

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097426.D
 Acq On : 7 Aug 2017 13:36
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 07 15:39:40 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	336502	20.00	ng	0.07
21) Naphthalene-d8	7.70	136	520280	20.00	ng	-0.09
38) Acenaphthene-d10	9.44	164	200016	20.00	ng	-0.09
63) Phenanthrene-d10	10.92	188	346690	20.00	ng	-0.09
75) Chrysene-d12	13.54	240	202552	20.00	ng	-0.09
86) Perylene-d12	14.87	264	177133	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.00	112	568836	25.48	ng	-0.09
7) Phenol-d6	6.09	99	694183	27.24	ng	-0.08
23) Nitrobenzene-d5	6.99	82	699567	78.88	ng	-0.08
41) 2,4,6-Tribromophenol	10.23	330	134948	85.39	ng	-0.09
44) 2-Fluorobiphenyl	8.77	172	1046280	88.77	ng	-0.09
78) Terphenyl-d14	12.50	244	842062	84.76	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	131085	14.072	ng	# 75
3) Pyridine	2.49	79	357314	12.527	ng	# 61
4) n-Nitrosodimethylamine	2.46	42	196419	12.430	ng	79
6) Aniline	6.07	93	457582	14.269	ng	94
8) 2-Chlorophenol	6.20	128	328838	13.777	ng	93
9) Benzaldehyde	5.96	77	236245	15.662	ng	93
10) Phenol	6.10	94	418910	13.859	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	336465	14.074	ng	91
12) 1,3-Dichlorobenzene	6.58	146	282175	10.970	ng	96
13) 1,4-Dichlorobenzene	6.43	146	359853	14.117	ng	95
14) 1,2-Dichlorobenzene	6.58	146	282175	12.678	ng	99
15) Benzyl Alcohol	6.58	79	225487	13.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	591975	12.346	ng	56
17) 2-Methylphenol	6.86	107	330620	17.948	ng	# 73
18) Hexachloroethane	6.92	117	123724	13.267	ng	# 79
19) n-Nitroso-di-n-propylamine	6.99	70	94516	5.635	ng	# 87
20) 3+4-Methylphenols	6.86	107	330620	13.742	ng	# 61
22) Acetophenone	6.84	105	426302	34.120	ng	# 97
24) Nitrobenzene	7.01	77	378210	40.947	ng	94
25) Isophorone	7.25	82	704325	40.552	ng	99
26) 2-Nitrophenol	7.33	139	205337	41.090	ng	# 90
27) 2,4-Dimethylphenol	7.39	122	320126	38.834	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	471081	41.562	ng	99
29) 2,4-Dichlorophenol	7.58	162	294035	41.405	ng	97
30) 1,2,4-Trichlorobenzene	7.65	180	267853	39.571	ng	98
31) Naphthalene	7.72	128	981913	40.037	ng	100
32) Benzoic acid	7.57	122	231814	37.660	ng	97
33) 4-Chloroaniline	7.78	127	408776	40.962	ng	99
34) Hexachlorobutadiene	7.84	225	141992	39.568	ng	99
35) Caprolactam	8.17	113	42682	18.744	ng	# 50
36) 4-Chloro-3-methylphenol	8.29	107	285874	36.899	ng	89
37) 2-Methylnaphthalene	8.41	142	589041	37.933	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	233149	43.686	ng	99
40) Hexachlorocyclopentadiene	8.56	237	79610	45.734	ng	98

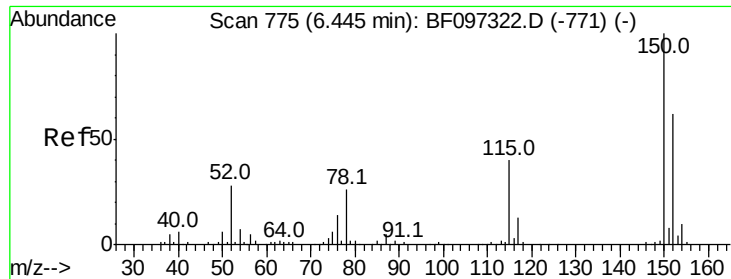
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097426.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	158366	40.948	nq	94
43) 2,4,5-Trichlorophenol	8.75	196	164312	42.446	nq	98
45) 1,1'-Biphenyl	8.87	154	701171	41.042	nq	98
46) 2-Chloronaphthalene	8.90	162	513883	40.875	nq	96
47) 2-Nitroaniline	9.00	65	199006	43.617	nq	97
48) Acenaphthylene	9.30	152	824151	42.709	nq	98
49) Dimethylphthalate	9.19	163	627962	41.344	nq	99
50) 2,6-Dinitrotoluene	9.25	165	133093	41.315	nq	# 76
51) Acenaphthene	9.47	154	464587	40.873	nq	99
52) 3-Nitroaniline	9.42	138	163496	40.888	nq	86
53) 2,4-Dinitrophenol	9.55	184	72770	49.681	nq	# 78
54) Dibenzofuran	9.65	168	637382	42.099	nq	95
55) 4-Nitrophenol	9.65	139	407111	171.205	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	170171	45.951	nq	# 88
57) Fluorene	9.99	166	517768	45.501	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	109774	41.070	nq	96
59) Diethylphthalate	9.89	149	603867	43.335	nq	99
60) 4-Chlorophenyl-phenylether	9.99	204	215818	45.929	nq	93
61) 4-Nitroaniline	10.03	138	163882	43.133	nq	93
62) Azobenzene	10.15	77	546493	42.275	nq	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	93278	43.298	nq	90
65) n-Nitrosodiphenylamine	10.11	169	480635	39.845	nq	98
66) 4-Bromophenyl-phenylether	10.47	248	144645	41.807	nq	97
67) Hexachlorobenzene	10.54	284	152868	39.400	nq	# 92
68) Atrazine	10.64	200	134540	38.895	nq	93
69) Pentachlorophenol	10.74	266	78921	49.162	nq	99
70) Phenanthrene	10.94	178	713606	38.416	nq	99
71) Anthracene	10.99	178	737898	38.784	nq	98
72) Carbazole	11.15	167	724193	38.704	nq	98
73) Di-n-butylphthalate	11.49	149	942244	40.738	nq	99
74) Fluoranthene	12.12	202	690060	37.920	nq	99
76) Benzidine	12.24	184	221475	29.468	nq	95
77) Pyrene	12.34	202	732601	44.180	nq	100
79) Butylbenzylphthalate	12.97	149	399701	47.386	nq	# 83
80) Benzo(a)anthracene	13.53	228	530239	40.458	nq	99
81) 3,3'-Dichlorobenzidine	13.50	252	209578	42.405	nq	# 96
82) Chrysene	13.56	228	545639	42.636	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	486863	44.207	nq	99
84) Di-n-octyl phthalate	14.14	149	837009	41.414	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	398379	36.303	nq	98
87) Benzo(b)fluoranthene	14.53	252	478902	44.976	nq	98
88) Benzo(k)fluoranthene	14.55	252	365922	36.064	nq	# 95
89) Benzo(a)pyrene	14.82	252	393208	40.349	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	326494	40.855	nq	96
91) Benzo(g,h,i)perylene	16.41	276	345212	41.192	nq	100

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

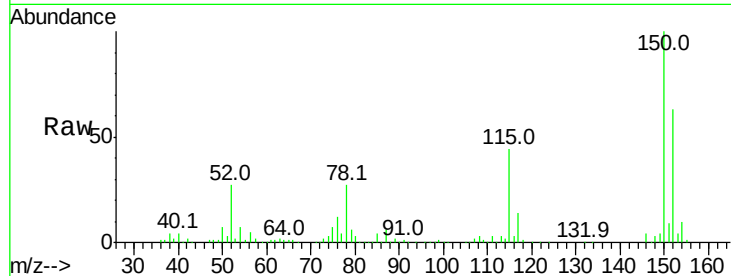


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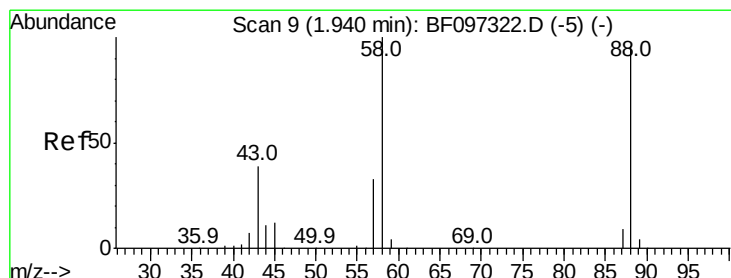
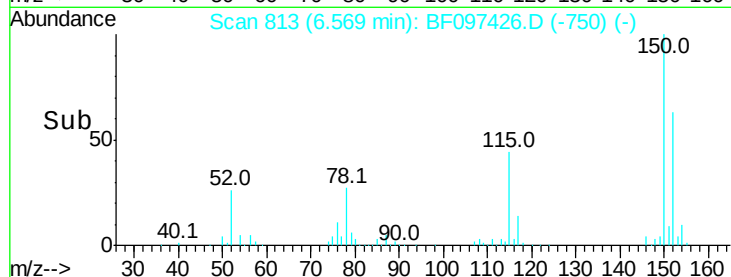
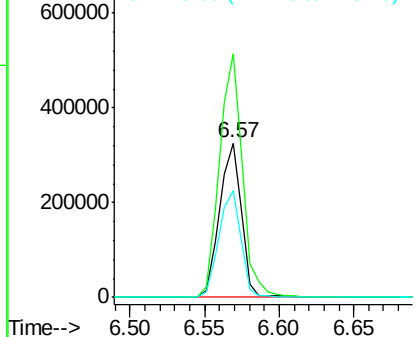
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.57 min Scan# 813
 Delta R.T. 0.07 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 336502
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 68.7 52.2 78.2



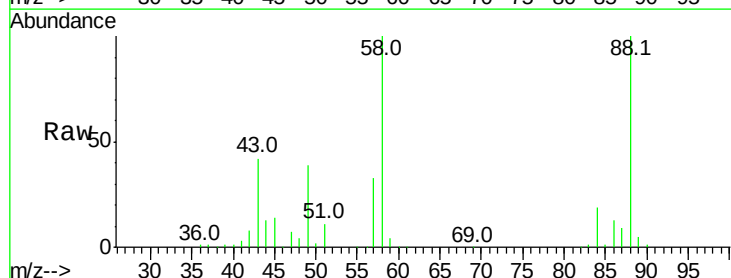
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



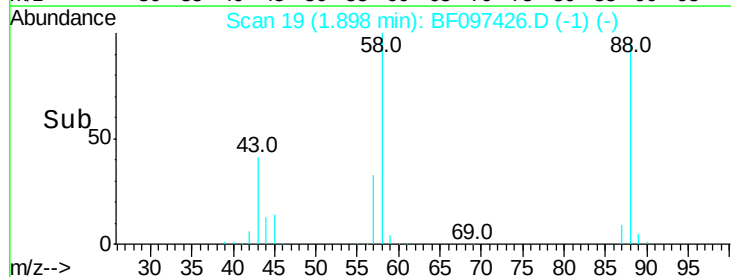
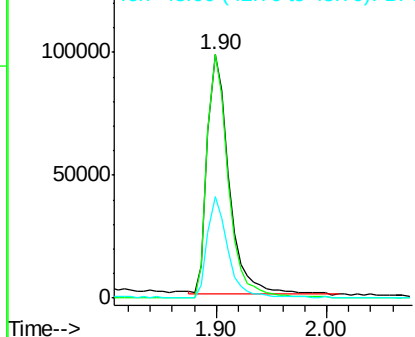
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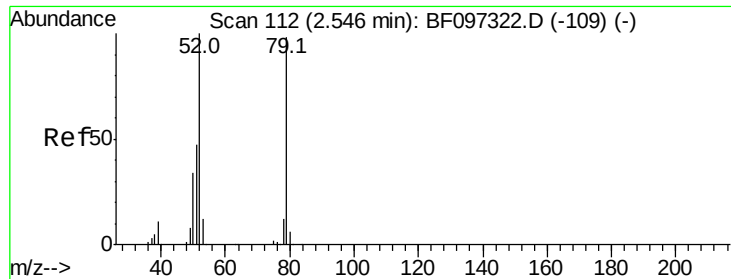
1,4-Dioxane
 Concen: 14.072 ng
 RT: 1.90 min Scan# 19
 Delta R.T. -0.15 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion: 88 Resp: 131085
 Ion Ratio Lower Upper
 88 100
 58 100.2 61.4 92.0#
 43 38.9 23.4 35.0#



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

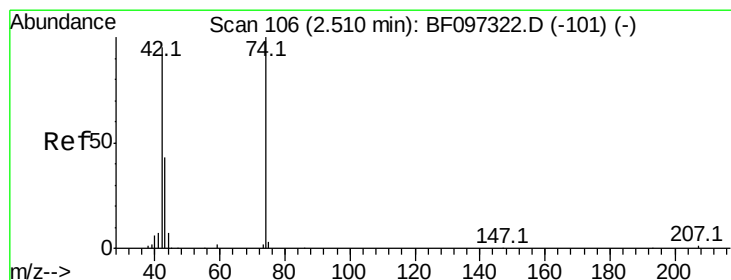
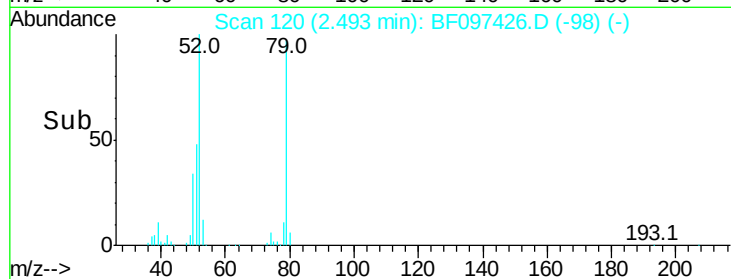
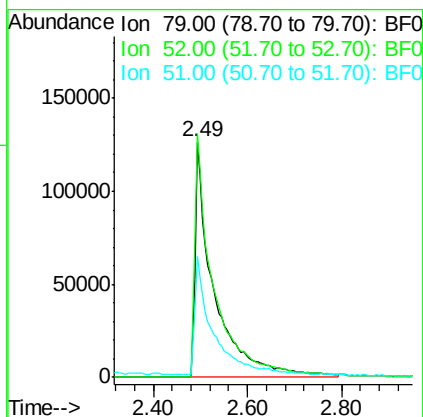
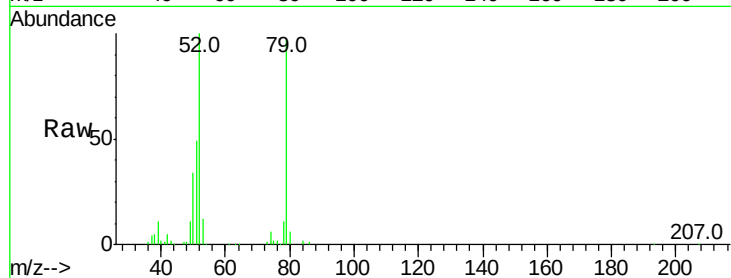




#3
 Pvridine
 Concen: 12.527 ng
 RT: 2.49 min Scan# 120
 Delta R.T. -0.17 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

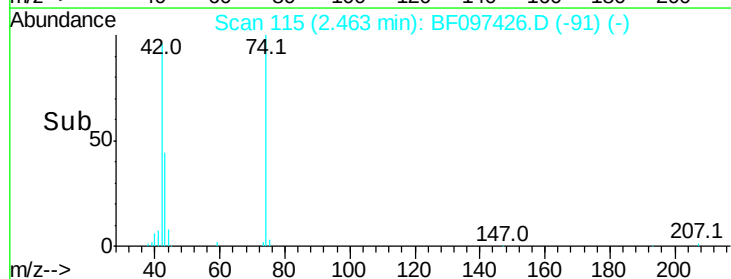
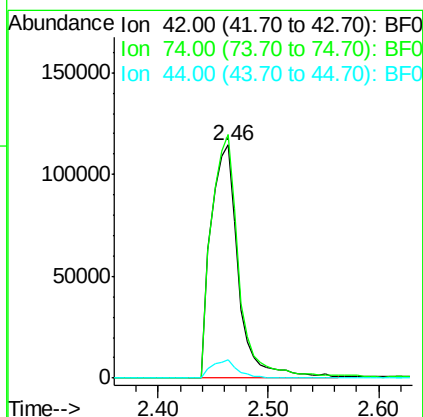
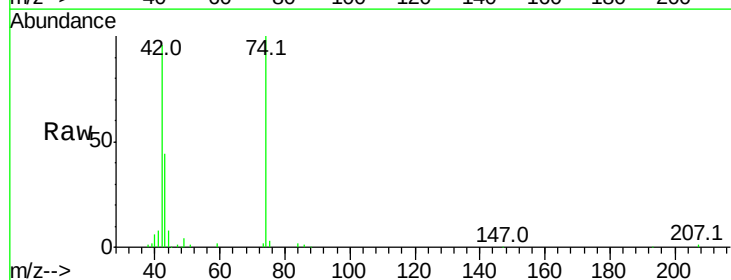
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

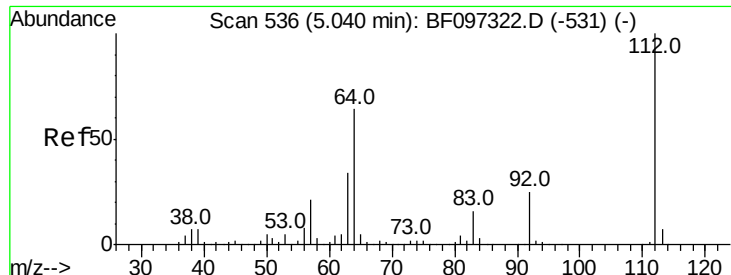
Tot Ion: 79 Resp: 357314
 Ion Ratio Lower Upper
 79 100
 52 103.6 54.8 82.2#
 51 51.2 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 12.430 ng
 RT: 2.46 min Scan# 115
 Delta R.T. -0.16 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion: 42 Resp: 196419
 Ion Ratio Lower Upper
 42 100
 74 104.6 103.9 155.9
 44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 25.483 ng

RT: 5.00 min Scan# 547

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

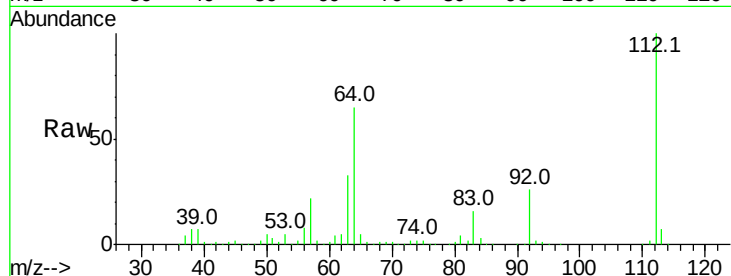
Tot Ion:112 Resp: 568836

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

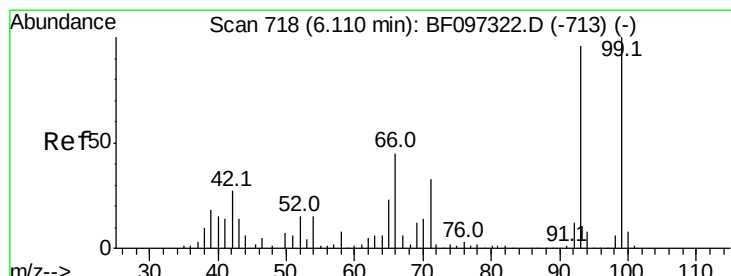
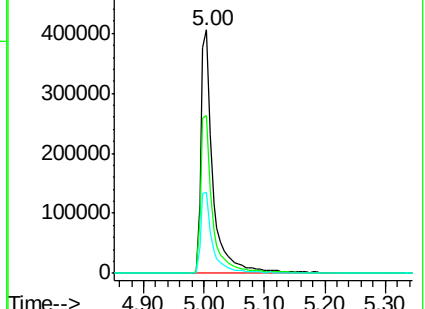
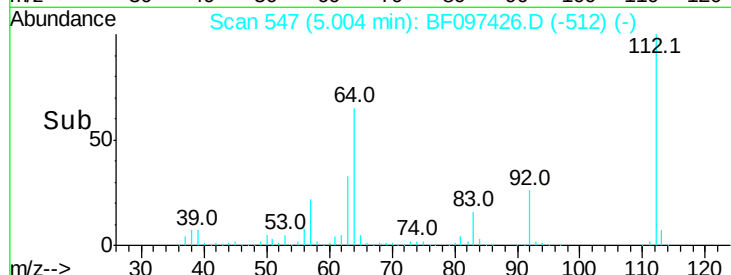
63 33.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.269 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

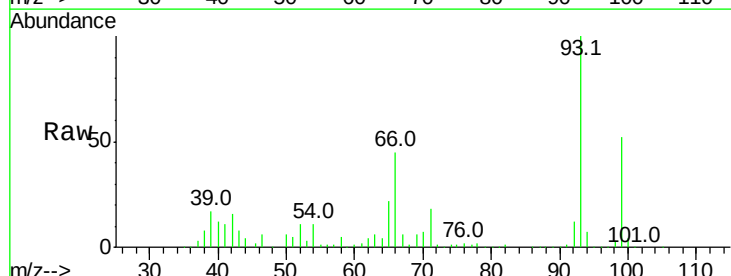
Tgt Ion: 93 Resp: 457582

Ion Ratio Lower Upper

93 100

66 45.2 32.9 49.3

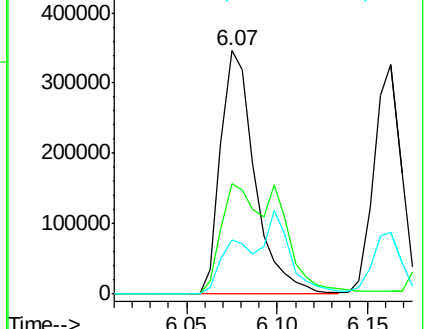
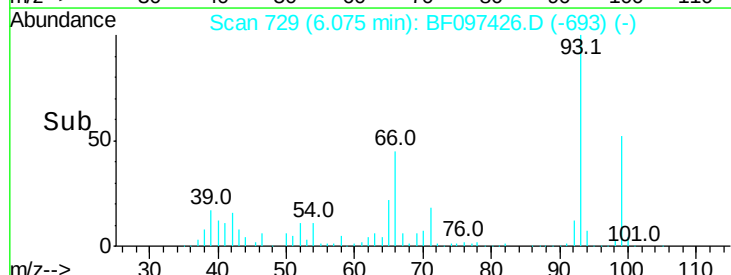
65 22.0 16.0 24.0

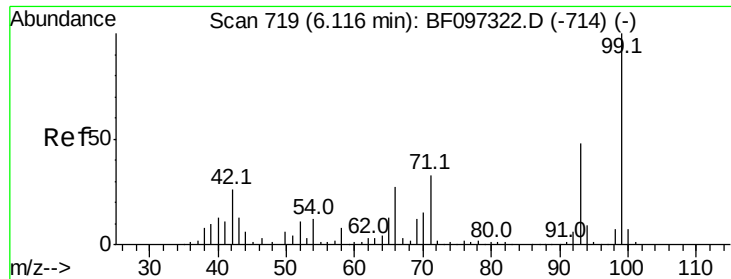


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.241 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

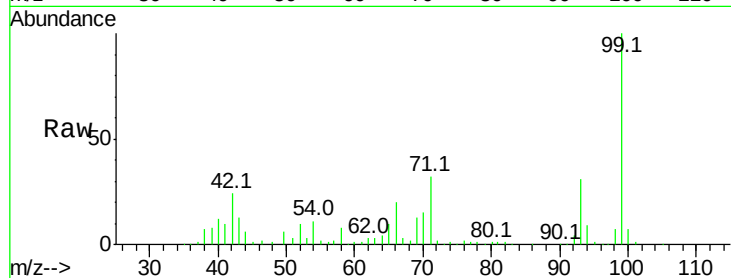
Tot Ion: 99 Resp: 694183

Ion Ratio Lower Upper

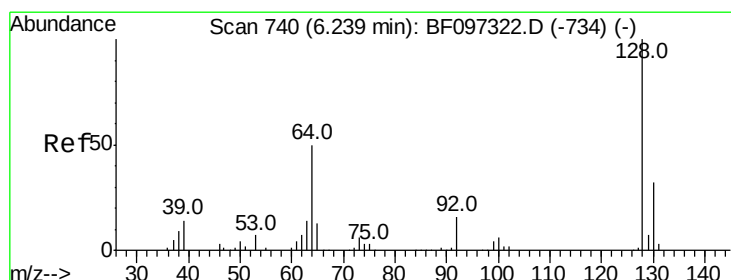
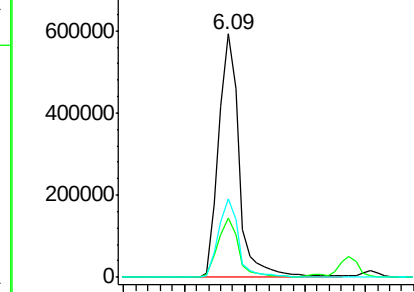
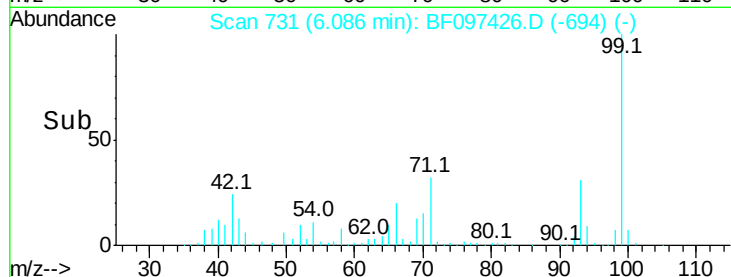
99 100

42 24.4 13.5 20.3#

71 32.5 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: 13.777 ng

RT: 6.20 min Scan# 751

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

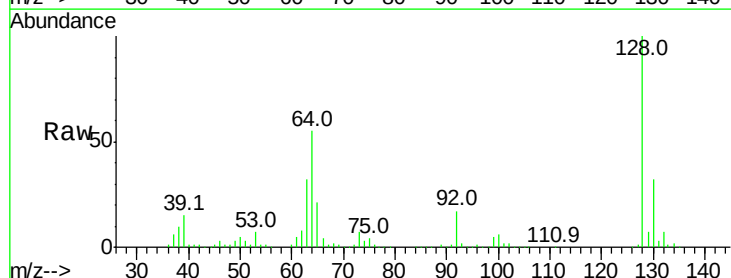
Tgt Ion:128 Resp: 328838

Ion Ratio Lower Upper

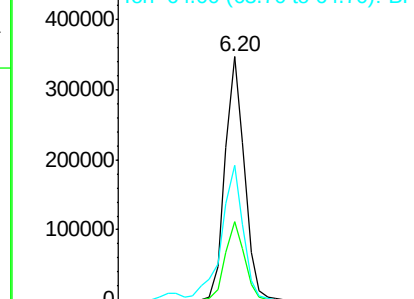
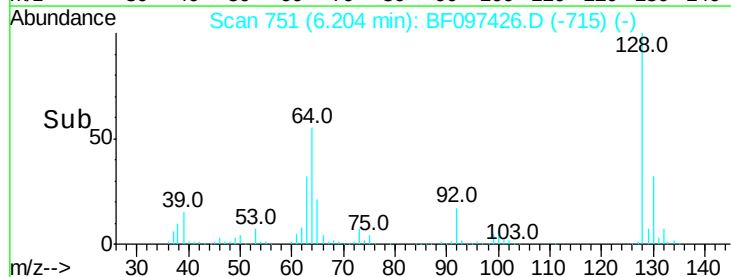
128 100

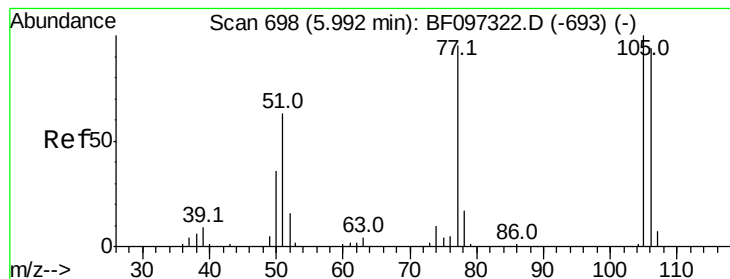
130 32.0 12.9 52.9

64 55.4 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: 15.662 ng

RT: 5.96 min Scan# 709

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

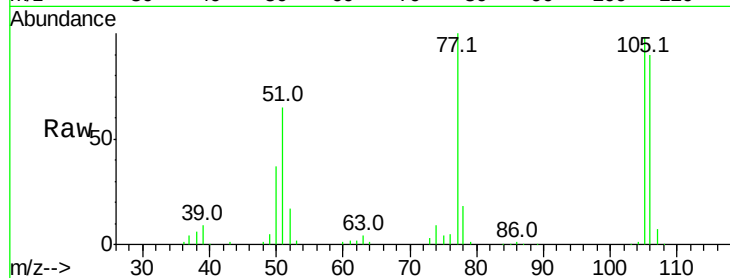
Tot Ion: 77 Resp: 236245

Ion Ratio Lower Upper

77 100

105 97.7 83.8 123.8

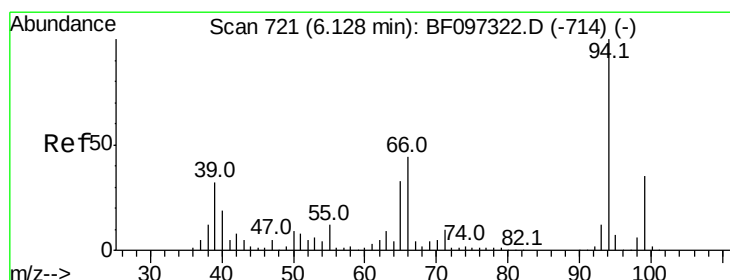
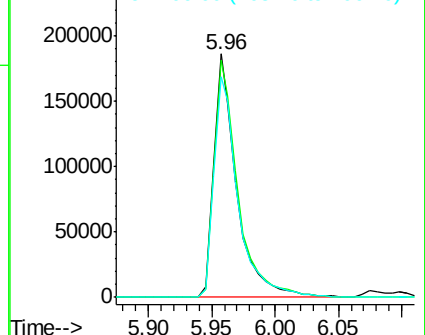
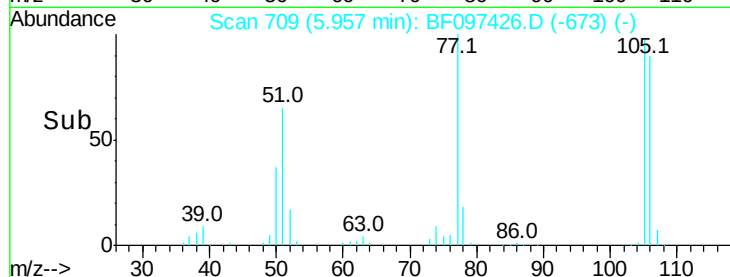
106 90.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.859 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

