

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097030.D
 Acq On : 25 Jul 2017 15:49
 Operator : SJ/JU
 Sample : PB100892BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Quant Time: Jul 25 16:54:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	146609	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	589848	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	262467	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	451397	20.00	ng	0.00
75) Chrysene-d12	13.63	240	240071	20.00	ng	0.00
86) Perylene-d12	14.97	264	202222	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	781018	80.31	ng	0.02
7) Phenol-d6	6.17	99	938024	84.49	ng	0.00
23) Nitrobenzene-d5	7.07	82	732784	72.88	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	161394	77.83	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1267878	81.98	ng	0.00
78) Terphenyl-d14	12.59	244	921077	78.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.14	88	150886	37.178	ng	# 74
3) Pyridine	2.75	79	441396	35.518	ng	# 64
4) n-Nitrosodimethylamine	2.71	42	256087	37.196	ng	# 86
6) Aniline	6.16	93	176671	12.645	ng	# 43
8) 2-Chlorophenol	6.29	128	423487	40.723	ng	# 96
9) Benzaldehyde	6.04	77	141662	21.556	ng	# 97
10) Phenol	6.18	94	516278	39.203	ng	# 94
11) bis(2-Chloroethyl)ether	6.25	93	426036	40.903	ng	# 90
12) 1,3-Dichlorobenzene	6.44	146	421467	37.608	ng	# 99
13) 1,4-Dichlorobenzene	6.52	146	412709	37.160	ng	# 94
14) 1,2-Dichlorobenzene	6.67	146	343773	35.451	ng	# 98
15) Benzyl Alcohol	6.66	79	273970	38.975	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.79	45	731222	35.001	ng	# 75
17) 2-Methylphenol	6.79	107	287106	35.772	ng	# 89
18) Hexachloroethane	7.01	117	145925	35.914	ng	# 84
19) n-Nitroso-di-n-propylamine	6.93	70	267051	36.542	ng	# 85
20) 3+4-Methylphenols	6.95	107	406929	38.820	ng	# 63
22) Acetophenone	6.92	105	509607	35.976	ng	# 98
24) Nitrobenzene	7.09	77	377017	36.003	ng	# 95
25) Isophorone	7.33	82	706420	35.876	ng	# 97
26) 2-Nitrophenol	7.40	139	215541	38.045	ng	# 85
27) 2,4-Dimethylphenol	7.46	122	349323	37.378	ng	# 96
28) bis(2-Chloroethoxy)methane	7.55	93	485798	37.806	ng	# 99
29) 2,4-Dichlorophenol	7.66	162	314044	39.007	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	294628	38.393	ng	# 97
31) Naphthalene	7.80	128	1069852	38.477	ng	# 100
32) Benzoic acid	7.63	122	222441	31.875	ng	# 94
33) 4-Chloroaniline	7.86	127	76309	6.745	ng	# 96
34) Hexachlorobutadiene	7.93	225	153067	37.624	ng	# 96
35) Caprolactam	8.25	113	62204	24.095	ng	# 49
36) 4-Chloro-3-methylphenol	8.37	107	332437	37.848	ng	# 90
37) 2-Methylnaphthalene	8.50	142	726402	41.262	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	247687	35.367	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	207728	84.426	ng	# 98

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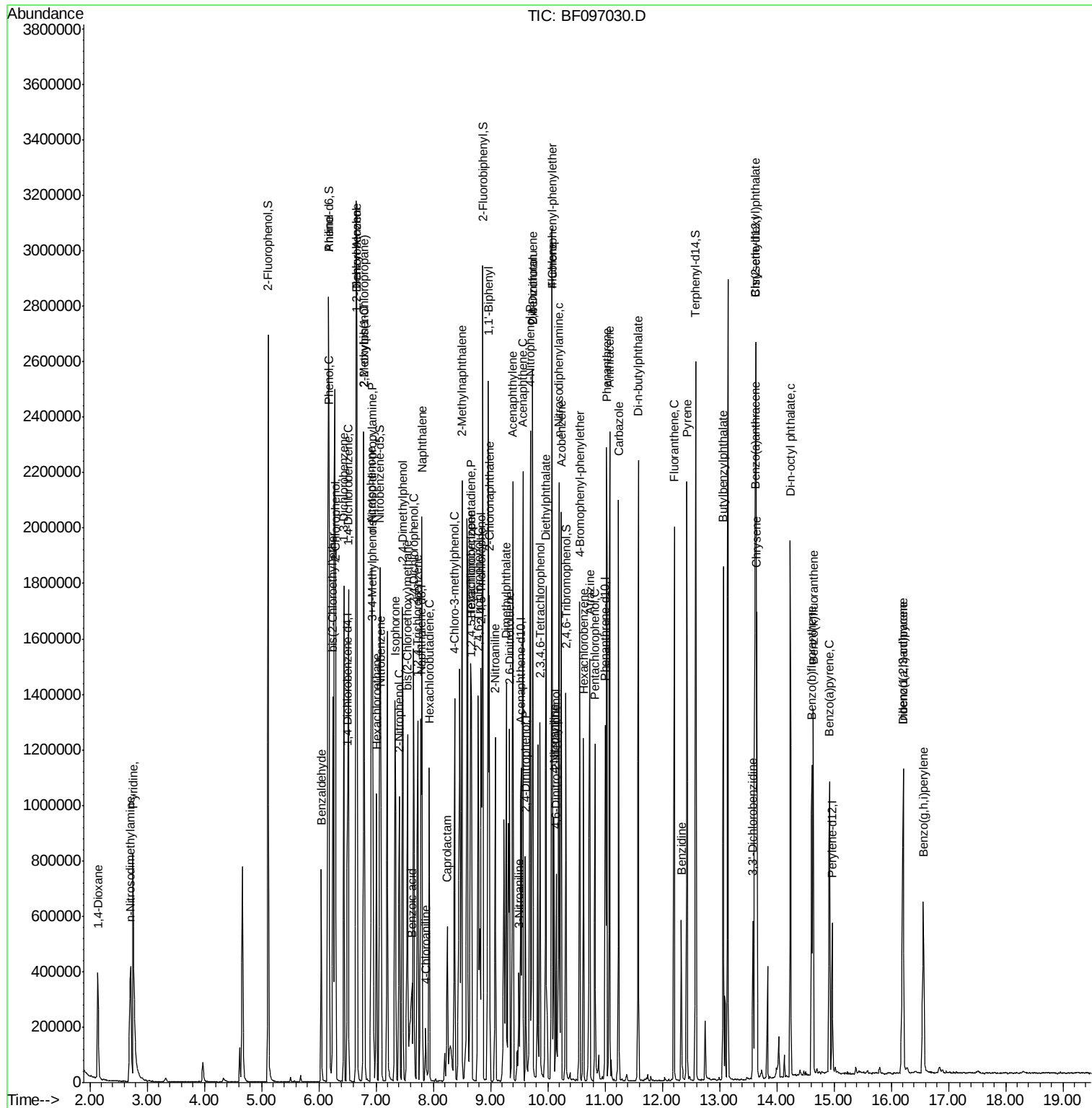
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	188673	37.176	ng	98
43) 2,4,5-Trichlorophenol	8.83	196	189525	37.310	ng	98
45) 1,1'-Biphenyl	8.96	154	791892	35.323	ng	97
46) 2-Chloronaphthalene	8.98	162	613127	37.165	ng	94
47) 2-Nitroaniline	9.09	65	224857	37.557	ng	95
48) Acenaphthylene	9.39	152	952270	37.606	ng	99
49) Dimethylphthalate	9.27	163	761841	38.223	ng	99
50) 2,6-Dinitrotoluene	9.33	165	166111	39.295	ng	# 85
51) Acenaphthene	9.56	154	561625	37.653	ng	97
52) 3-Nitroaniline	9.49	138	61970	11.810	ng	95
53) 2,4-Dinitrophenol	9.61	184	103023	53.600	ng	# 73
54) Dibenzofuran	9.74	168	802379	40.387	ng	99
55) 4-Nitrophenol	9.69	139	198768	63.700	ng	# 56
56) 2,4-Dinitrotoluene	9.74	165	187512	38.586	ng	# 64
57) Fluorene	10.08	166	608388	40.743	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145802	41.570	ng	99
59) Diethylphthalate	9.97	149	724122	39.601	ng	99
60) 4-Chlorophenyl-phenylether	10.07	204	257808	41.810	ng	96
61) 4-Nitroaniline	10.11	138	171189	34.336	ng	90
62) Azobenzene	10.23	77	764647	45.076	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	86591	30.871	ng	89
65) n-Nitrosodiphenylamine	10.20	169	601041	38.268	ng	97
66) 4-Bromophenyl-phenylether	10.56	248	184030	40.852	ng	96
67) Hexachlorobenzene	10.63	284	185495	36.720	ng	# 92
68) Atrazine	10.73	200	174905	38.836	ng	94
69) Pentachlorophenol	10.83	266	145600	69.660	ng	99
70) Phenanthrene	11.03	178	917297	37.927	ng	100
71) Anthracene	11.08	178	944176	38.115	ng	99
72) Carbazole	11.24	167	857824	35.211	ng	99
73) Di-n-butylphthalate	11.58	149	1192141	39.587	ng	100
74) Fluoranthene	12.21	202	857376	36.185	ng	98
76) Benzidine	12.33	184	211655	23.761	ng	# 92
77) Pyrene	12.43	202	861708	43.844	ng	99
79) Butylbenzylphthalate	13.07	149	456200	45.632	ng	# 82
80) Benzo(a)anthracene	13.62	228	600857	38.681	ng	98
81) 3,3'-Dichlorobenzidine	13.59	252	115475	19.713	ng	# 94
82) Chrysene	13.65	228	586766	38.684	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	564064	43.213	ng	99
84) Di-n-octyl phthalate	14.24	149	926960	38.697	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	470943	36.209	ng	97
87) Benzo(b)fluoranthene	14.62	252	492671	40.529	ng	98
88) Benzo(k)fluoranthene	14.64	252	426347	36.806	ng	# 94
89) Benzo(a)pyrene	14.92	252	442013	39.730	ng	97
90) Dibenzo(a,h)anthracene	16.21	278	390573	42.810	ng	# 95
91) Benzo(g,h,i)perylene	16.56	276	428207	44.757	ng	97

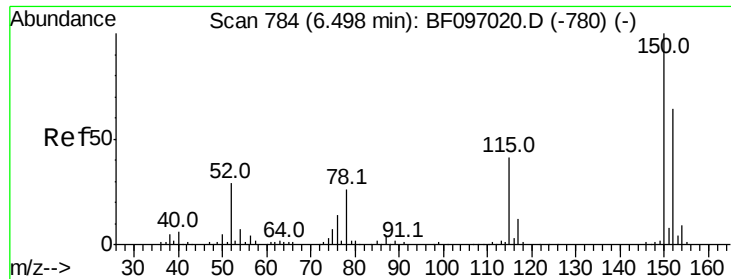
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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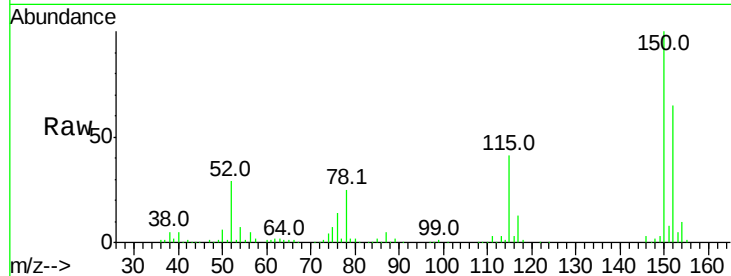


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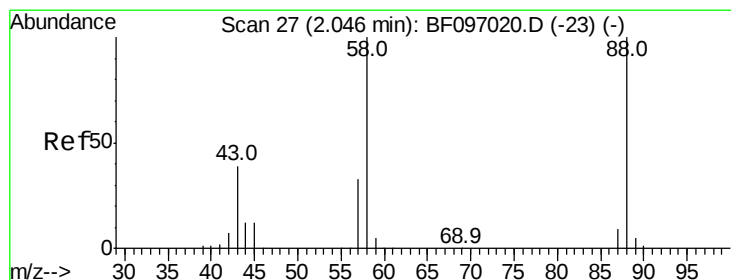
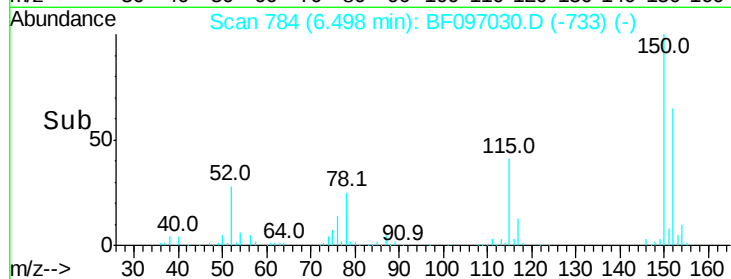
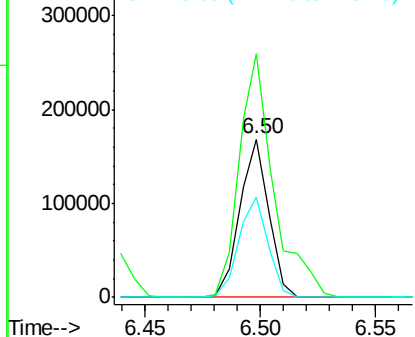
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion:152 Resp: 146609
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 63.4 52.2 78.2



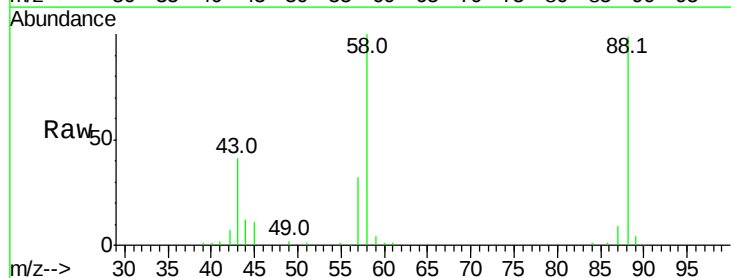
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



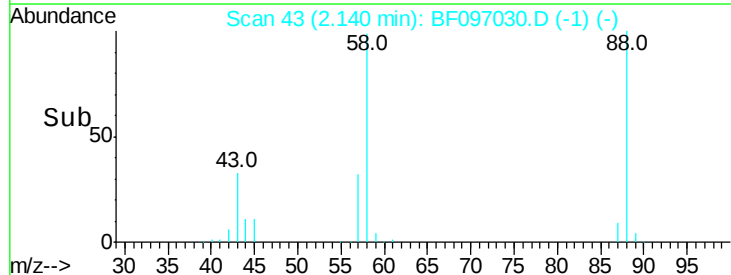
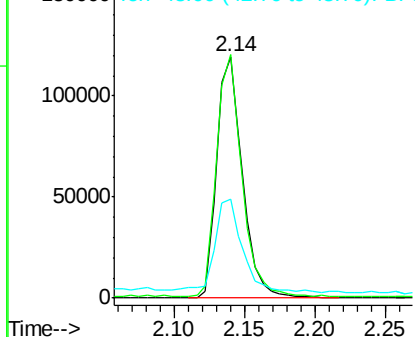
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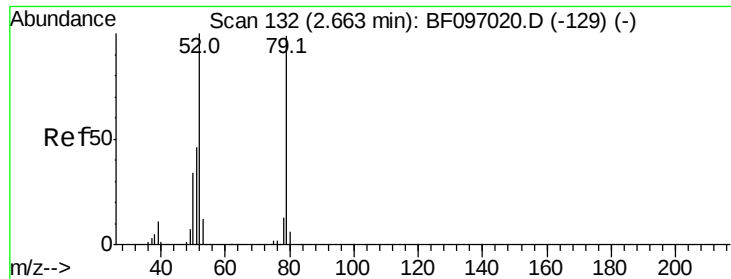
1,4-Dioxane
Concen: 37.178 ng
RT: 2.14 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion: 88 Resp: 150886
Ion Ratio Lower Upper
88 100
58 99.7 61.4 92.0#
43 42.1 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: 35.518 ng

RT: 2.75 min Scan# 147

Delta R.T. 0.09 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

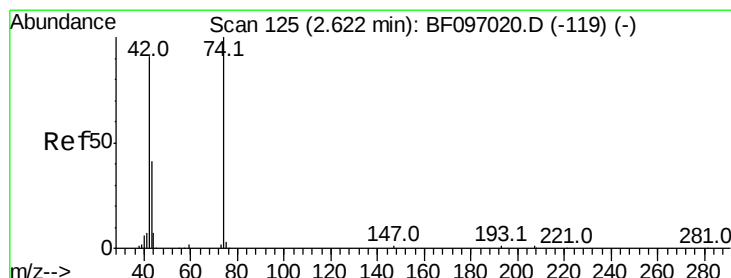
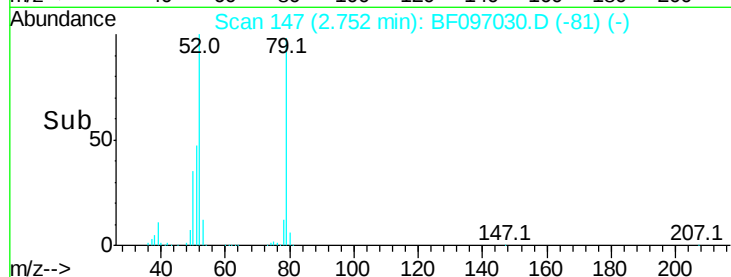
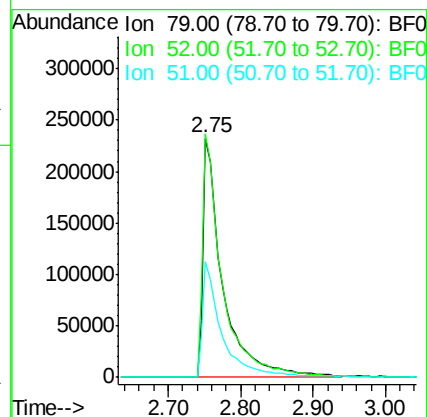
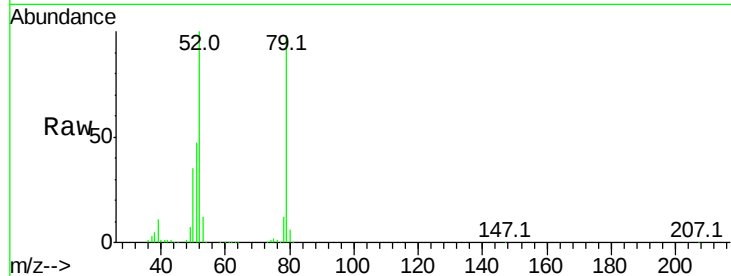
Tot Ion: 79 Resp: 441396

Ion Ratio Lower Upper

79 100

52 101.8 54.8 82.2#

51 48.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 37.196 ng

RT: 2.71 min Scan# 140

Delta R.T. 0.09 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

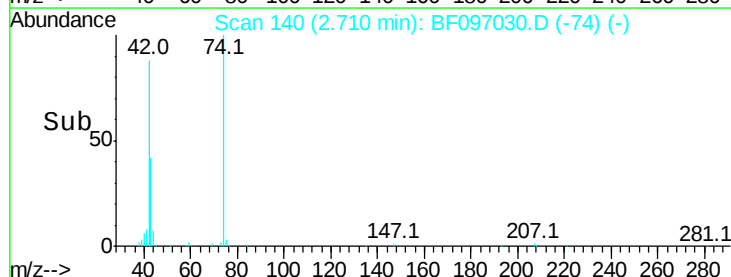
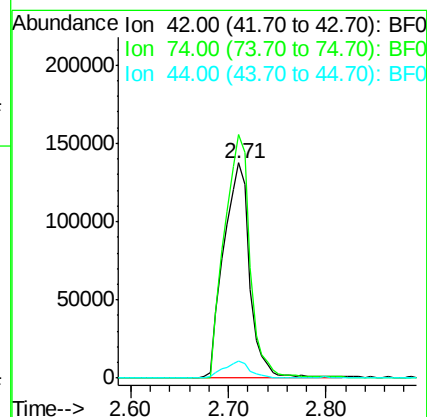
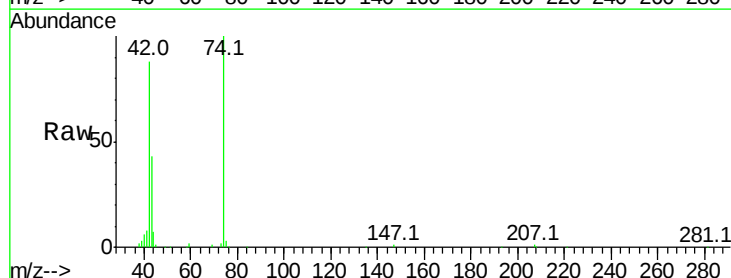
Tgt Ion: 42 Resp: 256087

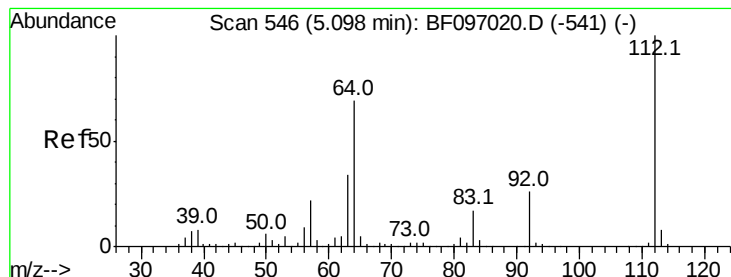
Ion Ratio Lower Upper

42 100

74 113.3 103.9 155.9

44 8.2 5.7 8.5

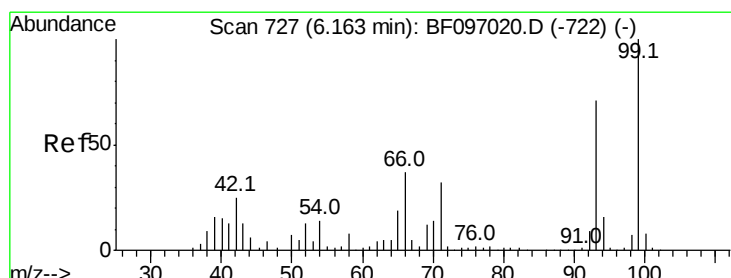
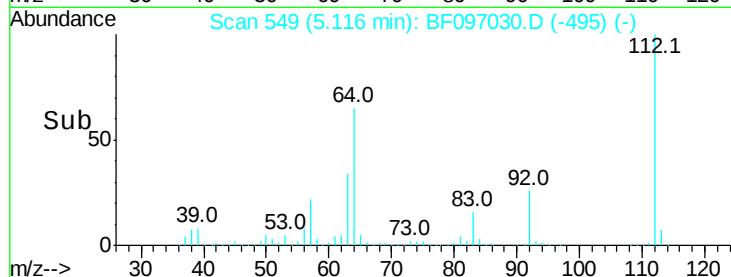
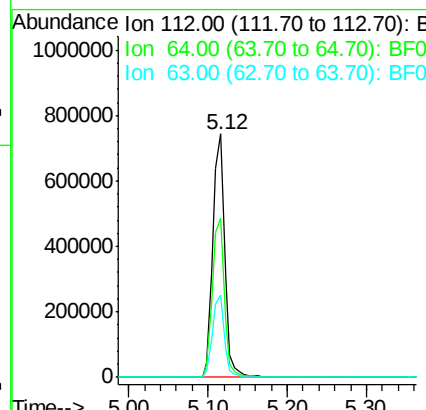
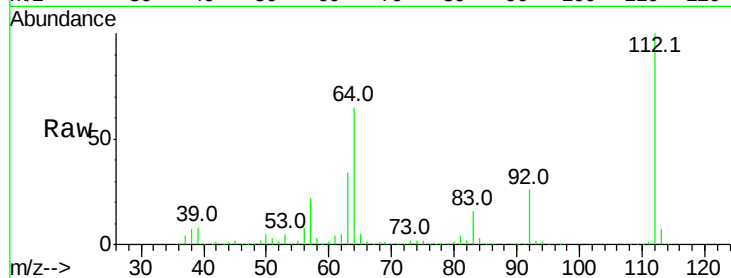




#5
 2-Fluorophenol
 Concen: 80.307 ng
 RT: 5.12 min Scan# 549
 Delta R.T. 0.02 min
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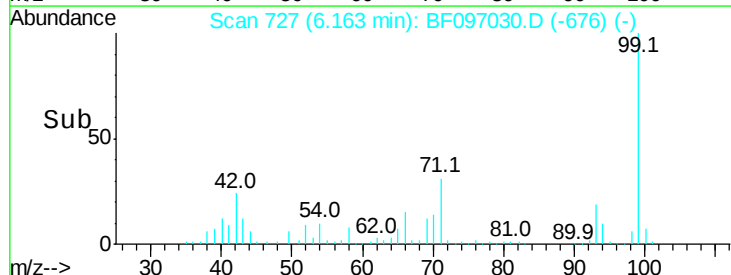
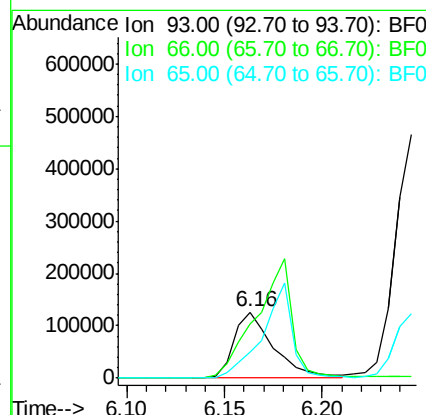
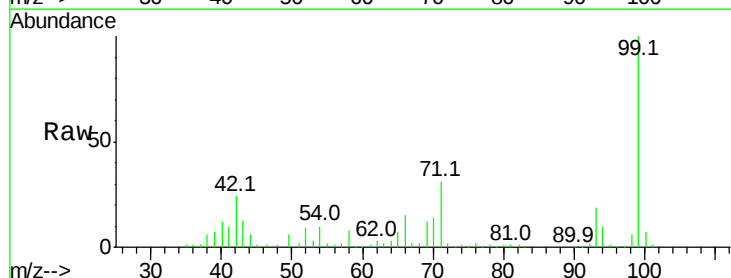
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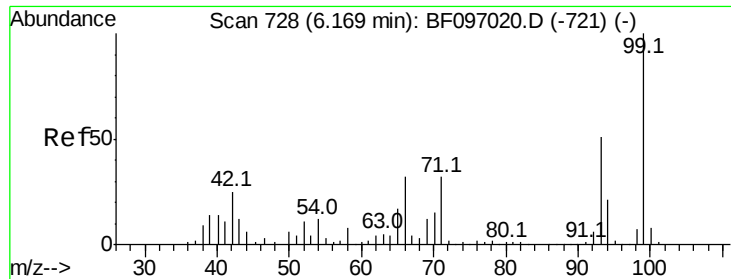
Tot Ion:	112	Resp:	781018
Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.0	69.0
63	33.7	23.4	35.0



#6
 Aniline
 Concen: 12.645 ng
 RT: 6.16 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:	93	Resp:	176671
Ion	Ratio	Lower	Upper
93	100		
66	81.2	32.9	49.3#
65	39.5	16.0	24.0#





#7

Phenol-d6

Concen: 84.486 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

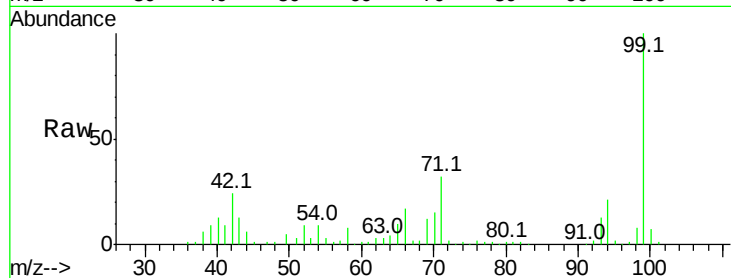
BNA_F

ClientSampleId :

PB100892BS

Tot Ion: 99 Resp: 938024

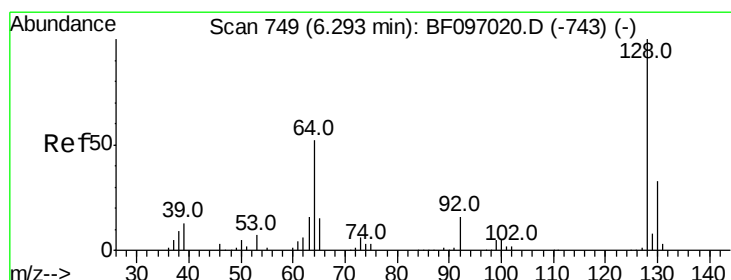
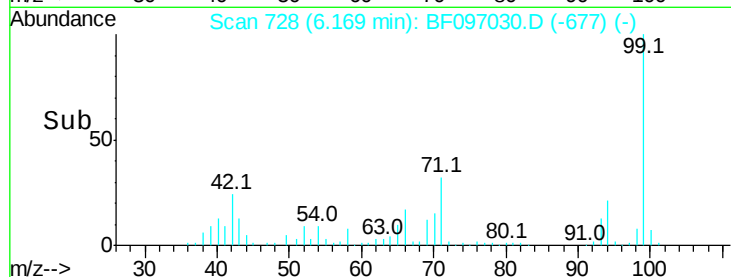
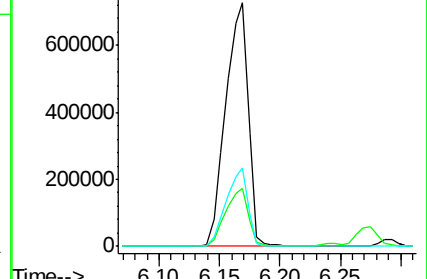
Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	32.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.723 ng

RT: 6.29 min Scan# 749

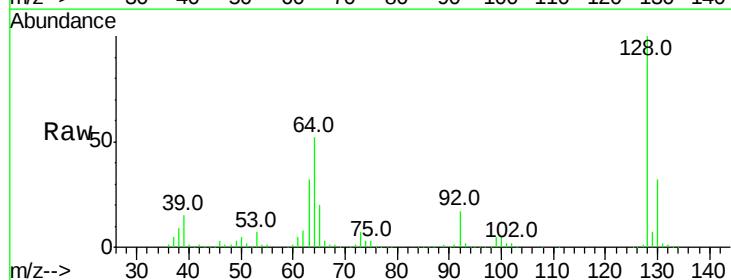
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion: 128 Resp: 423487

