

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097322.D
 Acq On : 3 Aug 2017 17:47
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 04 01:05:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	109349	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	447642	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	199081	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	343120	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	221813	20.00	ng	-0.06
86) Perylene-d12	14.90	264	217200	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	614100	84.66	ng	-0.06
7) Phenol-d6	6.12	99	687397	83.01	ng	-0.05
23) Nitrobenzene-d5	7.02	82	600685	78.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	130571	83.01	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	920229	78.45	ng	-0.06
78) Terphenyl-d14	12.52	244	868176	79.80	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	143534	47.417	ng	# 78
3) Pyridine	2.55	79	327275	35.308	ng	# 65
4) n-Nitrosodimethylamine	2.51	42	198503	38.656	ng	80
6) Aniline	6.11	93	437791	42.012	ng	91
8) 2-Chlorophenol	6.24	128	332386	42.854	ng	97
9) Benzaldehyde	5.99	77	209464	42.734	ng	99
10) Phenol	6.13	94	433408	44.124	ng	97
11) bis(2-Chloroethyl)ether	6.19	93	330845	42.587	ng	88
12) 1,3-Dichlorobenzene	6.39	146	345248	41.304	ng	99
13) 1,4-Dichlorobenzene	6.46	146	348941	42.124	ng	96
14) 1,2-Dichlorobenzene	6.62	146	293075	40.521	ng	98
15) Benzyl Alcohol	6.61	79	230634	43.990	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.74	45	638217	40.959	ng	60
17) 2-Methylphenol	6.73	107	246636	41.201	ng	# 89
18) Hexachloroethane	6.95	117	120457	39.748	ng	# 79
19) n-Nitroso-di-n-propylamine	6.88	70	213166	39.107	ng	# 79
20) 3+4-Methylphenols	6.89	107	327514	41.890	ng	# 63
22) Acetophenone	6.87	105	423793	39.423	ng	# 97
24) Nitrobenzene	7.04	77	322211	40.544	ng	95
25) Isophorone	7.29	82	550292	36.825	ng	96
26) 2-Nitrophenol	7.36	139	176433	41.035	ng	# 88
27) 2,4-Dimethylphenol	7.42	122	273459	38.556	ng	96
28) bis(2-Chloroethoxy)methane	7.50	93	368748	37.813	ng	99
29) 2,4-Dichlorophenol	7.60	162	251575	41.174	ng	95
30) 1,2,4-Trichlorobenzene	7.67	180	232393	39.903	ng	96
31) Naphthalene	7.75	128	878806	41.647	ng	99
32) Benzoic acid	7.59	122	215019	40.600	ng	96
33) 4-Chloroaniline	7.81	127	350937	40.873	ng	100
34) Hexachlorobutadiene	7.87	225	123443	39.981	ng	99
35) Caprolactam	8.19	113	70305	35.884	ng	# 55
36) 4-Chloro-3-methylphenol	8.32	107	279654	41.953	ng	89
37) 2-Methylnaphthalene	8.44	142	544002	40.718	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	215434	40.556	ng	99
40) Hexachlorocyclopentadiene	8.59	237	82029	47.113	ng	100

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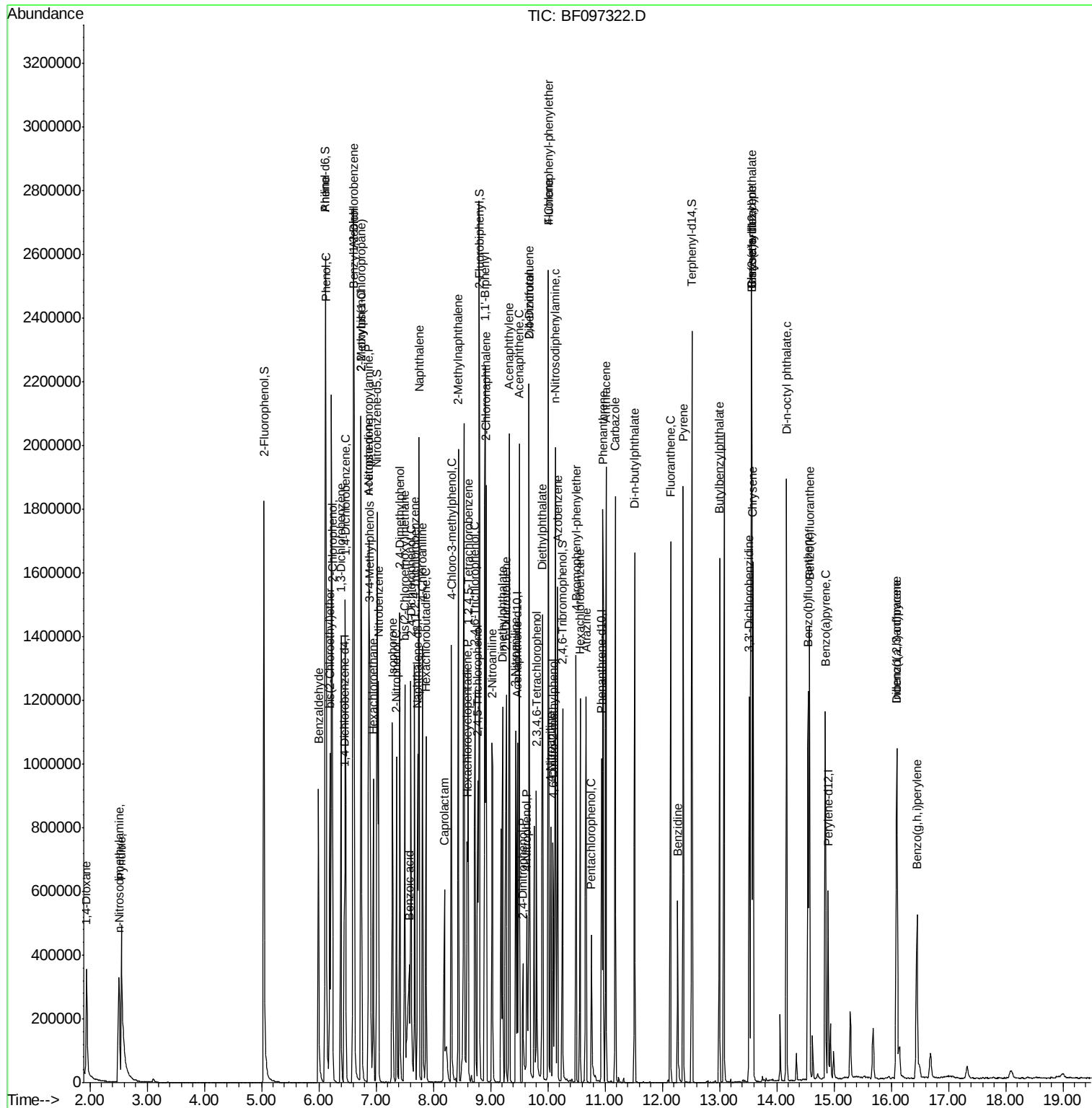
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	152035	39.495	ng	97
43) 2,4,5-Trichlorophenol	8.77	196	148390	38.513	ng	98
45) 1,1'-Biphenyl	8.90	154	672192	39.531	ng	98
46) 2-Chloronaphthalene	8.92	162	505450	40.393	ng	# 93
47) 2-Nitroaniline	9.03	65	193600	42.632	ng	98
48) Acenaphthylene	9.33	152	738240	38.436	ng	99
49) Dimethylphthalate	9.21	163	591193	39.106	ng	99
50) 2,6-Dinitrotoluene	9.27	165	127245	39.685	ng	# 74
51) Acenaphthene	9.50	154	452763	40.020	ng	98
52) 3-Nitroaniline	9.44	138	162233	40.763	ng	97
53) 2,4-Dinitrophenol	9.56	184	55487	38.060	ng	# 77
54) Dibenzofuran	9.67	168	619530	41.112	ng	98
55) 4-Nitrophenol	9.63	139	81634	34.491	ng	# 63
56) 2,4-Dinitrotoluene	9.68	165	163650	44.397	ng	# 64
57) Fluorene	10.02	166	467223	41.252	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.80	232	109958	41.332	ng	97
59) Diethylphthalate	9.90	149	592169	42.695	ng	99
60) 4-Chlorophenyl-phenylether	10.01	204	193331	41.337	ng	99
61) 4-Nitroaniline	10.06	138	153705	40.645	ng	94
62) Azobenzene	10.17	77	563715	43.812	ng	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	92058	43.177	ng	90
65) n-Nitrosodiphenylamine	10.13	169	458727	38.424	ng	99
66) 4-Bromophenyl-phenylether	10.49	248	136963	39.998	ng	93
67) Hexachlorobenzene	10.56	284	149700	38.985	ng	# 87
68) Atrazine	10.67	200	129637	37.868	ng	96
69) Pentachlorophenol	10.76	266	62940	39.615	ng	94
70) Phenanthrene	10.96	178	700315	38.093	ng	99
71) Anthracene	11.02	178	707468	37.572	ng	99
72) Carbazole	11.18	167	745967	40.282	ng	99
73) Di-n-butylphthalate	11.52	149	915609	39.998	ng	99
74) Fluoranthene	12.14	202	688186	38.210	ng	99
76) Benzidine	12.27	184	206904	25.139	ng	# 93
77) Pyrene	12.37	202	725743	39.966	ng	99
79) Butylbenzylphthalate	13.00	149	381068	41.254	ng	# 77
80) Benzo(a)anthracene	13.55	228	593953	41.384	ng	98
81) 3,3'-Dichlorobenzidine	13.52	252	230169	42.527	ng	# 97
82) Chrysene	13.59	228	598161	42.682	ng	98
83) Bis(2-ethylhexyl)phthalate	13.56	149	478786	39.699	ng	97
84) Di-n-octyl phthalate	14.17	149	915325	41.357	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.10	276	424328	35.310	ng	98
87) Benzo(b)fluoranthene	14.55	252	547443	41.929	ng	99
88) Benzo(k)fluoranthene	14.57	252	458447	36.848	ng	96
89) Benzo(a)pyrene	14.85	252	486479	40.711	ng	98
90) Dibenzo(a,h)anthracene	16.10	278	347708	35.483	ng	95
91) Benzo(g,h,i)perylene	16.45	276	363667	35.390	ng	100

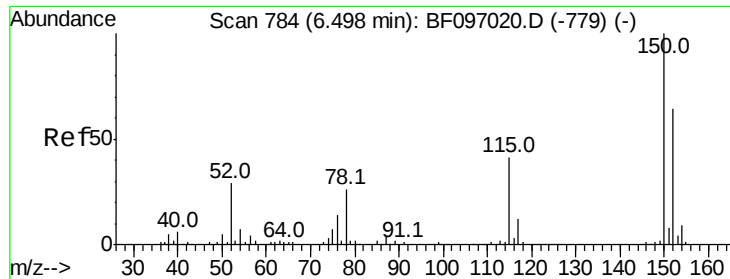
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2 Sample Multiplier: 1
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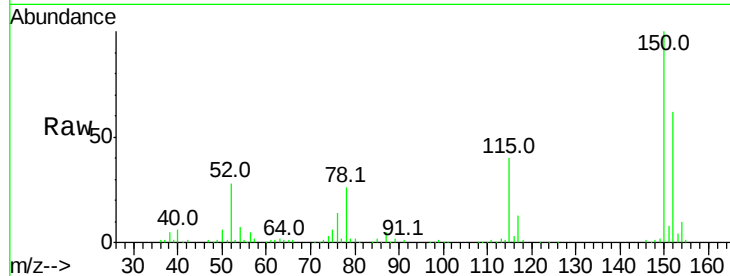


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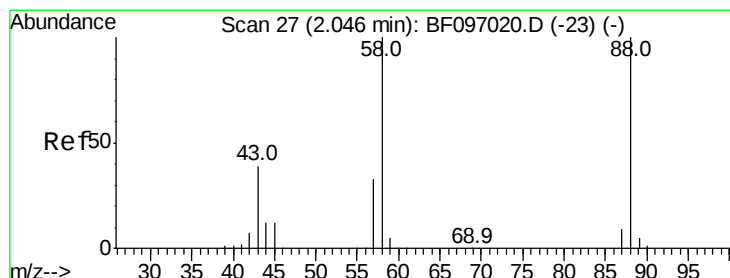
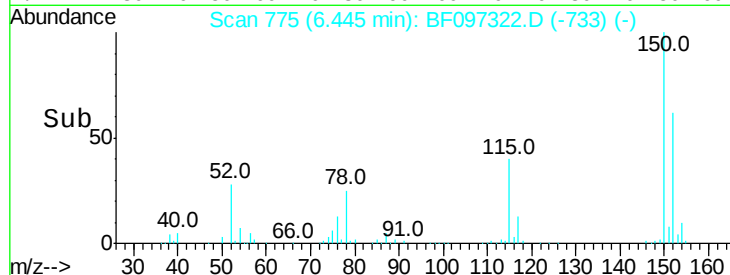
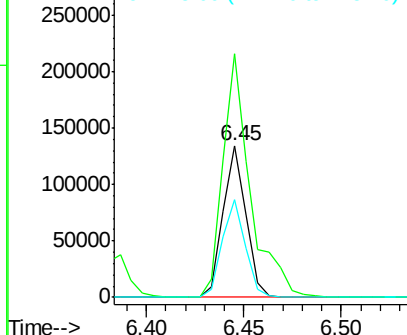
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 109349
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 64.3 52.2 78.2



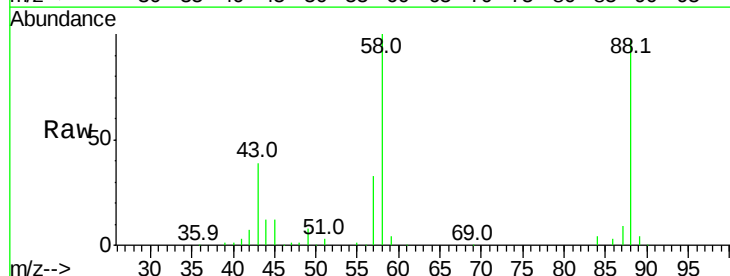
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



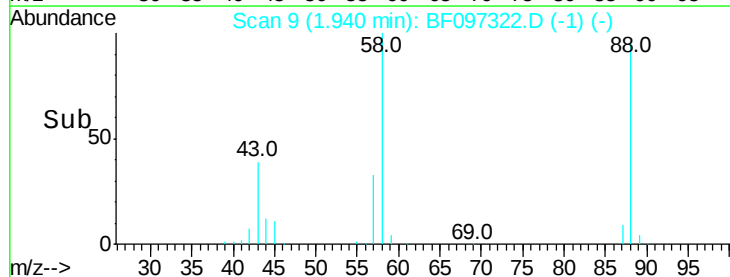
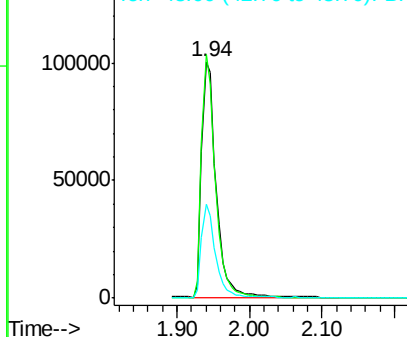
#2