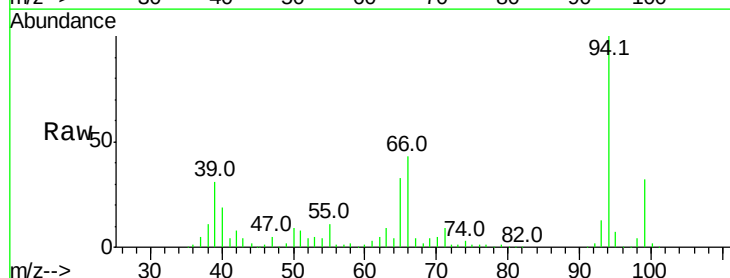
Tgt Ion: 94 Resp: 418910

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

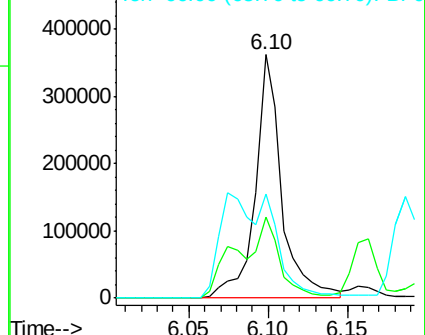
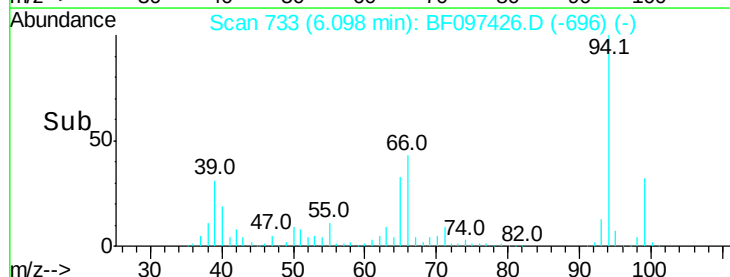
66 42.9 23.1 63.1

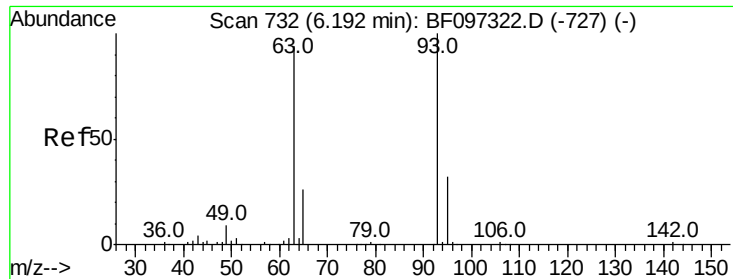


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 14.074 ng

RT: 6.16 min Scan# 744

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

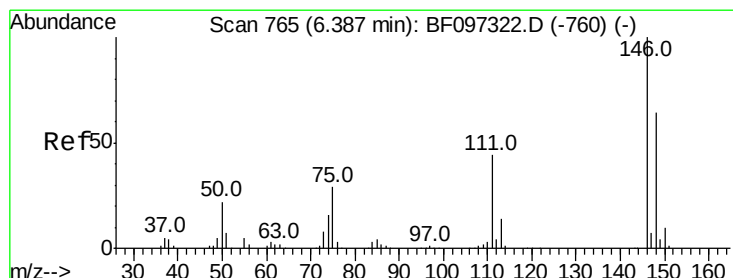
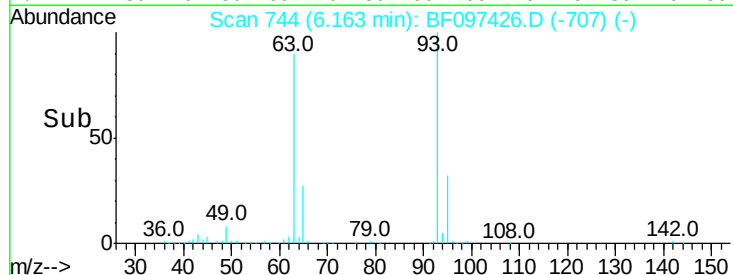
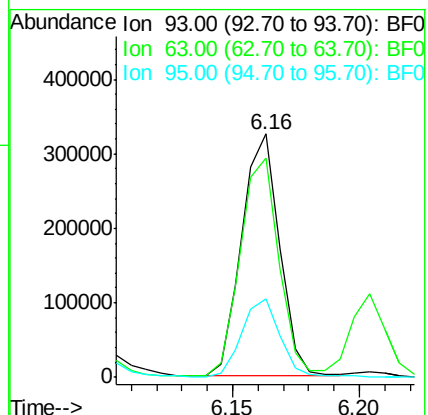
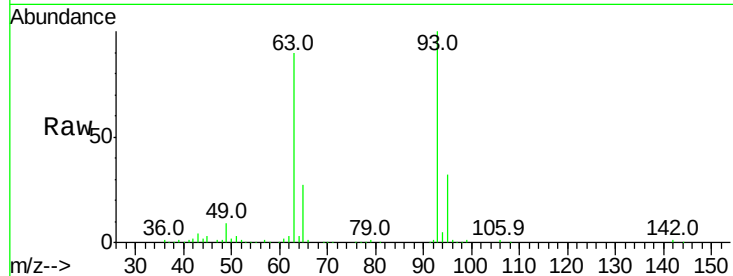
Tot Ion: 93 Resp: 336465

Ion Ratio Lower Upper

93 100

63 89.8 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 10.970 ng

RT: 6.58 min Scan# 815

Delta R.T. 0.14 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

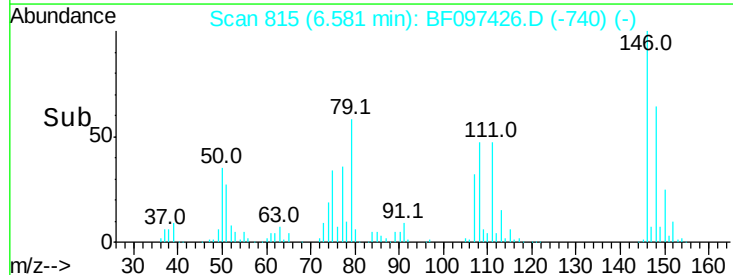
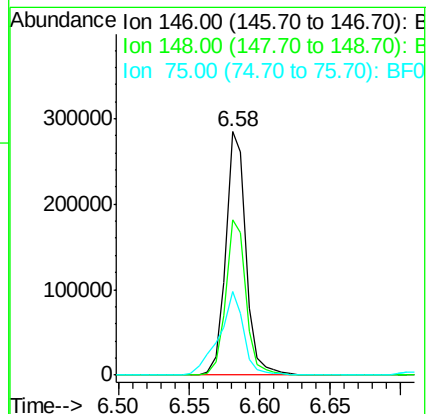
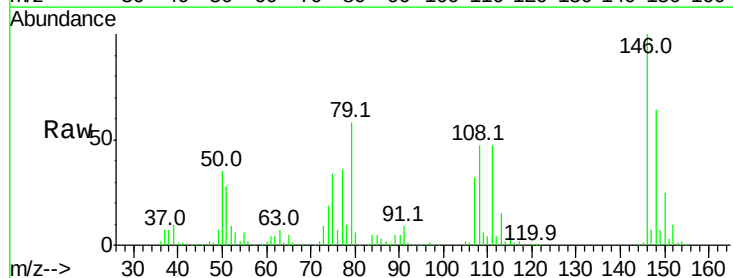
Tgt Ion: 146 Resp: 282175

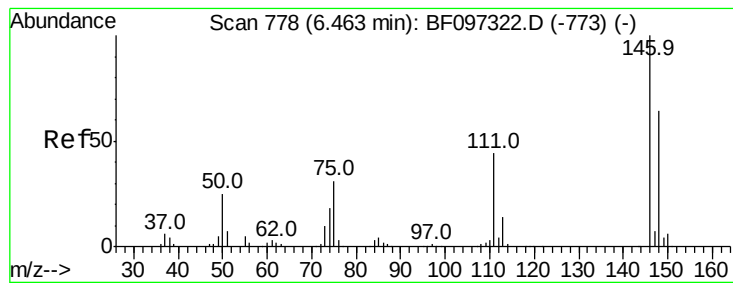
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 34.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 14.117 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

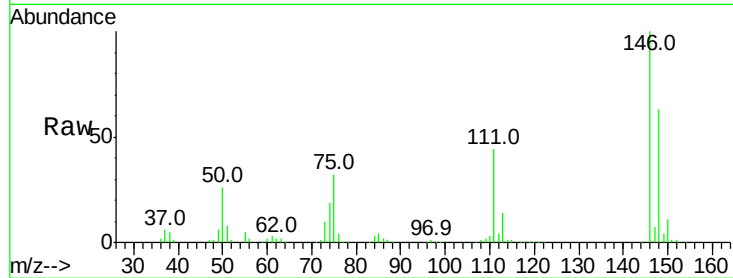
Tot Ion:146 Resp: 359853

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

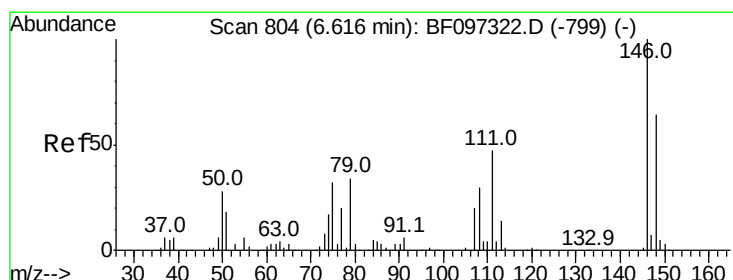
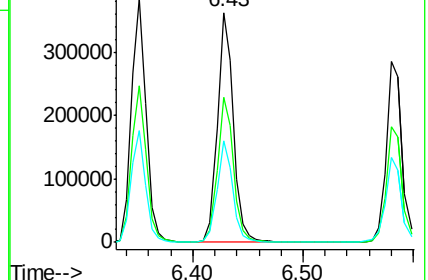
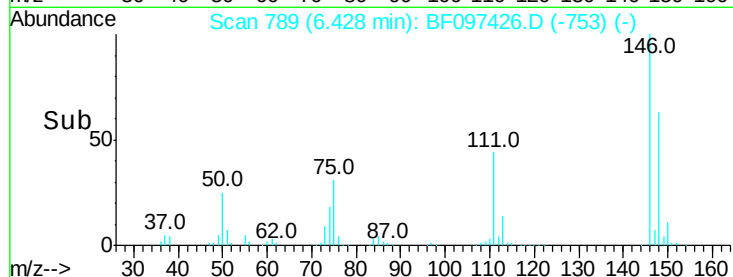
111 44.1 30.3 45.5



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: 12.678 ng

RT: 6.58 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

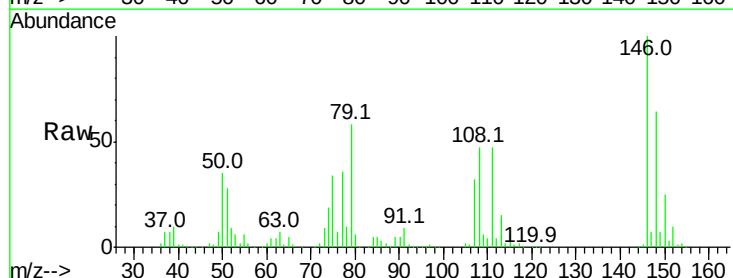
Tgt Ion:146 Resp: 282175

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

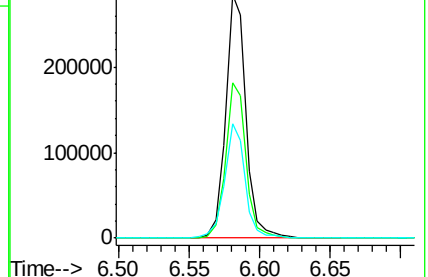
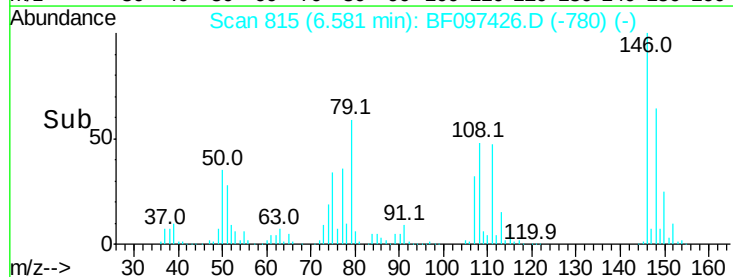
111 47.0 38.2 57.4

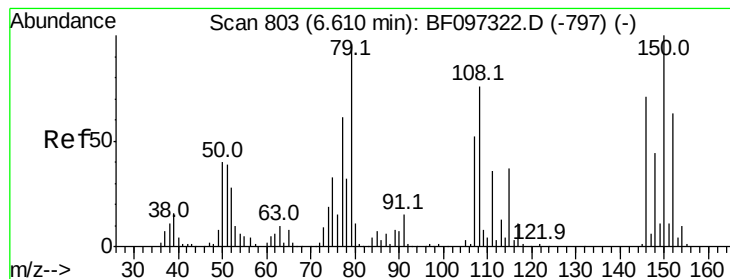


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.976 ng

RT: 6.58 min Scan# 815

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

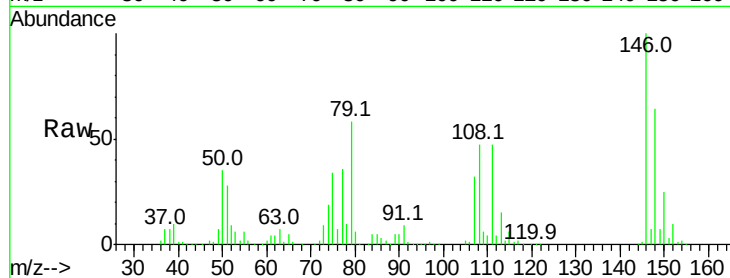
Tot Ion: 79 Resp: 225487

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

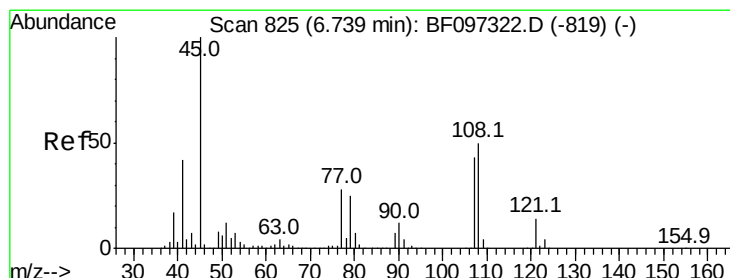
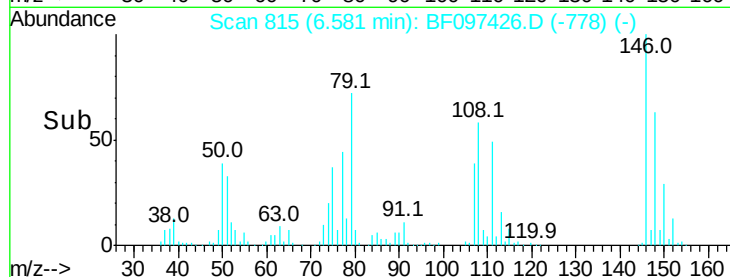
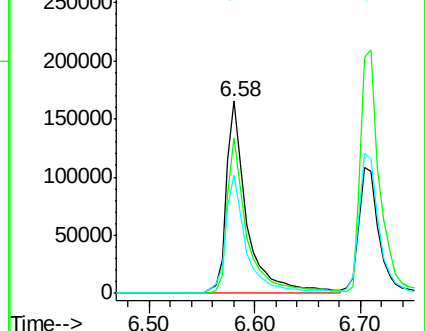
77 61.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 12.346 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

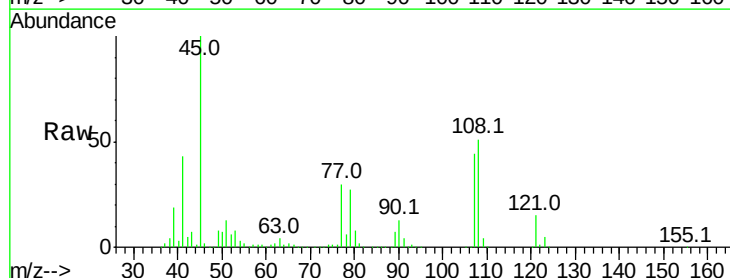
Tgt Ion: 45 Resp: 591975

Ion Ratio Lower Upper

45 100

77 30.0 0.0 33.2

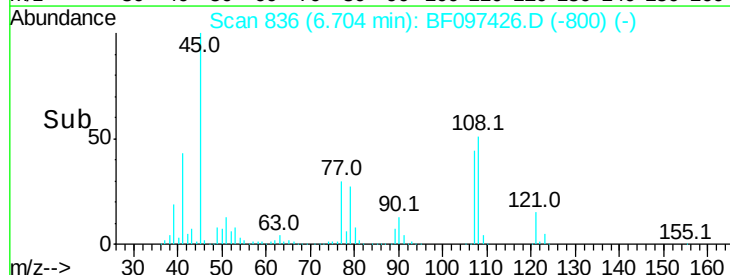
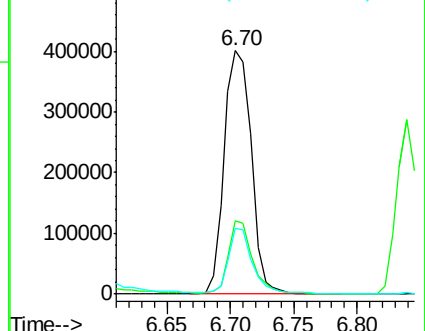
79 27.0 0.0 30.0

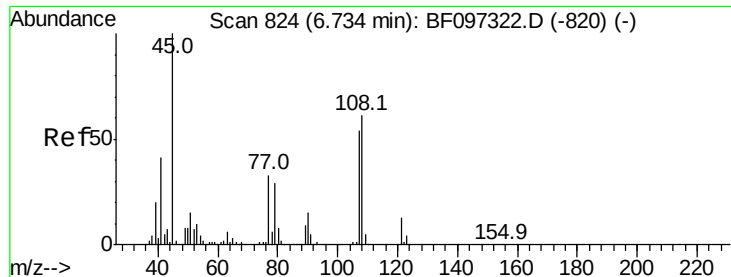


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 17.948 ng

RT: 6.86 min Scan# 863

Delta R.T. 0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 330620

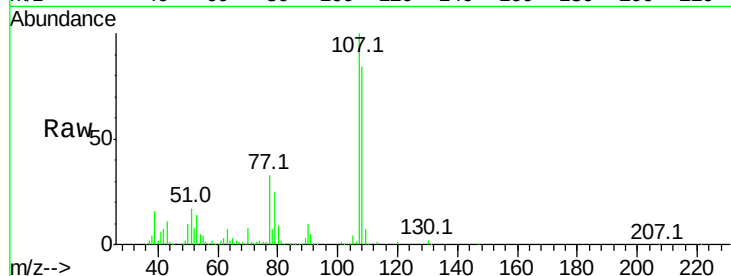
Ion Ratio Lower Upper

107 100

108 84.2 93.4 140.0#

77 32.7 35.8 53.6#

79 24.7 34.8 52.2#



Abundance

Ion 107.00 (106.70 to 107.70): E

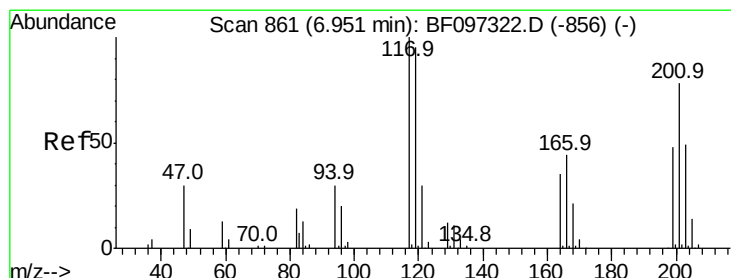
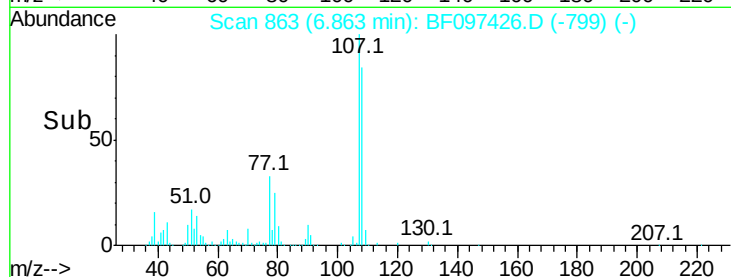
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

6.86

Time-->



#18

Hexachloroethane

Concen: 13.267 ng

RT: 6.92 min Scan# 872

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

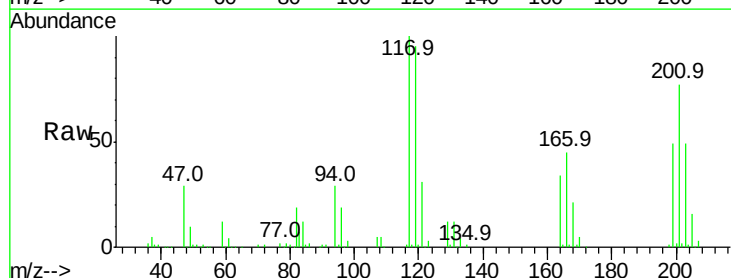
Tgt Ion:117 Resp: 123724

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

201 76.7 94.6 141.8#



Abundance

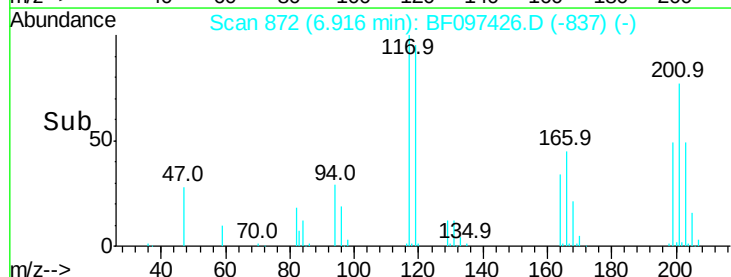
Ion 117.00 (116.70 to 117.70): E

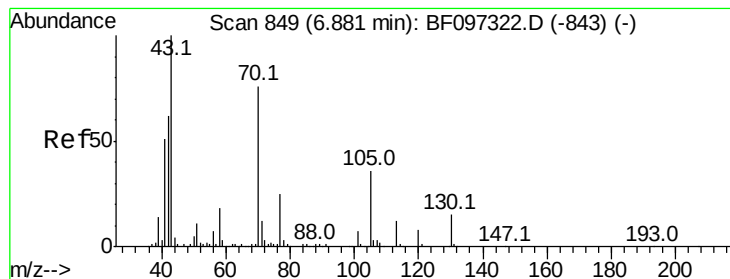
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

6.92

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 5.635 ng

RT: 6.99 min Scan# 885

Delta R.T. 0.06 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 94516

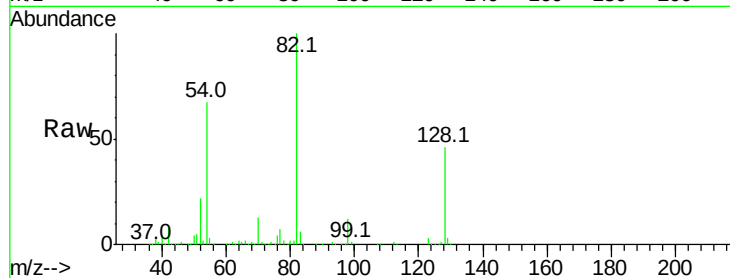
Ion Ratio Lower Upper

70 100

42 60.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

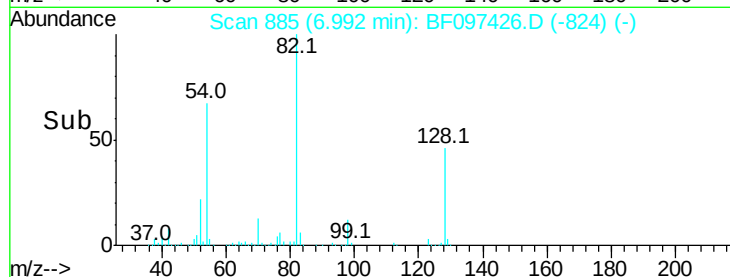


Abundance Ion 70.00 (69.70 to 70.70): BF0

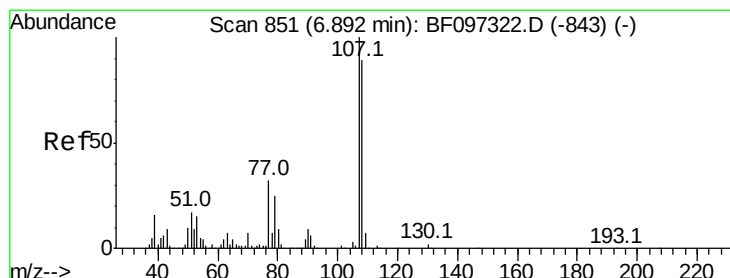
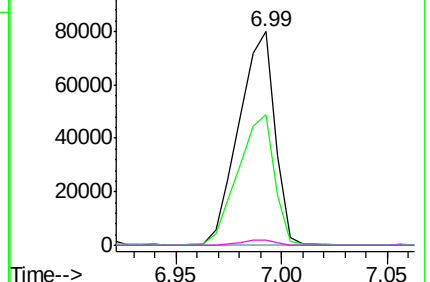
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time-->



#20

3+4-Methylphenols

Concen: 13.742 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Tgt Ion:107 Resp: 330620

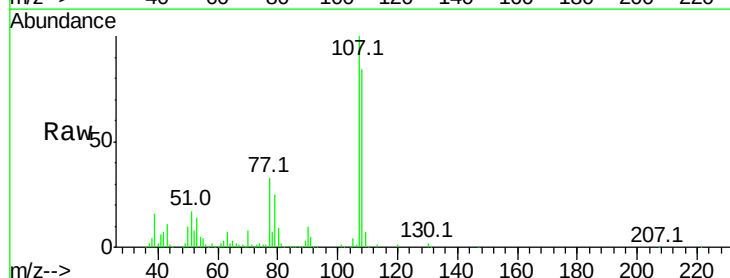
Ion Ratio Lower Upper

107 100

108 84.2 71.0 111.0

77 32.7 90.5 130.5#

79 24.7 8.4 48.4

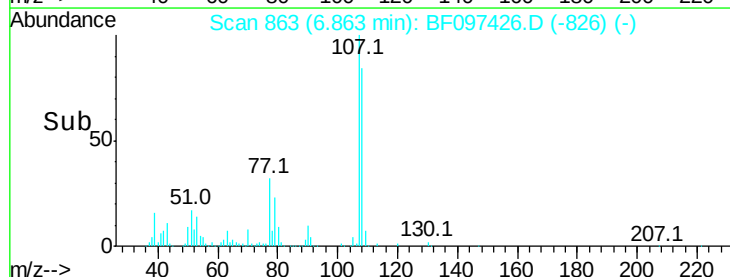


Abundance Ion 107.00 (106.70 to 107.70): BF0

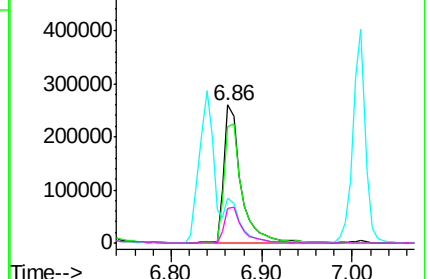
Ion 108.00 (107.70 to 108.70): BF0

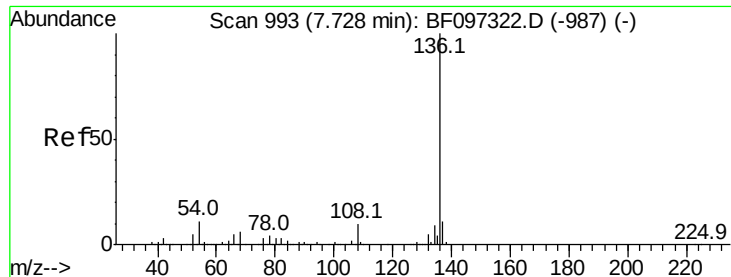
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->

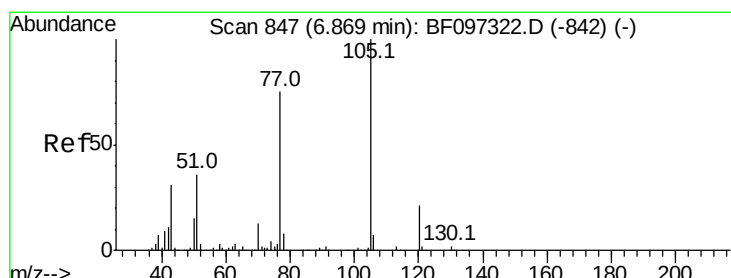
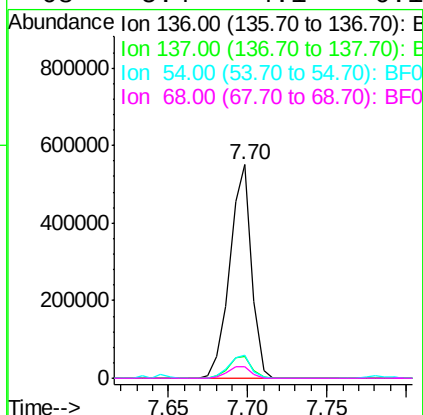
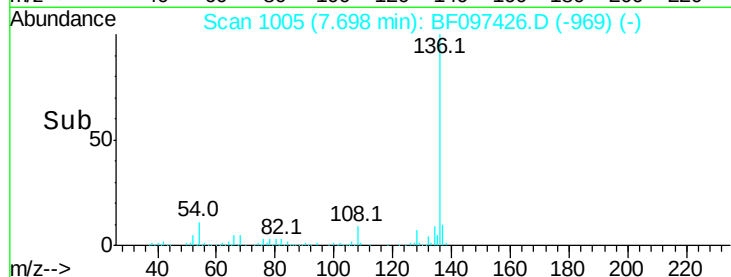
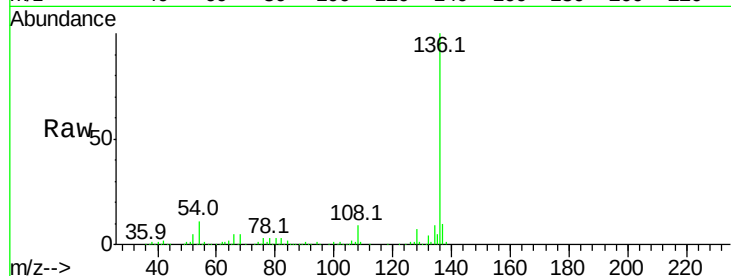