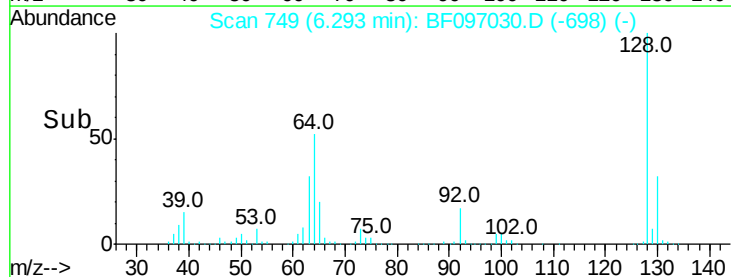
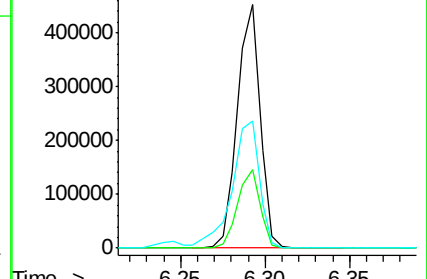
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	52.1	28.4	68.4

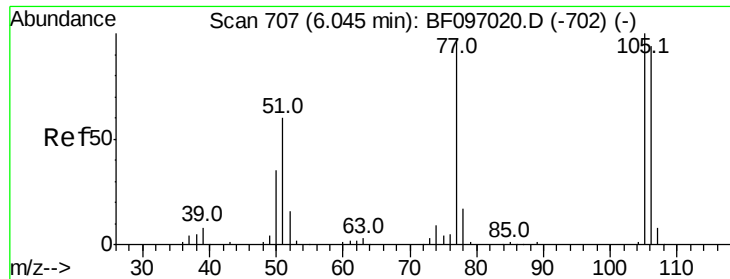


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

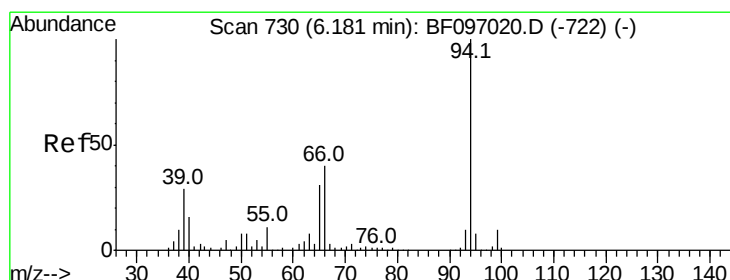
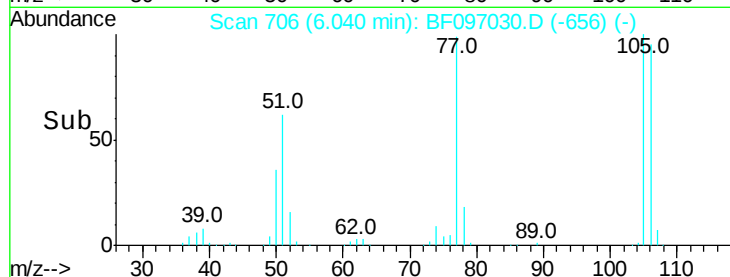
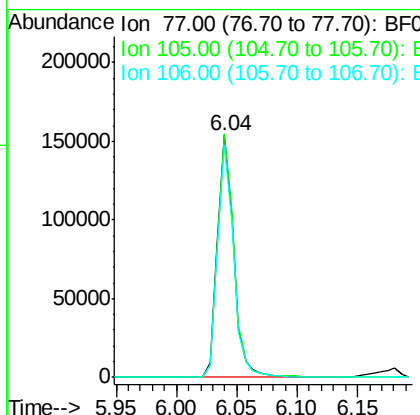
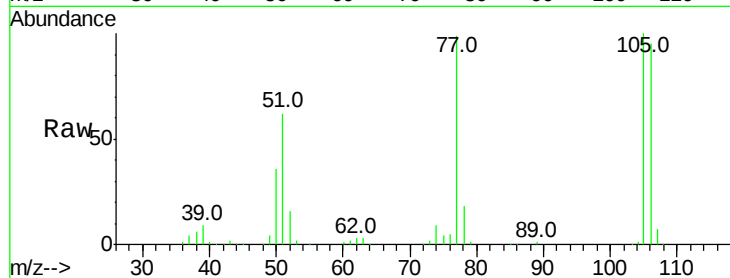




#9
Benzaldehyde
Concen: 21.556 ng
RT: 6.04 min Scan# 706
Delta R.T. -0.01 min
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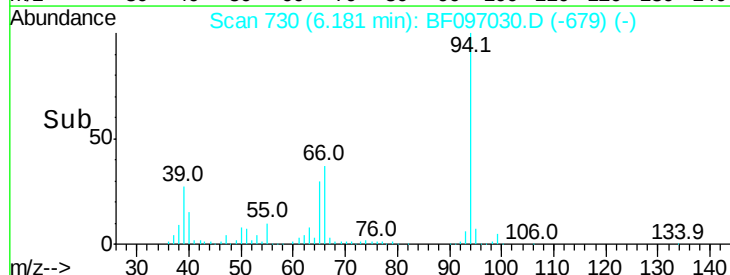
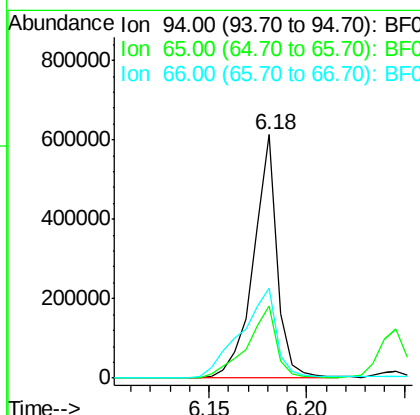
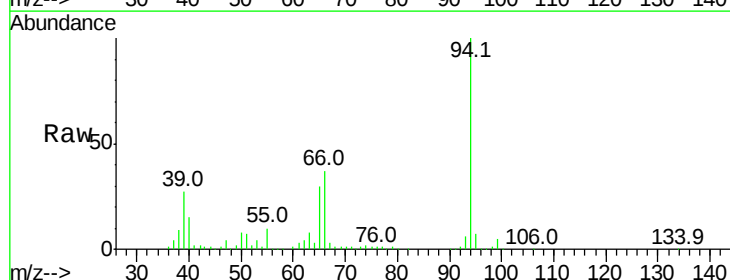
Instrument :
BNA_F
ClientSampleId :
PB100892BS

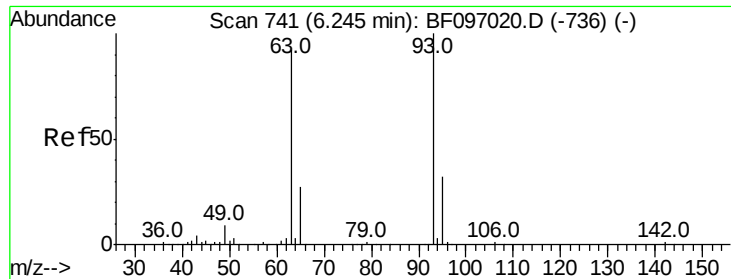
Tot Ion: 77 Resp: 141662
Ion Ratio Lower Upper
77 100
105 100.5 83.8 123.8
106 95.6 79.1 119.1



#10
Phenol
Concen: 39.203 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion: 94 Resp: 516278
Ion Ratio Lower Upper
94 100
65 29.5 9.9 49.9
66 37.1 23.1 63.1

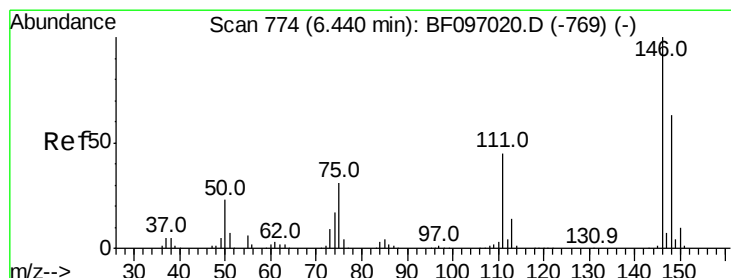
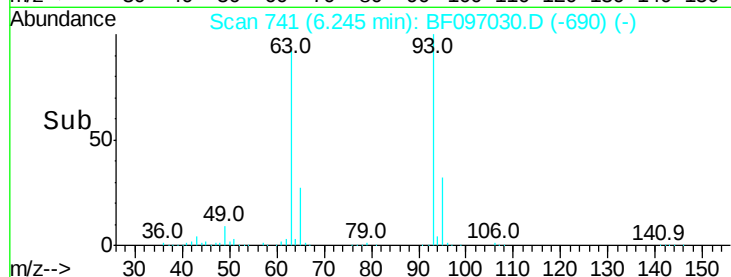
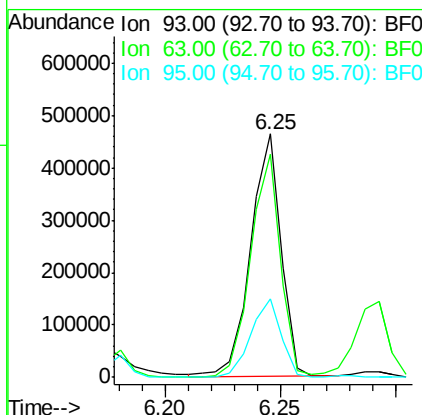
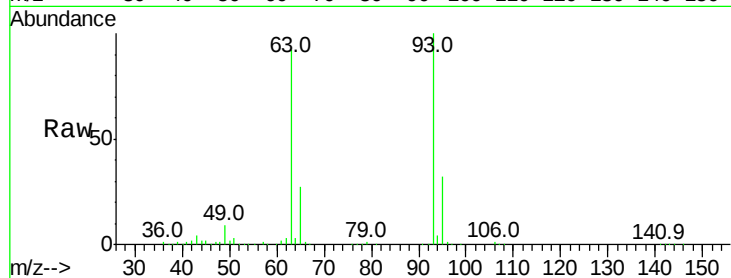




#11
bis(2-Chloroethyl)ether
Concen: 40.903 ng
RT: 6.25 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

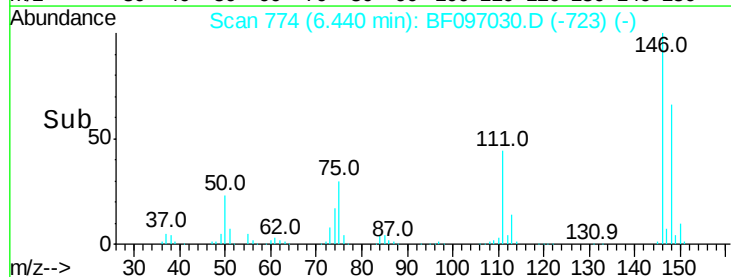
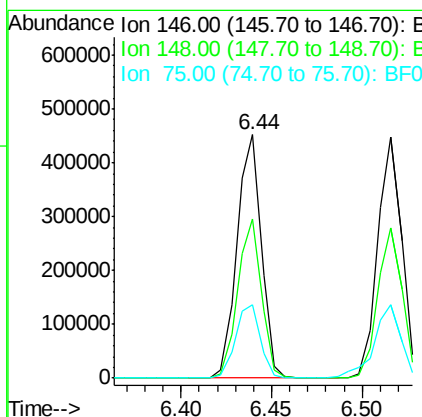
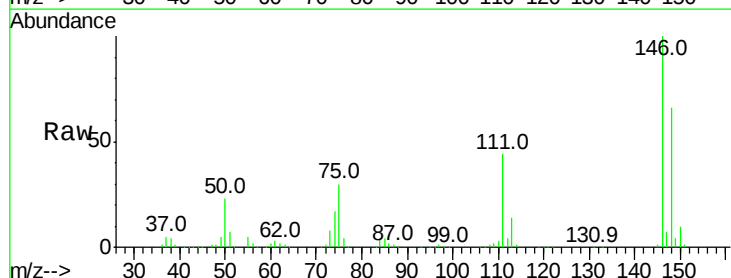
Instrument :
BNA_F
ClientSampleId :
PB100892BS

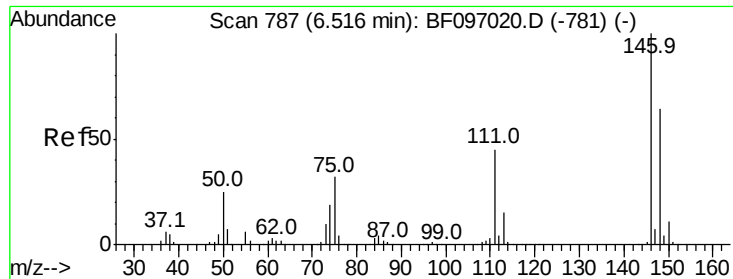
Tot Ion: 93 Resp: 426036
Ion Ratio Lower Upper
93 100
63 91.7 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.608 ng
RT: 6.44 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion: 146 Resp: 421467
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.6
75 29.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.160 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

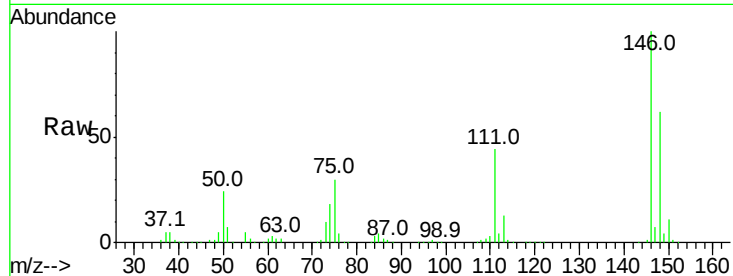
Tot Ion:146 Resp: 412709

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.2

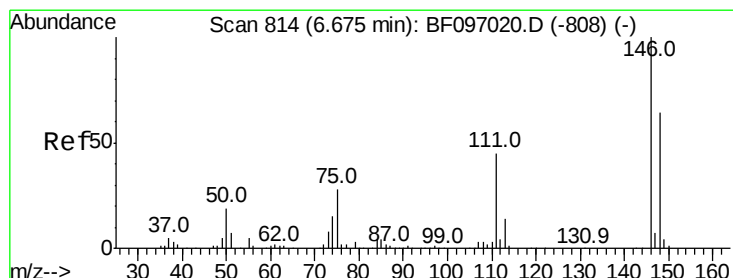
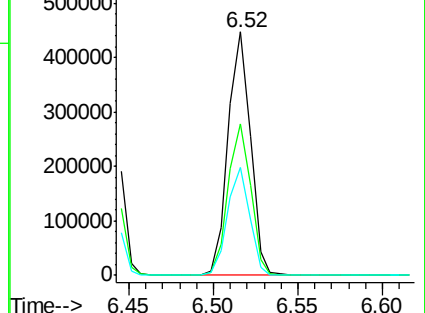
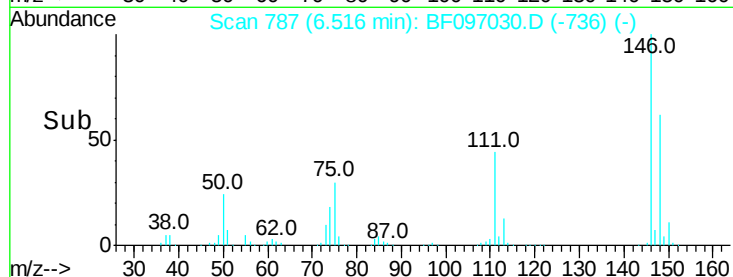
111 44.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.451 ng

RT: 6.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

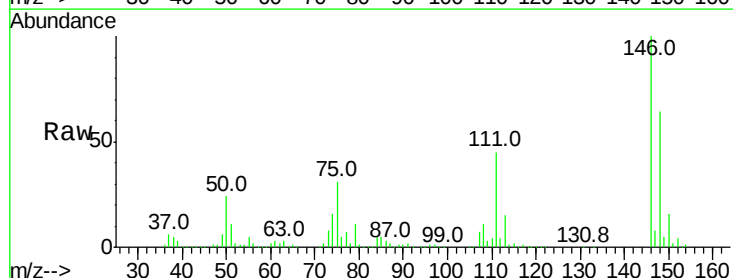
Tgt Ion:146 Resp: 343773

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

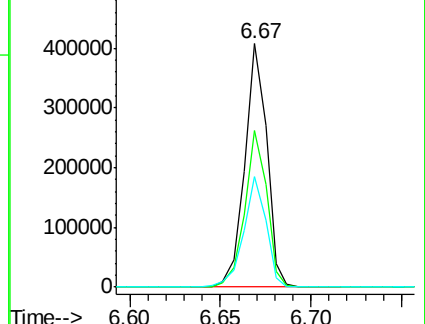
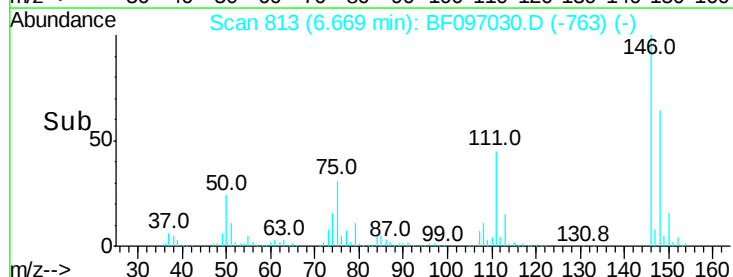
111 45.4 38.2 57.4

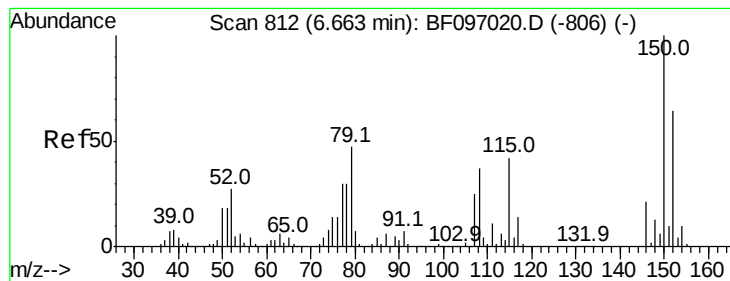


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.975 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

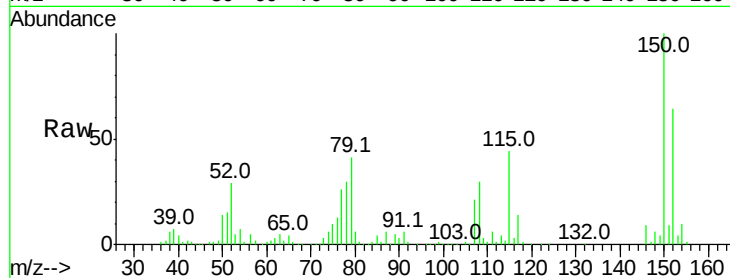
Tot Ion: 79 Resp: 273970

Ion Ratio Lower Upper

79 100

108 74.0 63.4 95.0

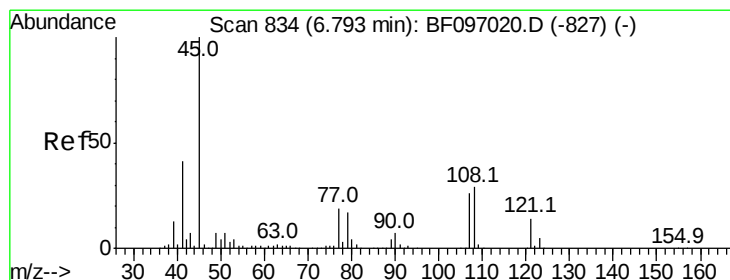
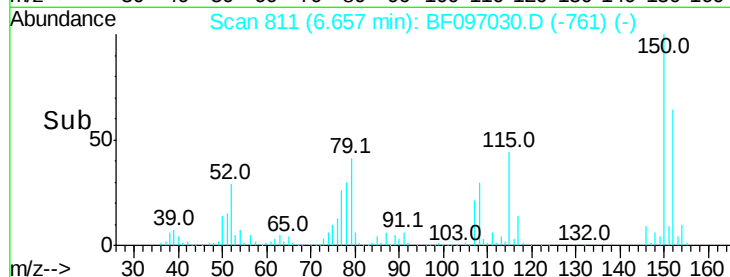
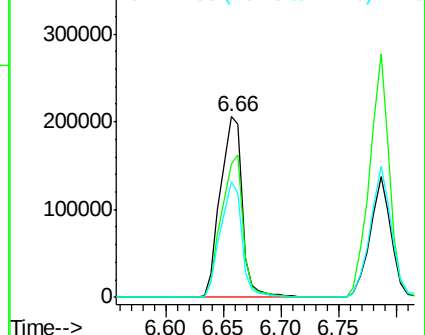
77 64.2 49.2 73.8



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: 35.001 ng

RT: 6.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

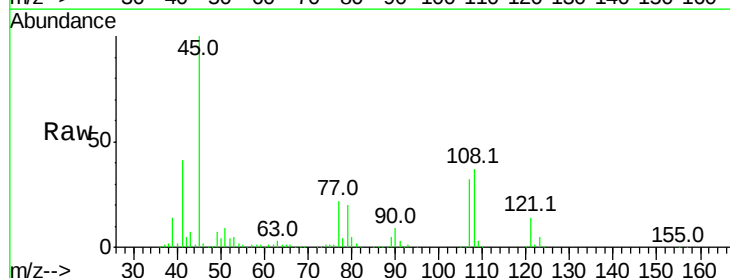
Tgt Ion: 45 Resp: 731222

Ion Ratio Lower Upper

45 100

77 22.4 0.0 33.2

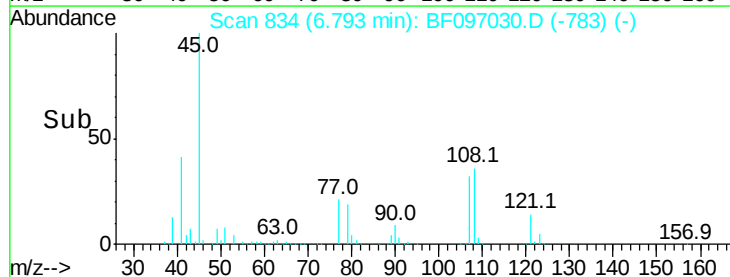
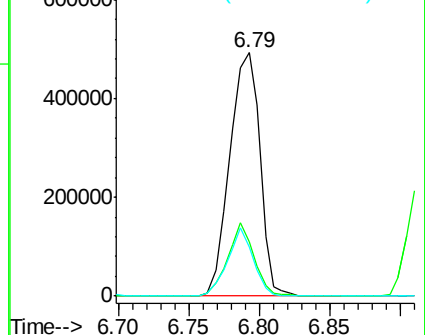
79 20.2 0.0 30.0

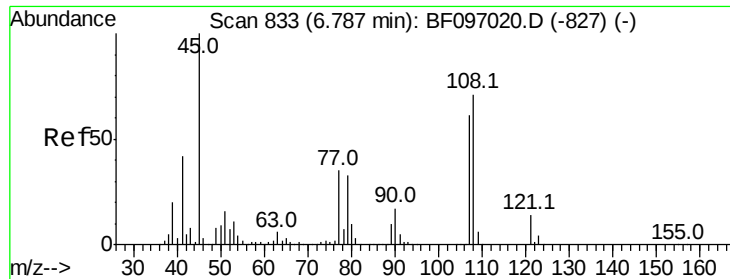


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

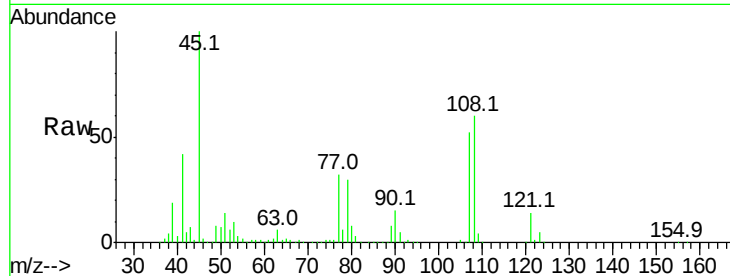




#17
2-Methylphenol
Concen: 35.772 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	61.9	35.8	53.6#
79	57.5	34.8	52.2#



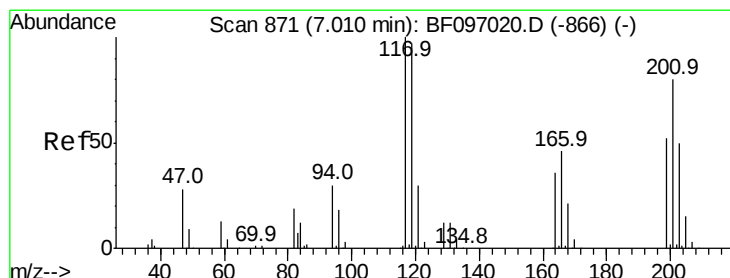
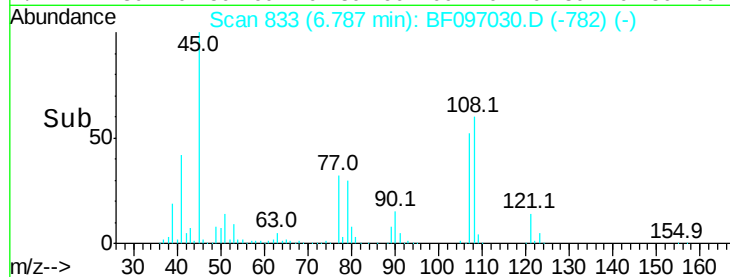
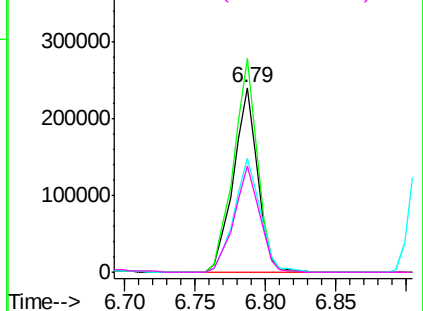
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

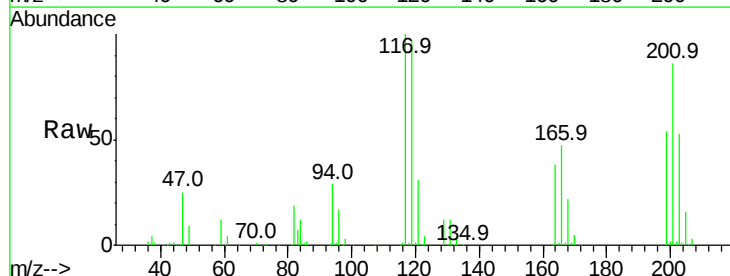
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 35.914 ng
RT: 7.01 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	86.3	94.6	141.8#

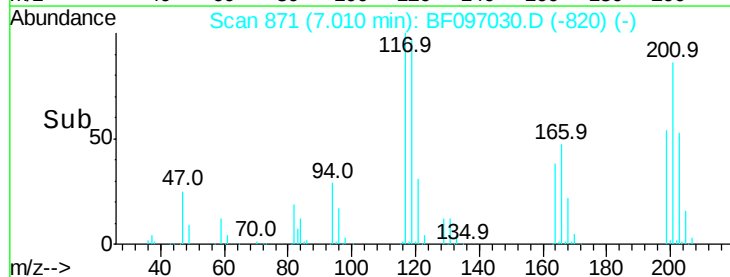
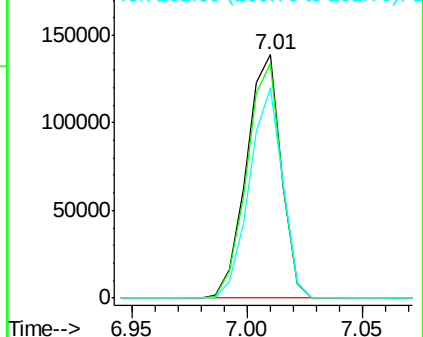


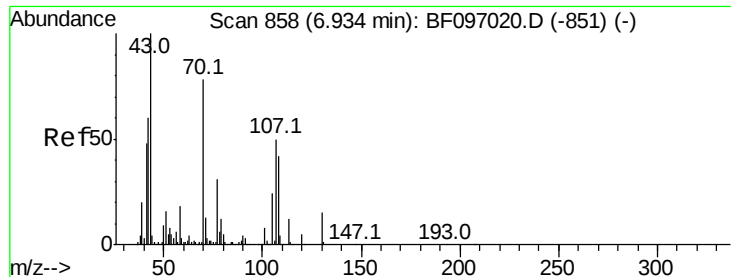
Abundance

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

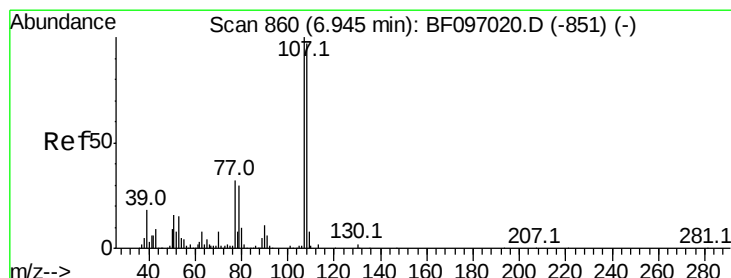
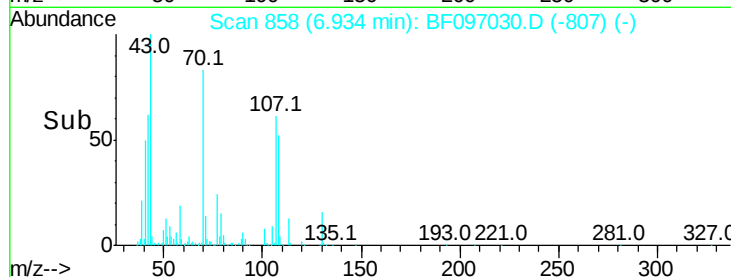
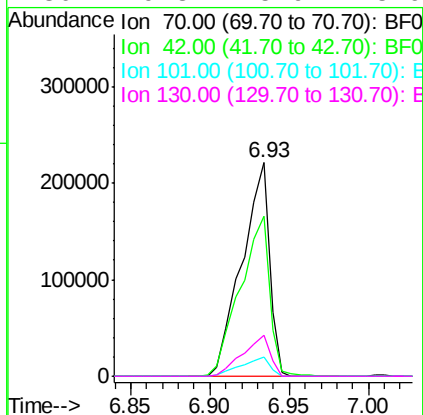
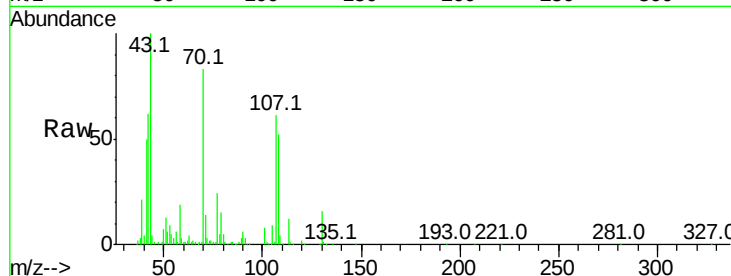