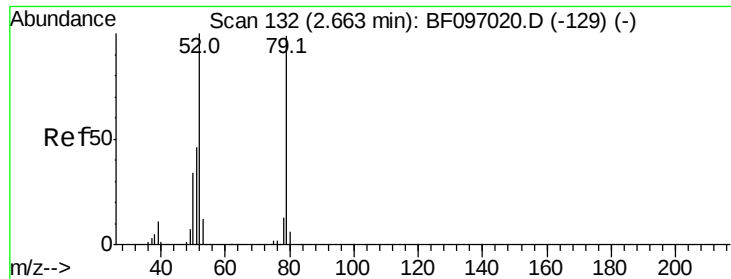
1,4-Dioxane
Concen: 47.417 ng
RT: 1.94 min Scan# 9
Delta R.T. -0.11 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion: 88 Resp: 143534
Ion Ratio Lower Upper
88 100
58 97.3 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: 35.308 ng

RT: 2.55 min Scan# 112

Delta R.T. -0.12 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

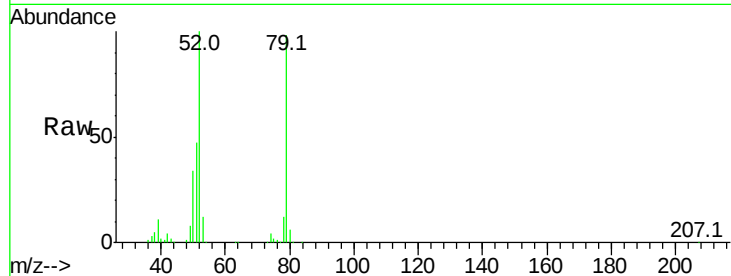
Tot Ion: 79 Resp: 327275

Ion Ratio Lower Upper

79 100

52 101.5 54.8 82.2#

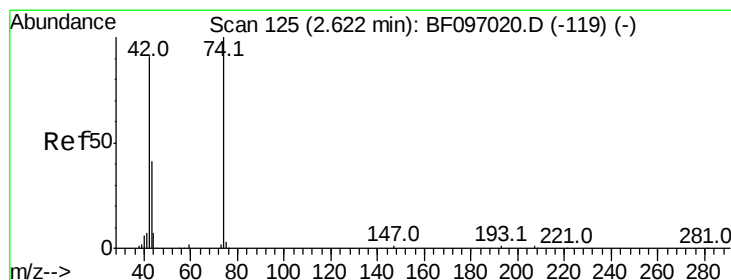
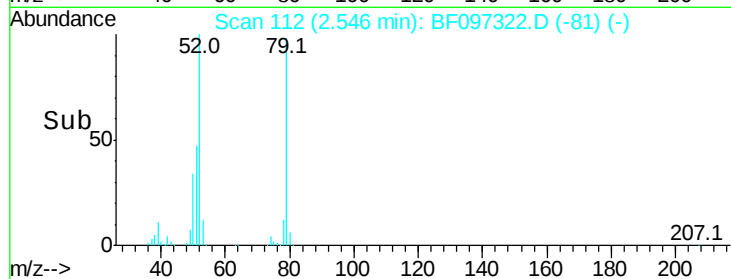
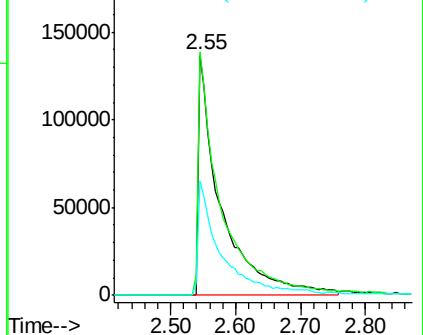
51 47.8 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.656 ng

RT: 2.51 min Scan# 106

Delta R.T. -0.11 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

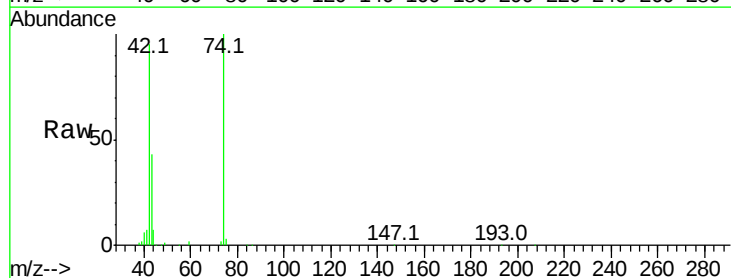
Tgt Ion: 42 Resp: 198503

Ion Ratio Lower Upper

42 100

74 105.6 103.9 155.9

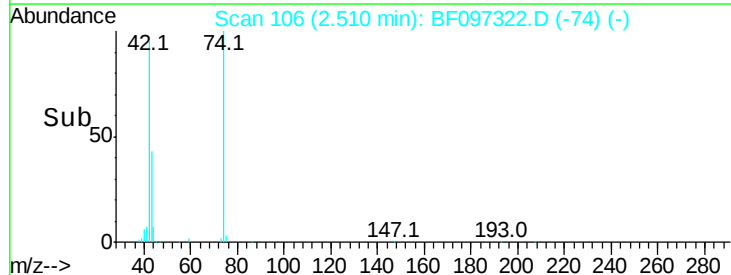
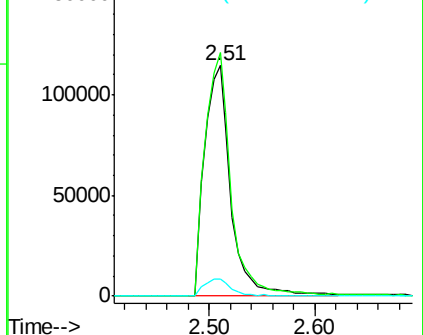
44 7.6 5.7 8.5

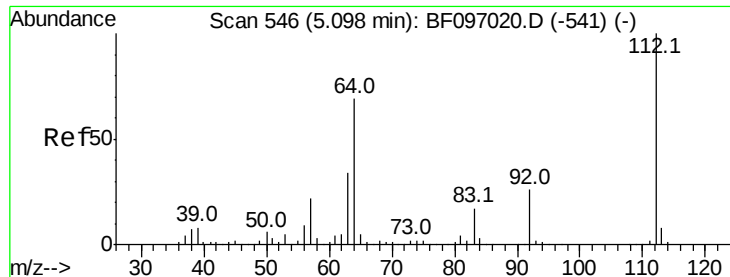


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.660 ng

RT: 5.04 min Scan# 536

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

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ClientSampleId :

SSTDCCC040

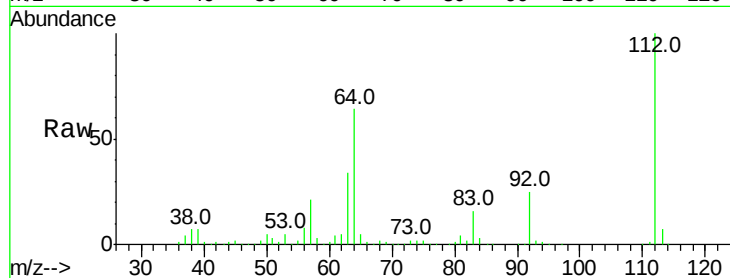
Tot Ion:112 Resp: 614100

Ion Ratio Lower Upper

112 100

64 64.1 46.0 69.0

63 33.7 23.4 35.0

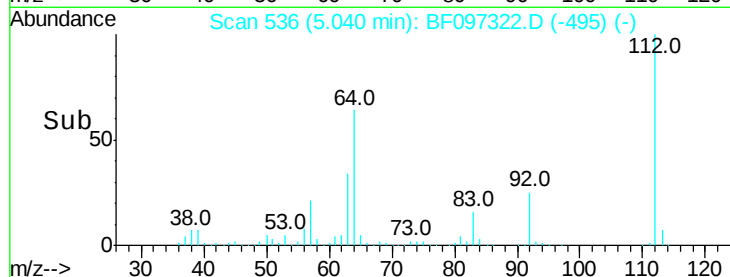


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time--> 4.90 5.00 5.10 5.20 5.30



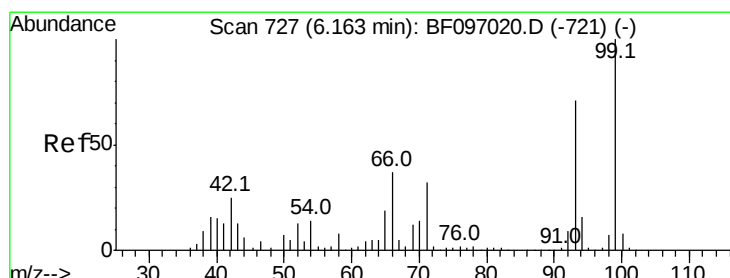
Abundance

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

Time--> 4.90 5.00 5.10 5.20 5.30



#6

Aniline

Concen: 42.012 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

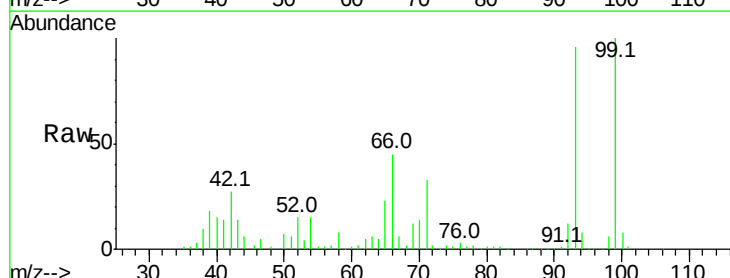
Tgt Ion: 93 Resp: 437791

Ion Ratio Lower Upper

93 100

66 46.8 32.9 49.3

65 23.5 16.0 24.0

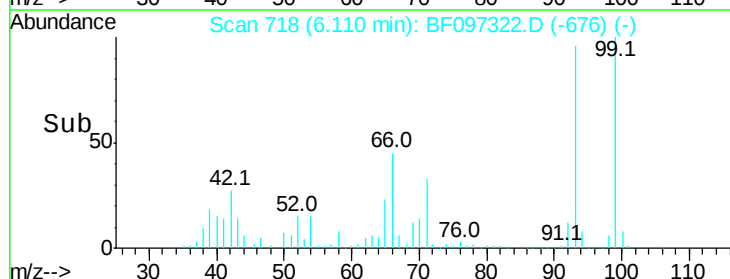


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time--> 6.05 6.10 6.15



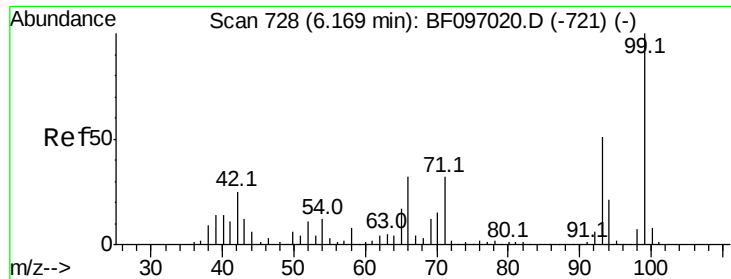
Abundance

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

Time--> 6.05 6.10 6.15



#7

Phenol-d6

Concen: 83.009 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

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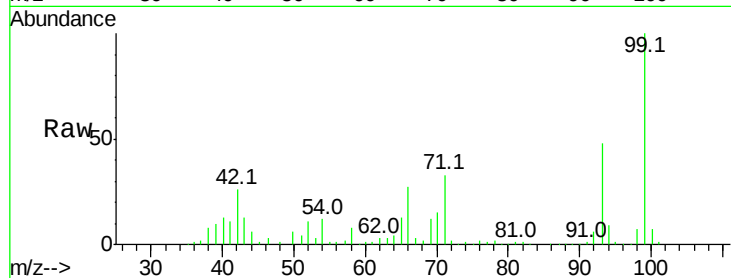
Tot Ion: 99 Resp: 687397

Ion Ratio Lower Upper

99 100

42 25.7 13.5 20.3#

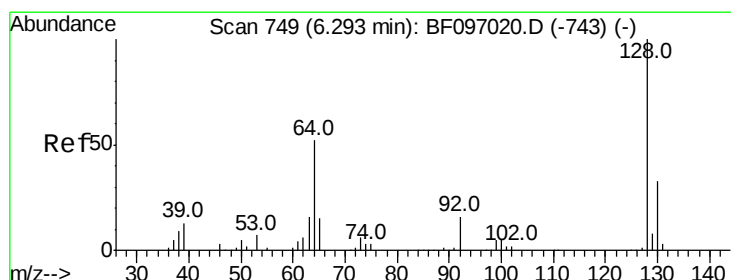
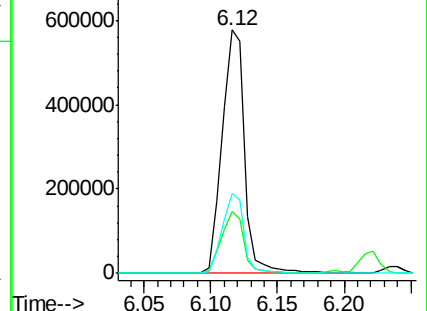
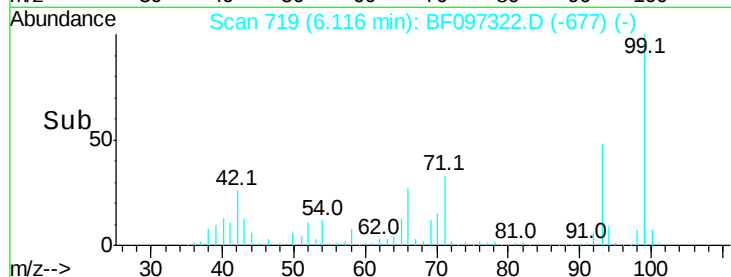
71 32.7 24.5 36.7



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: 42.854 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

