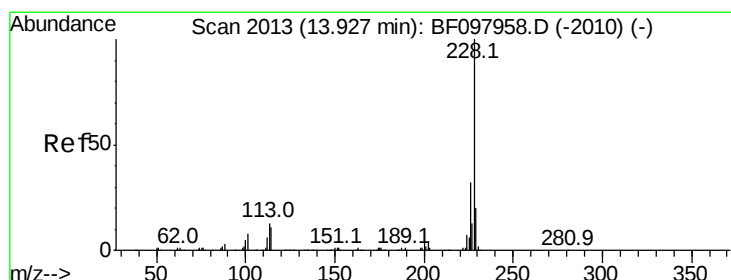
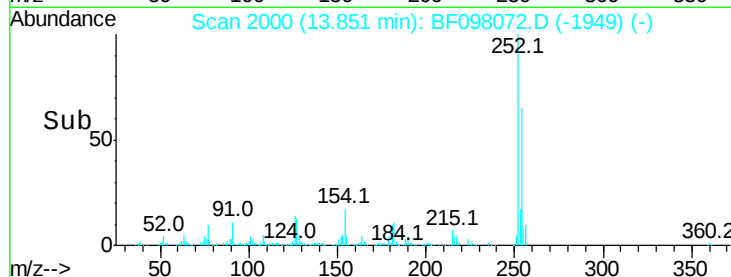
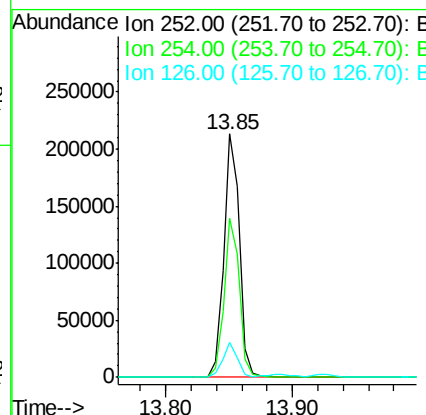
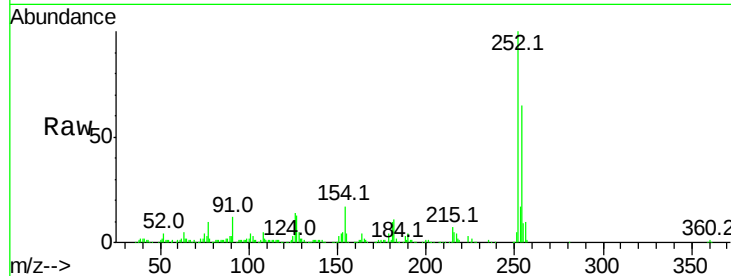




#81
 3,3'-Dichlorobenzidine
 Concen: 32.702 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

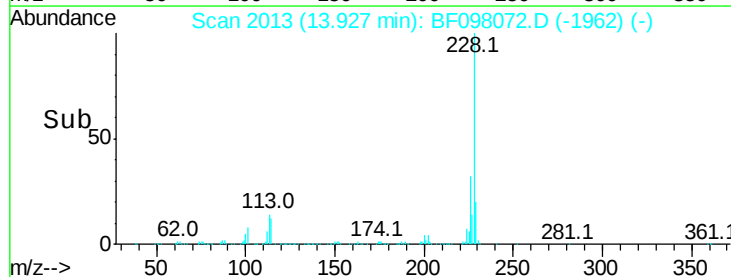
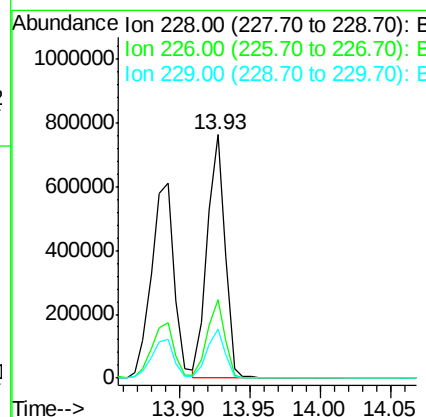
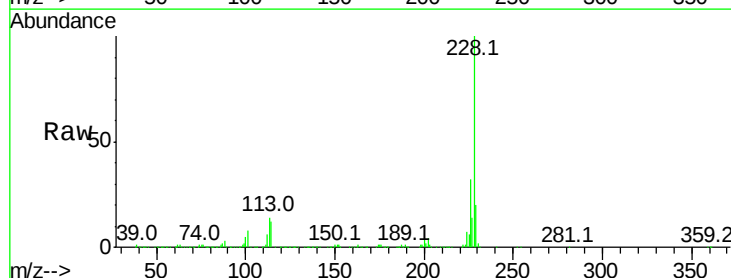
Instrument :
 BNA_F
 ClientSampled :
 PB101862BS