#19
 n-Nitroso-di-n-propylamine
 Concen: 36.542 ng
 RT: 6.93 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

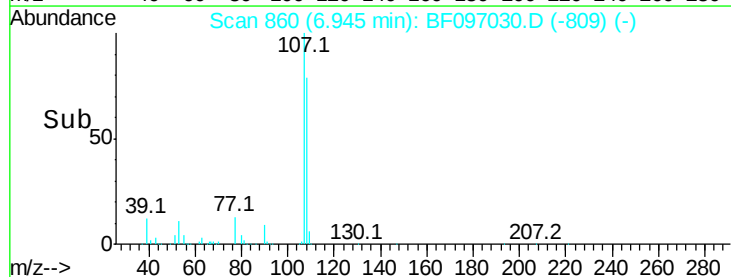
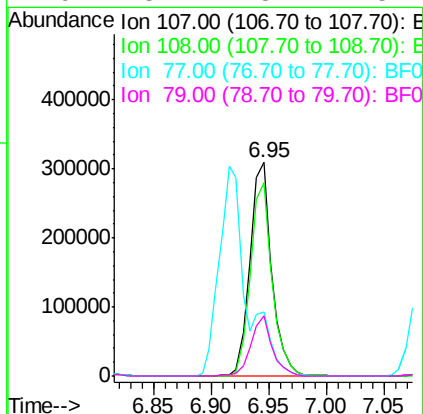
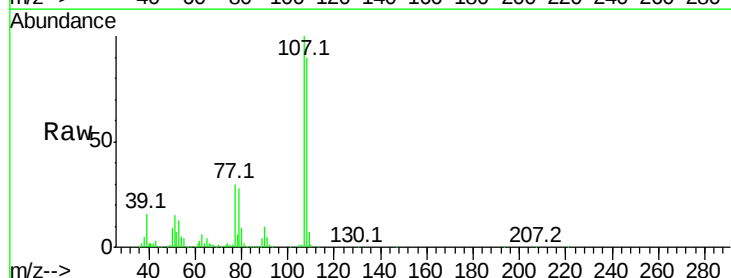
Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

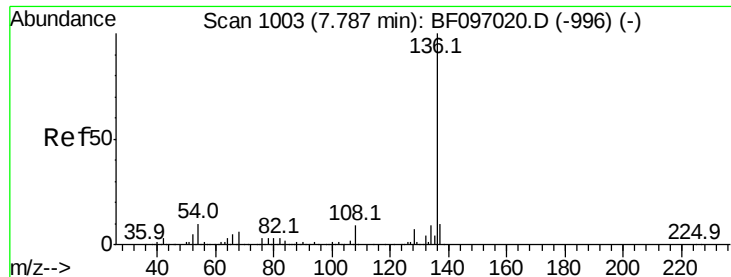
Tot Ion: 70 Resp: 267051
 Ion Ratio Lower Upper
 70 100
 42 74.9 47.2 70.8#
 101 9.1 7.2 10.8
 130 19.3 15.9 23.9



#20
 3+4-Methylphenols
 Concen: 38.820 ng
 RT: 6.95 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:107 Resp: 406929
 Ion Ratio Lower Upper
 107 100
 108 90.4 71.0 111.0
 77 30.0 90.5 130.5#
 79 28.1 8.4 48.4

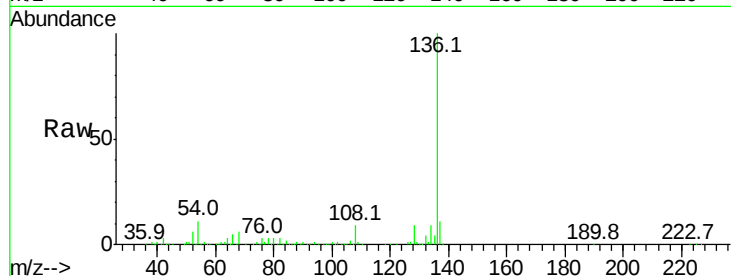




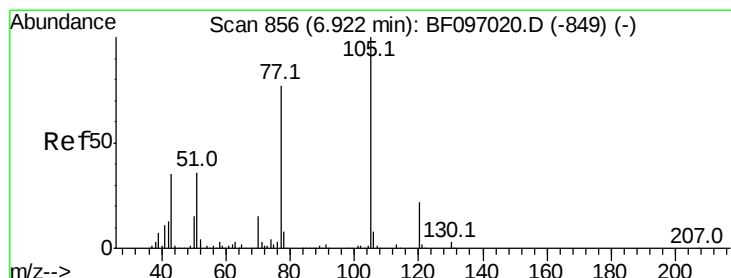
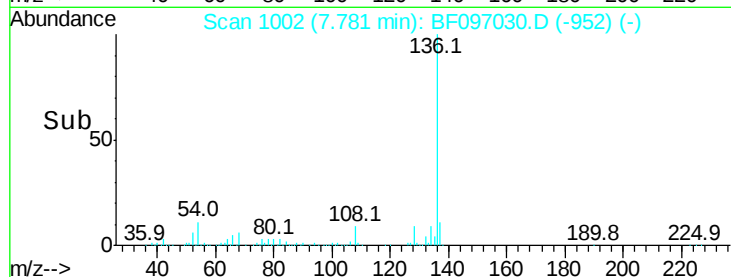
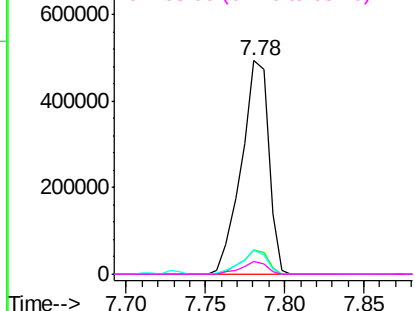
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion:136	Resp: 589848
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 11.3	4.9 7.3#
68 6.1	4.1 6.1

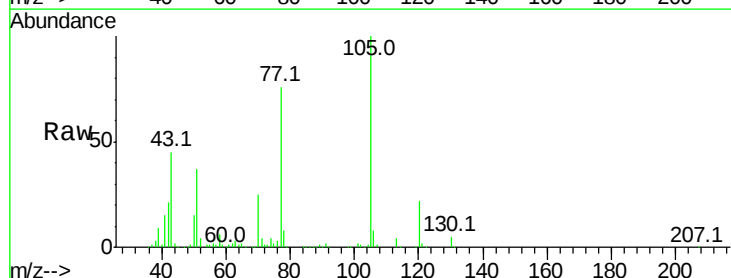


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

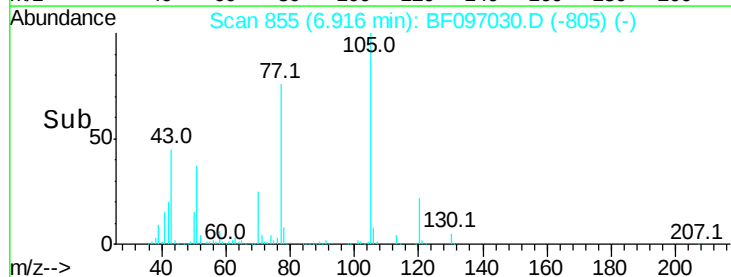
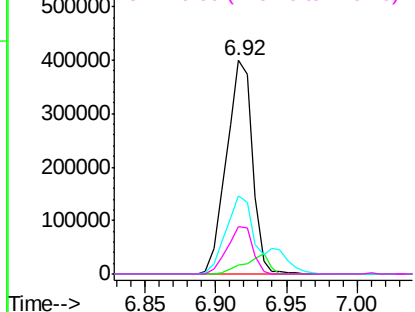


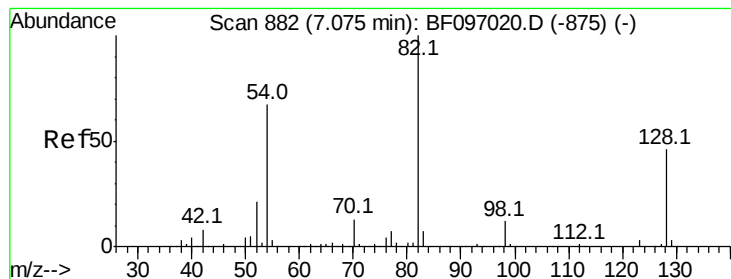
#22
Acetophenone
Concen: 35.976 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:105	Resp: 509607
Ion Ratio	Lower Upper
105 100	
71 4.2	2.8 4.2
51 36.7	30.7 46.1
120 22.4	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.880 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

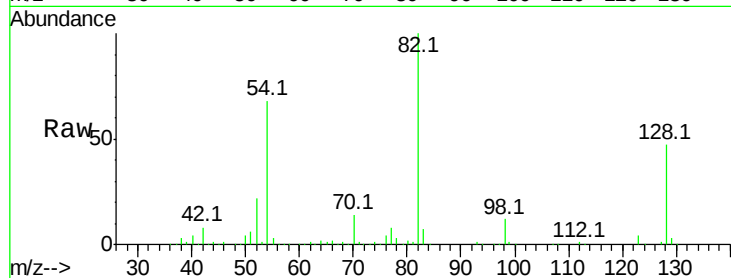
Tot Ion: 82 Resp: 732784

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

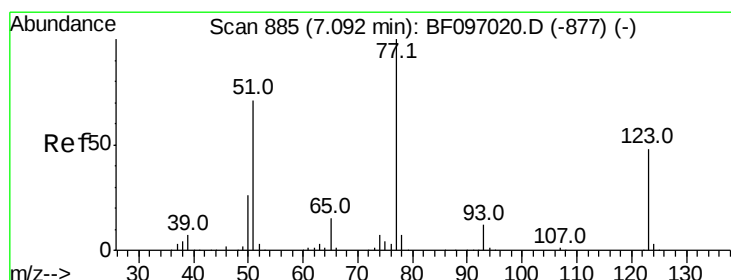
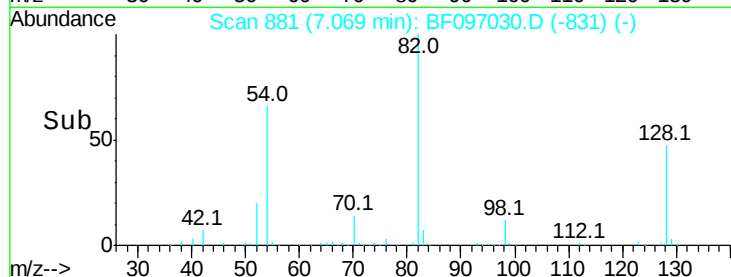
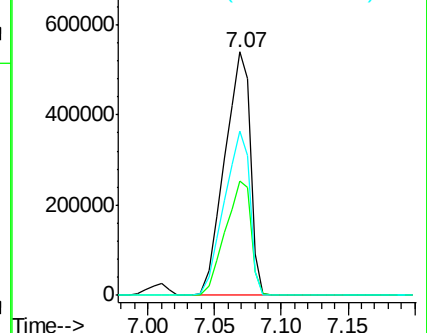
54 67.5 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.003 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

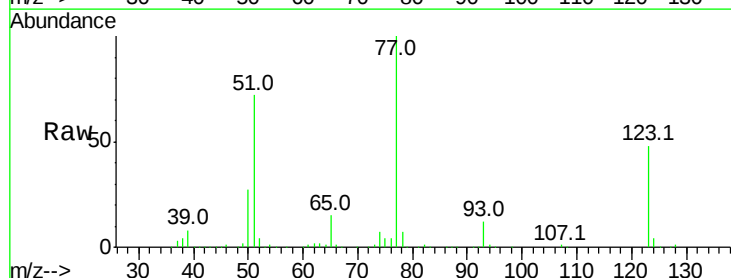
Tgt Ion: 77 Resp: 377017

Ion Ratio Lower Upper

77 100

123 47.9 35.8 53.8

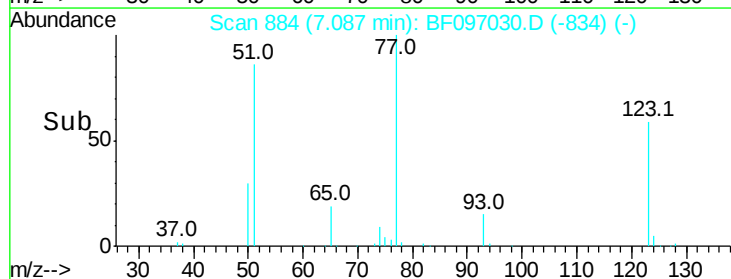
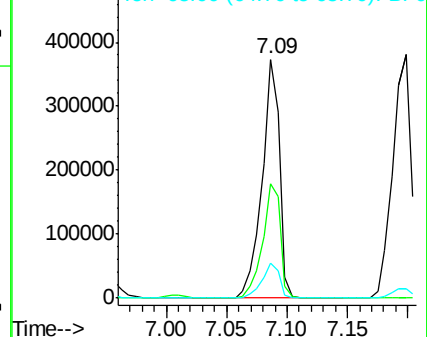
65 14.9 10.6 15.8

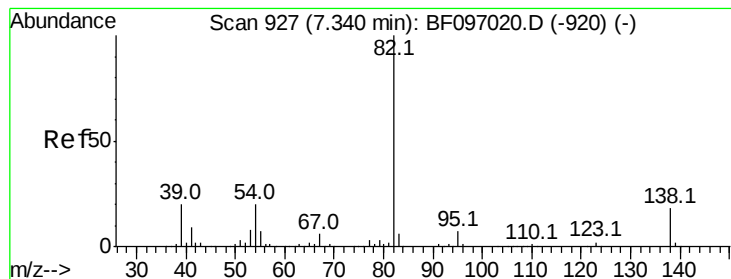


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.876 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

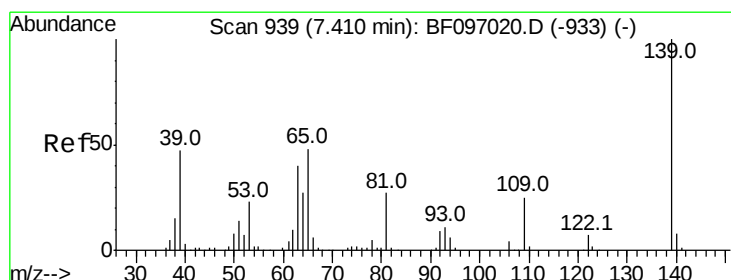
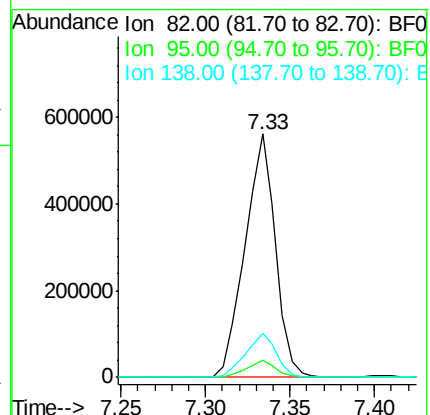
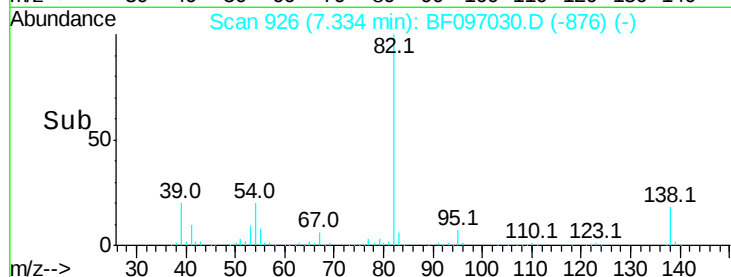
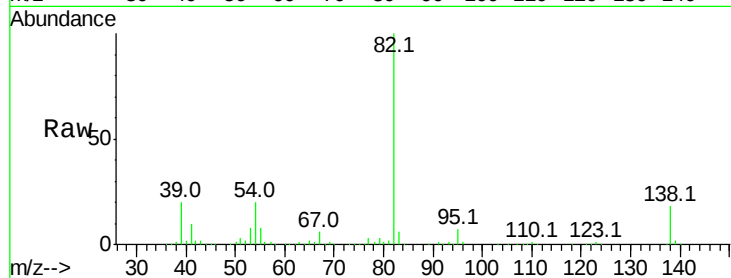
Tot Ion: 82 Resp: 706420

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 38.045 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

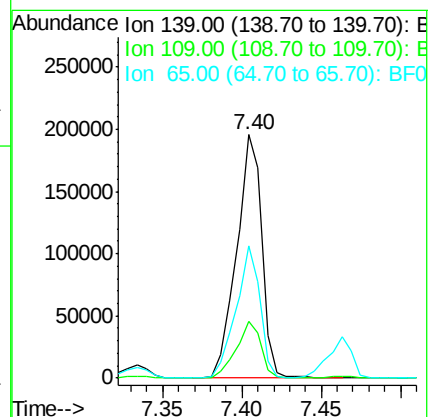
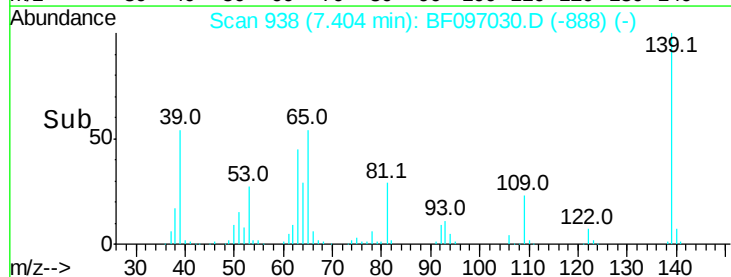
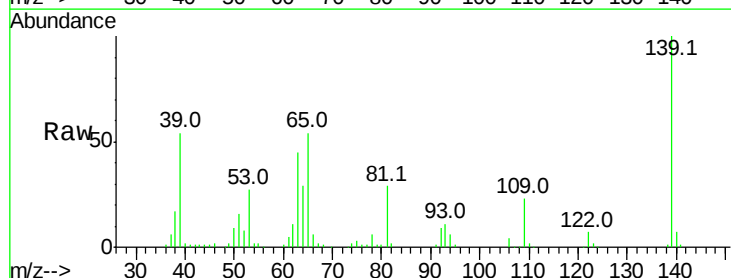
Tgt Ion:139 Resp: 215541

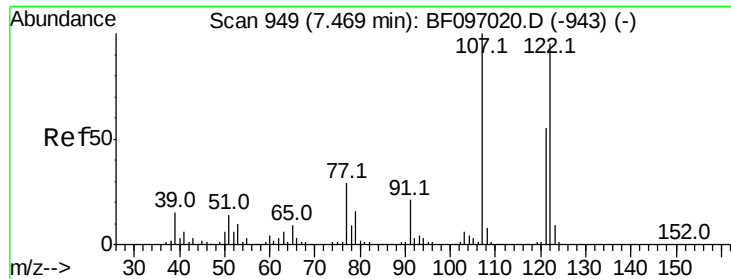
Ion Ratio Lower Upper

139 100

109 23.5 21.0 31.6

65 54.5 33.0 49.6#

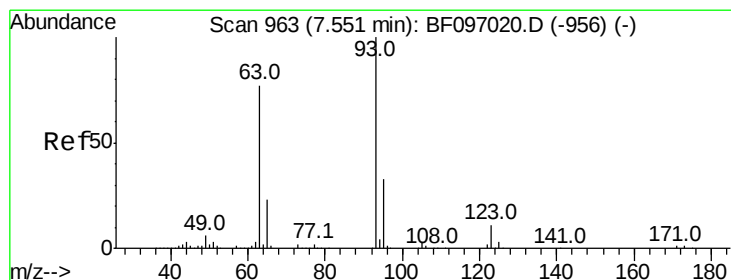
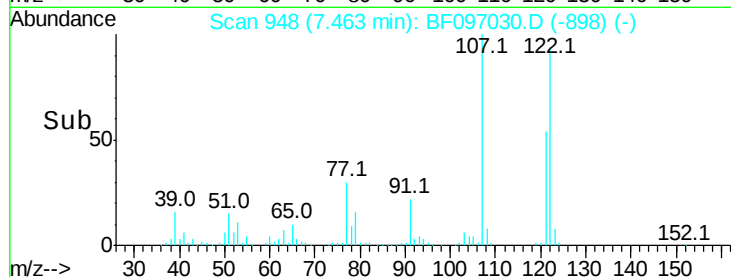
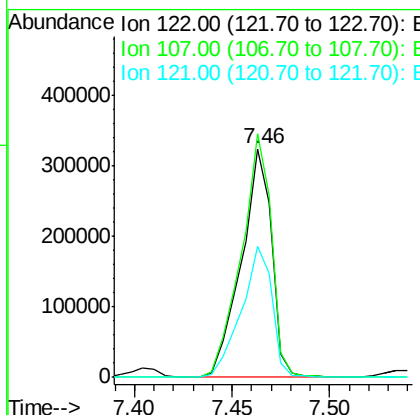
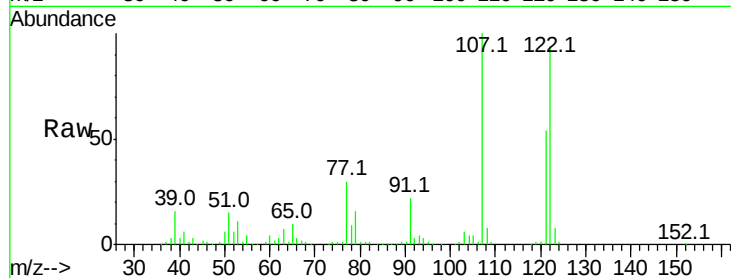




#27
 2,4-Dimethylphenol
 Concen: 37.378 ng
 RT: 7.46 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

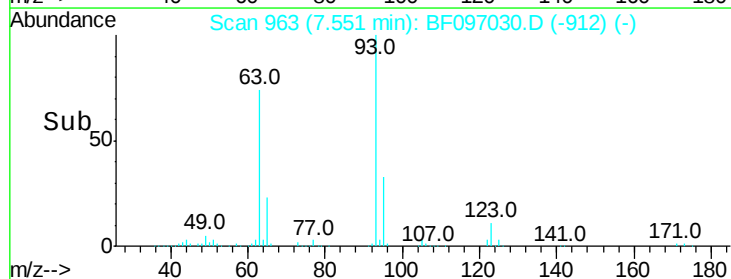
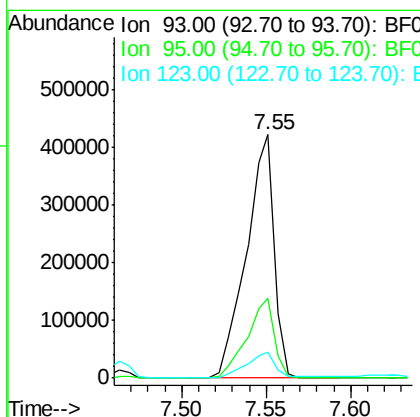
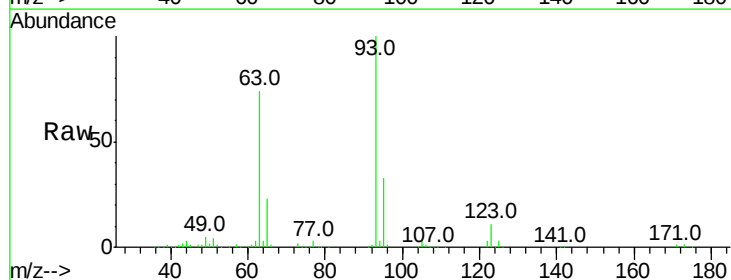
Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

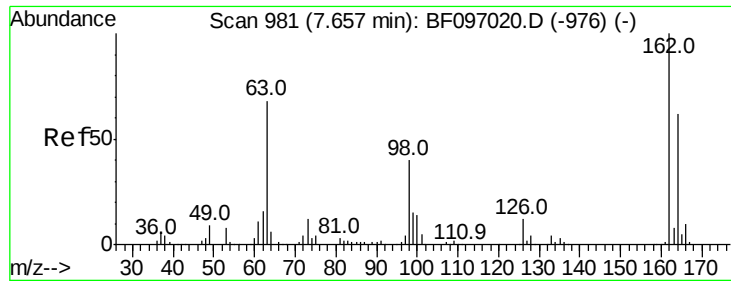
Tot Ion:122 Resp: 349323
 Ion Ratio Lower Upper
 122 100
 107 106.4 89.2 133.8
 121 57.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.806 ng
 RT: 7.55 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion: 93 Resp: 485798
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.6 9.0 13.4

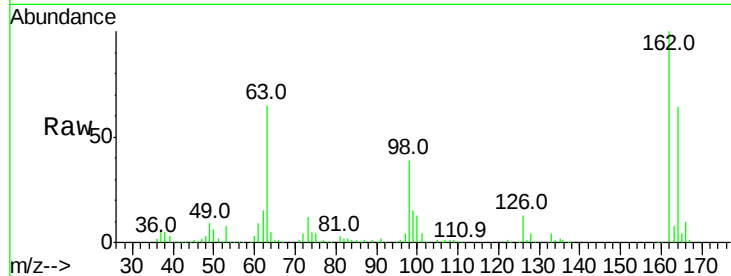




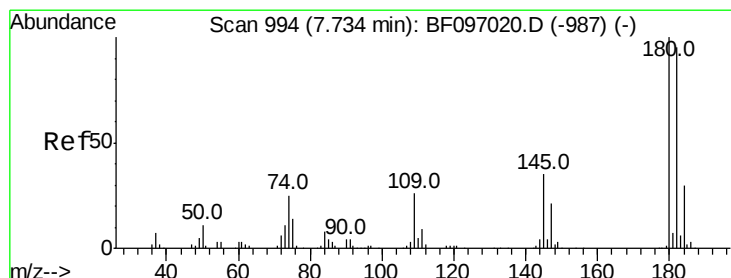
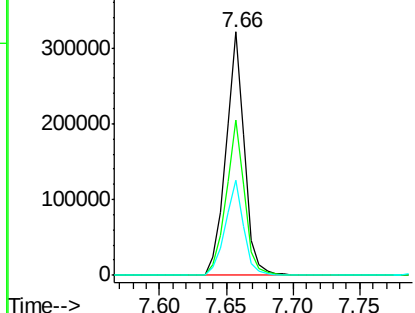
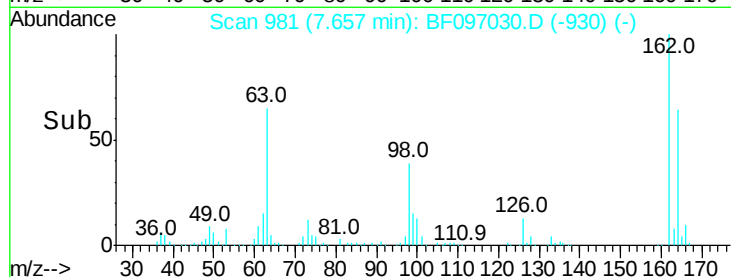
#29
 2,4-Dichlorophenol
 Concen: 39.007 ng
 RT: 7.66 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:162 Resp: 314044
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 38.9 14.8 54.8

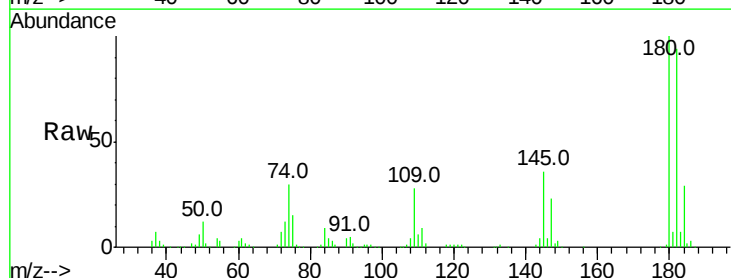


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

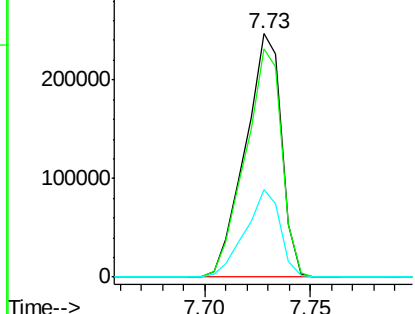
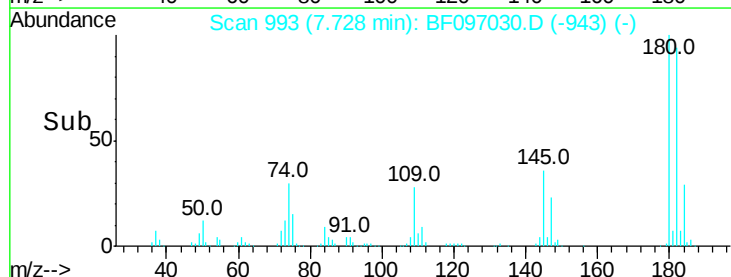


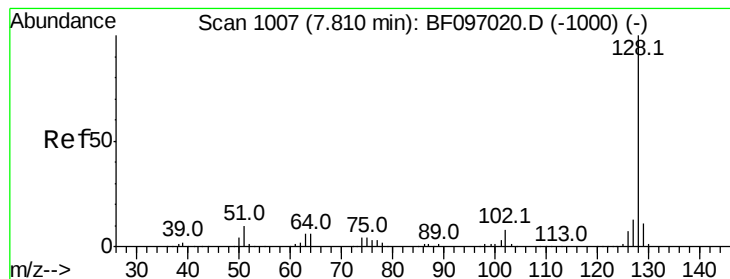
#30
 1,2,4-Trichlorobenzene
 Concen: 38.393 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:180 Resp: 294628
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 35.8 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: 38.477 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

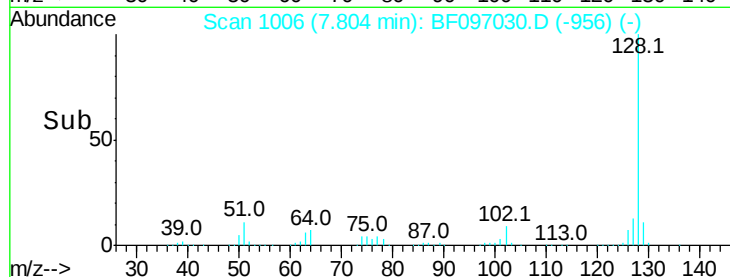
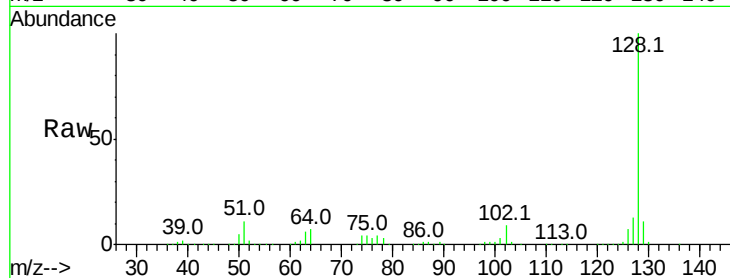
Tot Ion:128 Resp: 1069852