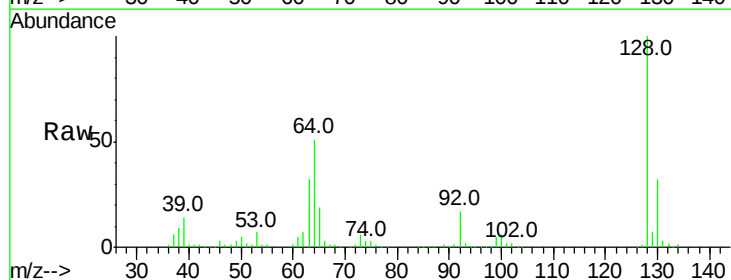
Tgt Ion: 128 Resp: 332386

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

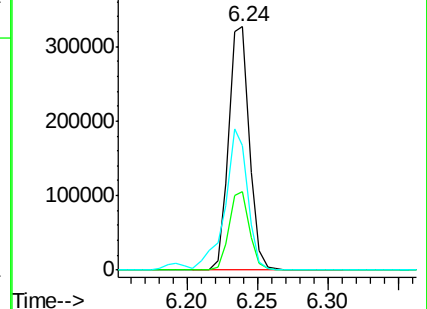
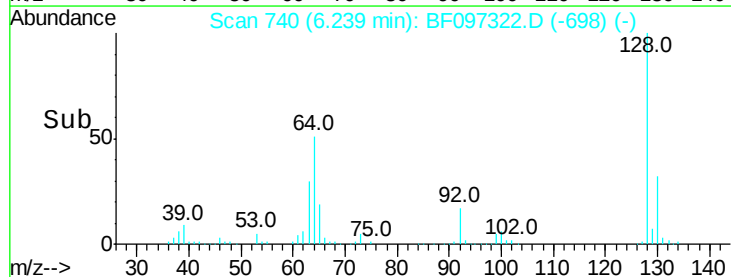
64 51.4 28.4 68.4

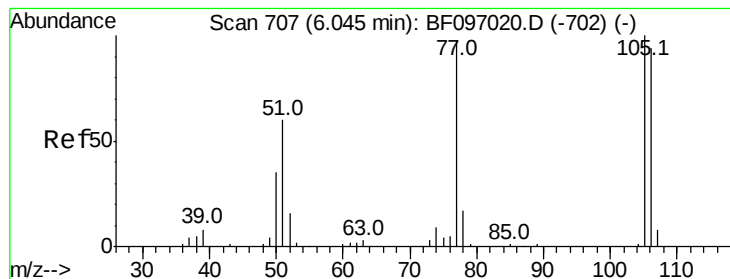


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.734 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.05 min

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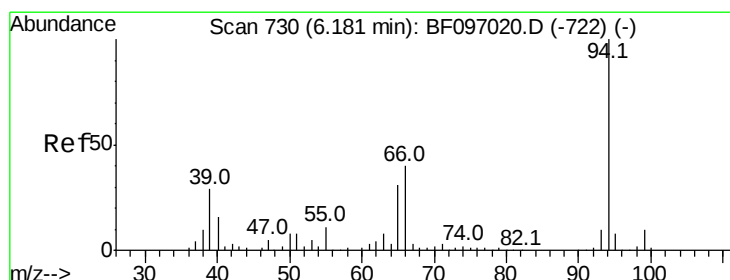
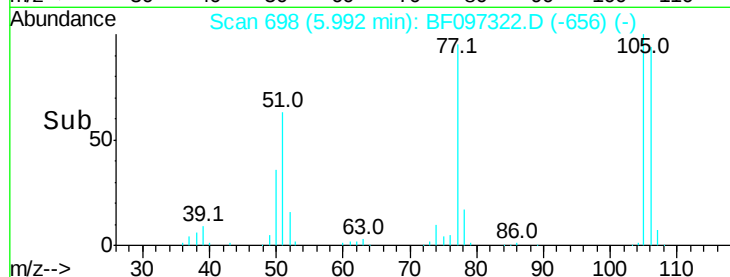
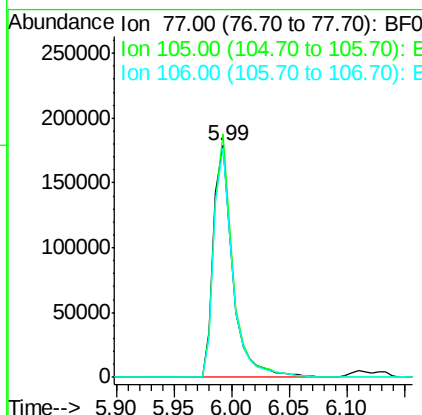
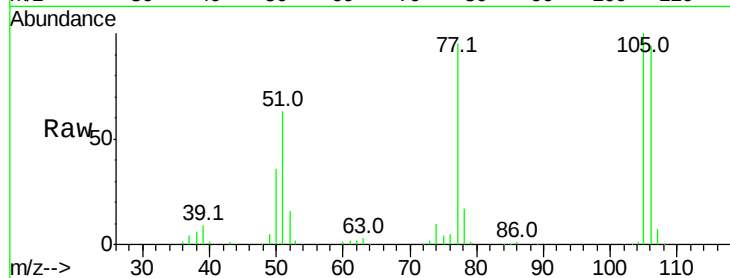
Tot Ion: 77 Resp: 209464

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

106 99.0 79.1 119.1



#10

Phenol

Concen: 44.124 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

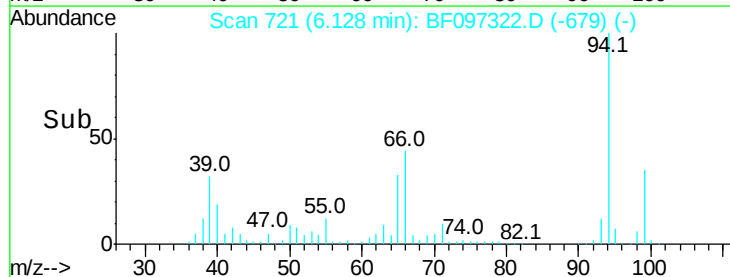
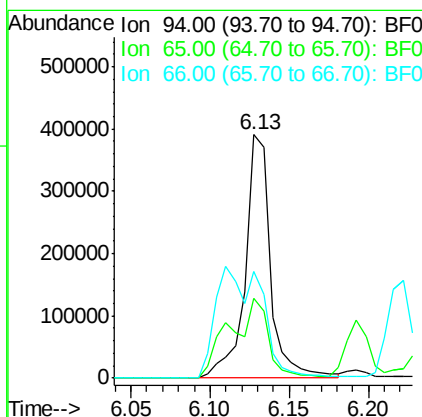
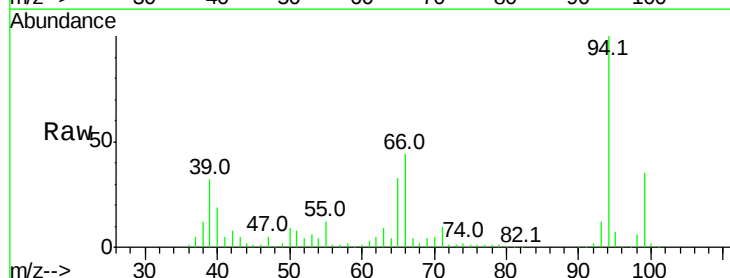
Tgt Ion: 94 Resp: 433408

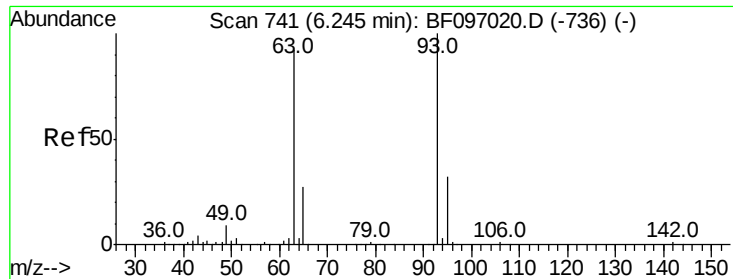
Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

66 43.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.587 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

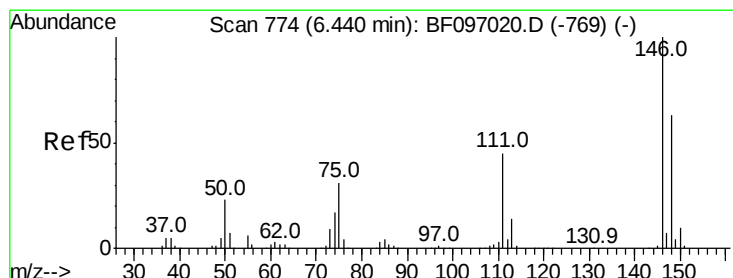
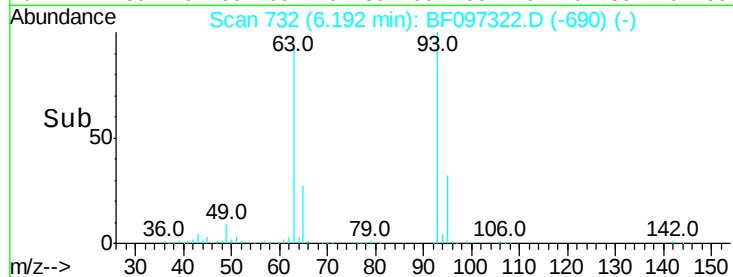
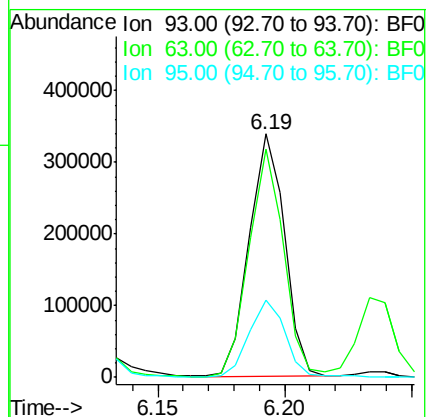
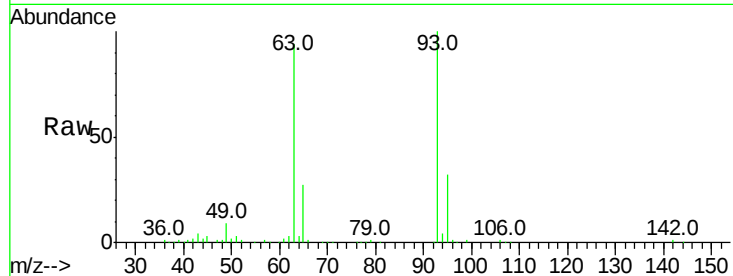
Tot Ion: 93 Resp: 330845

Ion Ratio Lower Upper

93 100

63 93.9 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.304 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

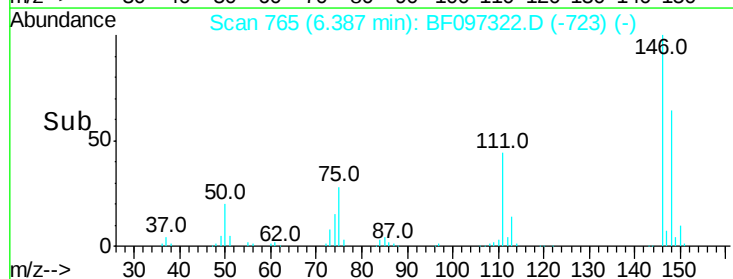
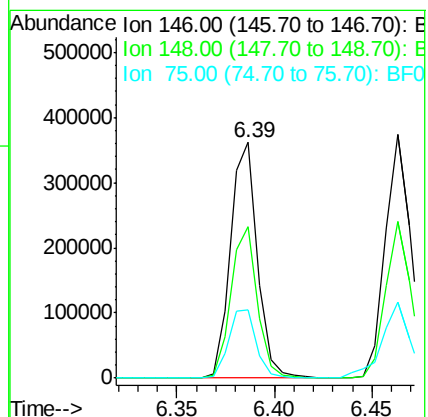
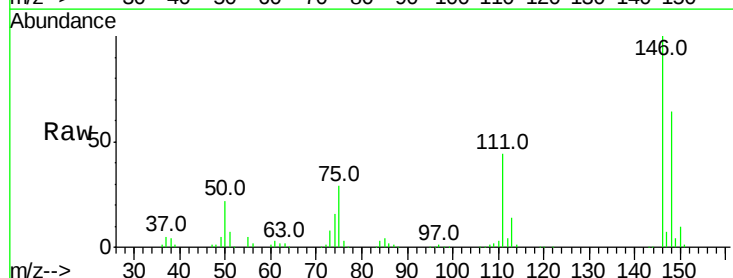
Tgt Ion: 146 Resp: 345248

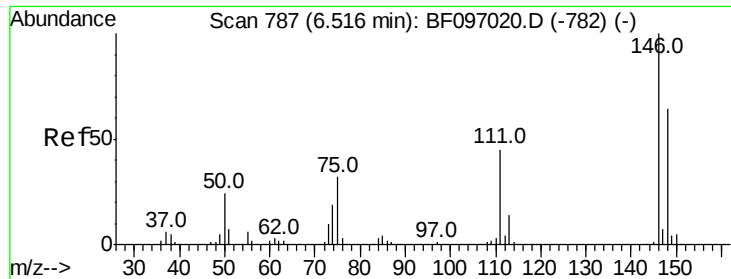
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 28.8 23.1 34.7

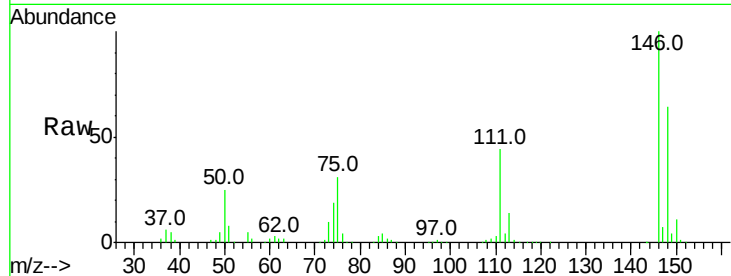




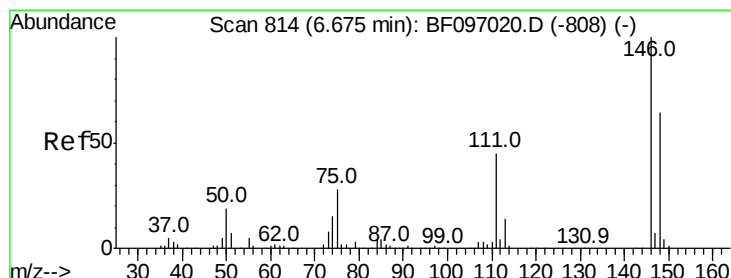
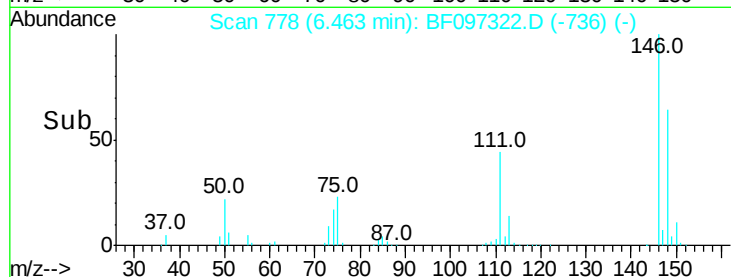
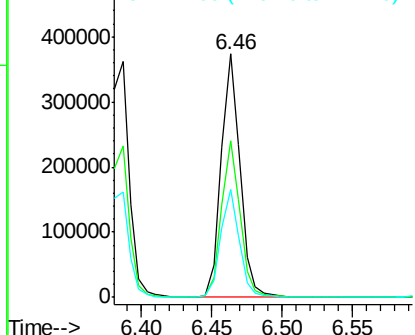
#13
 1,4-Dichlorobenzene
 Concen: 42.124 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 348941
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 44.1 30.3 45.5

