

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097429.D
 Acq On : 7 Aug 2017 15:00
 Operator : SJ/JU
 Sample : PB101306BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Quant Time: Aug 07 15:40:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	314094	20.00	ng	0.07
21) Naphthalene-d8	7.70	136	413908	20.00	ng	-0.09
38) Acenaphthene-d10	9.44	164	161756	20.00	ng	-0.09
63) Phenanthrene-d10	10.91	188	244231	20.00	ng	-0.09
75) Chrysene-d12	13.53	240	143262	20.00	ng	-0.09
86) Perylene-d12	14.87	264	183025	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.02	112	817228	39.22	ng	-0.08
7) Phenol-d6	6.09	99	924656	38.87	ng	-0.08
23) Nitrobenzene-d5	6.99	82	583869	82.75	ng	-0.09
41) 2,4,6-Tribromophenol	10.23	330	159589	124.87	ng	-0.09
44) 2-Fluorobiphenyl	8.77	172	930038	97.58	ng	-0.09
78) Terphenyl-d14	12.49	244	543144	77.30	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.96	88	103248	11.875	ng	# 68
3) Pyridine	2.56	79	291418	10.945	ng	# 62
4) n-Nitrosodimethylamine	2.52	42	166843	11.311	ng	# 73
8) 2-Chlorophenol	6.20	128	288616	12.955	ng	94
9) Benzaldehyde	5.96	77	159815	11.351	ng	99
10) Phenol	6.10	94	356371	12.631	ng	95
11) bis(2-Chloroethyl)ether	6.16	93	288576	12.932	ng	86
12) 1,3-Dichlorobenzene	6.58	146	260175	10.836	ng	98
13) 1,4-Dichlorobenzene	6.43	146	306141	12.866	ng	94
14) 1,2-Dichlorobenzene	6.58	146	260175	12.523	ng	98
15) Benzyl Alcohol	6.58	79	230270	15.290	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	594264	13.278	ng	62
17) 2-Methylphenol	6.87	107	323566	18.818	ng	# 77
19) n-Nitroso-di-n-propylamine	6.99	70	77353	4.941	ng	# 86
20) 3+4-Methylphenols	6.87	107	323566	14.408	ng	# 64
22) Acetophenone	6.83	105	402089	40.452	ng	# 97
24) Nitrobenzene	7.00	77	301631	41.048	ng	95
25) Isophorone	7.25	82	555360	40.193	ng	97
26) 2-Nitrophenol	7.32	139	160743	40.433	ng	# 82
27) 2,4-Dimethylphenol	7.39	122	264727	40.367	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	374159	41.495	ng	97
29) 2,4-Dichlorophenol	7.58	162	246215	43.581	ng	96
30) 1,2,4-Trichlorobenzene	7.65	180	221293	41.094	ng	98
31) Naphthalene	7.72	128	815489	41.796	ng	99
32) Benzoic acid	7.56	122	169545	34.622	ng	99
33) 4-Chloroaniline	7.79	127	105006	13.227	ng	97
34) Hexachlorobutadiene	7.84	225	116769	40.902	ng	97
35) Caprolactam	8.16	113	54034	29.827	ng	# 50
36) 4-Chloro-3-methylphenol	8.30	107	249164	40.425	ng	90
37) 2-Methylnaphthalene	8.41	142	540139	43.723	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	195012	45.183	ng	99
40) Hexachlorocyclopentadiene	8.56	237	62094	44.343	ng	100
42) 2,4,6-Trichlorophenol	8.70	196	135614	43.359	ng	97
43) 2,4,5-Trichlorophenol	8.76	196	133410	42.615	ng	97

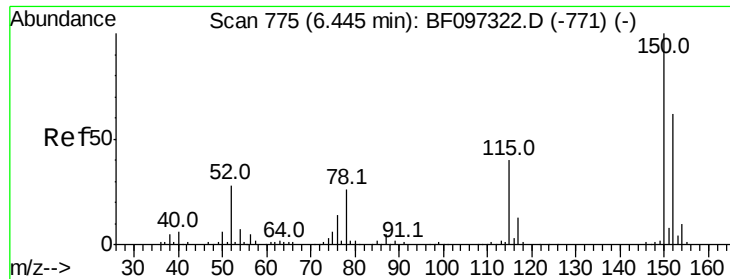
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	8.87	154	598391	43.311	nq	98
46) 2-Chloronaphthalene	8.89	162	459017	45.147	nq	# 92
47) 2-Nitroaniline	9.00	65	172442	46.735	nq	98
48) Acenaphthylene	9.30	152	651996	41.779	nq	99
49) Dimethylphthalate	9.19	163	526113	42.831	nq	98
50) 2,6-Dinitrotoluene	9.25	165	110082	42.254	nq	# 79
51) Acenaphthene	9.47	154	383905	41.763	nq	97
52) 3-Nitroaniline	9.42	138	74408	23.010	nq	96
53) 2,4-Dinitrophenol	9.55	184	88752	74.925	nq	# 73
54) Dibenzofuran	9.65	168	571224	46.653	nq	95
55) 4-Nitrophenol	9.65	139	349272	181.623	nq	# 33
56) 2,4-Dinitrotoluene	9.66	165	144853	48.366	nq	# 75
57) Fluorene	9.99	166	416439	45.253	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	97530	45.120	nq	97
59) Diethylphthalate	9.88	149	507647	45.047	nq	98
60) 4-Chlorophenyl-phenylether	9.98	204	180681	47.546	nq	99
61) 4-Nitroaniline	10.03	138	113069	36.799	nq	93
62) Azobenzene	10.15	77	511677	48.944	nq	90
64) 4,6-Dinitro-2-methylphenol	10.07	198	66905	44.085	nq	# 82
65) n-Nitrosodiphenylamine	10.11	169	418473	49.245	nq	96
66) 4-Bromophenyl-phenylether	10.47	248	111808	45.873	nq	96
67) Hexachlorobenzene	10.54	284	114530	41.903	nq	94
68) Atrazine	10.65	200	113225	46.465	nq	95
69) Pentachlorophenol	10.74	266	69603	61.547	nq	98
70) Phenanthrene	10.94	178	582825	44.538	nq	98
71) Anthracene	10.99	178	579221	43.216	nq	98
72) Carbazole	11.15	167	549327	41.674	nq	98
73) Di-n-butylphthalate	11.49	149	749713	46.012	nq	98
74) Fluoranthene	12.12	202	495035	38.615	nq	98
76) Benzidine	12.24	184	113003	21.258	nq	# 93
77) Pyrene	12.34	202	479835	40.912	nq	98
79) Butylbenzylphthalate	12.97	149	261126	43.770	nq	# 77
80) Benzo(a)anthracene	13.53	228	398586	42.999	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	107269	30.687	nq	# 95
82) Chrysene	13.56	228	390575	43.150	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	352103	45.203	nq	98
84) Di-n-octyl phthalate	14.14	149	600784	42.029	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.07	276	395752	50.989	nq	98
87) Benzo(b)fluoranthene	14.53	252	410022	37.268	nq	98
88) Benzo(k)fluoranthene	14.55	252	341031	32.529	nq	# 95
89) Benzo(a)pyrene	14.82	252	398145	39.540	nq	98
90) Dibenzo(a,h)anthracene	16.07	278	335175	40.591	nq	97
91) Benzo(g,h,i)perylene	16.42	276	359896	41.562	nq	97

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

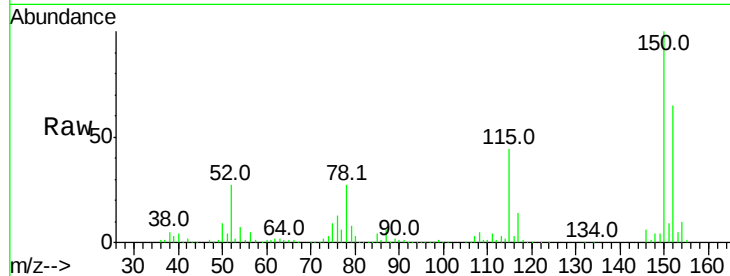


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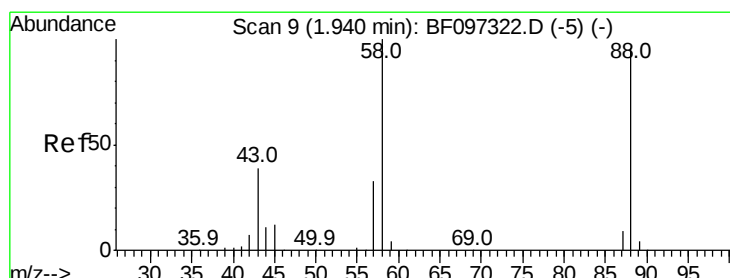
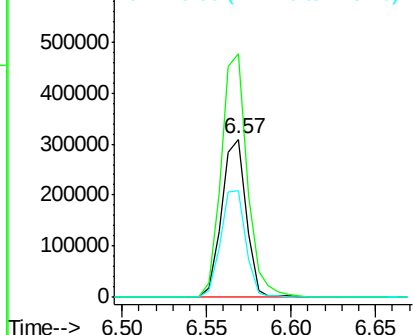
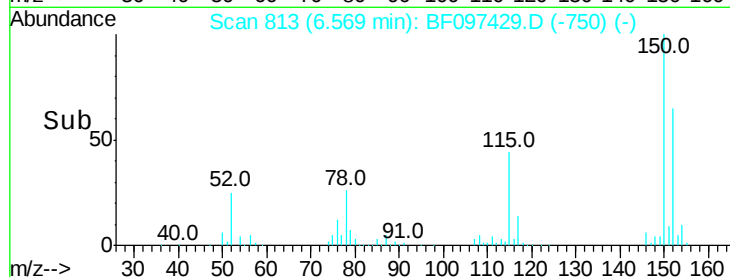
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 813
Delta R.T. 0.07 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion:152 Resp: 314094
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 67.3 52.2 78.2



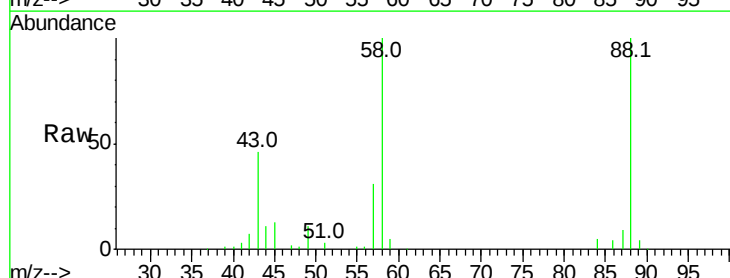
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



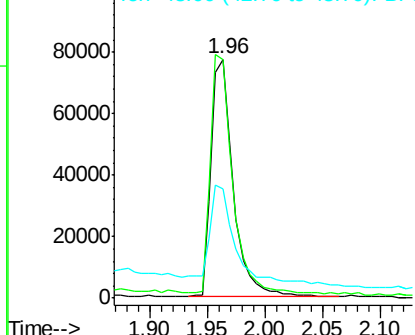
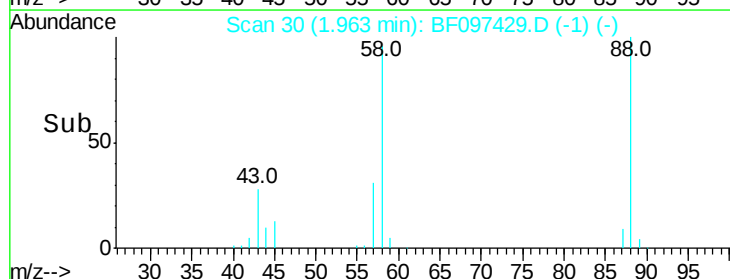
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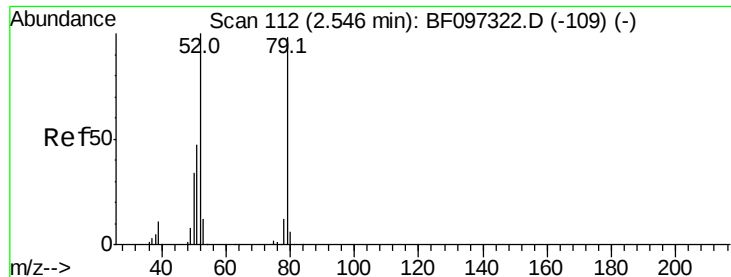
1,4-Dioxane
Concen: 11.875 ng
RT: 1.96 min Scan# 30
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion: 88 Resp: 103248
Ion Ratio Lower Upper
88 100
58 99.4 61.4 92.0#
43 54.3 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: 10.945 ng

RT: 2.56 min Scan# 131

Delta R.T. -0.11 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

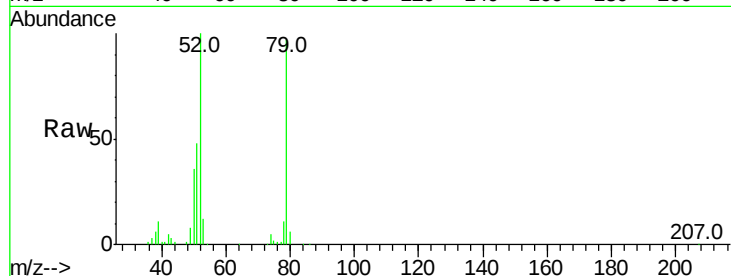
Tot Ion: 79 Resp: 291418

Ion Ratio Lower Upper

79 100

52 103.5 54.8 82.2#

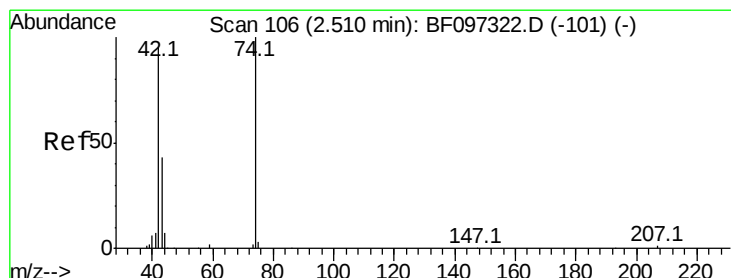
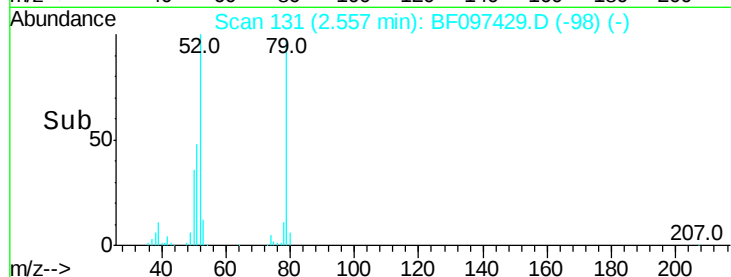
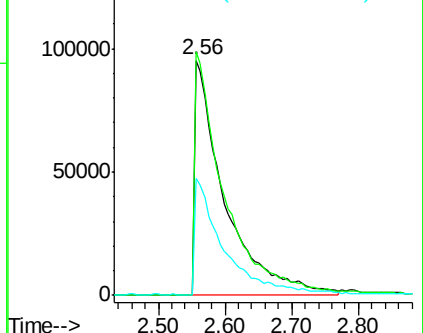
51 49.7 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 11.311 ng

RT: 2.52 min Scan# 124

Delta R.T. -0.11 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

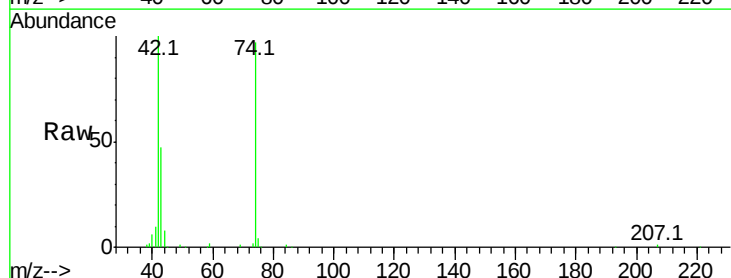
Tgt Ion: 42 Resp: 166843

Ion Ratio Lower Upper

42 100

74 97.3 103.9 155.9#

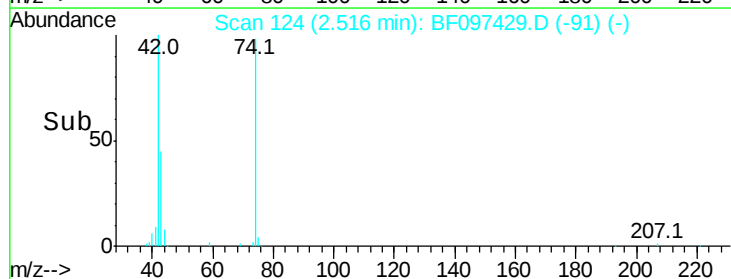
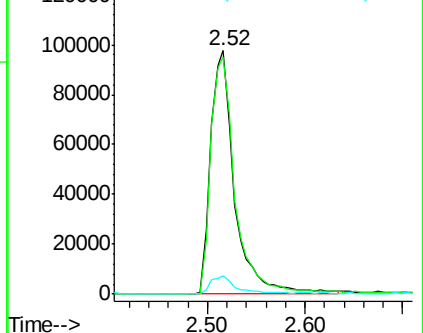
44 7.6 5.7 8.5

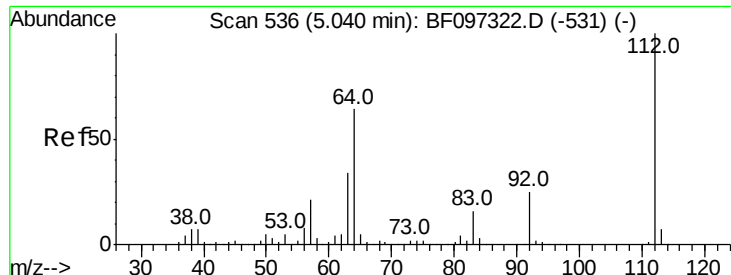


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 39.223 ng

RT: 5.02 min Scan# 549

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

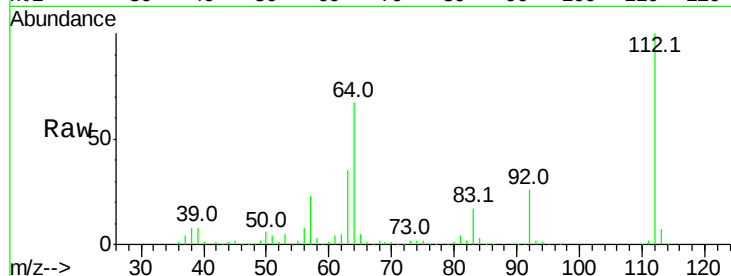
Tot Ion:112 Resp: 817228

Ion Ratio Lower Upper

112 100

64 67.4 46.0 69.0

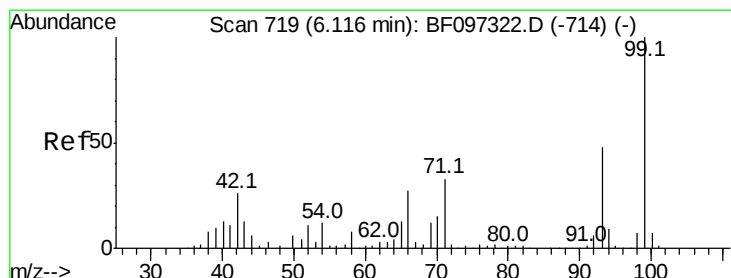
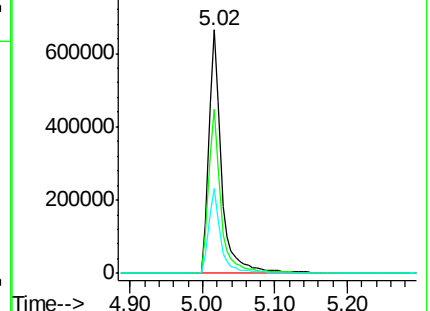
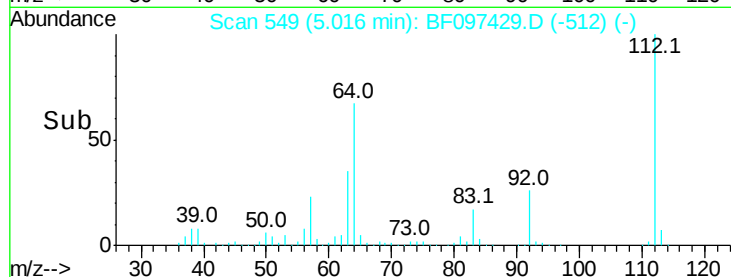
63 34.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 38.873 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

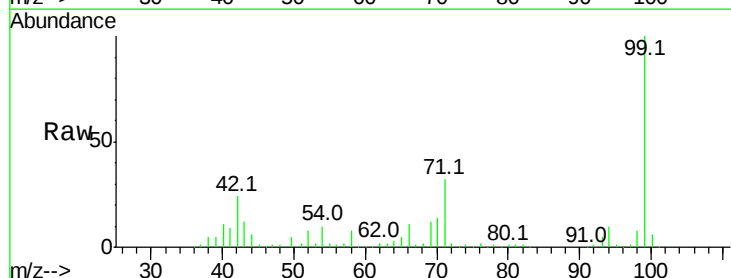
Tgt Ion: 99 Resp: 924656

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

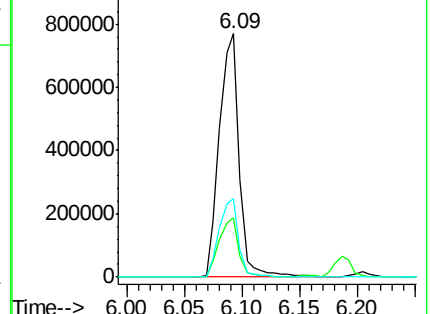
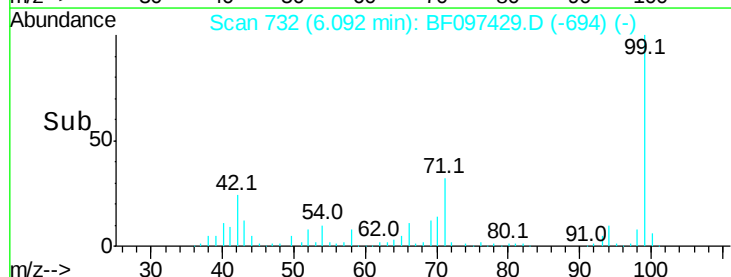
71 32.0 24.5 36.7

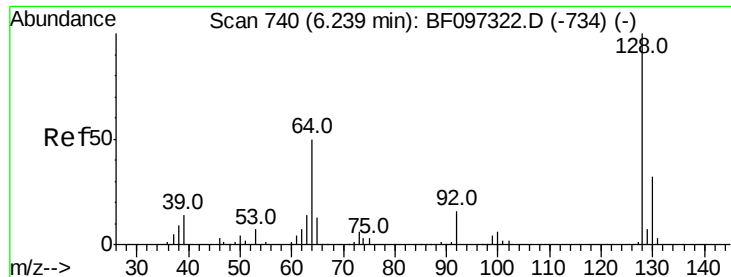


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 12.955 ng

RT: 6.20 min Scan# 751

Delta R.T. -0.09 min

Lab File: BF097429.D

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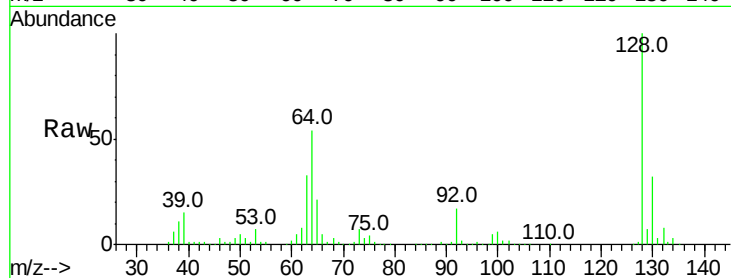
Tot Ion:128 Resp: 288616

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

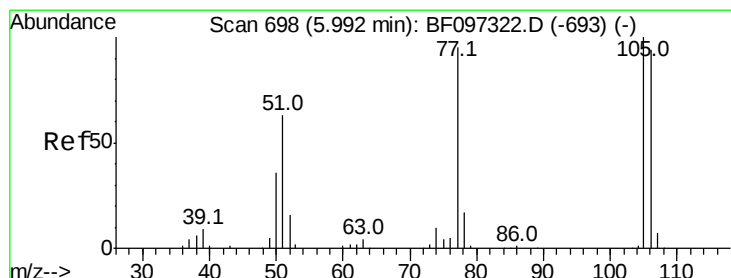
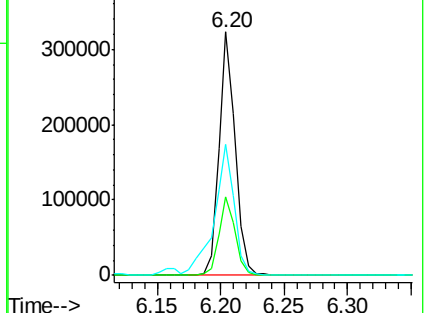
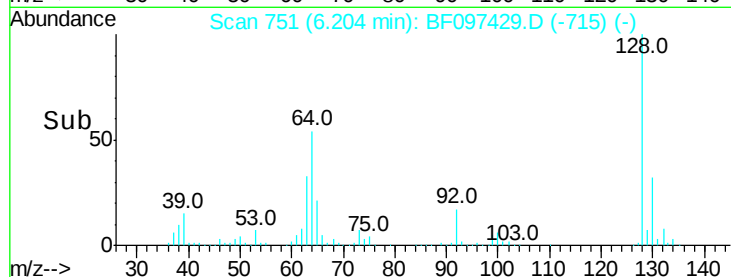
64 54.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 11.351 ng

RT: 5.96 min Scan# 709

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

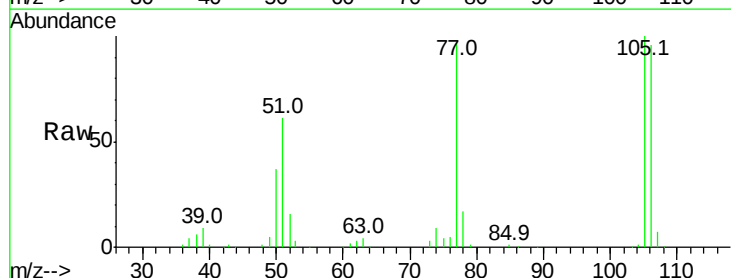
Tgt Ion: 77 Resp: 159815

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

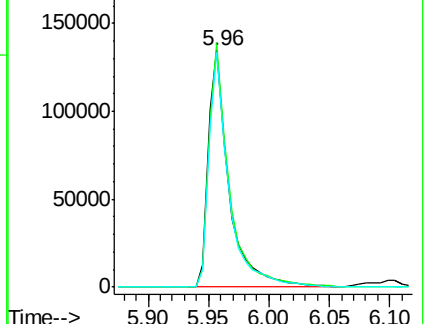
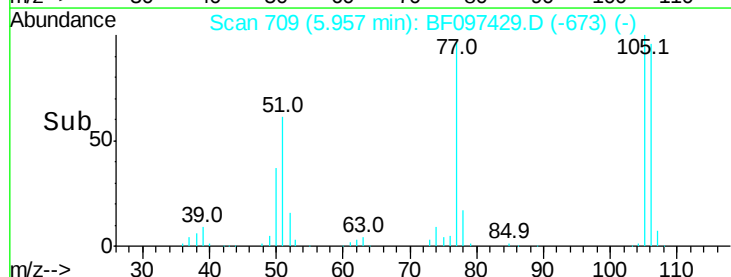
106 98.9 79.1 119.1

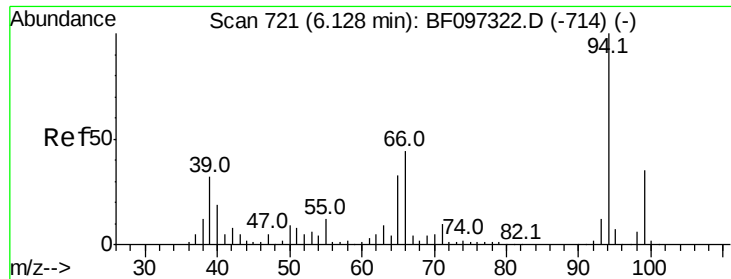


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 12.631 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

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ClientSampleId :

PB101306BS

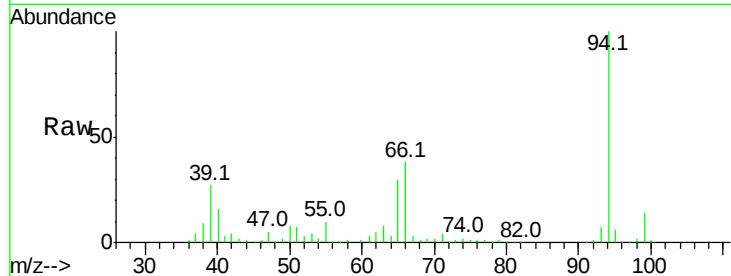
Tot Ion: 94 Resp: 356371

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

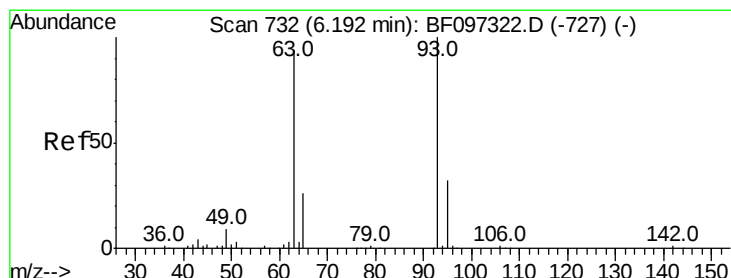
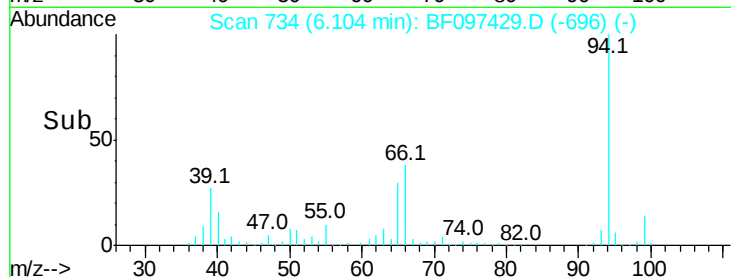
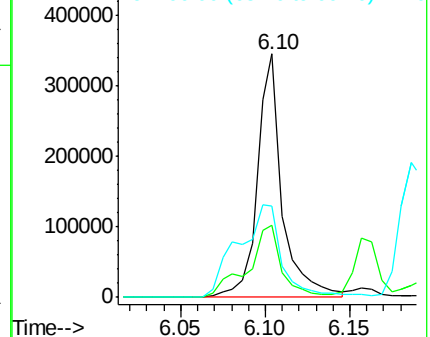
66 37.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.932 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