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

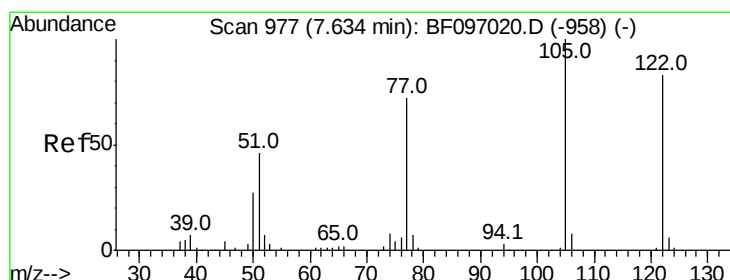
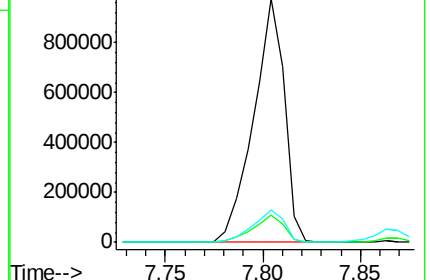
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.875 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

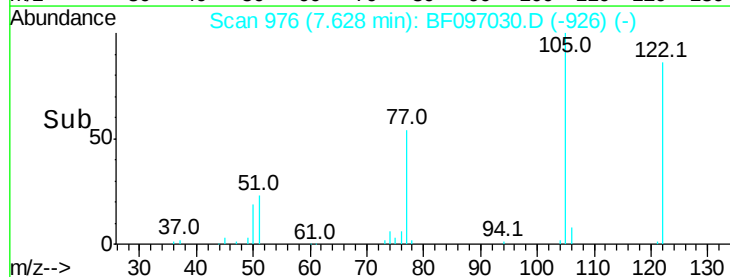
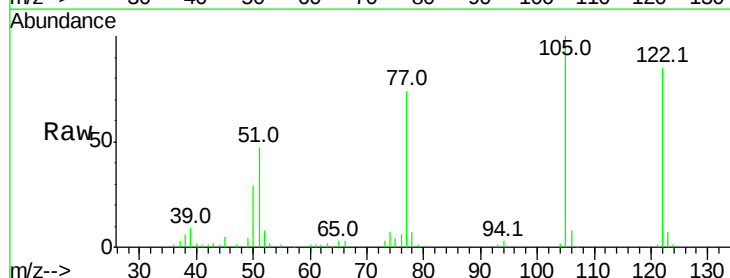
Tgt Ion:122 Resp: 222441

Ion Ratio Lower Upper

122 100

105 117.6 103.3 143.3

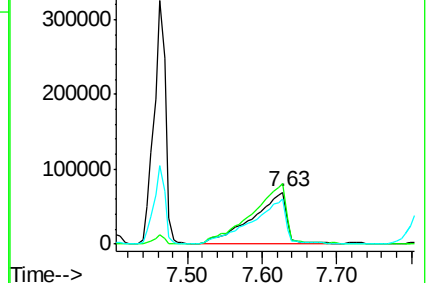
77 86.9 73.7 113.7

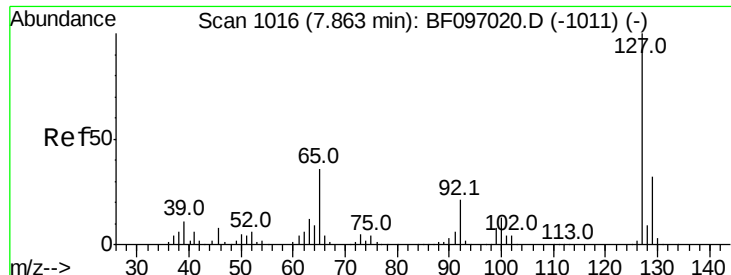


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

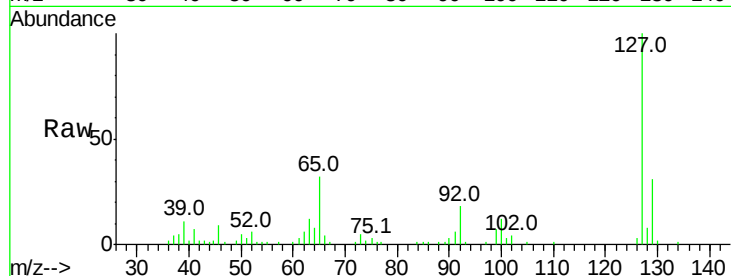




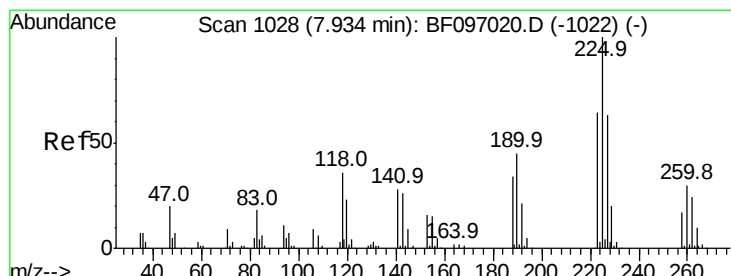
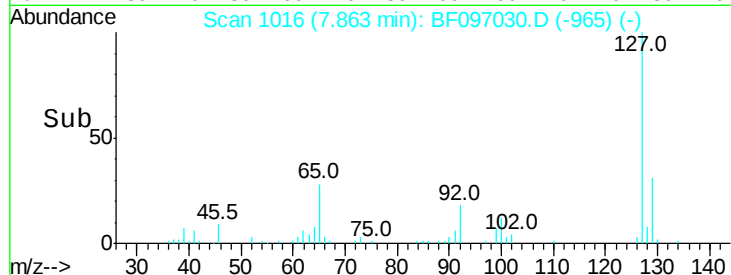
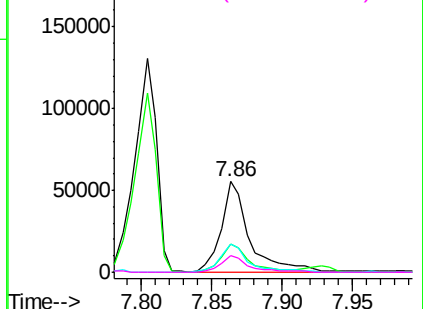
#33
4-Chloroaniline
Concen: 6.745 ng
RT: 7.86 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion:	127	Resp:	76309
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	31.7	27.8	41.8
92	18.2	16.8	25.2

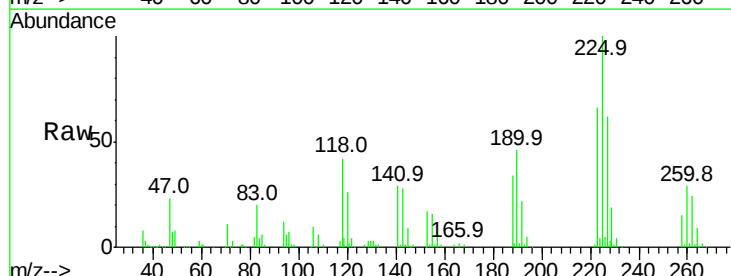


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

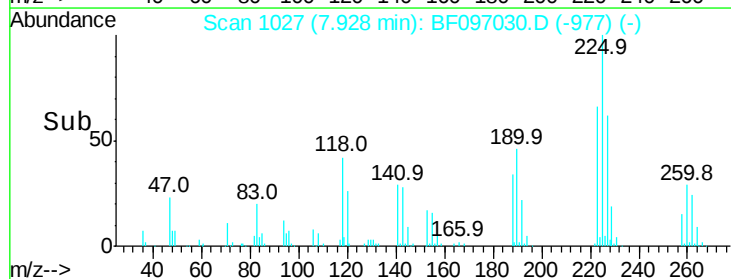
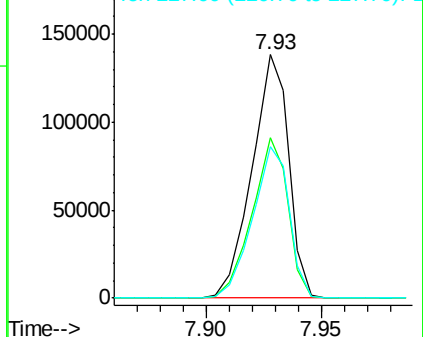


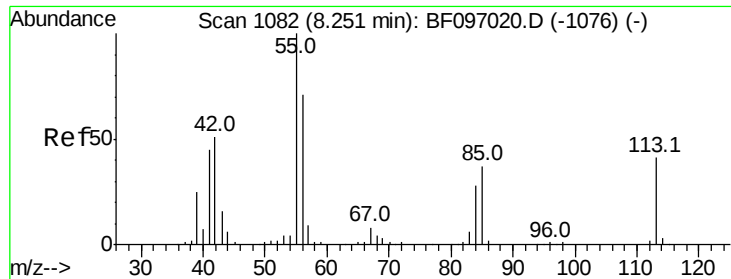
#34
Hexachlorobutadiene
Concen: 37.624 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:	225	Resp:	153067
Ion	Ratio	Lower	Upper
225	100		
223	66.0	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: 24.095 ng

RT: 8.25 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

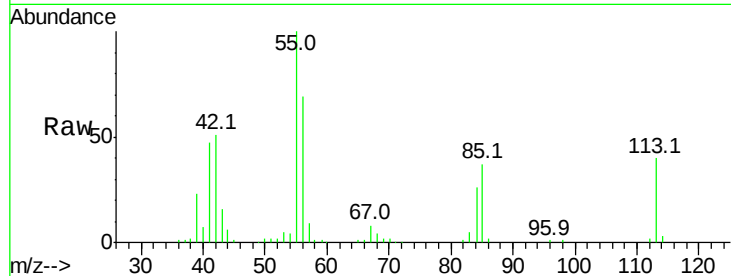
Tot Ion:113 Resp: 62204

Ion Ratio Lower Upper

113 100

55 250.3 150.2 190.2#

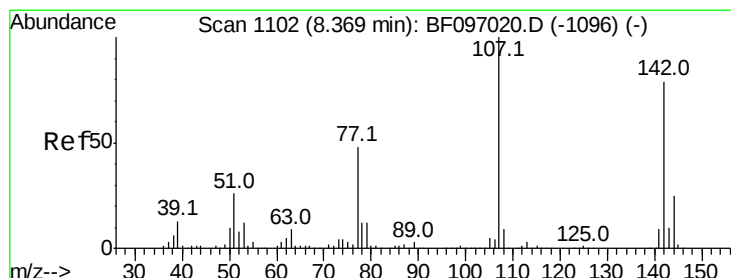
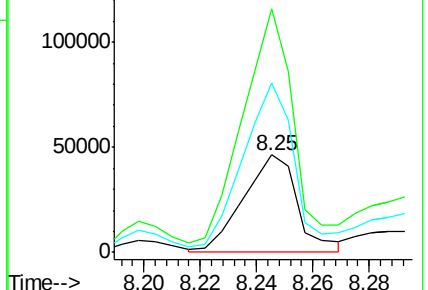
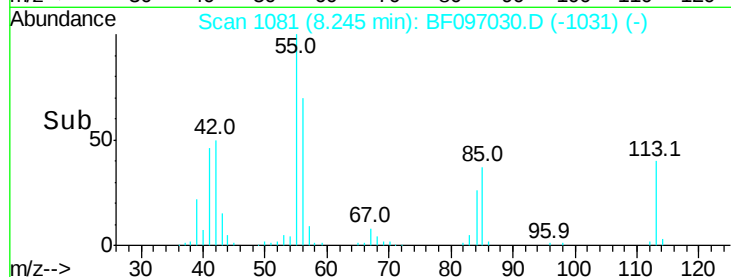
56 173.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.848 ng

RT: 8.37 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

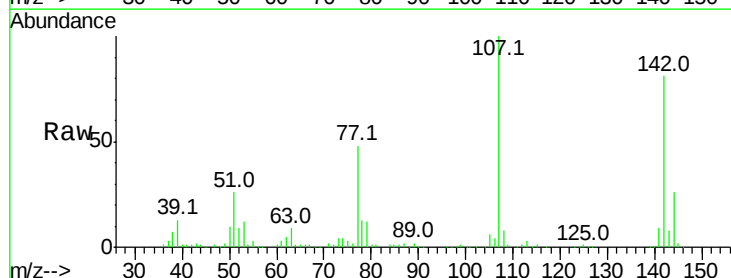
Tgt Ion:107 Resp: 332437

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

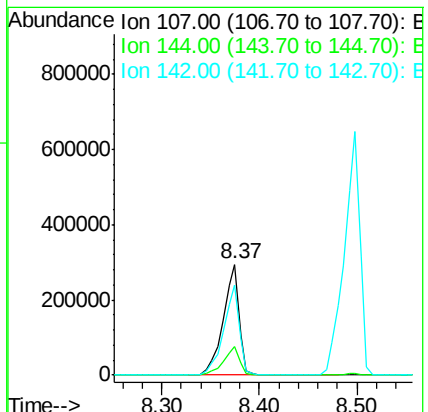
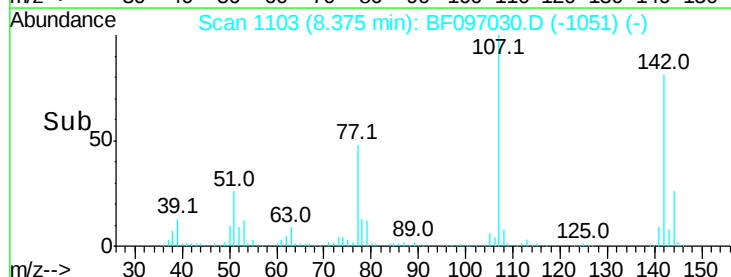
142 81.1 73.4 110.0

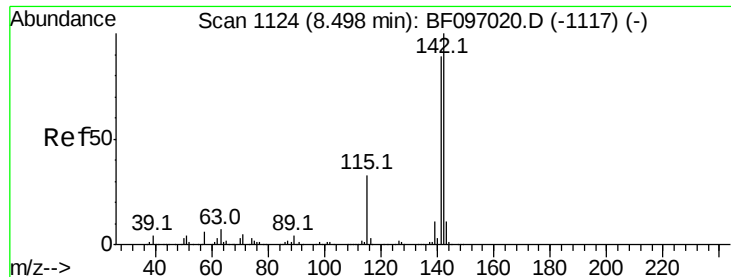


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.262 ng

RT: 8.50 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

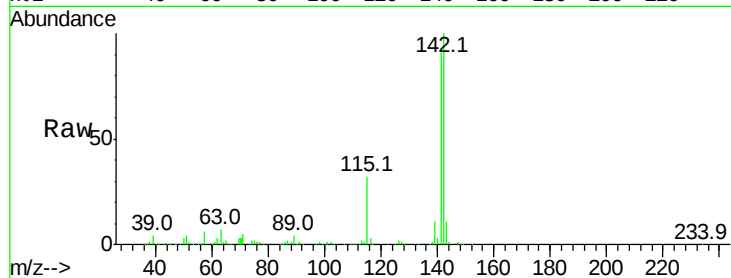
Tot Ion:142 Resp: 726402

Ion Ratio Lower Upper

142 100

141 91.0 71.3 106.9

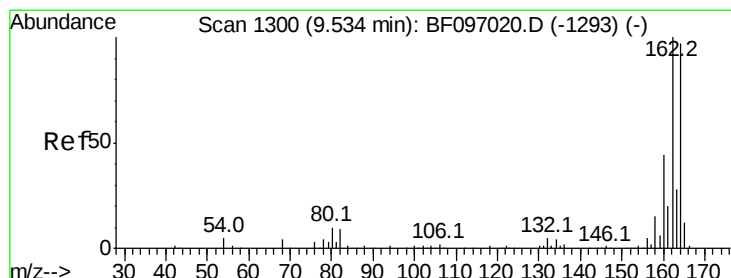
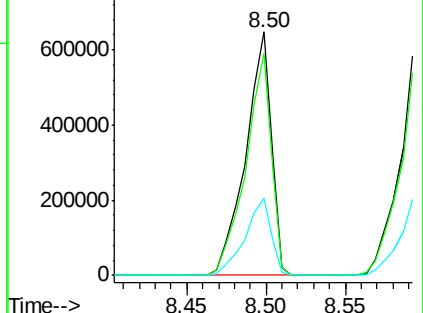
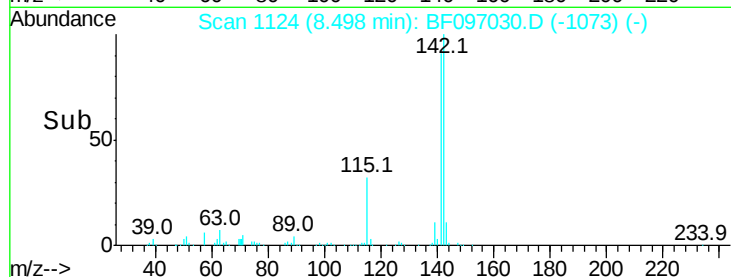
115 32.0 27.1 40.7



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: 9.53 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

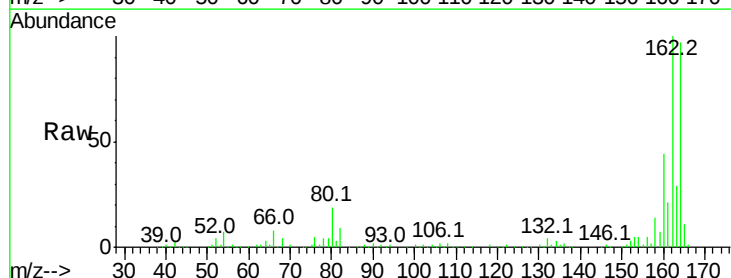
Tgt Ion:164 Resp: 262467

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

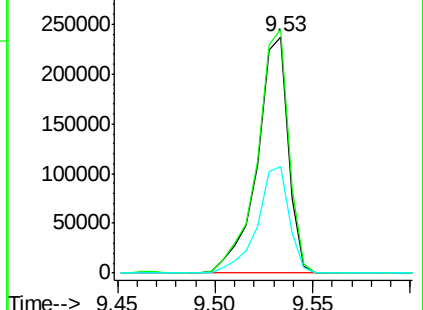
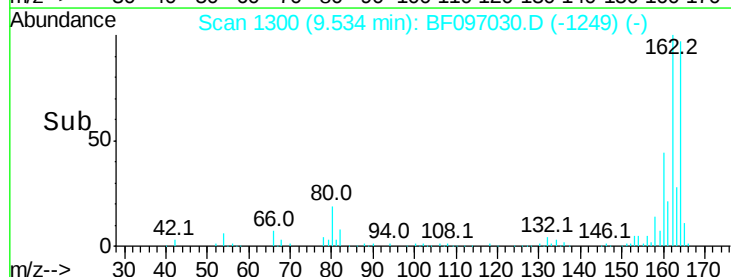
160 45.3 36.2 54.2

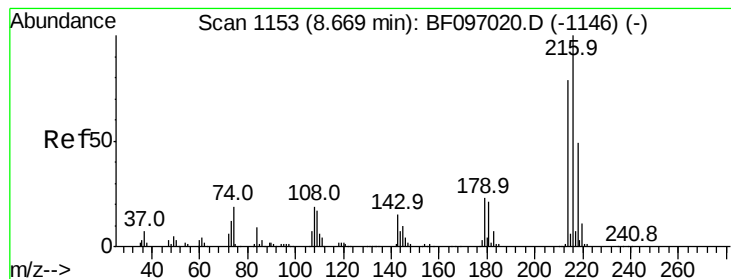


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.367 ng

RT: 8.67 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

Tot Ion:216 Resp: 247687

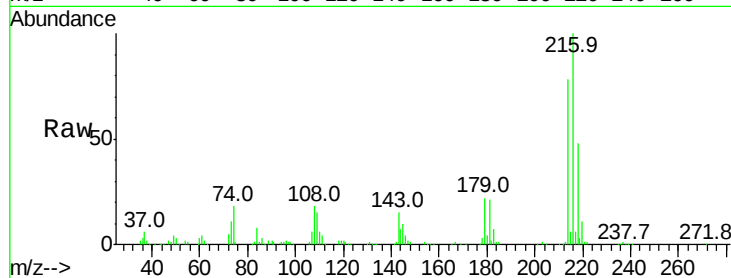
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.4 17.9 26.9

108 23.2 16.5 24.7

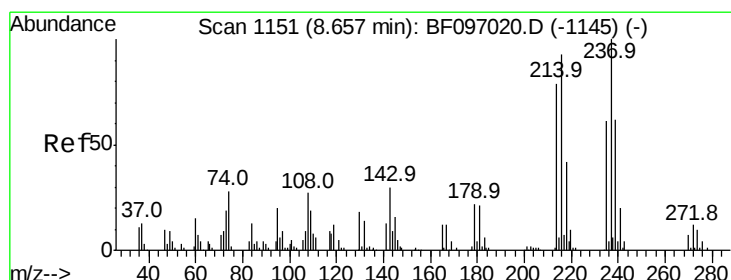
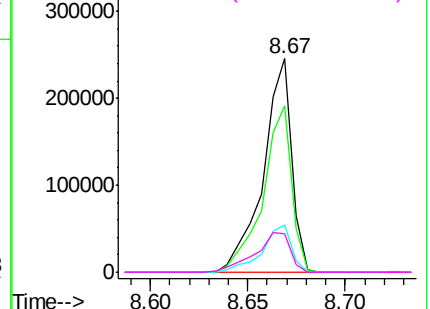
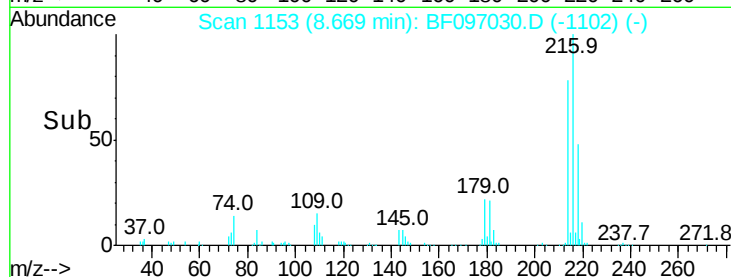


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.426 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

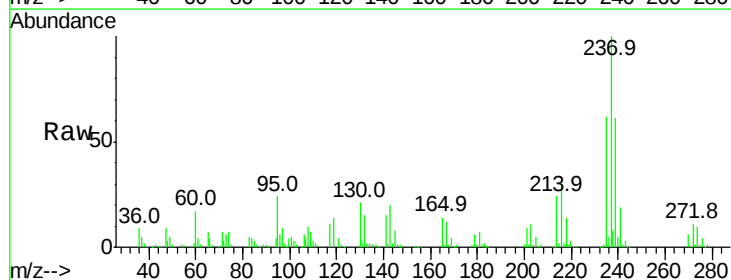
Tgt Ion:237 Resp: 207728

Ion Ratio Lower Upper

237 100

235 61.5 42.6 82.6

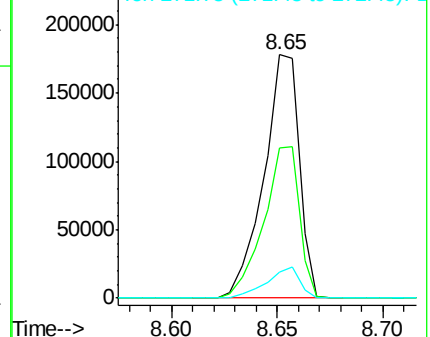
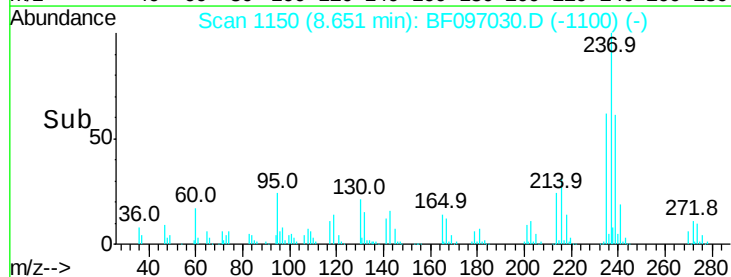
272 10.9 0.0 31.9

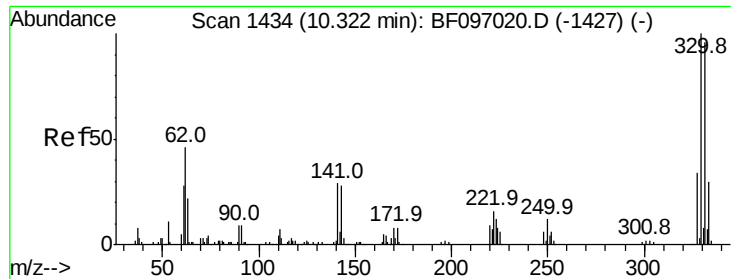


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

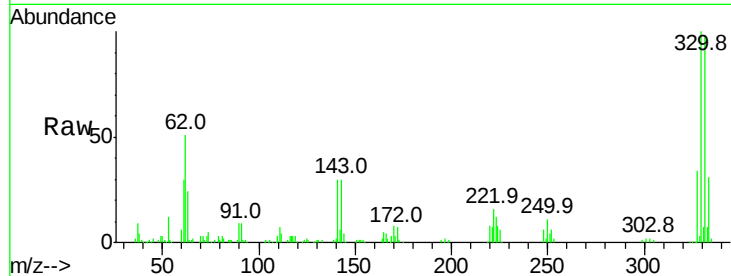




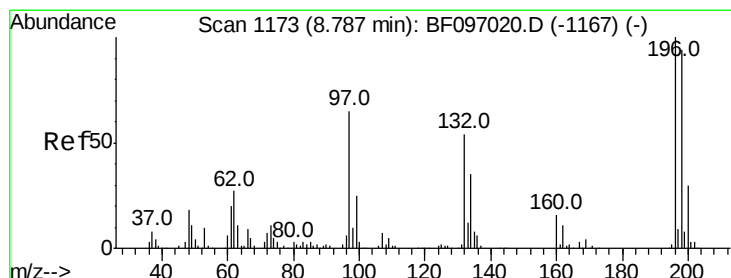
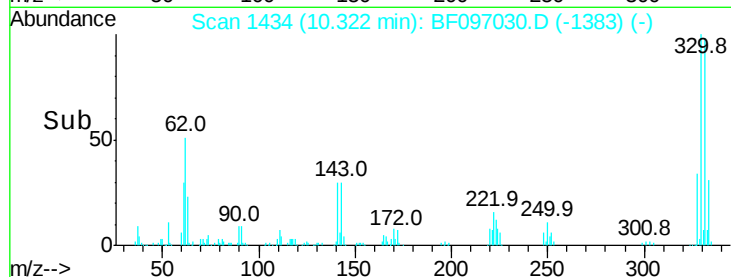
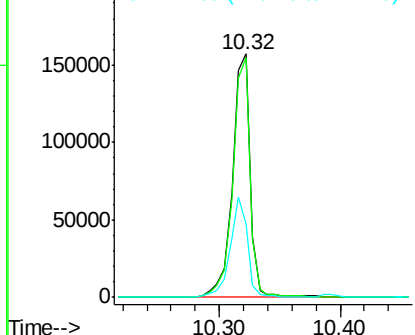
#41
 2,4,6-Tribromophenol
 Concen: 77.827 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	39.9	31.4	47.2

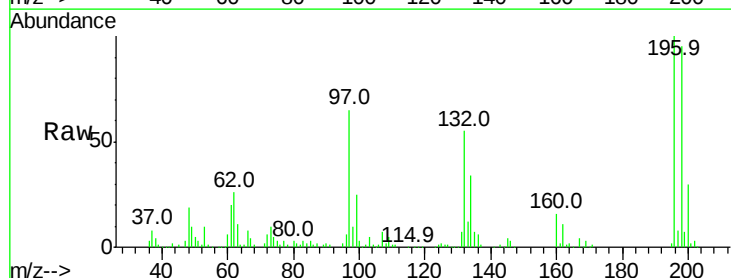


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

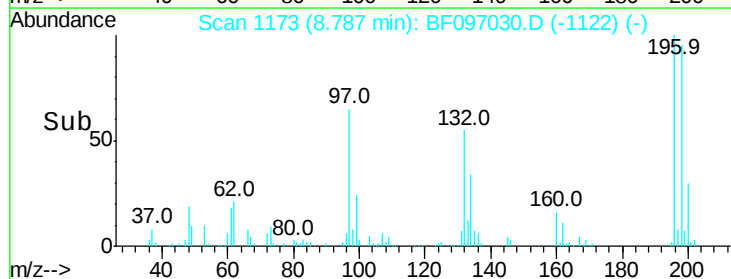
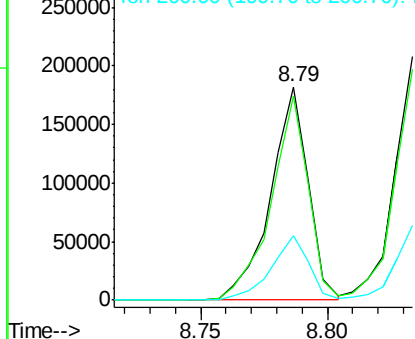


#42
 2,4,6-Trichlorophenol
 Concen: 37.176 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.2	111.4
200	30.3	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

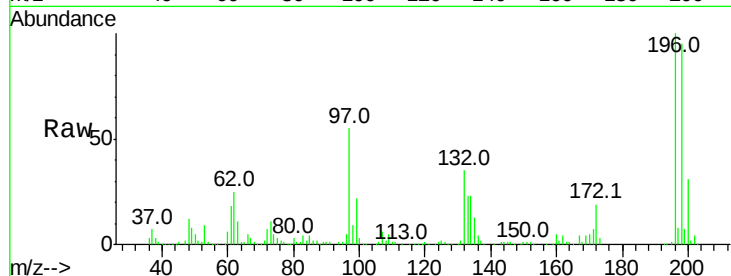




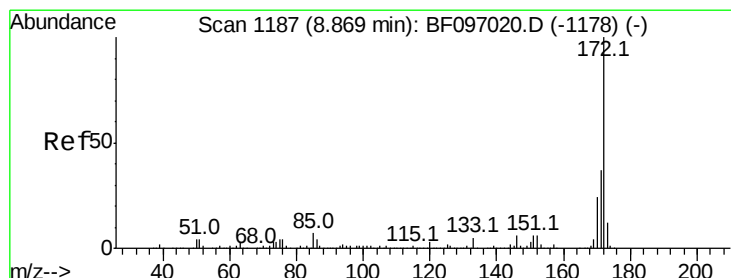
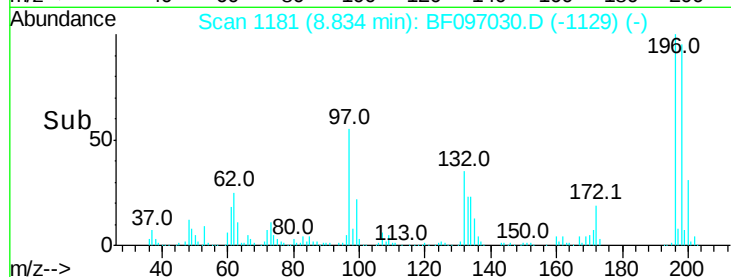
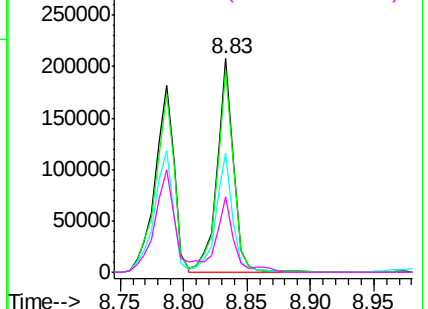
#43
 2,4,5-Trichlorophenol
 Concen: 37.310 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:196 Resp: 189525
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 55.5 47.7 71.5
 132 35.2 28.0 42.0