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.70 min Scan# 1005
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

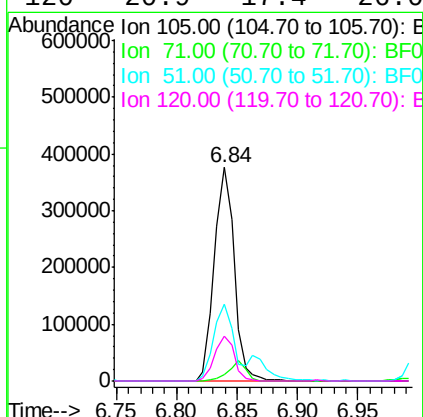
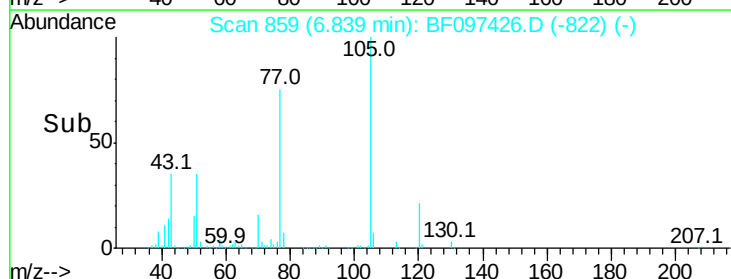
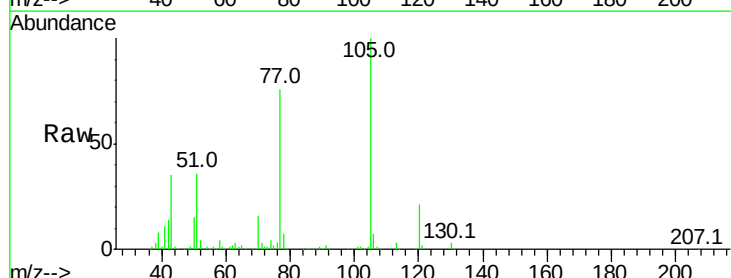
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

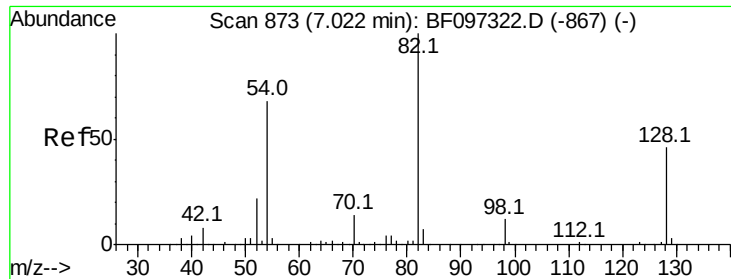
Tot Ion:136	Resp:	520280
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	10.6	4.9 7.3#
68	5.4	4.1 6.1



#22
Acetophenone
Concen: 34.120 ng
RT: 6.84 min Scan# 859
Delta R.T. -0.08 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:105	Resp:	426302
Ion Ratio	Lower	Upper
105	100	
71	2.7	2.8 4.2#
51	35.9	30.7 46.1
120	20.9	17.4 26.0

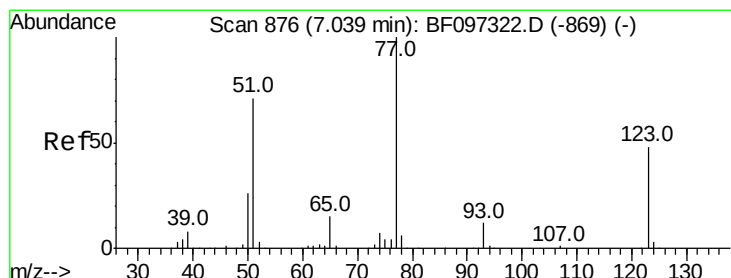
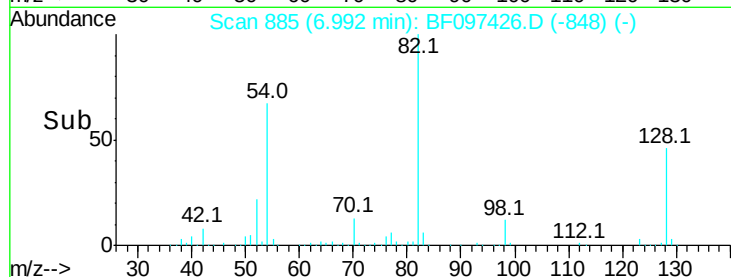
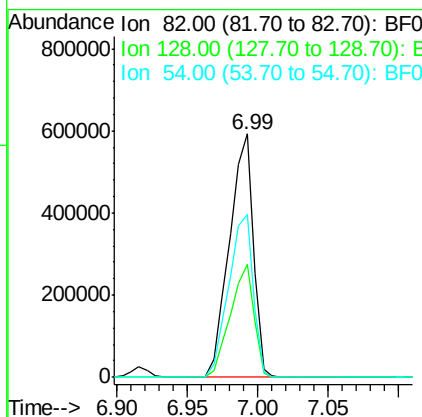
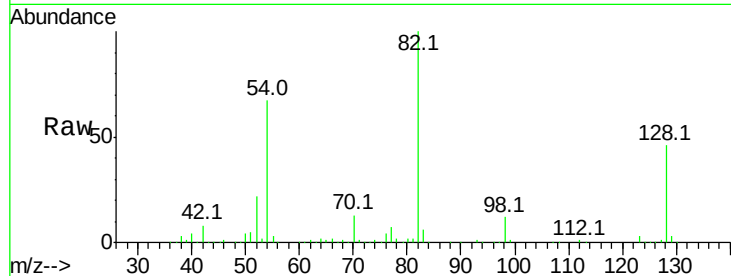




#23
 Nitrobenzene-d5
 Concen: 78.879 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

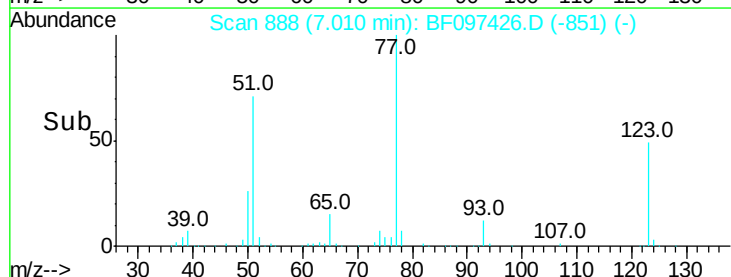
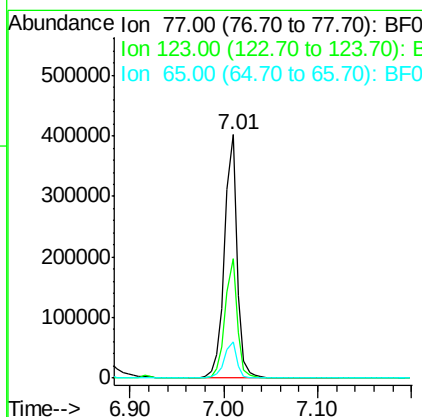
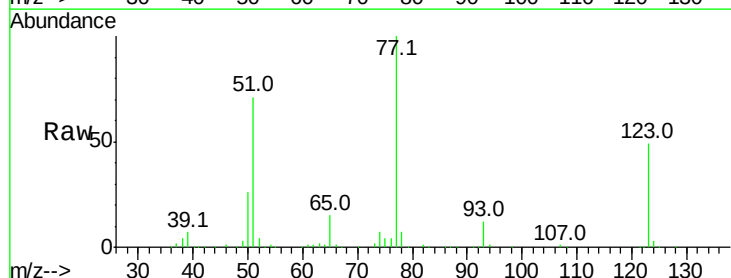
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

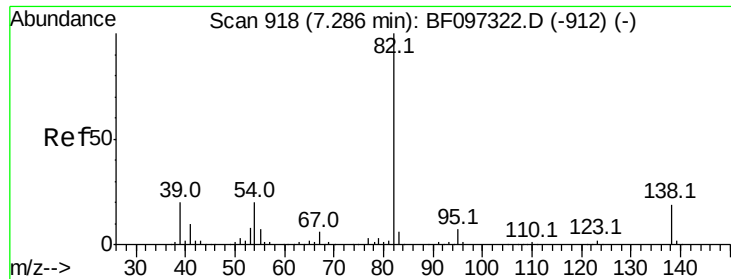
Tot Ion: 82 Resp: 699567
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 66.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.947 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion: 77 Resp: 378210
 Ion Ratio Lower Upper
 77 100
 123 49.0 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 40.552 ng

RT: 7.25 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

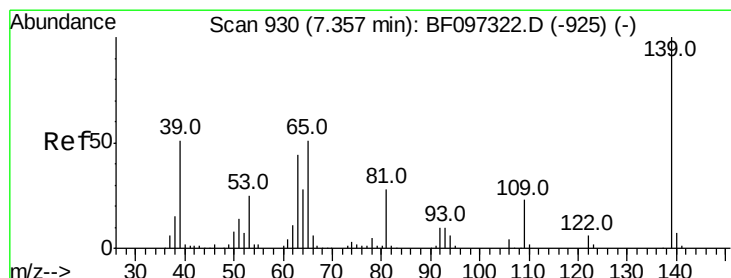
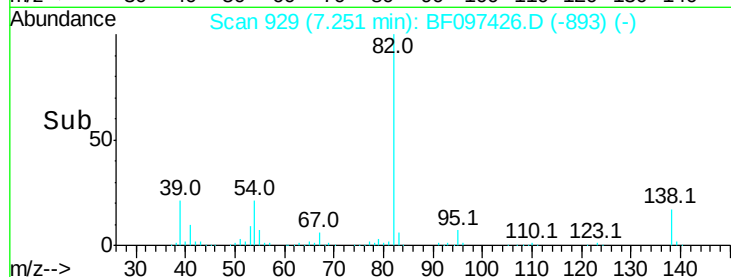
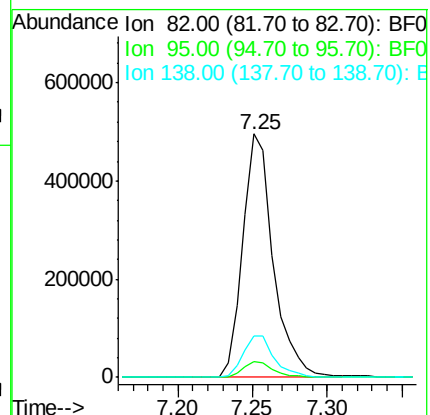
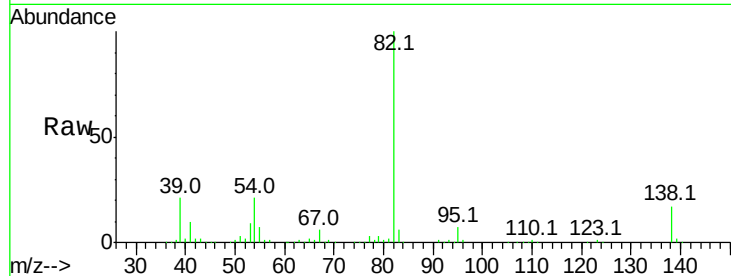
Tot Ion: 82 Resp: 704325

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 17.1 13.1 19.7



#26

2-Nitrophenol

Concen: 41.090 ng

RT: 7.33 min Scan# 942

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

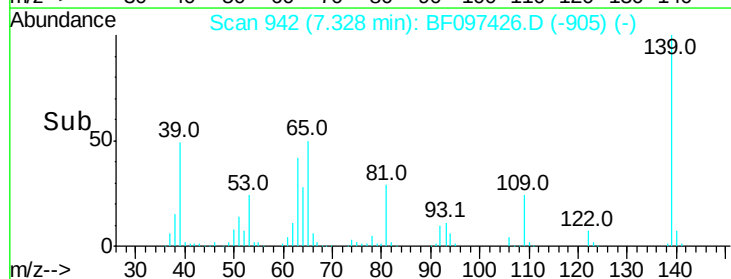
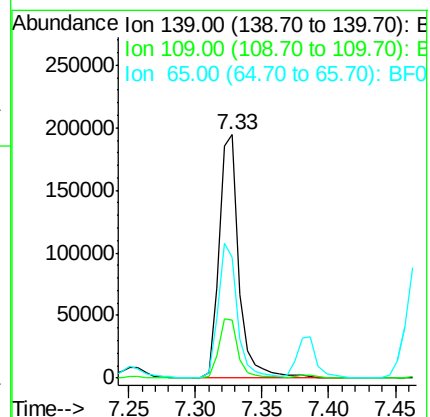
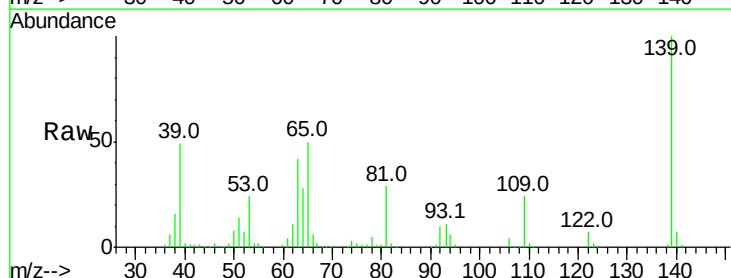
Tgt Ion: 139 Resp: 205337

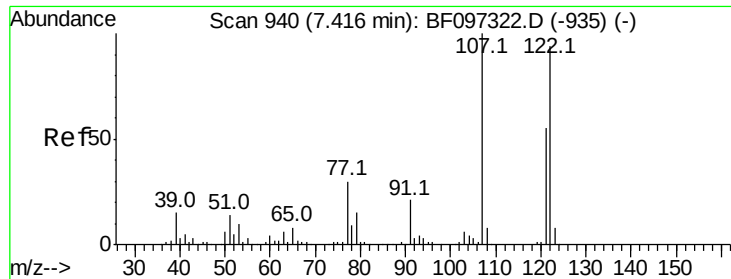
Ion Ratio Lower Upper

139 100

109 23.6 21.0 31.6

65 49.8 33.0 49.6#

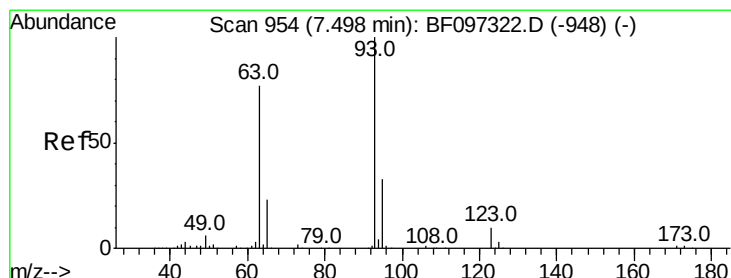
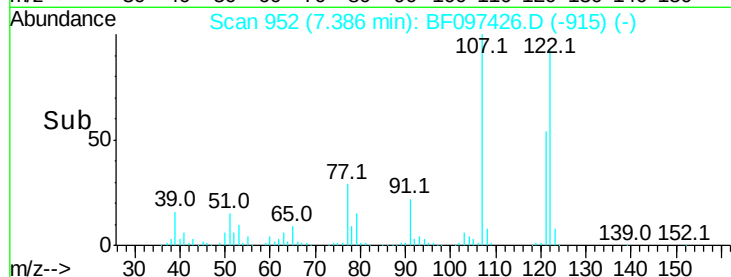
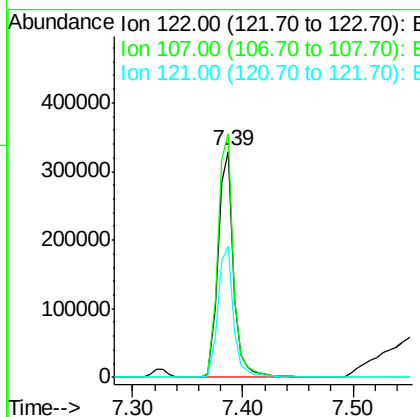
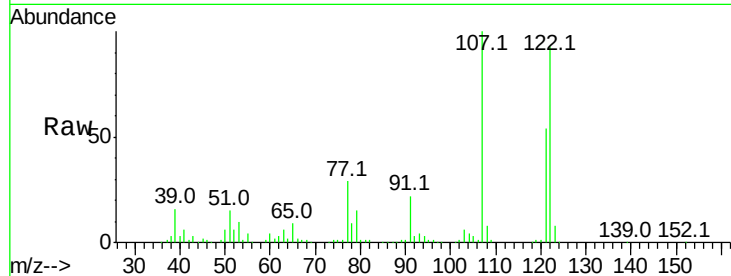




#27
 2,4-Dimethylphenol
 Concen: 38.834 ng
 RT: 7.39 min Scan# 952
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

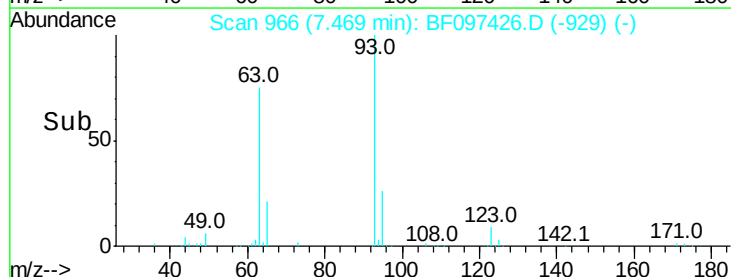
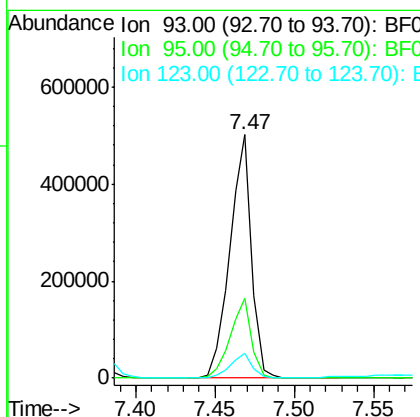
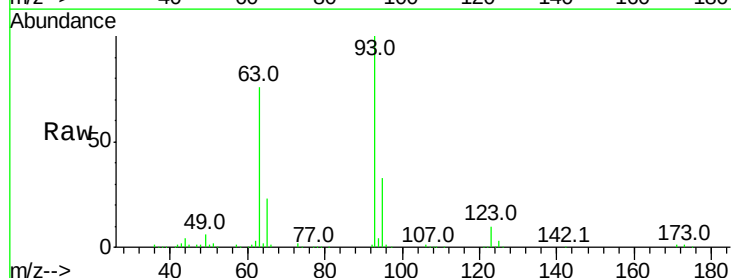
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

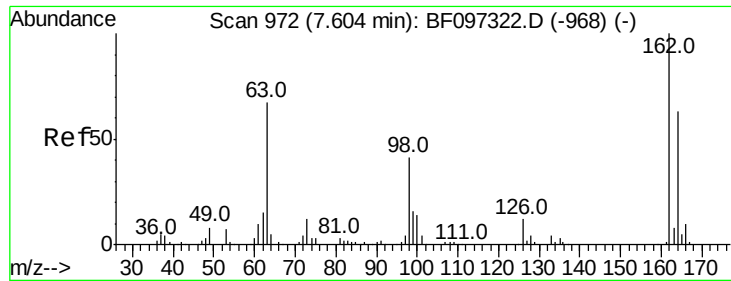
Tot Ion:122 Resp: 320126
 Ion Ratio Lower Upper
 122 100
 107 107.6 89.2 133.8
 121 57.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.562 ng
 RT: 7.47 min Scan# 966
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion: 93 Resp: 471081
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.3 9.0 13.4

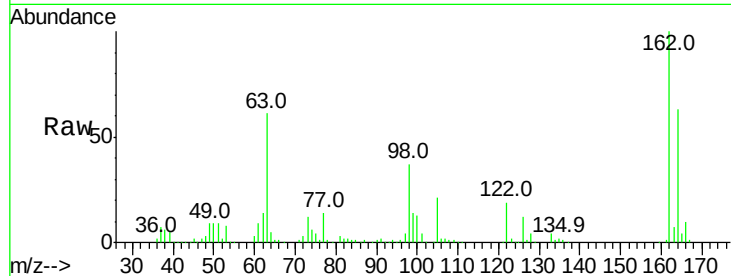




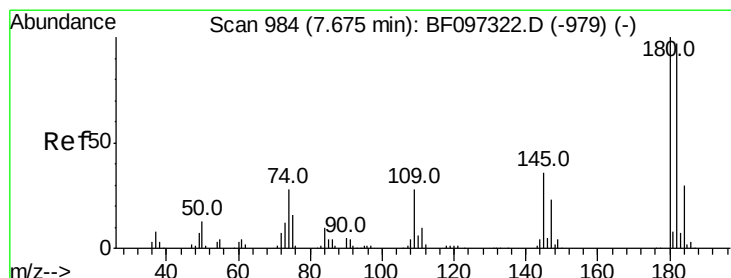
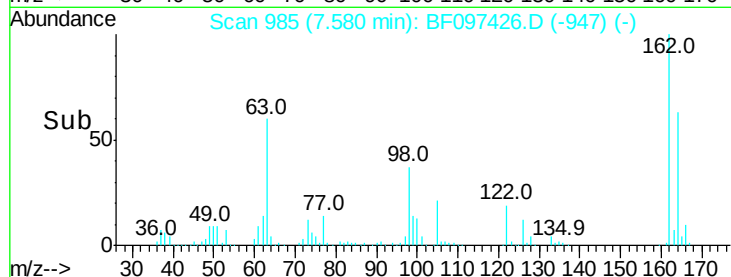
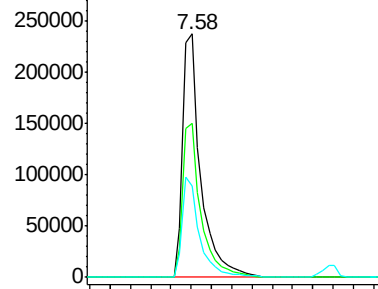
#29
 2,4-Dichlorophenol
 Concen: 41.405 ng
 RT: 7.58 min Scan# 985
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	37.4	14.8	54.8

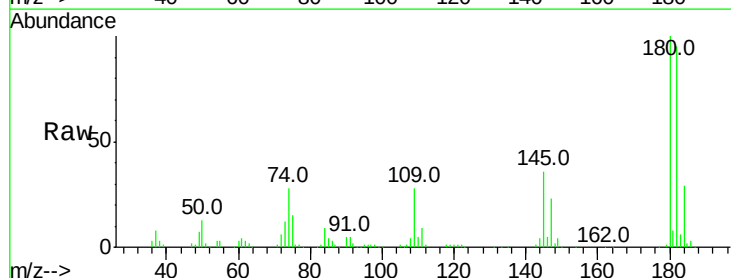


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

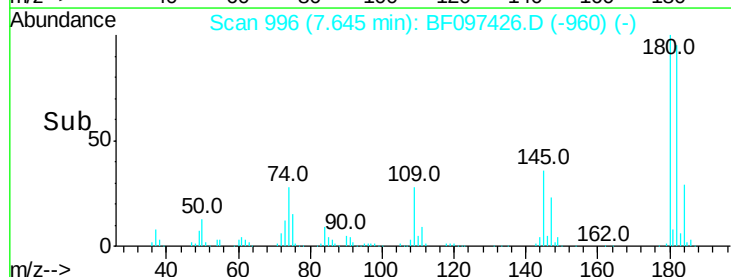
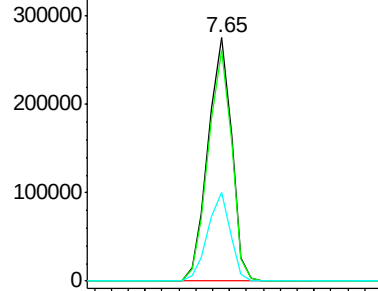


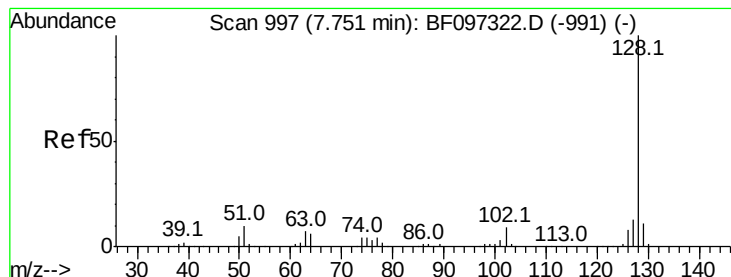
#30
 1,2,4-Trichlorobenzene
 Concen: 39.571 ng
 RT: 7.65 min Scan# 996
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	36.4	25.3	37.9



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





#31

Naphthalene

Concen: 40.037 ng

RT: 7.72 min Scan# 1008

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

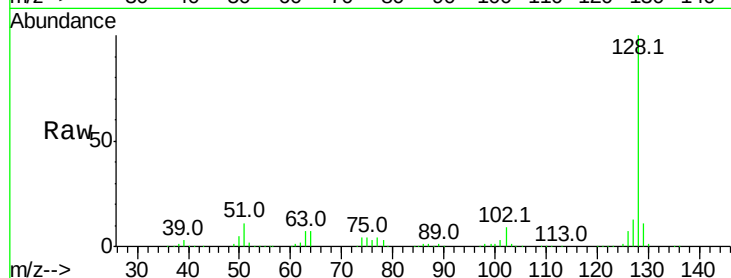
Tot Ion:128 Resp: 981913

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

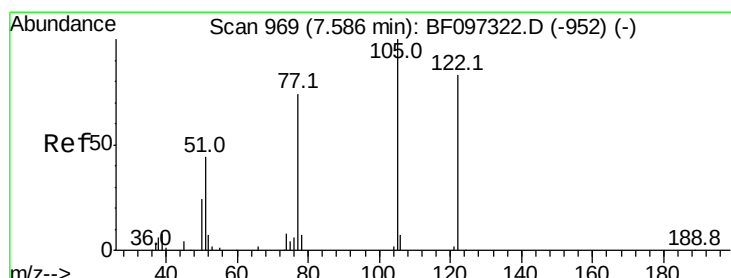
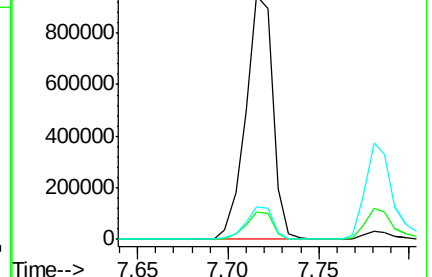
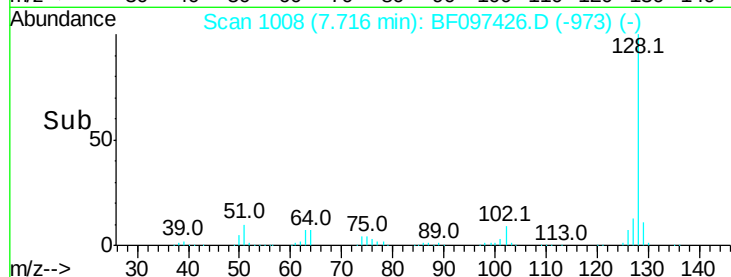
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.660 ng

RT: 7.57 min Scan# 983

Delta R.T. -0.06 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

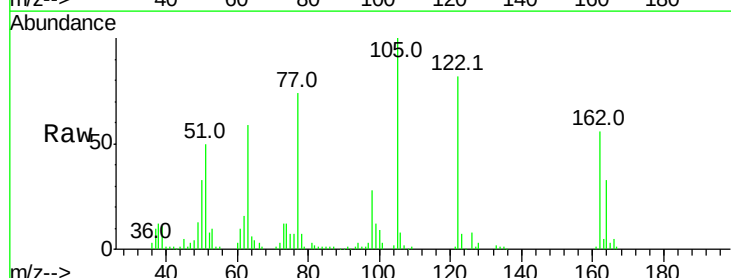
Tgt Ion:122 Resp: 231814

Ion Ratio Lower Upper

122 100

105 121.2 103.3 143.3

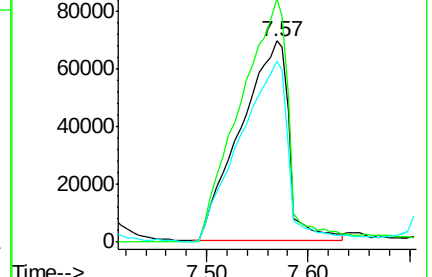
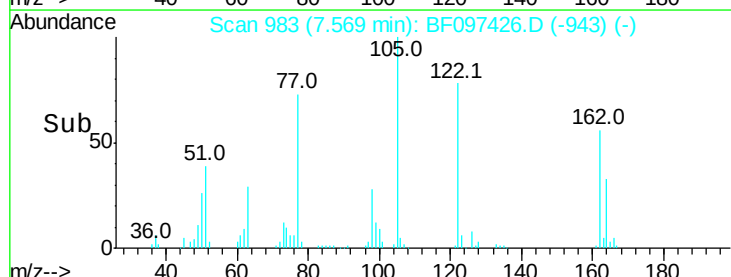
77 90.2 73.7 113.7