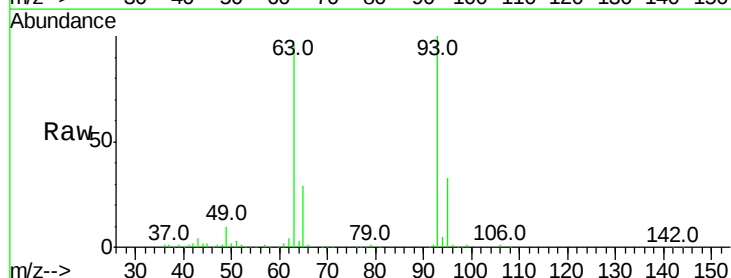
Tgt Ion: 93 Resp: 288576

Ion Ratio Lower Upper

93 100

63 96.1 59.2 99.2

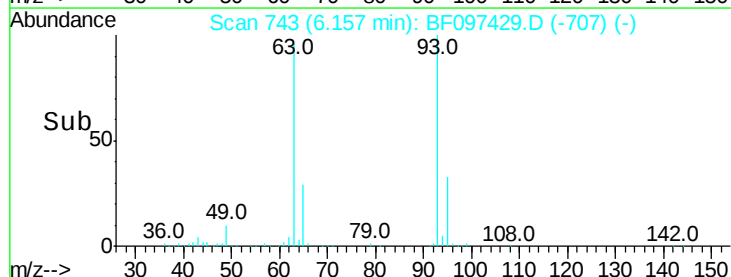
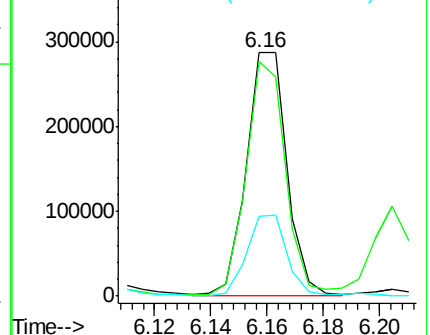
95 33.0 12.8 52.8

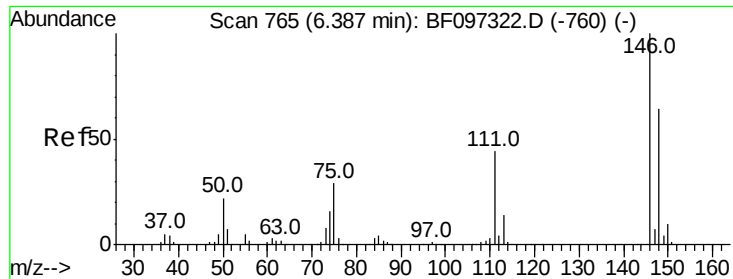


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 10.836 ng

RT: 6.58 min Scan# 815

Delta R.T. 0.14 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

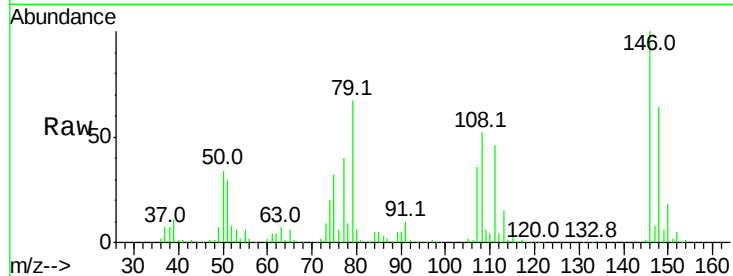
Tot Ion:146 Resp: 260175

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

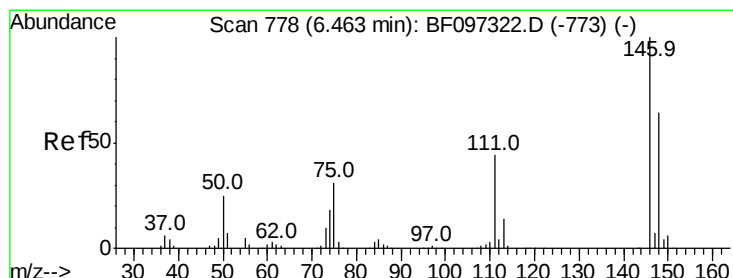
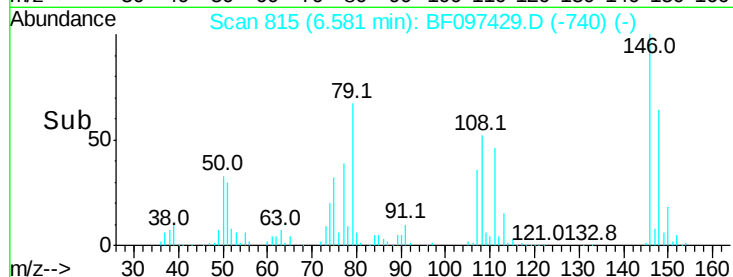
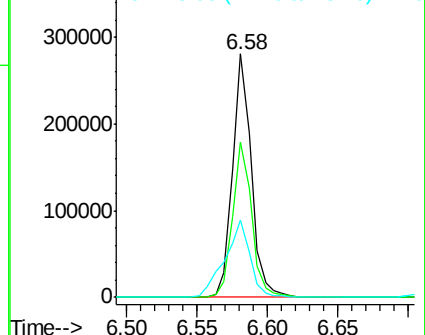
75 31.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.866 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

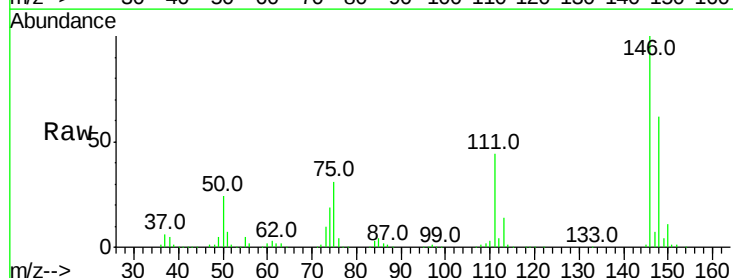
Tgt Ion:146 Resp: 306141

Ion Ratio Lower Upper

146 100

148 62.2 52.2 78.2

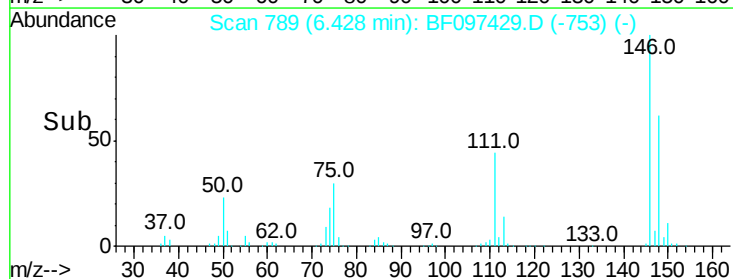
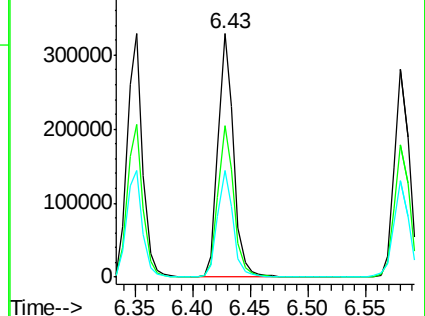
111 43.6 30.3 45.5

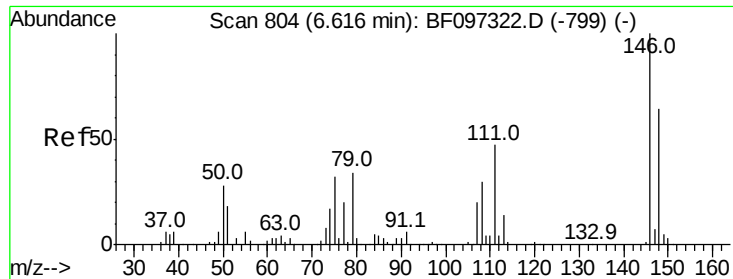


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.523 ng

RT: 6.58 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

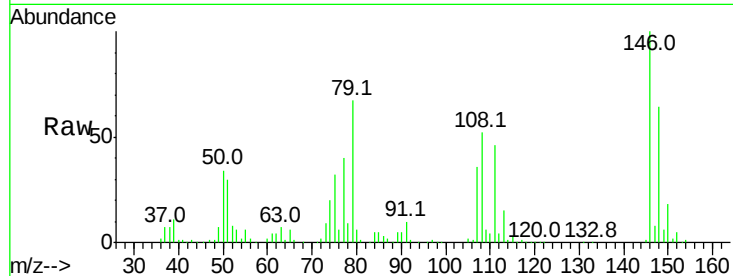
Tot Ion:146 Resp: 260175

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

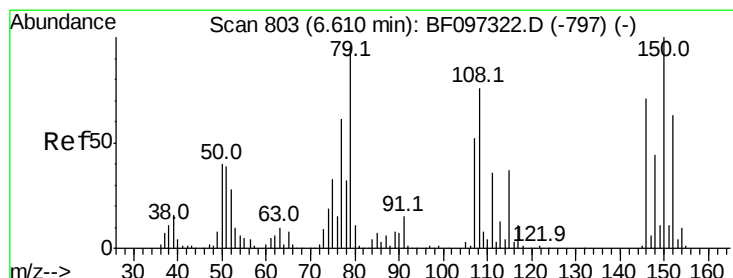
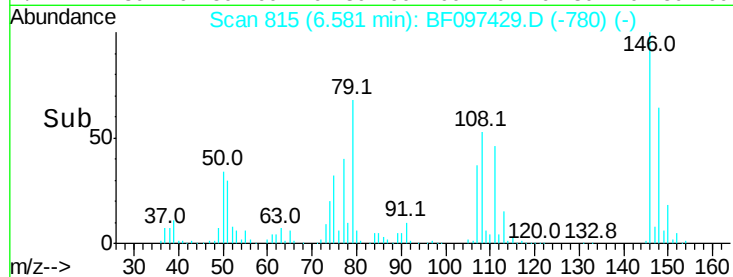
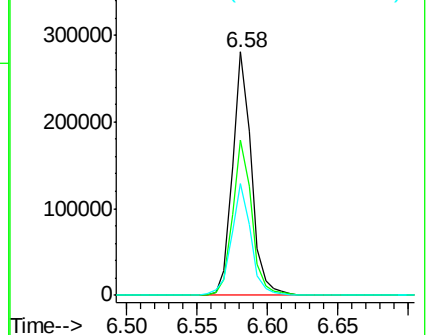
111 46.1 38.2 57.4



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: 15.290 ng

RT: 6.58 min Scan# 815

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

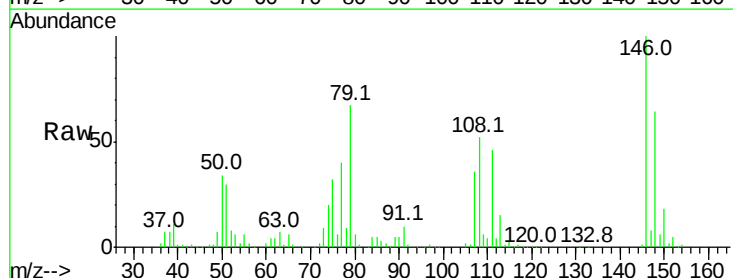
Tgt Ion: 79 Resp: 230270

Ion Ratio Lower Upper

79 100

108 78.2 63.4 95.0

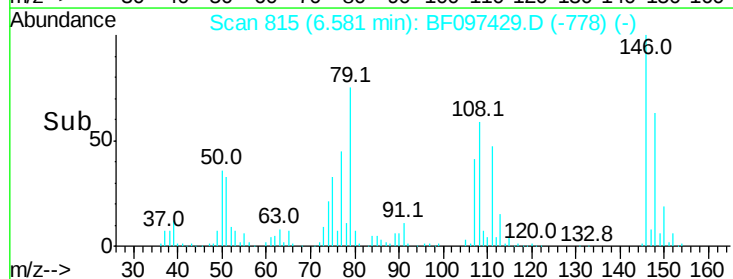
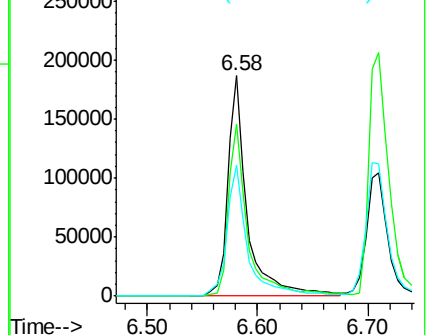
77 59.6 49.2 73.8

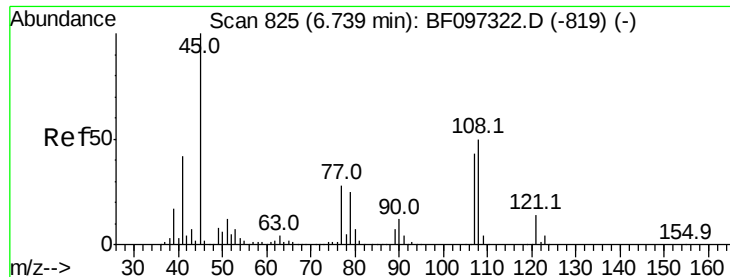


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

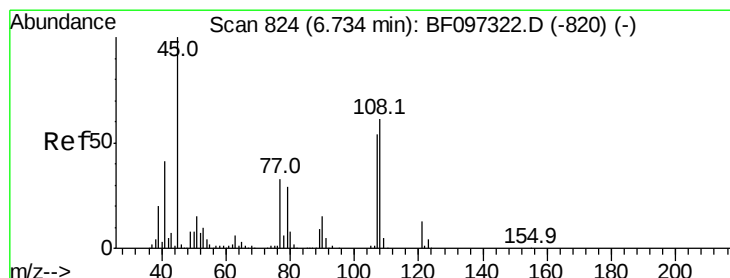
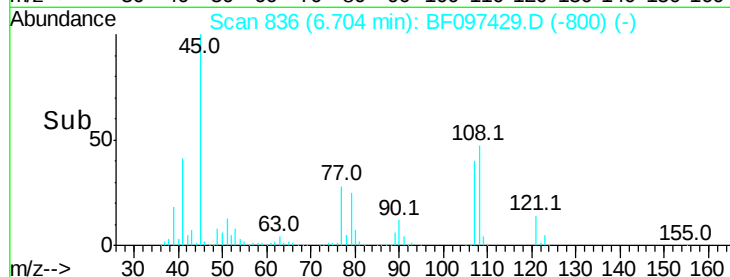
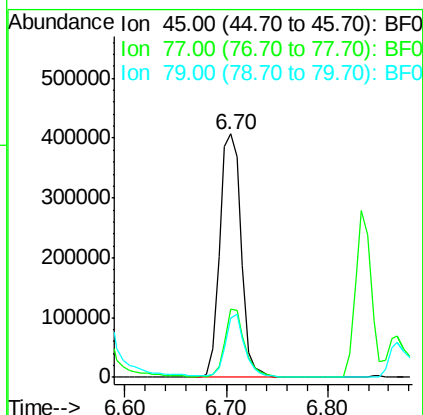
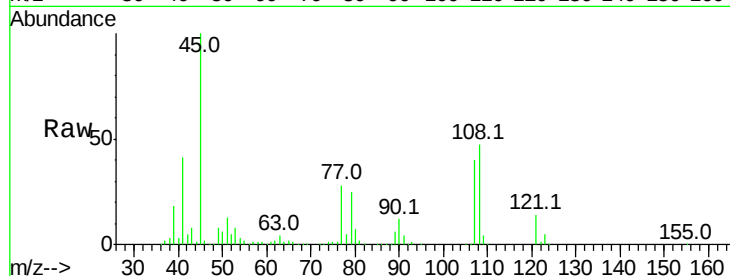




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.278 ng
RT: 6.70 min Scan# 836
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

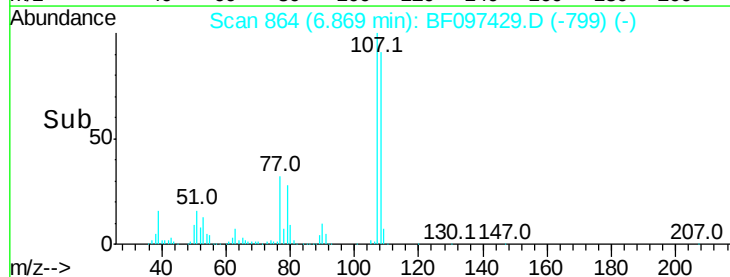
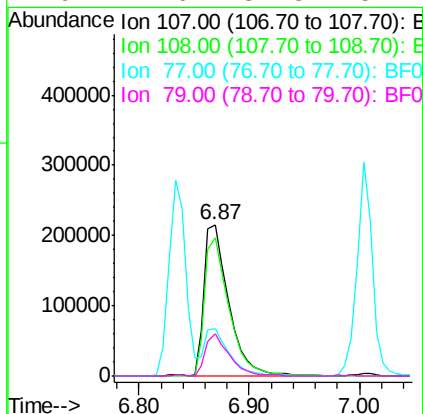
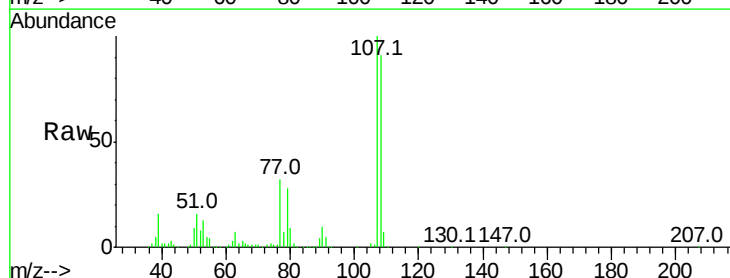
Instrument :
BNA_F
ClientSampleId :
PB101306BS

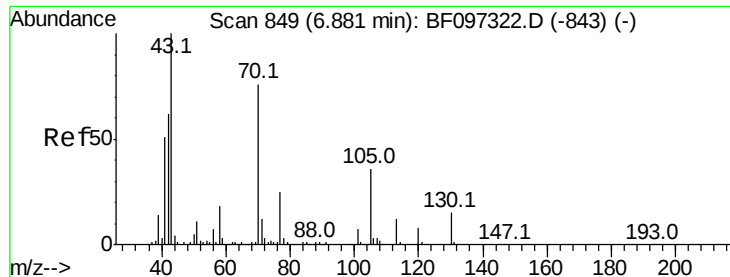
Tot Ion: 45 Resp: 594264
Ion Ratio Lower Upper
45 100
77 27.9 0.0 33.2
79 24.6 0.0 30.0



#17
2-Methylphenol
Concen: 18.818 ng
RT: 6.87 min Scan# 864
Delta R.T. 0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion: 107 Resp: 323566
Ion Ratio Lower Upper
107 100
108 91.4 93.4 140.0#
77 31.6 35.8 53.6#
79 27.6 34.8 52.2#

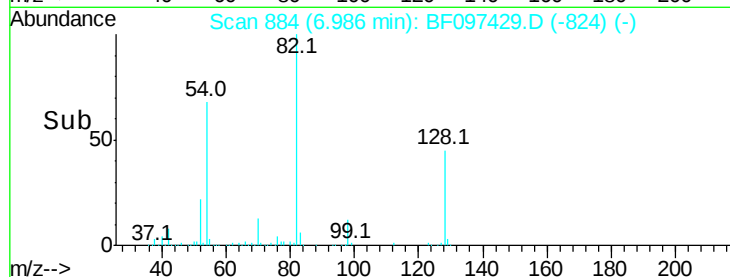
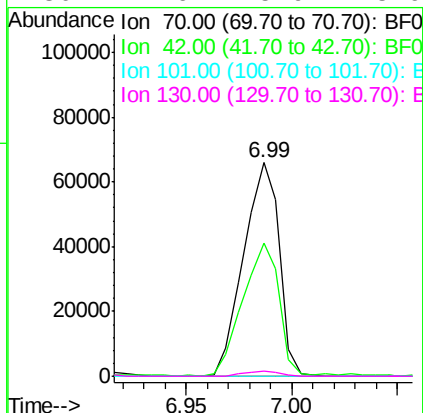
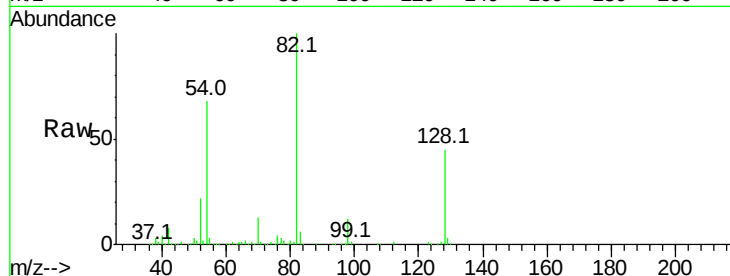




#19
n-Nitroso-di-n-propylamine
Concen: 4.941 ng
RT: 6.99 min Scan# 884
Delta R.T. 0.05 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

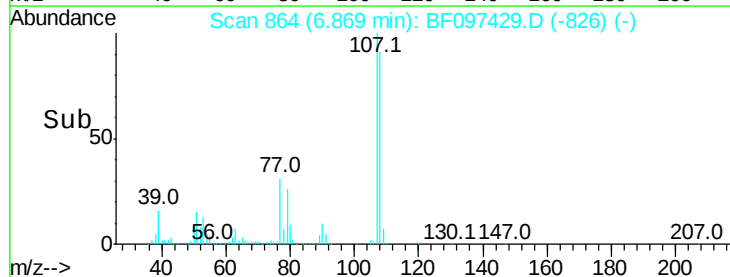
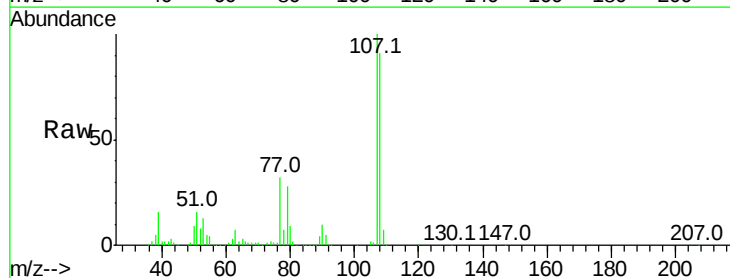
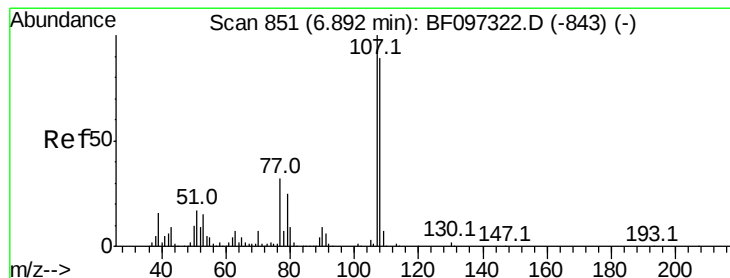
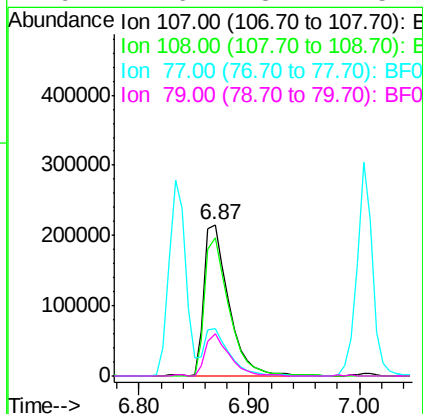
Instrument :
BNA_F
ClientSampleId :
PB101306BS

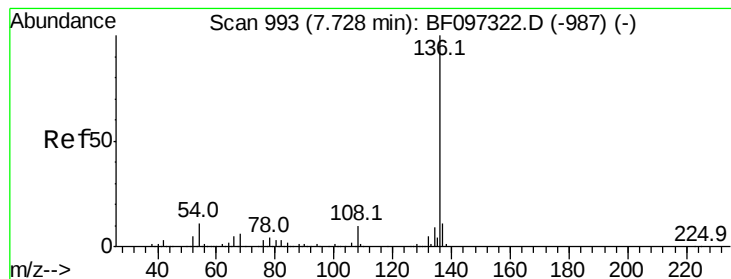
Tot Ion: 70 Resp: 77353
Ion Ratio Lower Upper
70 100
42 62.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#20
3+4-Methylphenols
Concen: 14.408 ng
RT: 6.87 min Scan# 864
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion: 107 Resp: 323566
Ion Ratio Lower Upper
107 100
108 91.4 71.0 111.0
77 31.6 90.5 130.5#
79 27.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.70 min Scan# 1005

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

Tot Ion:136 Resp: 413908

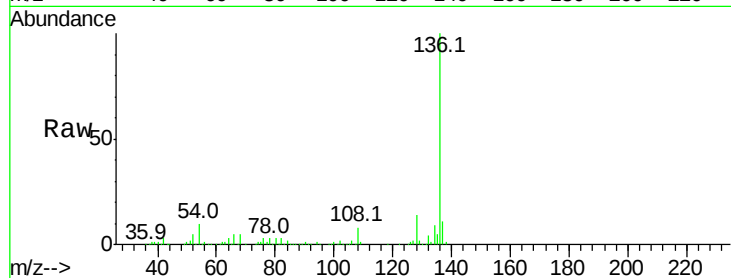
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.6 4.9 7.3#

68 5.1 4.1 6.1

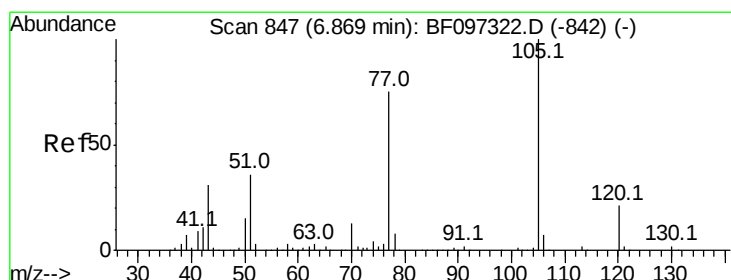
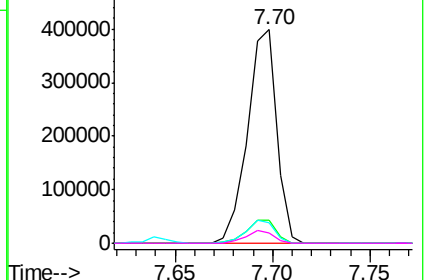
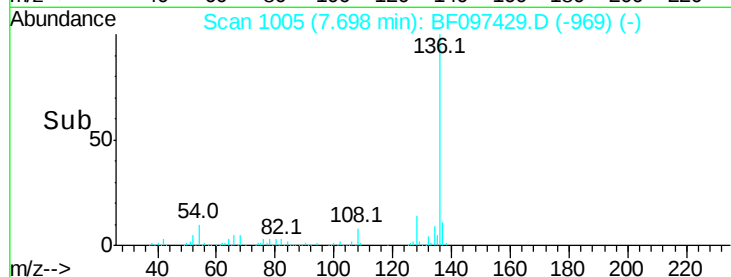


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.452 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:105 Resp: 402089

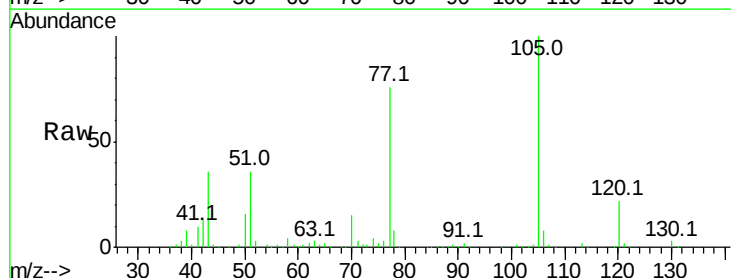
Ion Ratio Lower Upper

105 100

71 2.7 2.8 4.2#

51 36.0 30.7 46.1

120 21.8 17.4 26.0

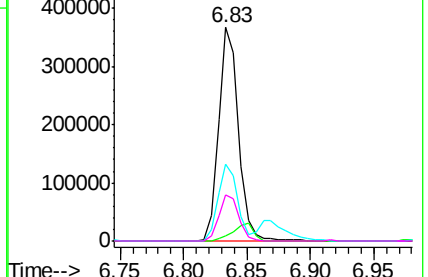
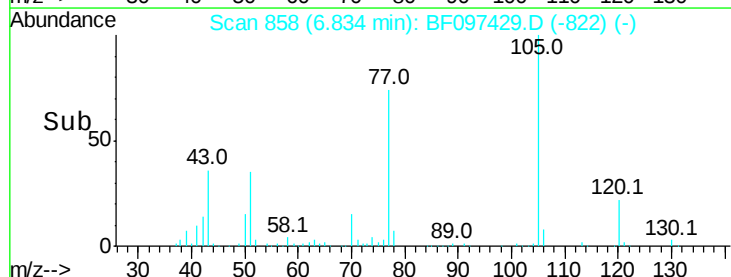


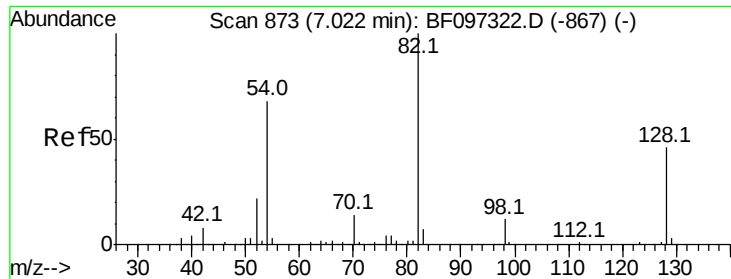
Abundance Ion 105.00 (104.70 to 105.70): E