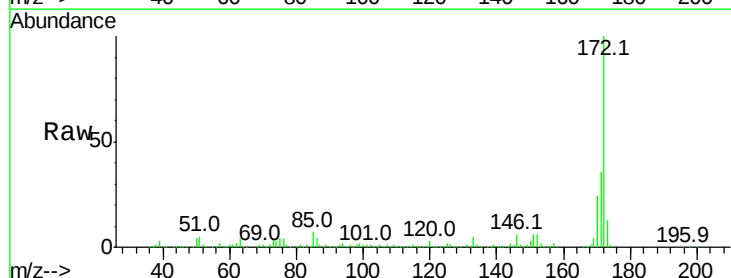


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

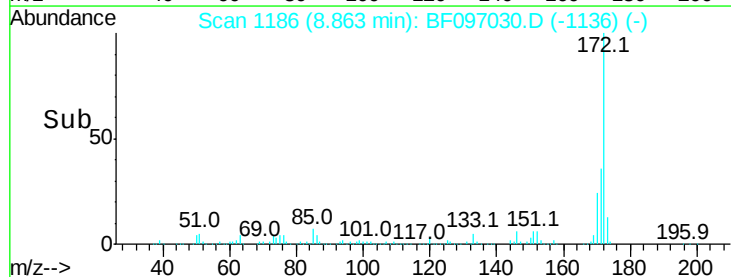
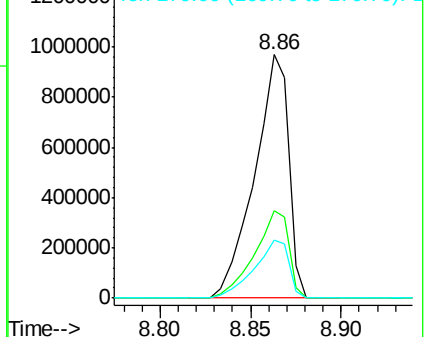


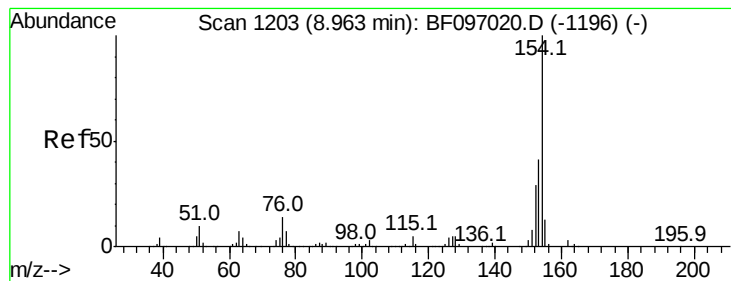
#44
 2-Fluorobiphenyl
 Concen: 81.980 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:172 Resp: 1267878
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 35.323 ng

RT: 8.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

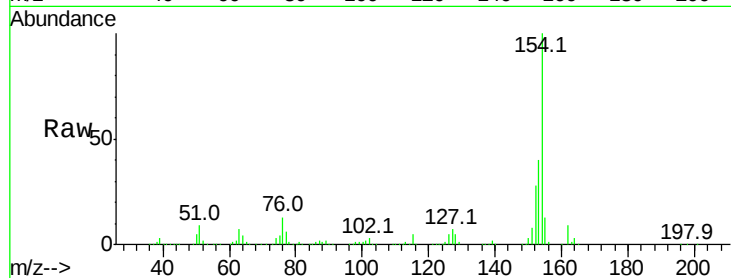
Tot Ion:154 Resp: 791892

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

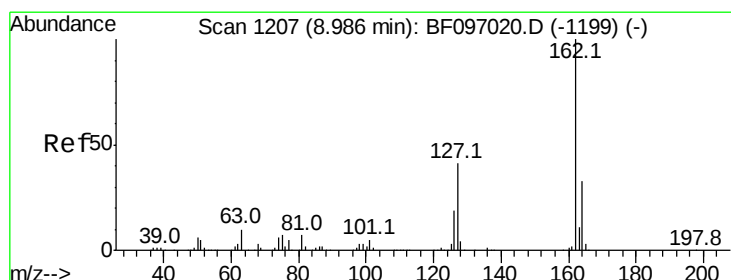
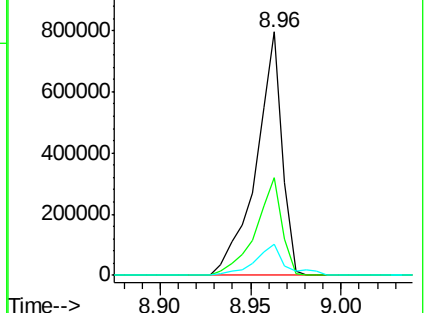
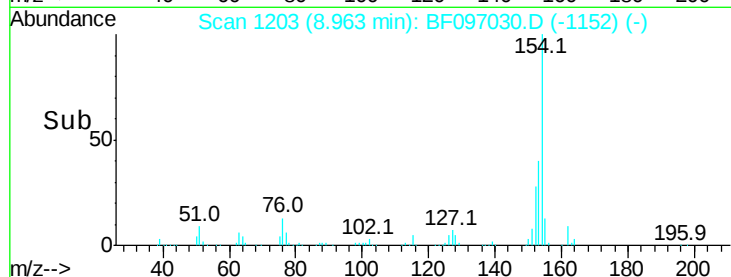
76 13.0 0.0 29.9



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: 37.165 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

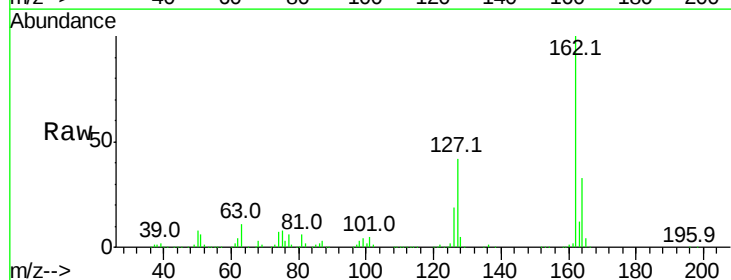
Tgt Ion:162 Resp: 613127

Ion Ratio Lower Upper

162 100

127 41.8 28.3 42.5

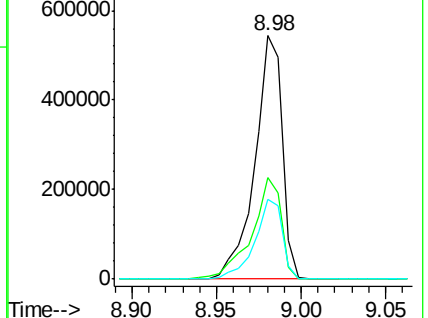
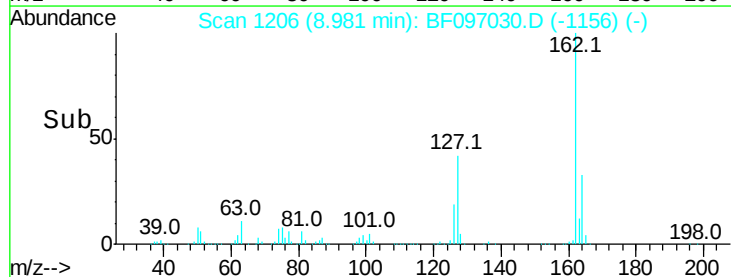
164 32.9 27.0 40.4

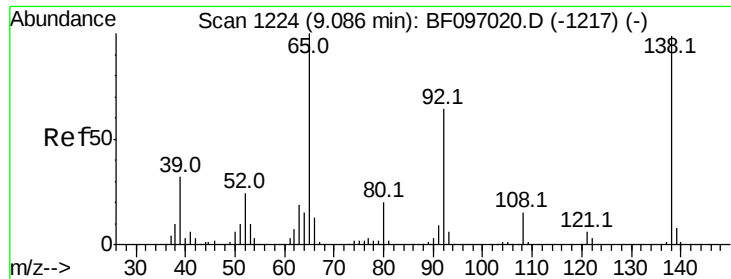


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

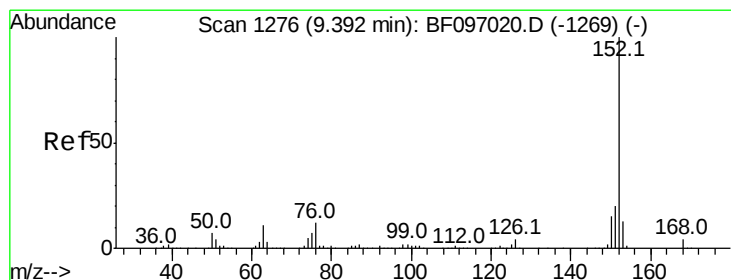
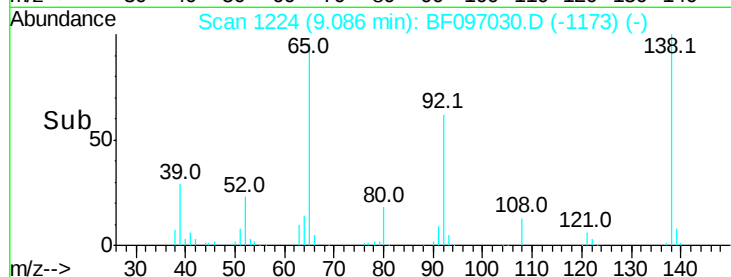
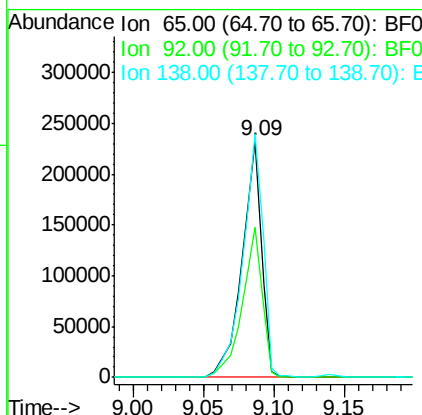
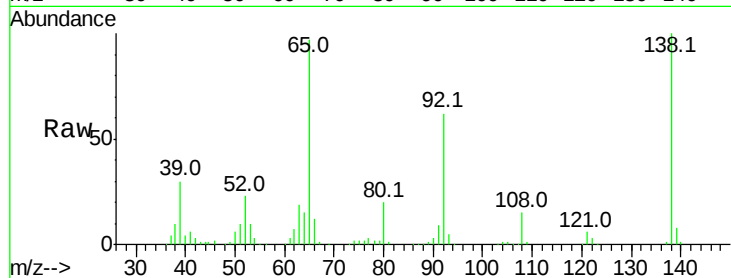




#47
2-Nitroaniline
Concen: 37.557 ng
RT: 9.09 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

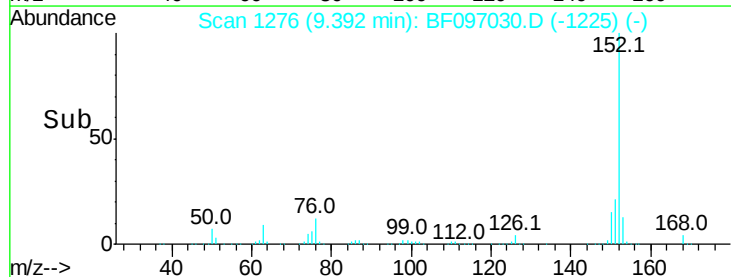
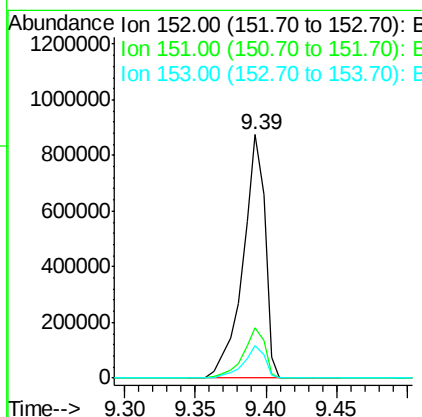
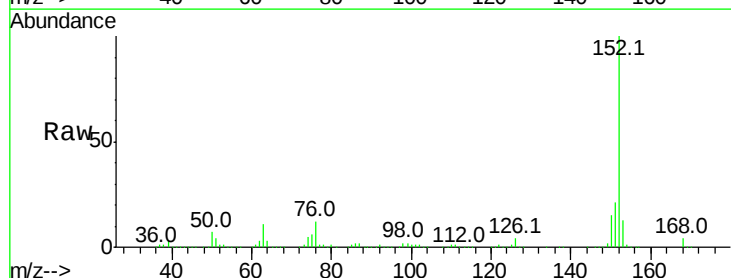
Instrument :
BNA_F
ClientSampleId :
PB100892BS

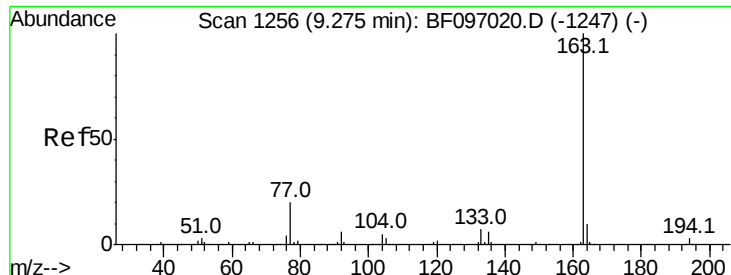
Tot Ion: 65 Resp: 224857
Ion Ratio Lower Upper
65 100
92 63.8 53.9 80.9
138 103.0 78.8 118.2



#48
Acenaphthylene
Concen: 37.606 ng
RT: 9.39 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion: 152 Resp: 952270
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.1 10.8 16.2

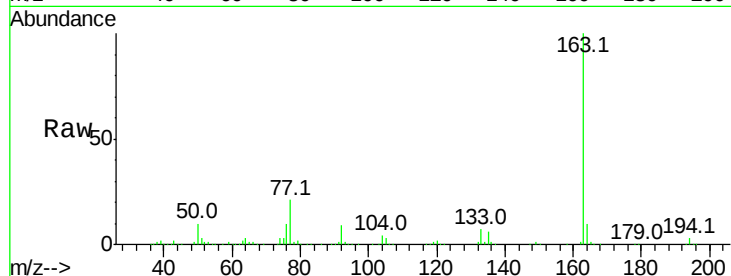




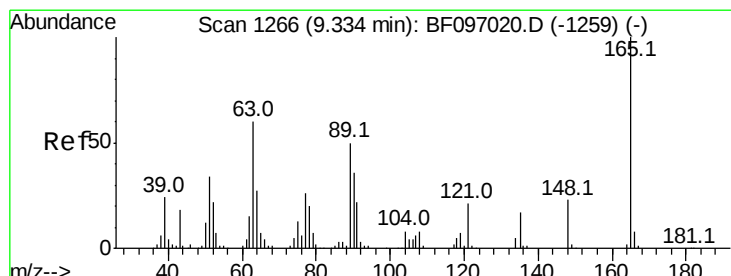
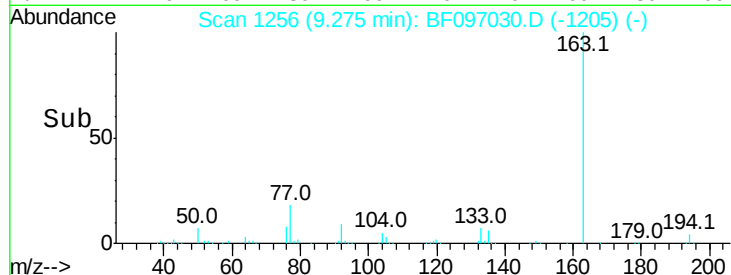
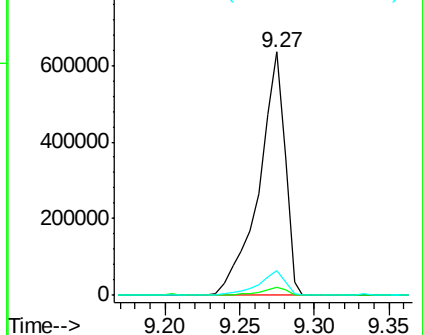
#49
Dimethylphthalate
Concen: 38.223 ng
RT: 9.27 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion:163 Resp: 761841
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6

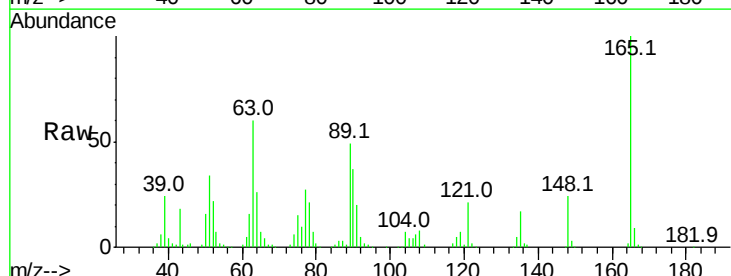


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

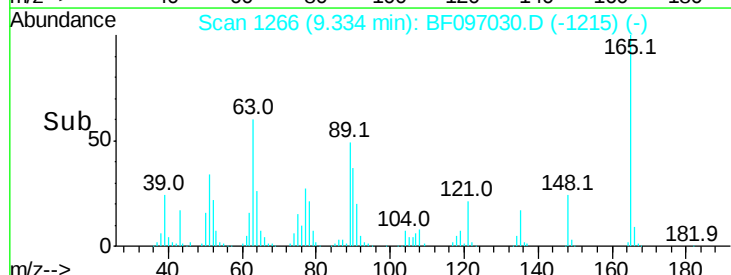
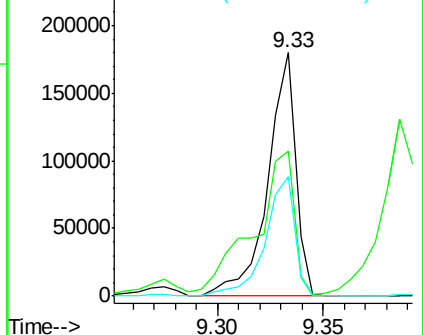


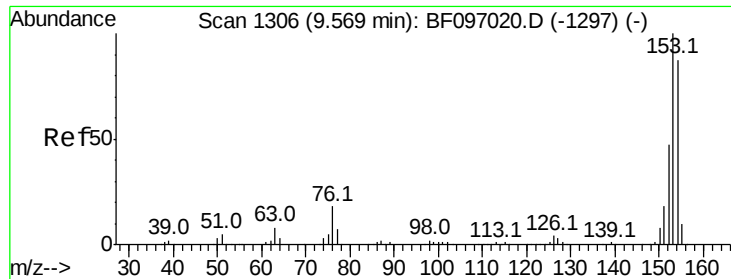
#50
2,6-Dinitrotoluene
Concen: 39.295 ng
RT: 9.33 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:165 Resp: 166111
Ion Ratio Lower Upper
165 100
63 59.8 34.3 51.5#
89 49.0 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: 37.653 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

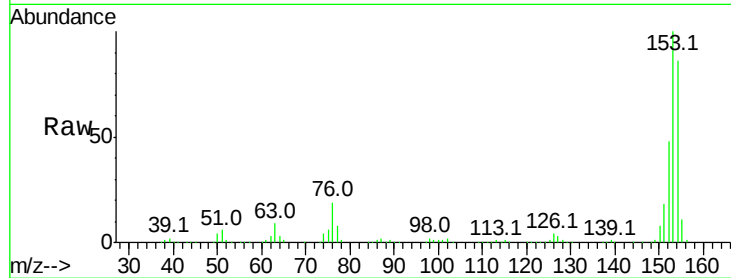
Tot Ion:154 Resp: 561625

Ion Ratio Lower Upper

154 100

153 116.3 90.5 135.7

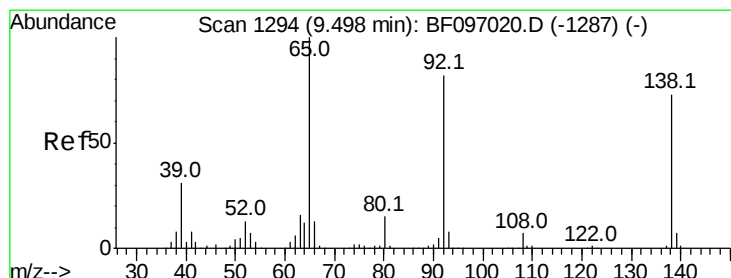
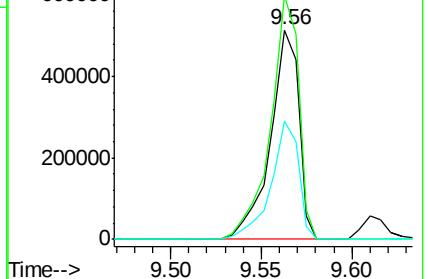
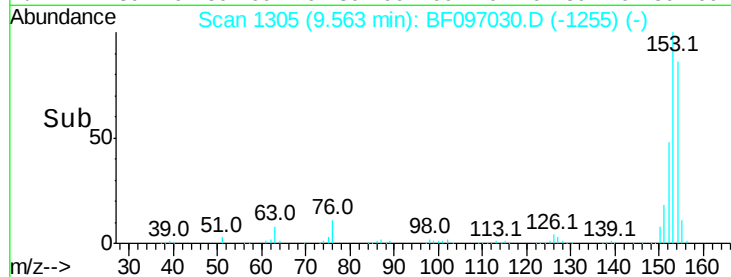
152 56.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.810 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

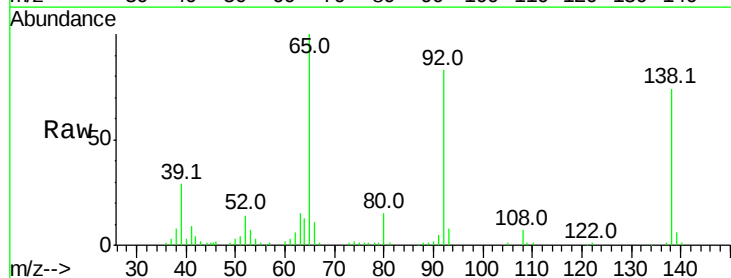
Tgt Ion:138 Resp: 61970

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

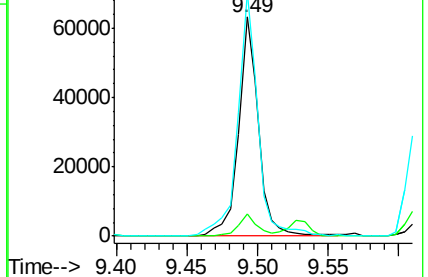
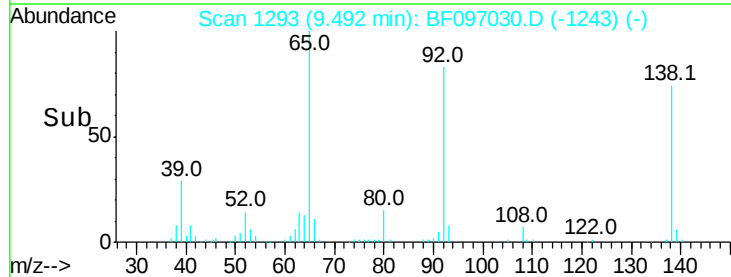
92 111.1 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

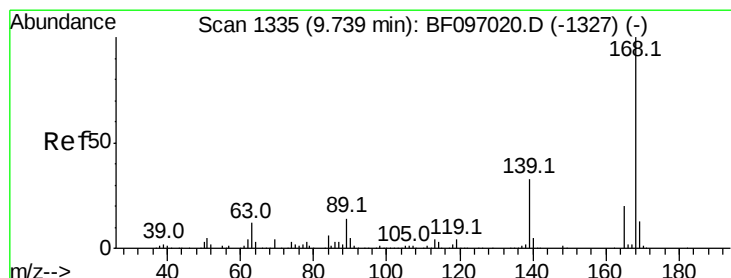
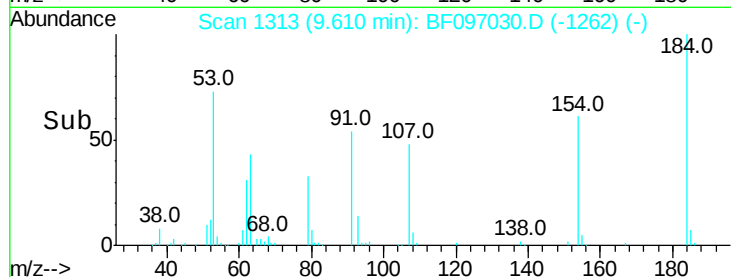
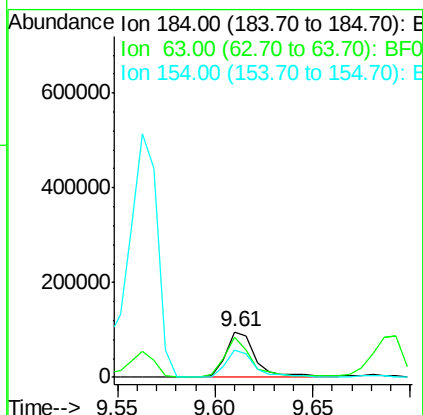
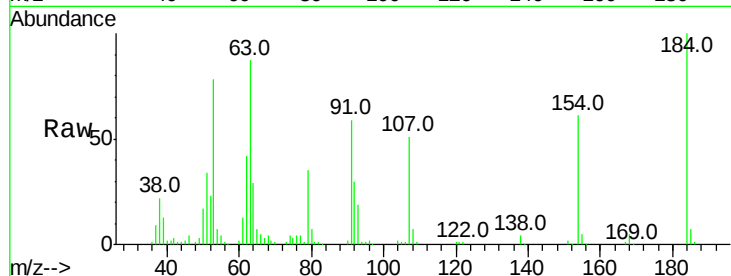




#53
 2,4-Dinitrophenol
 Concen: 53.600 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

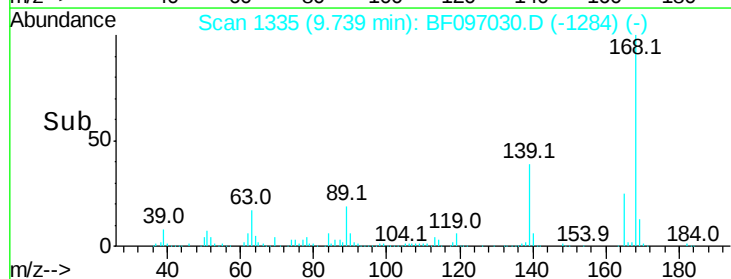
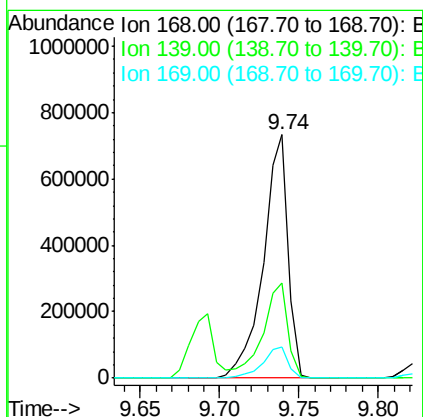
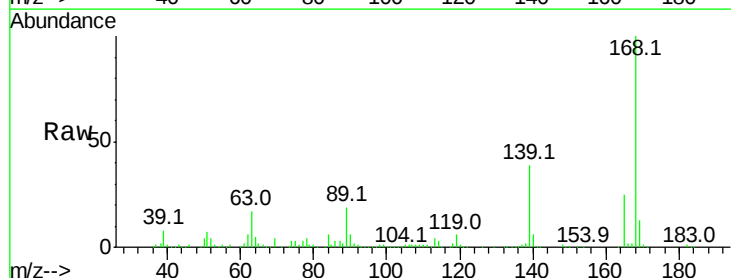
Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

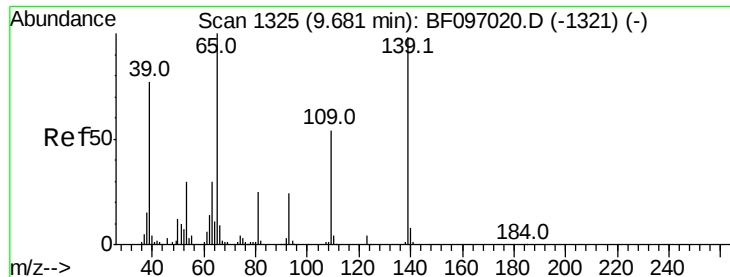
Tot Ion:184 Resp: 103023
 Ion Ratio Lower Upper
 184 100
 63 87.4 62.7 94.1
 154 61.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.387 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:168 Resp: 802379
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 63.700 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