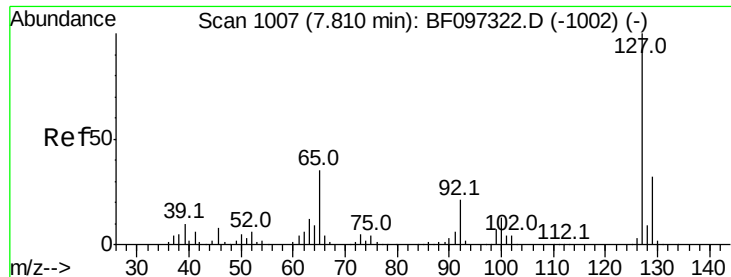


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

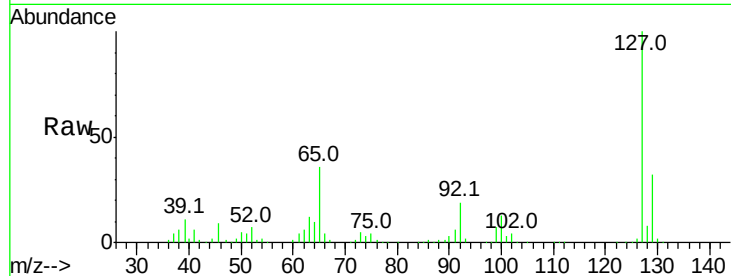




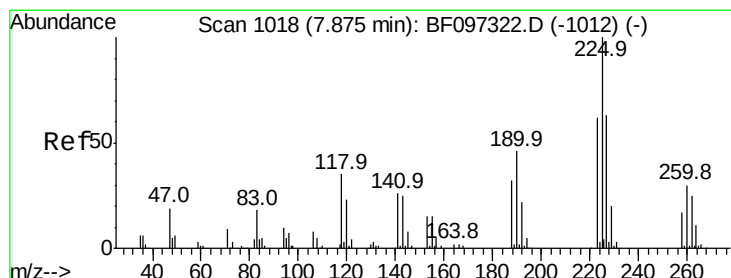
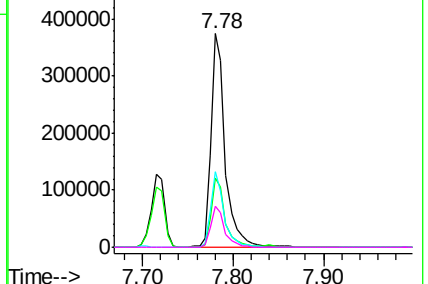
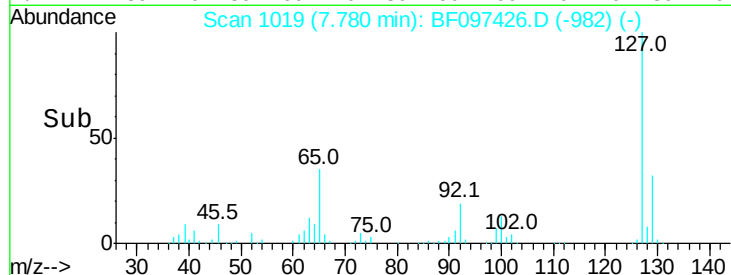
#33
4-Chloroaniline
Concen: 40.962 ng
RT: 7.78 min Scan# 1019
Delta R.T. -0.08 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127 Resp: 408776
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.2
65 35.5 27.8 41.8
92 19.3 16.8 25.2

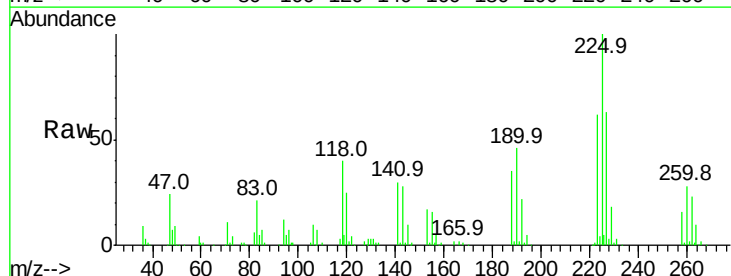


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

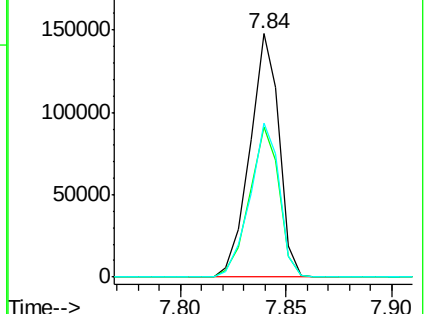
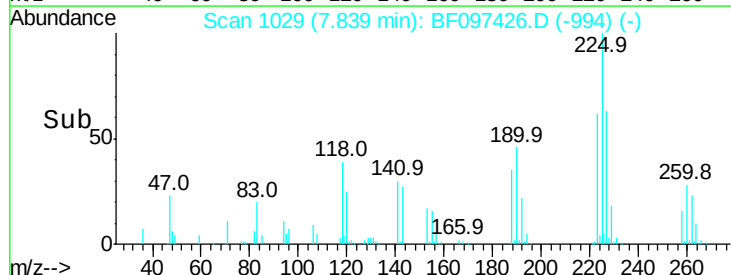


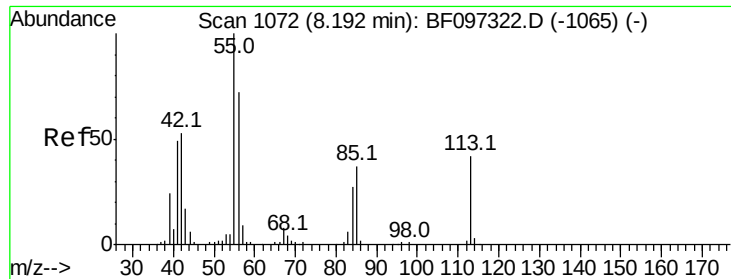
#34
Hexachlorobutadiene
Concen: 39.568 ng
RT: 7.84 min Scan# 1029
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:225 Resp: 141992
Ion Ratio Lower Upper
225 100
223 61.9 48.8 73.2
227 63.4 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

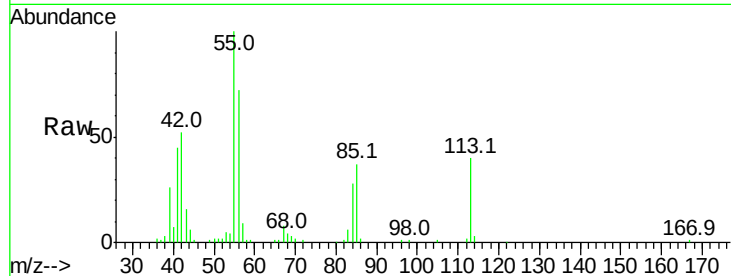




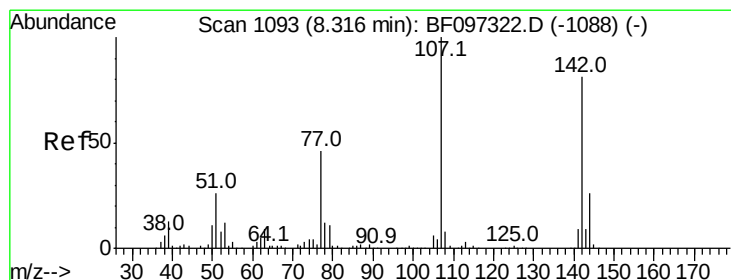
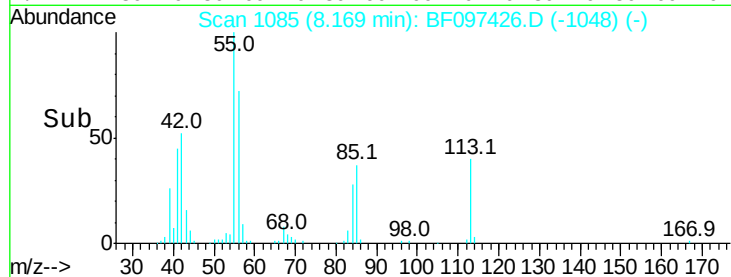
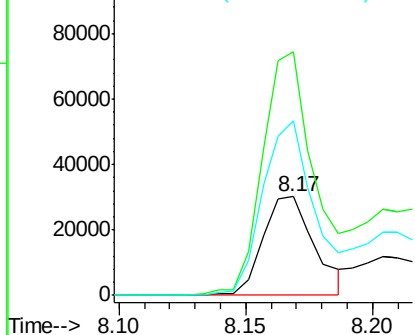
#35
 Caprolactam
 Concen: 18.744 ng
 RT: 8.17 min Scan# 1085
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 42682
 Ion Ratio Lower Upper
 113 100
 55 247.0 150.2 190.2#
 56 177.5 107.8 147.8#

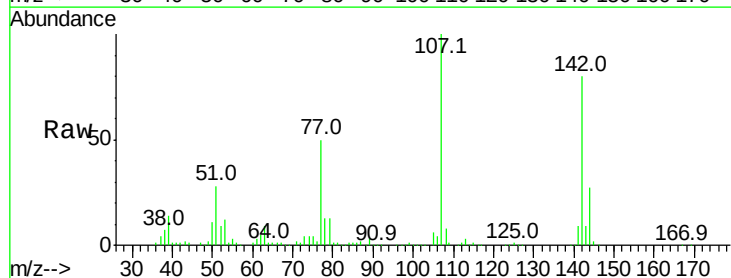


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

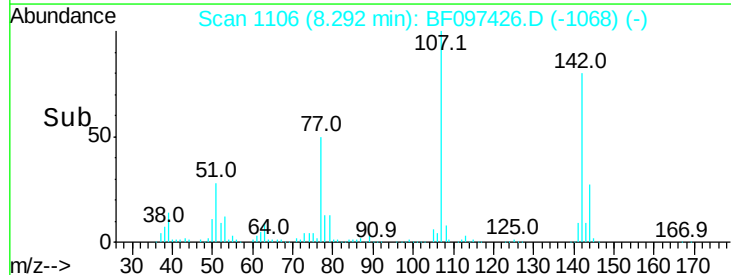
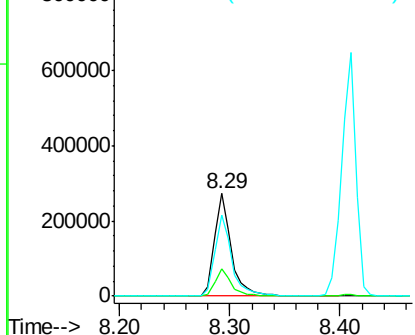


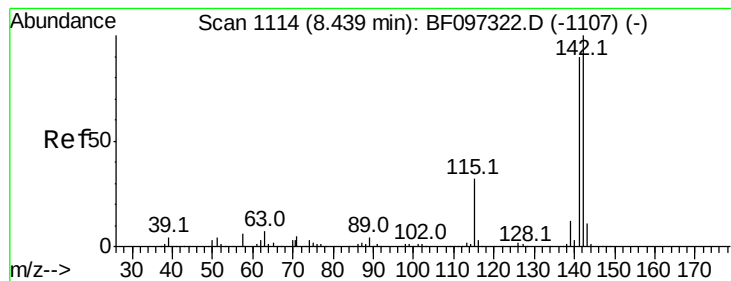
#36
 4-Chloro-3-methylphenol
 Concen: 36.899 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion:107 Resp: 285874
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 79.5 73.4 110.0



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

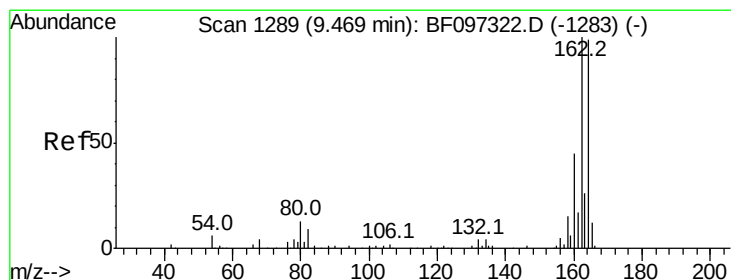
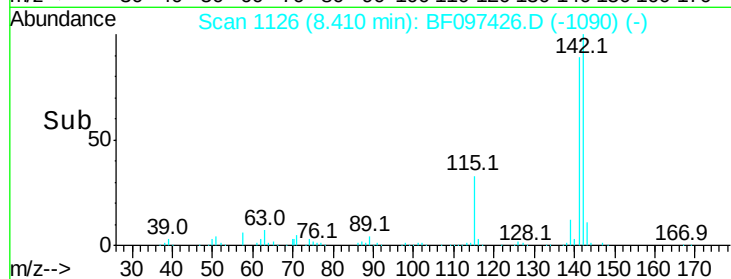
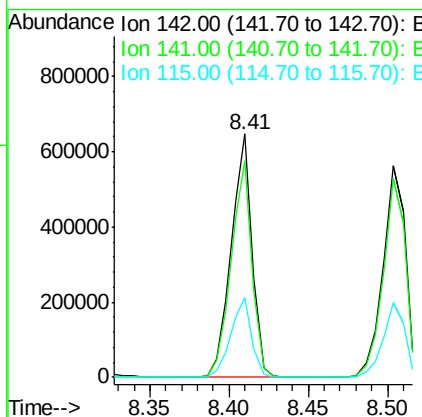
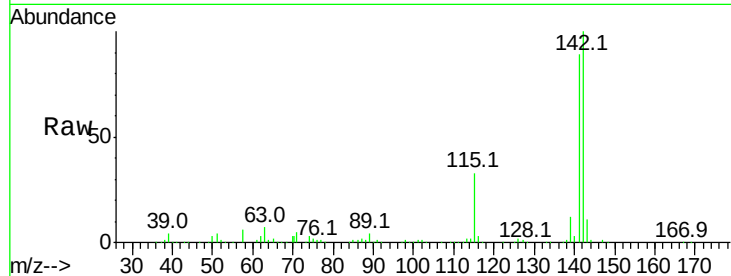




#37
 2-Methylnaphthalene
 Concen: 37.933 ng
 RT: 8.41 min Scan# 1126
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

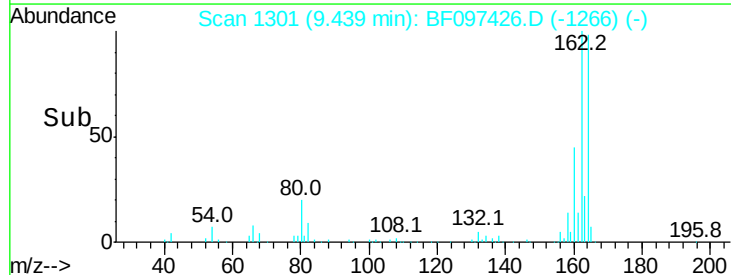
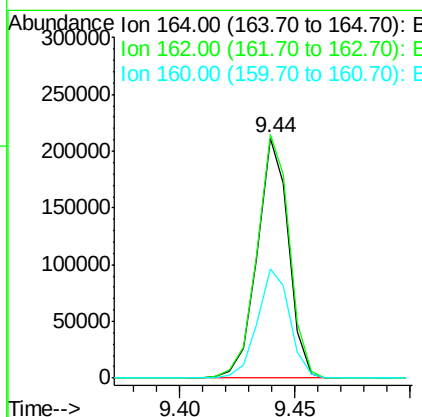
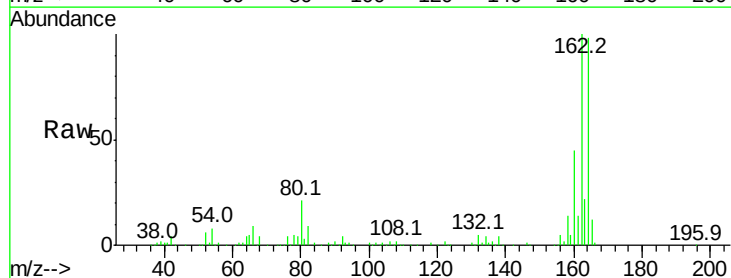
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

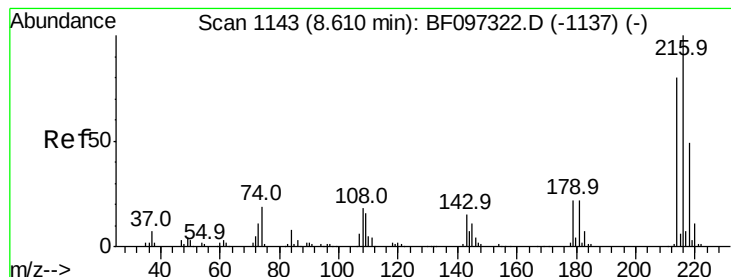
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.6	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.44 min Scan# 1301
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.686 ng

RT: 8.58 min Scan# 1155

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 233149

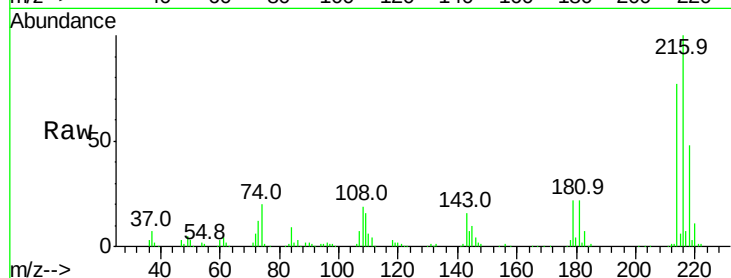
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.8 17.9 26.9

108 21.8 16.5 24.7

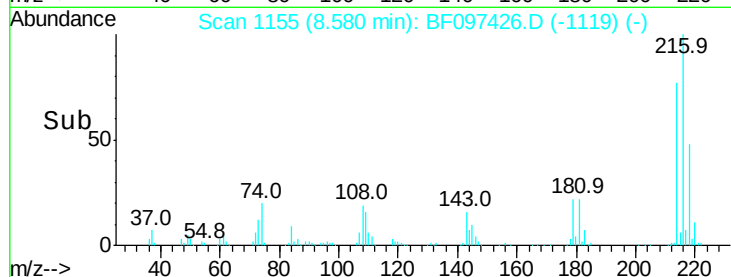


Abundance Ion 216.00 (215.70 to 216.70): E

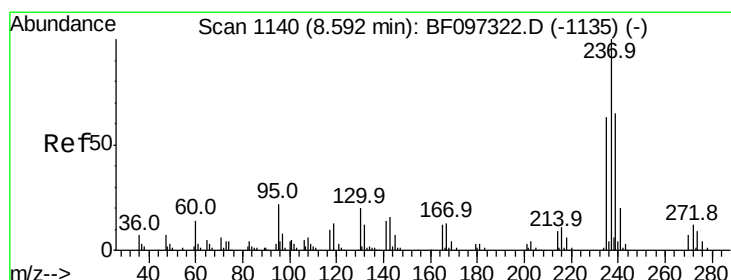
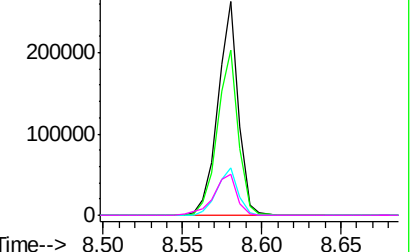
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.50 8.55 8.60 8.65



#40

Hexachlorocyclopentadiene

Concen: 45.734 ng

RT: 8.56 min Scan# 1152

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

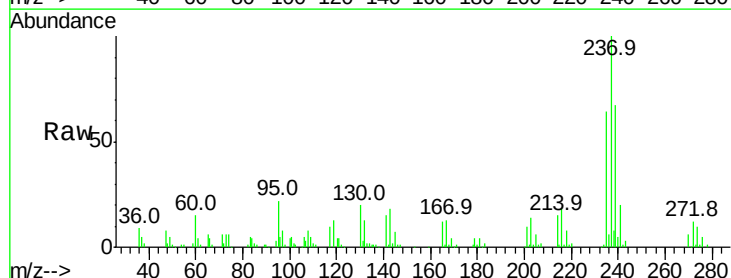
Tgt Ion:237 Resp: 79610

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

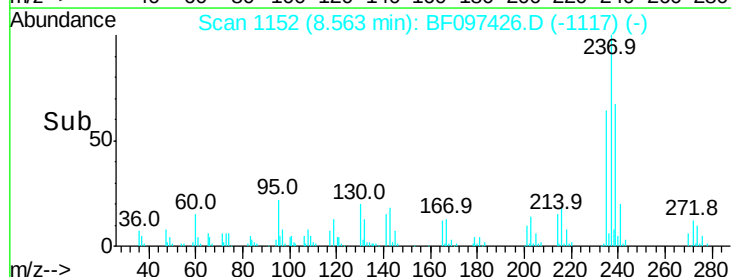
272 12.2 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

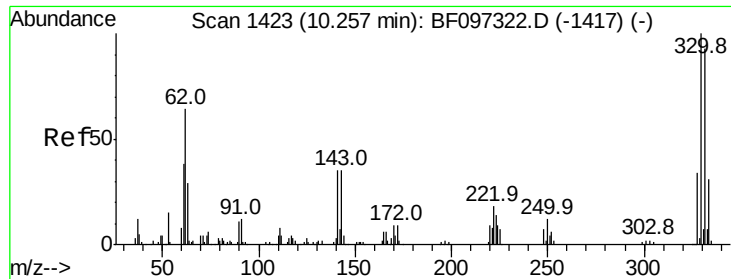
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.52 8.54 8.56 8.58 8.60

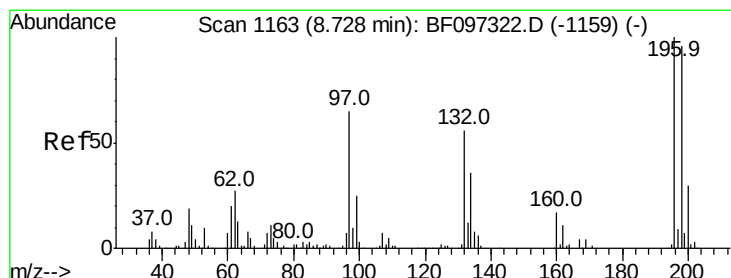
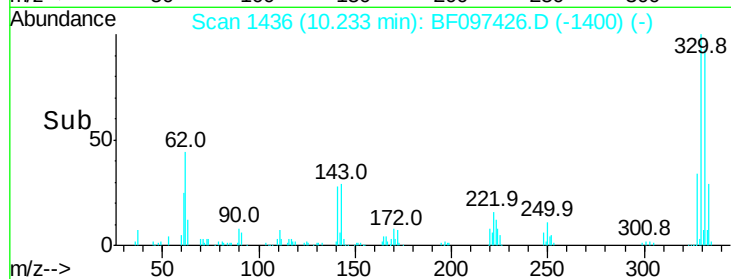
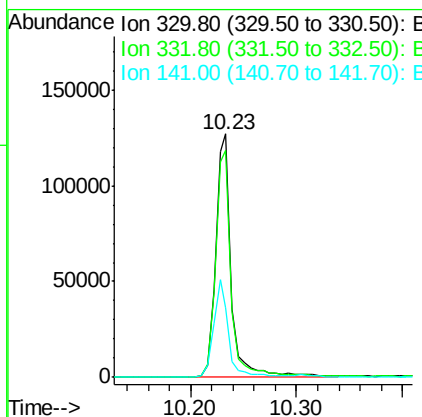
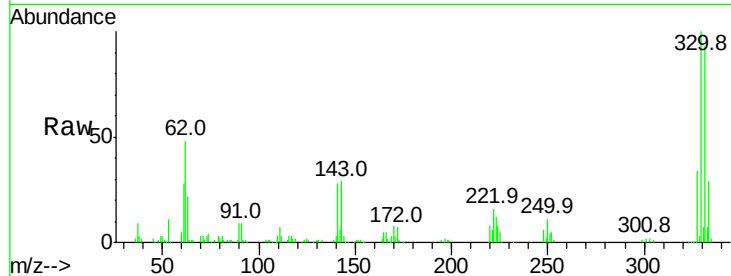




#41
 2,4,6-Tribromophenol
 Concen: 85.393 ng
 RT: 10.23 min Scan# 1436
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

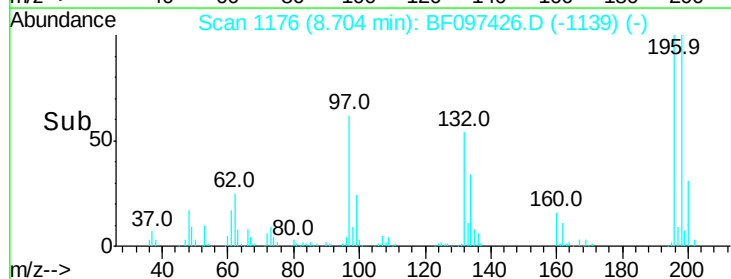
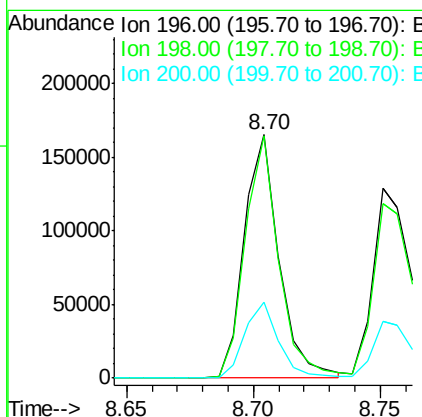
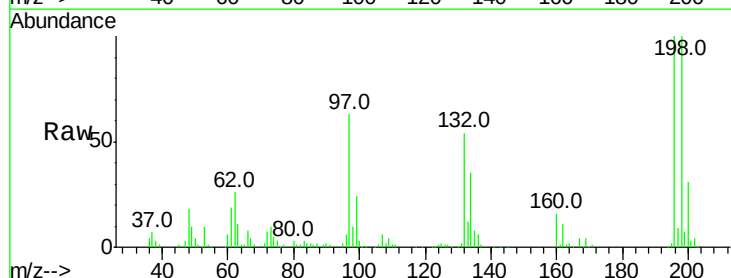
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

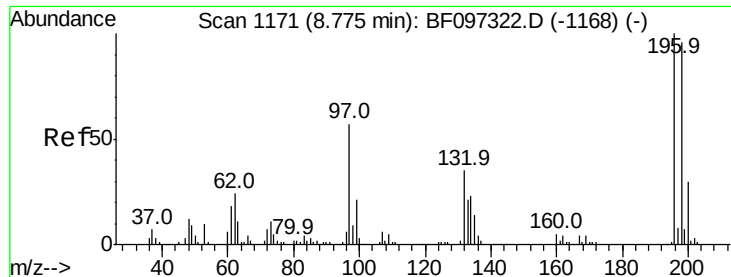
Tot Ion:330 Resp: 134948
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.948 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion:196 Resp: 158366
 Ion Ratio Lower Upper
 196 100
 198 99.7 74.2 111.4
 200 31.3 24.0 36.0





#43

2,4,5-Trichlorophenol

Concen: 42.446 ng

RT: 8.75 min Scan# 1184

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 164312

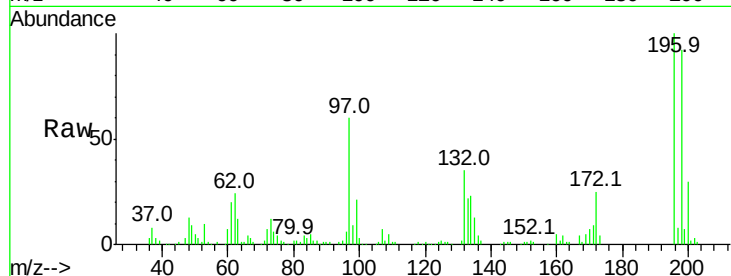
Ion Ratio Lower Upper

196 100

198 91.8 75.7 113.5

97 59.7 47.7 71.5

132 34.5 28.0 42.0

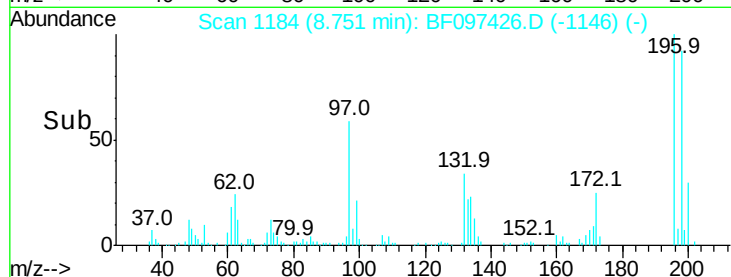


Abundance Ion 196.00 (195.70 to 196.70): E

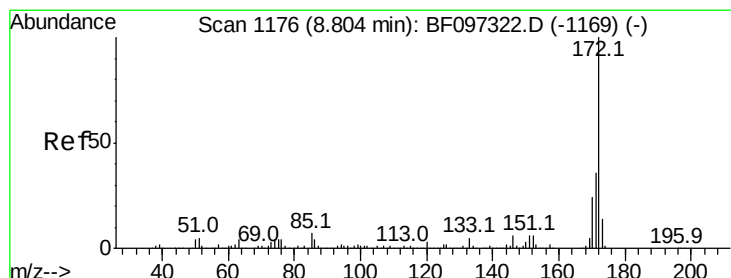
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 88.775 ng

RT: 8.77 min Scan# 1188

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

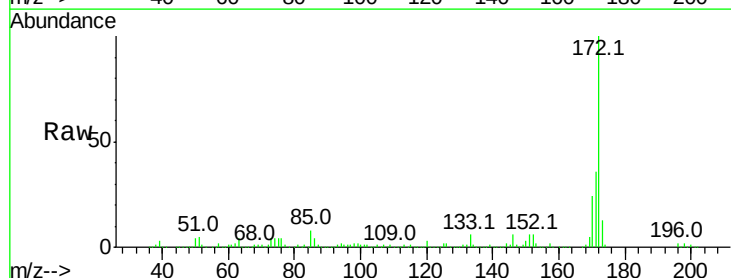
Tgt Ion:172 Resp: 1046280

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

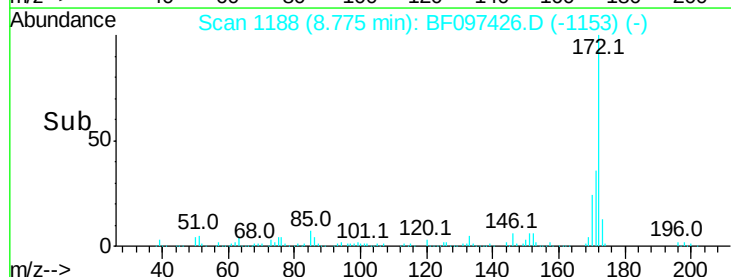
170 24.1 19.8 29.8



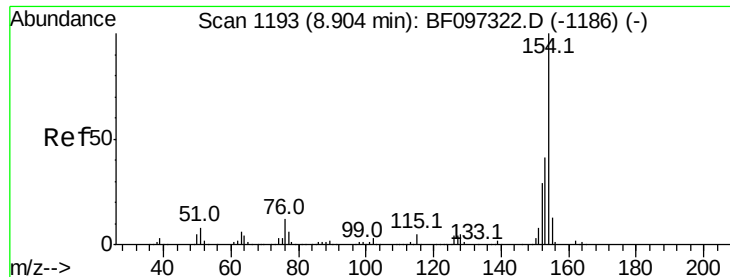
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