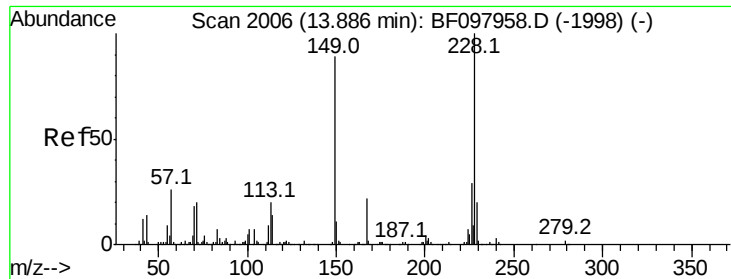
Tot Ion:252 Resp: 185353
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 14.2 15.8 23.8#



#82
 Chrysene
 Concen: 39.969 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:228 Resp: 667844
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.9 37.3
 229 20.2 15.8 23.6

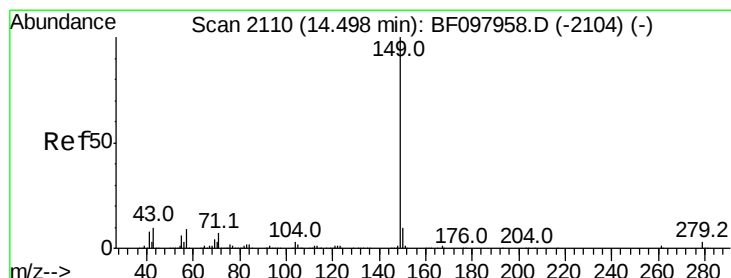
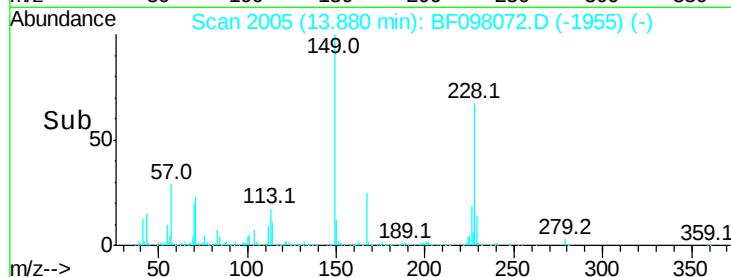
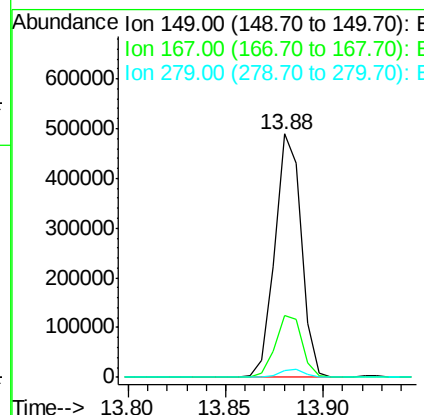
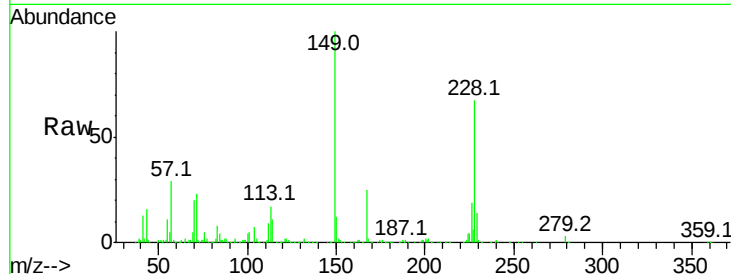