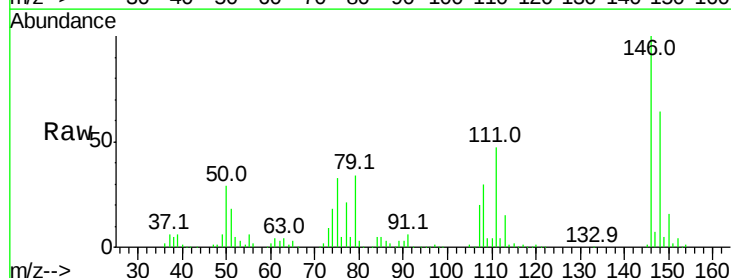


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

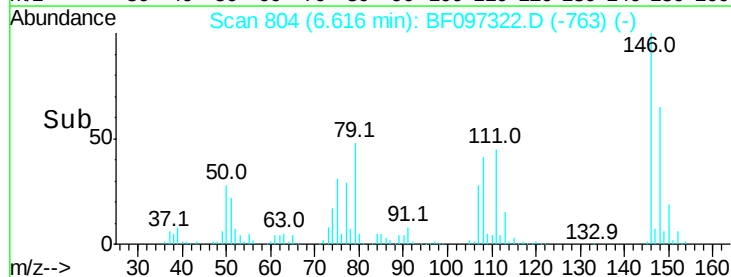
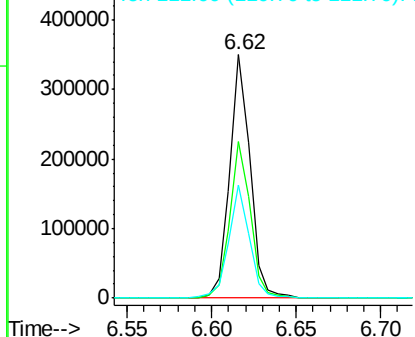


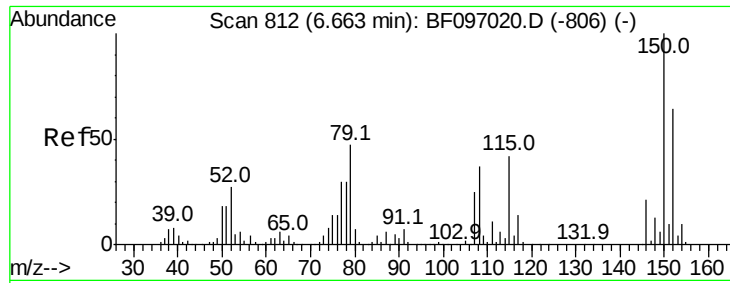
#14
 1,2-Dichlorobenzene
 Concen: 40.521 ng
 RT: 6.62 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:146 Resp: 293075
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.6 38.2 57.4



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

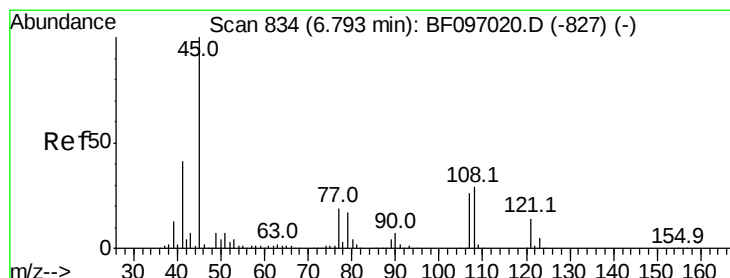
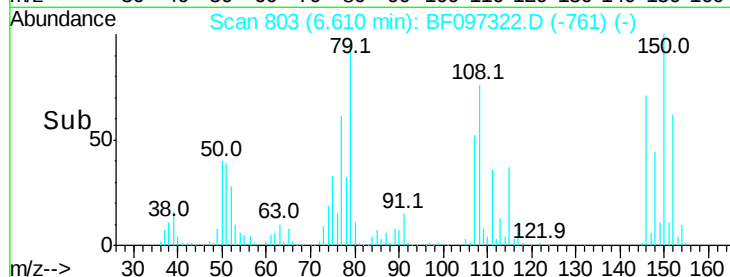
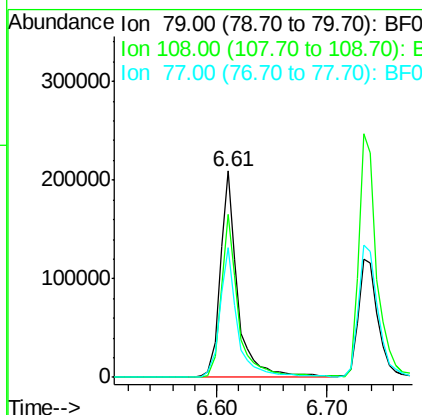
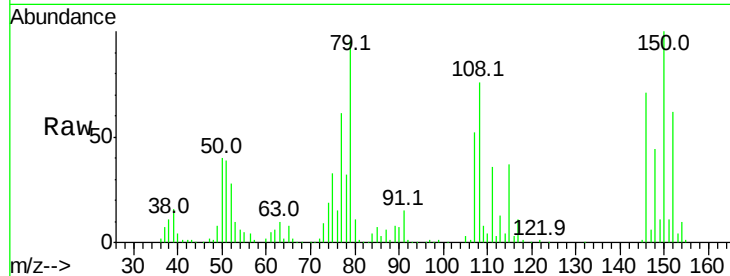




#15
Benzyl Alcohol
Concen: 43.990 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

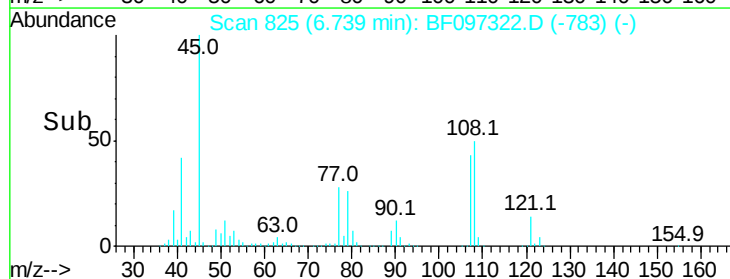
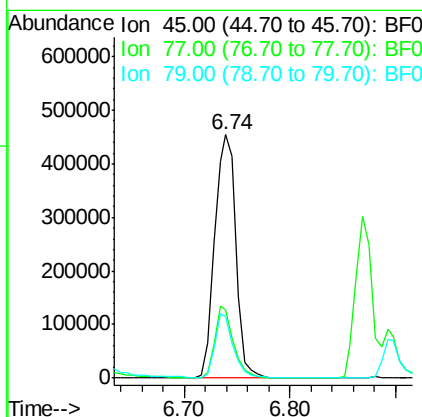
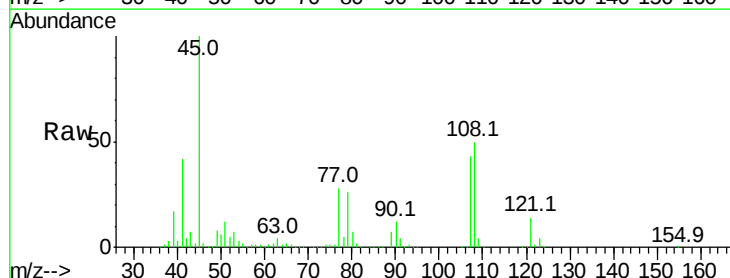
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

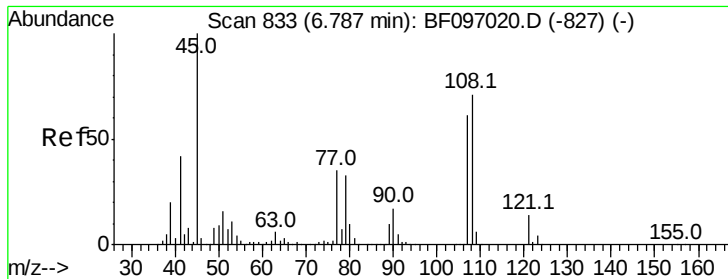
Tot Ion: 79 Resp: 230634
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.959 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion: 45 Resp: 638217
Ion Ratio Lower Upper
45 100
77 28.2 0.0 33.2
79 25.5 0.0 30.0





#17

2-Methylphenol

Concen: 41.201 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 246636

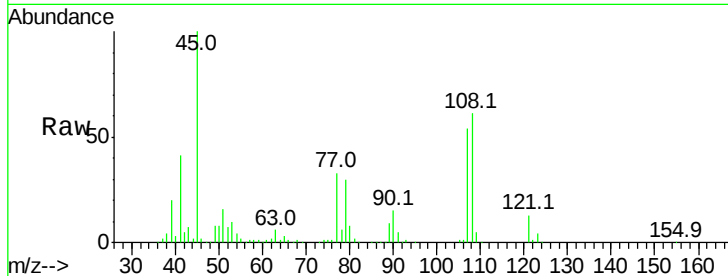
Ion Ratio Lower Upper

107 100

108 113.5 93.4 140.0

77 61.7 35.8 53.6#

79 55.2 34.8 52.2#

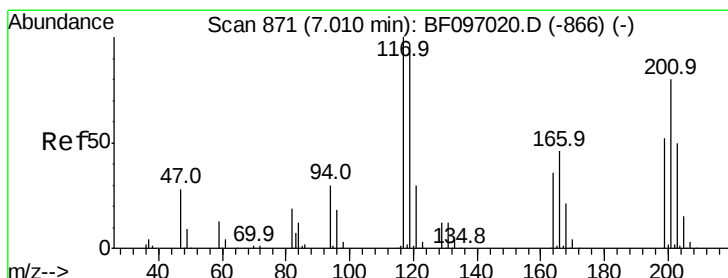
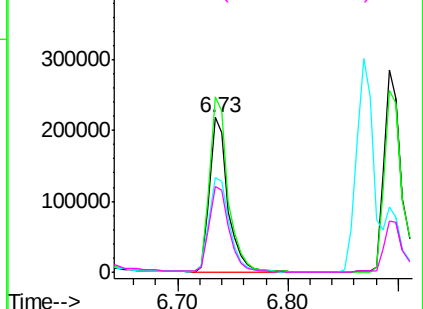
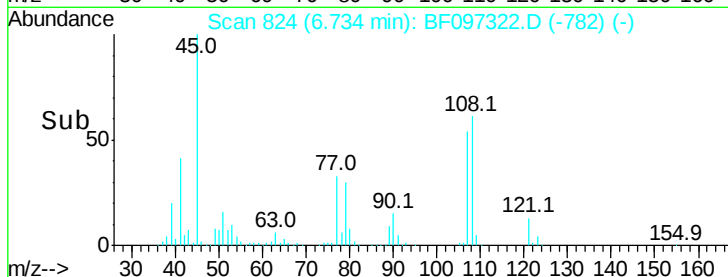


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.748 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

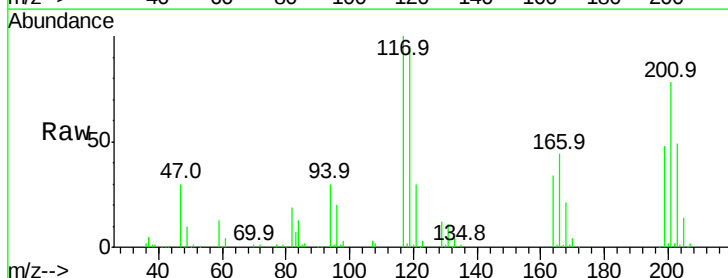
Tgt Ion:117 Resp: 120457

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

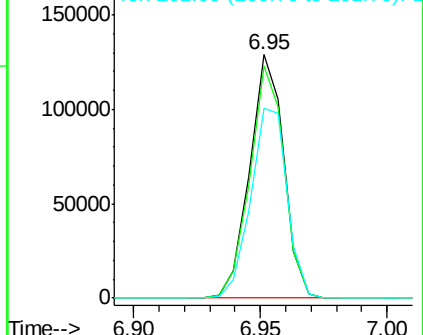
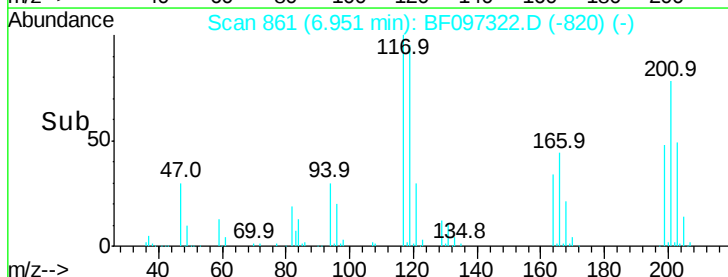
201 77.7 94.6 141.8#

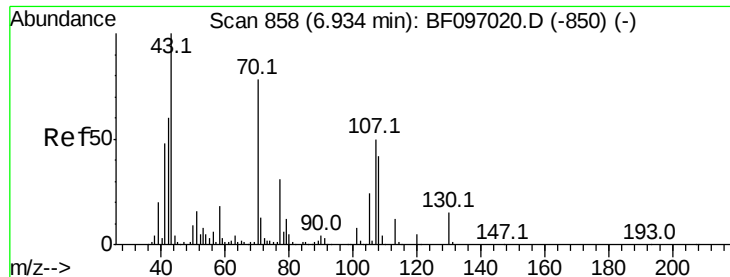


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

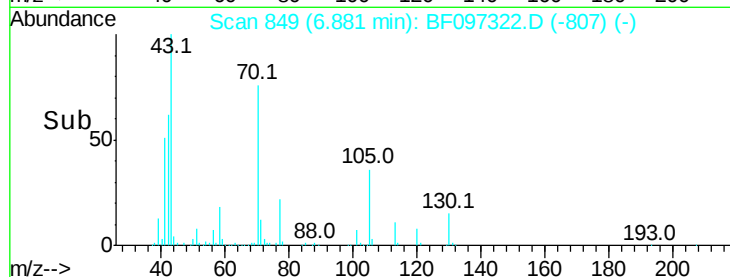
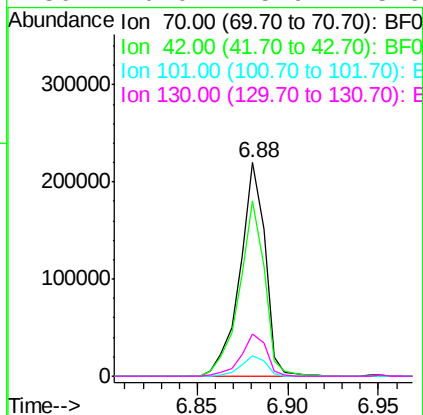
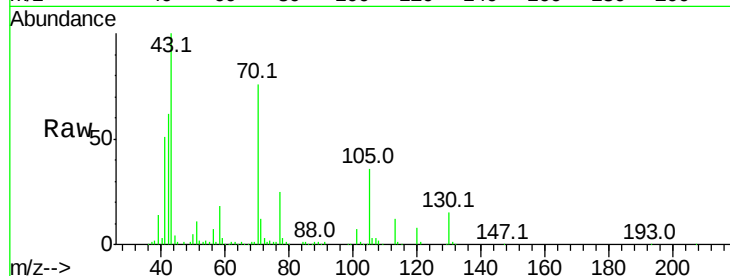