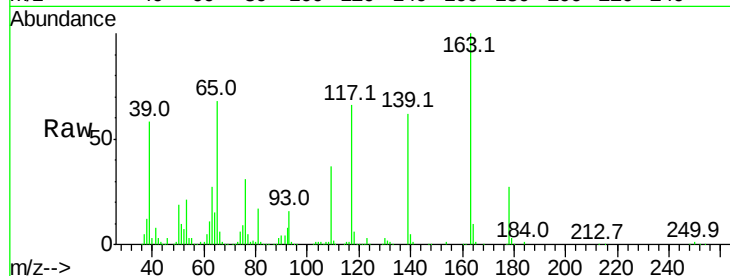
Tot Ion:139 Resp: 198768

Ion Ratio Lower Upper

139 100

109 59.2 34.1 74.1

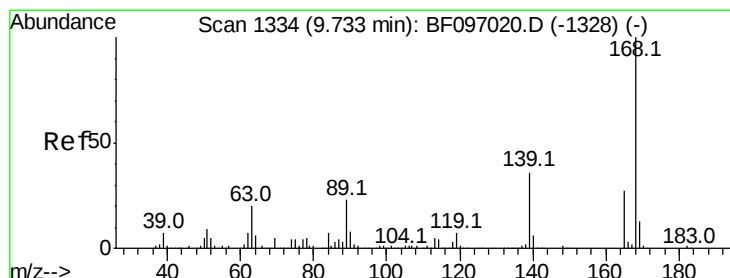
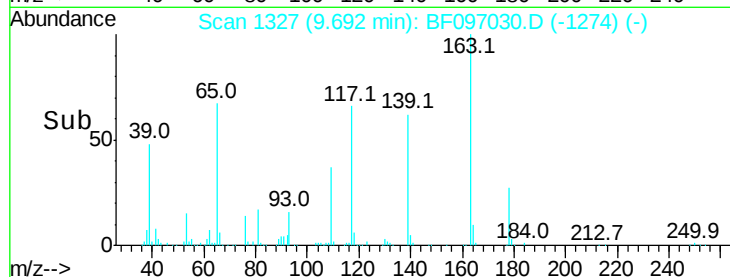
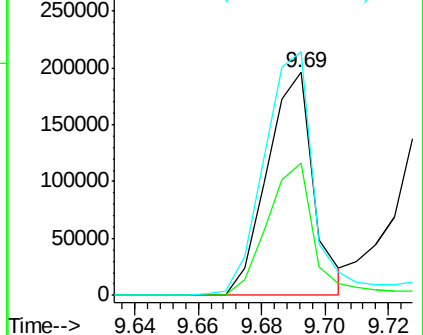
65 109.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.586 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:165 Resp: 187512

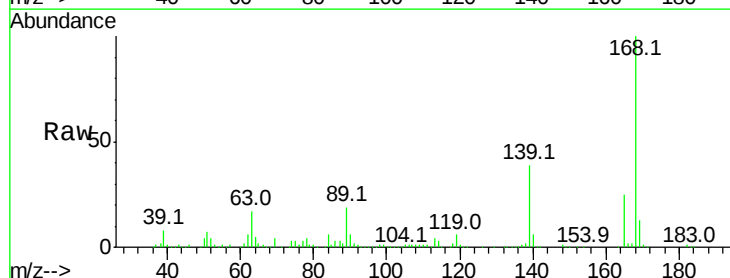
Ion Ratio Lower Upper

165 100

63 68.9 25.4 38.0#

89 73.1 46.4 69.6#

182 2.0 1.8 2.6

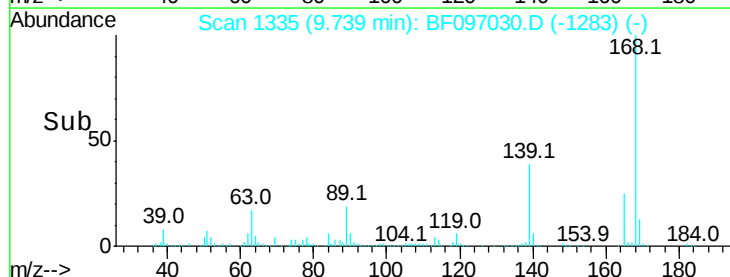
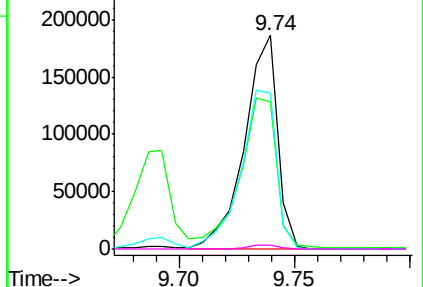


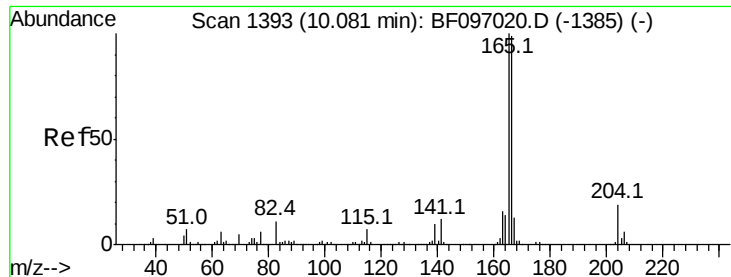
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.743 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

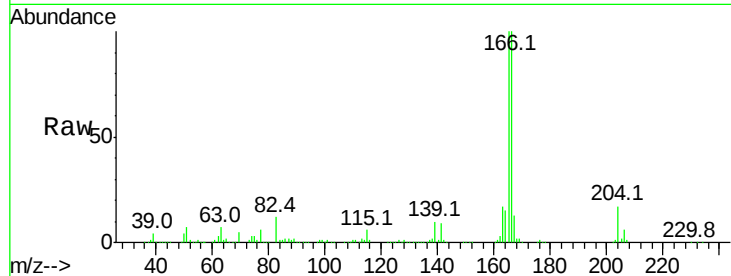
Tot Ion:166 Resp: 608388

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

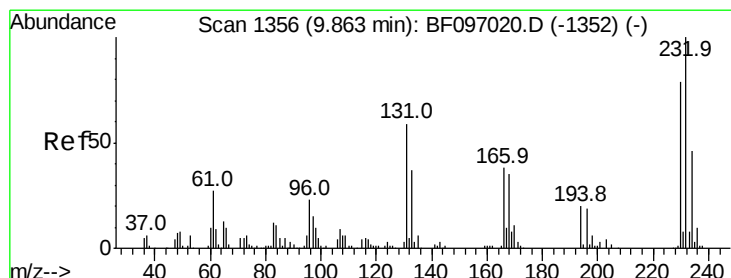
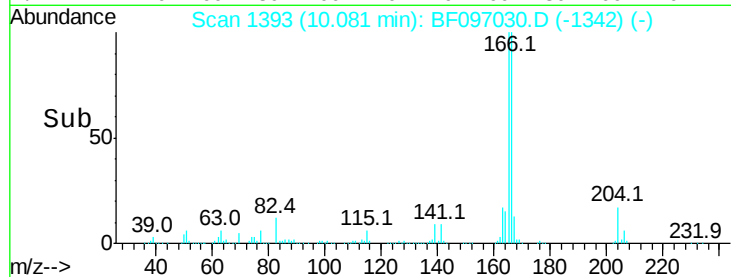
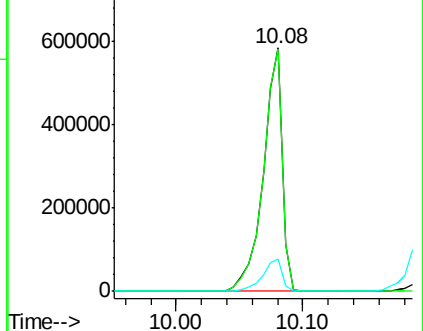
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.570 ng

RT: 9.86 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:232 Resp: 145802

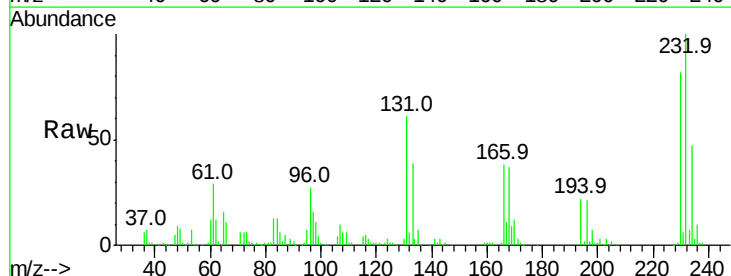
Ion Ratio Lower Upper

232 100

131 57.1 44.8 67.2

130 2.7 2.3 3.5

166 35.4 29.0 43.4

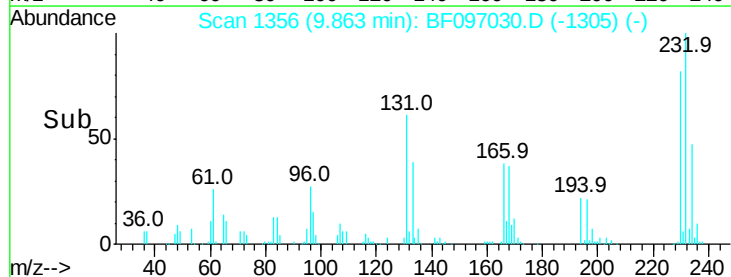
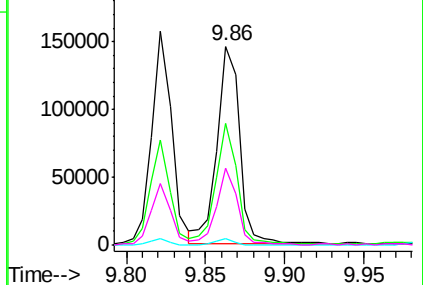


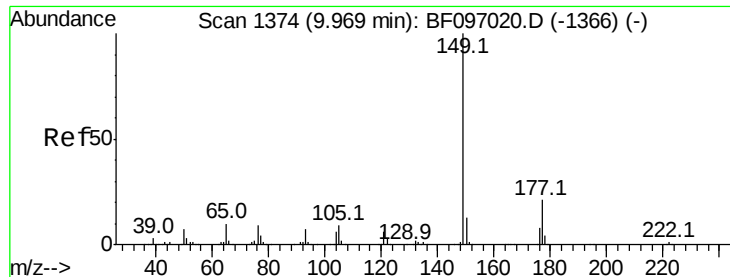
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

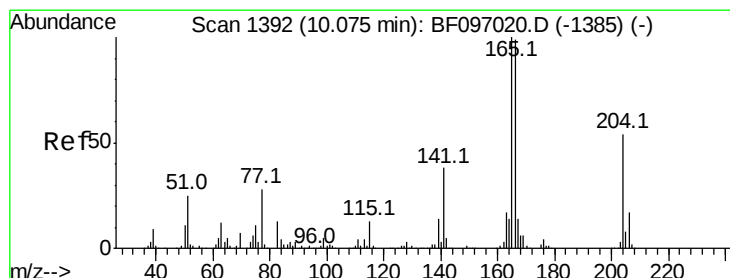
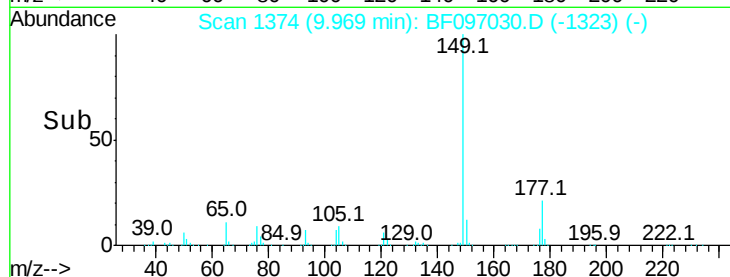
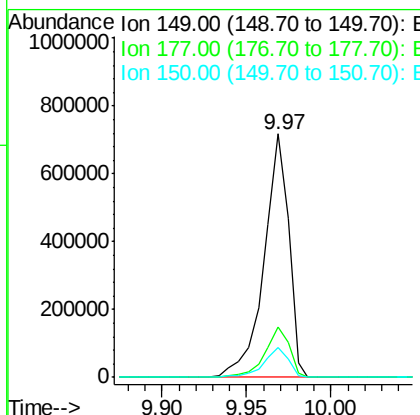
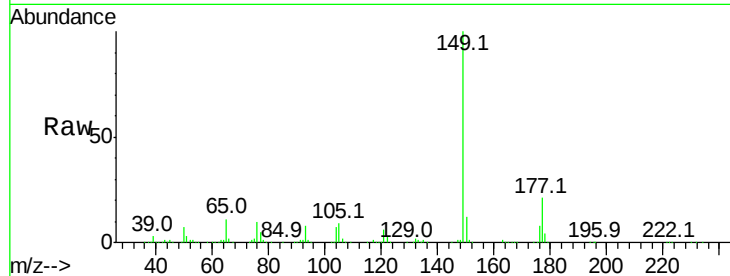




#59
Diethylphthalate
Concen: 39.601 ng
RT: 9.97 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

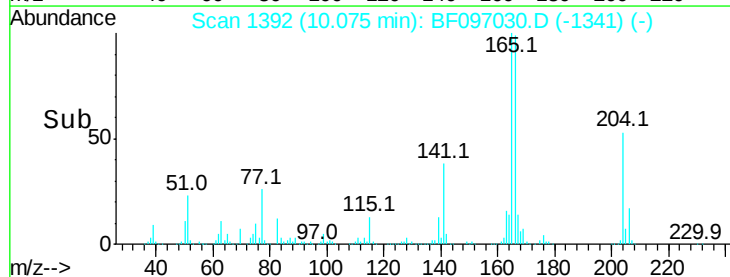
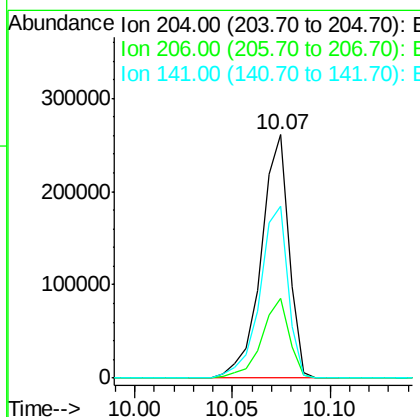
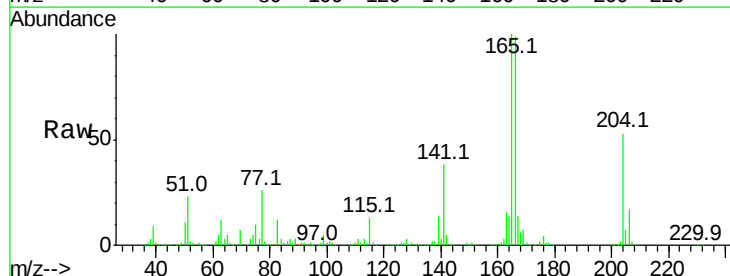
Instrument :
BNA_F
ClientSampleId :
PB100892BS

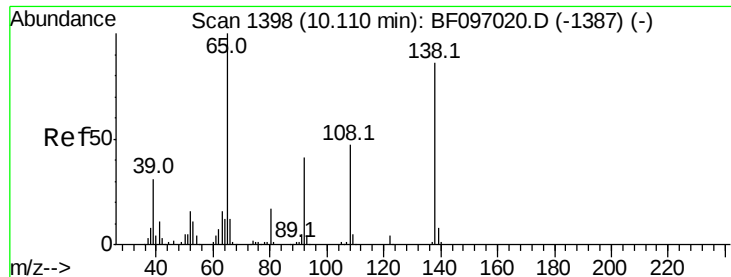
Tot Ion:149 Resp: 724122
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.810 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:204 Resp: 257808
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 70.8 60.8 91.2





#61

4-Nitroaniline

Concen: 34.336 ng

RT: 10.11 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

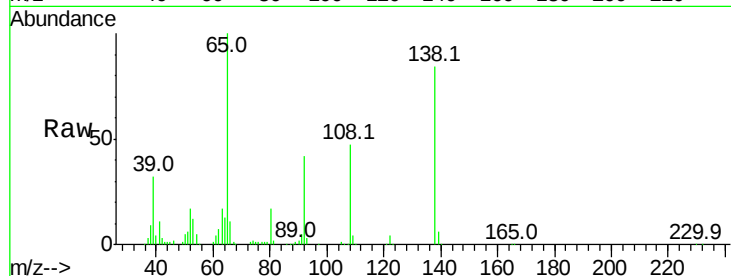
Tot Ion:138 Resp: 171189

Ion Ratio Lower Upper

138 100

92 49.6 21.8 61.8

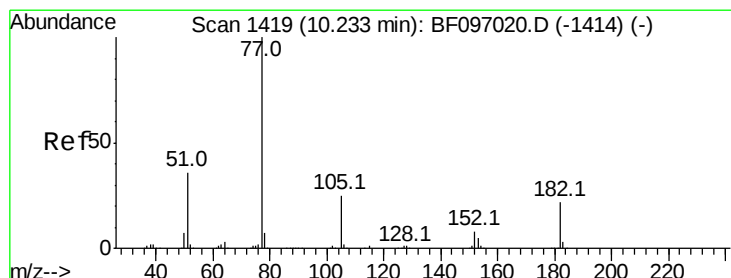
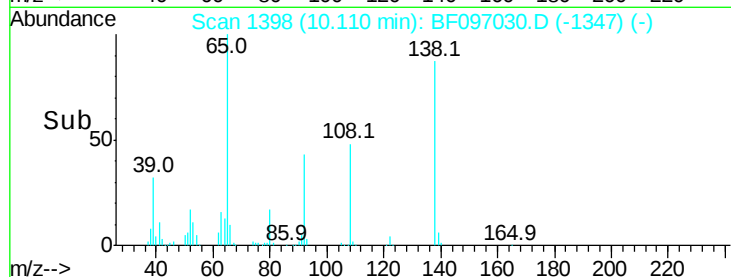
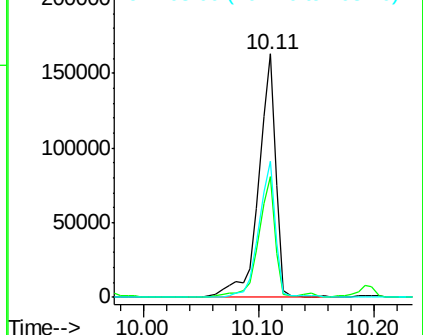
108 55.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.076 ng

RT: 10.23 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion: 77 Resp: 764647

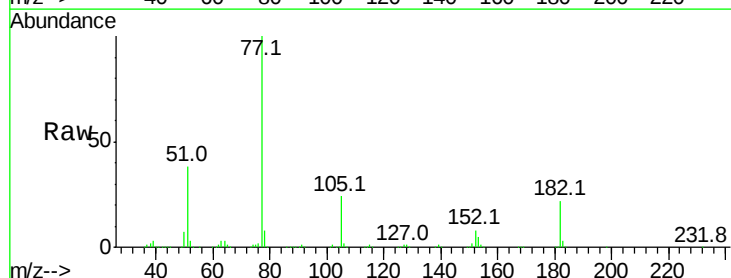
Ion Ratio Lower Upper

77 100

182 21.8 0.1 40.1

105 24.1 3.6 43.6

51 37.8 9.4 49.4

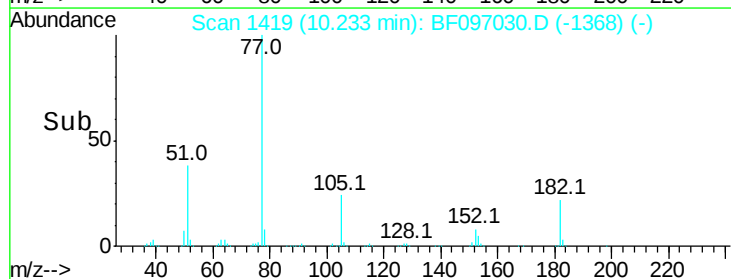
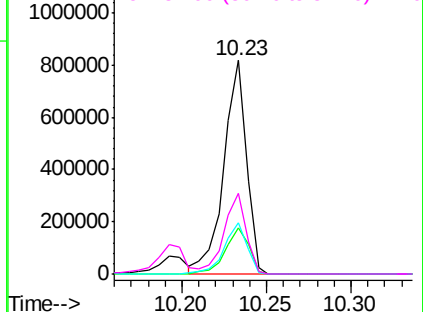


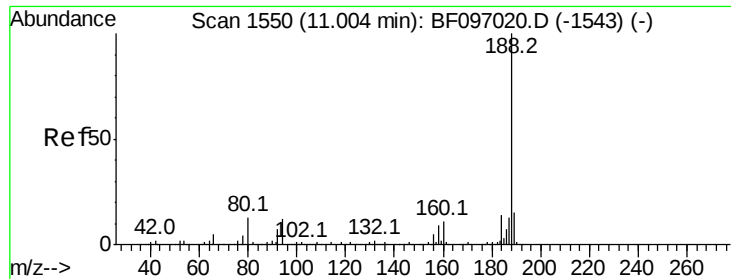
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

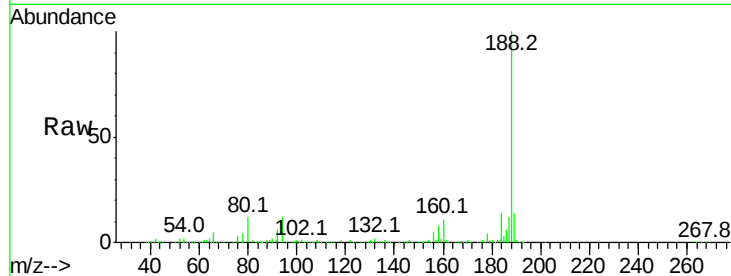
Tot Ion:188 Resp: 451397

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

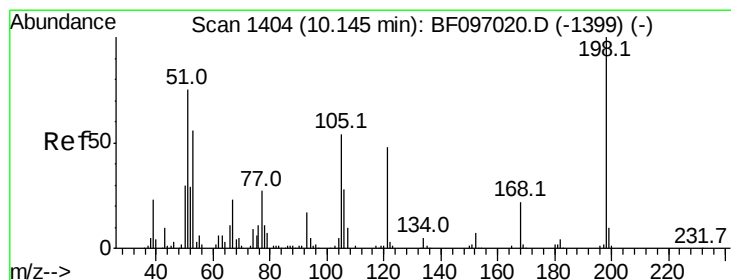
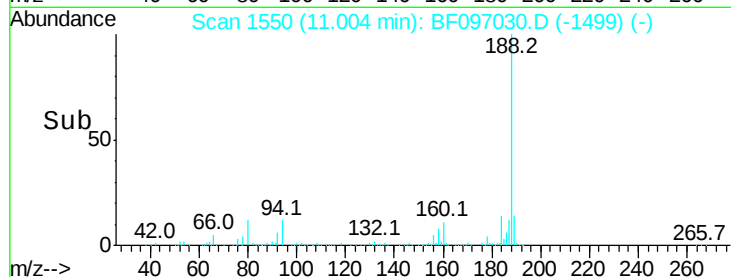
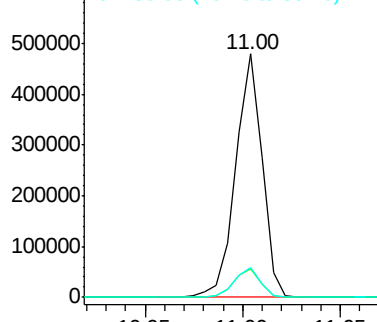
80 12.1 10.2 15.2



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: 30.871 ng

RT: 10.15 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

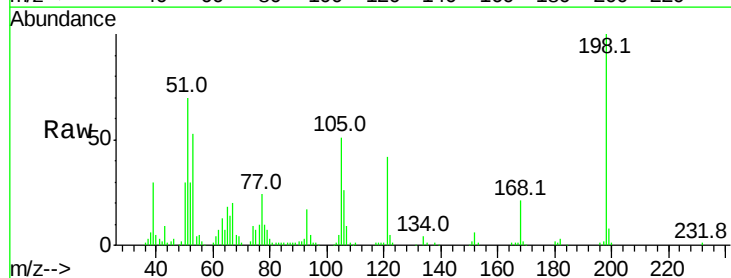
Tgt Ion:198 Resp: 86591

Ion Ratio Lower Upper

198 100

51 69.9 53.2 93.2

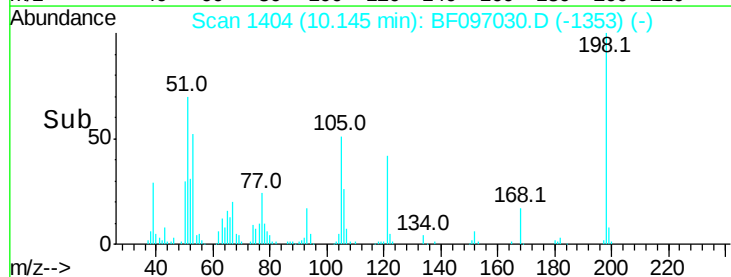
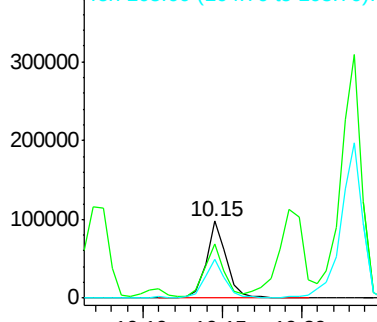
105 50.5 45.8 85.8

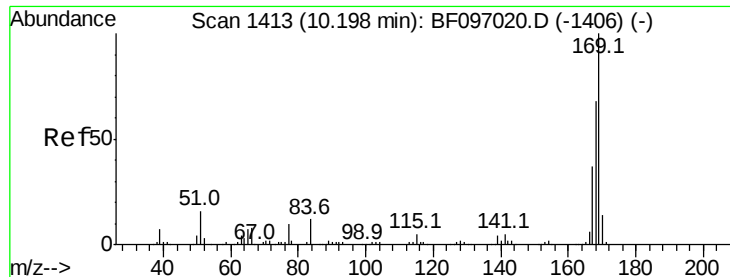


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.268 ng

RT: 10.20 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

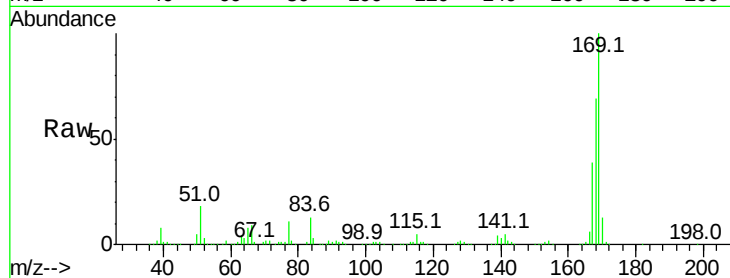
Tot Ion:169 Resp: 601041

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

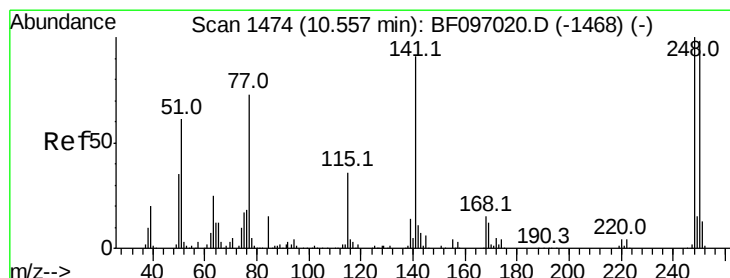
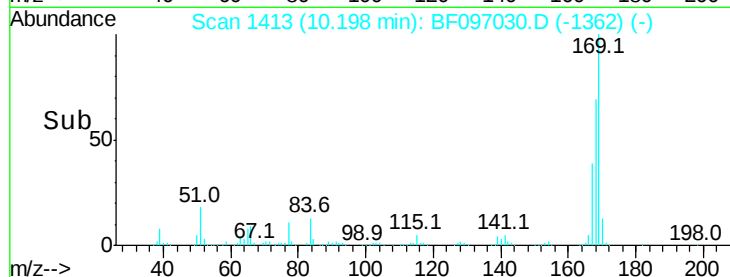
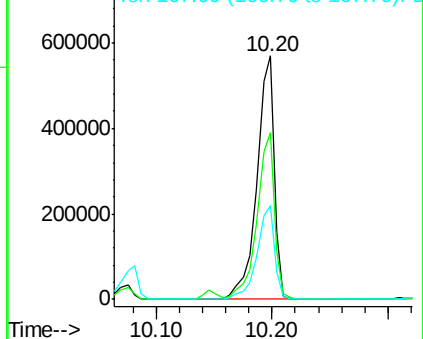
167 38.7 29.5 44.3



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: 40.852 ng

RT: 10.56 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

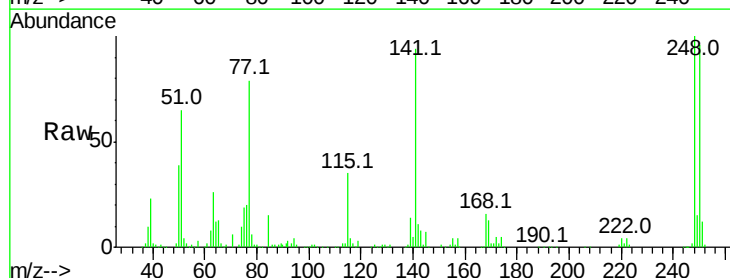
Tgt Ion:248 Resp: 184030

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

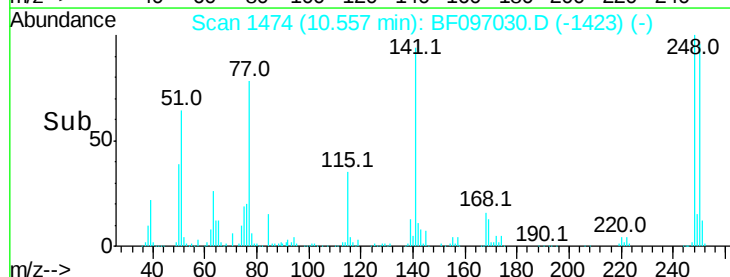
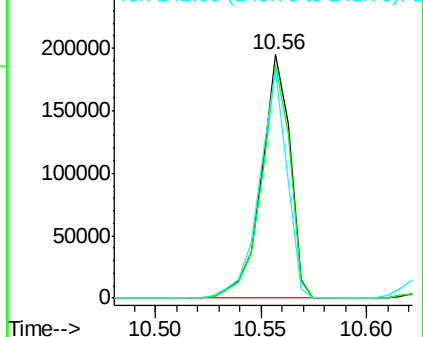
141 93.7 68.6 103.0



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: 36.720 ng

RT: 10.63 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

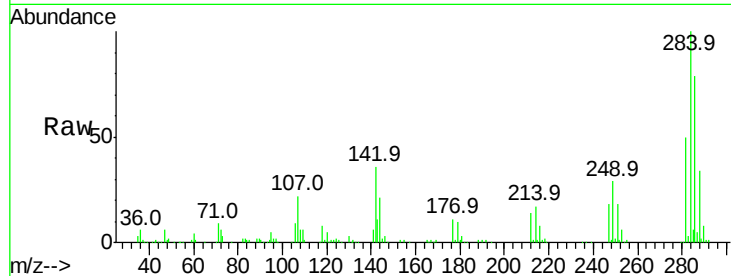
Tot Ion:284 Resp: 185495

Ion Ratio Lower Upper

284 100

142 35.6 22.8 34.2#

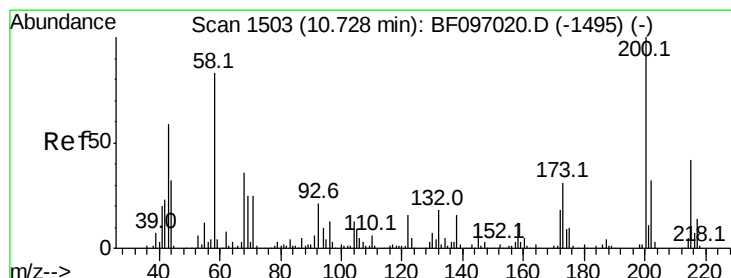
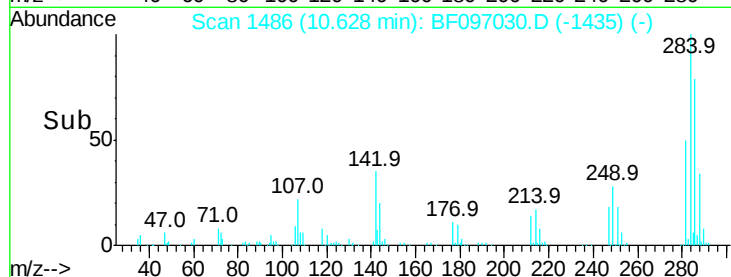
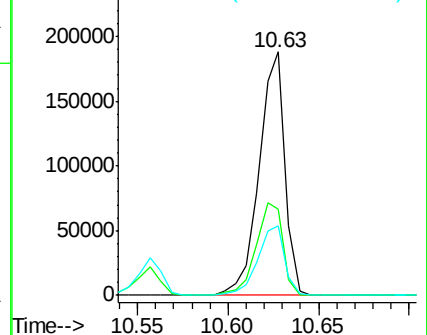
249 28.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.836 ng