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.005 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

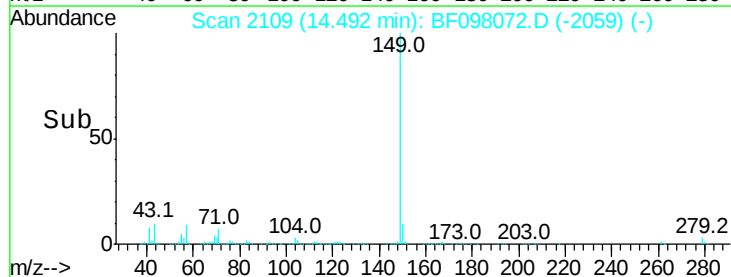
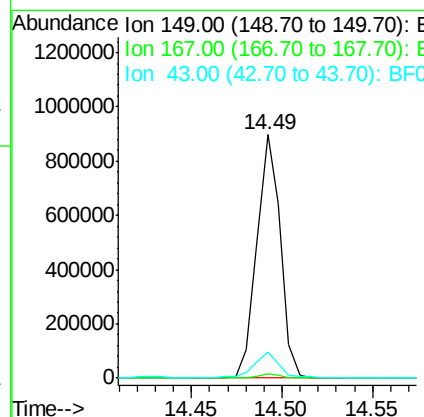
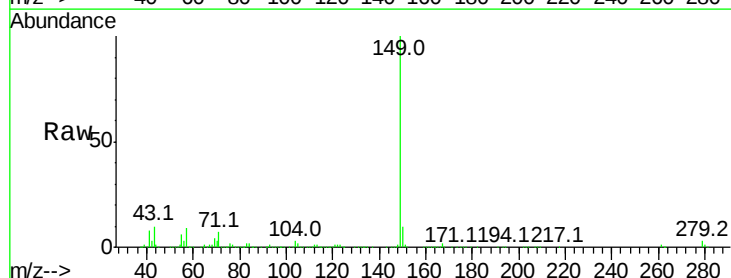
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

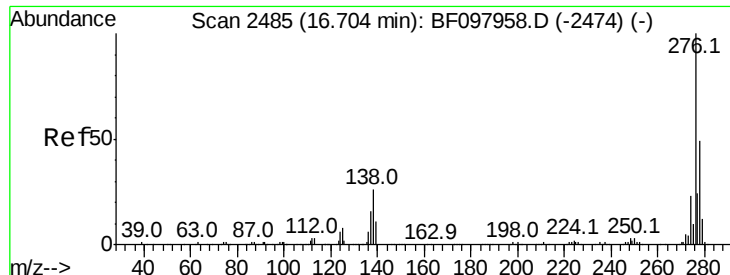
Tot Ion:149 Resp: 457749
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 47.601 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion:149 Resp: 806561
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7