#19
n-Nitroso-di-n-propylamine
Concen: 39.107 ng
RT: 6.88 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

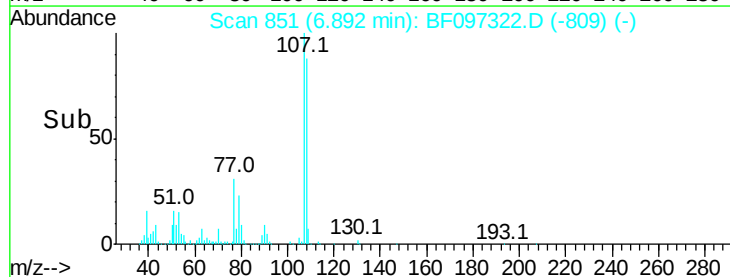
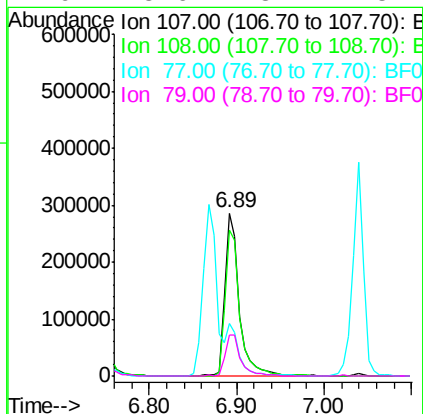
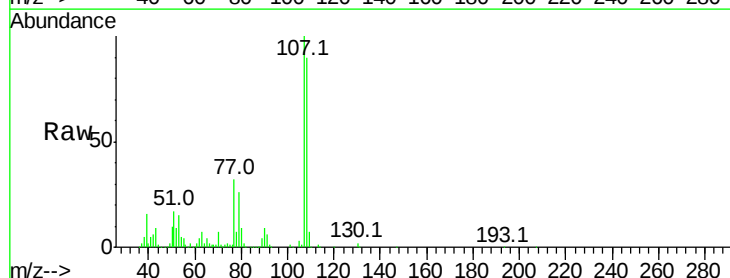
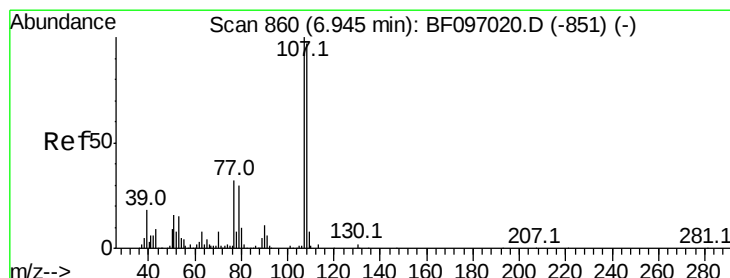
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

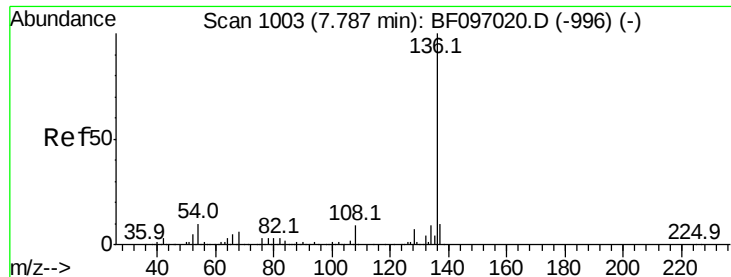
Tot Ion: 70 Resp: 213166
Ion Ratio Lower Upper
70 100
42 81.9 47.2 70.8#
101 9.5 7.2 10.8
130 20.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.890 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:107 Resp: 327514
Ion Ratio Lower Upper
107 100
108 89.6 71.0 111.0
77 32.3 90.5 130.5#
79 25.6 8.4 48.4

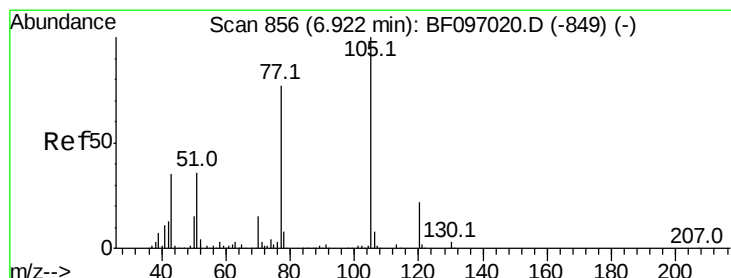
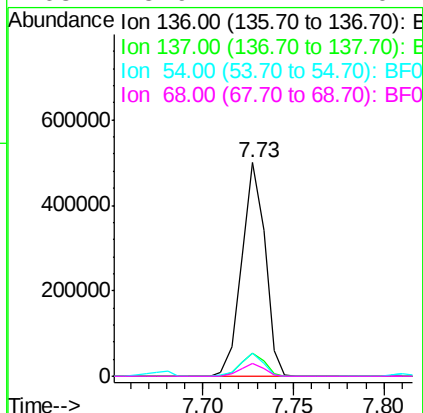
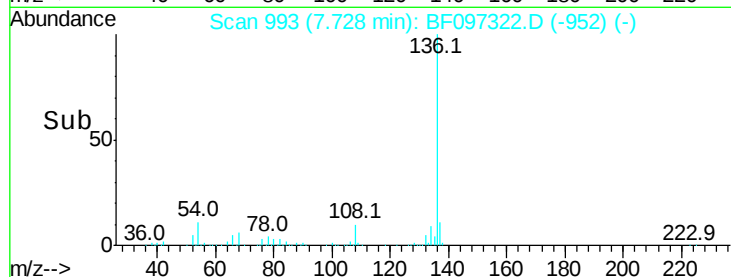
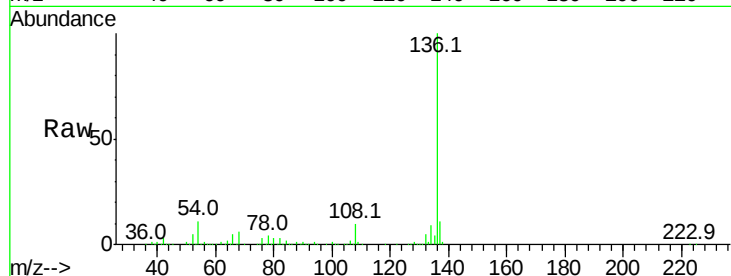




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

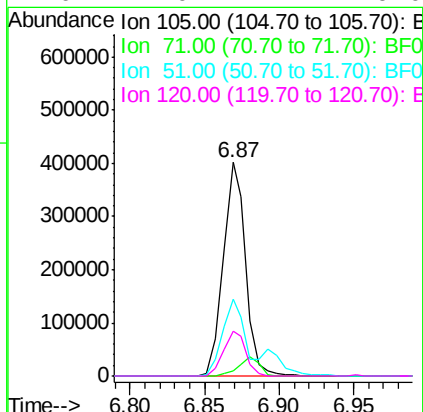
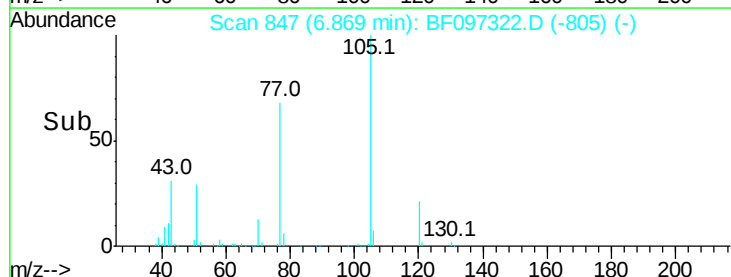
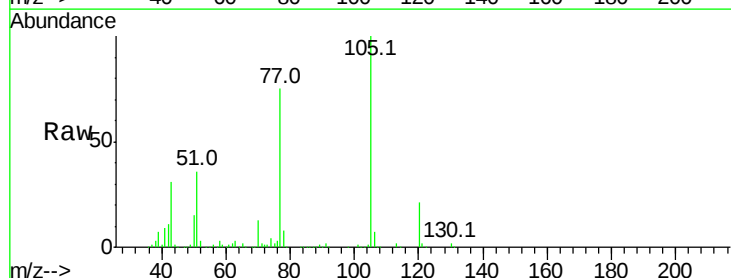
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

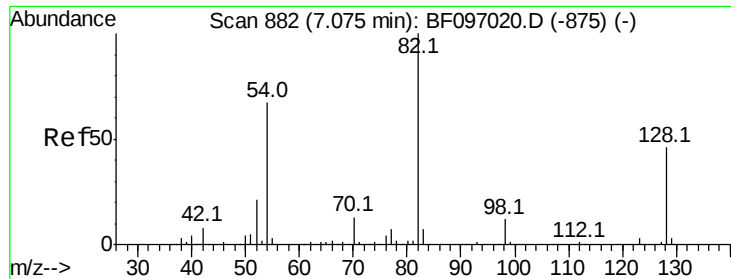
Tot Ion:136	Resp:	447642
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.7	4.9 7.3#
68	5.9	4.1 6.1



#22
Acetophenone
Concen: 39.423 ng
RT: 6.87 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:105	Resp:	423793
Ion Ratio	Lower	Upper
105	100	
71	2.2	2.8 4.2#
51	35.8	30.7 46.1
120	21.0	17.4 26.0

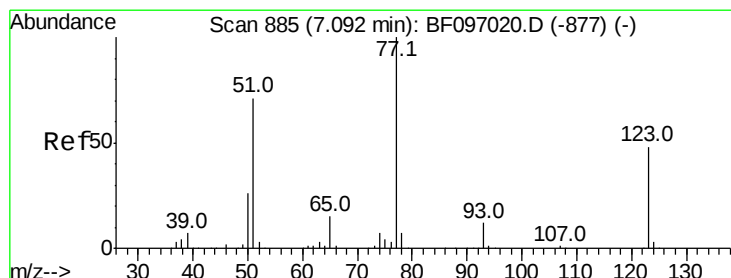
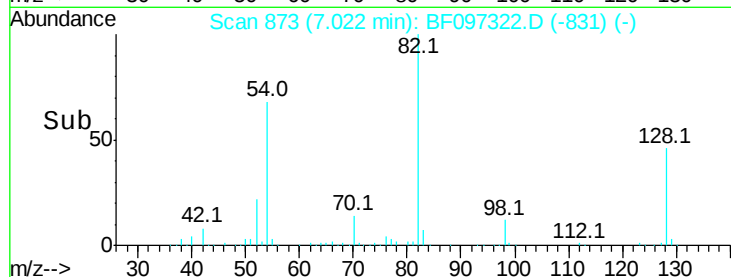
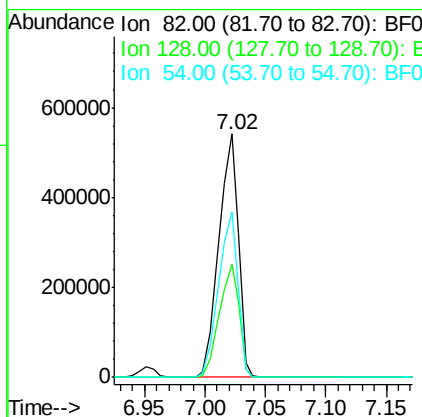
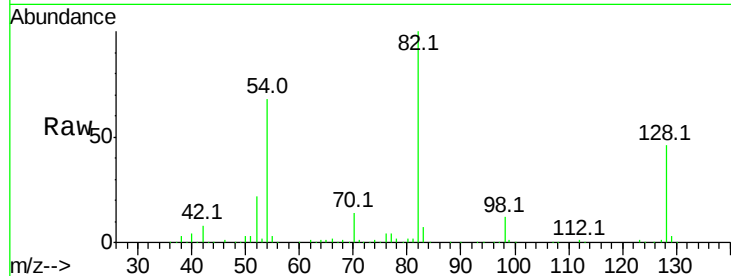




#23
 Nitrobenzene-d5
 Concen: 78.720 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

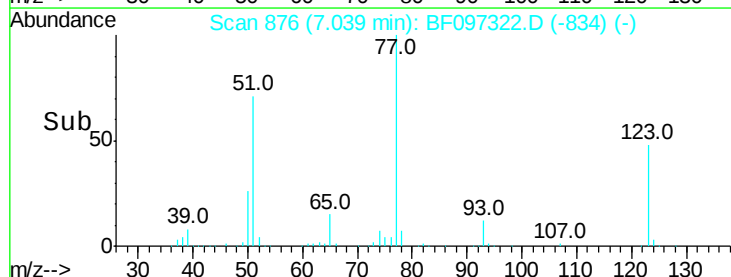
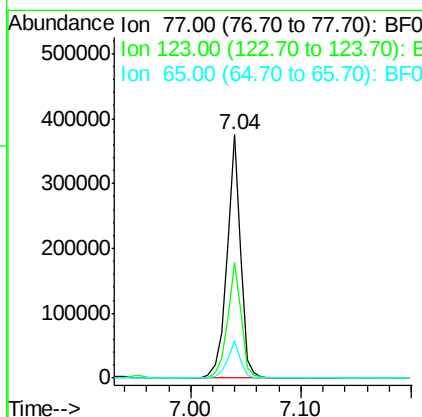
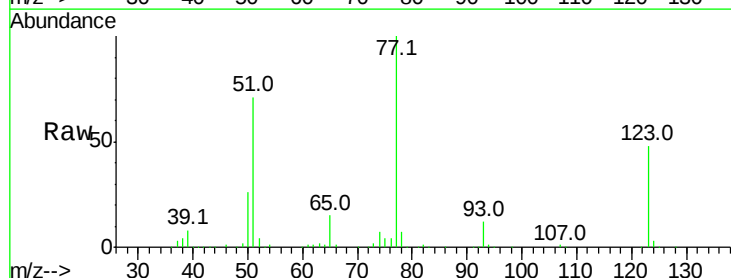
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

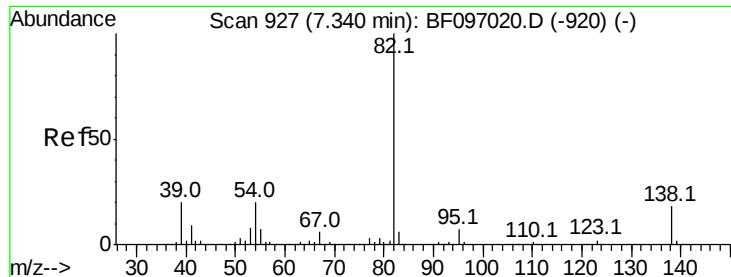
Tot Ion: 82 Resp: 600685
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 67.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.544 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion: 77 Resp: 322211
 Ion Ratio Lower Upper
 77 100
 123 47.7 35.8 53.8
 65 15.2 10.6 15.8