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

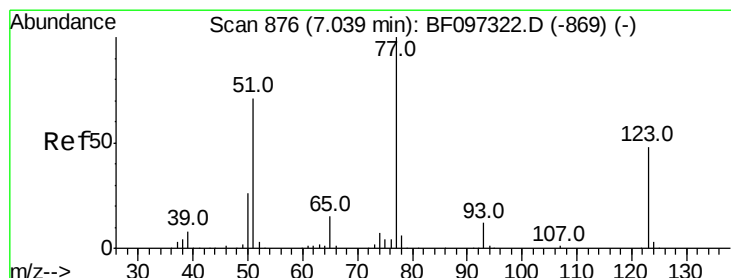
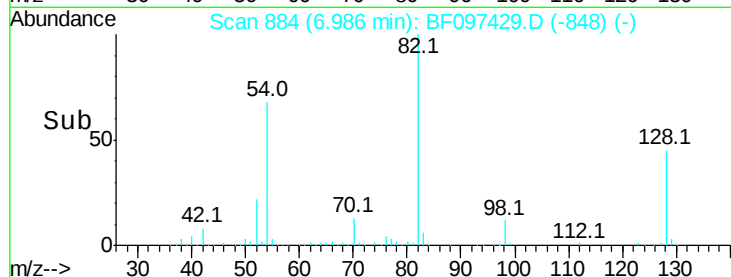
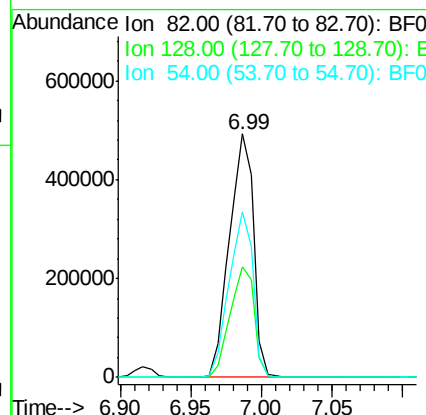
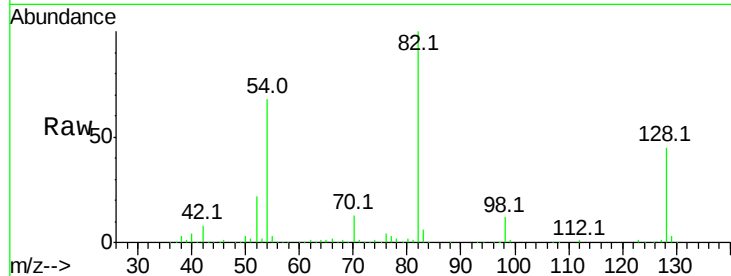




#23
 Nitrobenzene-d5
 Concen: 82.753 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

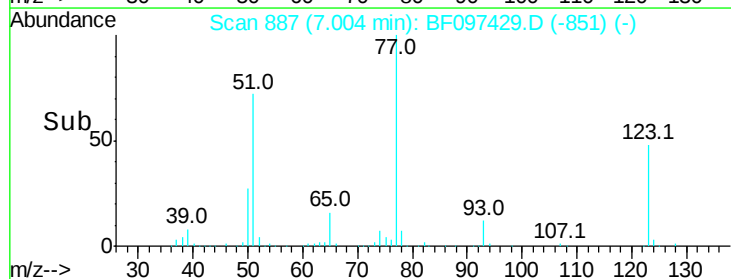
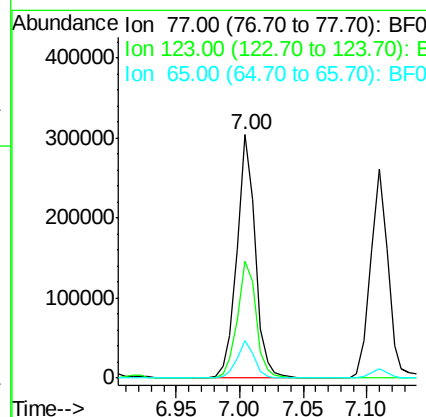
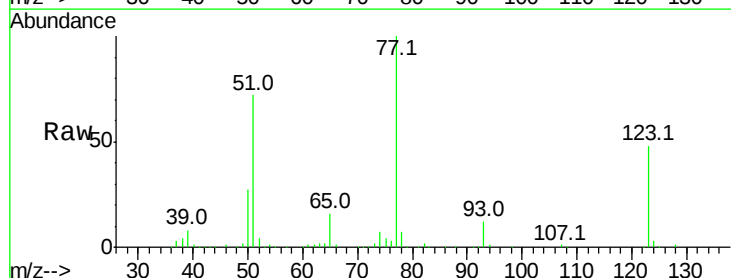
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

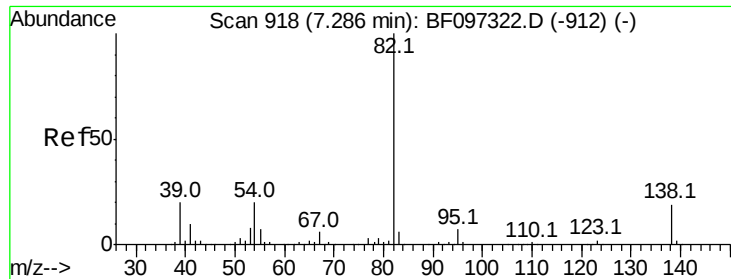
Tot Ion: 82 Resp: 583869
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 67.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.048 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion: 77 Resp: 301631
 Ion Ratio Lower Upper
 77 100
 123 47.8 35.8 53.8
 65 15.6 10.6 15.8





#25

Isophorone

Concen: 40.193 ng

RT: 7.25 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

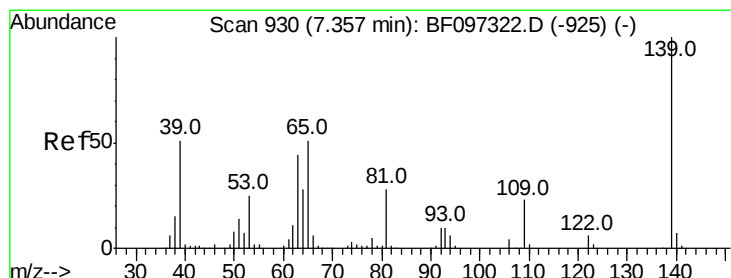
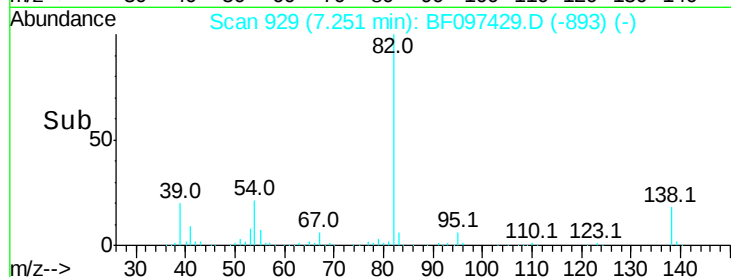
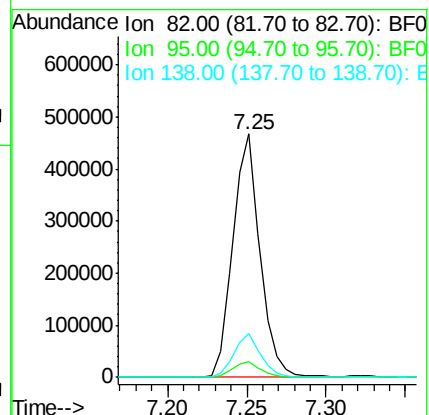
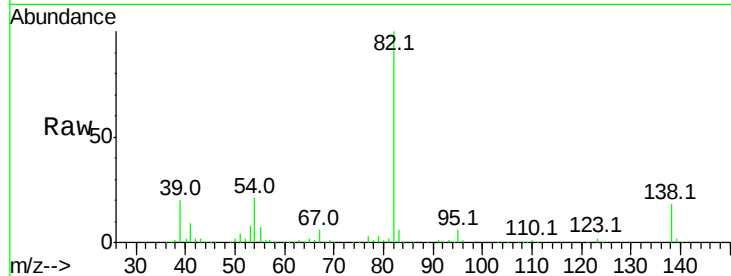
Tot Ion: 82 Resp: 555360

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 40.433 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

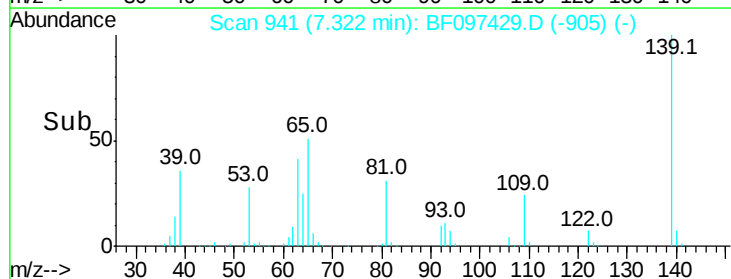
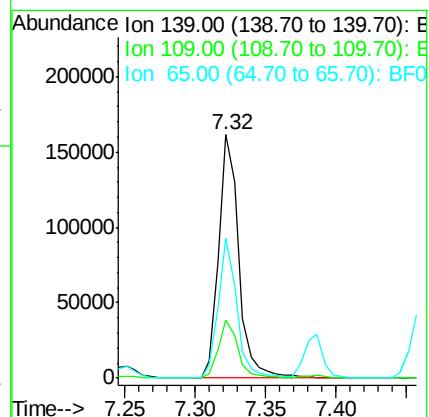
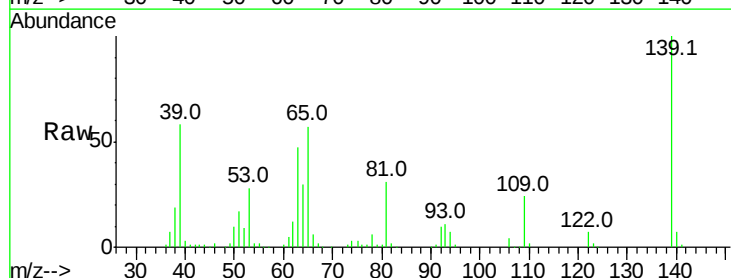
Tgt Ion: 139 Resp: 160743

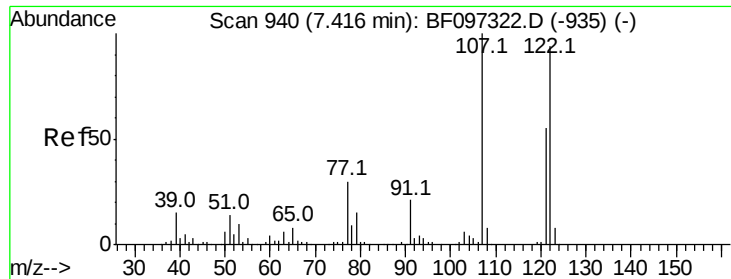
Ion Ratio Lower Upper

139 100

109 23.7 21.0 31.6

65 57.5 33.0 49.6#

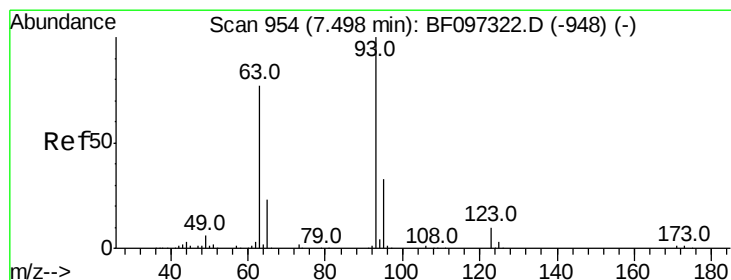
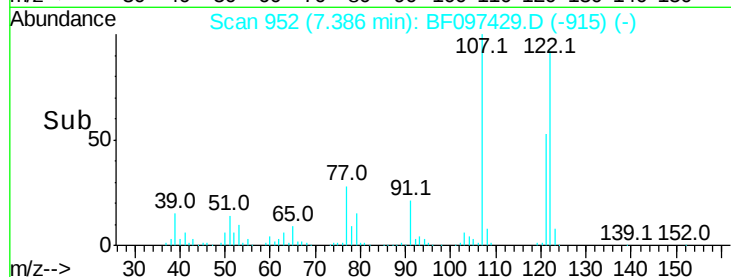
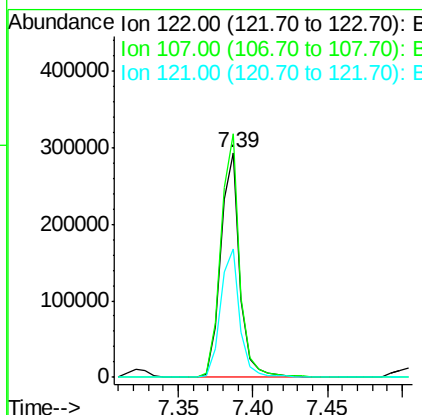
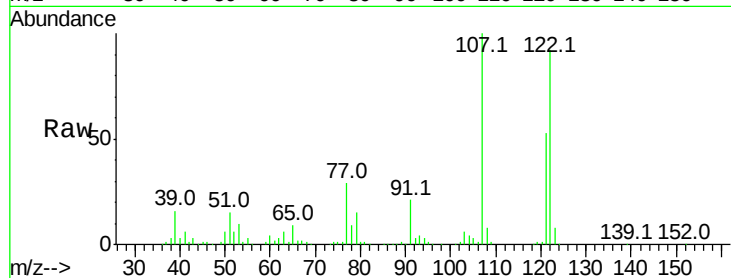




#27
 2,4-Dimethylphenol
 Concen: 40.367 ng
 RT: 7.39 min Scan# 952
 Delta R.T. -0.08 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

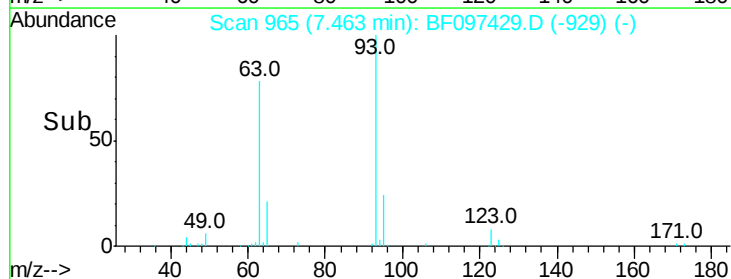
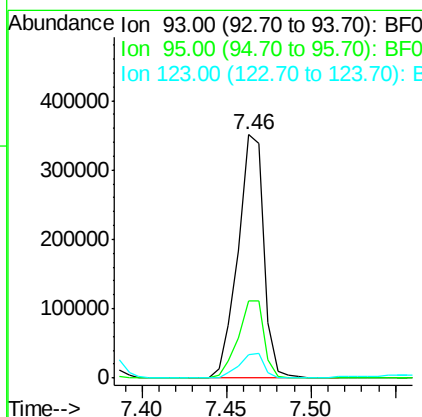
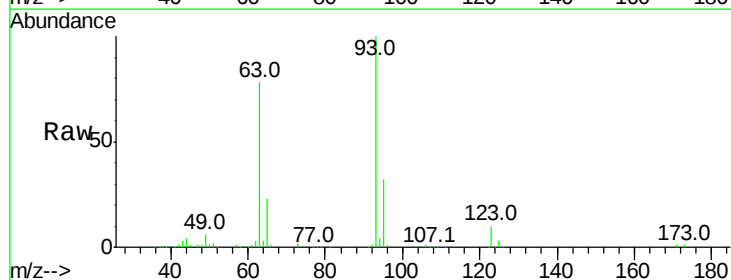
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

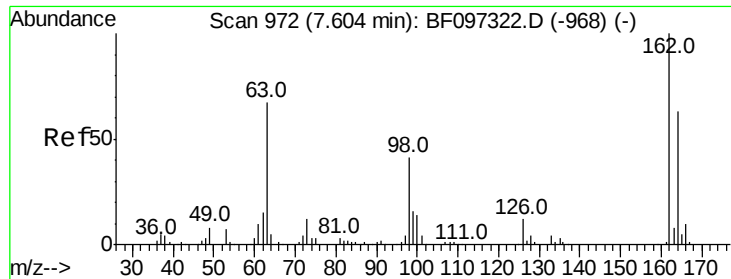
Tot Ion:122 Resp: 264727
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.2 133.8
 121 57.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.495 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion: 93 Resp: 374159
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 9.7 9.0 13.4

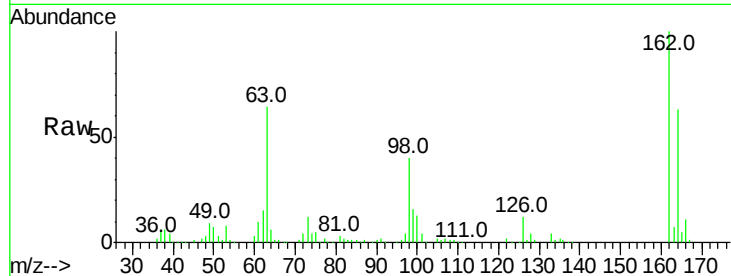




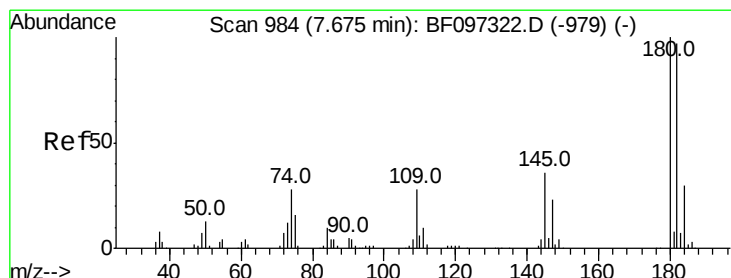
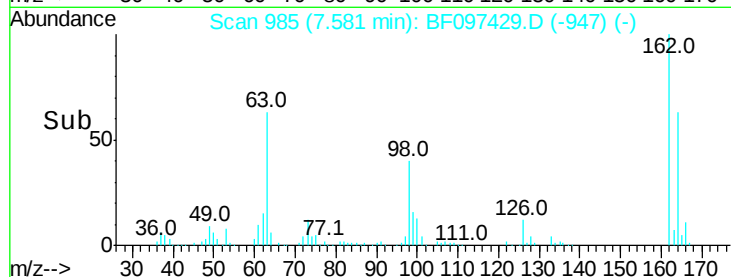
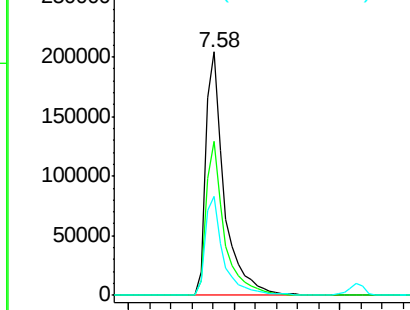
#29
 2,4-Dichlorophenol
 Concen: 43.581 ng
 RT: 7.58 min Scan# 985
 Delta R.T. -0.08 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleID :
 PB101306BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	40.4	14.8	54.8

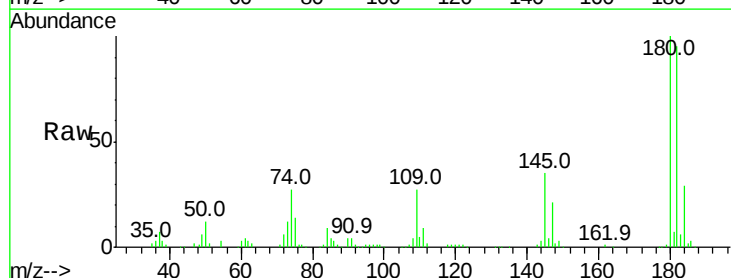


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

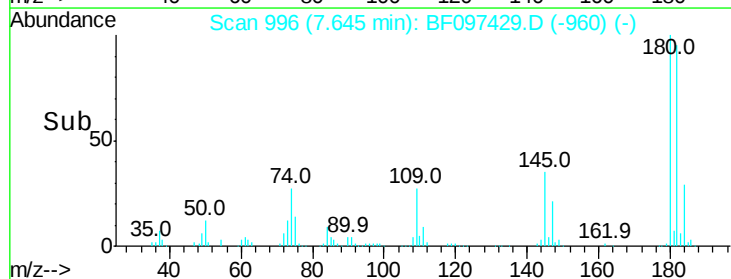
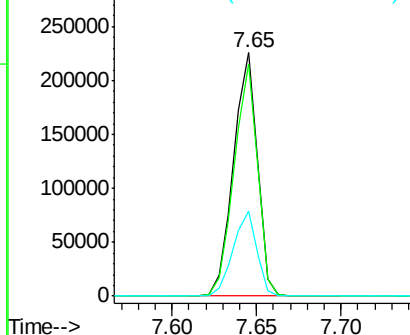


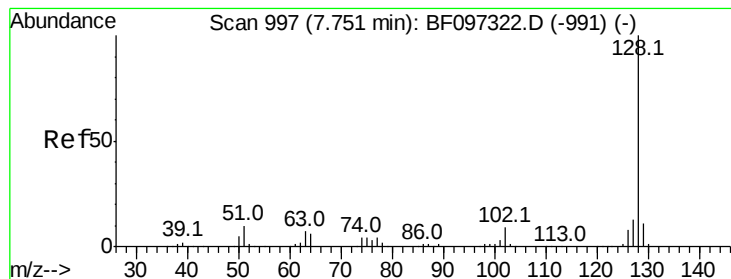
#30
 1,2,4-Trichlorobenzene
 Concen: 41.094 ng
 RT: 7.65 min Scan# 996
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	34.9	25.3	37.9



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





#31

Naphthalene

Concen: 41.796 ng

RT: 7.72 min Scan# 1008

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

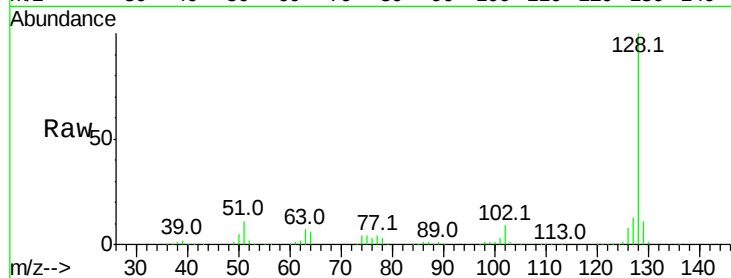
Tot Ion:128 Resp: 815489

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

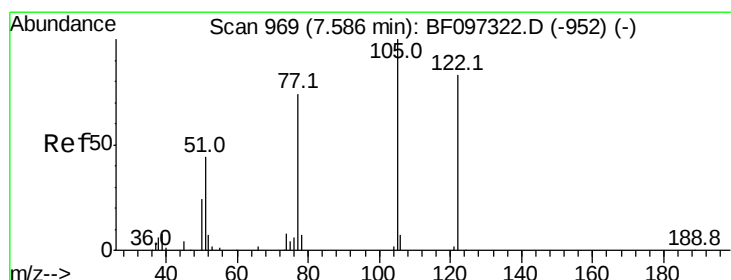
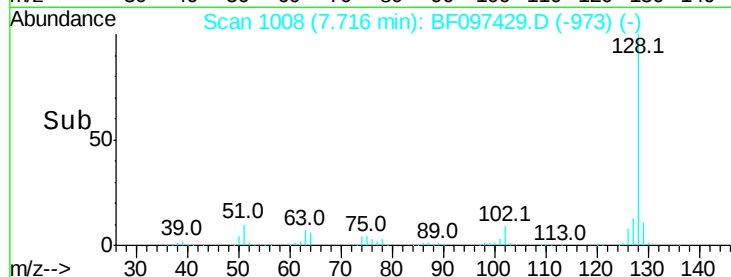
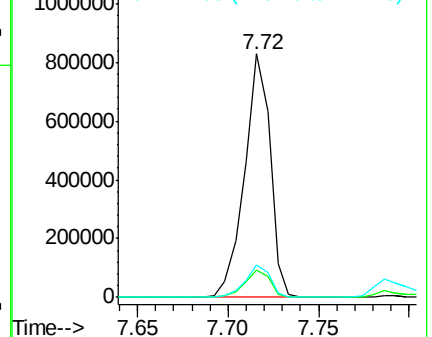
127 13.1 10.8 16.2



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: 34.622 ng

RT: 7.56 min Scan# 982

Delta R.T. -0.07 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

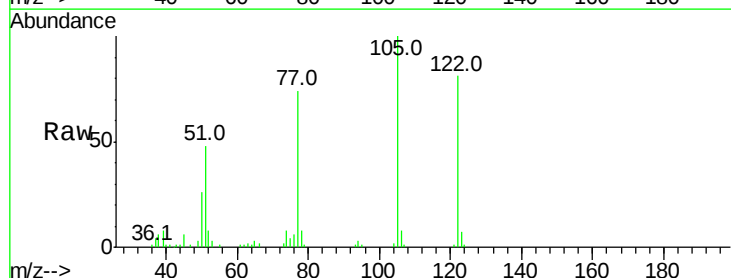
Tgt Ion:122 Resp: 169545

Ion Ratio Lower Upper

122 100

105 123.0 103.3 143.3

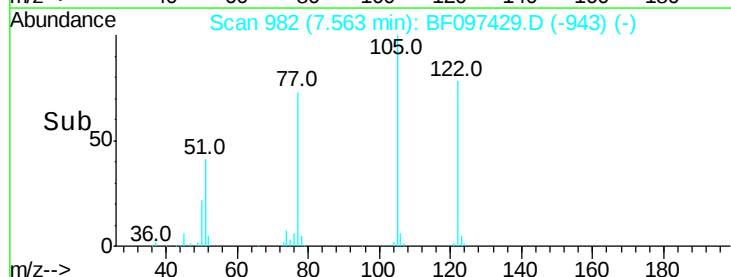
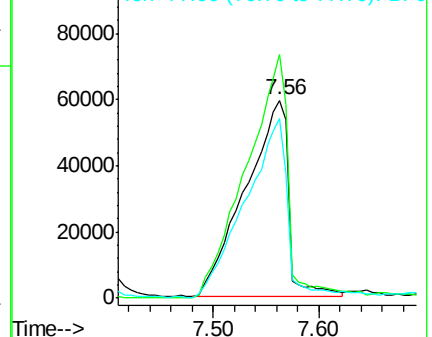
77 91.0 73.7 113.7

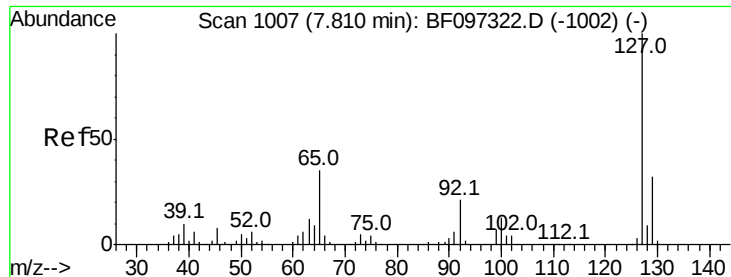


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

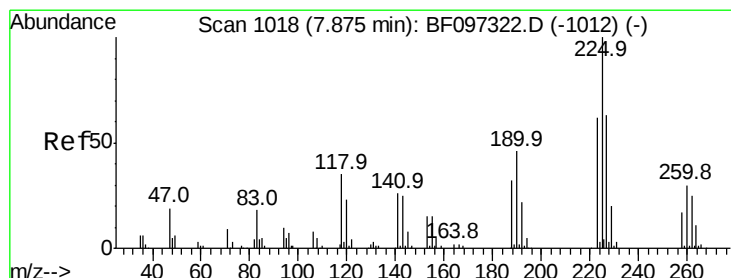
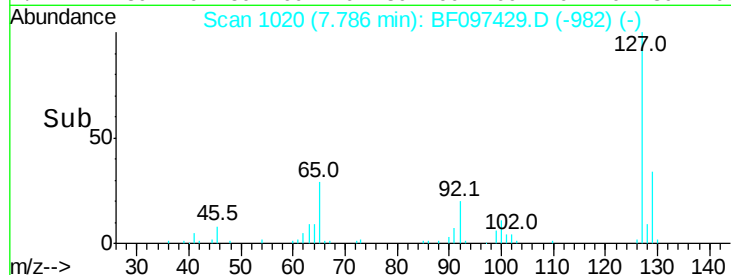
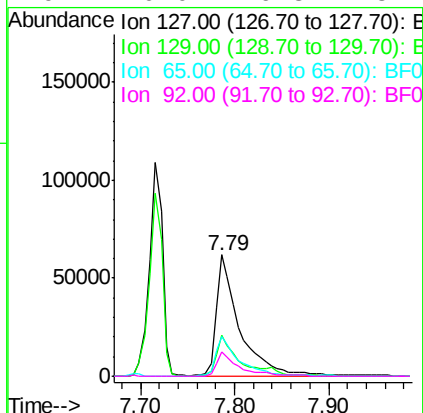
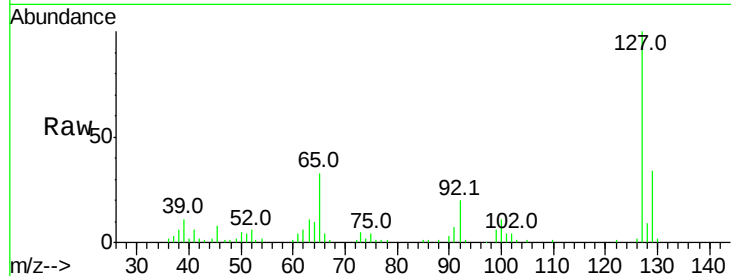




#33
4-Chloroaniline
Concen: 13.227 ng
RT: 7.79 min Scan# 1020
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