RT: 10.73 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

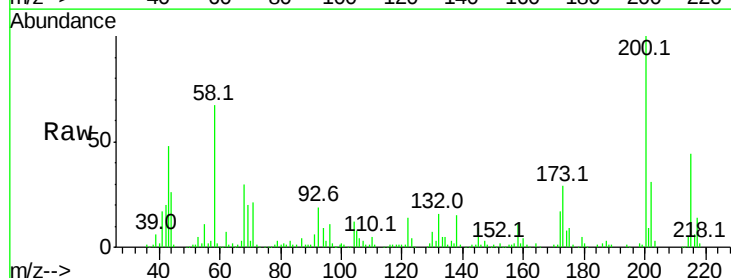
Tgt Ion:200 Resp: 174905

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

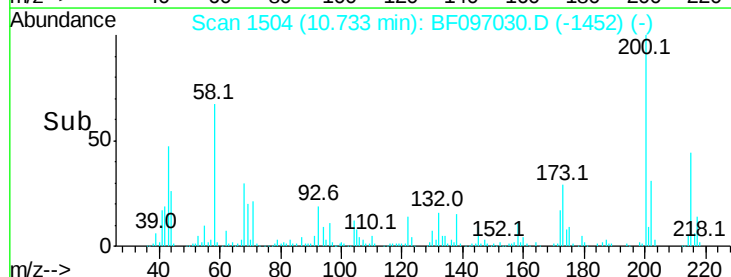
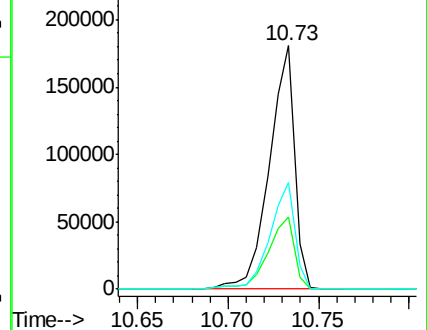
215 43.8 27.2 67.2

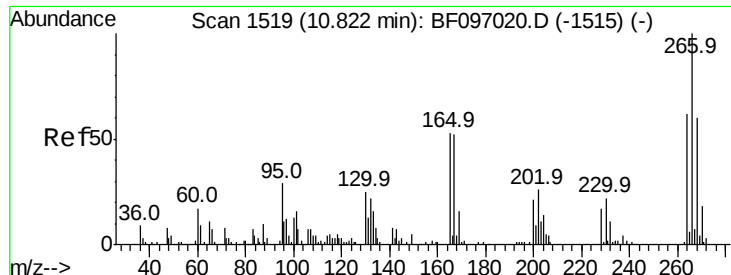


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

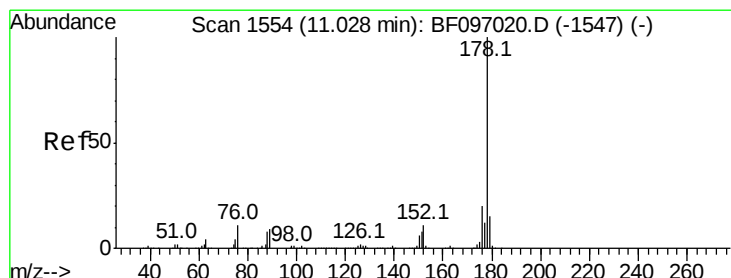
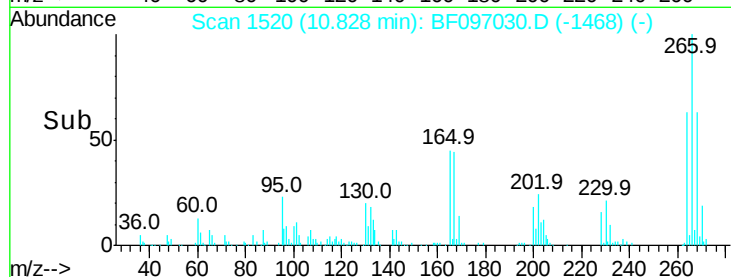
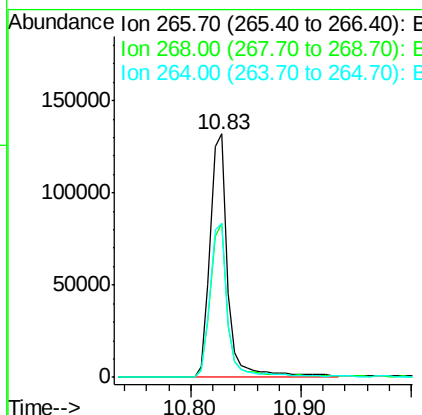
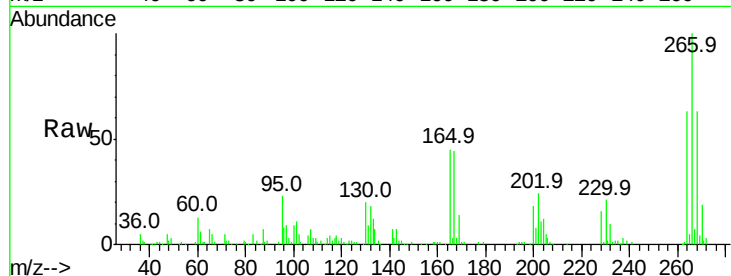




#69
 Pentachlorophenol
 Concen: 69.660 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

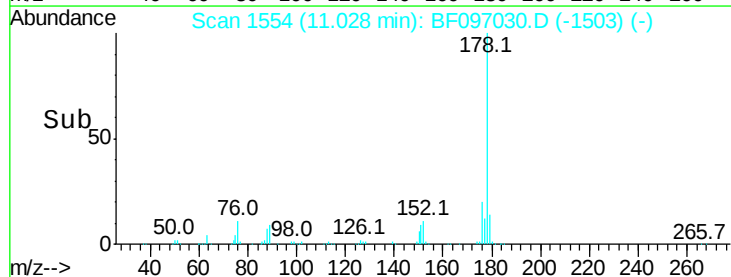
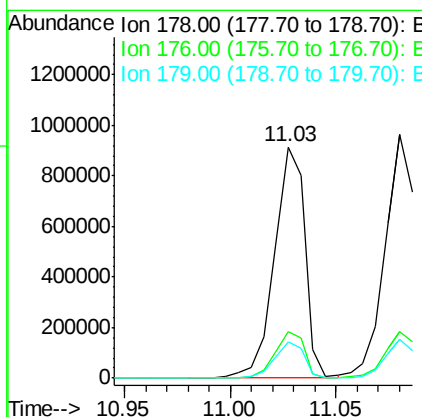
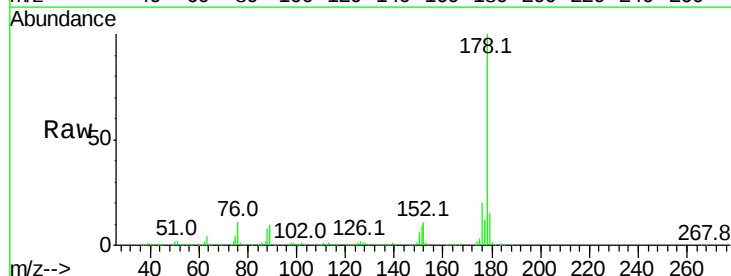
Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

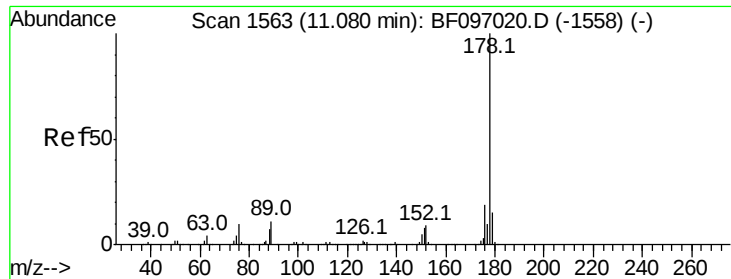
Tot Ion:266 Resp: 145600
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 37.927 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:178 Resp: 917297
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.4 12.6 19.0

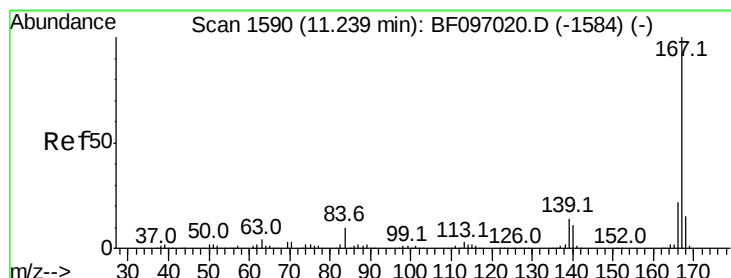
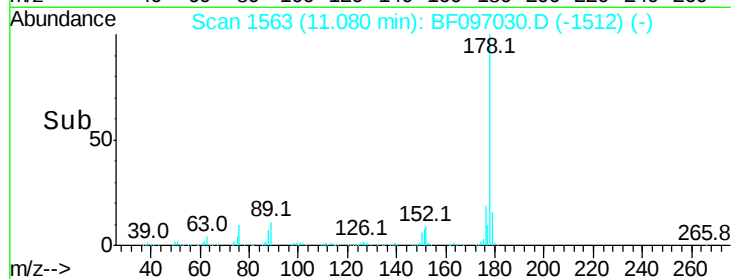
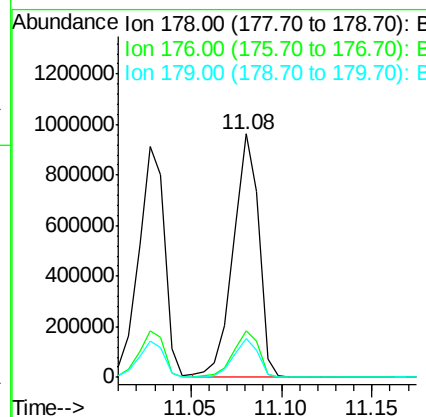
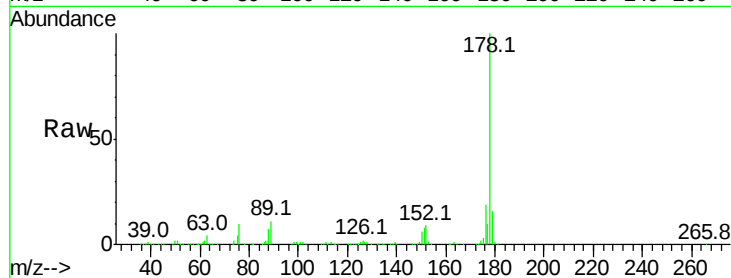




#71
 Anthracene
 Concen: 38.115 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

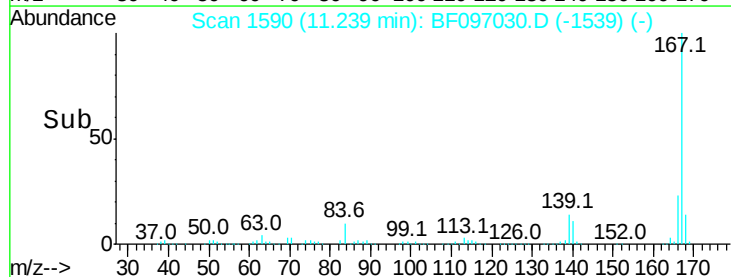
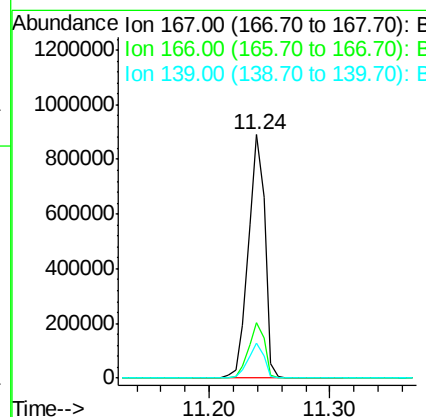
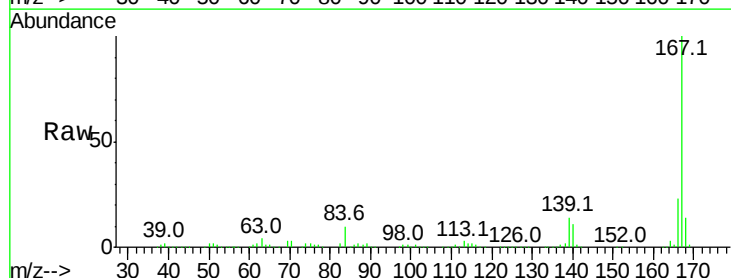
Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

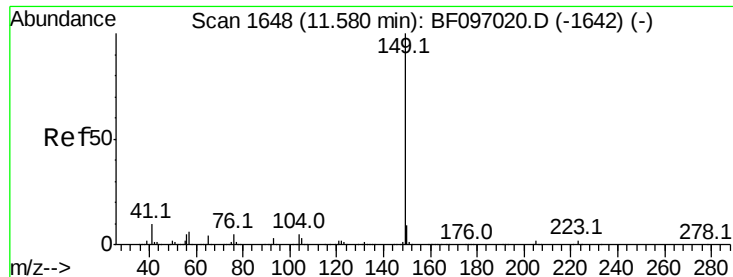
Tot Ion:178 Resp: 944176
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 35.211 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:167 Resp: 857824
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 14.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.587 ng

RT: 11.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

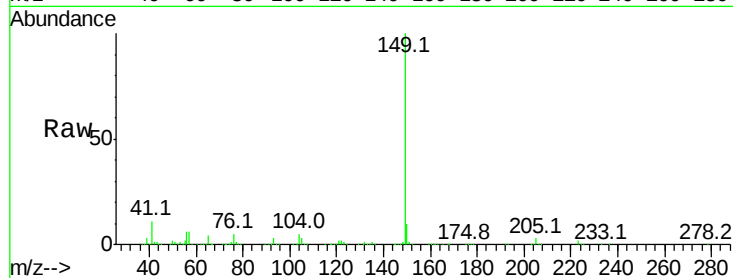
Tot Ion:149 Resp: 1192141

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

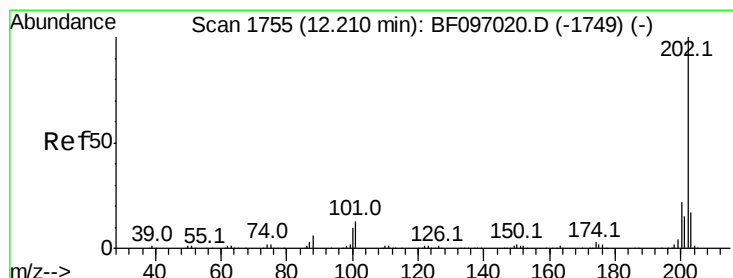
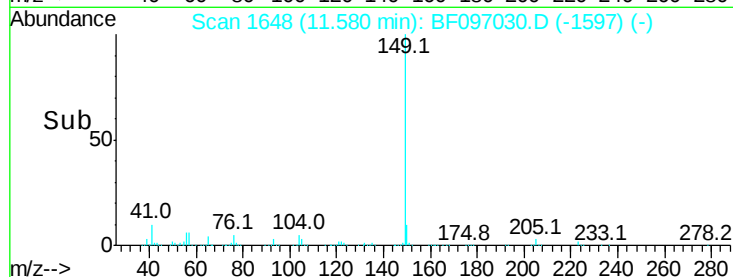
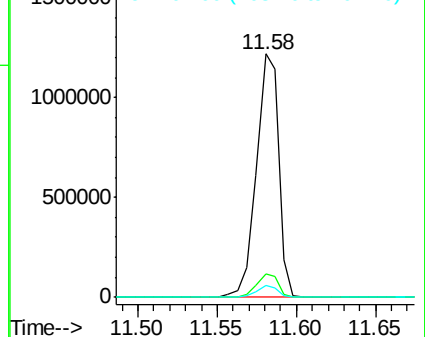
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.185 ng

RT: 12.21 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

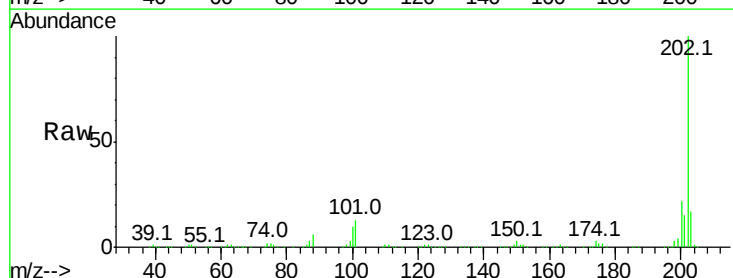
Tgt Ion:202 Resp: 857376

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

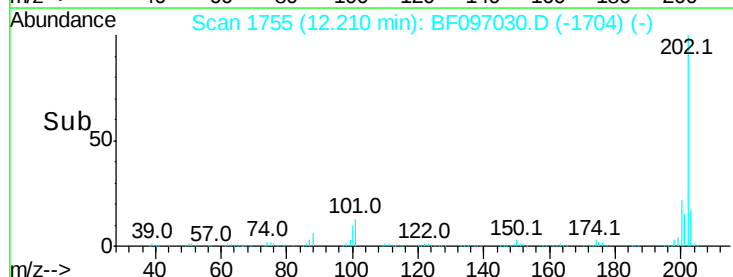
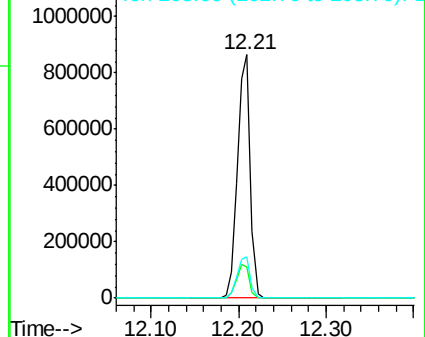
203 17.0 0.0 38.1

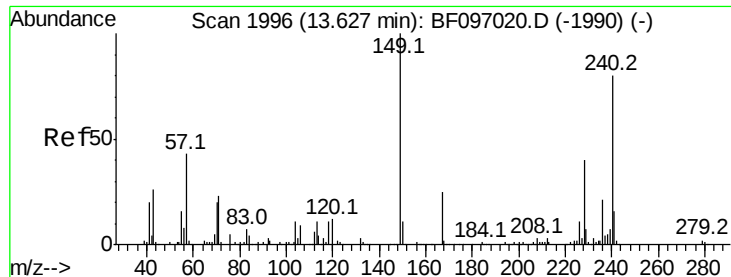


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

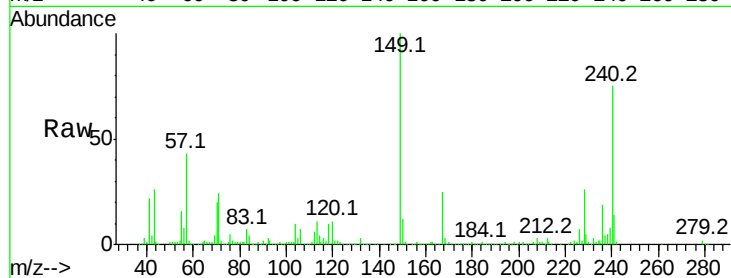
Tot Ion:240 Resp: 240071

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

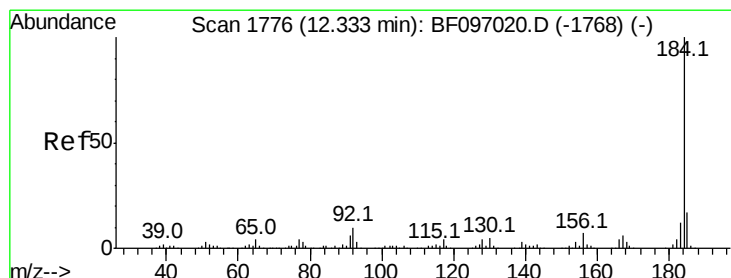
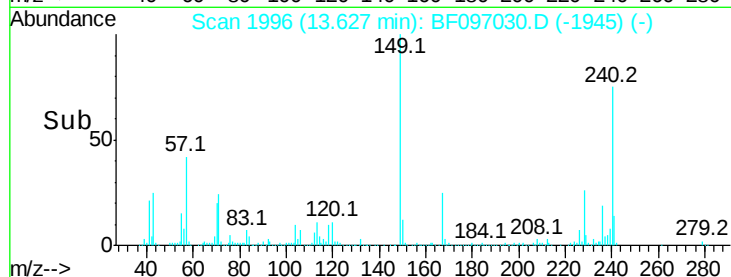
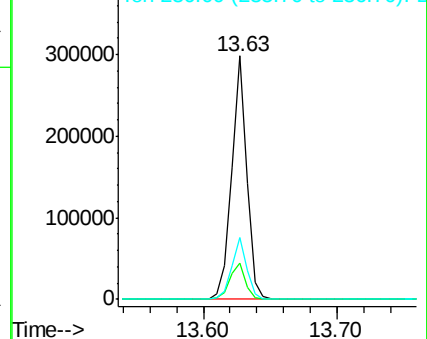
236 25.6 20.5 30.7



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: 23.761 ng

RT: 12.33 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

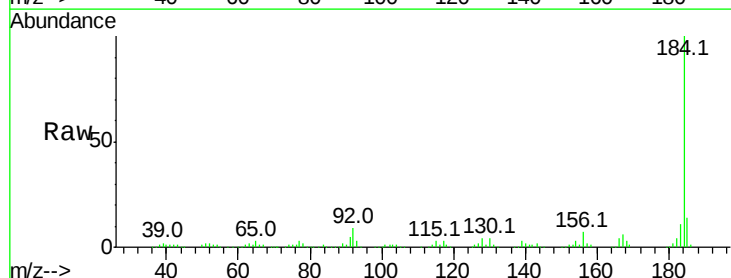
Tgt Ion:184 Resp: 211655

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

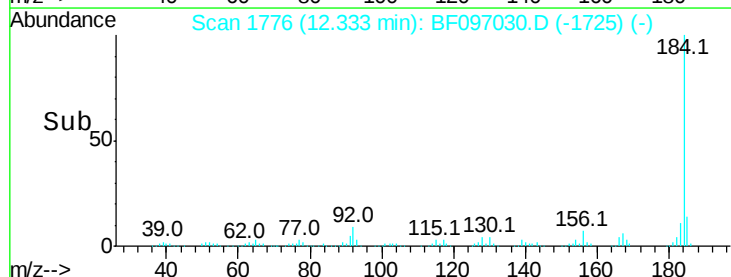
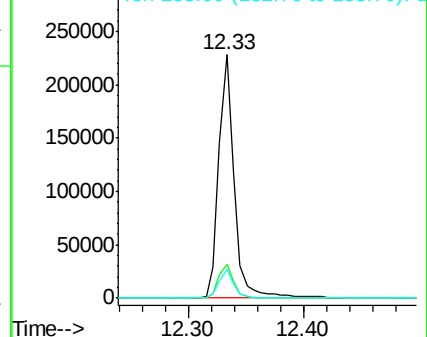
183 11.5 9.8 14.6

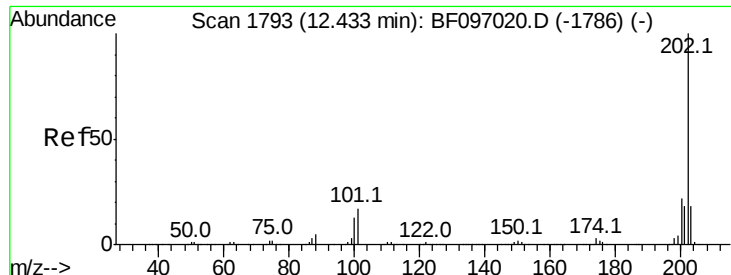


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

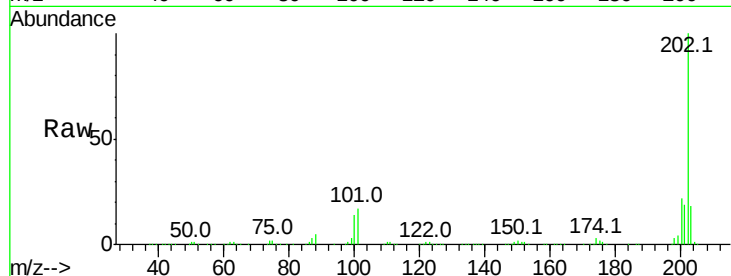




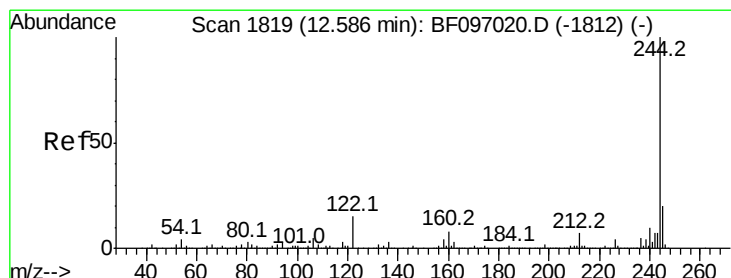
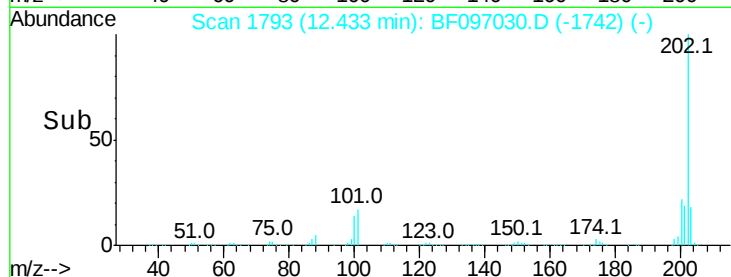
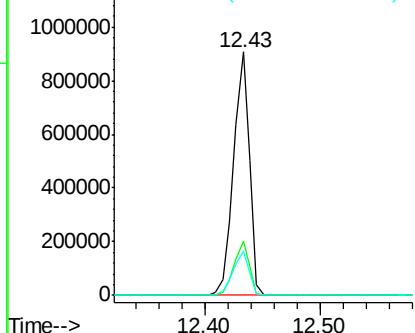
#77
Pvrene
Concen: 43.844 ng
RT: 12.43 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion:202 Resp: 861708
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 17.8 14.4 21.6

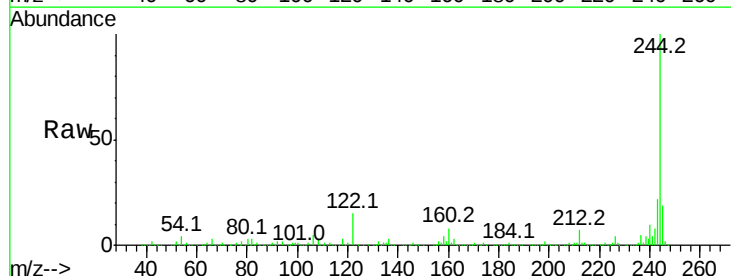


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

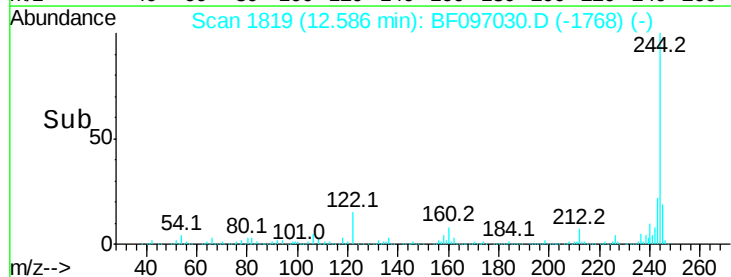
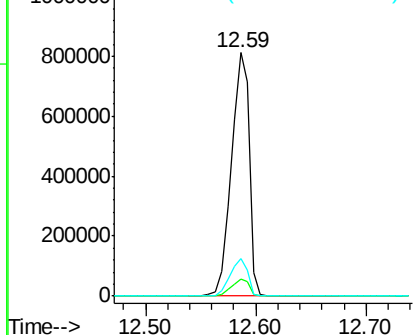


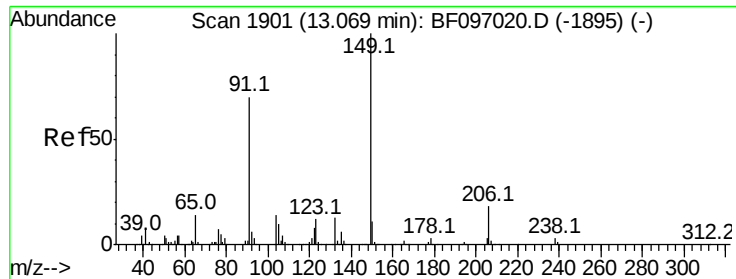
#78
Terphenyl-d14
Concen: 78.224 ng
RT: 12.59 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:244 Resp: 921077
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 15.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