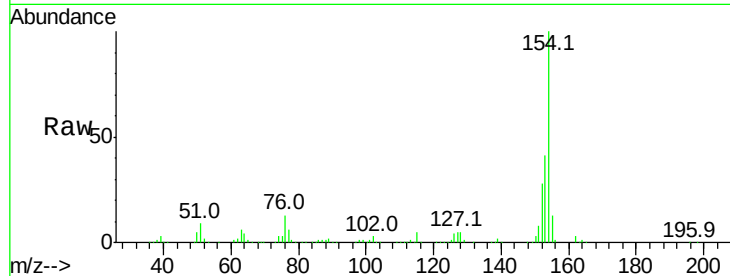
Time-->



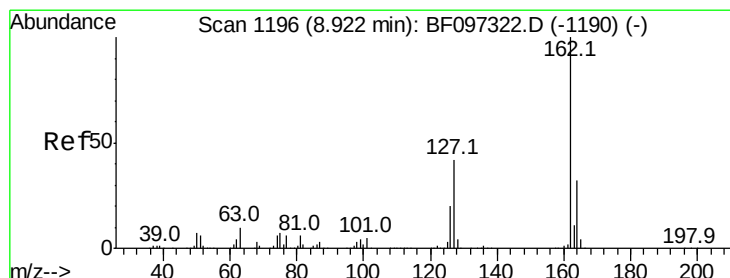
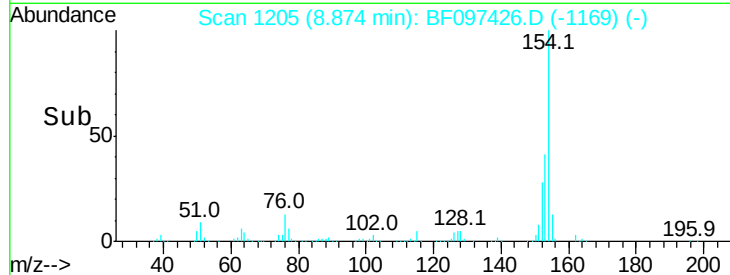
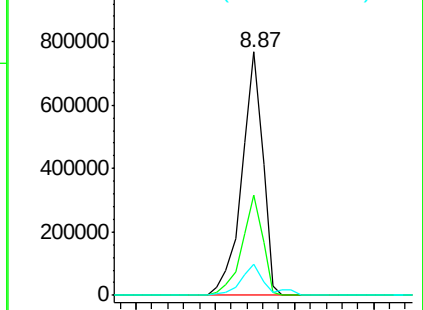
#45
 1,1'-Biphenyl
 Concen: 41.042 ng
 RT: 8.87 min Scan# 1205
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	12.8	0.0	29.9

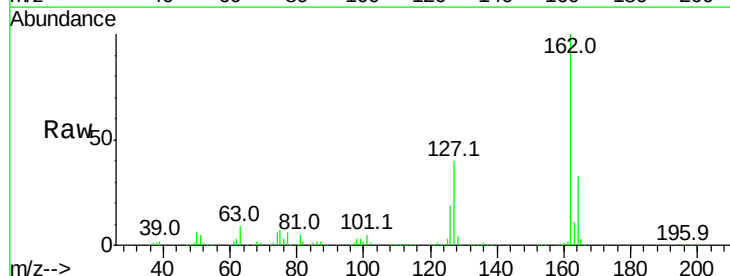


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

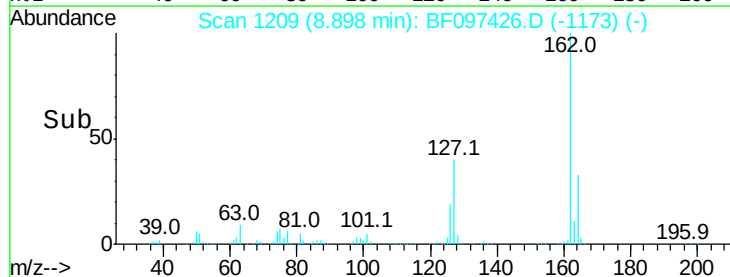
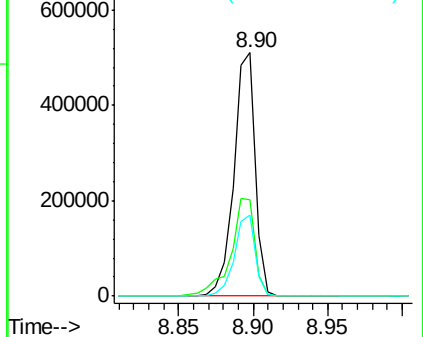


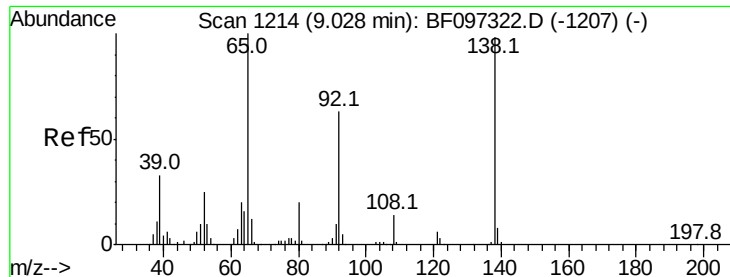
#46
 2-Chloronaphthalene
 Concen: 40.875 ng
 RT: 8.90 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.3	42.5
164	33.3	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

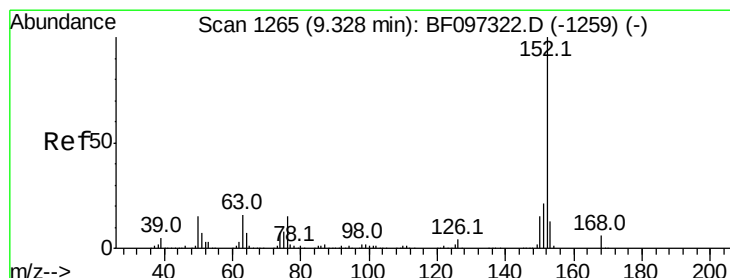
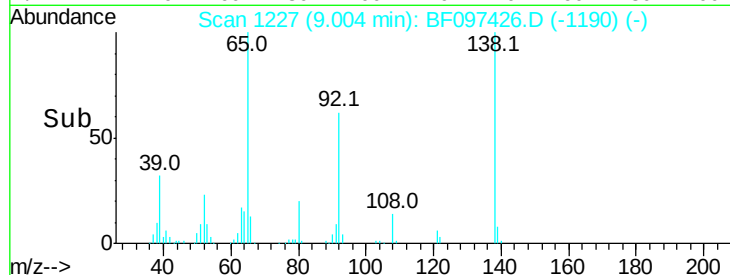
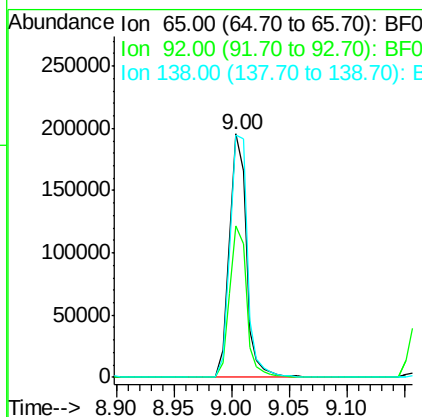
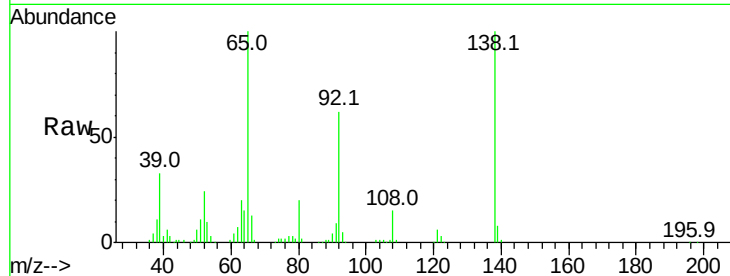




#47
 2-Nitroaniline
 Concen: 43.617 ng
 RT: 9.00 min Scan# 1227
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

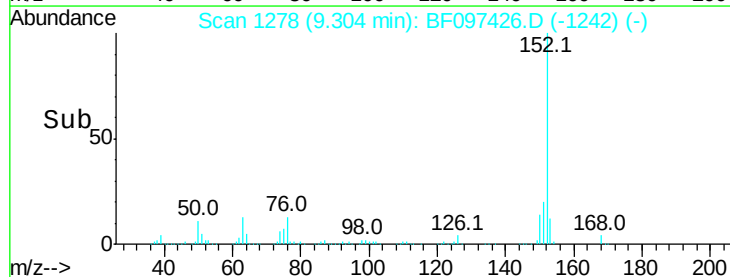
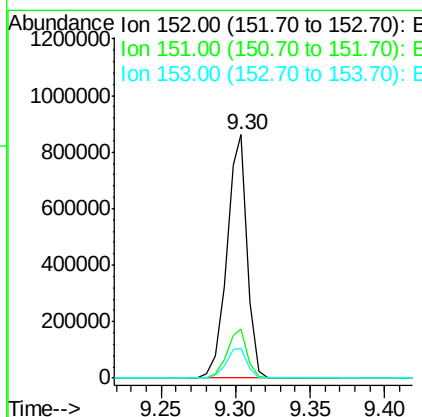
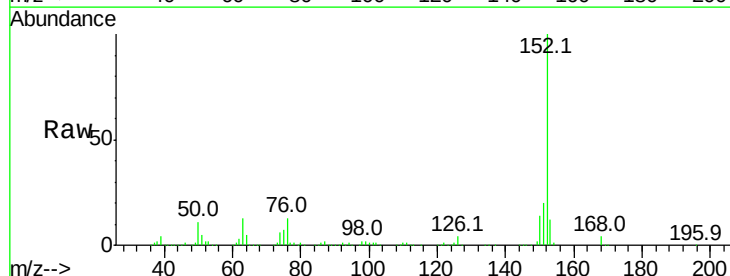
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

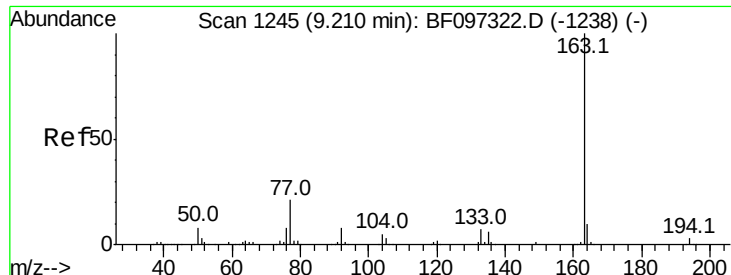
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	53.9	80.9
138	99.6	78.8	118.2



#48
 Acenaphthylene
 Concen: 42.709 ng
 RT: 9.30 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.5	10.8	16.2

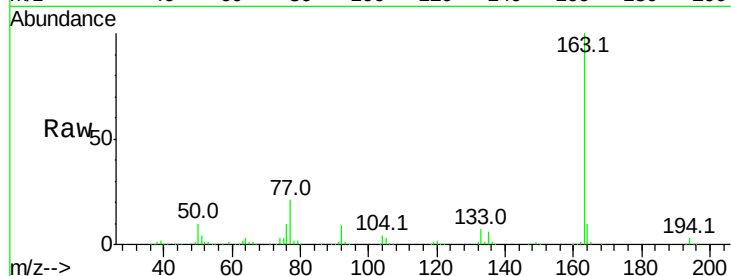




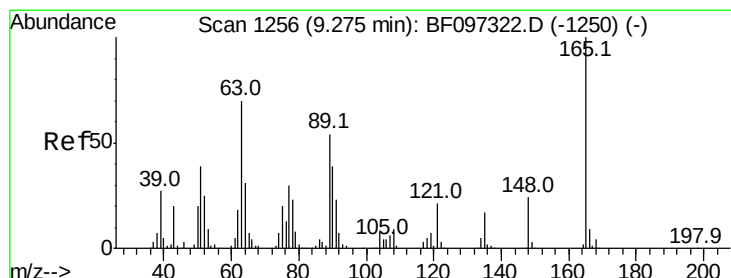
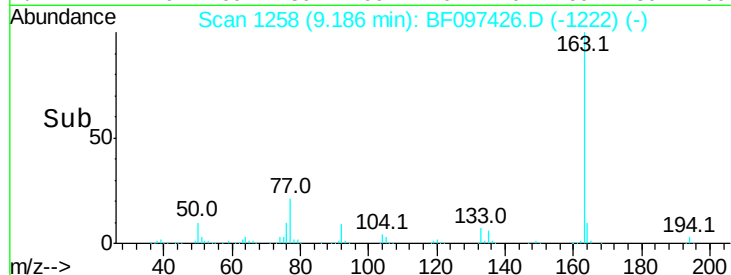
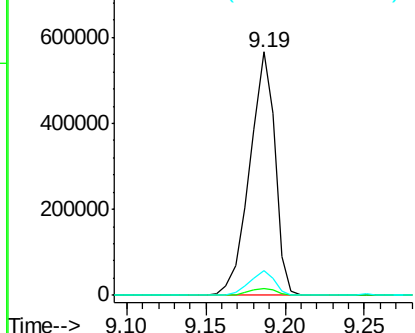
#49
Dimethylphthalate
Concen: 41.344 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 627962
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 8.4 12.6

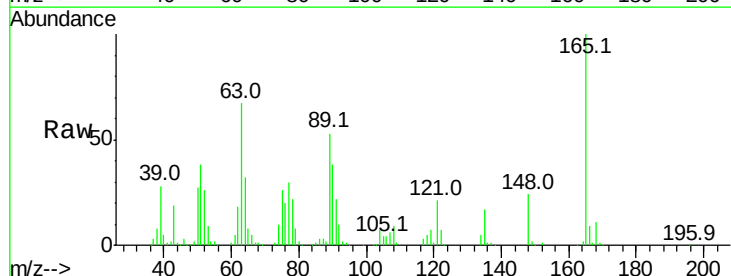


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

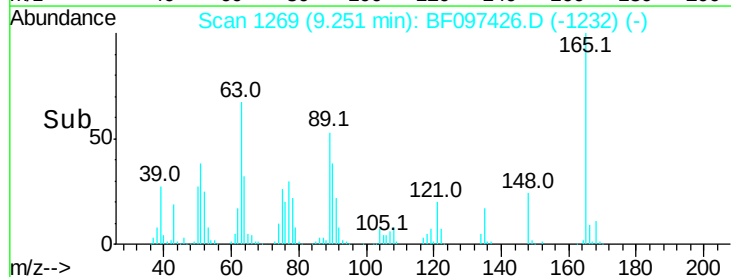
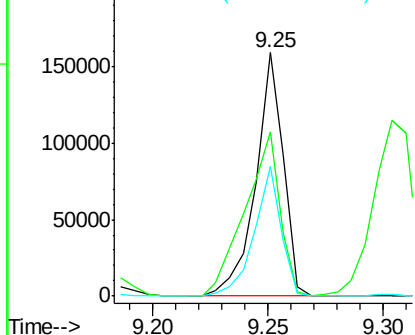


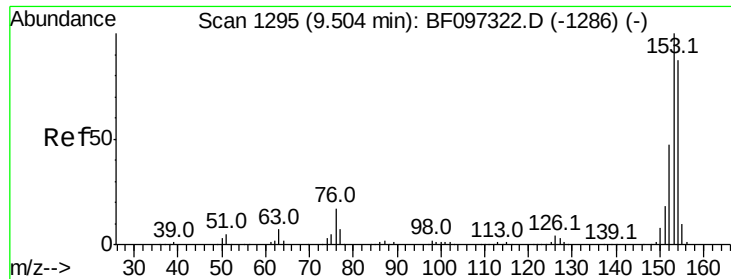
#50
2,6-Dinitrotoluene
Concen: 41.315 ng
RT: 9.25 min Scan# 1269
Delta R.T. -0.08 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:165 Resp: 133093
Ion Ratio Lower Upper
165 100
63 67.2 34.3 51.5#
89 53.3 37.1 55.7



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





#51

Acenaphthene

Concen: 40.873 ng

RT: 9.47 min Scan# 1307

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

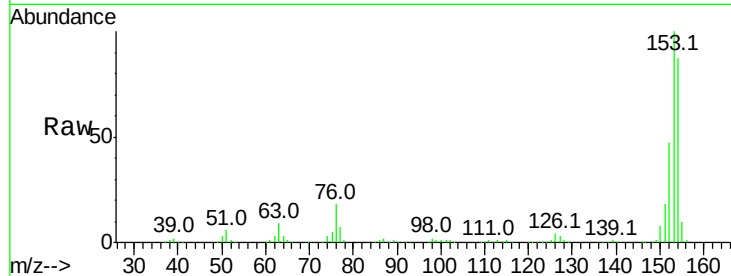
Tot Ion:154 Resp: 464587

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

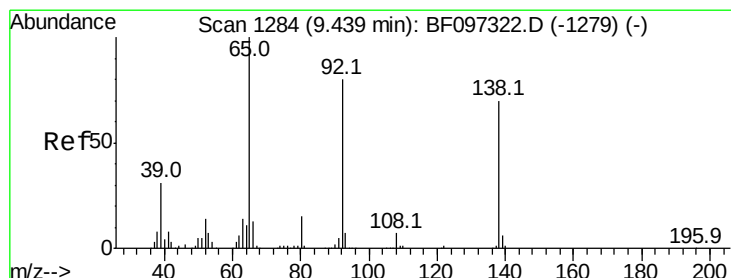
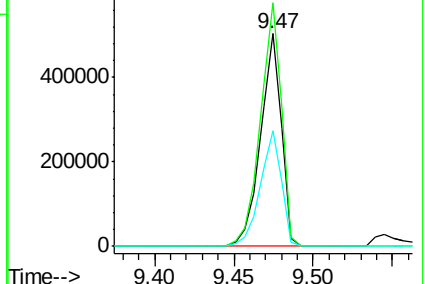
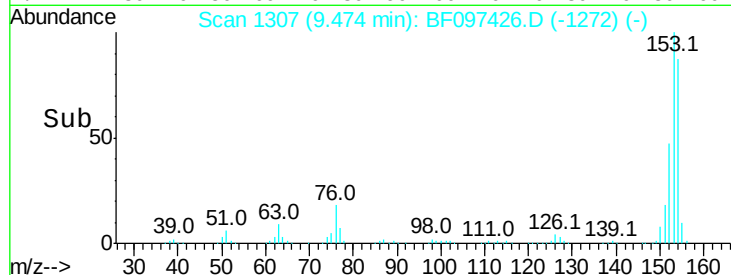
152 54.5 43.6 65.4



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: 40.888 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

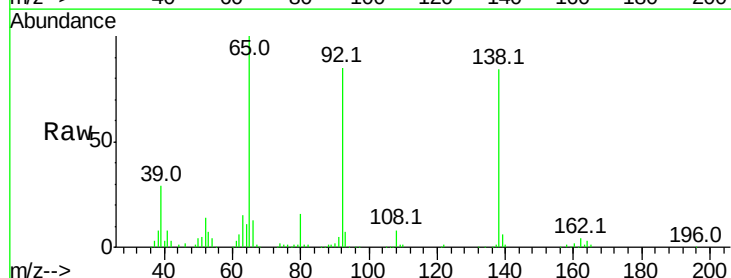
Tgt Ion:138 Resp: 163496

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

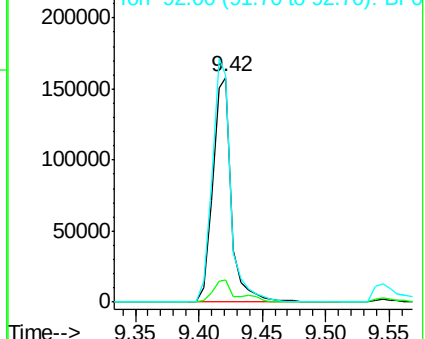
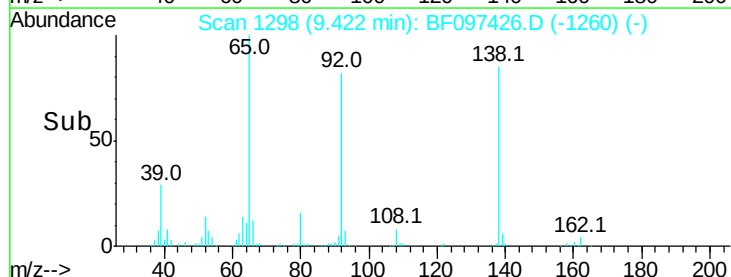
92 100.8 93.8 140.6

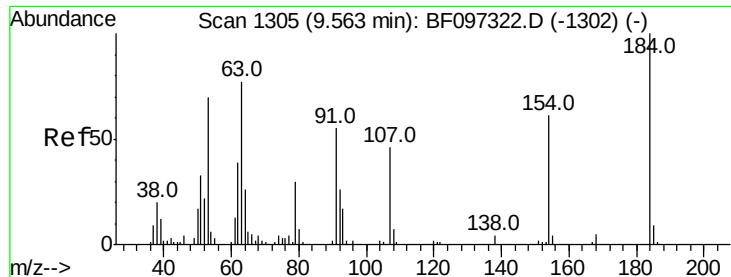


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 49.681 ng

RT: 9.55 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

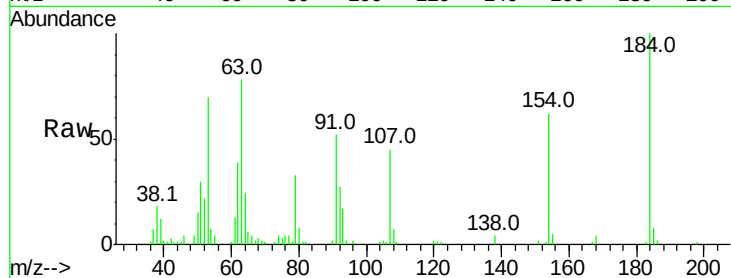
Tot Ion:184 Resp: 72770

Ion Ratio Lower Upper

184 100

63 77.6 62.7 94.1

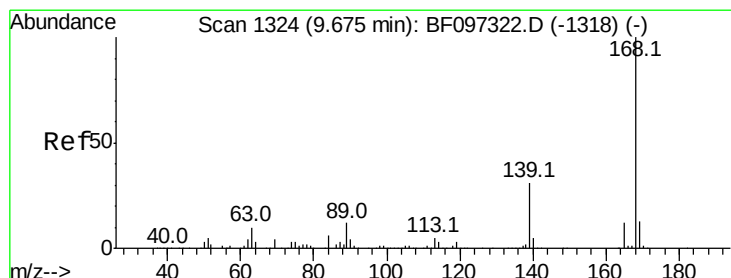
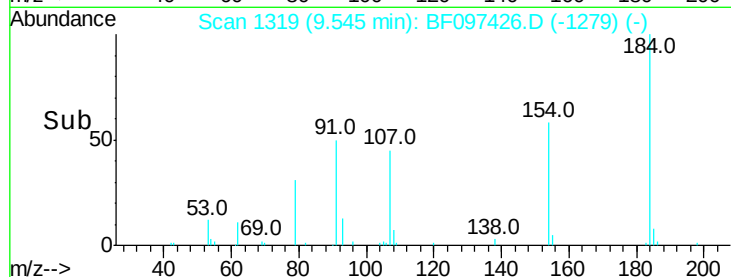
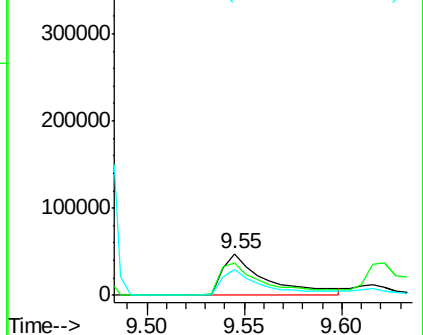
154 62.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.099 ng

RT: 9.65 min Scan# 1336

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

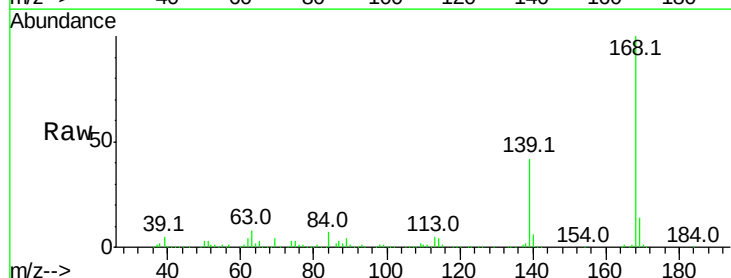
Tgt Ion:168 Resp: 637382

Ion Ratio Lower Upper

168 100

139 41.9 30.6 45.8

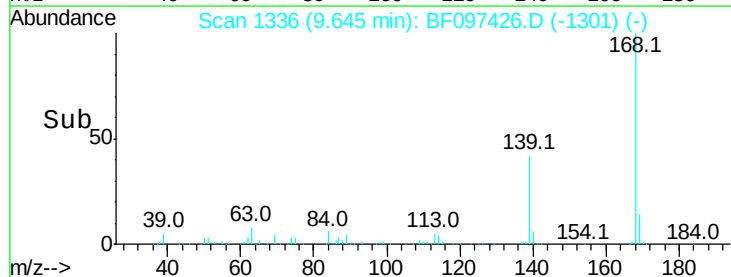
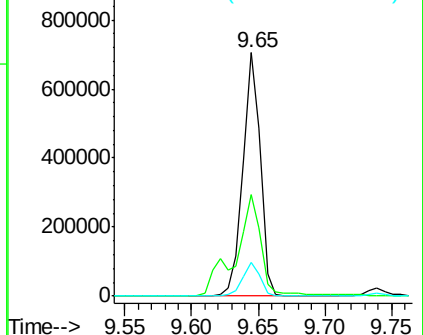
169 13.7 10.8 16.2

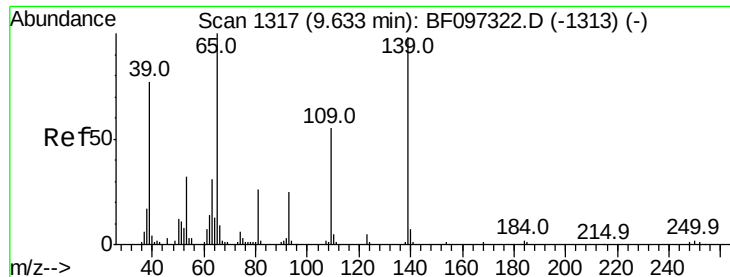


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 171.205 ng

RT: 9.65 min Scan# 1336

Delta R.T. -0.04 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

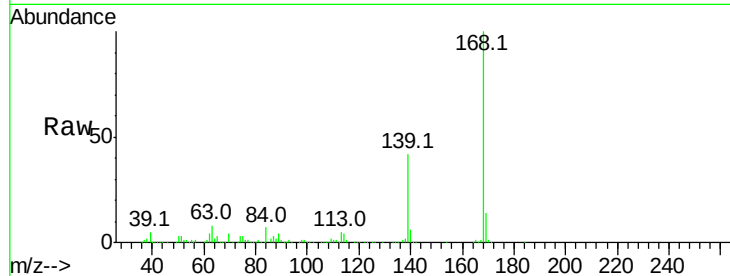
Tot Ion:139 Resp: 407111

Ion Ratio Lower Upper

139 100

109 4.1 34.1 74.1#

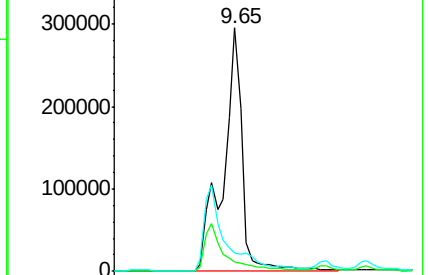
65 7.7 31.4 71.4#



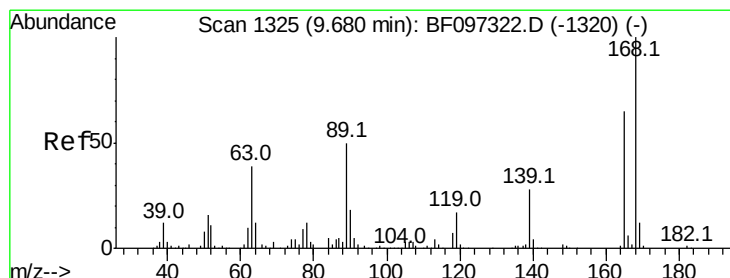
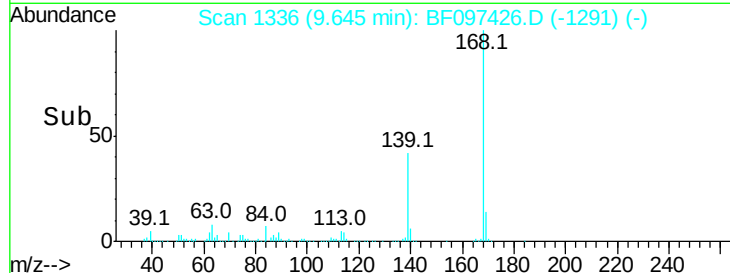
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 45.951 ng

RT: 9.66 min Scan# 1339

Delta R.T. -0.07 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Tgt Ion:165 Resp: 170171

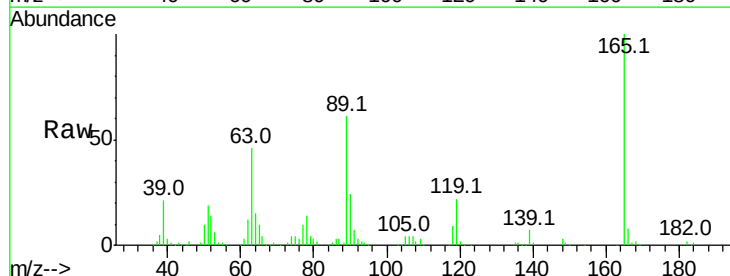
Ion Ratio Lower Upper

165 100

63 46.4 25.4 38.0#

89 61.1 46.4 69.6

182 2.1 1.8 2.6

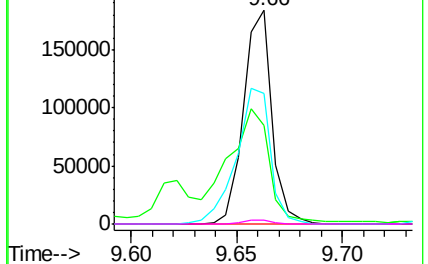


Abundance Ion 165.00 (164.70 to 165.70): E

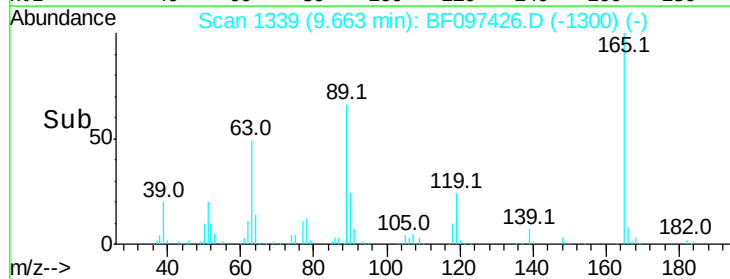
Ion 63.00 (62.70 to 63.70): BF0

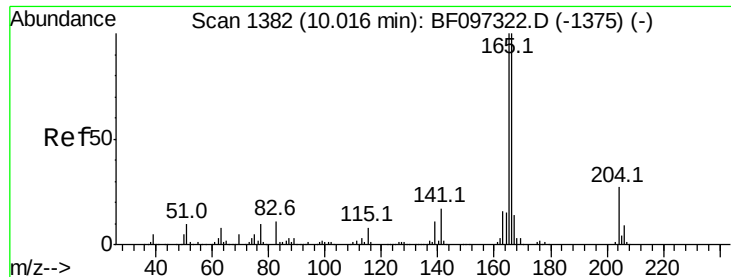
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 45.501 ng