#25

Isophorone

Concen: 36.825 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

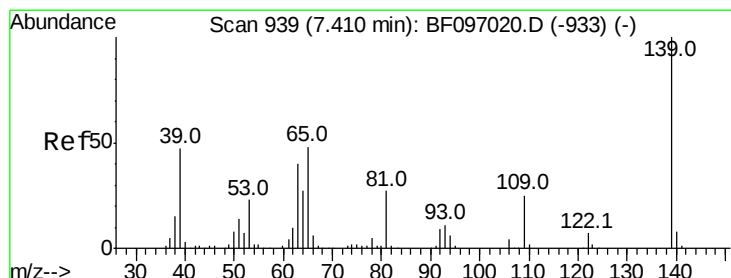
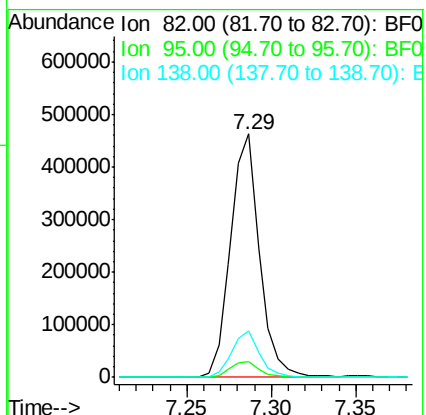
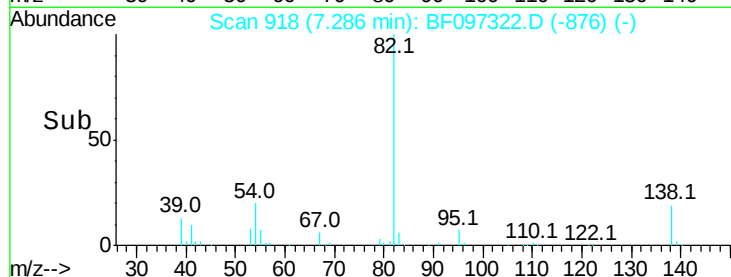
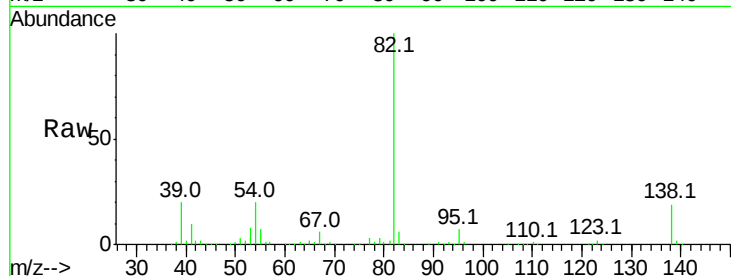
Tot Ion: 82 Resp: 550292

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 41.035 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

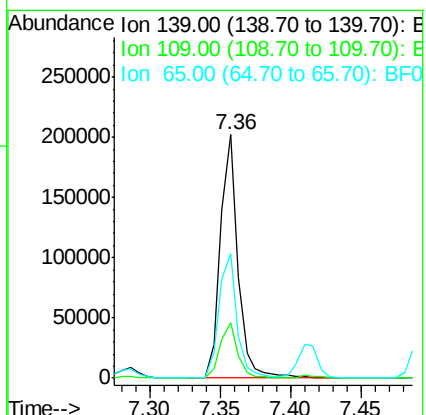
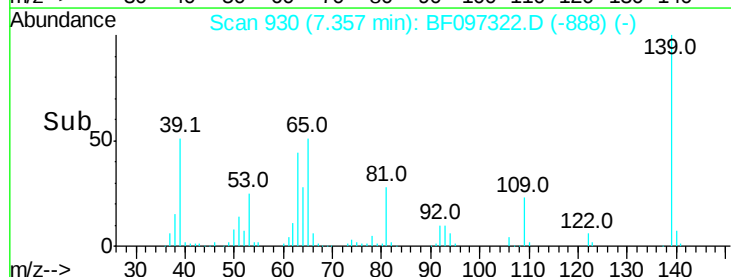
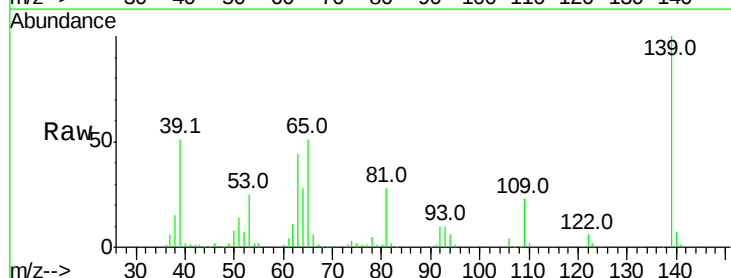
Tgt Ion:139 Resp: 176433

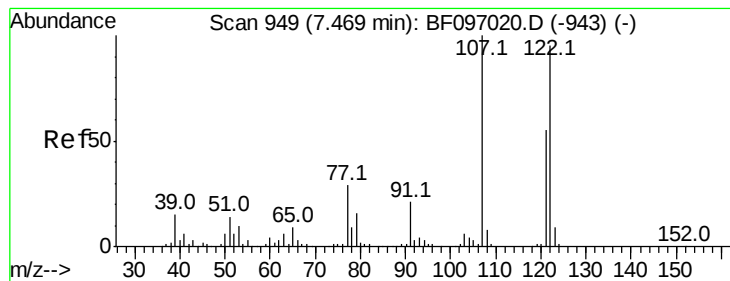
Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

65 51.2 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 38.556 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

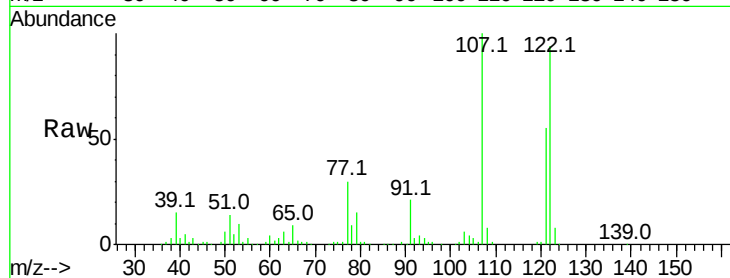
Tot Ion:122 Resp: 273459

Ion Ratio Lower Upper

122 100

107 106.1 89.2 133.8

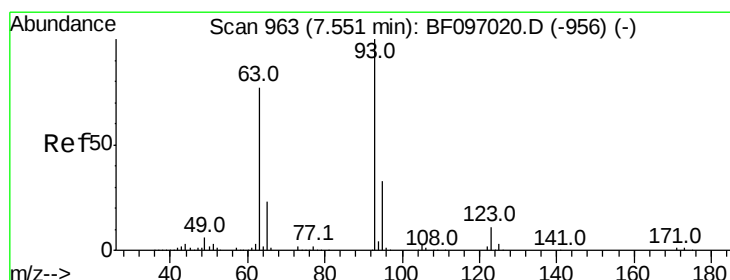
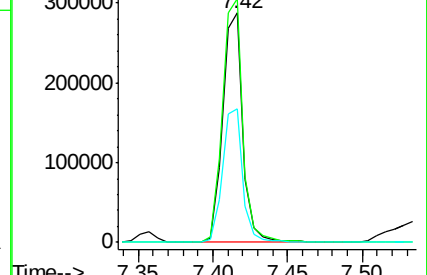
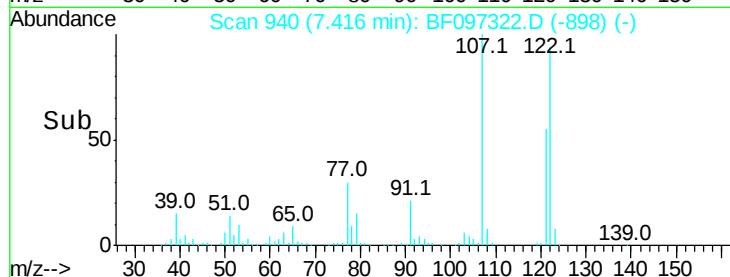
121 58.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.813 ng

RT: 7.50 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

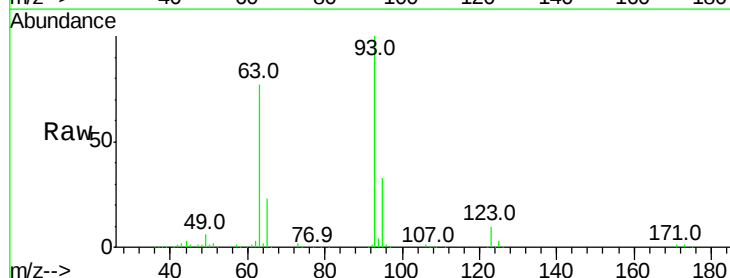
Tgt Ion: 93 Resp: 368748

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

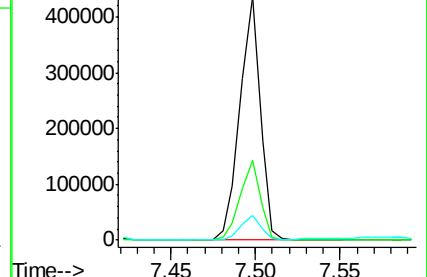
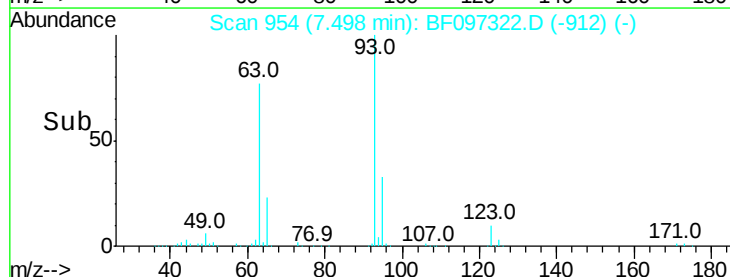
123 10.1 9.0 13.4

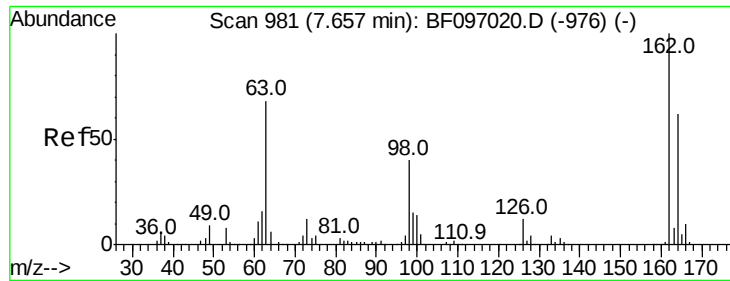


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

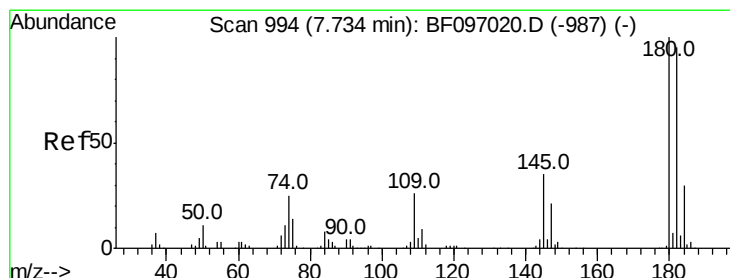
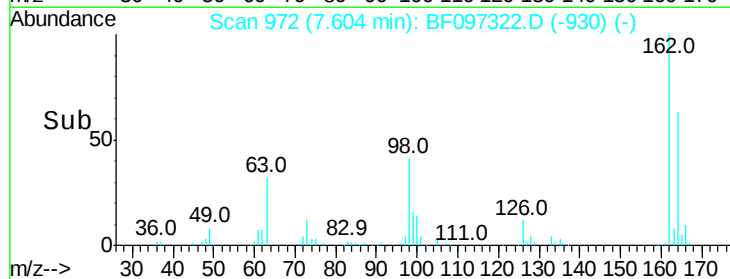
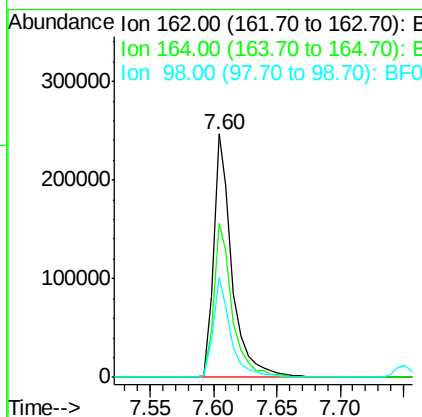
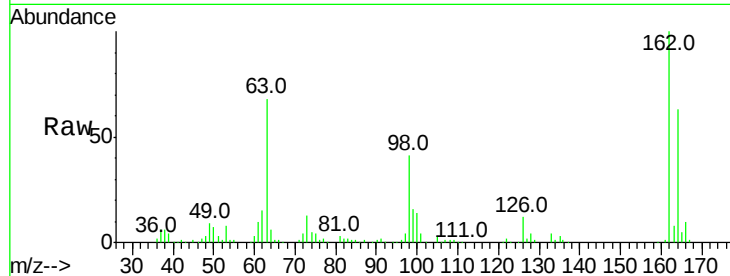




#29
 2,4-Dichlorophenol
 Concen: 41.174 ng
 RT: 7.60 min Scan# 972
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

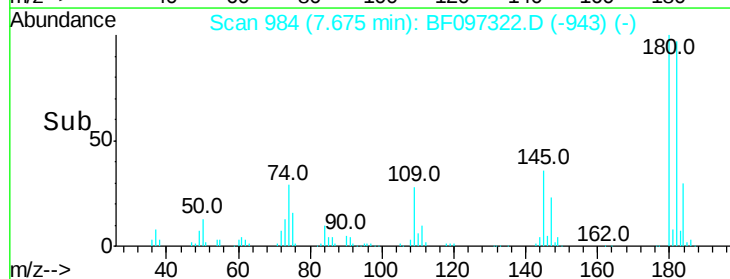
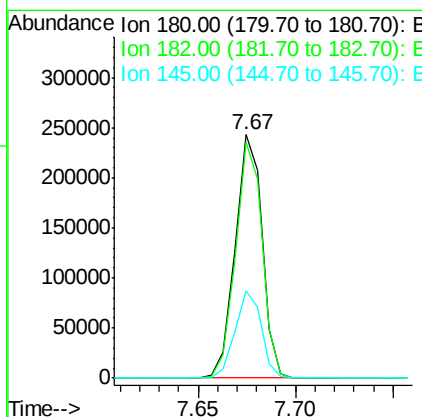
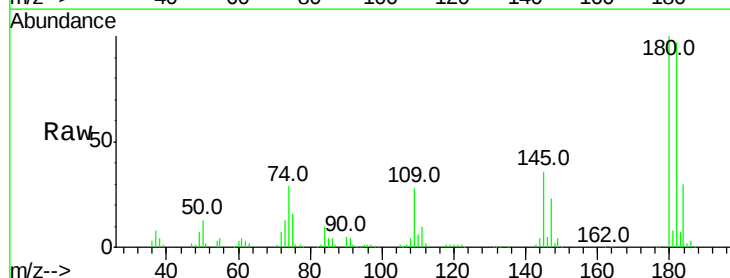
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