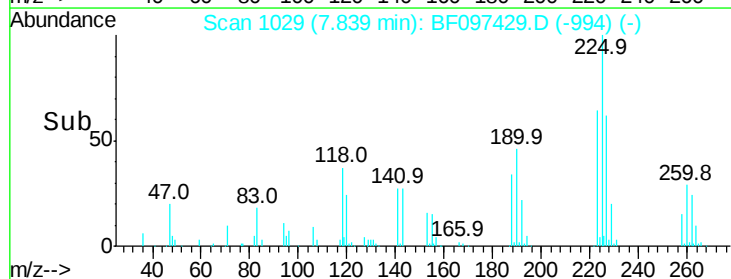
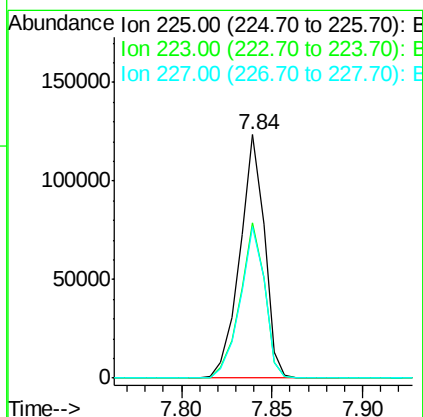
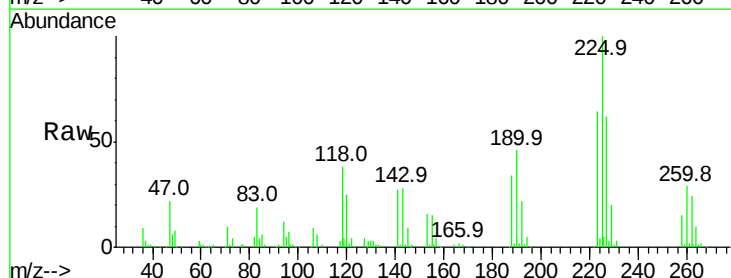
Instrument :
BNA_F
ClientSampleId :
PB101306BS

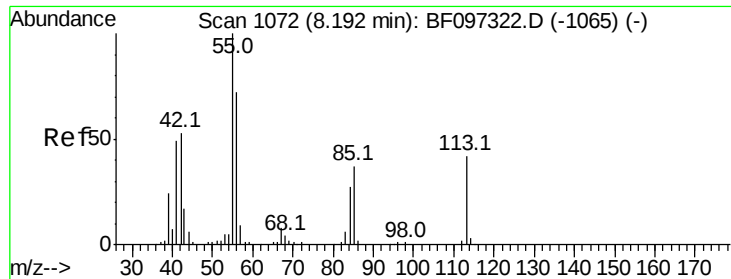
Tot Ion:	127	Resp:	105006
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.2
65	32.5	27.8	41.8
92	20.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.902 ng
RT: 7.84 min Scan# 1029
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:	225	Resp:	116769
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 29.827 ng

RT: 8.16 min Scan# 1084

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

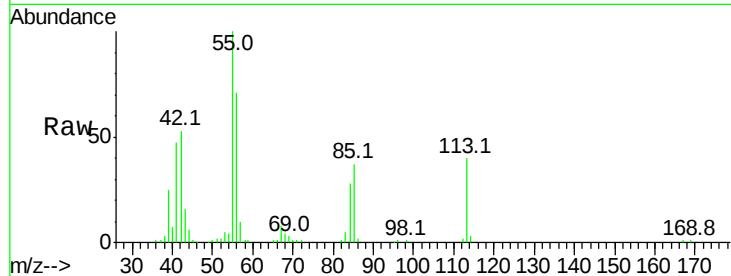
Tot Ion:113 Resp: 54034

Ion Ratio Lower Upper

113 100

55 248.0 150.2 190.2#

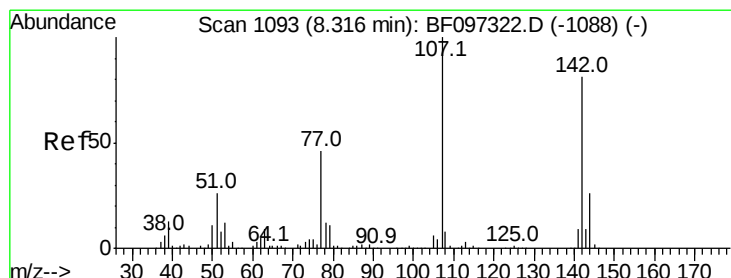
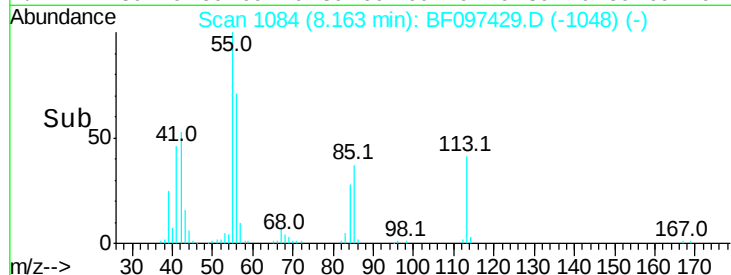
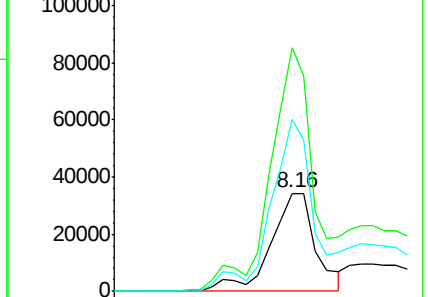
56 174.9 107.8 147.8#



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: 40.425 ng

RT: 8.30 min Scan# 1107

Delta R.T. -0.07 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

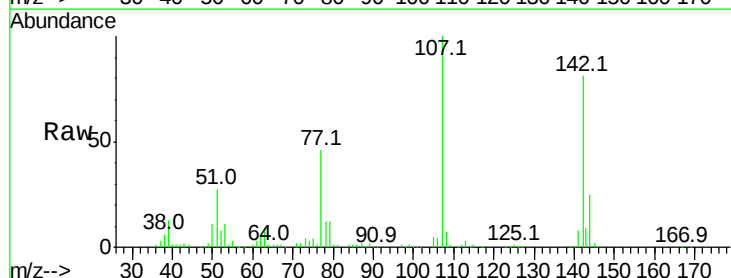
Tgt Ion:107 Resp: 249164

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

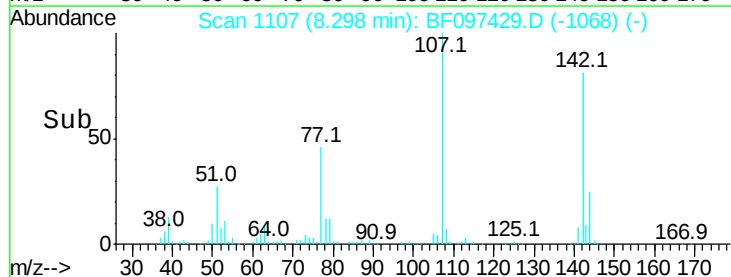
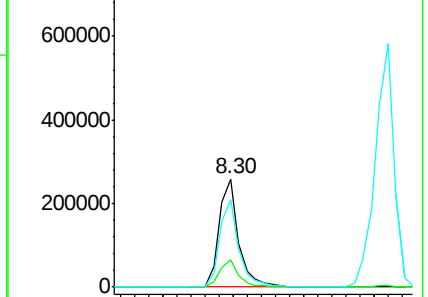
142 81.4 73.4 110.0

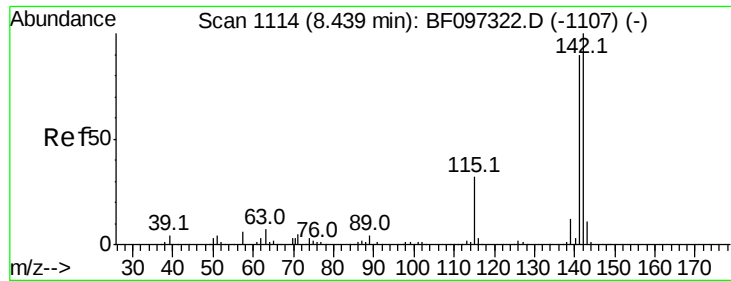


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

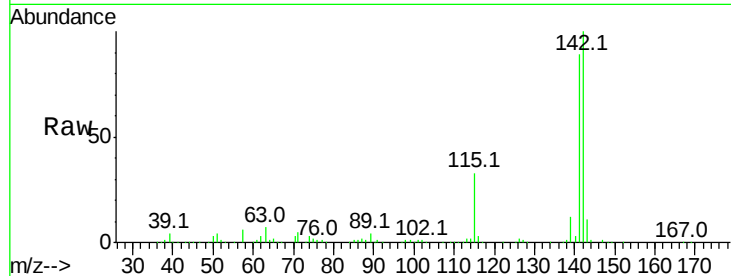




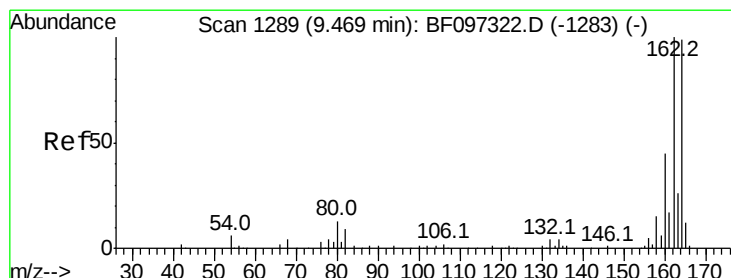
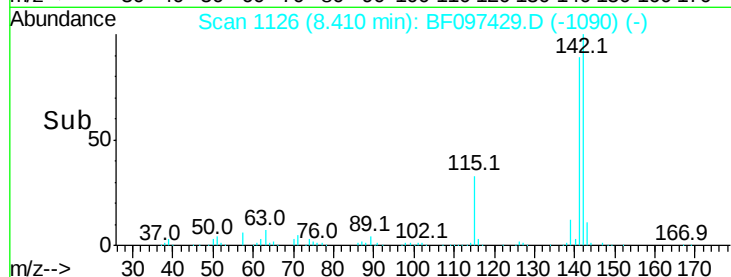
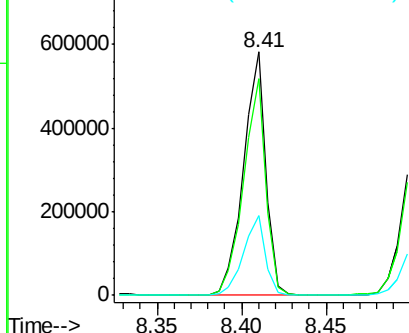
#37
2-Methylnaphthalene
Concen: 43.723 ng
RT: 8.41 min Scan# 1126
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.9	27.1	40.7

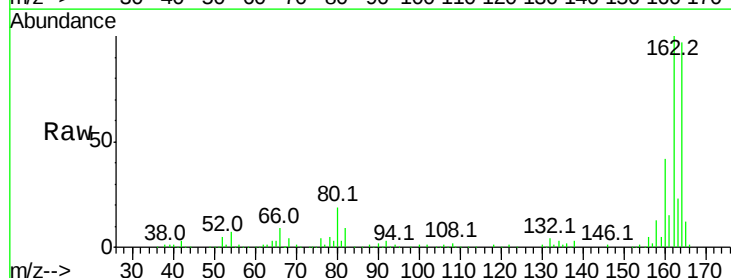


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

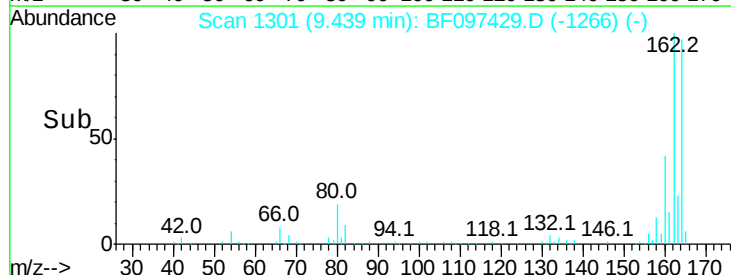
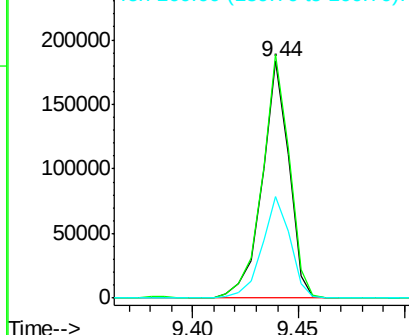


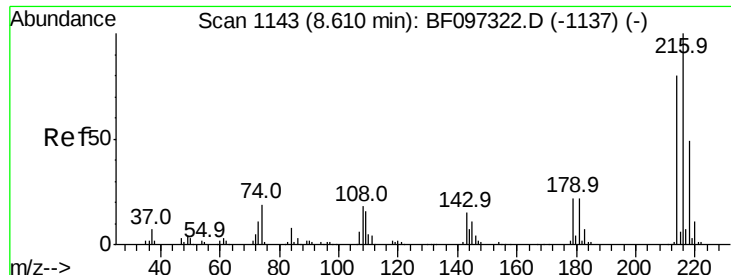
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.1	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

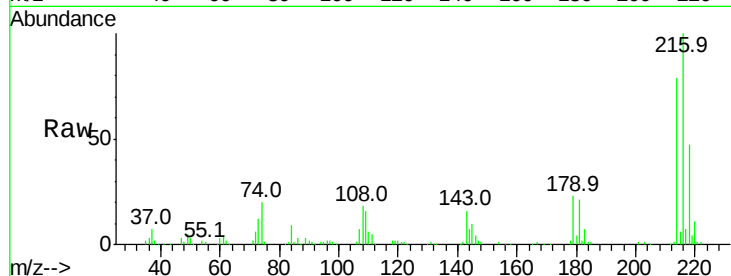




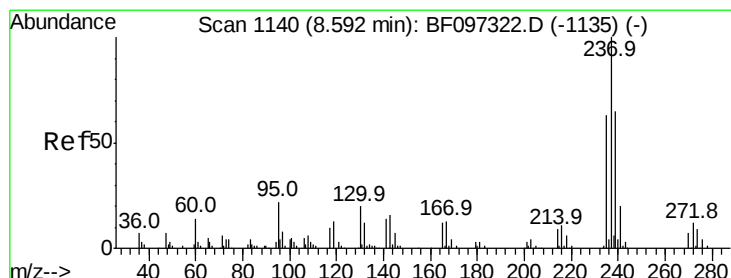
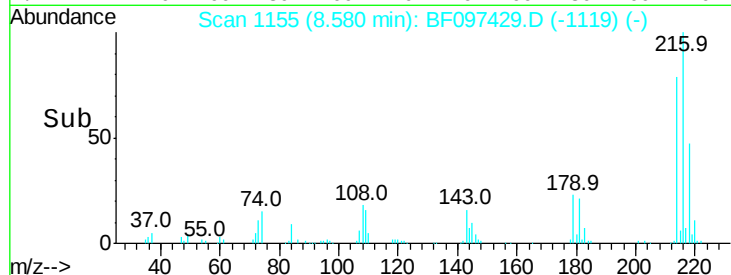
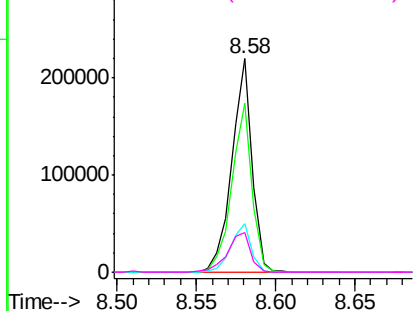
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.183 ng
 RT: 8.58 min Scan# 1155
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:	216	Resp:	195012
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.2
179	22.8	17.9	26.9
108	21.5	16.5	24.7

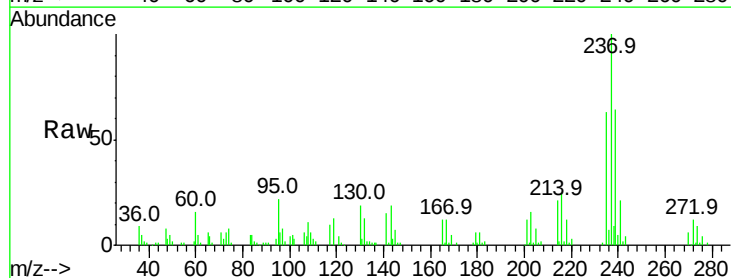


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

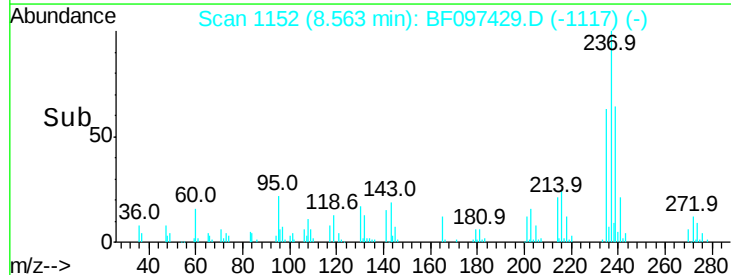
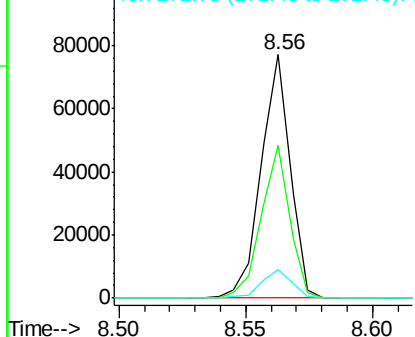


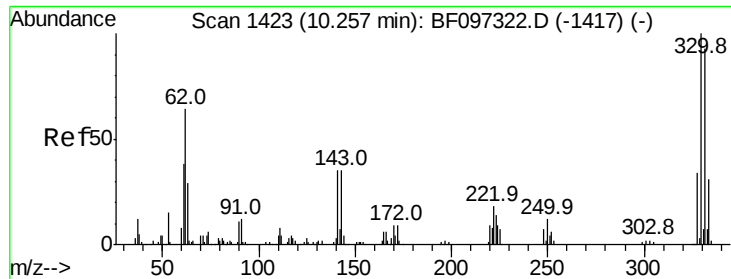
#40
 Hexachlorocyclopentadiene
 Concen: 44.343 ng
 RT: 8.56 min Scan# 1152
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:	237	Resp:	62094
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.6	82.6
272	11.7	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

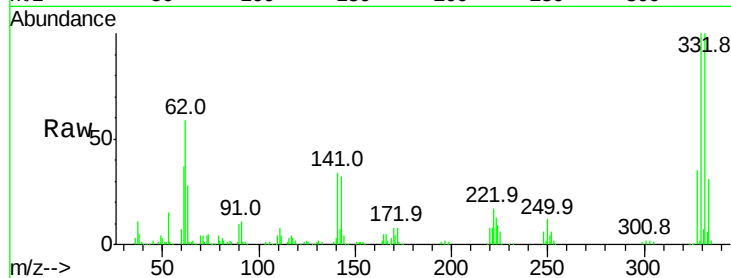




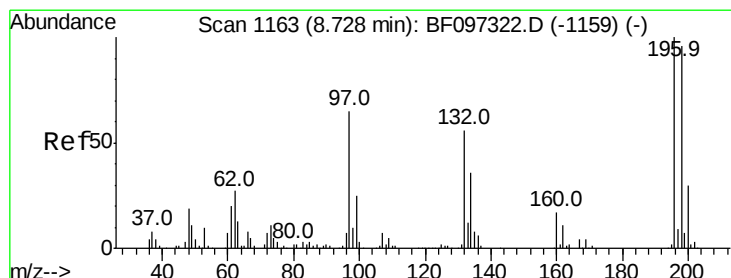
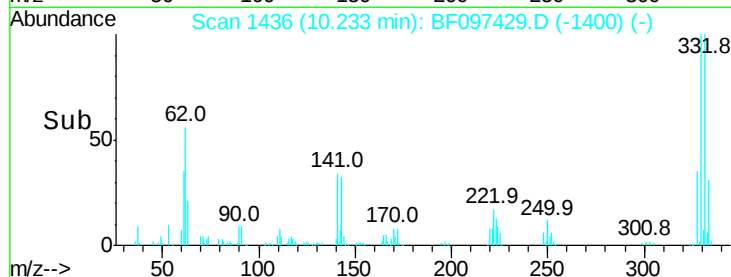
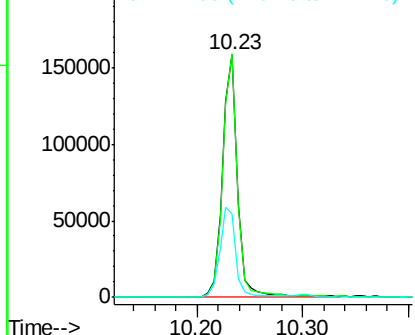
#41
 2,4,6-Tribromophenol
 Concen: 124.871 ng
 RT: 10.23 min Scan# 1436
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:330 Resp: 159589
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 39.8 31.4 47.2

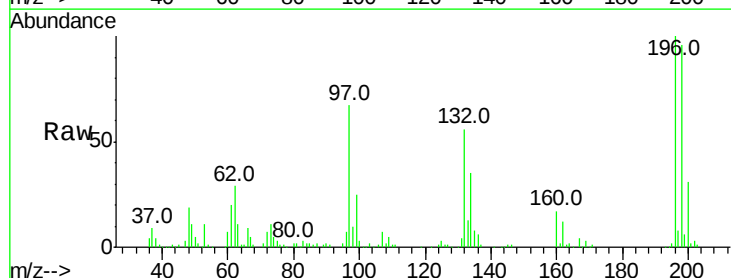


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

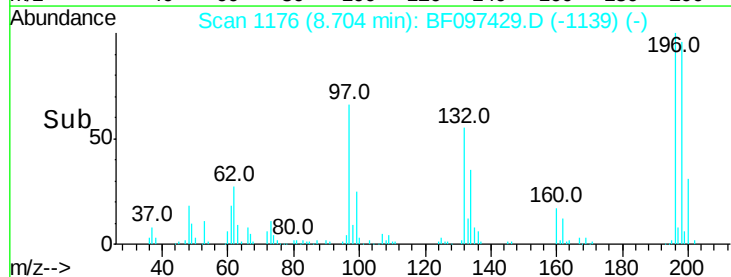
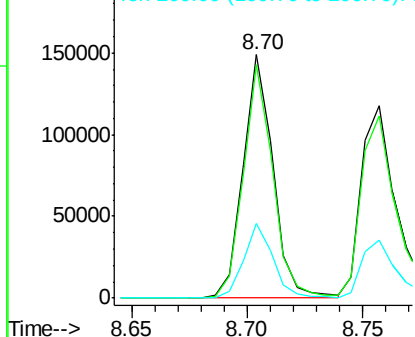


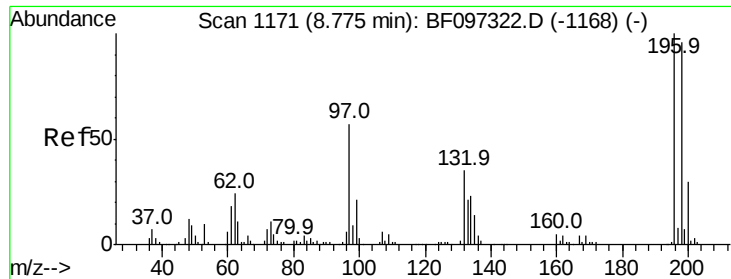
#42
 2,4,6-Trichlorophenol
 Concen: 43.359 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:196 Resp: 135614
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 30.7 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

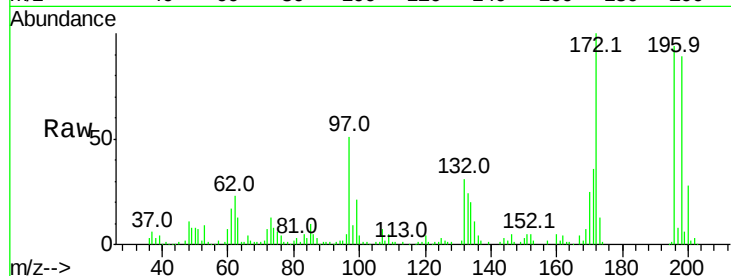




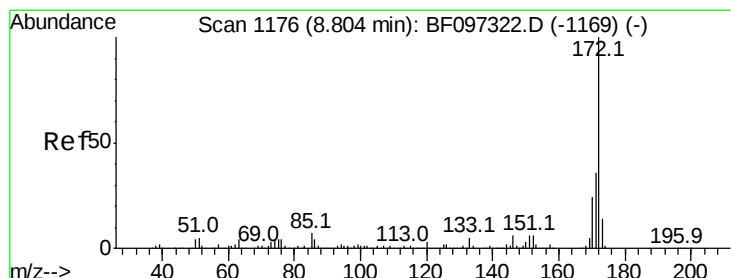
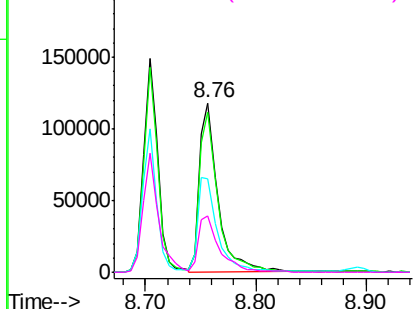
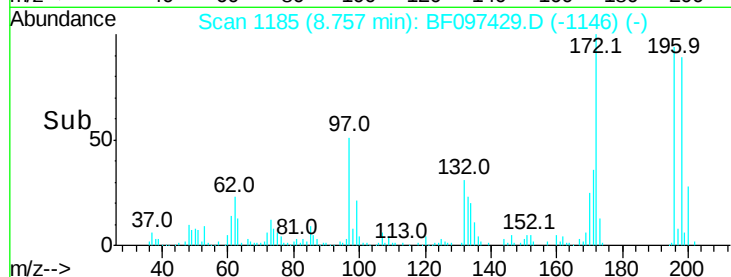
#43
 2,4,5-Trichlorophenol
 Concen: 42.615 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.07 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:196 Resp: 133410
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 97 54.9 47.7 71.5
 132 33.2 28.0 42.0

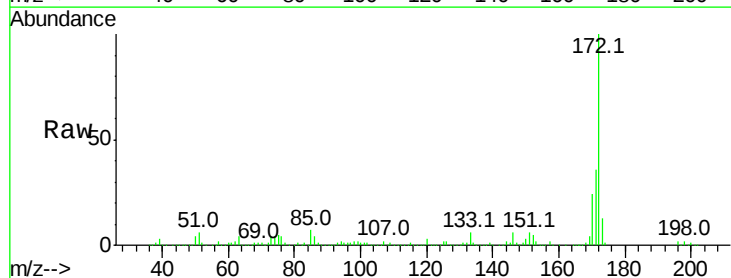


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

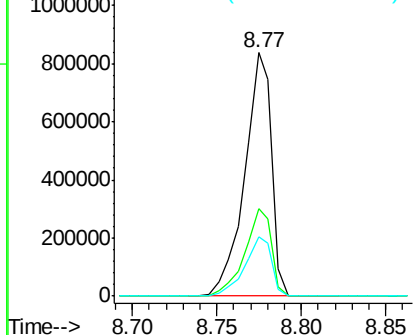
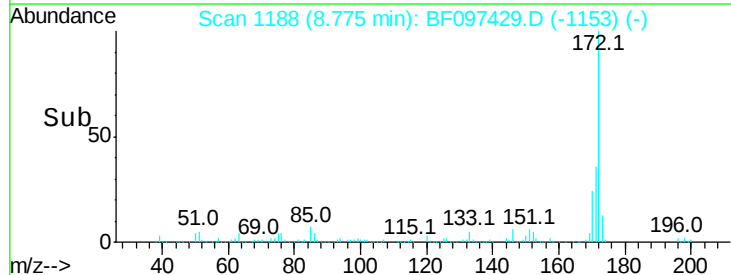


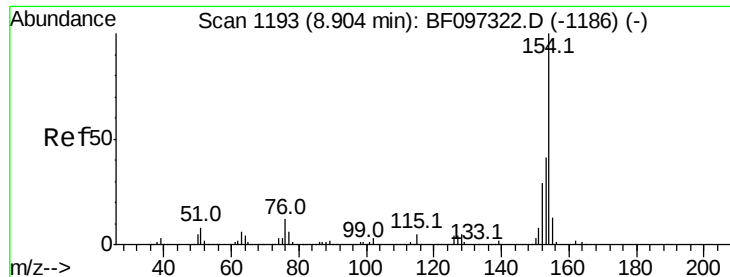
#44
 2-Fluorobiphenyl
 Concen: 97.577 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:172 Resp: 930038
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 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

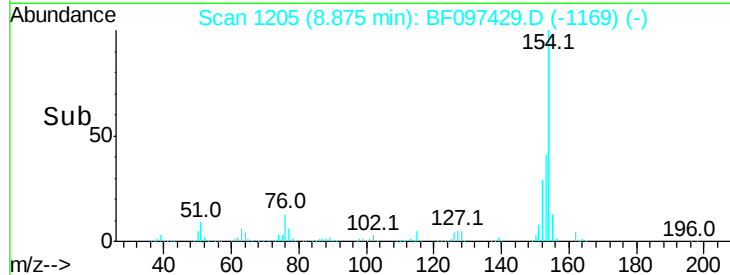
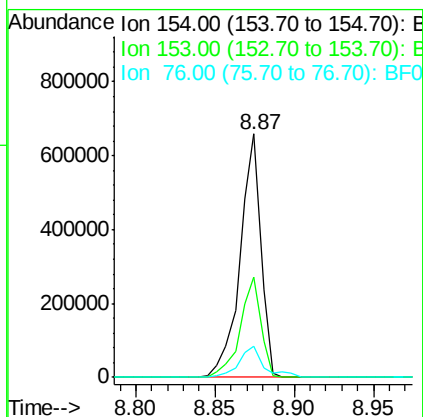
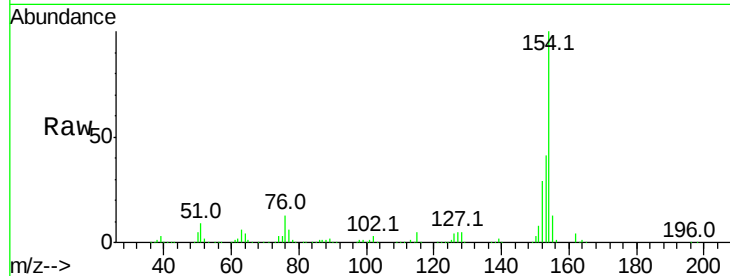




#45
 1,1'-Biphenyl
 Concen: 43.311 ng
 RT: 8.87 min Scan# 1205
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