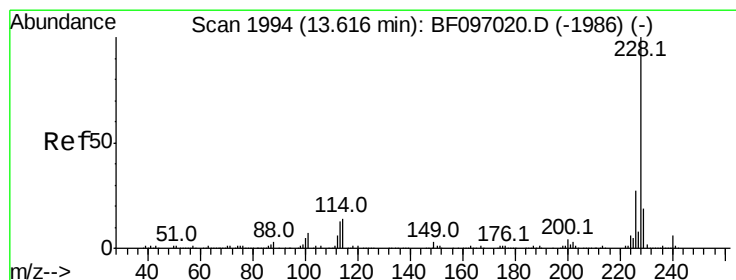
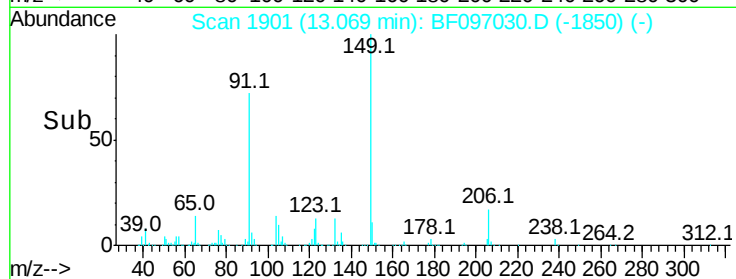
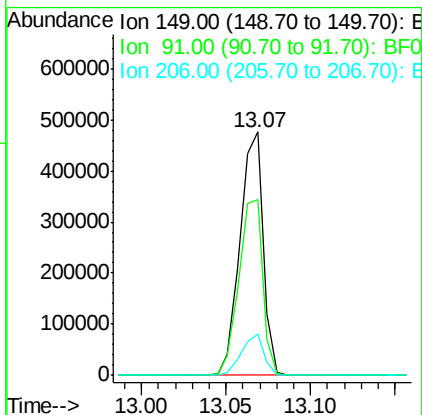
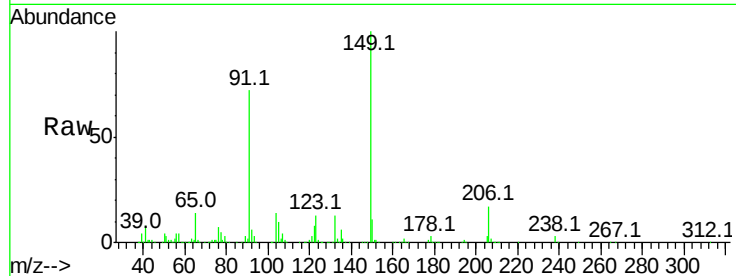




#79
Butylbenzylphthalate
Concen: 45.632 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

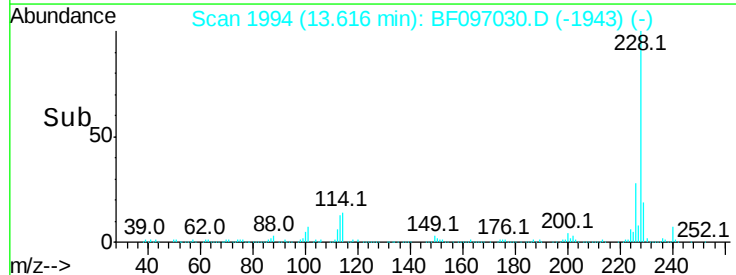
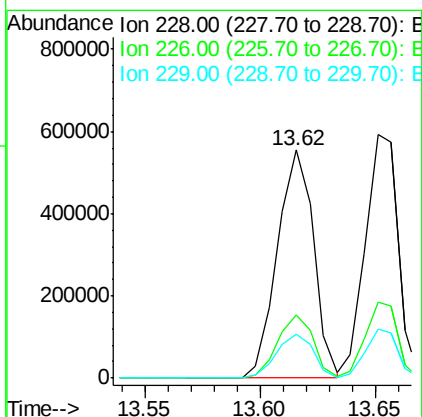
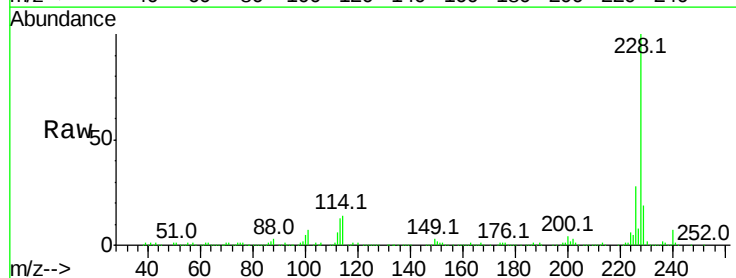
Instrument :
BNA_F
ClientSampleId :
PB100892BS

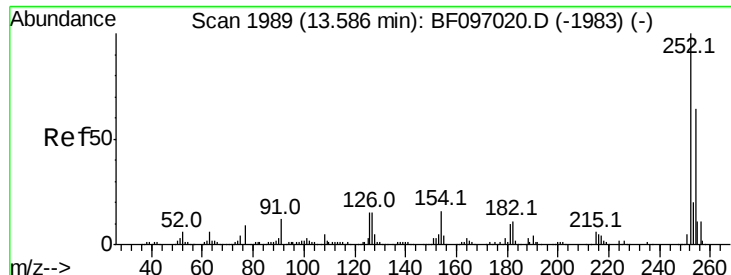
Tot Ion:149 Resp: 456200
Ion Ratio Lower Upper
149 100
91 72.1 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.681 ng
RT: 13.62 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:228 Resp: 600857
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.2 16.3 24.5

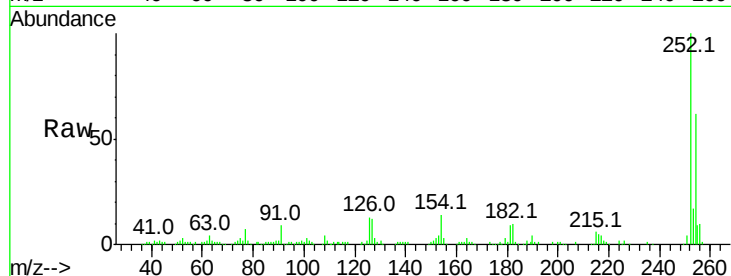




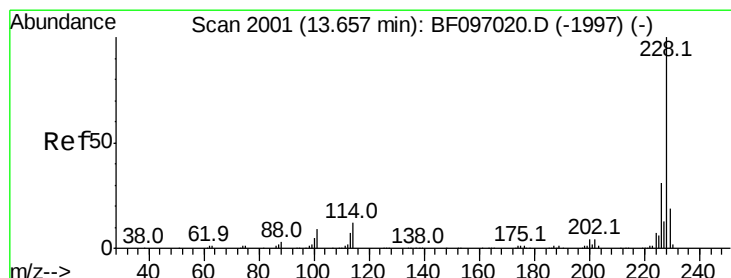
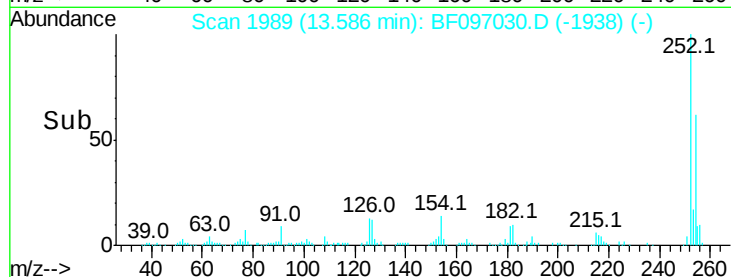
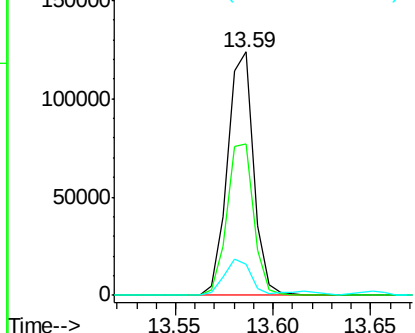
#81
 3,3'-Dichlorobenzidine
 Concen: 19.713 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:252 Resp: 115475
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.5 77.3
 126 12.8 15.8 23.8#

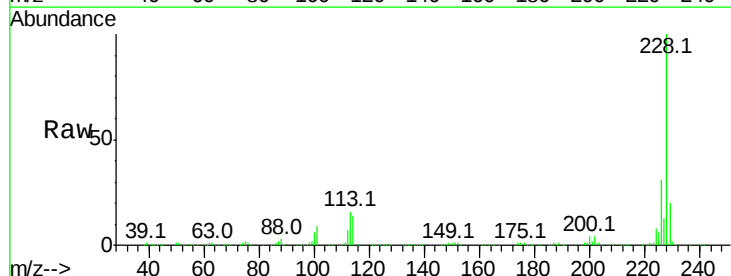


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

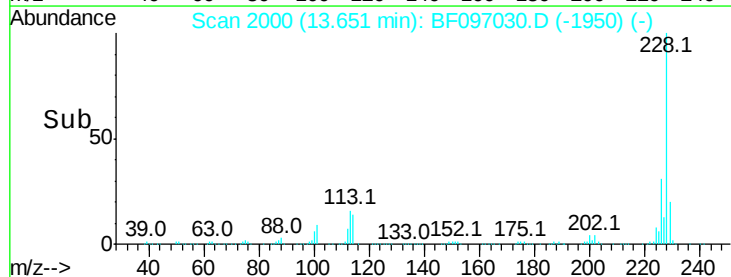
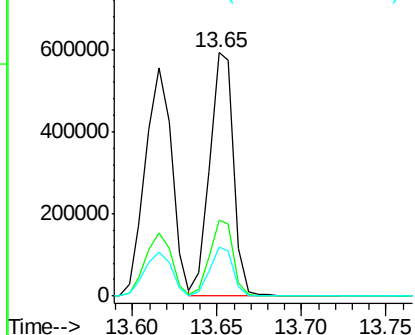


#82
 Chrysene
 Concen: 38.684 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:228 Resp: 586766
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.3 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.213 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

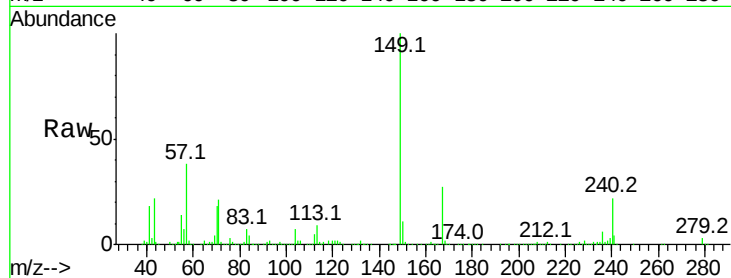
Tot Ion:149 Resp: 564064

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

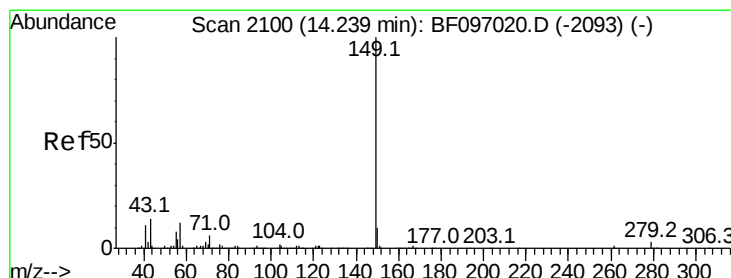
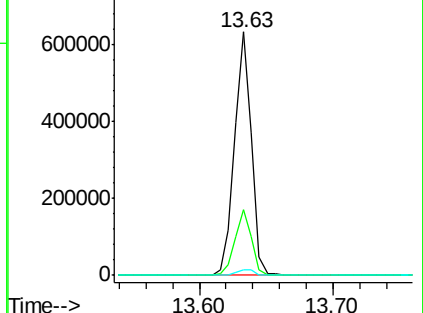
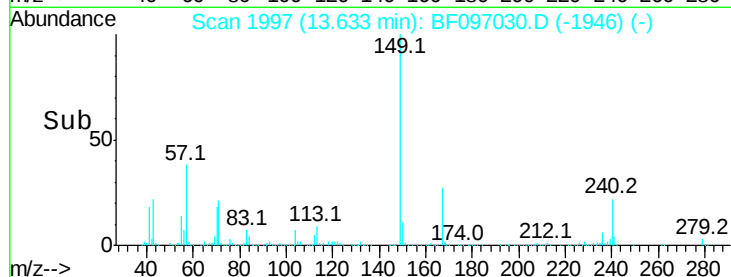
279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.697 ng

RT: 14.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

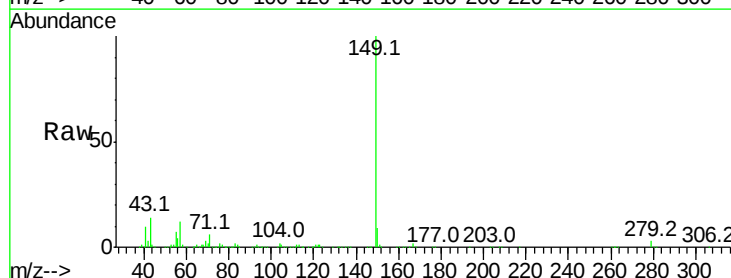
Tgt Ion:149 Resp: 926960

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

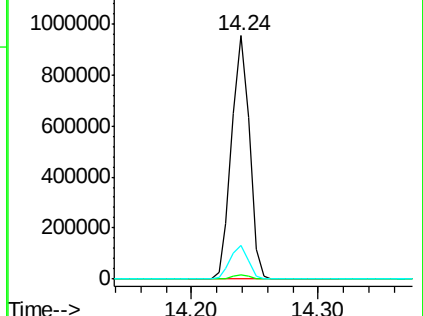
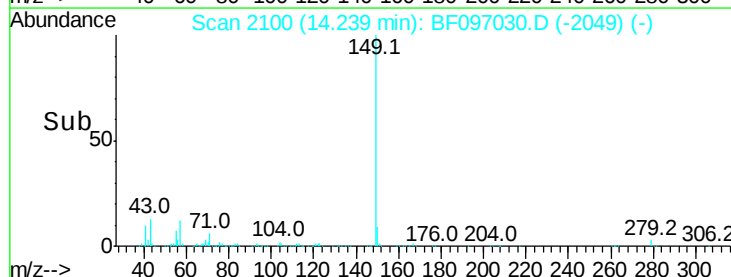
43 13.5 8.5 12.7#

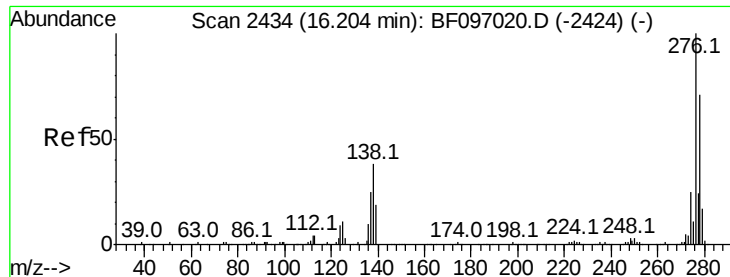


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

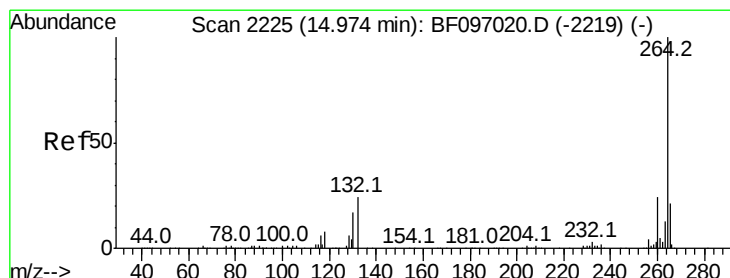
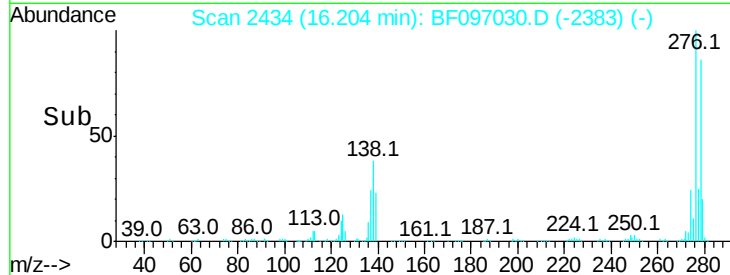
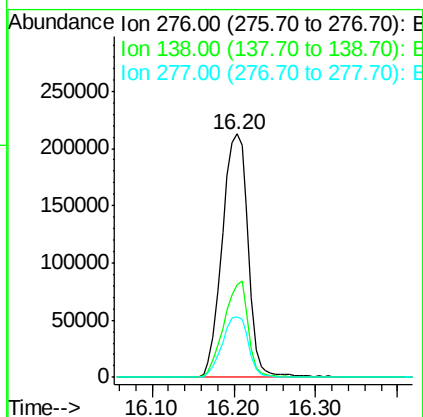
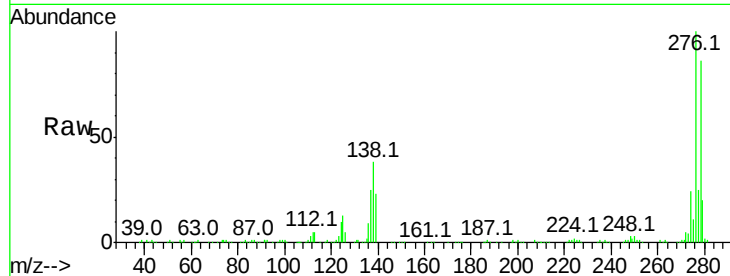




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.209 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

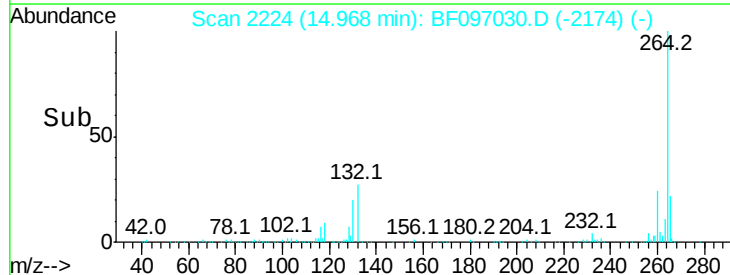
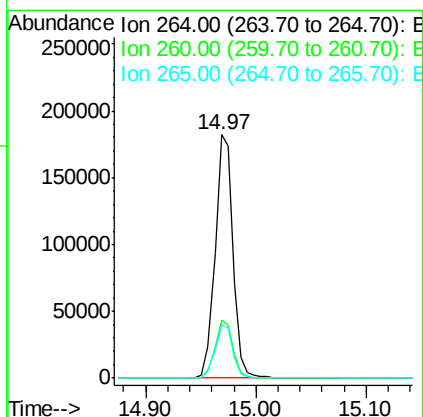
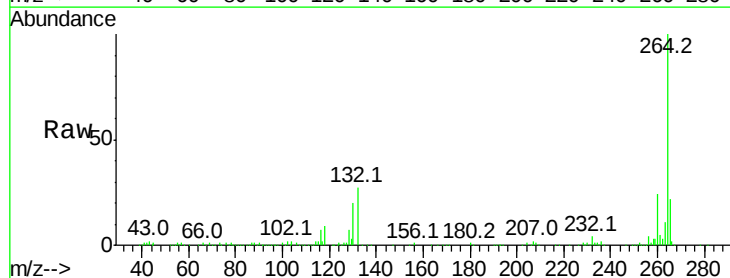
Instrument :
 BNA_F
 ClientSampled :
 PB100892BS

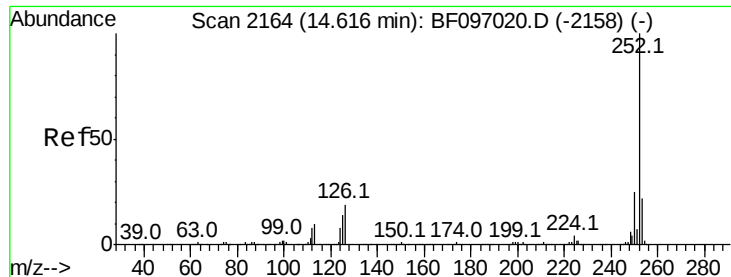
Tot Ion:276 Resp: 470943
 Ion Ratio Lower Upper
 276 100
 138 37.4 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:264 Resp: 202222
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.529 ng

RT: 14.62 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

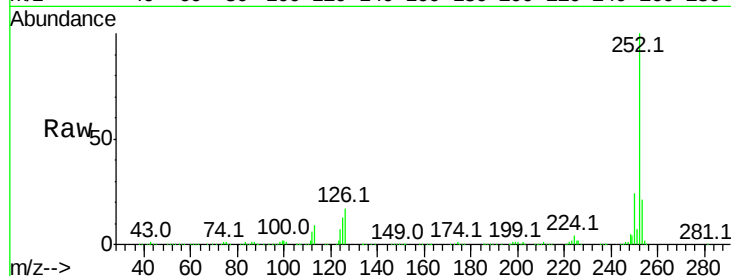
Tot Ion:252 Resp: 492671

Ion Ratio Lower Upper

252 100

253 21.0 18.1 27.1

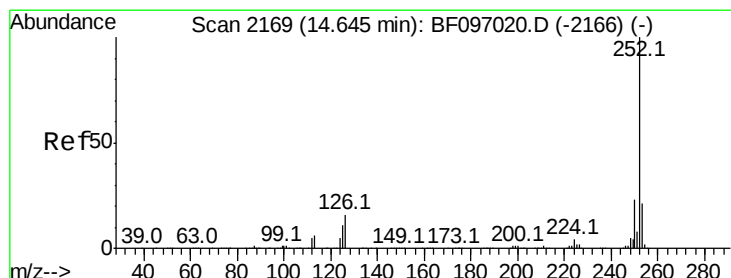
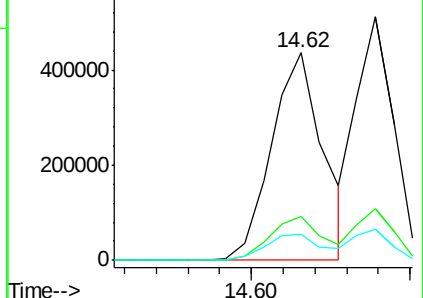
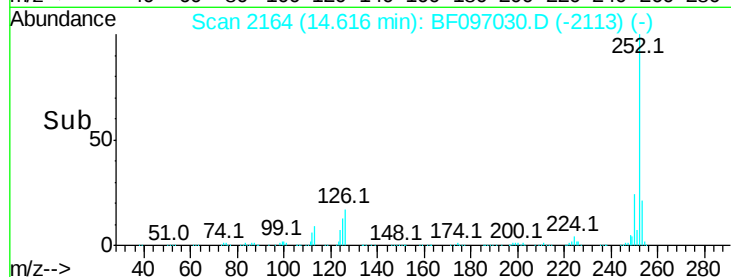
125 12.7 9.8 14.8



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: 36.806 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

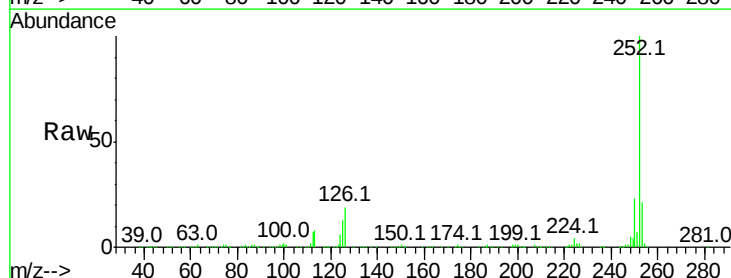
Tgt Ion:252 Resp: 426347

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

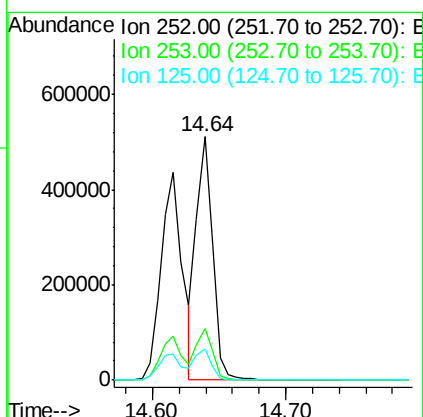
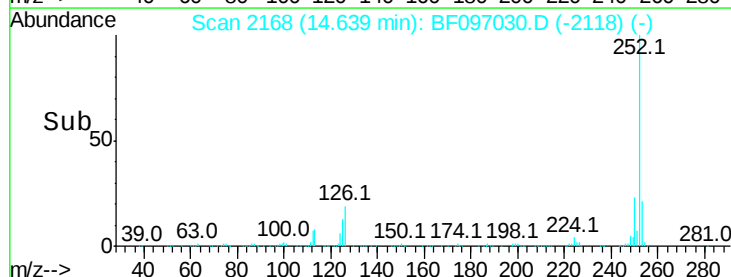
125 12.7 13.1 19.7#

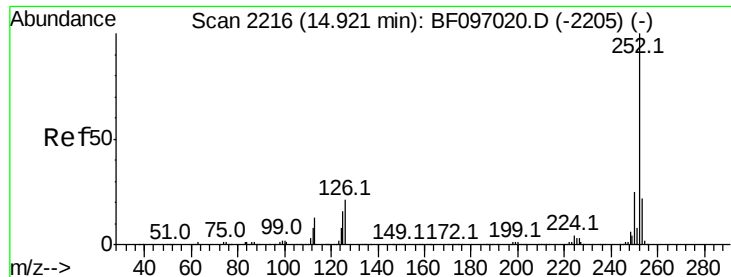


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.730 ng

RT: 14.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

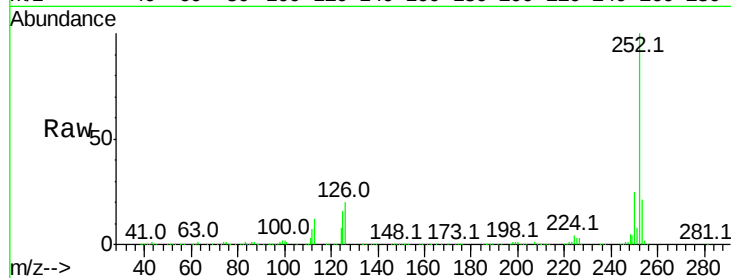
Tot Ion:252 Resp: 442013

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

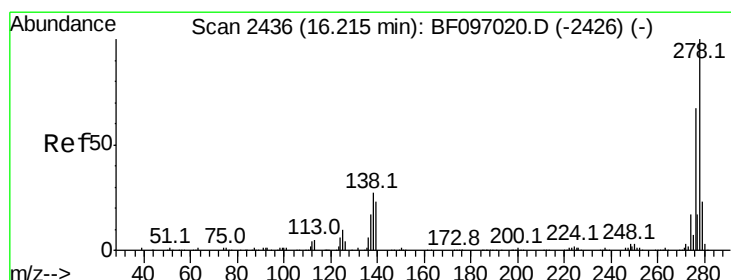
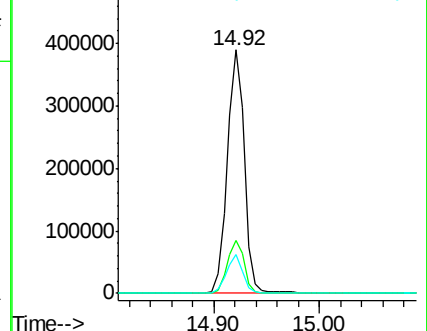
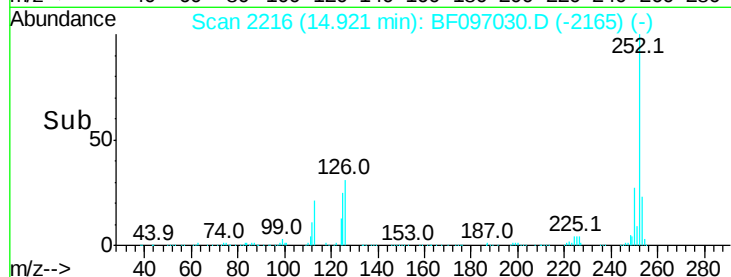
125 15.8 11.0 16.4



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: 42.810 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

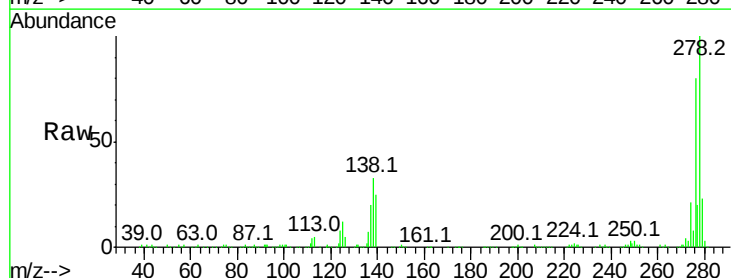
Tgt Ion:278 Resp: 390573

Ion Ratio Lower Upper

278 100

139 25.2 16.6 24.8#

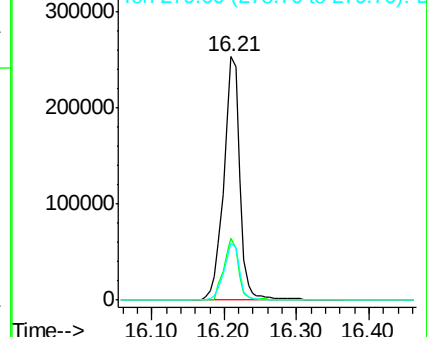
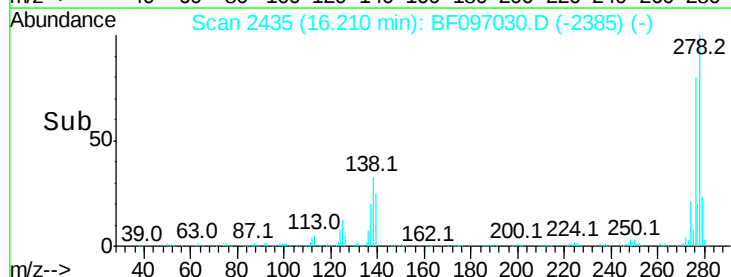
279 23.2 19.3 28.9

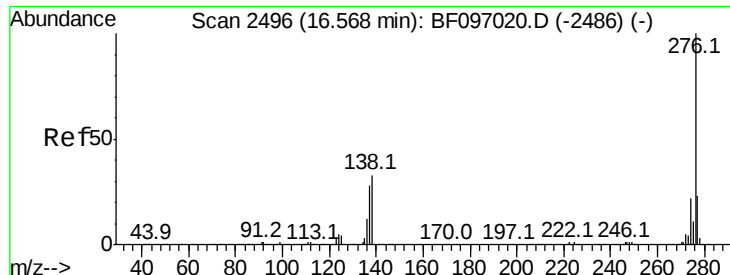


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.757 ng

RT: 16.56 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

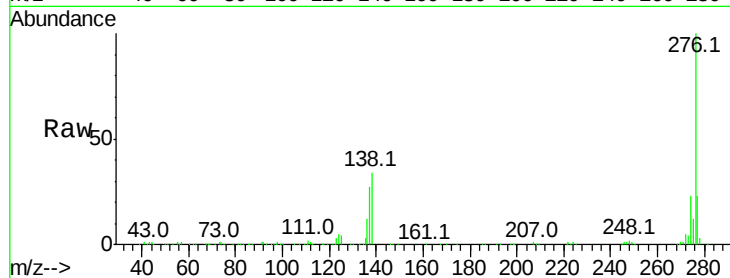
Tot Ion:276 Resp: 428207

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 34.2 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