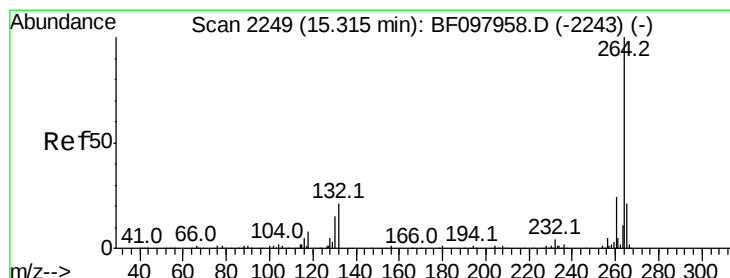
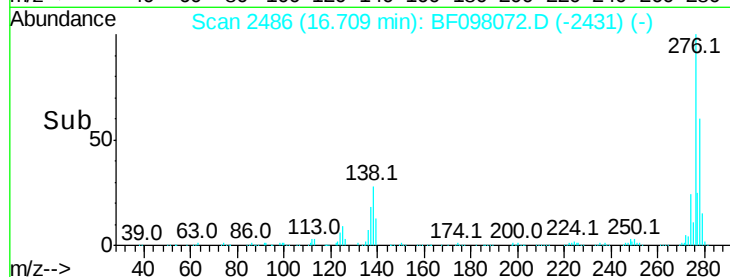
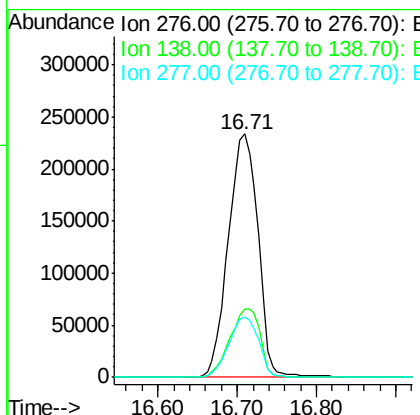
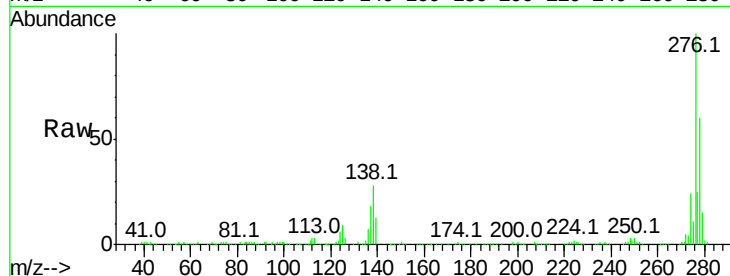




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.231 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.02 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

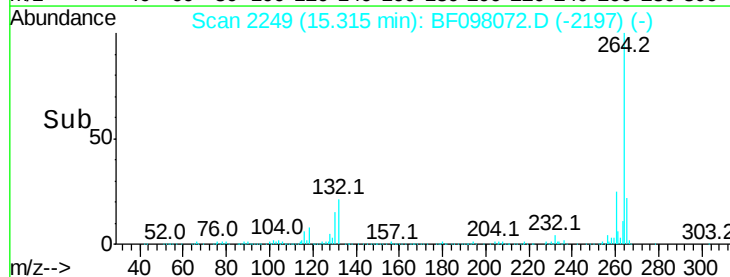
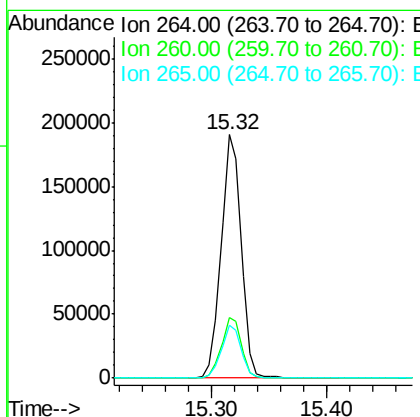
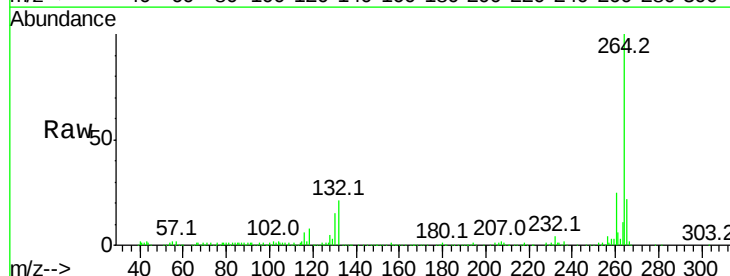
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BS