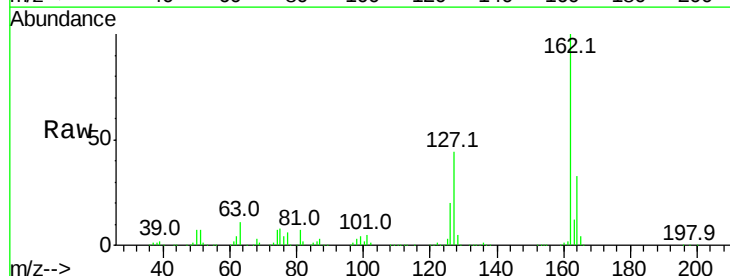
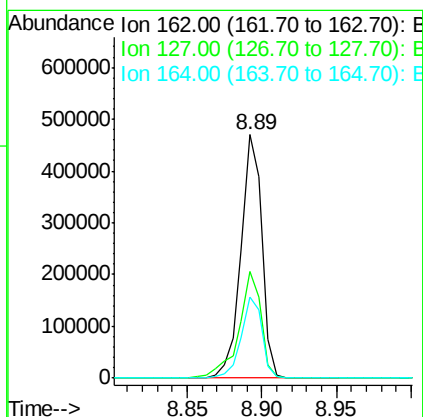
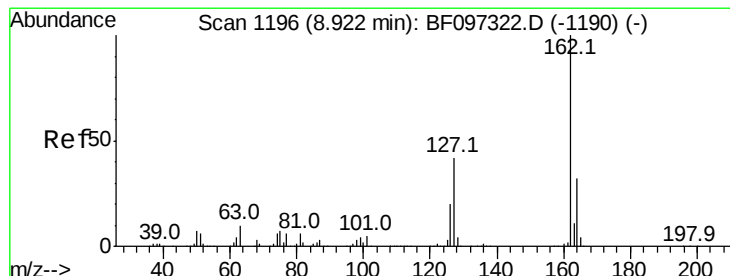
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

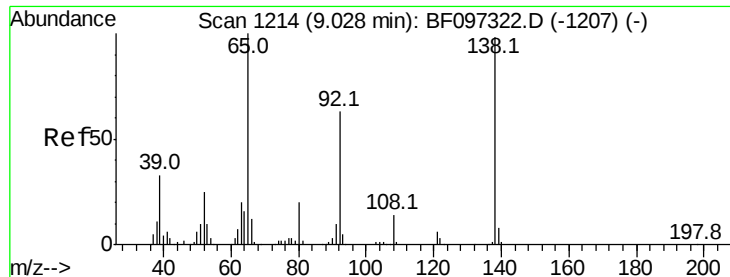
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 45.147 ng
 RT: 8.89 min Scan# 1208
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.9	28.3	42.5#
164	33.1	27.0	40.4

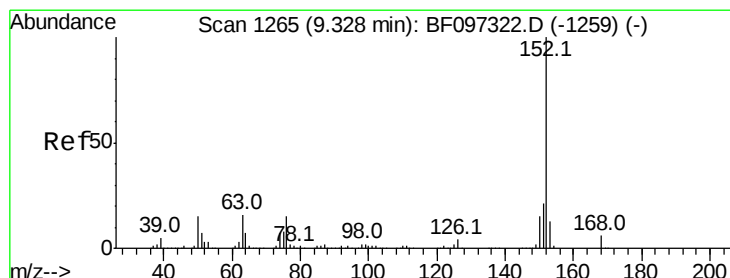
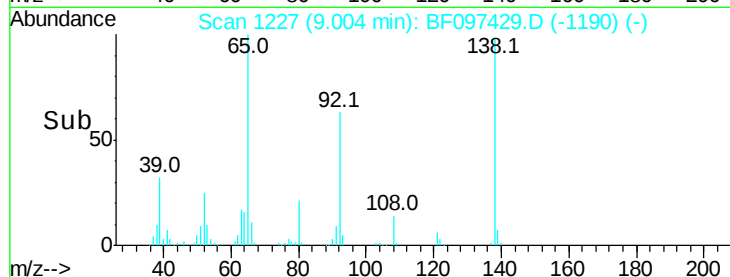
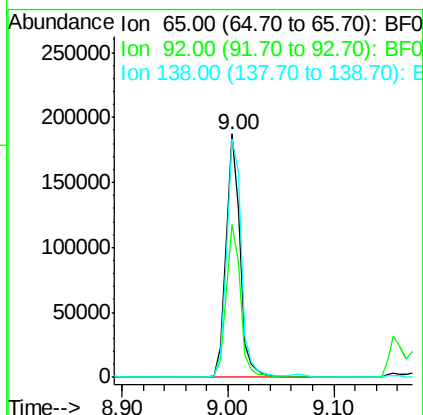
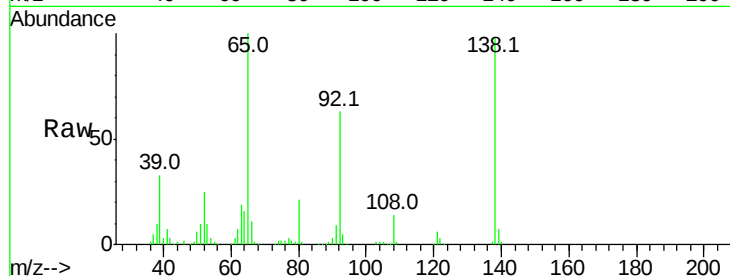




#47
2-Nitroaniline
Concen: 46.735 ng
RT: 9.00 min Scan# 1227
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

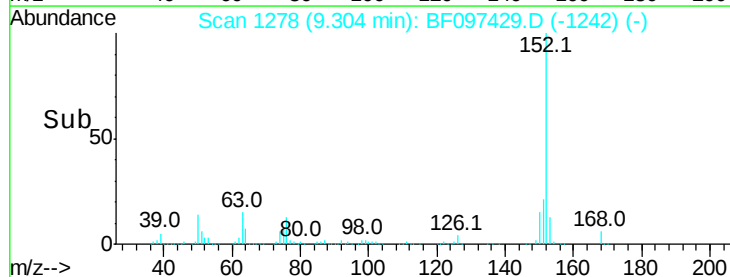
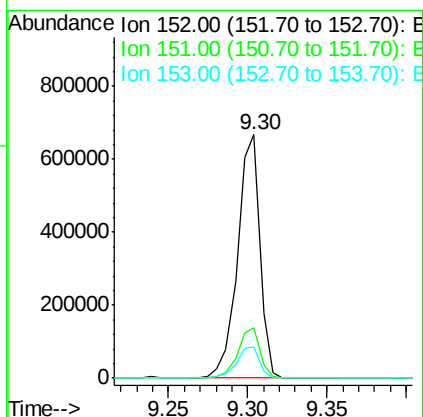
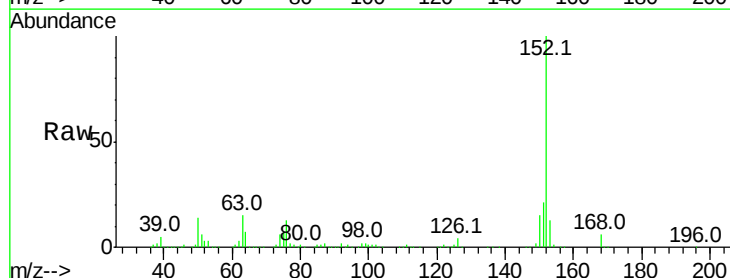
Instrument :
BNA_F
ClientSampleId :
PB101306BS

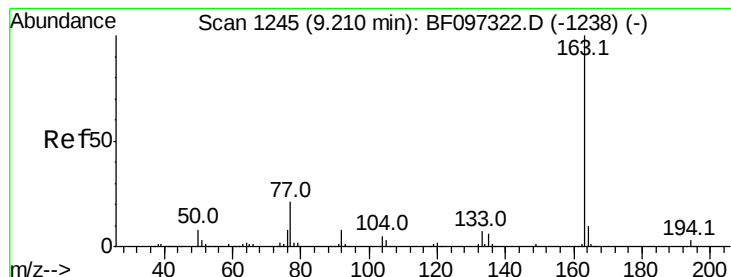
Tot Ion: 65 Resp: 172442
Ion Ratio Lower Upper
65 100
92 62.9 53.9 80.9
138 98.2 78.8 118.2



#48
Acenaphthylene
Concen: 41.779 ng
RT: 9.30 min Scan# 1278
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion: 152 Resp: 651996
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 42.831 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

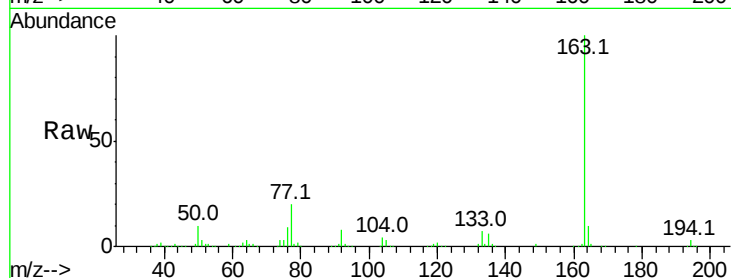
Tot Ion:163 Resp: 526113

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

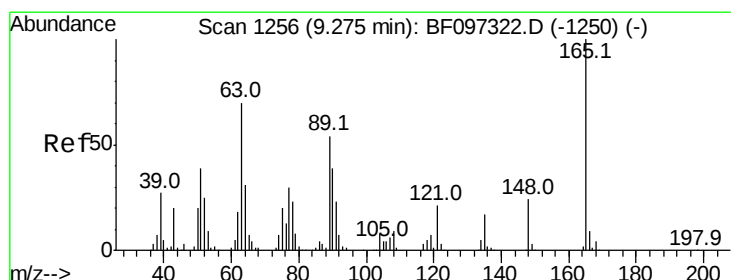
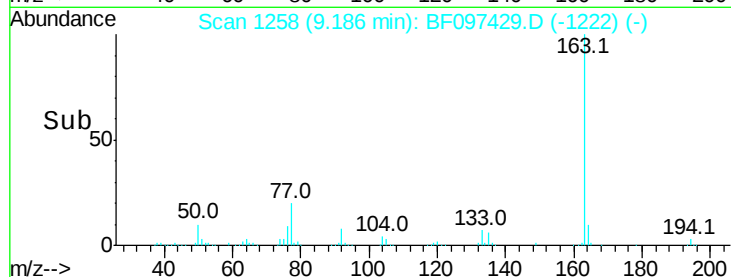
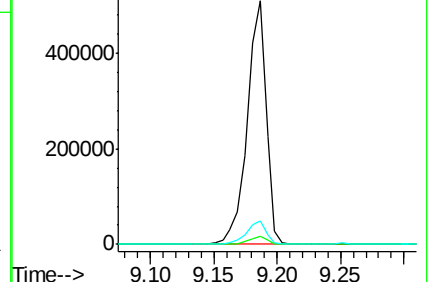
164 9.8 8.4 12.6



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: 42.254 ng

RT: 9.25 min Scan# 1269

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

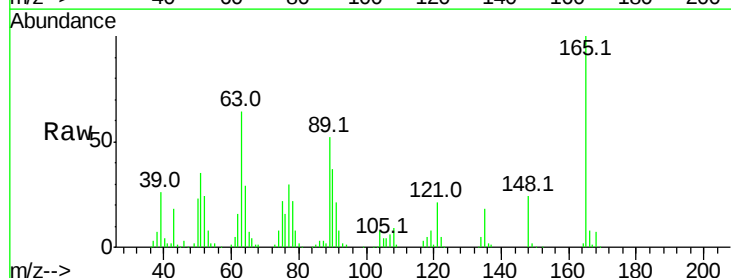
Tgt Ion:165 Resp: 110082

Ion Ratio Lower Upper

165 100

63 64.2 34.3 51.5#

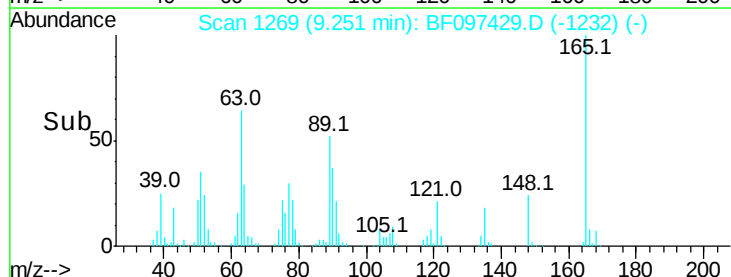
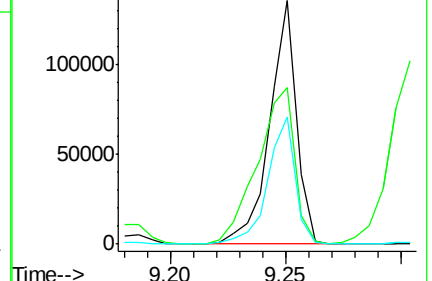
89 52.2 37.1 55.7

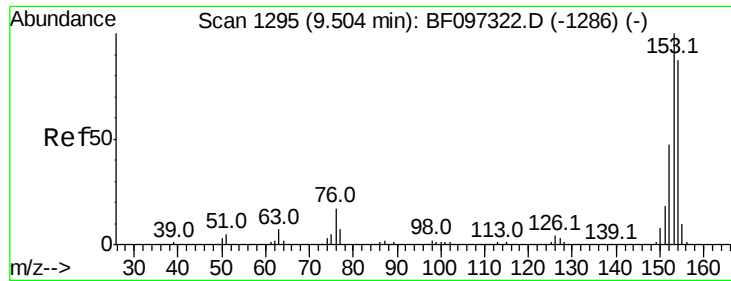


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.763 ng

RT: 9.47 min Scan# 1307

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

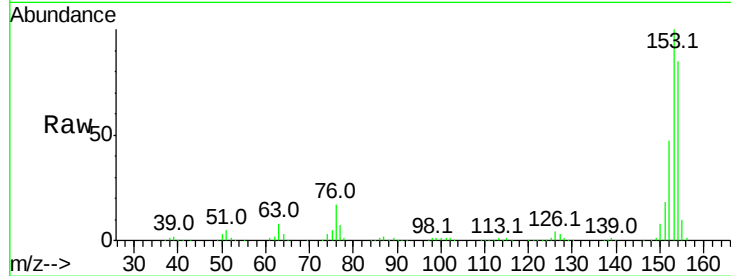
Tot Ion:154 Resp: 383905

Ion Ratio Lower Upper

154 100

153 117.2 90.5 135.7

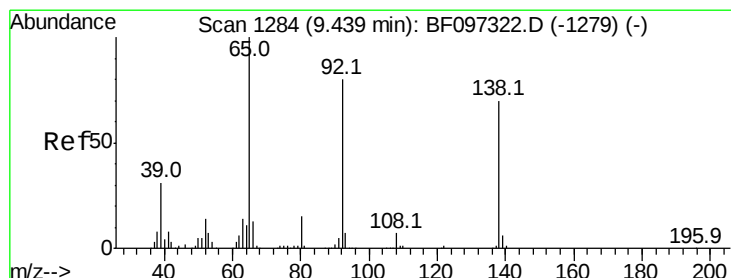
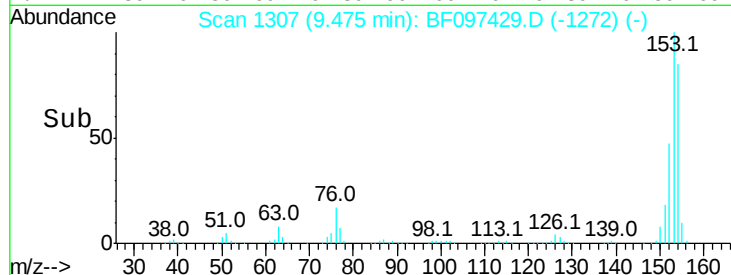
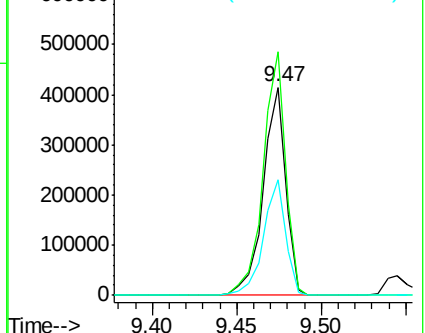
152 55.3 43.6 65.4



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: 23.010 ng

RT: 9.42 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

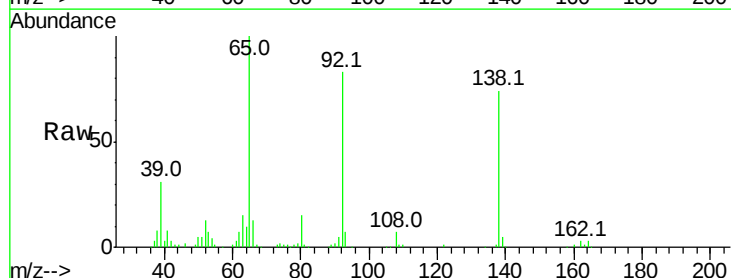
Tgt Ion:138 Resp: 74408

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

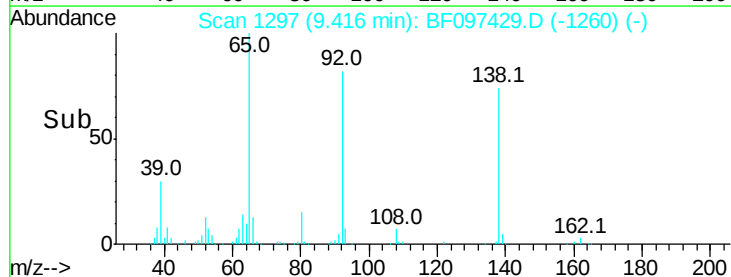
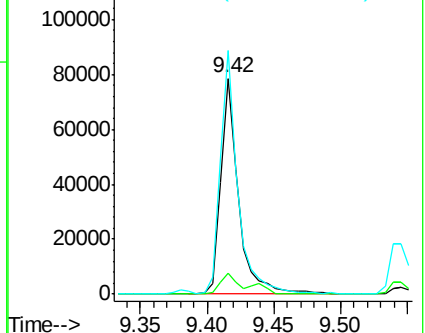
92 112.8 93.8 140.6

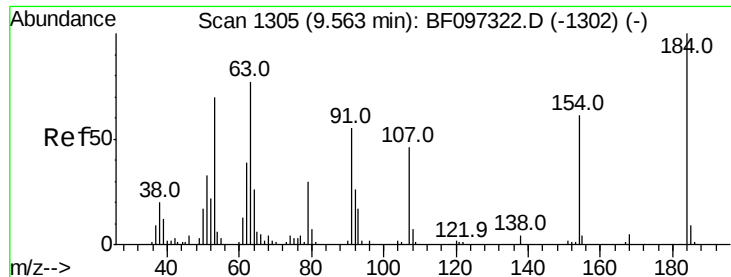


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

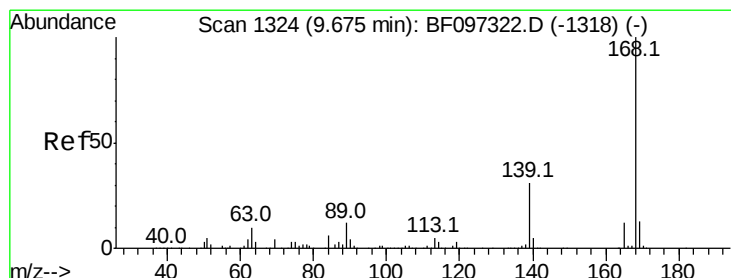
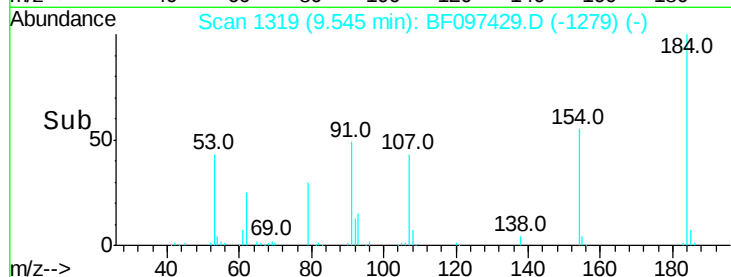
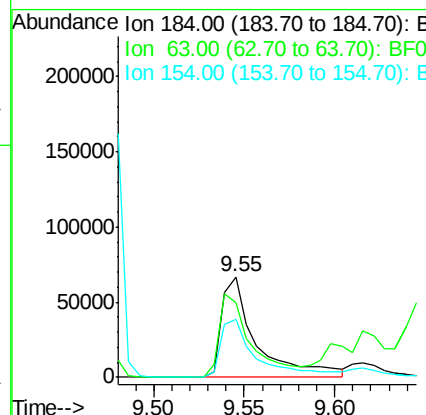
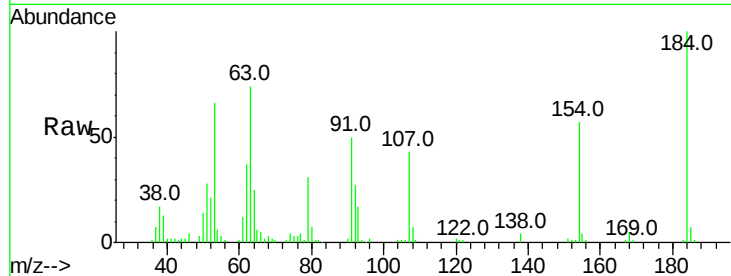




#53
 2,4-Dinitrophenol
 Concen: 74.925 ng
 RT: 9.55 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

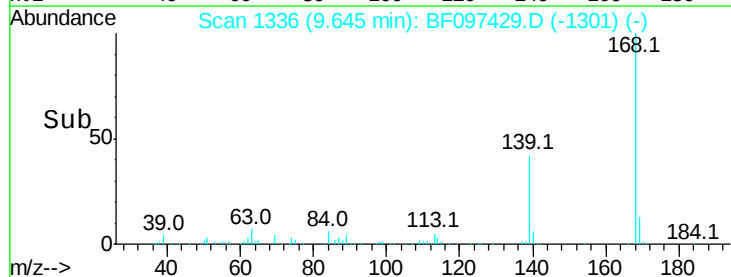
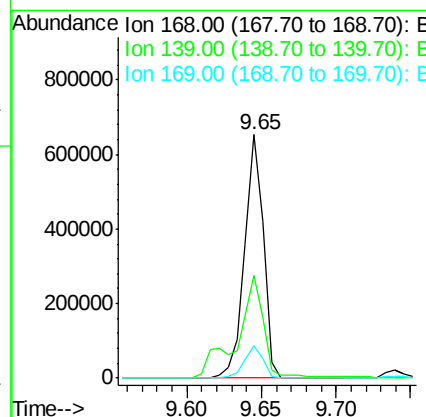
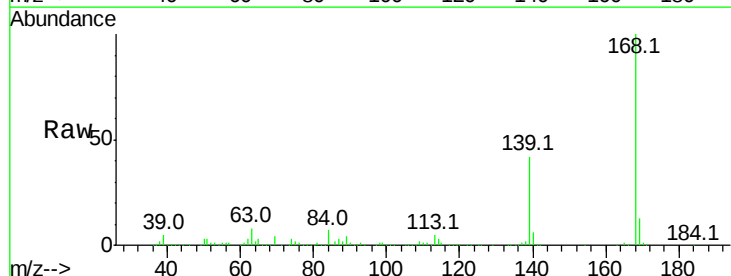
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

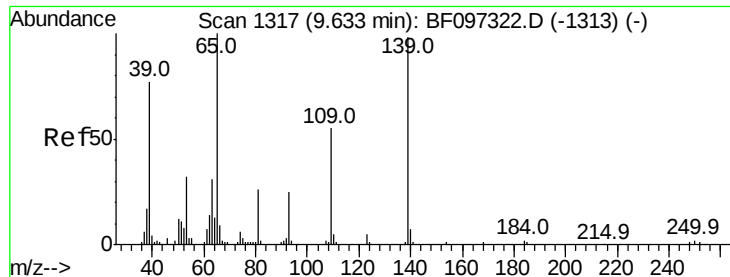
Tot Ion:184 Resp: 88752
 Ion Ratio Lower Upper
 184 100
 63 73.8 62.7 94.1
 154 57.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.653 ng
 RT: 9.65 min Scan# 1336
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:168 Resp: 571224
 Ion Ratio Lower Upper
 168 100
 139 42.0 30.6 45.8
 169 13.2 10.8 16.2

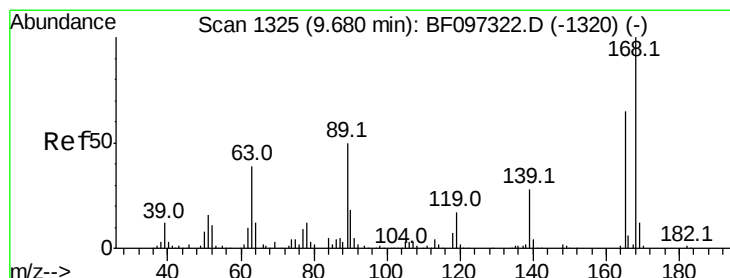
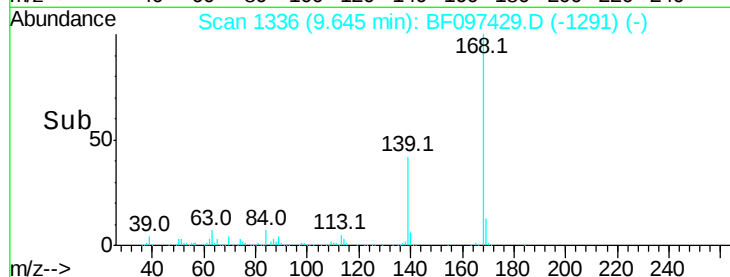
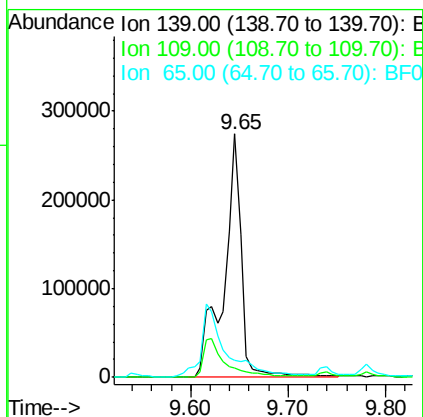
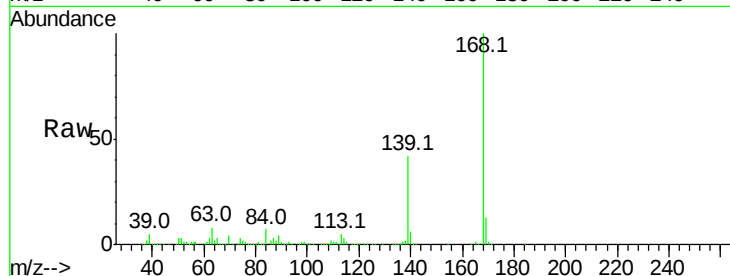




#55
4-Nitrophenol
Concen: 181.623 ng
RT: 9.65 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

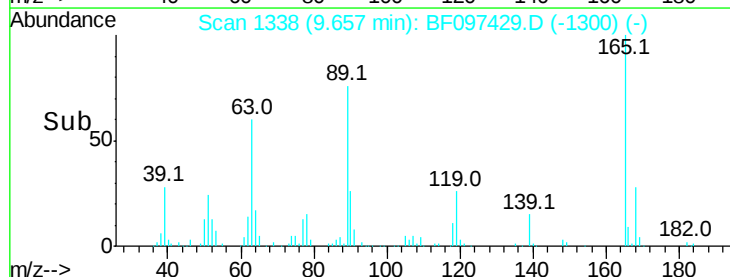
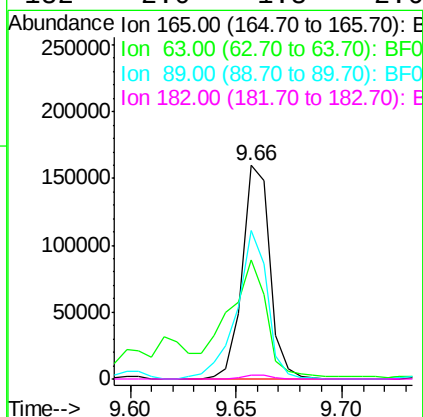
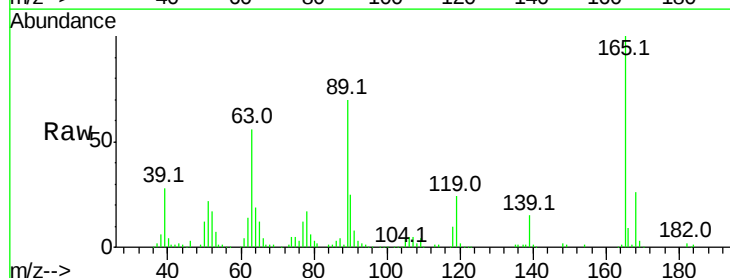
Instrument :
BNA_F
ClientSampleId :
PB101306BS

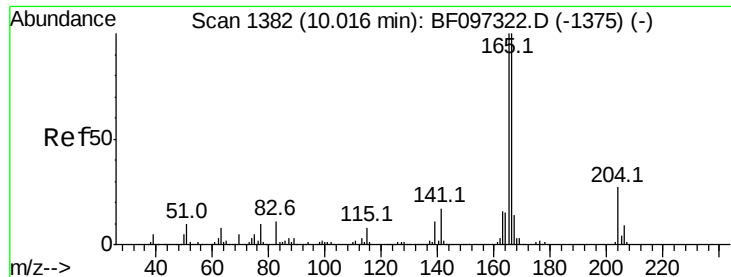
Tot Ion:139 Resp: 349272
Ion Ratio Lower Upper
139 100
109 3.7 34.1 74.1#
65 7.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.366 ng
RT: 9.66 min Scan# 1338
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:165 Resp: 144853
Ion Ratio Lower Upper
165 100
63 55.7 25.4 38.0#
89 69.7 46.4 69.6#
182 2.0 1.8 2.6