RT: 9.99 min Scan# 1395

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

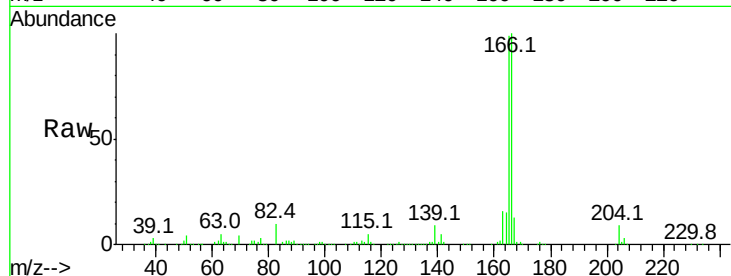
Tot Ion:166 Resp: 517768

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

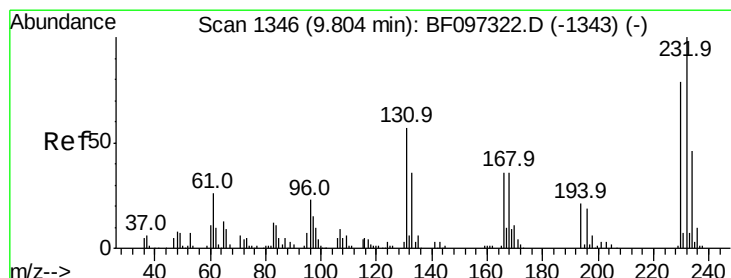
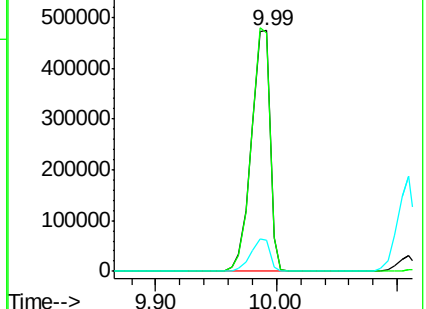
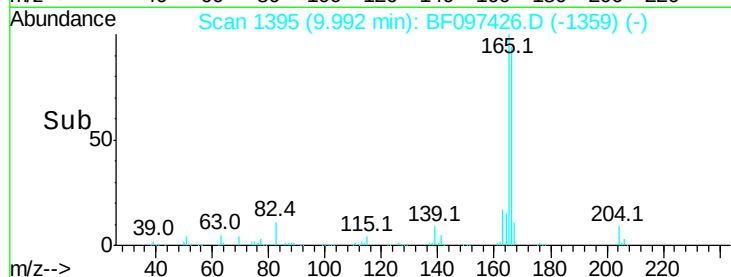
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.070 ng

RT: 9.78 min Scan# 1359

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Tgt Ion:232 Resp: 109774

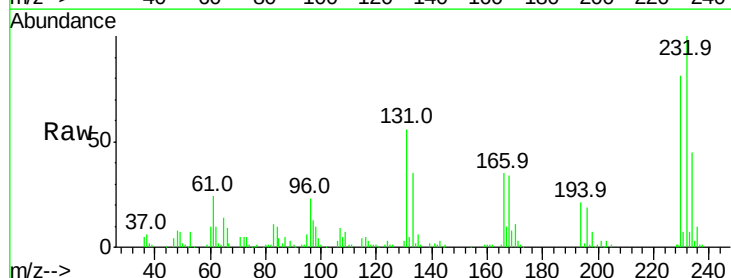
Ion Ratio Lower Upper

232 100

131 54.9 44.8 67.2

130 2.6 2.3 3.5

166 31.2 29.0 43.4

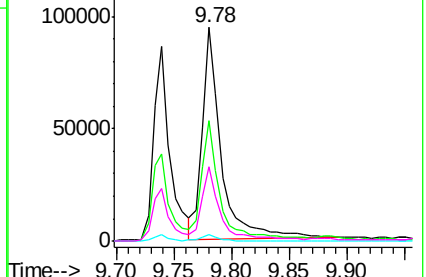
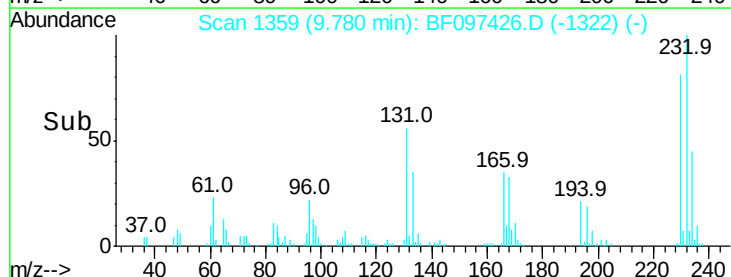


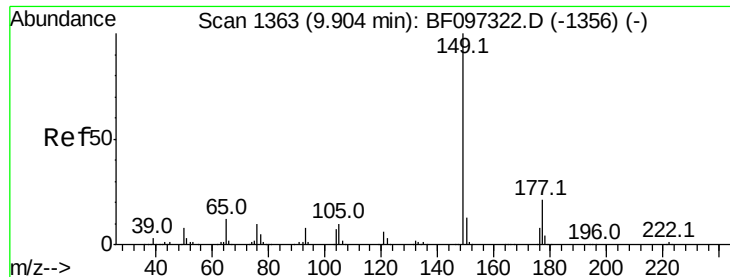
Abundance Ion 232.00 (231.70 to 232.70): E

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

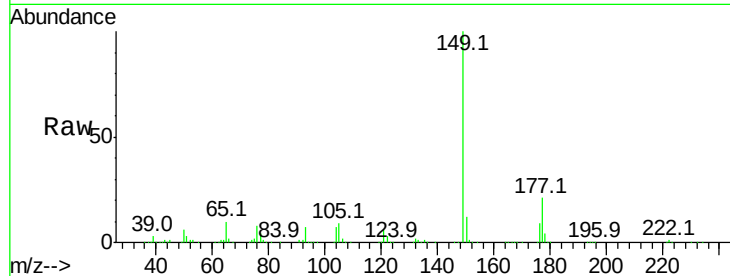




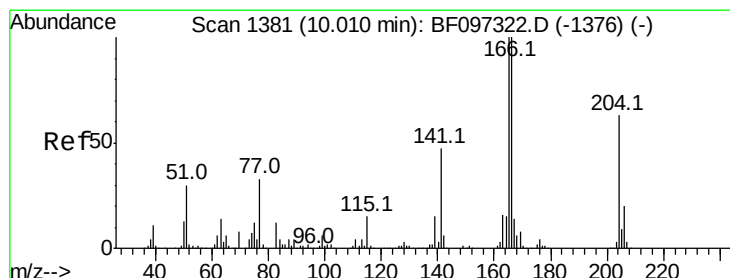
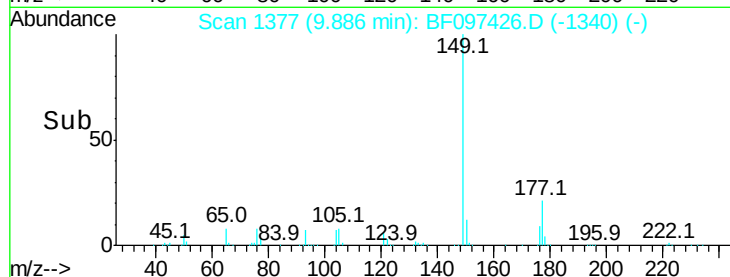
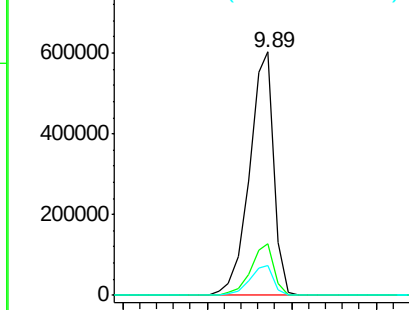
#59
Diethylphthalate
Concen: 43.335 ng
RT: 9.89 min Scan# 1377
Delta R.T. -0.08 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.4	10.2	15.2

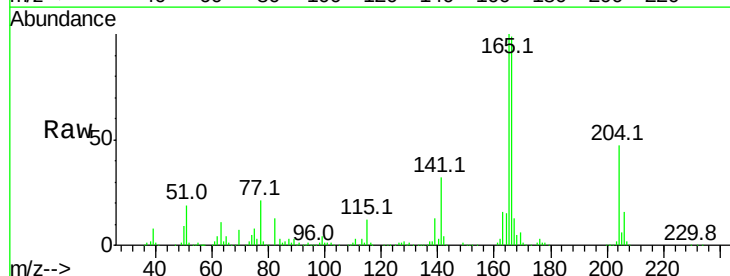


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

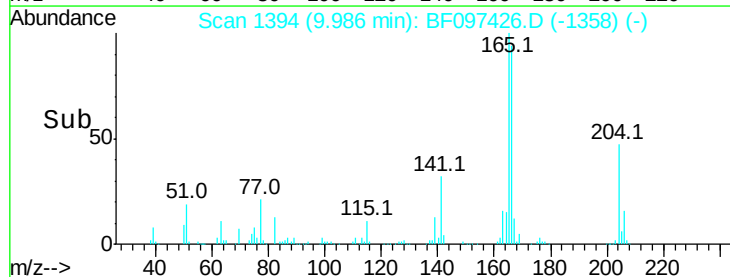
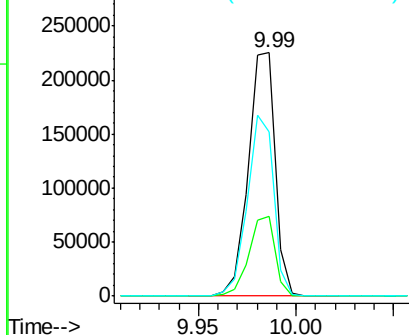


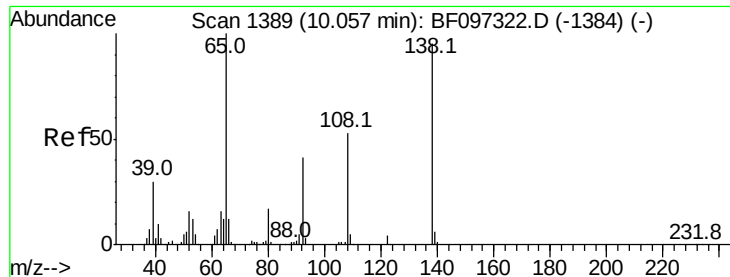
#60
4-Chlorophenyl-phenylether
Concen: 45.929 ng
RT: 9.99 min Scan# 1394
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	67.7	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: 43.133 ng

RT: 10.03 min Scan# 1402

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

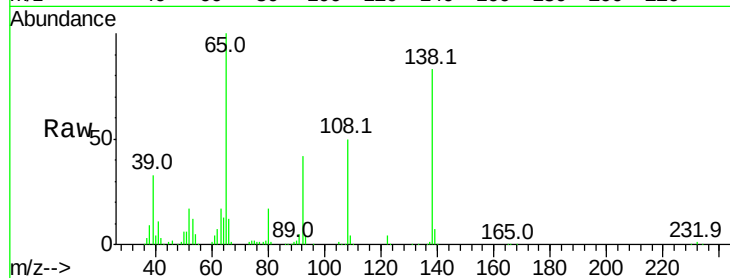
Tot Ion:138 Resp: 163882

Ion Ratio Lower Upper

138 100

92 50.4 21.8 61.8

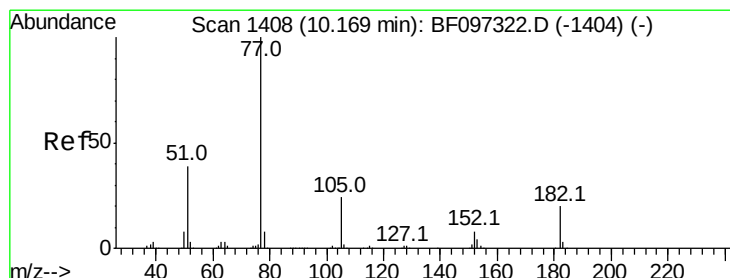
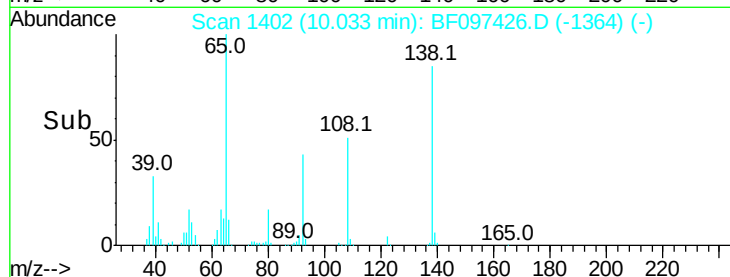
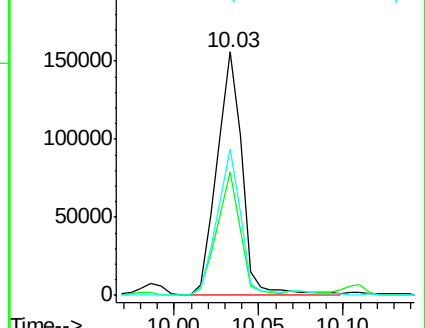
108 59.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.275 ng

RT: 10.15 min Scan# 1421

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Tgt Ion: 77 Resp: 546493

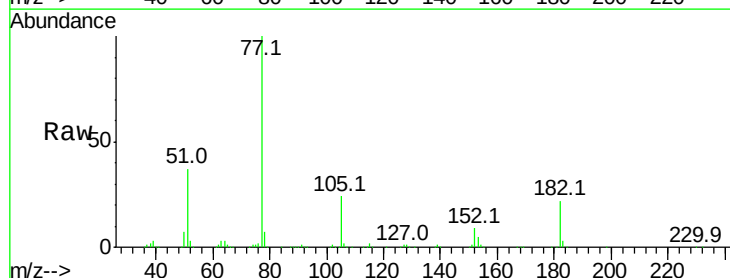
Ion Ratio Lower Upper

77 100

182 22.1 0.1 40.1

105 24.4 3.6 43.6

51 37.3 9.4 49.4

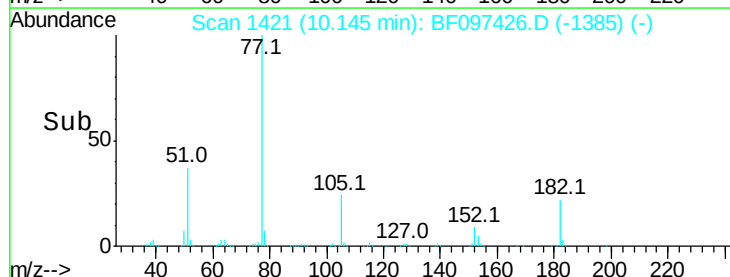
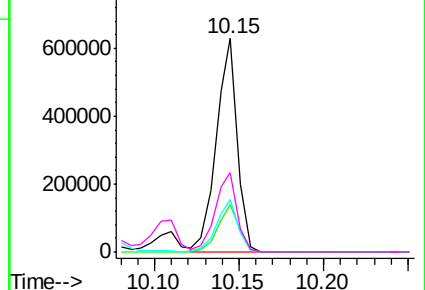


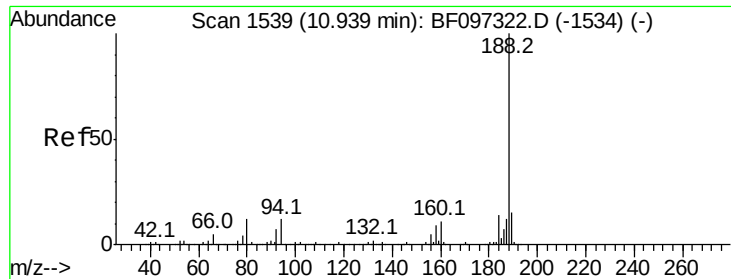
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

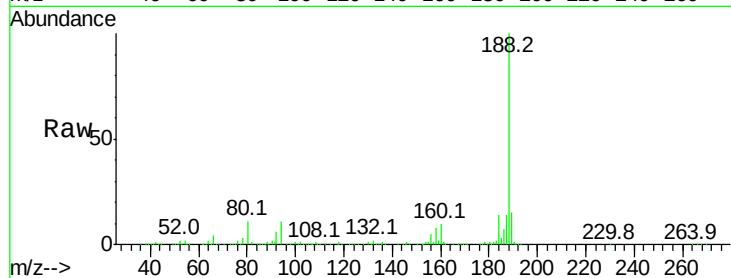




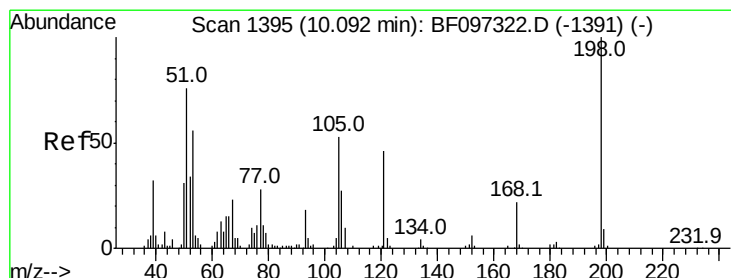
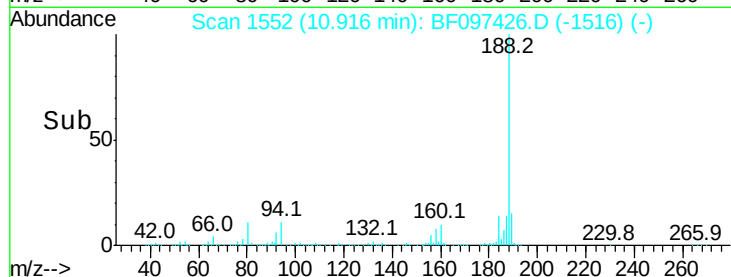
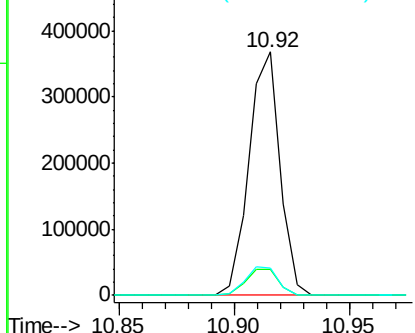
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1552
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 346690
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.2 10.2 15.2

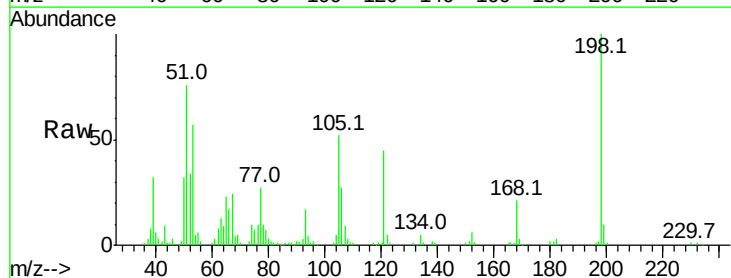


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

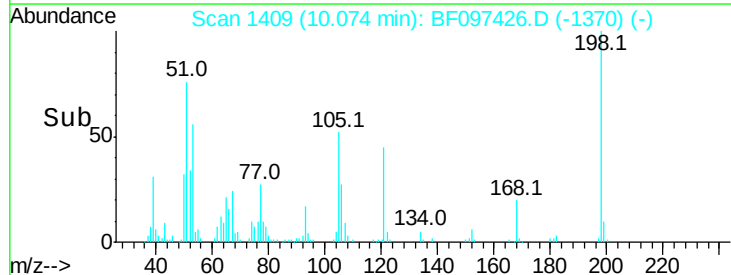
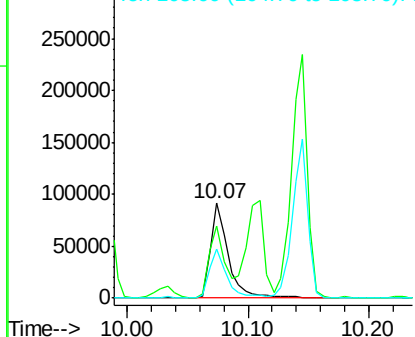


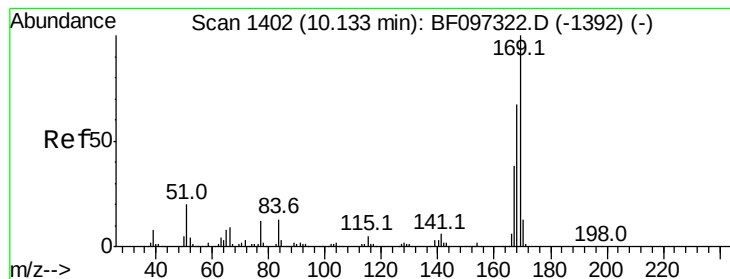
#64
4,6-Dinitro-2-methylphenol
Concen: 43.298 ng
RT: 10.07 min Scan# 1409
Delta R.T. -0.07 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:198 Resp: 93278
Ion Ratio Lower Upper
198 100
51 76.2 53.2 93.2
105 52.1 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 39.845 ng

RT: 10.11 min Scan# 1415

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

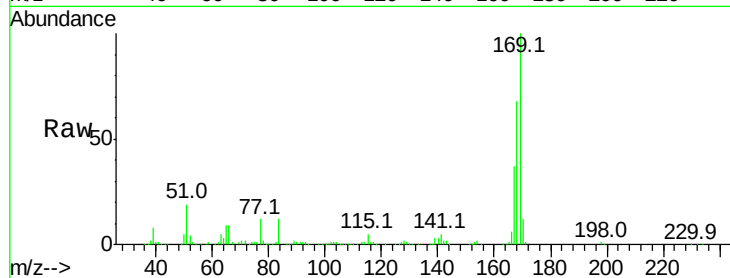
Tot Ion:169 Resp: 480635

Ion Ratio Lower Upper

169 100

168 68.0 53.2 79.8

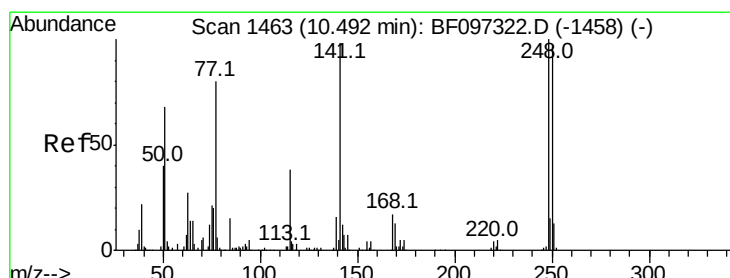
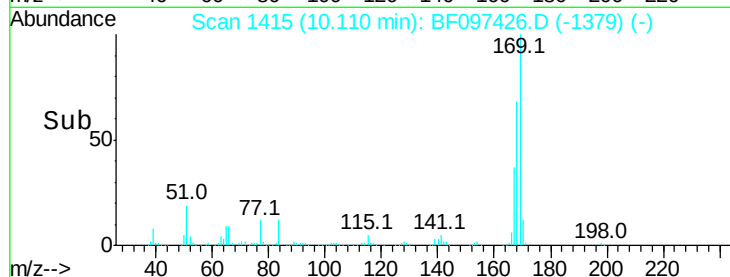
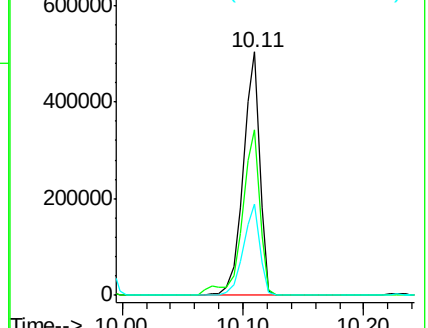
167 37.4 29.5 44.3



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: 41.807 ng

RT: 10.47 min Scan# 1476

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

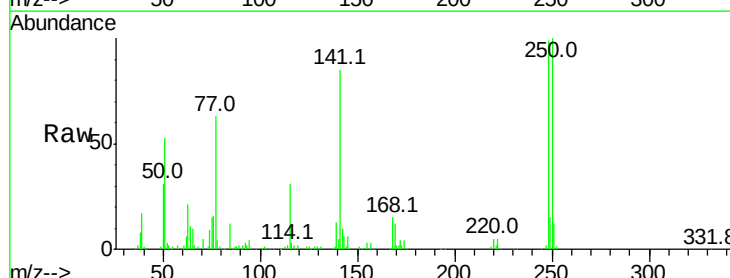
Tgt Ion:248 Resp: 144645

Ion Ratio Lower Upper

248 100

250 101.0 76.8 115.2

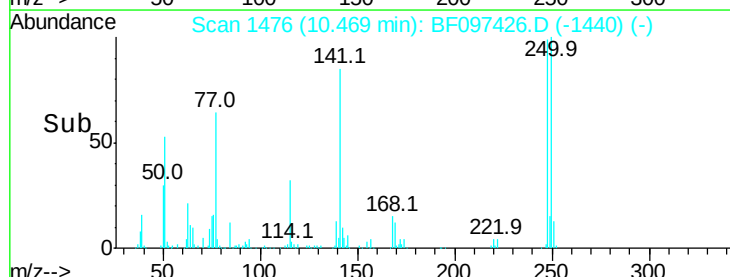
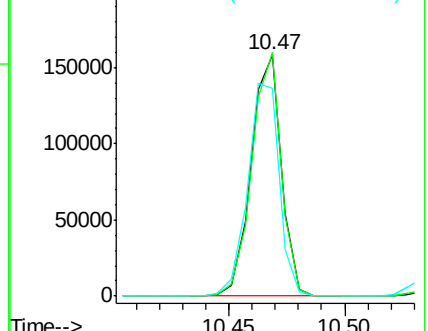
141 86.1 68.6 103.0

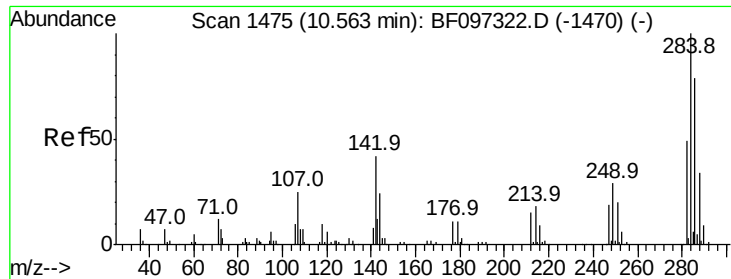


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.400 ng

RT: 10.54 min Scan# 1488

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

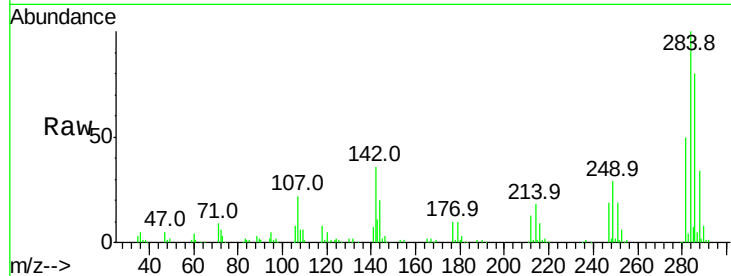
Tot Ion:284 Resp: 152868

Ion Ratio Lower Upper

284 100

142 35.9 22.8 34.2#

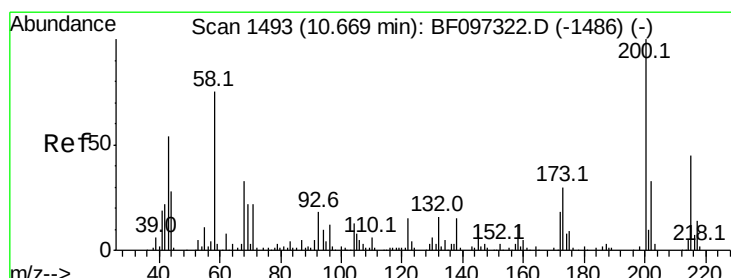
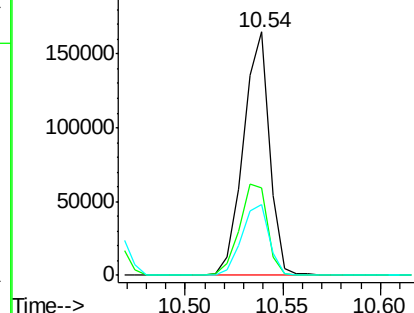
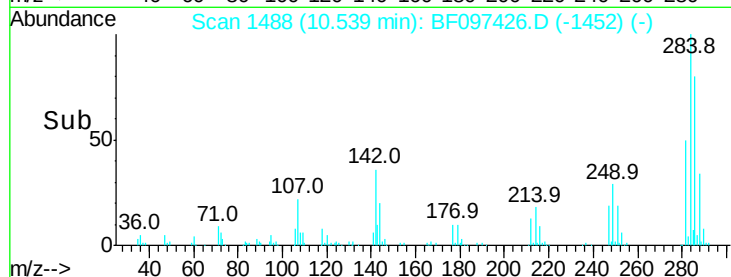
249 29.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.895 ng