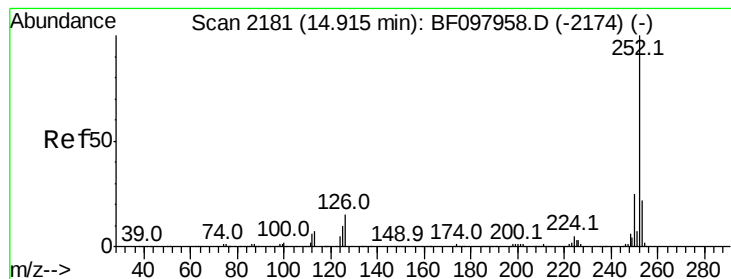
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098072.D
 Acq: 28 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.255 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

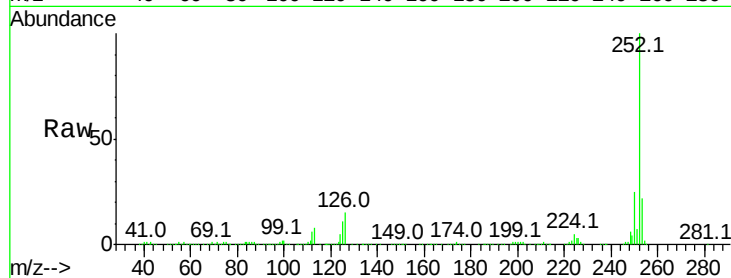
Tot Ion:252 Resp: 611075

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

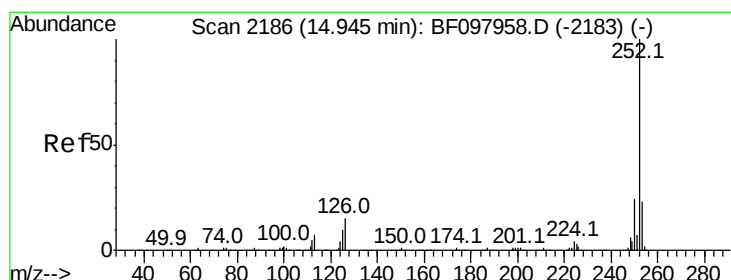
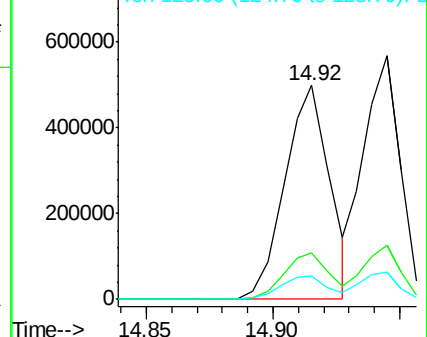
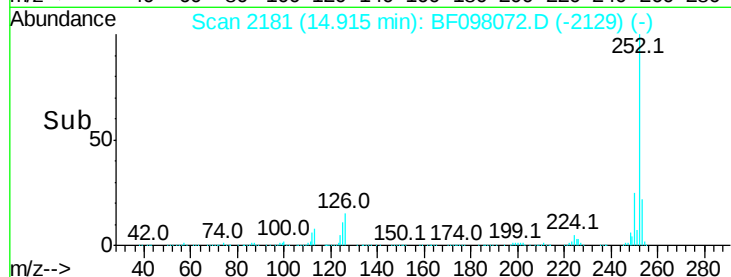
125 10.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.912 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