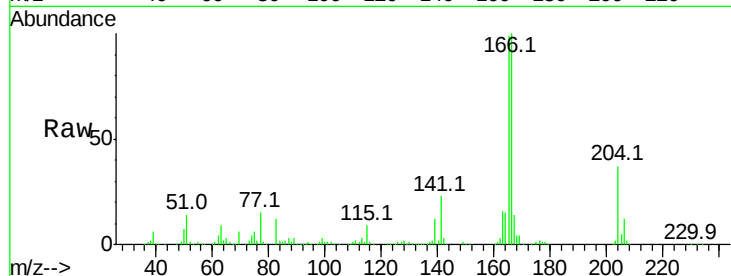




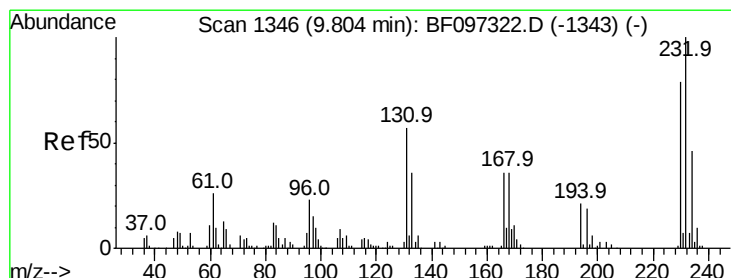
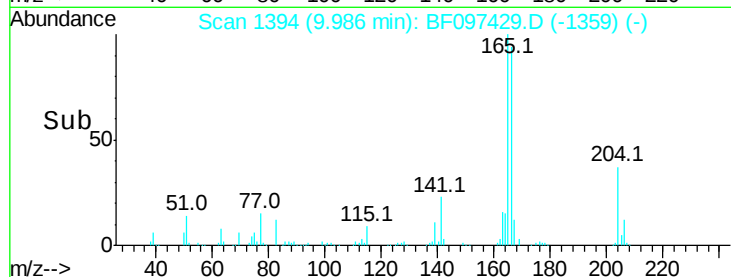
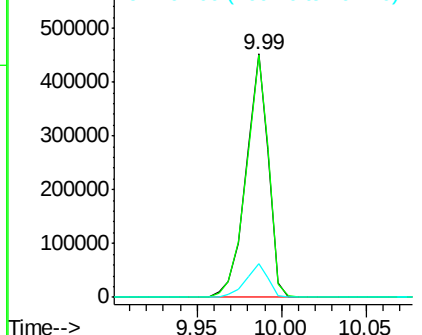
#57
 Fluorene
 Concen: 45.253 ng
 RT: 9.99 min Scan# 1394
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:166 Resp: 416439
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.8 10.6 16.0

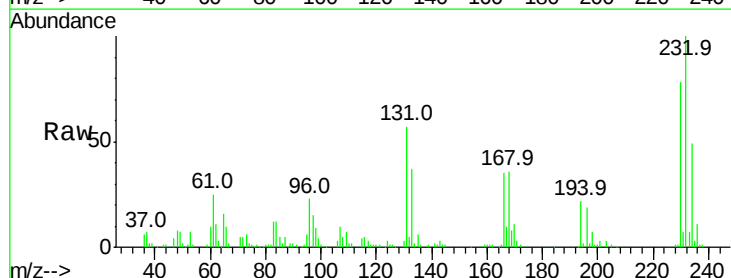


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

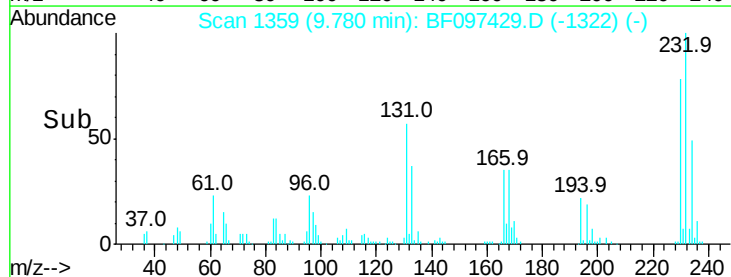
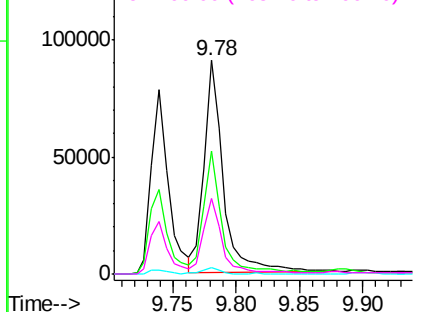


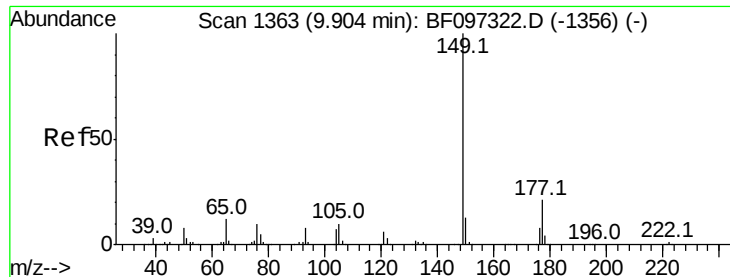
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.120 ng
 RT: 9.78 min Scan# 1359
 Delta R.T. -0.08 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:232 Resp: 97530
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.6 2.3 3.5
 166 32.3 29.0 43.4



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

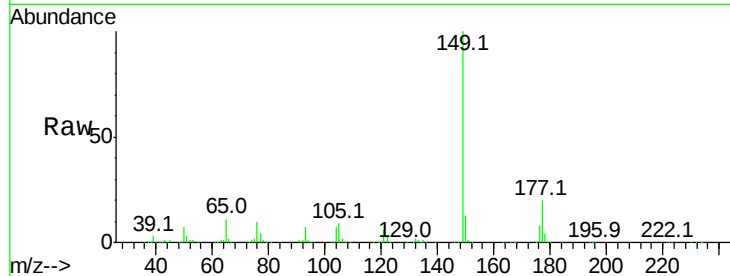




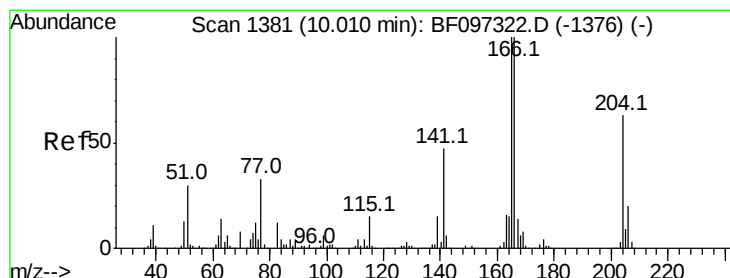
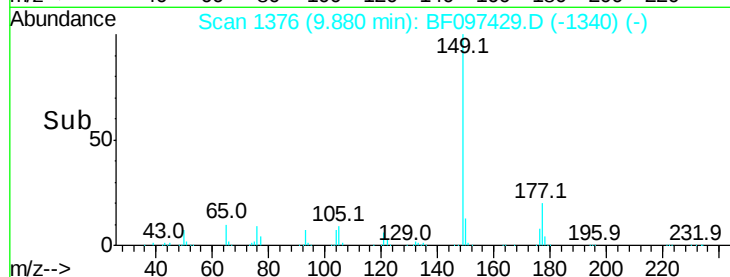
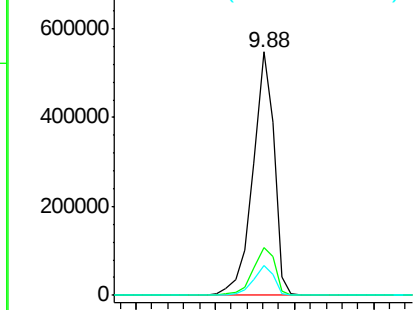
#59
Diethylphthalate
Concen: 45.047 ng
RT: 9.88 min Scan# 1376
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.7	25.1
150	12.5	10.2	15.2

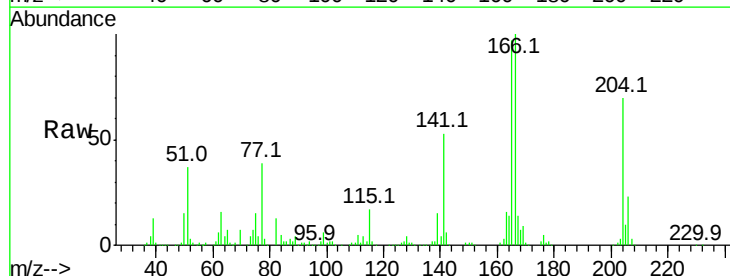


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

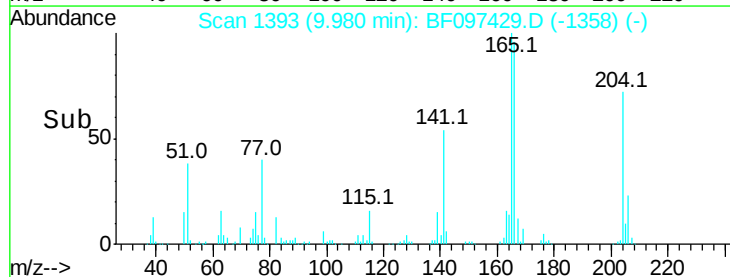
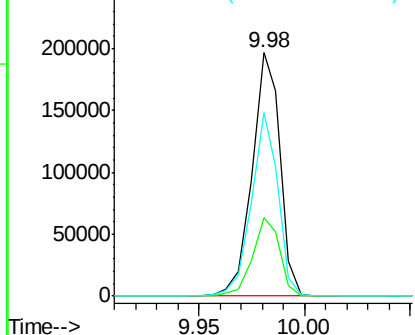


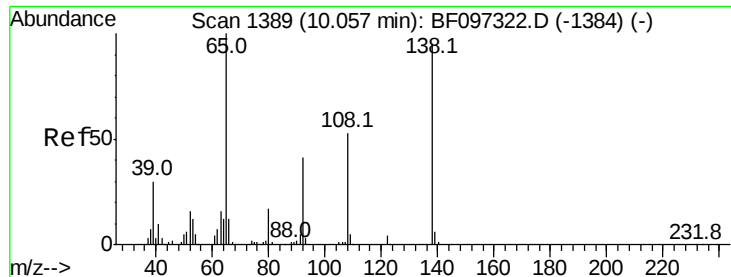
#60
4-Chlorophenyl-phenylether
Concen: 47.546 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	75.4	60.8	91.2



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





#61

4-Nitroaniline

Concen: 36.799 ng

RT: 10.03 min Scan# 1402

Delta R.T. -0.08 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

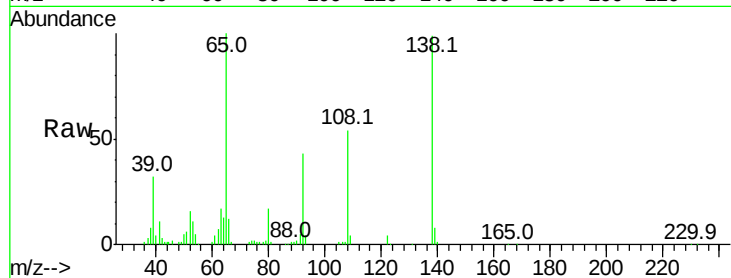
Tot Ion:138 Resp: 113069

Ion Ratio Lower Upper

138 100

92 43.7 21.8 61.8

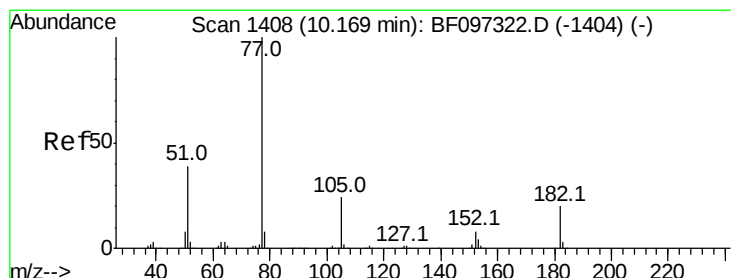
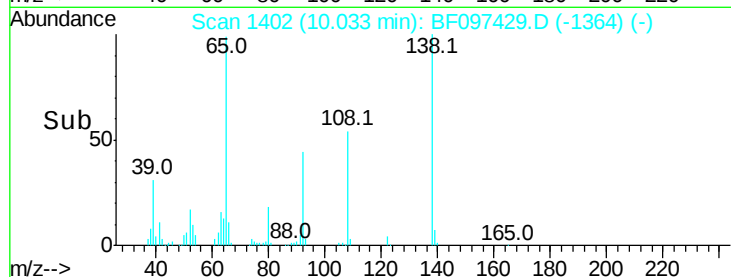
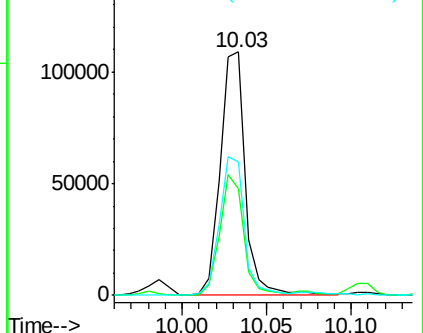
108 54.7 42.3 82.3



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: 48.944 ng

RT: 10.15 min Scan# 1421

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion: 77 Resp: 511677

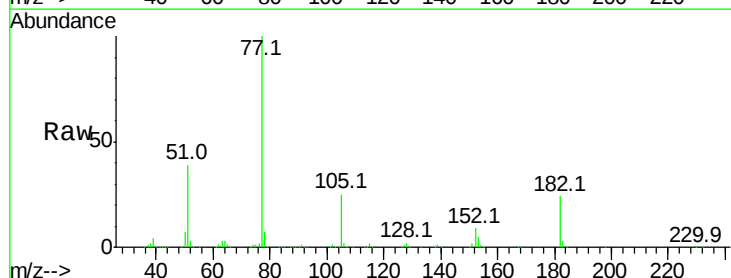
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 24.8 3.6 43.6

51 38.7 9.4 49.4

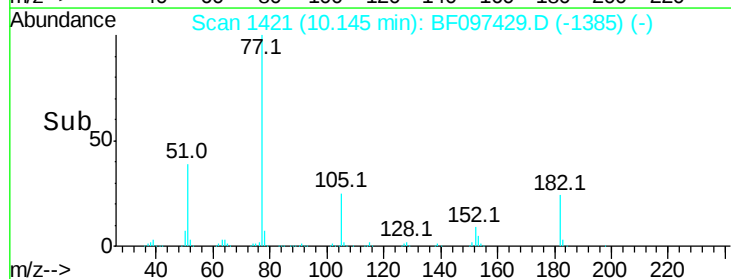
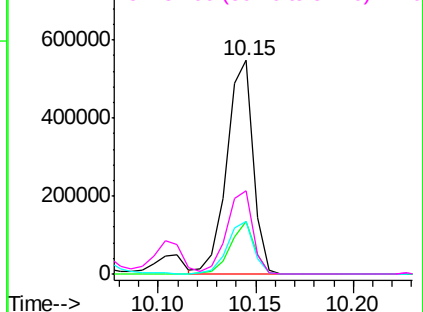


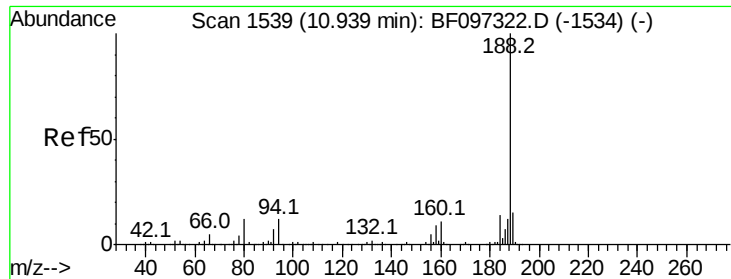
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

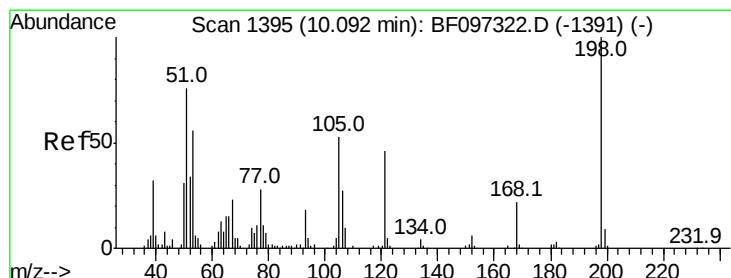
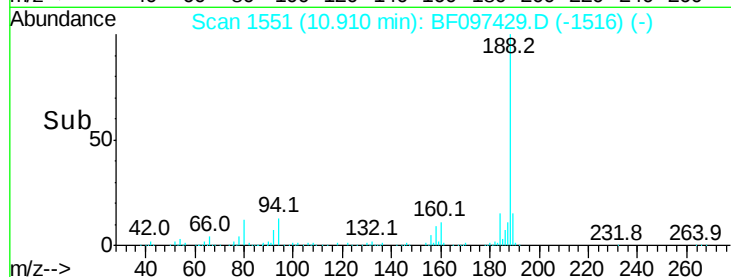
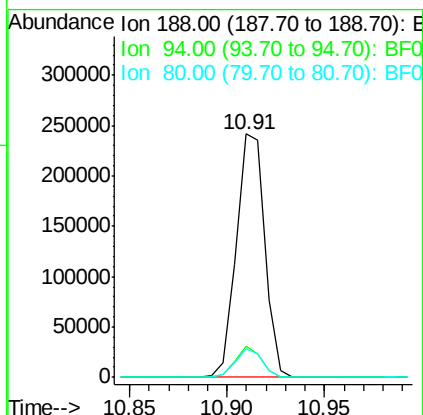
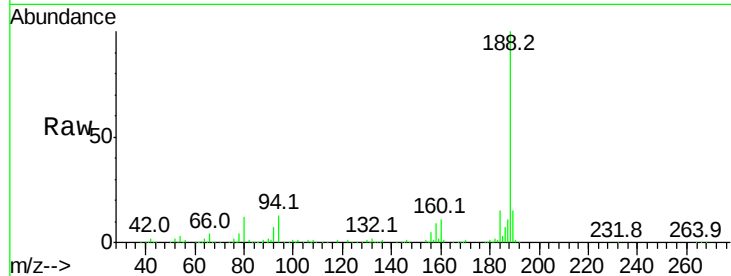




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

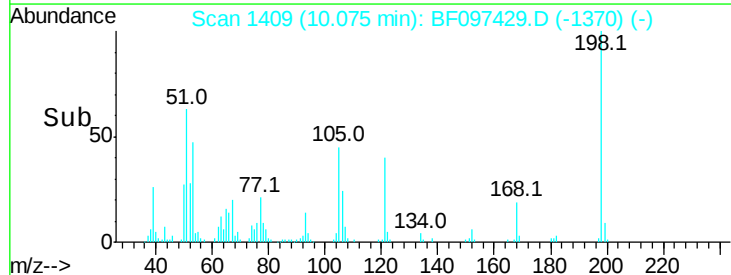
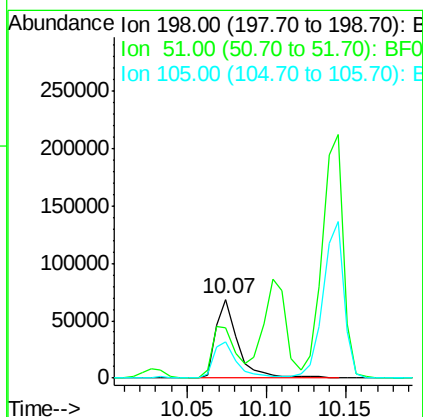
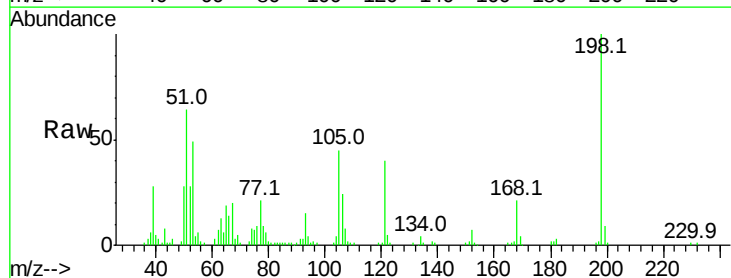
Instrument :
BNA_F
ClientSampleId :
PB101306BS

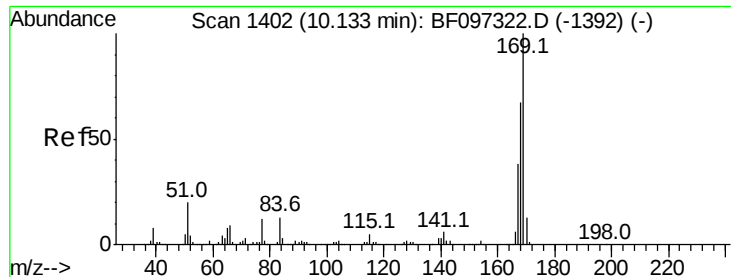
Tot Ion:188 Resp: 244231
Ion Ratio Lower Upper
188 100
94 12.8 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.085 ng
RT: 10.07 min Scan# 1409
Delta R.T. -0.07 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:198 Resp: 66905
Ion Ratio Lower Upper
198 100
51 63.8 53.2 93.2
105 45.4 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 49.245 ng

RT: 10.11 min Scan# 1415

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

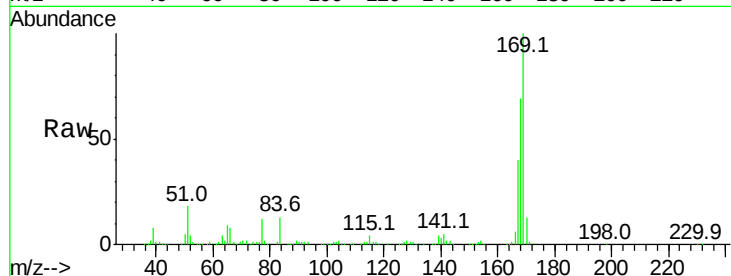
Tot Ion:169 Resp: 418473

Ion Ratio Lower Upper

169 100

168 69.5 53.2 79.8

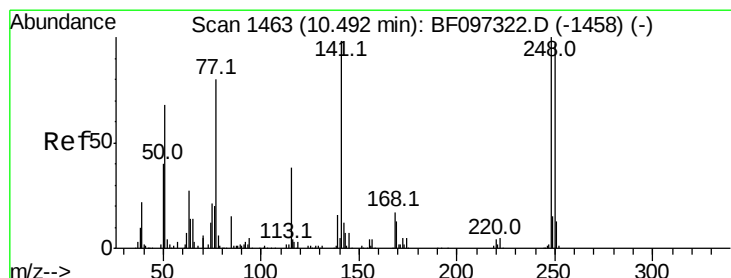
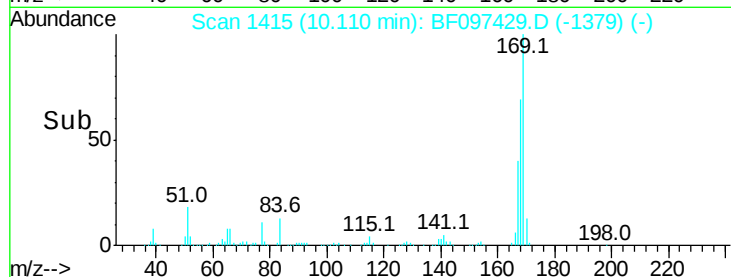
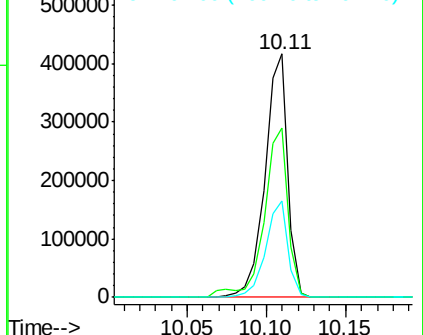
167 39.7 29.5 44.3



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: 45.873 ng

RT: 10.47 min Scan# 1476

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

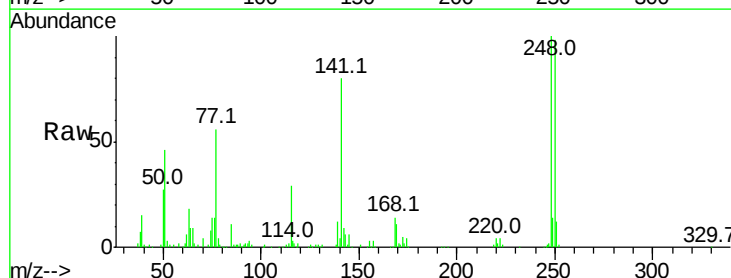
Tgt Ion:248 Resp: 111808

Ion Ratio Lower Upper

248 100

250 97.8 76.8 115.2

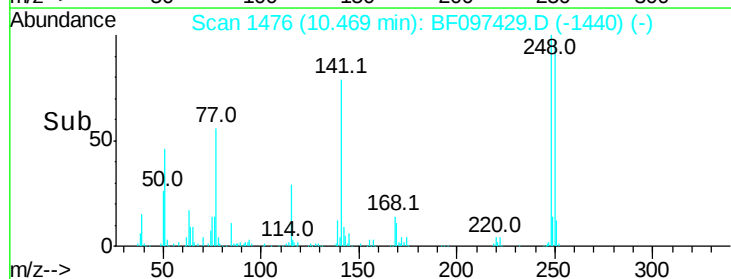
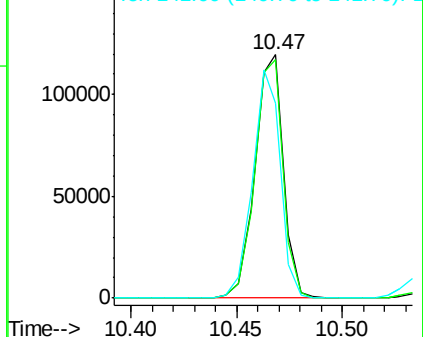
141 80.1 68.6 103.0

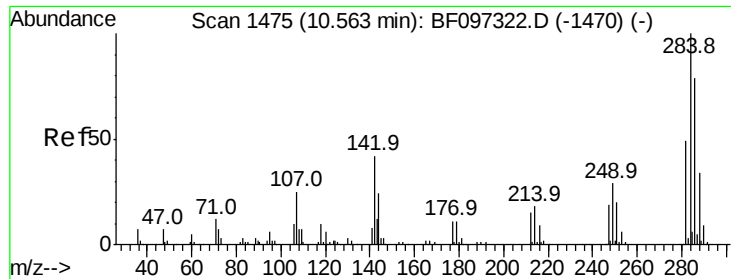


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

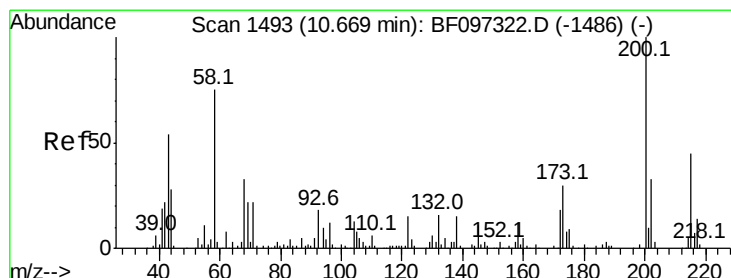
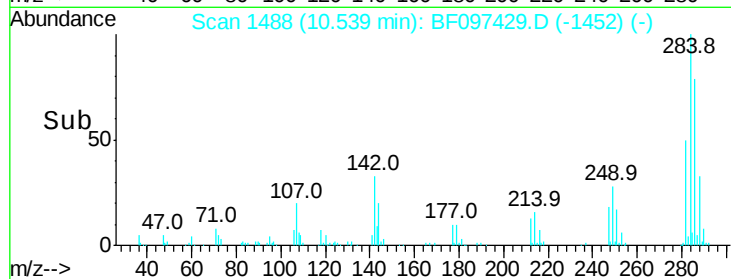
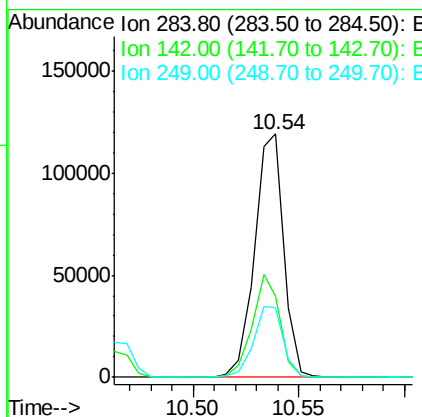
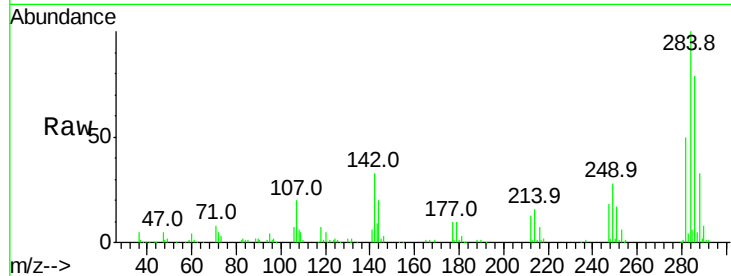




#67
Hexachlorobenzene
Concen: 41.903 ng
RT: 10.54 min Scan# 1488
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

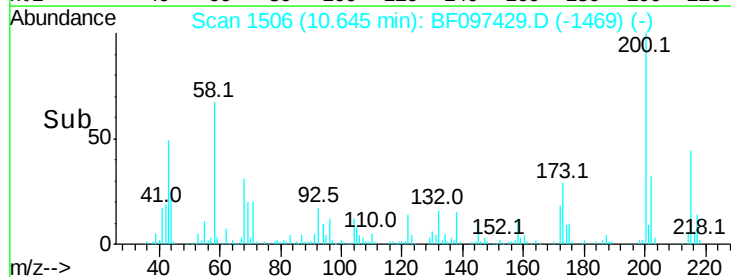
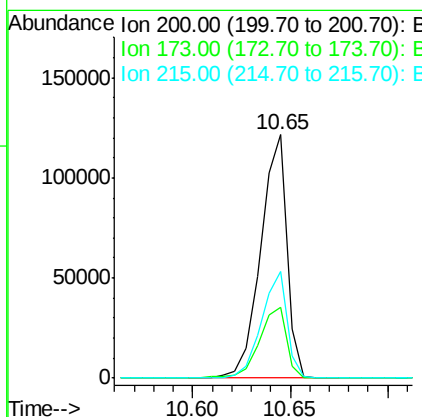
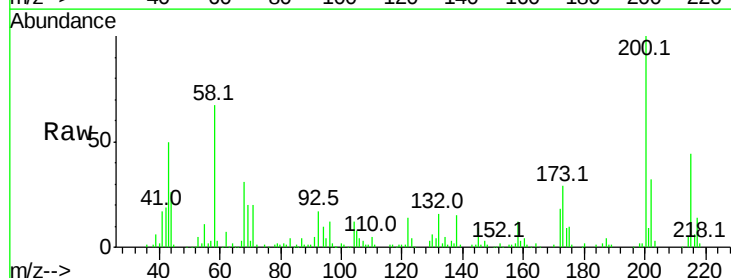
Instrument :
BNA_F
ClientSampleId :
PB101306BS