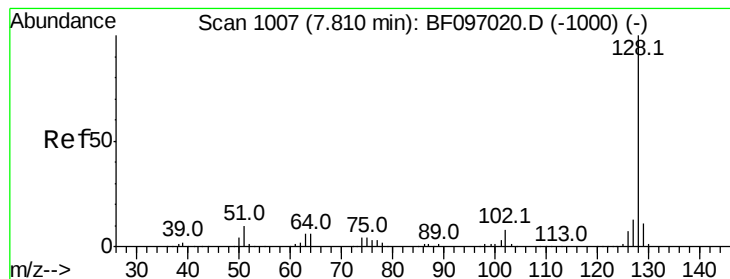
Tot Ion:	162	Resp:	251575
Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	41.0	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.903 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:	180	Resp:	232393
Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	35.8	25.3	37.9





#31

Naphthalene

Concen: 41.647 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

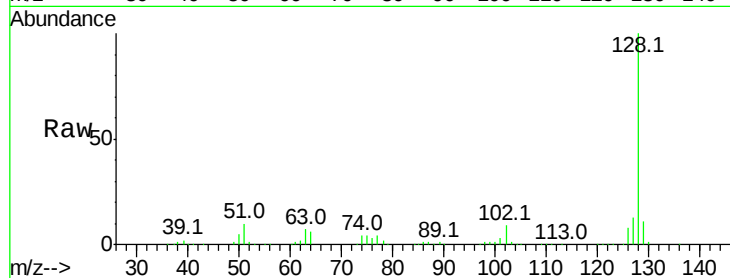
Tot Ion:128 Resp: 878806

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

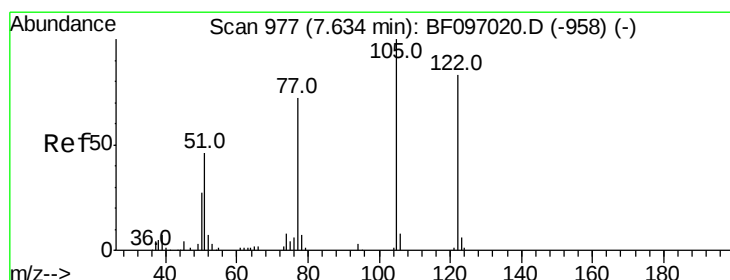
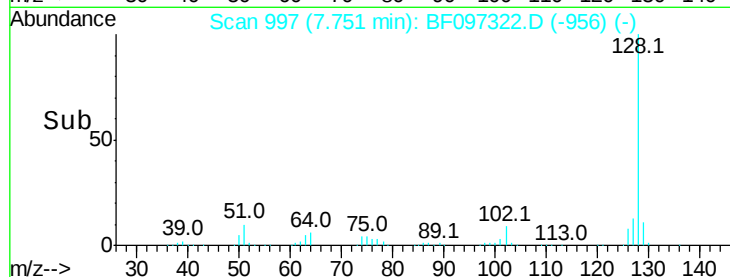
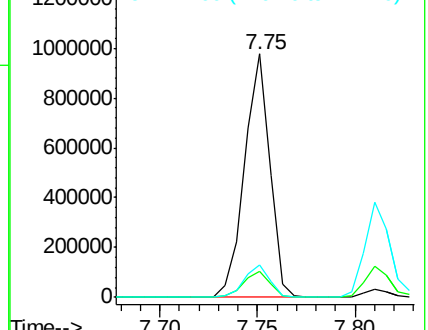
127 13.3 10.8 16.2



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: 40.600 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

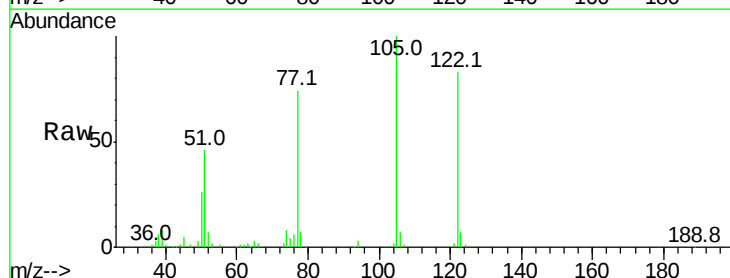
Tgt Ion:122 Resp: 215019

Ion Ratio Lower Upper

122 100

105 120.4 103.3 143.3

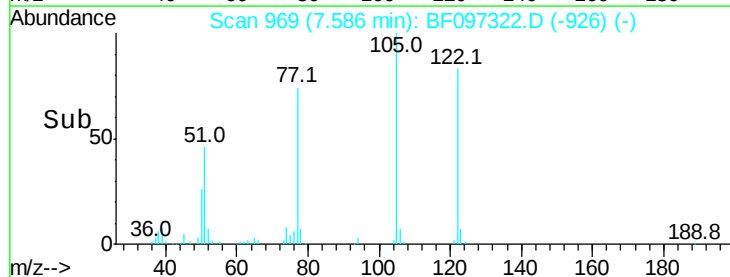
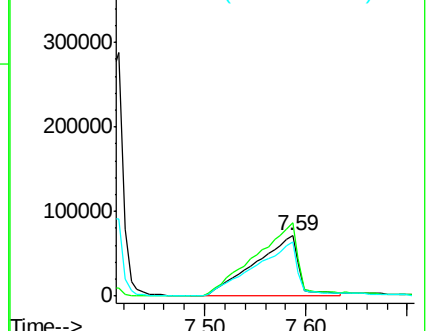
77 88.7 73.7 113.7

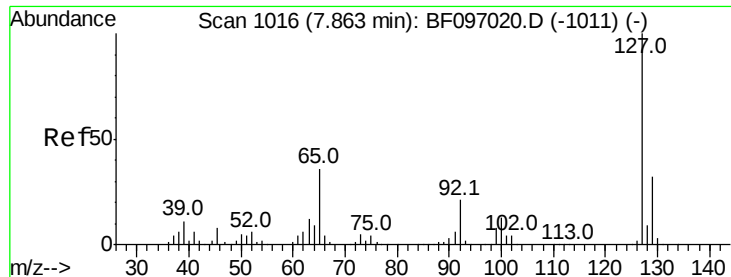


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

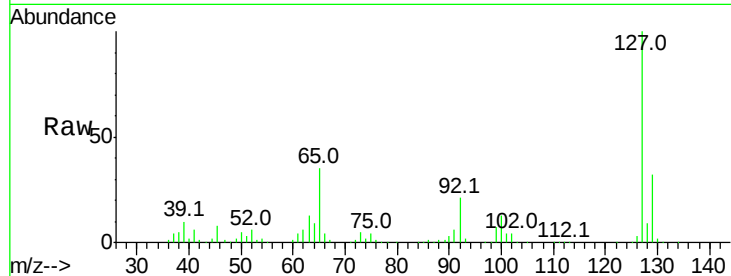




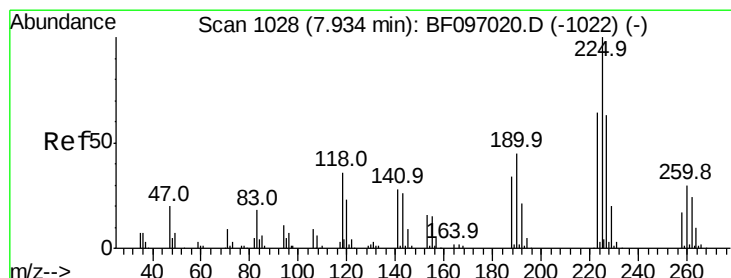
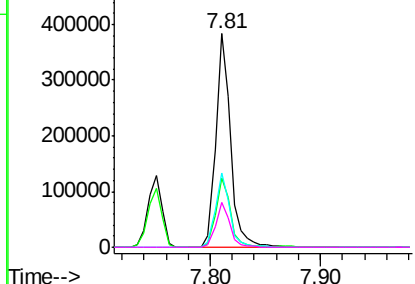
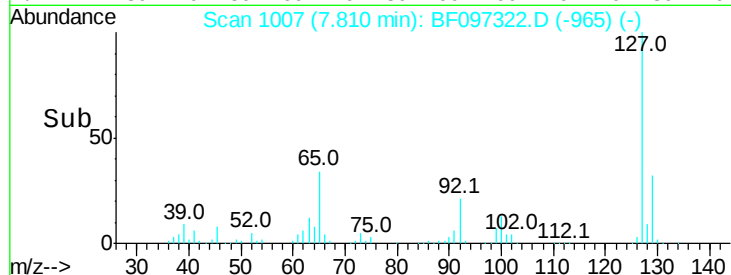
#33
4-Chloroaniline
Concen: 40.873 ng
RT: 7.81 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	350937
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	34.8	27.8	41.8
92	20.7	16.8	25.2

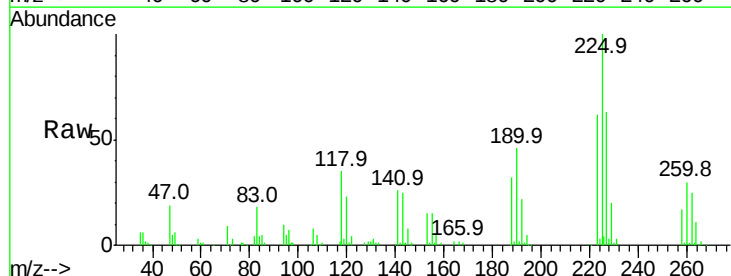


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

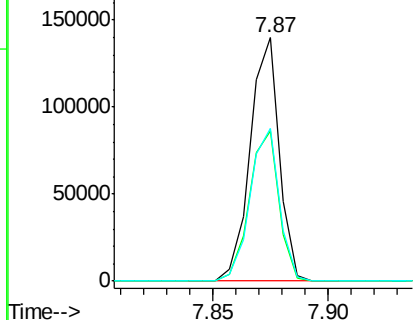
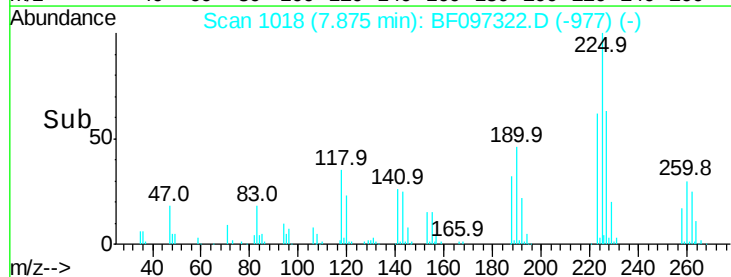


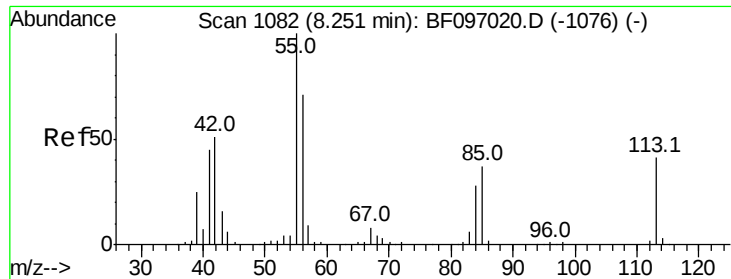
#34
Hexachlorobutadiene
Concen: 39.981 ng
RT: 7.87 min Scan# 1018
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:	225	Resp:	123443
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	62.7	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

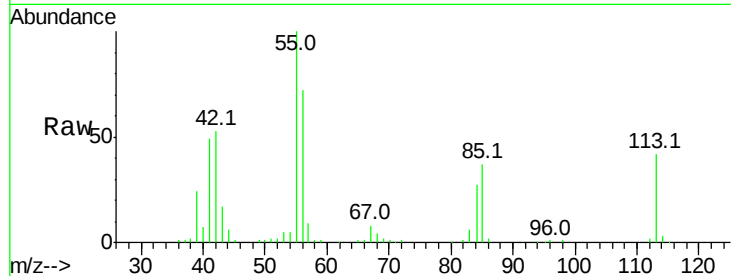




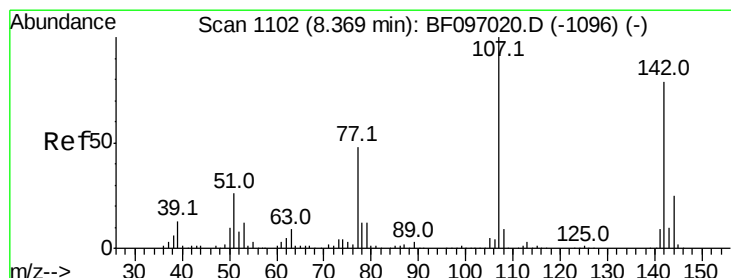
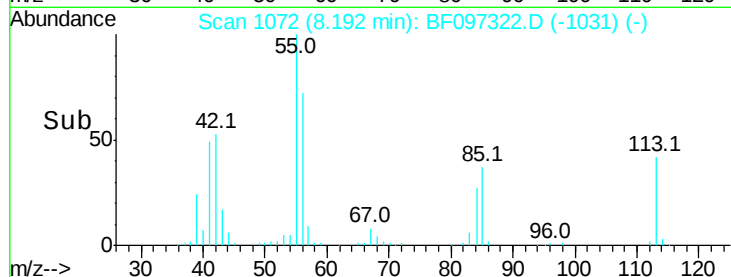
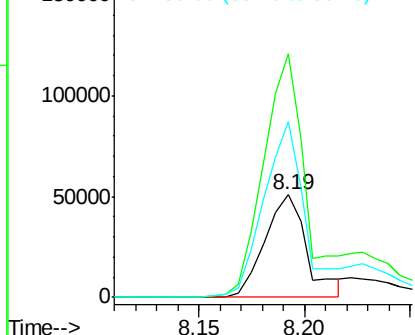
#35
Caprolactam
Concen: 35.884 ng
RT: 8.19 min Scan# 1072
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 70305
Ion Ratio Lower Upper
113 100
55 237.6 150.2 190.2#
56 172.1 107.8 147.8#