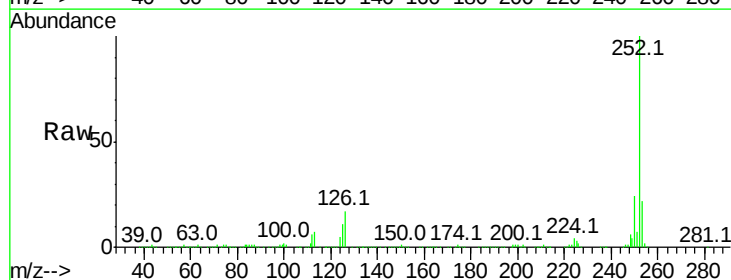
Tgt Ion:252 Resp: 583033

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

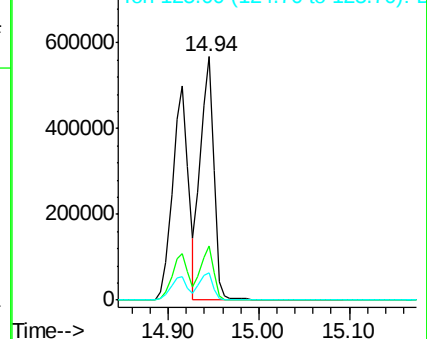
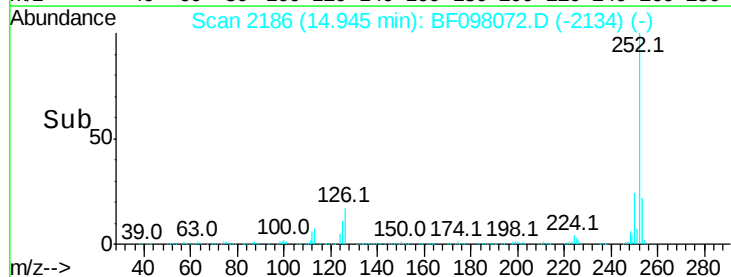
125 11.1 13.1 19.7#

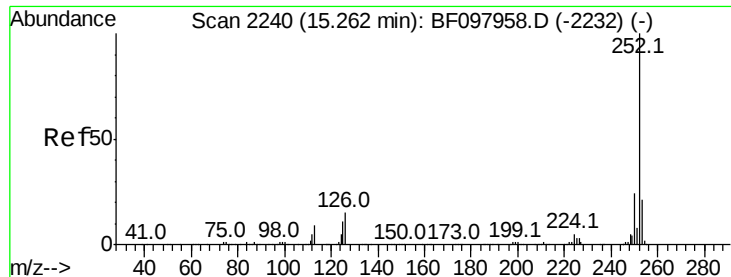


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

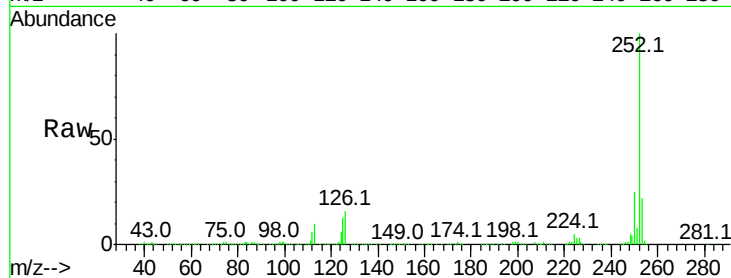




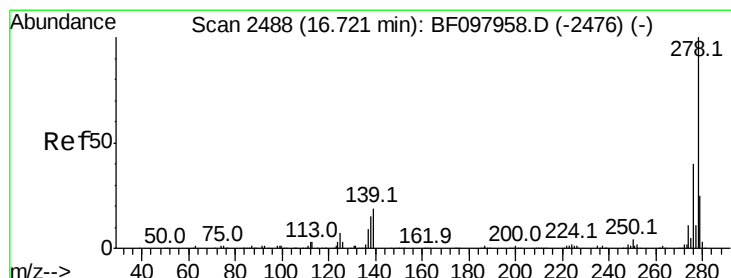
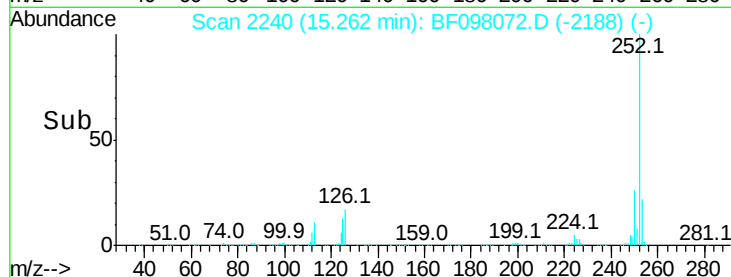
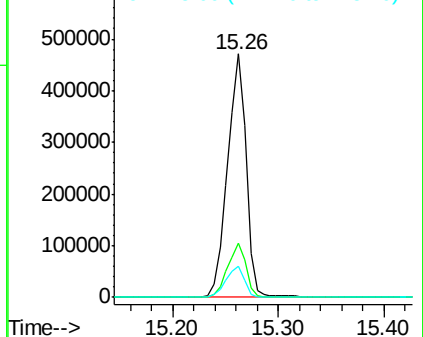
#89
Benzo(a)pyrene
Concen: 44.996 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101862BS