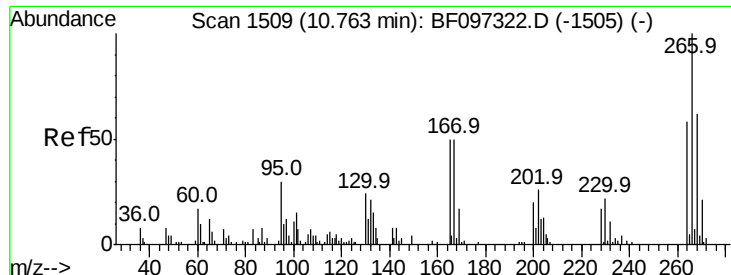
Tot Ion:284 Resp: 114530
Ion Ratio Lower Upper
284 100
142 33.1 22.8 34.2
249 28.4 24.0 36.0



#68
Atrazine
Concen: 46.465 ng
RT: 10.65 min Scan# 1506
Delta R.T. -0.08 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:200 Resp: 113225
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 43.6 27.2 67.2

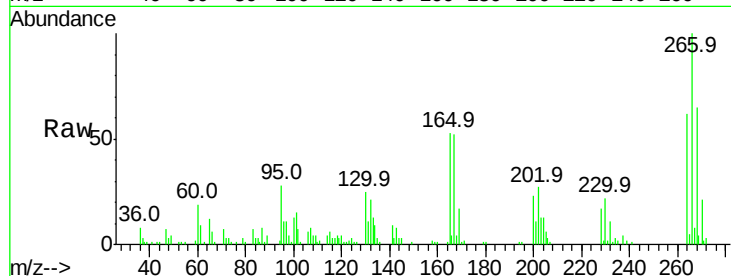




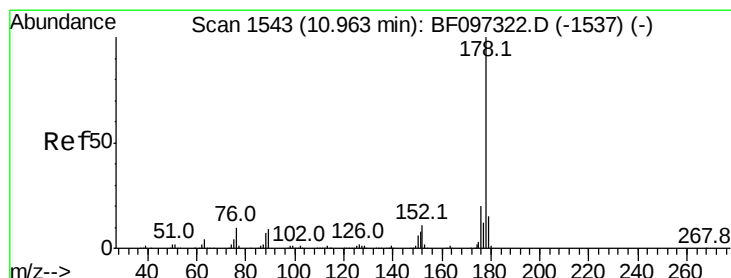
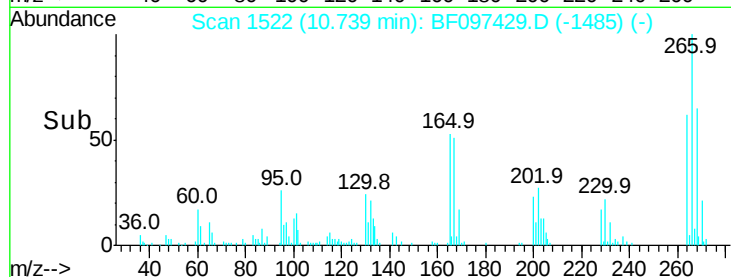
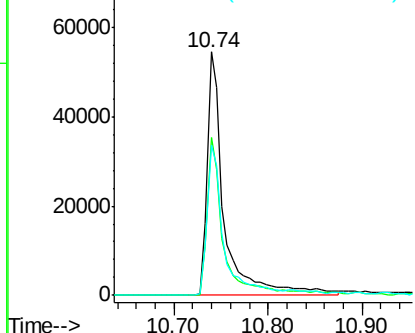
#69
 Pentachlorophenol
 Concen: 61.547 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.08 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:266 Resp: 69603
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 61.7 51.7 77.5

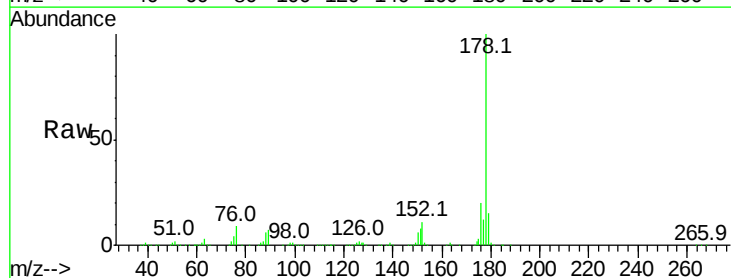


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

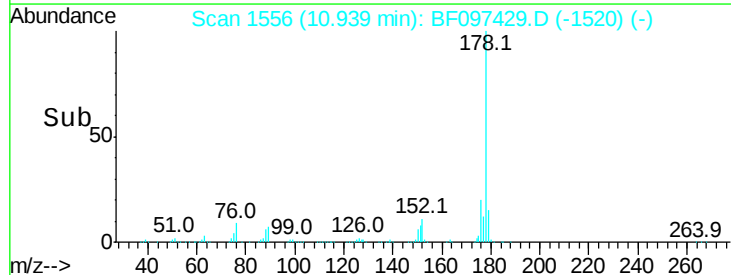
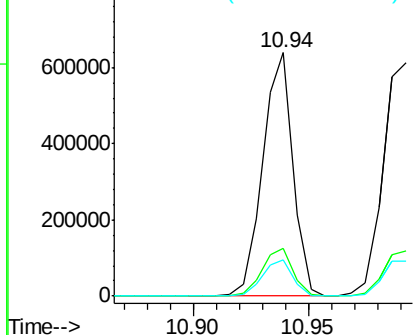


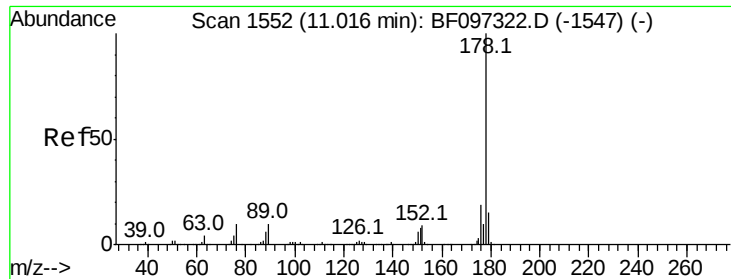
#70
 Phenanthrene
 Concen: 44.538 ng
 RT: 10.94 min Scan# 1556
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:178 Resp: 582825
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 14.9 12.6 19.0



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

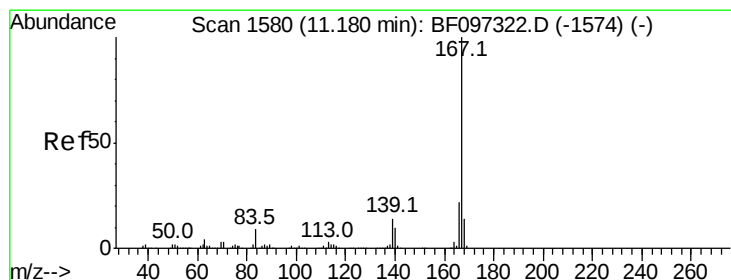
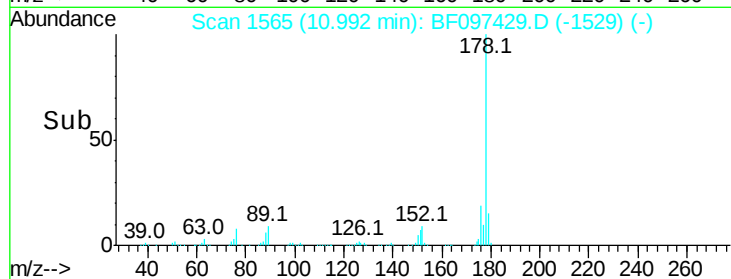
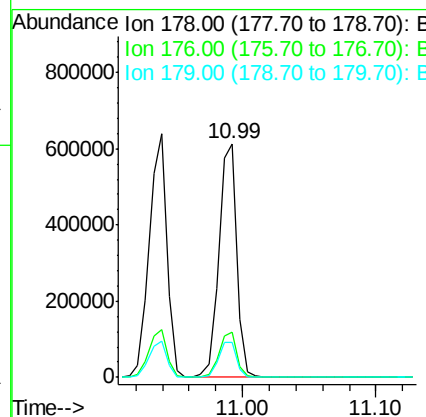
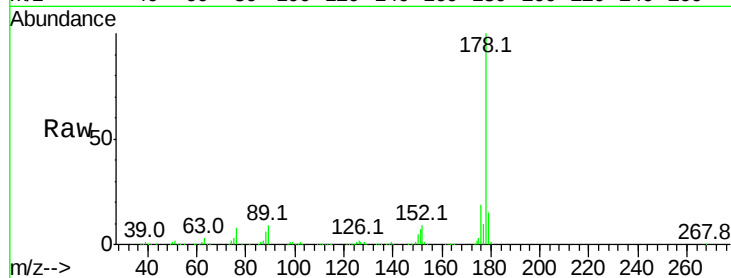




#71
 Anthracene
 Concen: 43.216 ng
 RT: 10.99 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

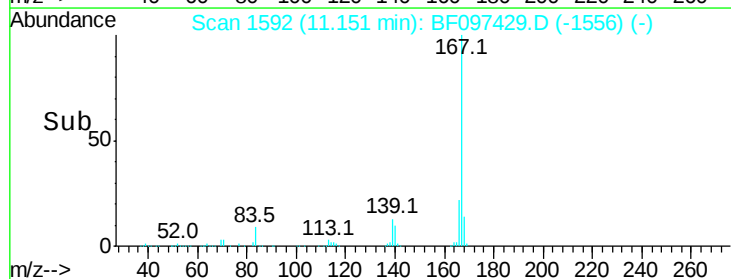
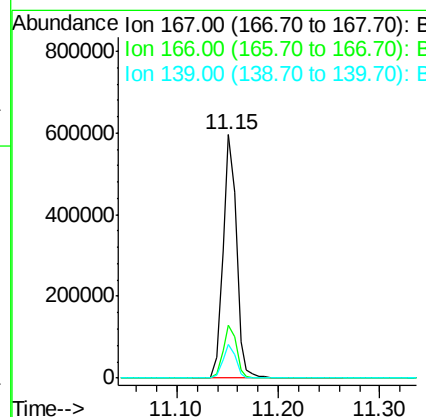
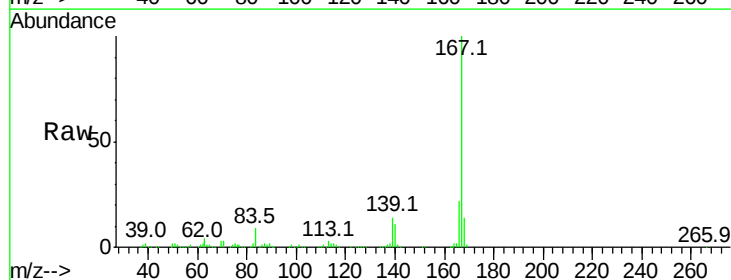
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

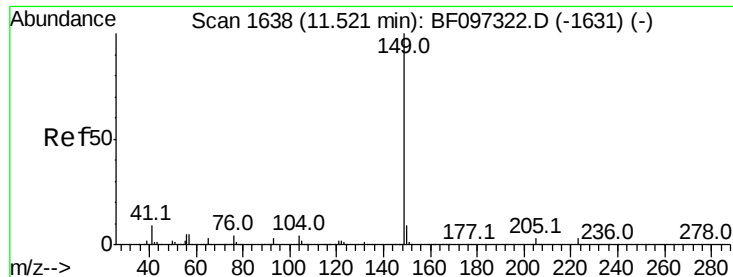
Tot Ion:178 Resp: 579221
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 41.674 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:167 Resp: 549327
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.8 11.7 17.5

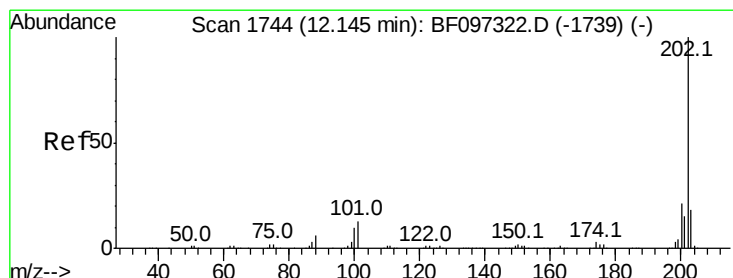
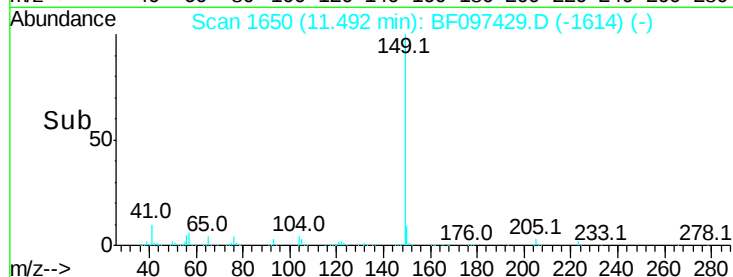
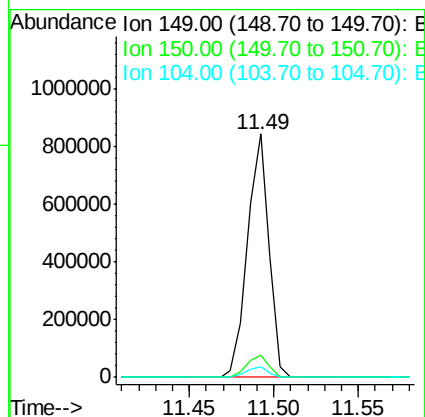
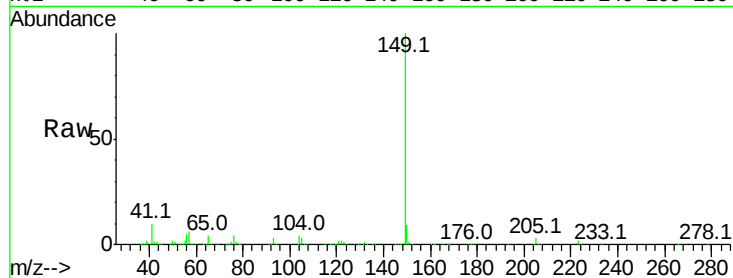




#73
Di-n-butylphthalate
Concen: 46.012 ng
RT: 11.49 min Scan# 1650
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

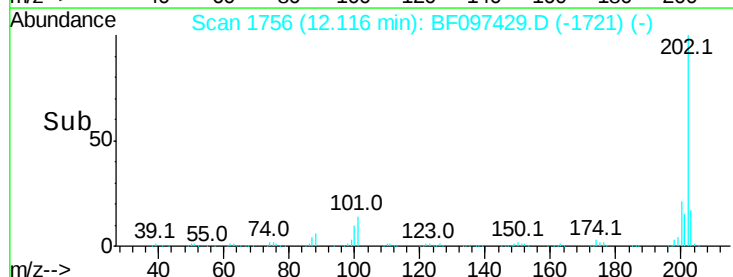
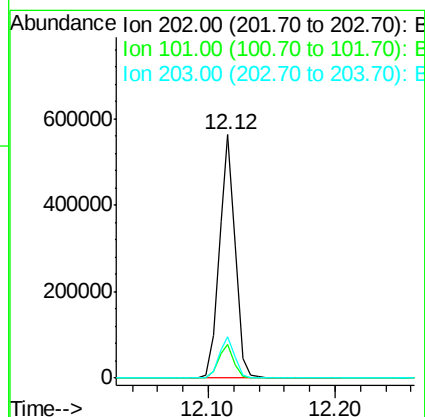
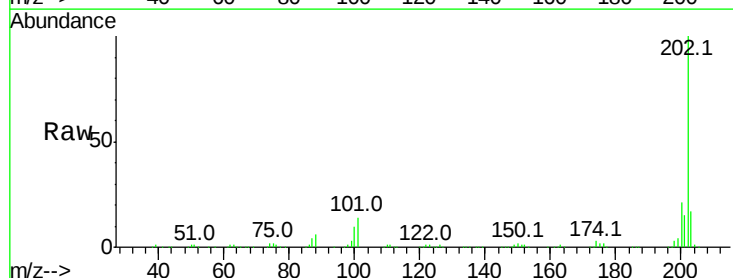
Instrument :
BNA_F
ClientSampleId :
PB101306BS

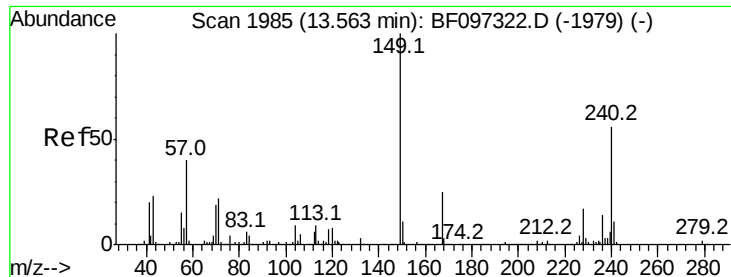
Tot Ion:149 Resp: 749713
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 38.615 ng
RT: 12.12 min Scan# 1756
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:202 Resp: 495035
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

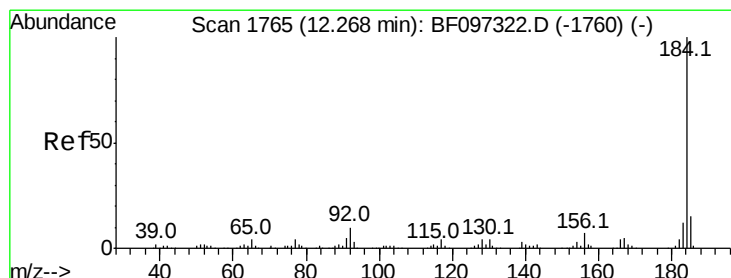
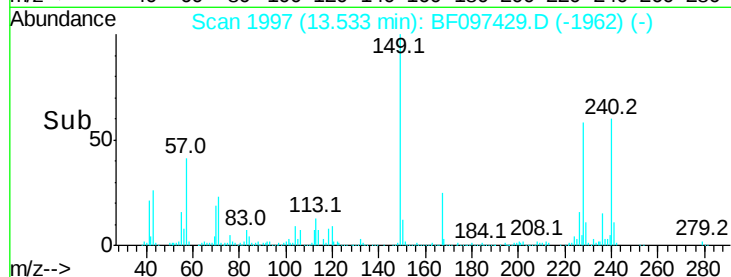
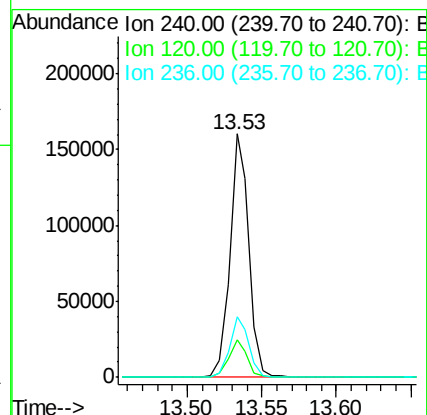
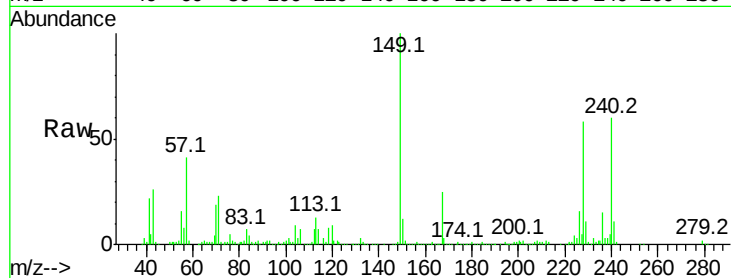
Tot Ion:240 Resp: 143262

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

236 25.0 20.5 30.7



#76

Benzidine

Concen: 21.258 ng

RT: 12.24 min Scan# 1778

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

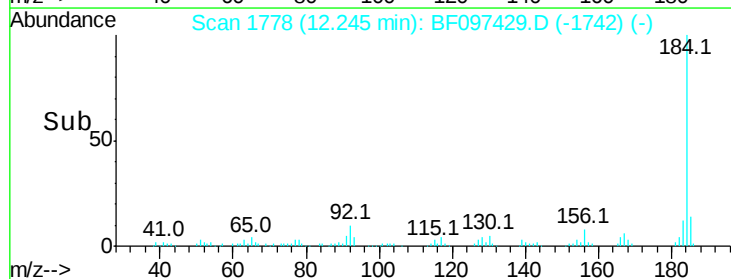
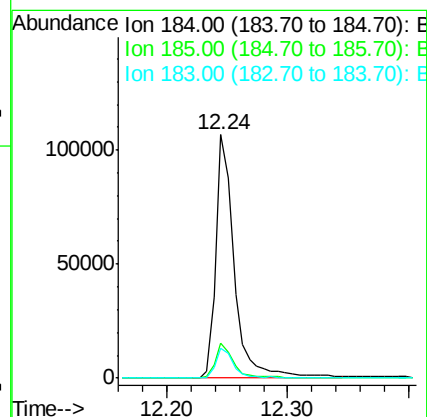
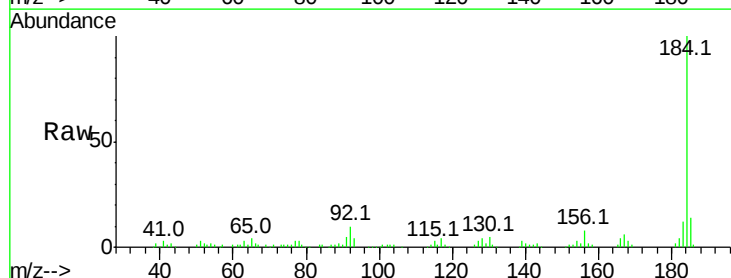
Tgt Ion:184 Resp: 113003

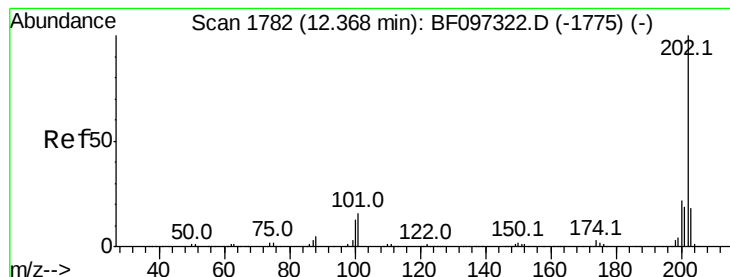
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 12.2 9.8 14.6





#77

Pvrene

Concen: 40.912 ng

RT: 12.34 min Scan# 1794

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

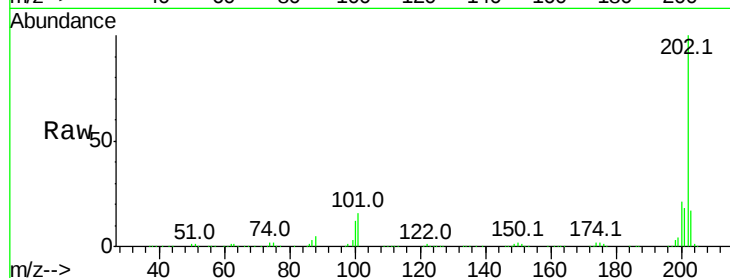
Tot Ion:202 Resp: 479835

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

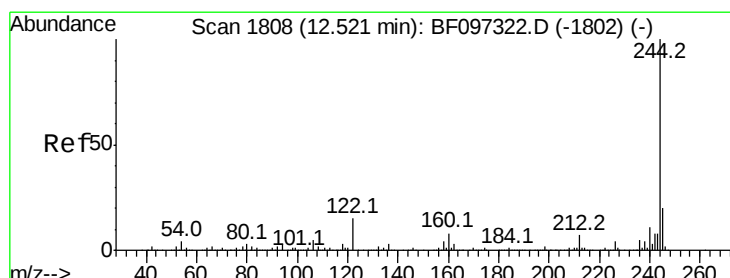
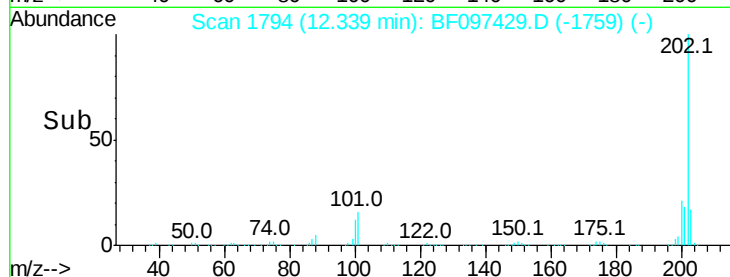
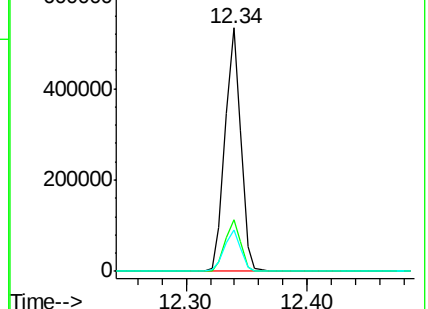
203 16.9 14.4 21.6



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: 77.298 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

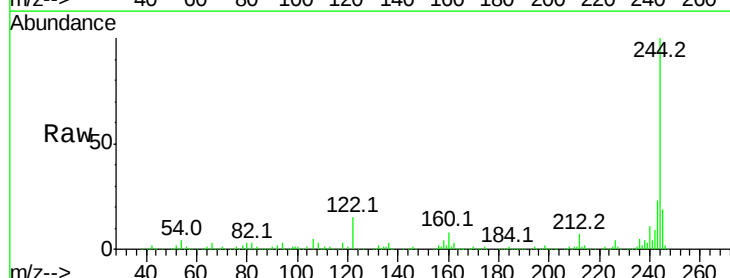
Tgt Ion:244 Resp: 543144

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

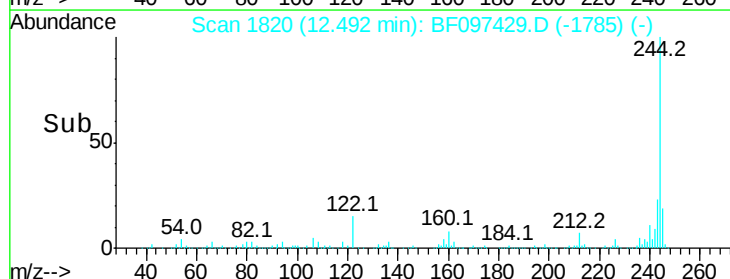
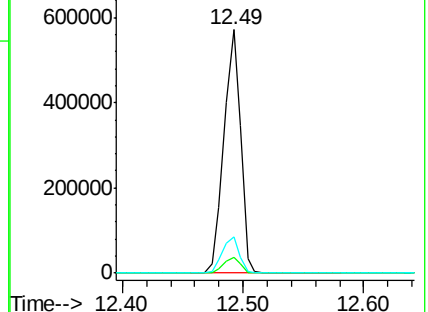
122 15.0 10.3 15.5

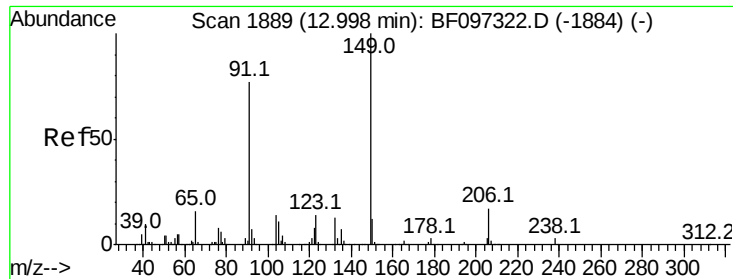


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

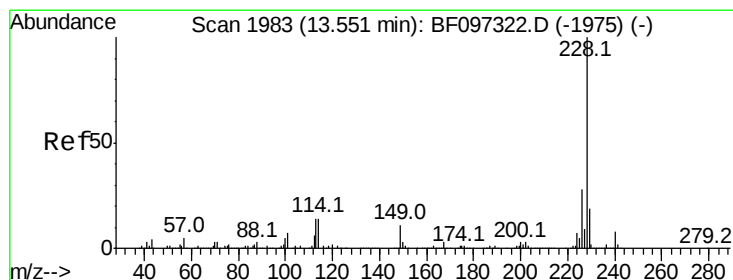
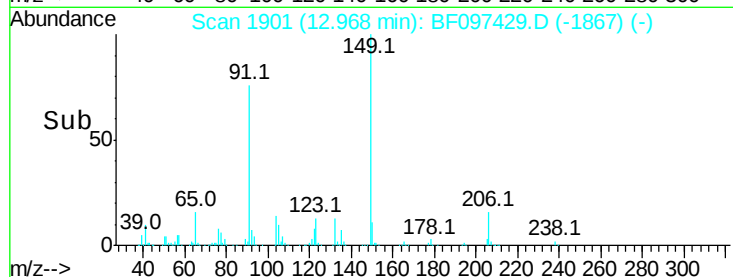
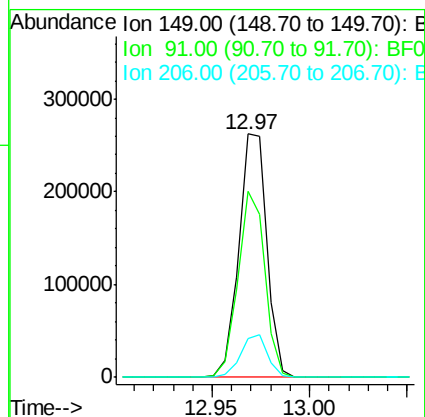
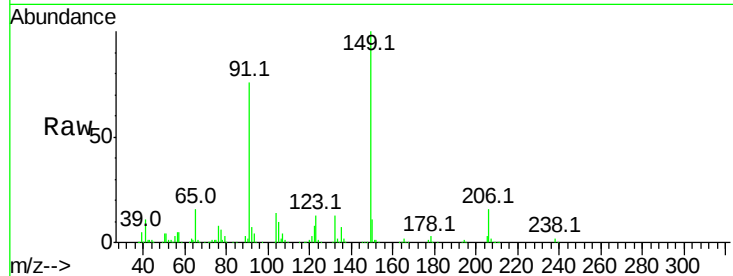




#79
Butylbenzylphthalate
Concen: 43.770 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.10 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