RT: 10.64 min Scan# 1506

Delta R.T. -0.08 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

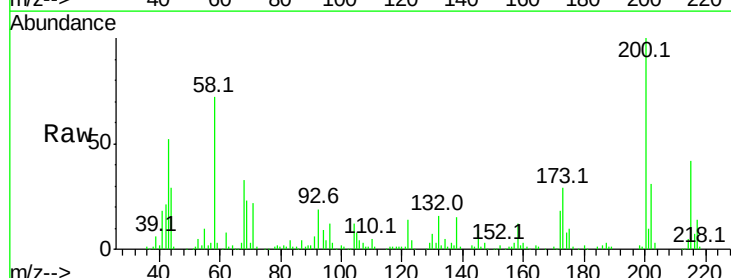
Tgt Ion:200 Resp: 134540

Ion Ratio Lower Upper

200 100

173 28.8 6.3 46.3

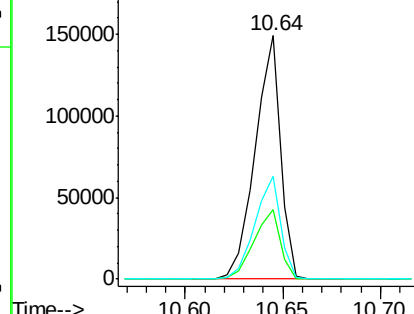
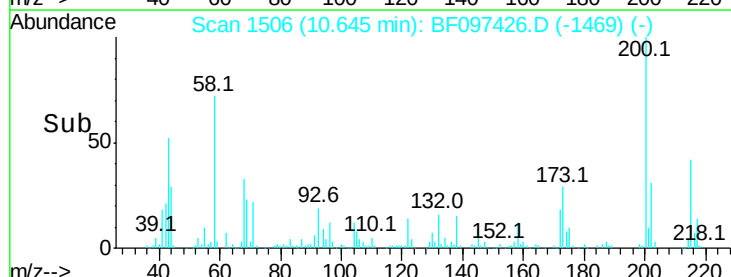
215 42.1 27.2 67.2

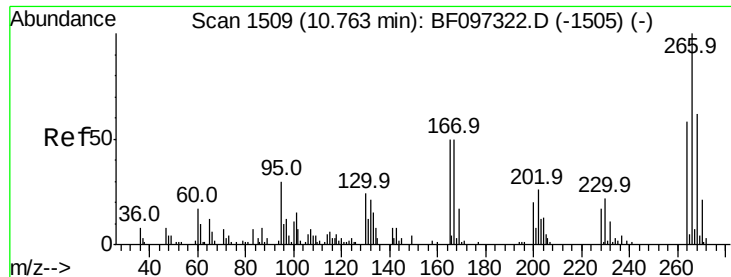


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

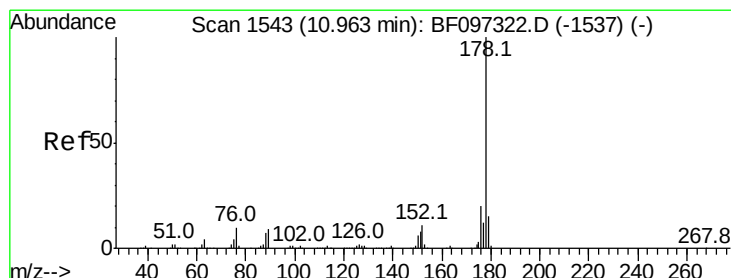
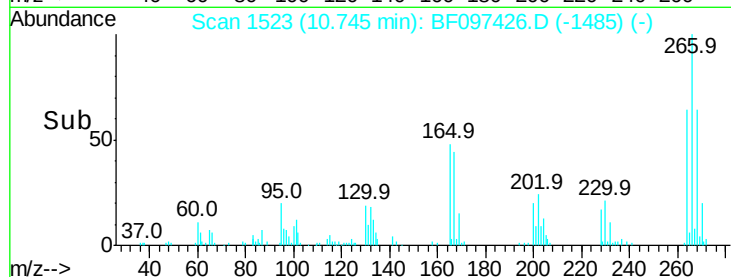
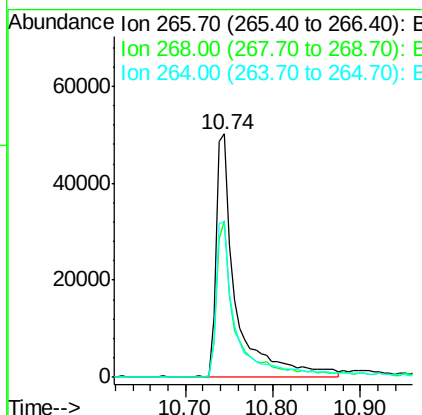
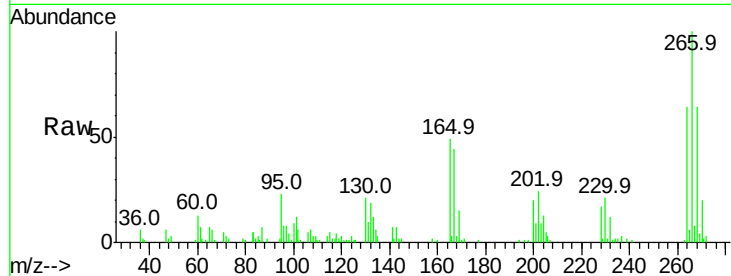




#69
 Pentachlorophenol
 Concen: 49.162 ng
 RT: 10.74 min Scan# 1523
 Delta R.T. -0.08 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

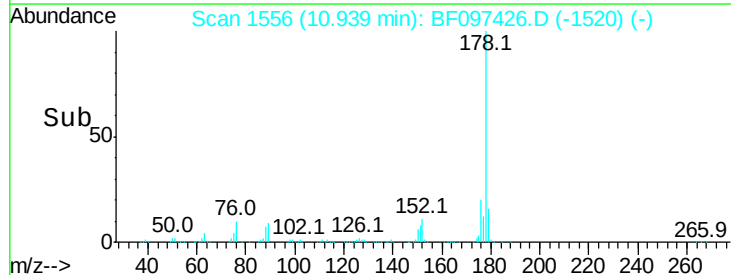
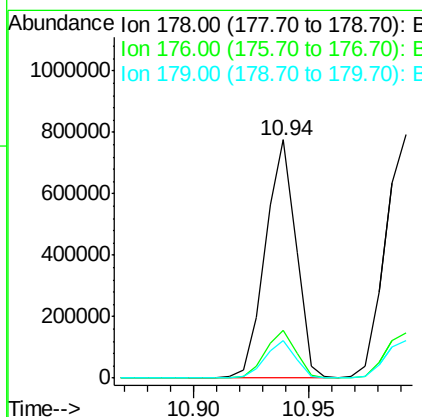
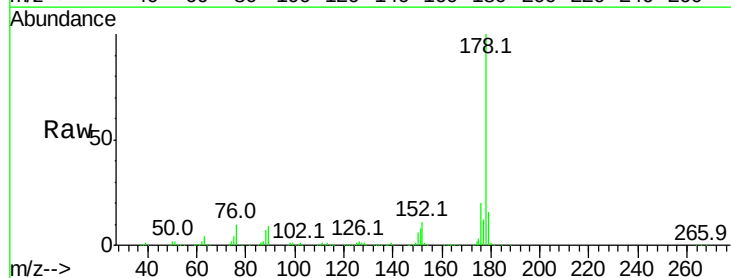
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

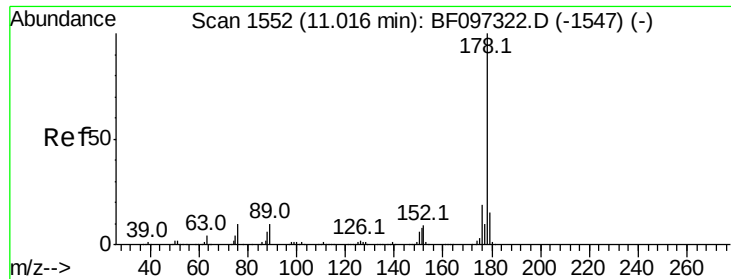
Tot Ion:266 Resp: 78921
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 63.6 51.7 77.5



#70
 Phenanthrene
 Concen: 38.416 ng
 RT: 10.94 min Scan# 1556
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion:178 Resp: 713606
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.6 12.6 19.0

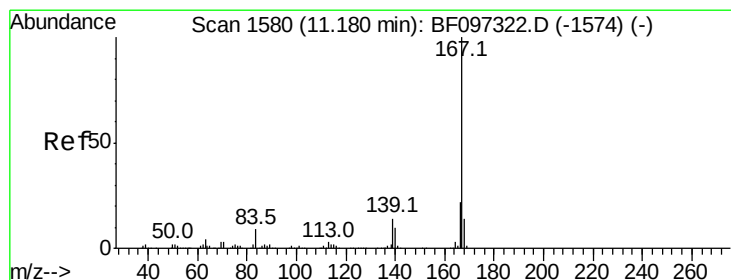
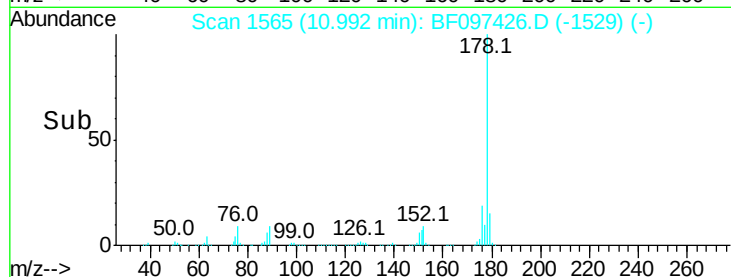
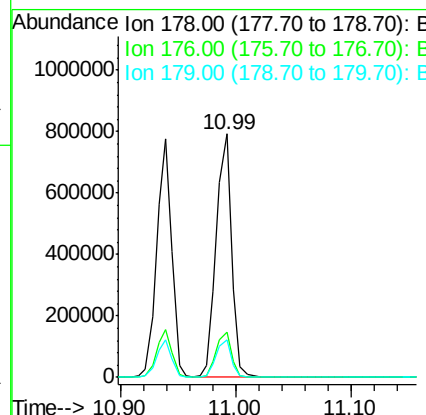
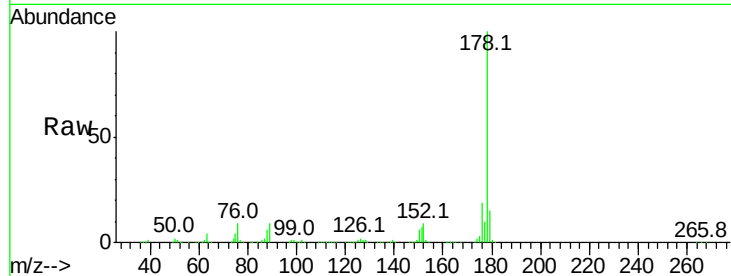




#71
 Anthracene
 Concen: 38.784 ng
 RT: 10.99 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

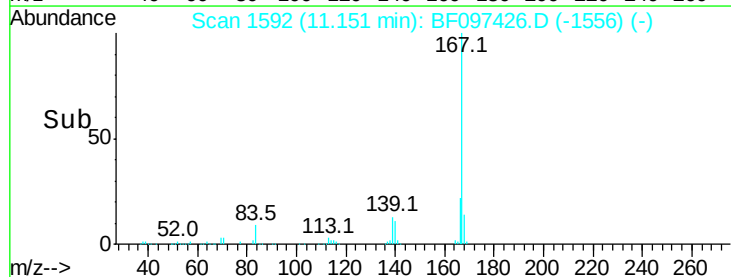
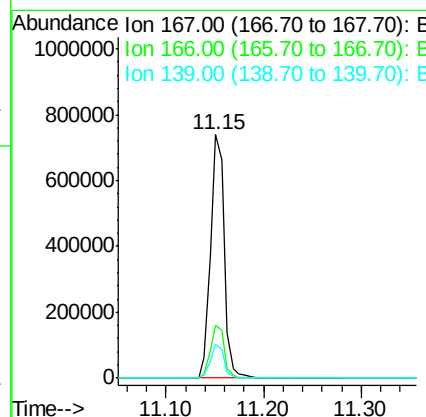
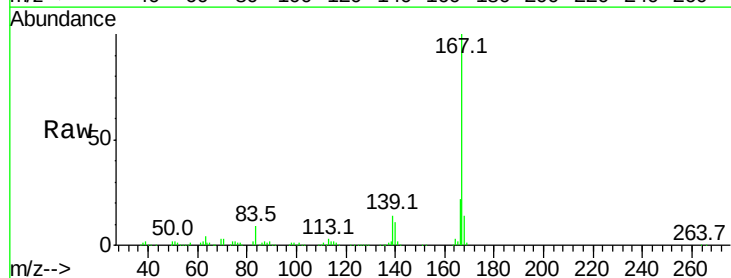
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

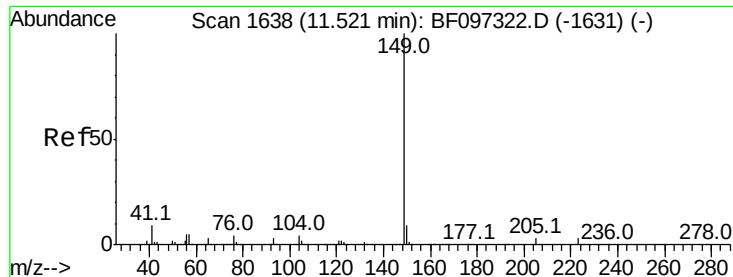
Tot Ion:178 Resp: 737898
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 38.704 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion:167 Resp: 724193
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.738 ng

RT: 11.49 min Scan# 1650

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

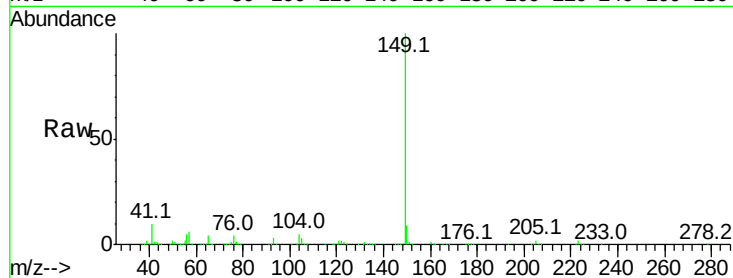
Tot Ion:149 Resp: 942244

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

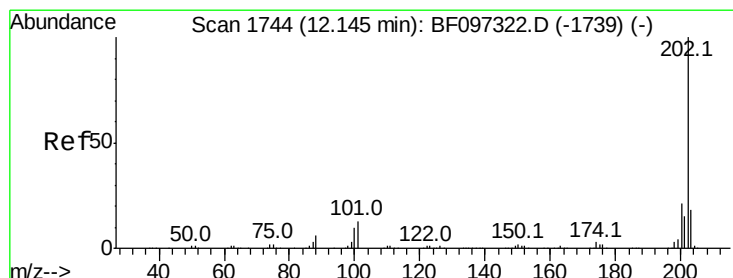
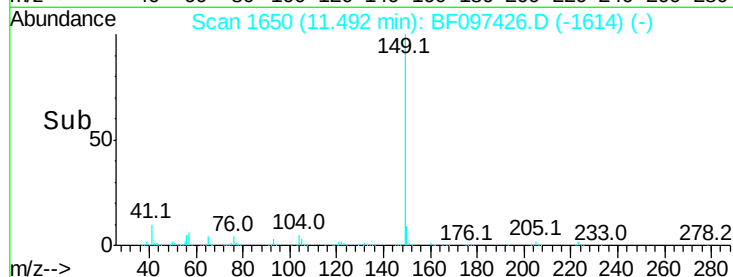
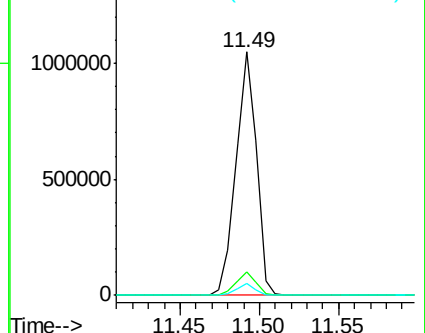
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.920 ng

RT: 12.12 min Scan# 1756

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

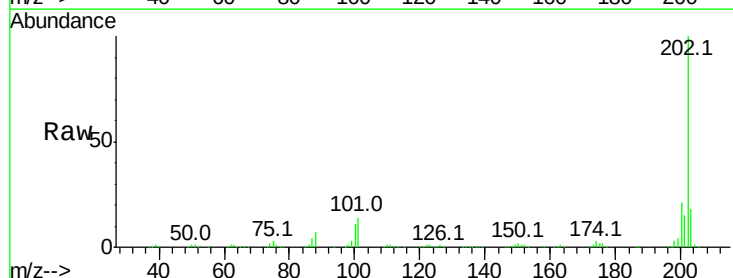
Tgt Ion:202 Resp: 690060

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

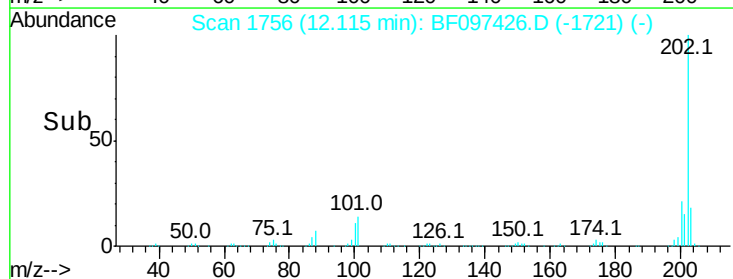
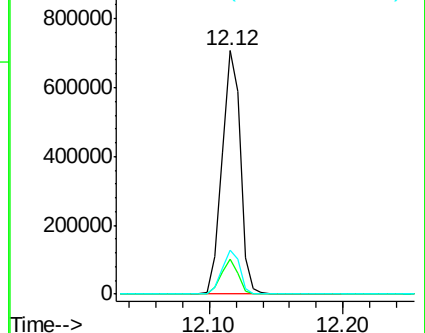
203 18.2 0.0 38.1

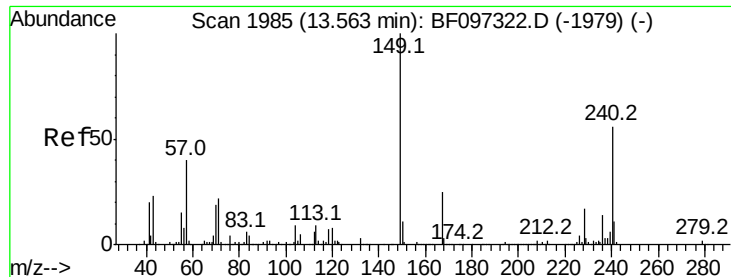


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

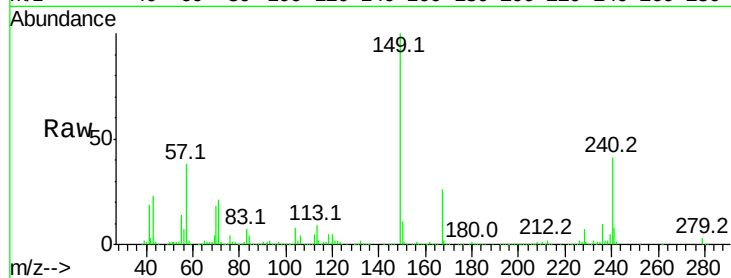
Tot Ion:240 Resp: 202552

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

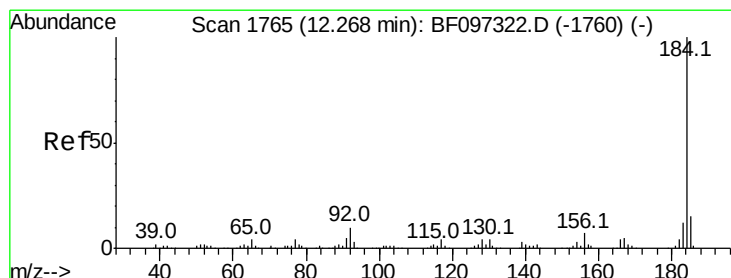
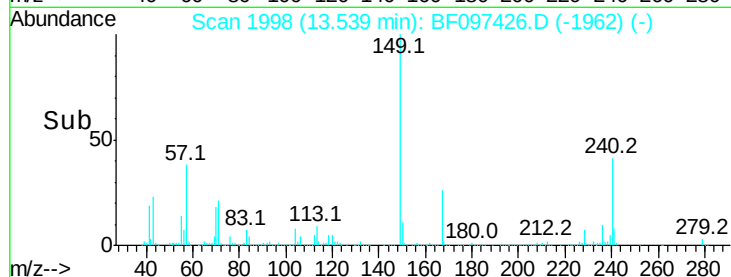
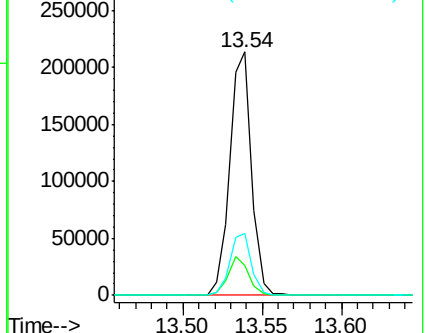
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.468 ng

RT: 12.24 min Scan# 1778

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

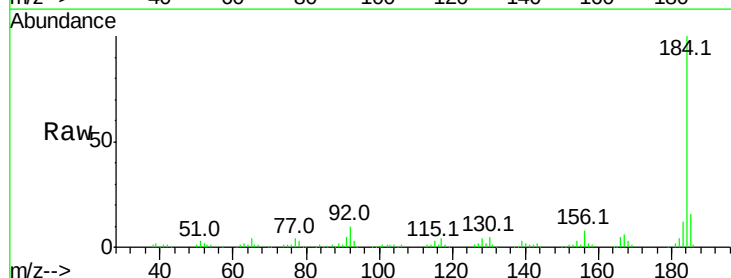
Tgt Ion:184 Resp: 221475

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

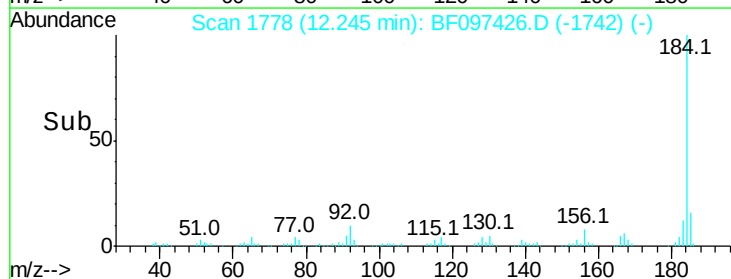
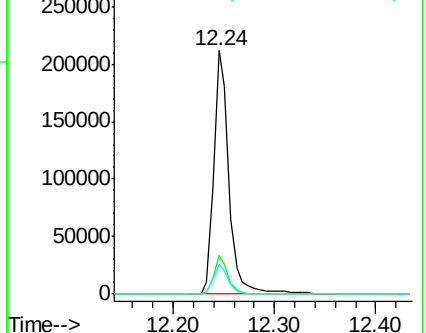
183 12.3 9.8 14.6

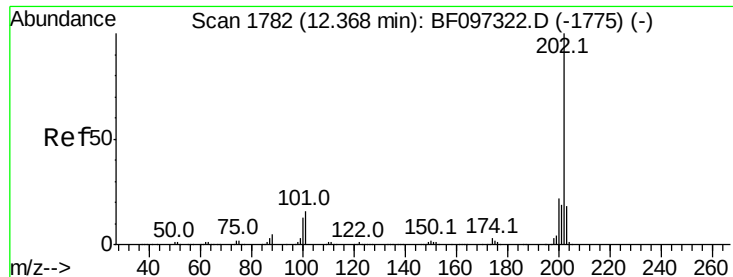


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.180 ng

RT: 12.34 min Scan# 1794

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

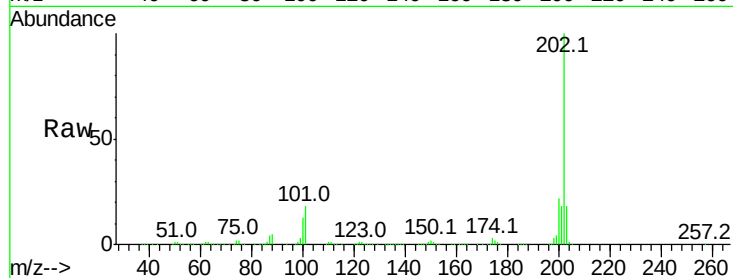
Tot Ion:202 Resp: 732601

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

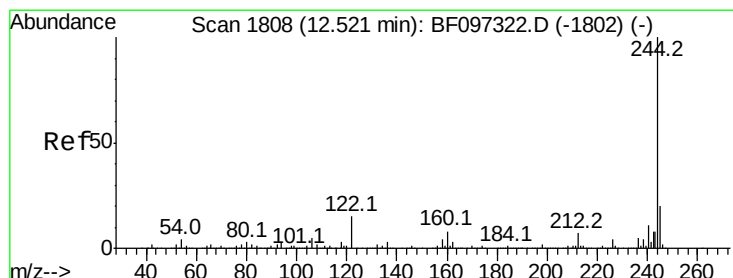
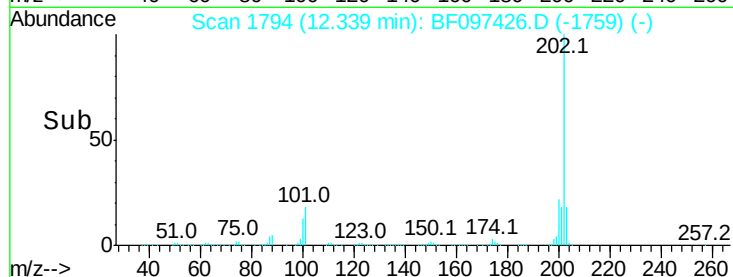
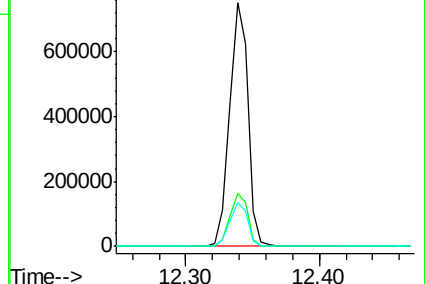
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.760 ng

RT: 12.50 min Scan# 1821

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

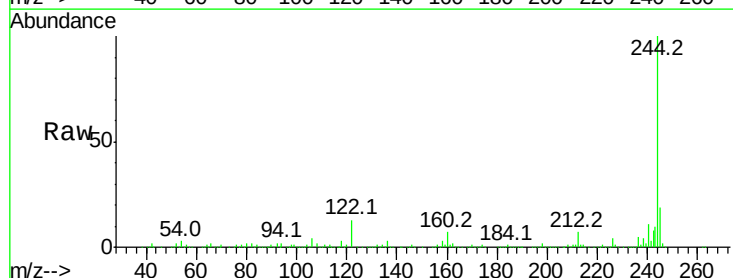
Tgt Ion:244 Resp: 842062

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

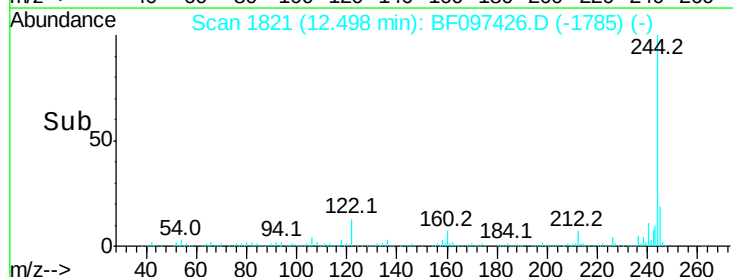
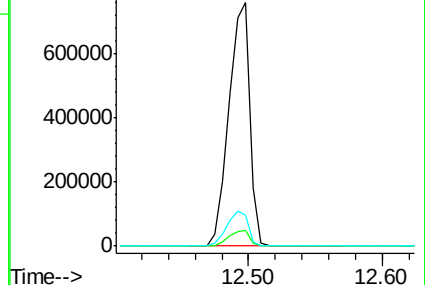
122 12.7 10.3 15.5

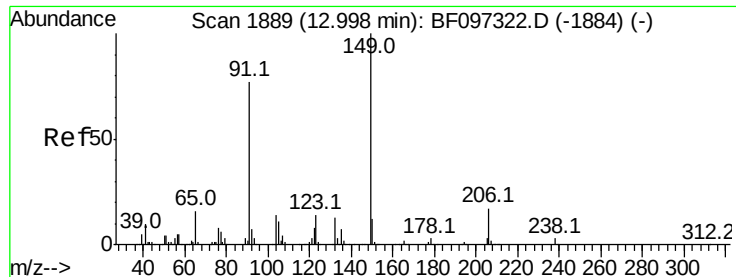


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

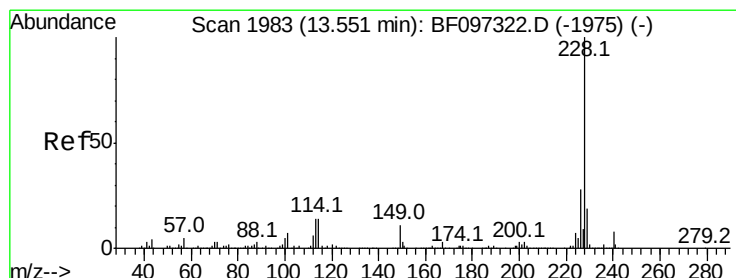
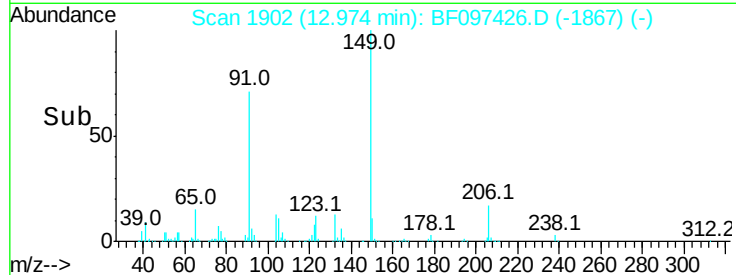
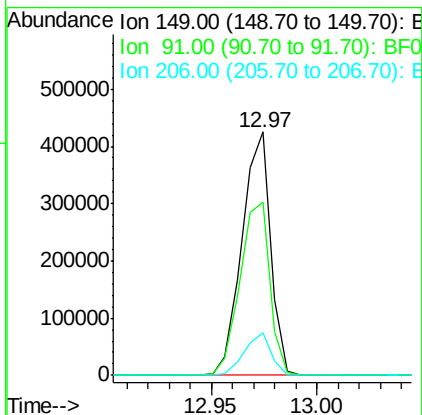
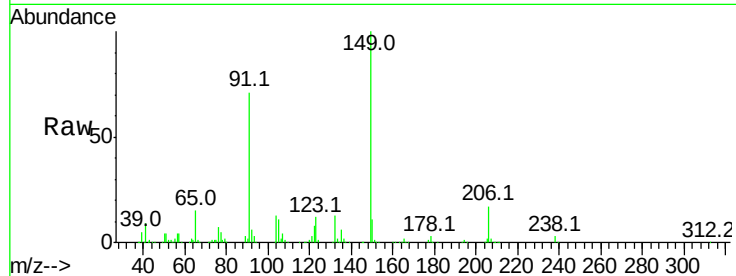