Tot Ion:252 Resp: 576066
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.8 11.0 16.4

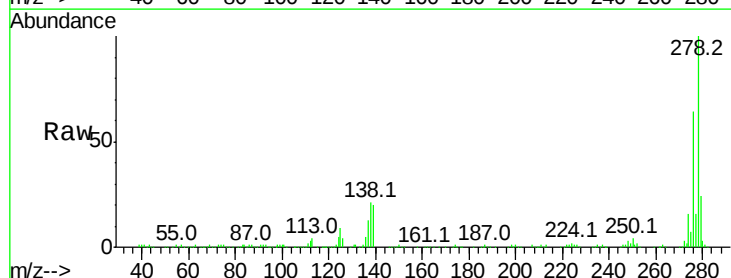


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

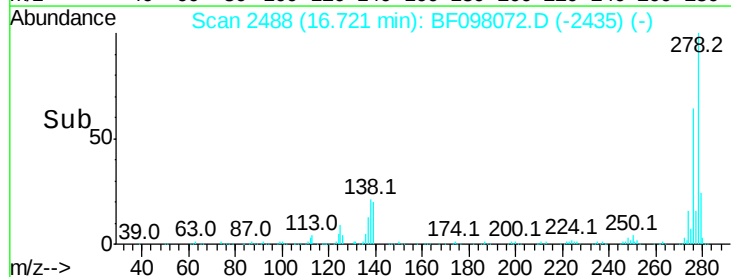
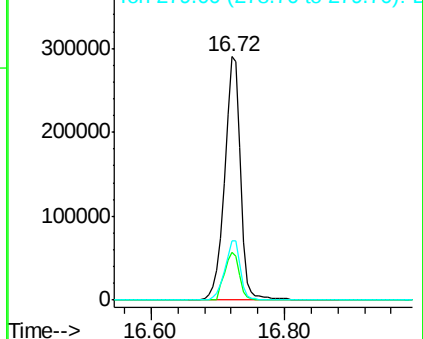


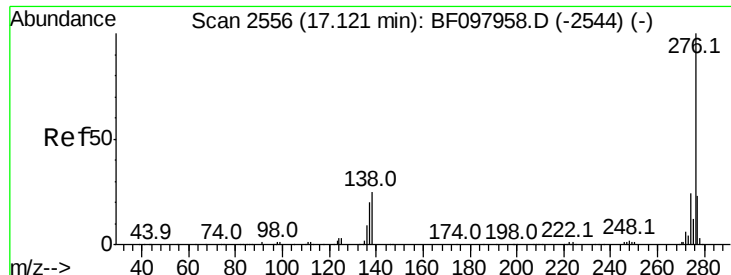
#90
Dibenzo(a,h)anthracene
Concen: 46.910 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF098072.D
Acq: 28 Aug 2017 18:04

Tgt Ion:278 Resp: 488930
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 24.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.879 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098072.D

Acq: 28 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101862BS

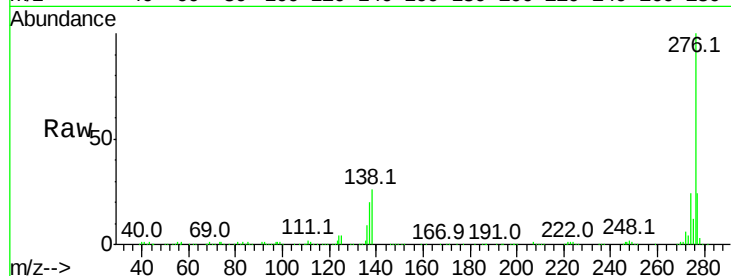
Tot Ion:276 Resp: 520698

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 26.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