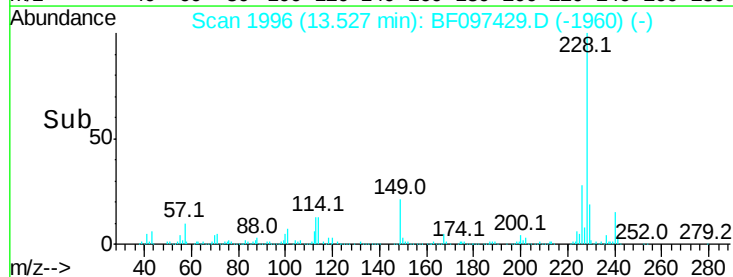
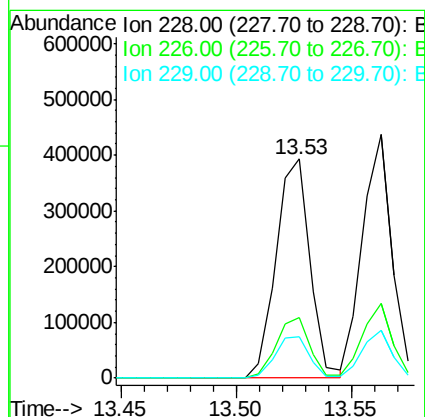
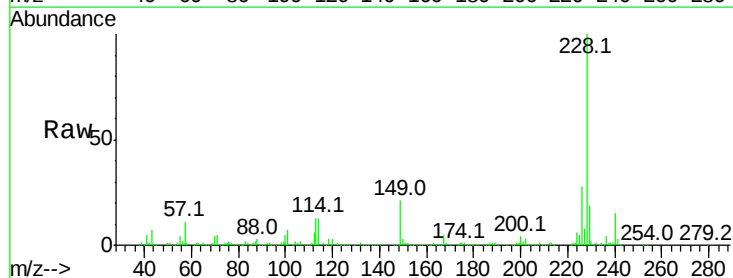
Instrument :
BNA_F
ClientSampleId :
PB101306BS

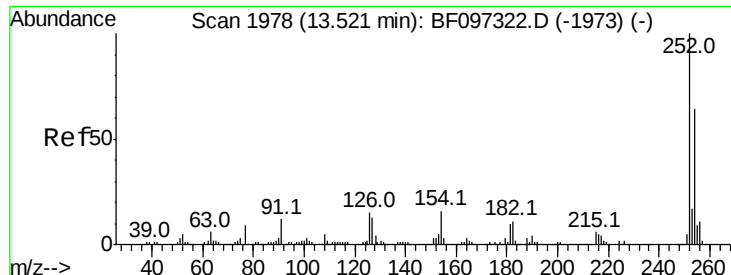
Tot Ion:149 Resp: 261126
Ion Ratio Lower Upper
149 100
91 76.2 45.0 67.4#
206 15.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 42.999 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:228 Resp: 398586
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 18.9 16.3 24.5

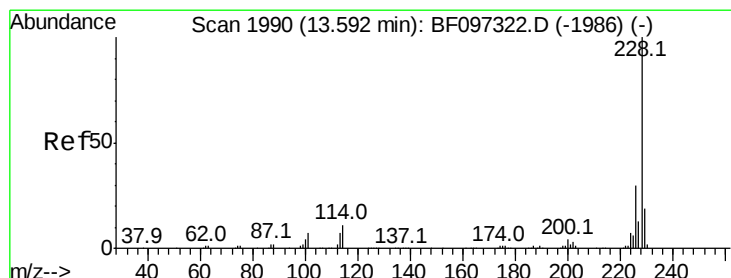
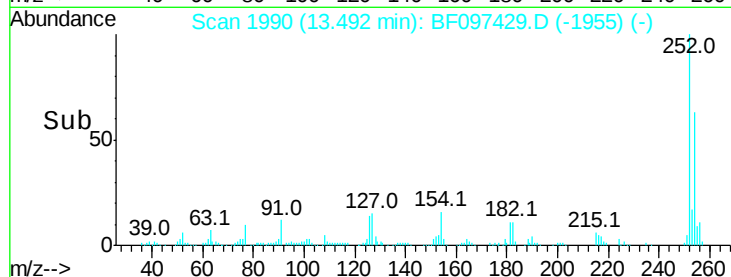
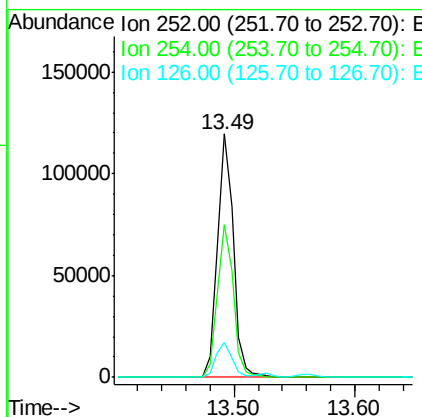
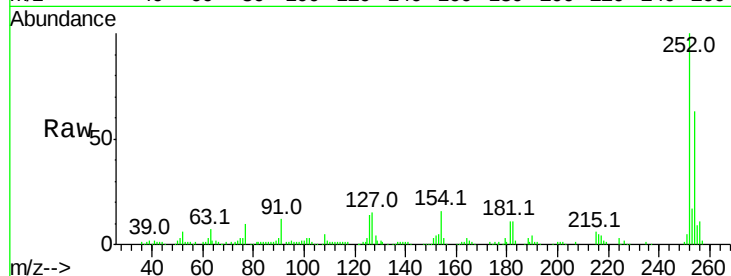




#81
 3,3'-Dichlorobenzidine
 Concen: 30.687 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

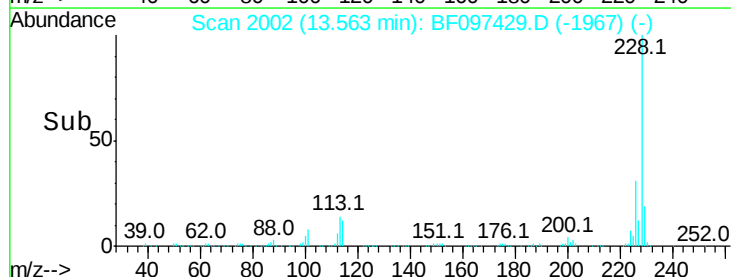
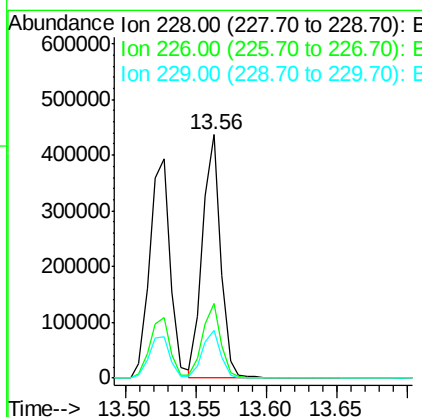
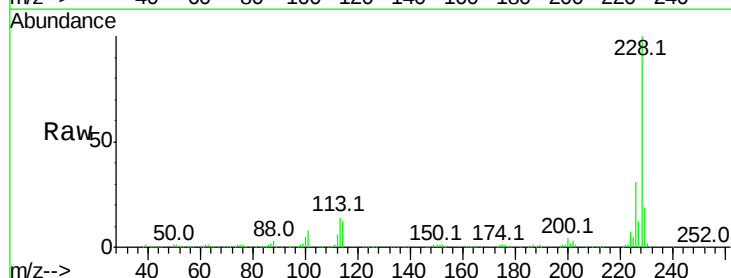
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

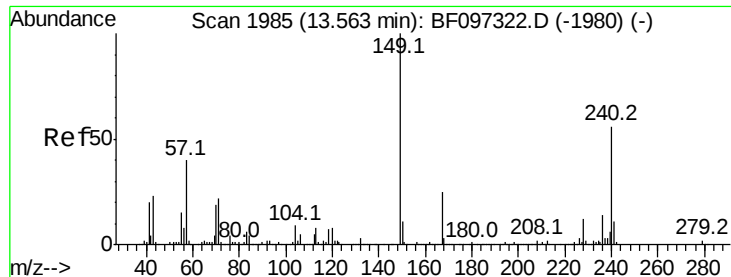
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	14.3	15.8	23.8#



#82
 Chrysene
 Concen: 43.150 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. -0.09 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.203 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

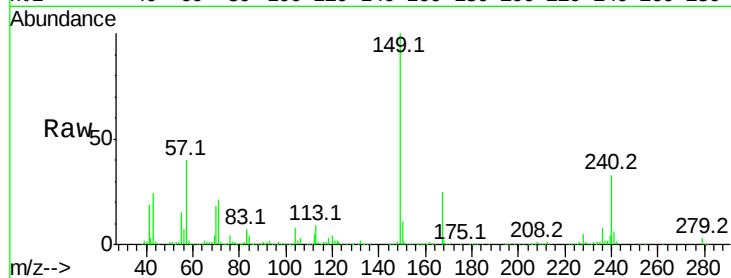
Tot Ion:149 Resp: 352103

Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.4

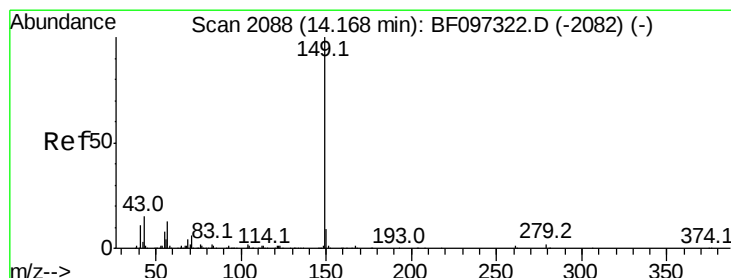
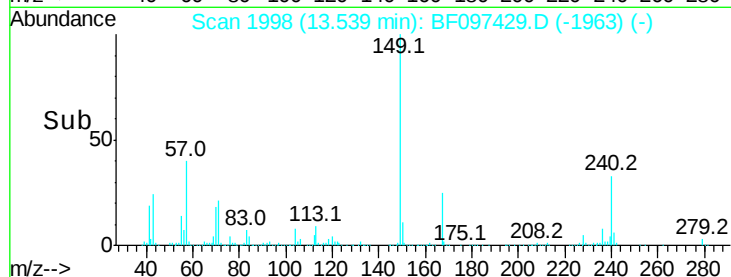
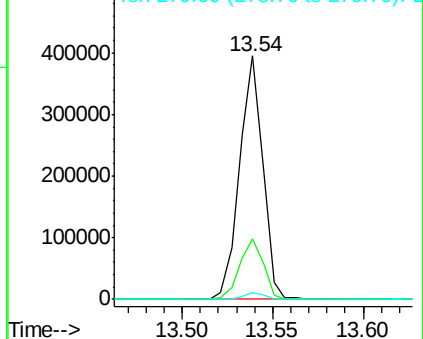
279 2.7 1.9 2.9



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: 42.029 ng

RT: 14.14 min Scan# 2101

Delta R.T. -0.09 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

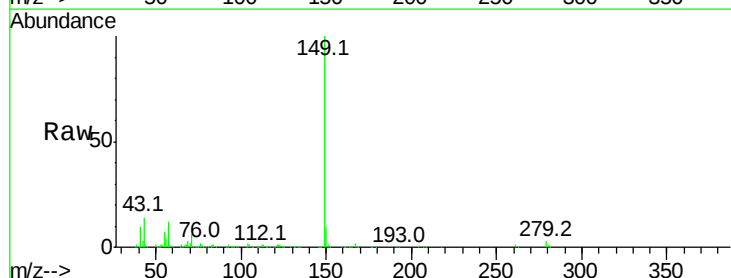
Tgt Ion:149 Resp: 600784

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

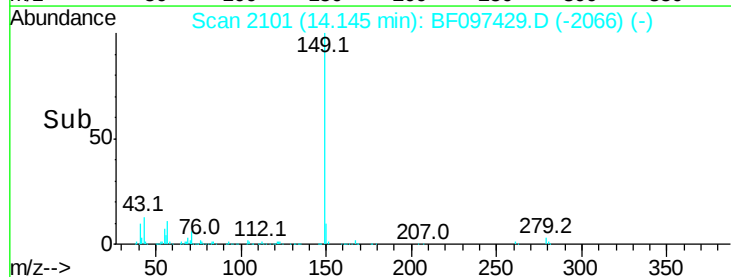
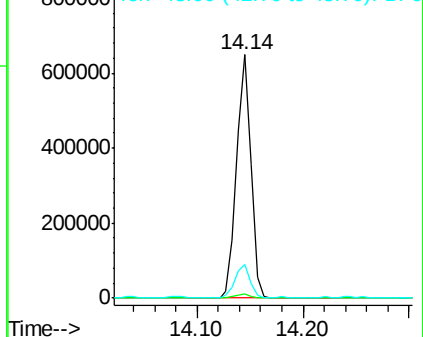
43 13.7 8.5 12.7#

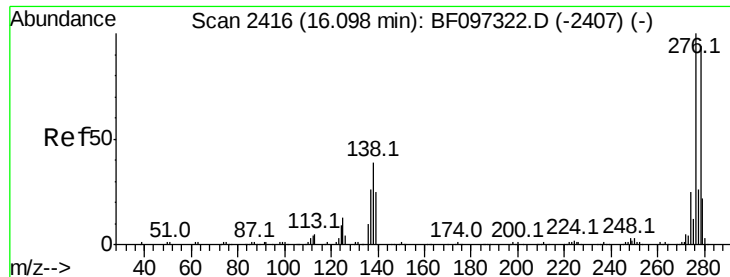


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

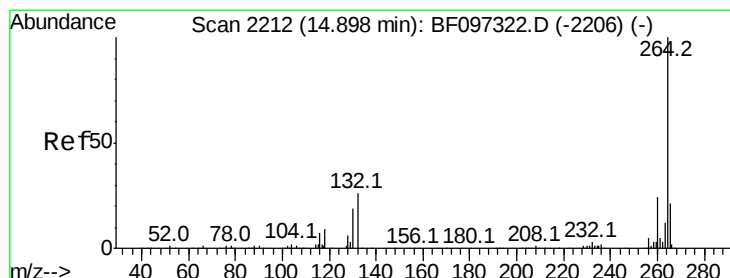
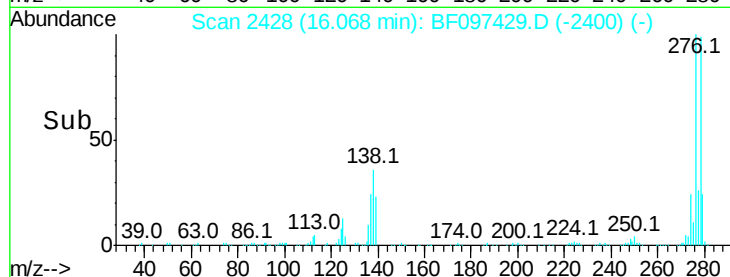
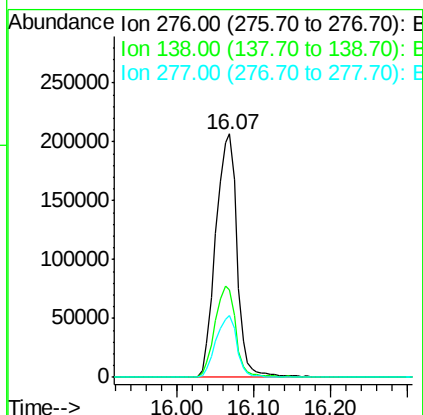
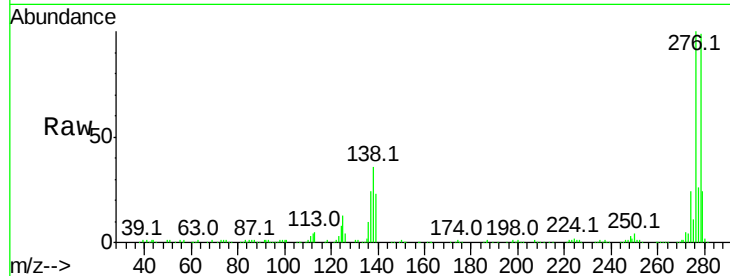




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.989 ng
 RT: 16.07 min Scan# 2428
 Delta R.T. -0.14 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

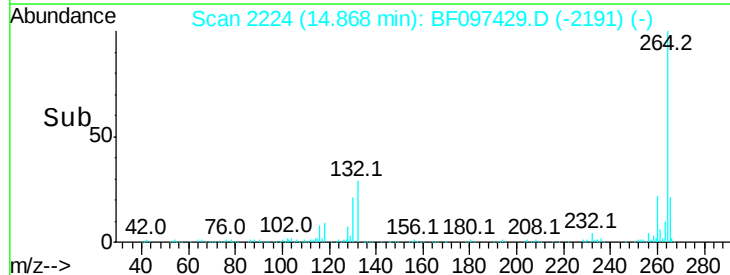
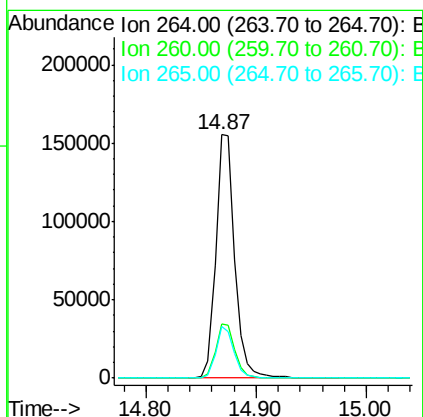
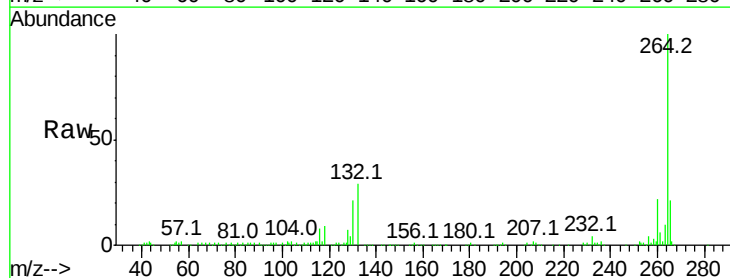
Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

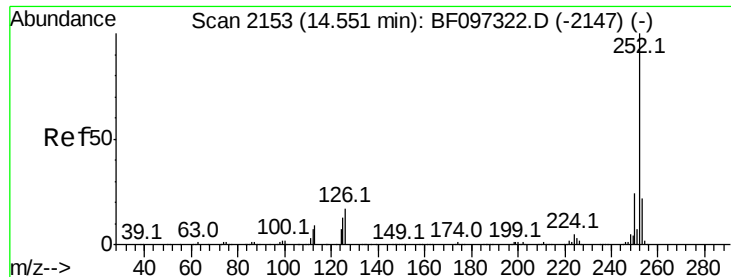
Tot Ion:276 Resp: 395752
 Ion Ratio Lower Upper
 276 100
 138 36.8 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. -0.11 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:264 Resp: 183025
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.2 17.2 25.8

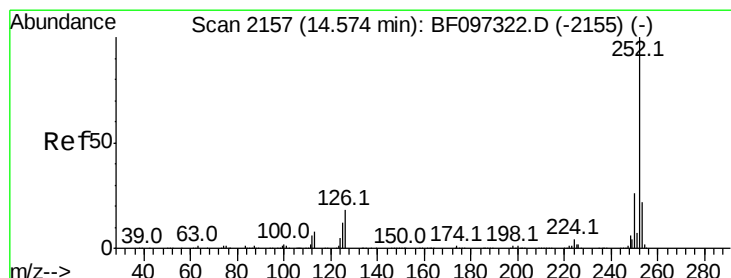
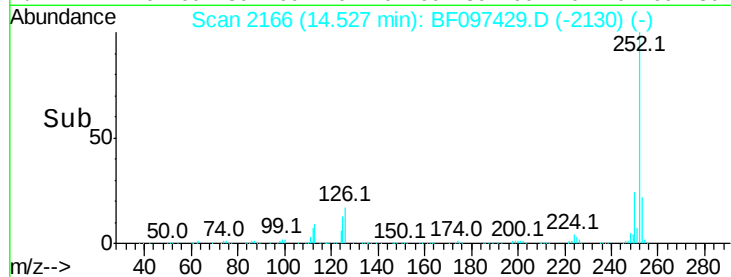
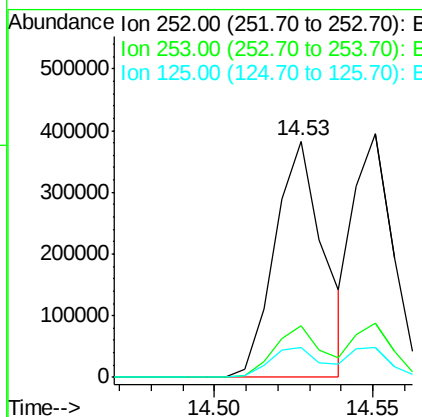
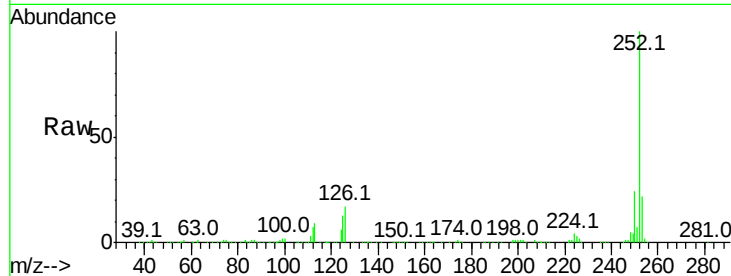




#87
Benzo(b)fluoranthene
Concen: 37.268 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

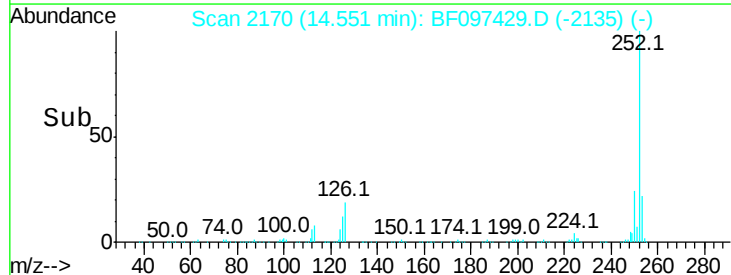
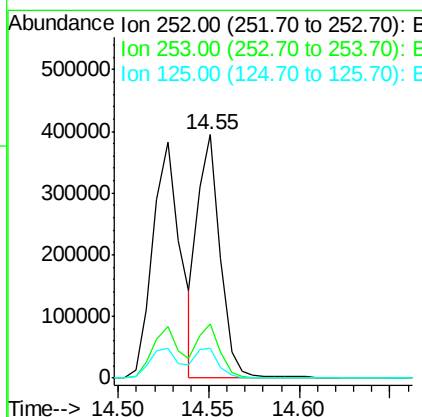
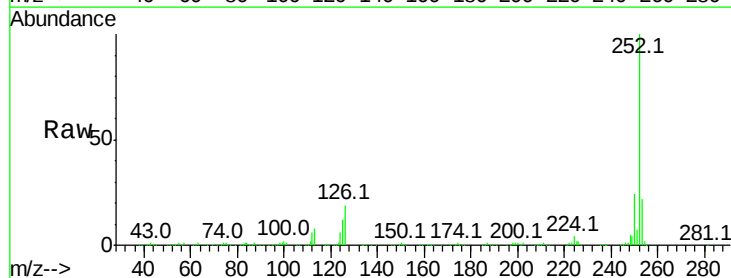
Instrument :
BNA_F
ClientSampleId :
PB101306BS

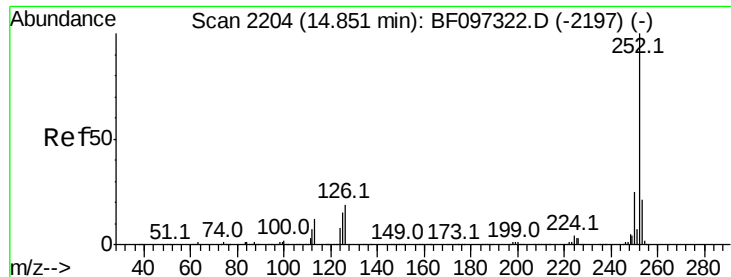
Tot Ion:252 Resp: 410022
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 32.529 ng
RT: 14.55 min Scan# 2170
Delta R.T. -0.09 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:252 Resp: 341031
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 12.2 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.540 ng

RT: 14.82 min Scan# 2216

Delta R.T. -0.10 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

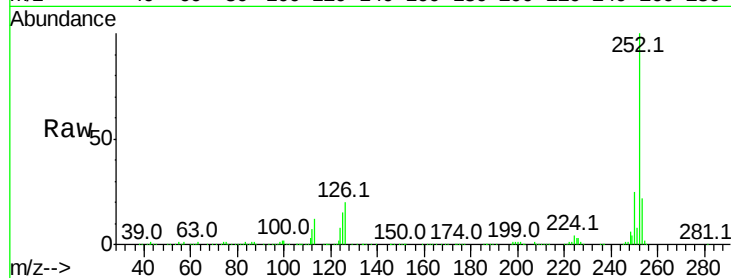
BNA_F

ClientSampleId :

PB101306BS

Tot Ion:252 Resp: 398145

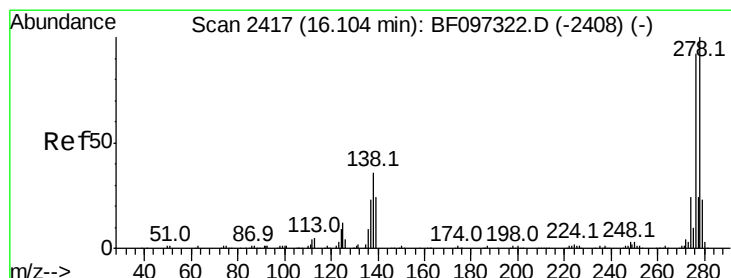
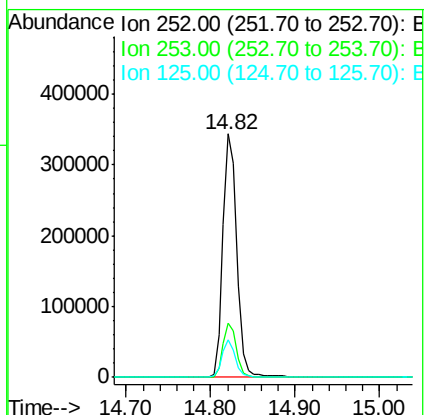
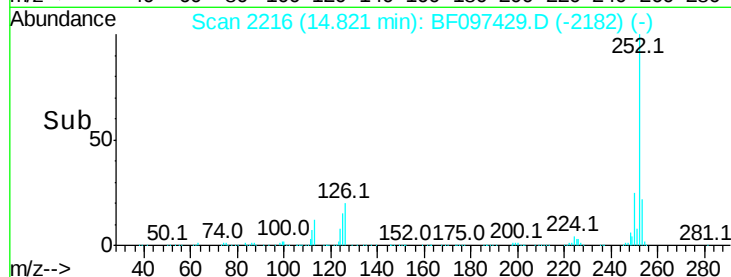
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.2	11.0	16.4



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: 40.591 ng

RT: 16.07 min Scan# 2428

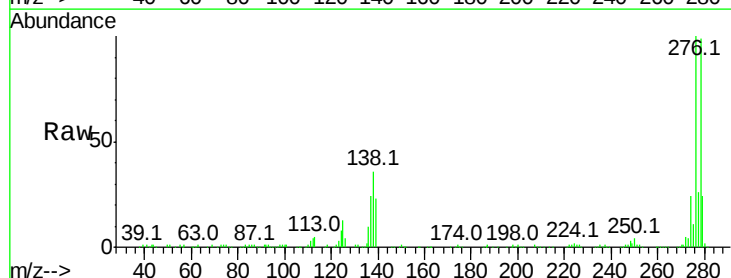
Delta R.T. -0.15 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:278 Resp: 335175

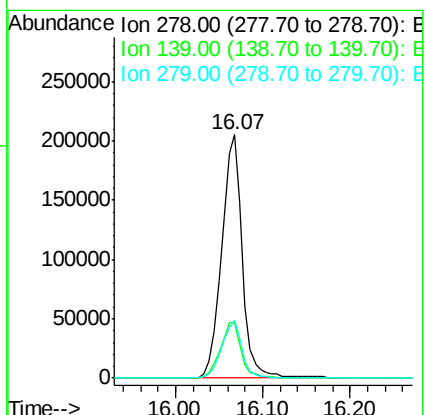
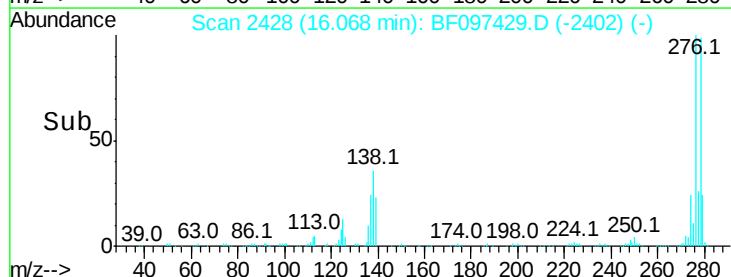
Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	23.7	19.3	28.9

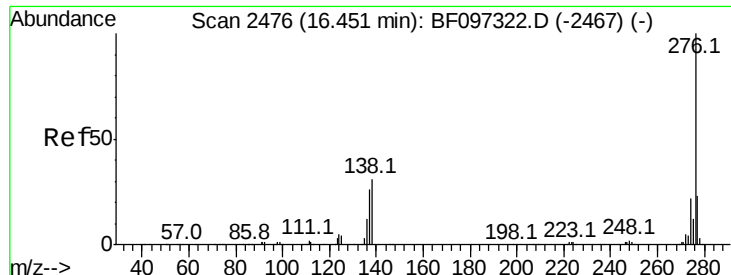


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.562 ng

RT: 16.42 min Scan# 2487

Delta R.T. -0.15 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

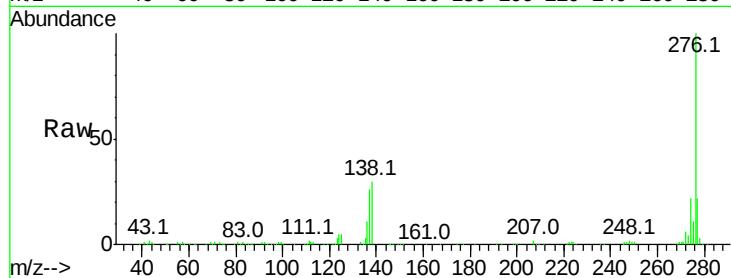
Tot Ion:276 Resp: 359896

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 29.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