#79
Butylbenzylphthalate
Concen: 47.386 ng
RT: 12.97 min Scan# 1902
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

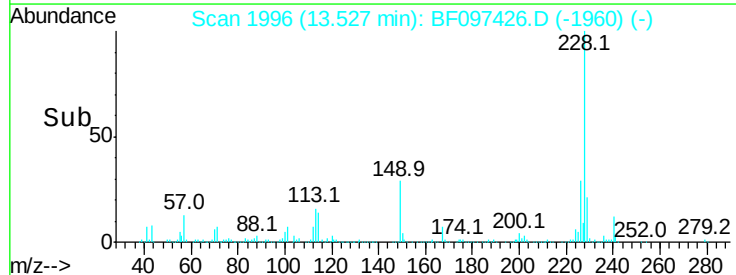
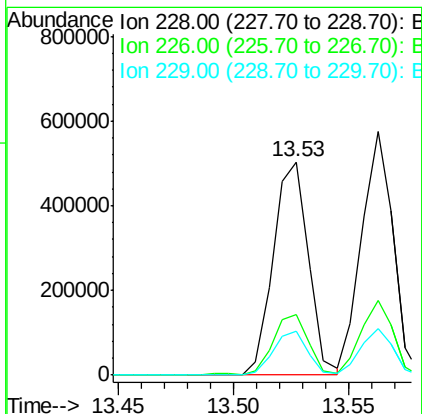
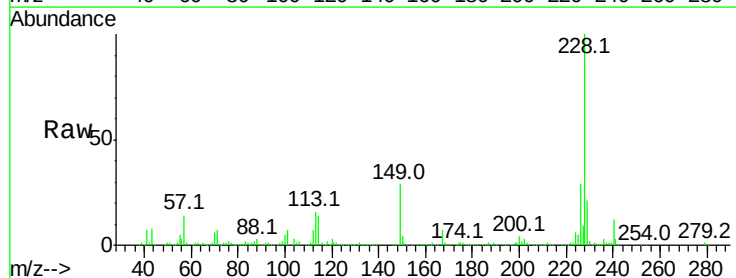
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

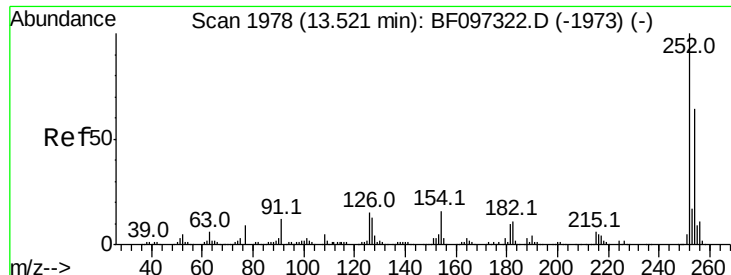
Tot Ion:149 Resp: 399701
Ion Ratio Lower Upper
149 100
91 71.2 45.0 67.4#
206 17.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.458 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:228 Resp: 530239
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.8 16.3 24.5

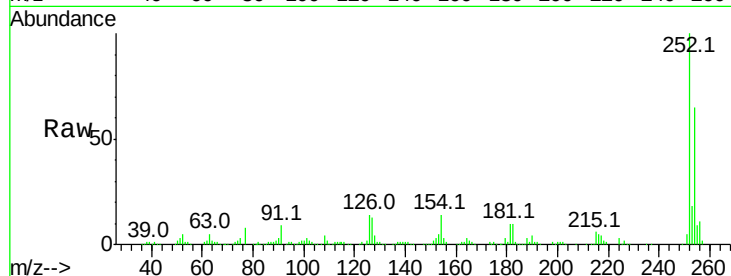




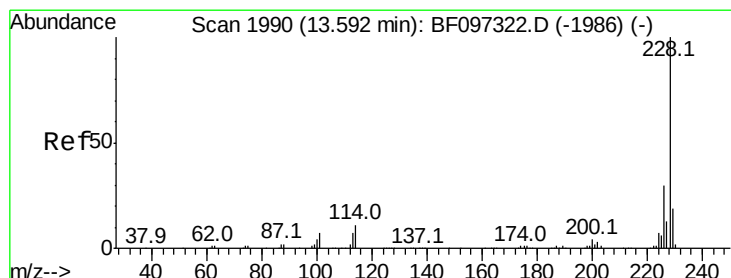
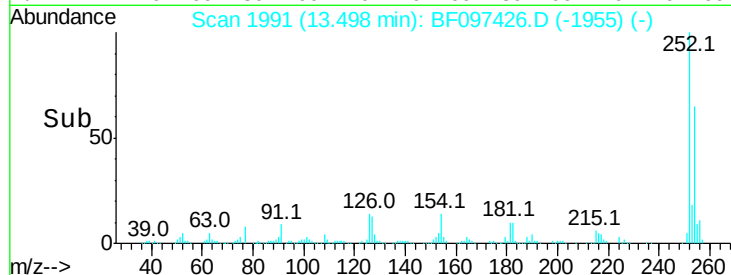
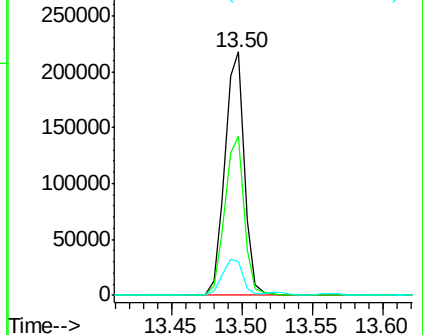
#81
 3,3'-Dichlorobenzidine
 Concen: 42.405 ng
 RT: 13.50 min Scan# 1991
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	13.9	15.8	23.8#

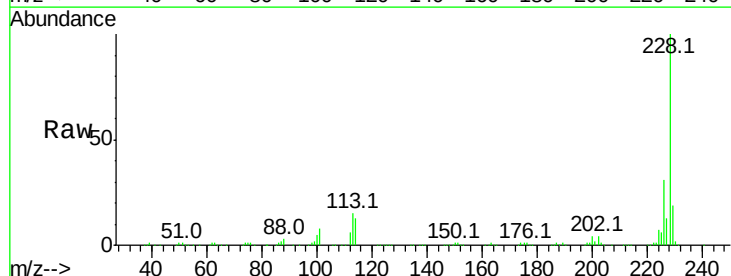


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

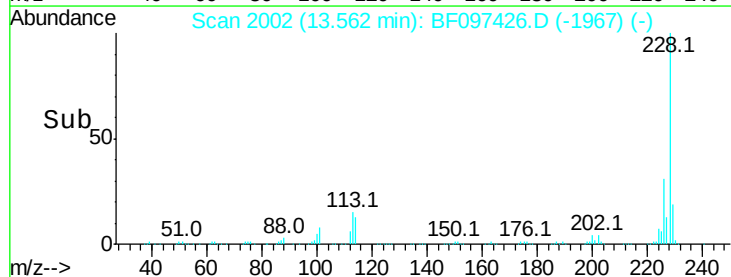
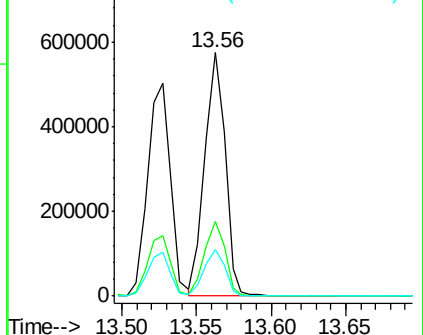


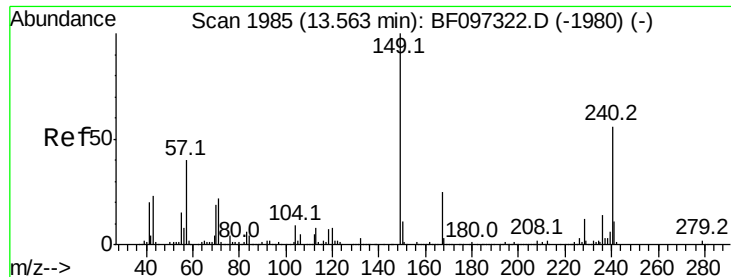
#82
 Chrysene
 Concen: 42.636 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. -0.09 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.3	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.207 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

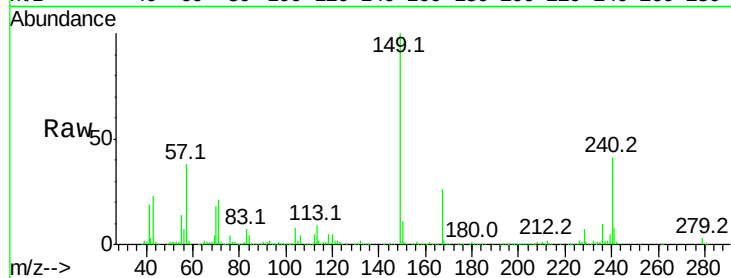
Tot Ion:149 Resp: 486863

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

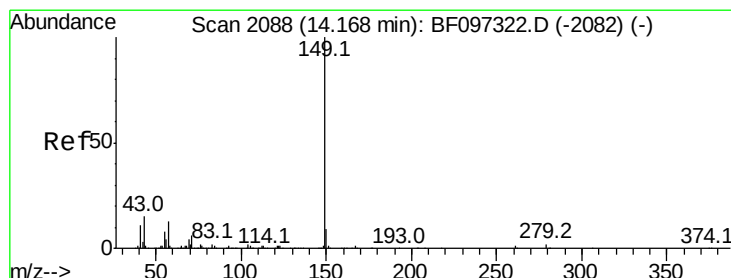
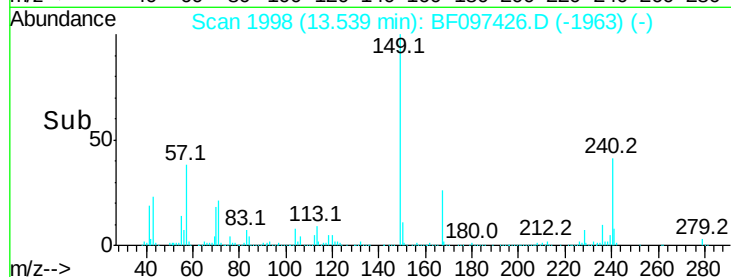
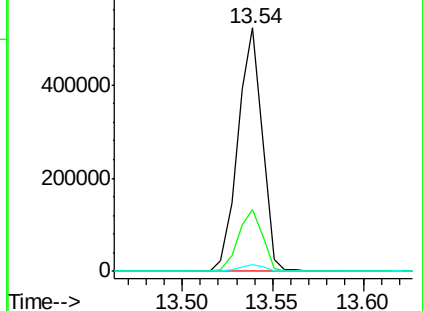
279 2.8 1.9 2.9



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: 41.414 ng

RT: 14.14 min Scan# 2101

Delta R.T. -0.09 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

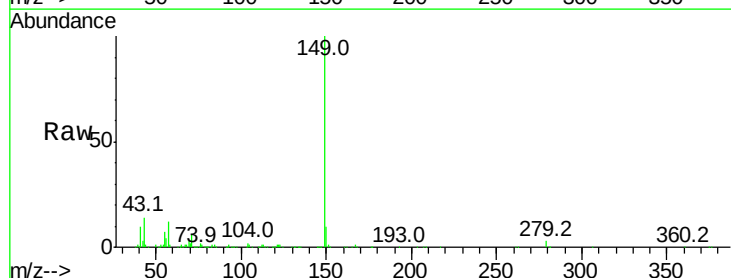
Tgt Ion:149 Resp: 837009

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

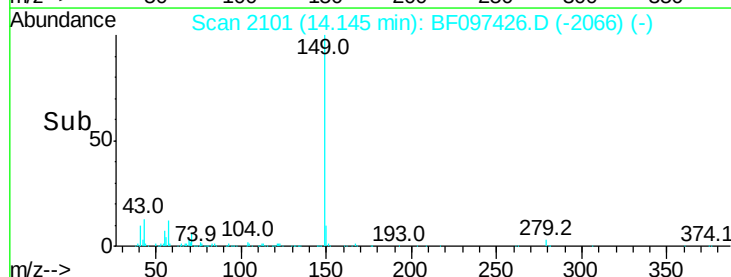
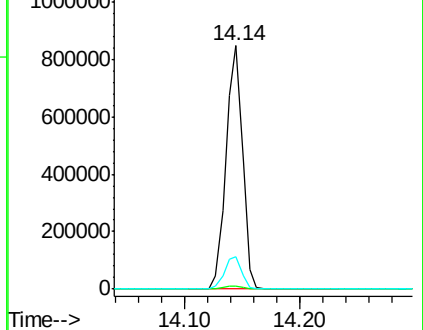
43 13.8 8.5 12.7#

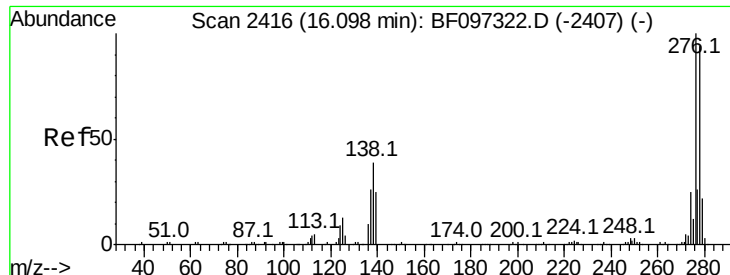


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

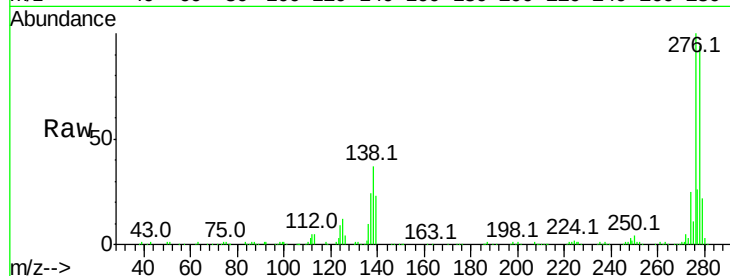




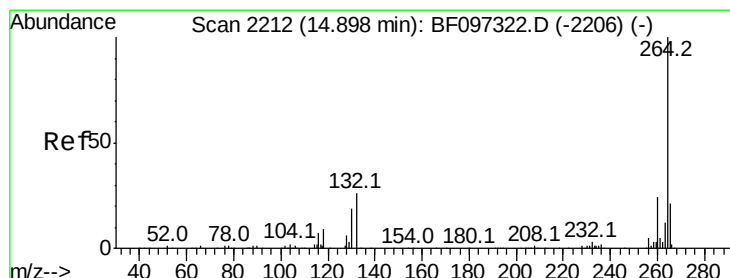
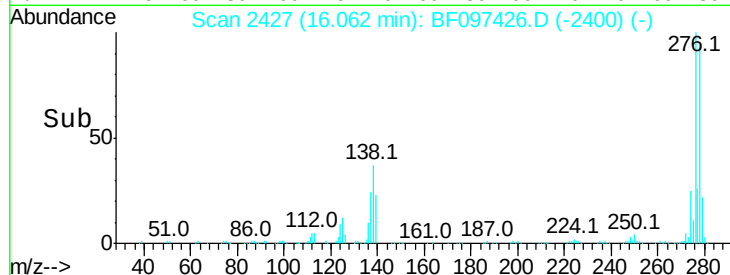
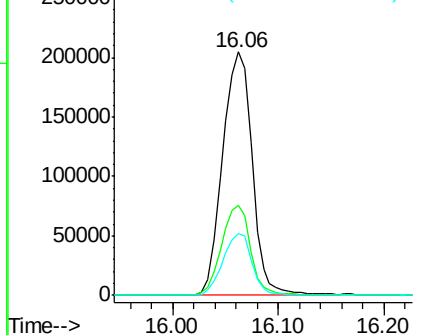
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.303 ng
 RT: 16.06 min Scan# 2427
 Delta R.T. -0.14 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	24.8	20.2	30.4

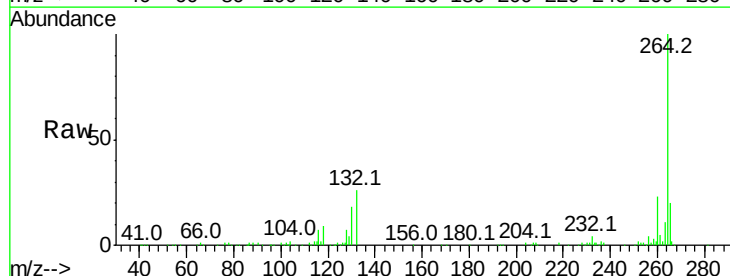


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

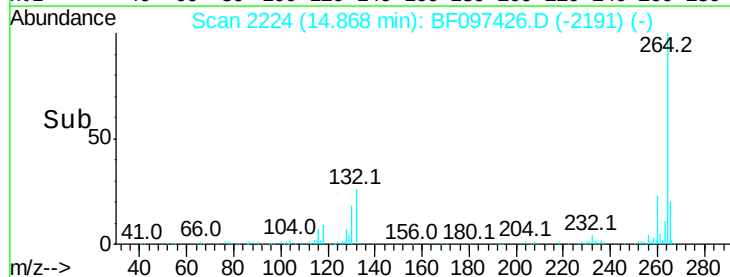
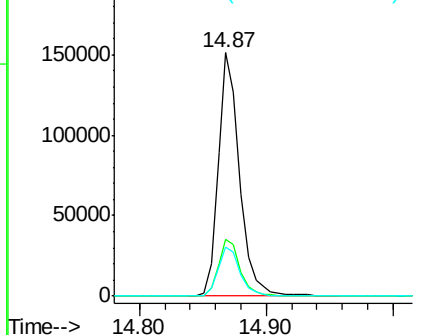


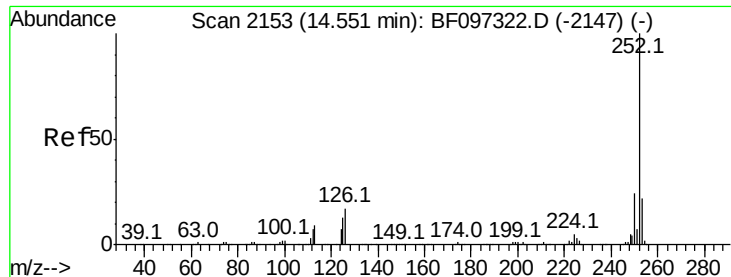
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. -0.11 min
 Lab File: BF097426.D
 Acq: 7 Aug 2017 13:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

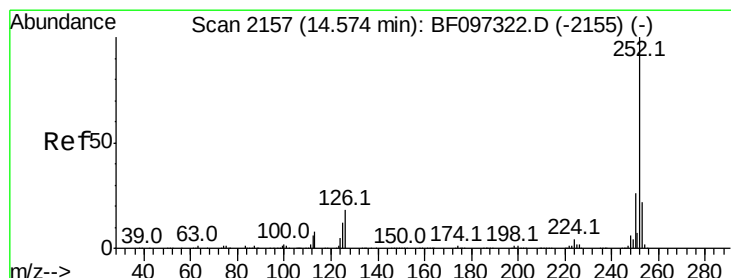
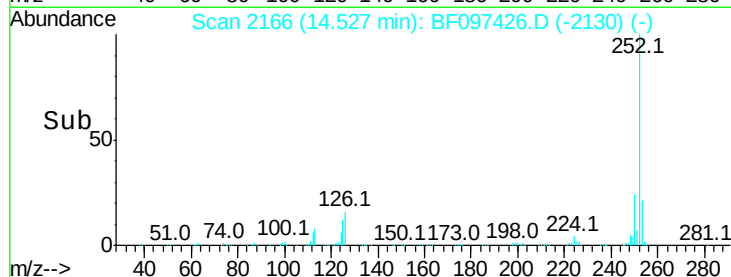
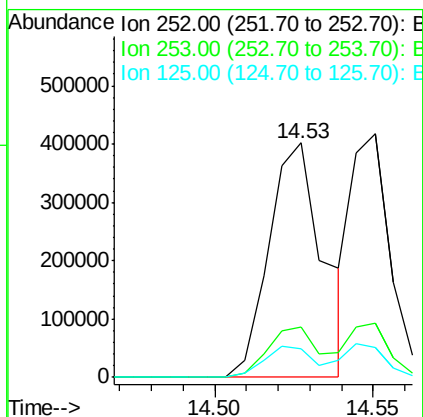
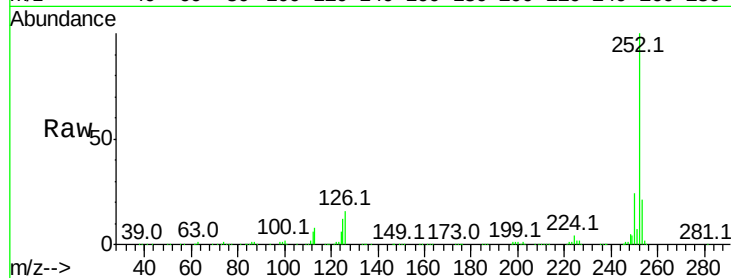




#87
Benzo(b)fluoranthene
Concen: 44.976 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

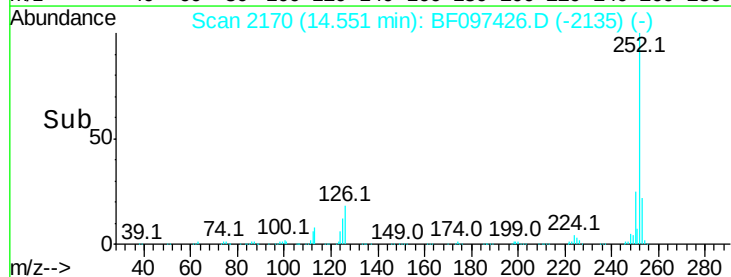
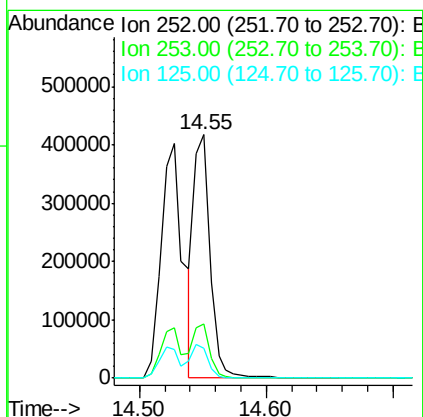
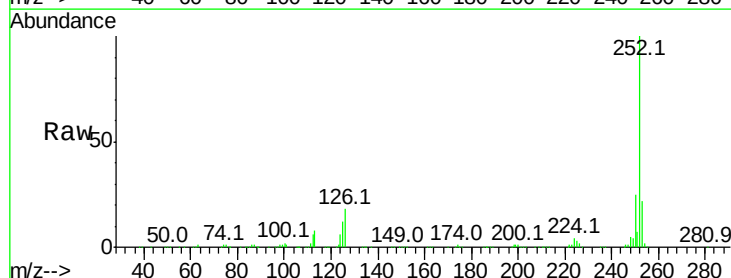
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

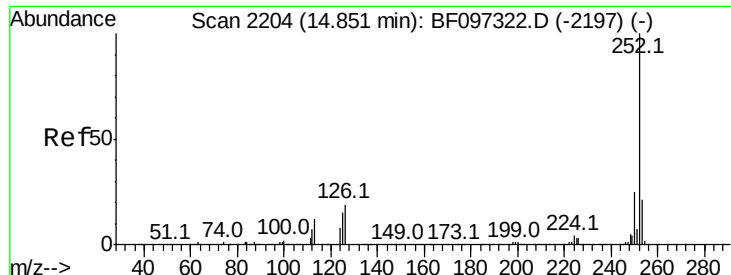
Tot Ion:252 Resp: 478902
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 12.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 36.064 ng
RT: 14.55 min Scan# 2170
Delta R.T. -0.09 min
Lab File: BF097426.D
Acq: 7 Aug 2017 13:36

Tgt Ion:252 Resp: 365922
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.3 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 40.349 ng

RT: 14.82 min Scan# 2216

Delta R.T. -0.10 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

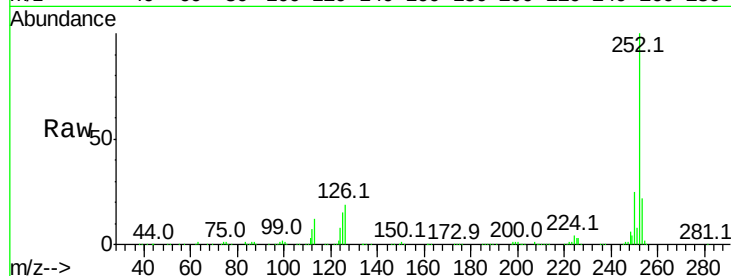
Tot Ion:252 Resp: 393208

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

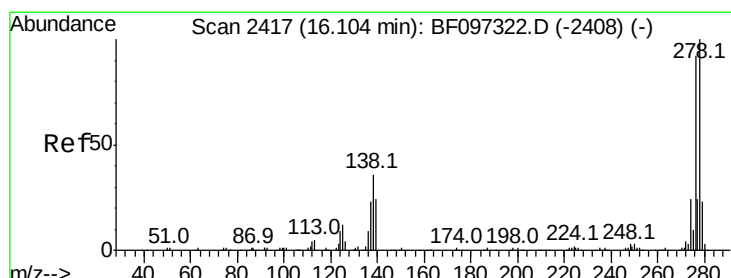
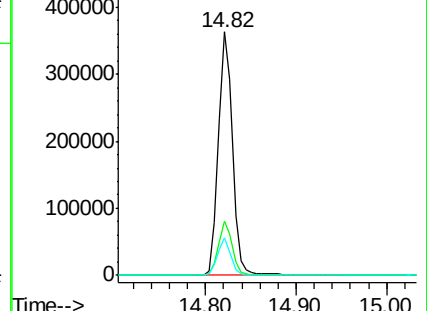
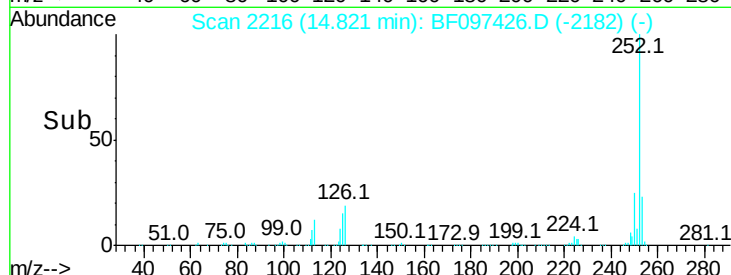
125 15.4 11.0 16.4



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: 40.855 ng

RT: 16.06 min Scan# 2427

Delta R.T. -0.15 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

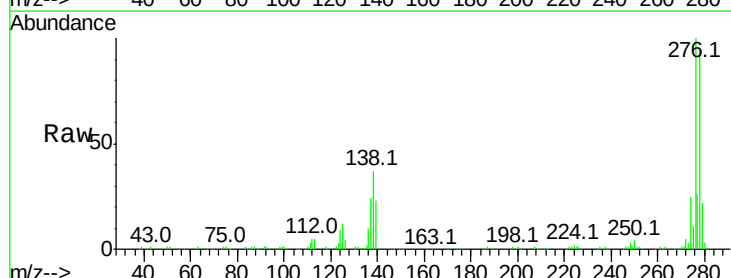
Tgt Ion:278 Resp: 326494

Ion Ratio Lower Upper

278 100

139 24.8 16.6 24.8

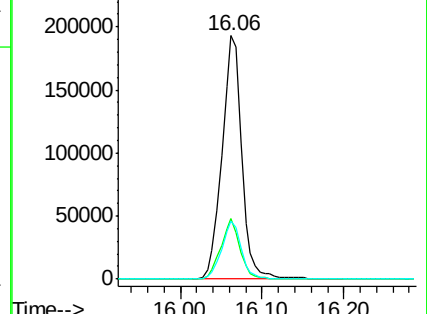
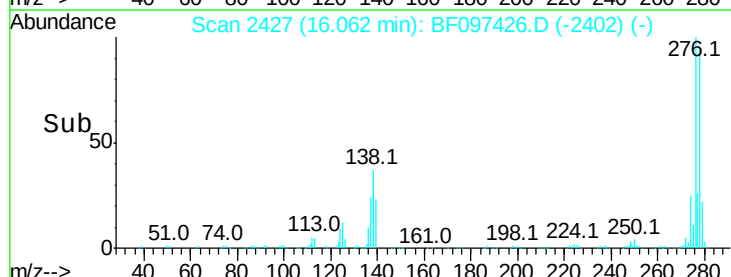
279 23.8 19.3 28.9

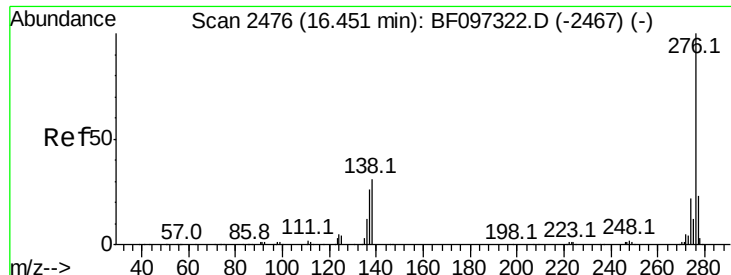


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.192 ng

RT: 16.41 min Scan# 2486

Delta R.T. -0.16 min

Lab File: BF097426.D

Acq: 7 Aug 2017 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

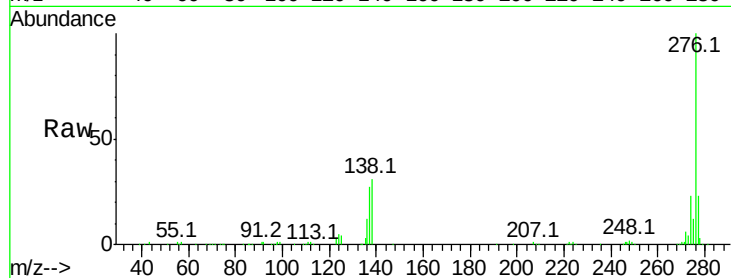
Tot Ion:276 Resp: 345212

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 31.4 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