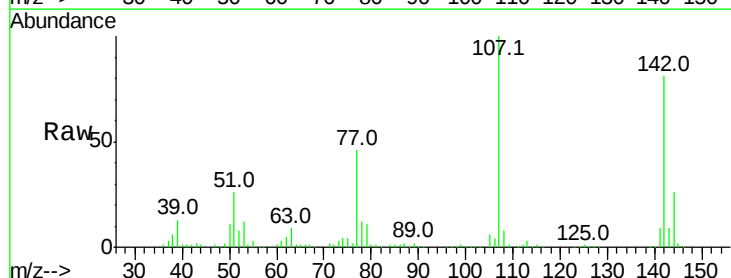


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

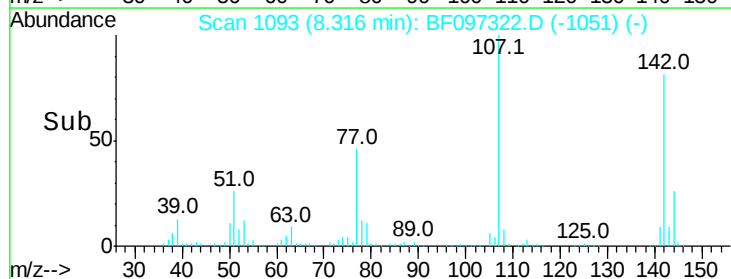
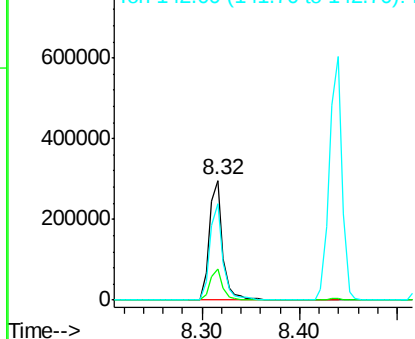


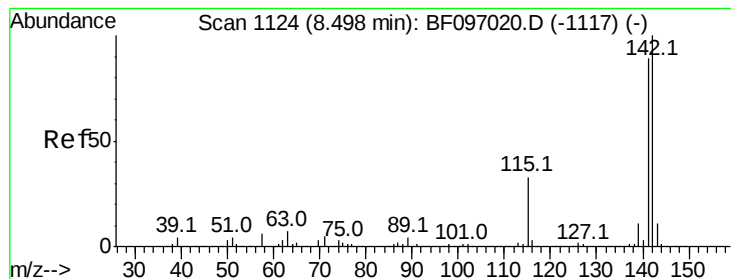
#36
4-Chloro-3-methylphenol
Concen: 41.953 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:107 Resp: 279654
Ion Ratio Lower Upper
107 100
144 26.1 24.2 36.4
142 80.6 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: 40.718 ng

RT: 8.44 min Scan# 1114

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

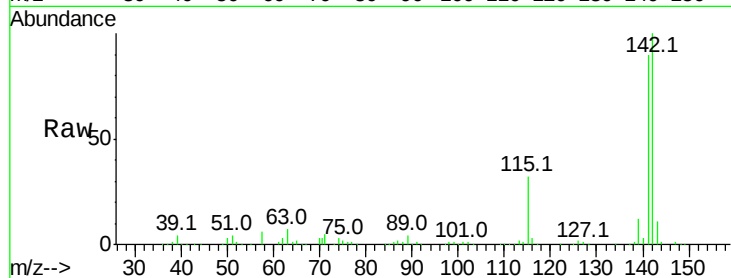
Tot Ion:142 Resp: 544002

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

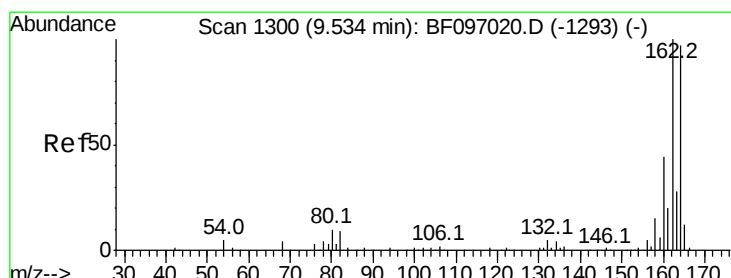
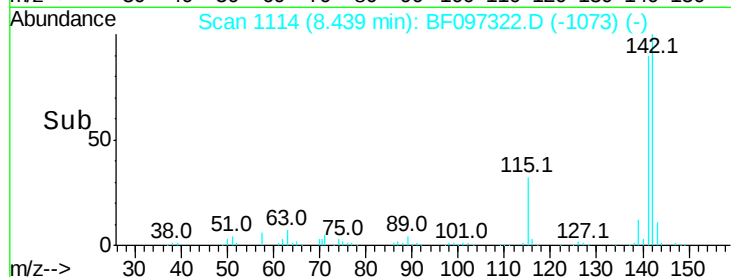
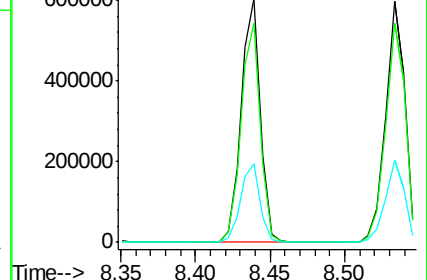
115 32.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

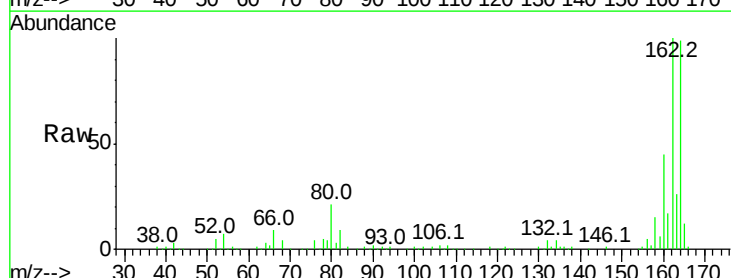
Tgt Ion:164 Resp: 199081

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

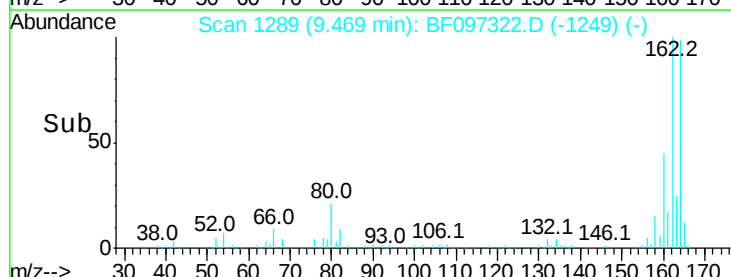
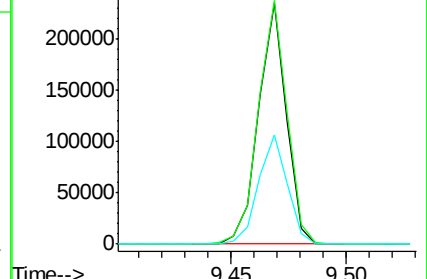
160 45.6 36.2 54.2

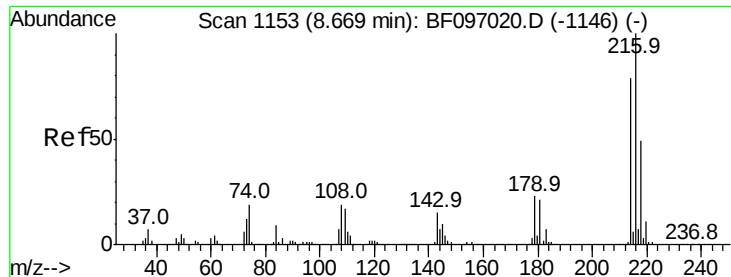


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.556 ng

RT: 8.61 min Scan# 1143

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 215434

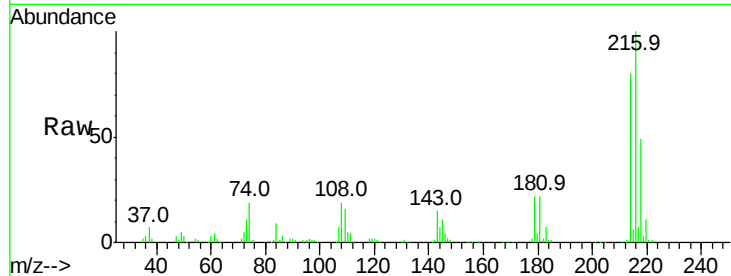
Ion Ratio Lower Upper

216 100

214 80.5 63.4 95.2

179 22.5 17.9 26.9

108 21.9 16.5 24.7

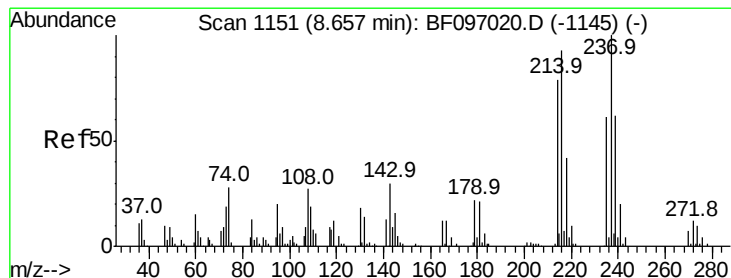
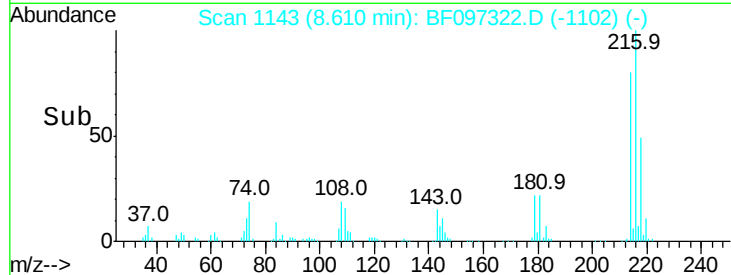
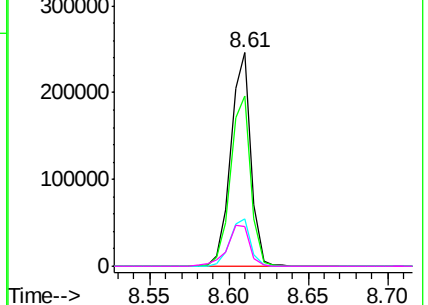


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.113 ng

RT: 8.59 min Scan# 1140

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

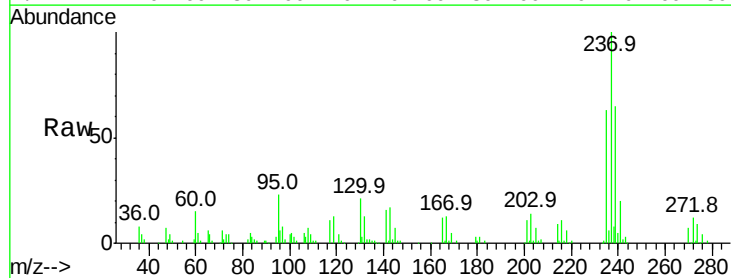
Tgt Ion:237 Resp: 82029

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

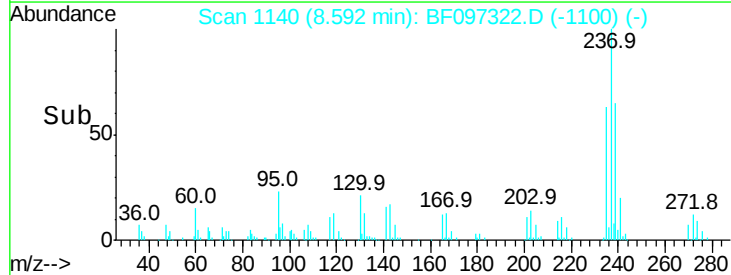
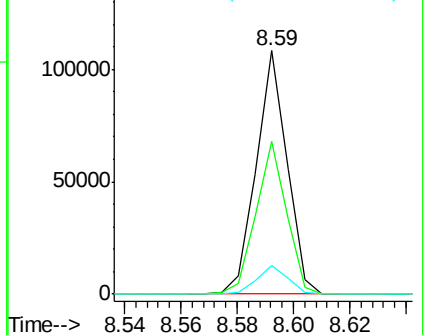
272 11.9 0.0 31.9

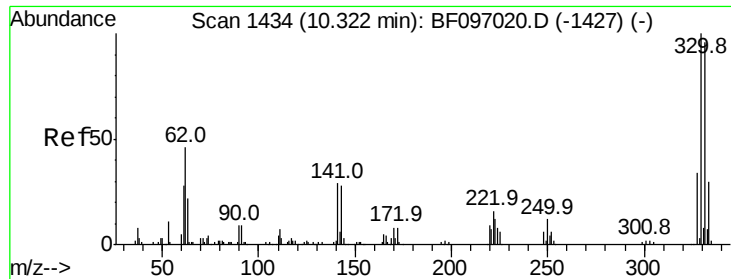


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

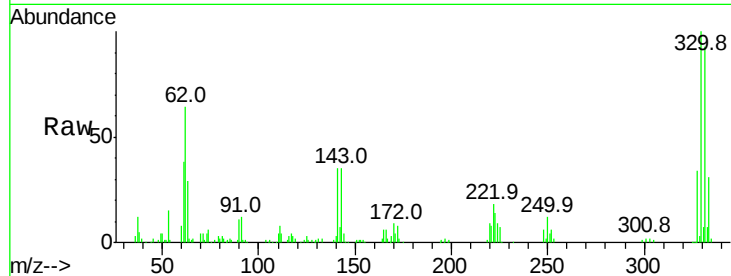




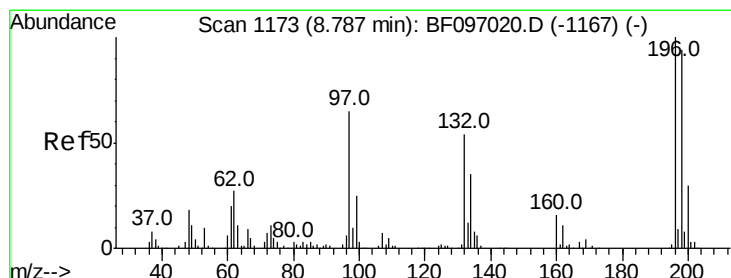
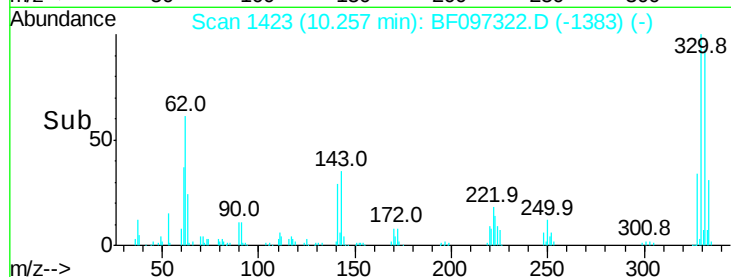
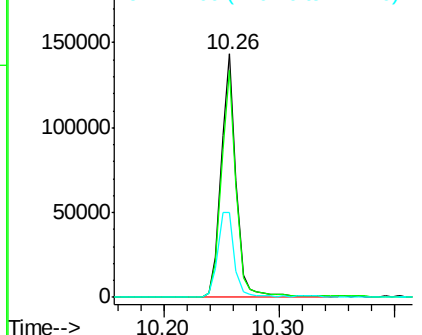
#41
 2,4,6-Tribromophenol
 Concen: 83.011 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 130571
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.6 115.0
 141 39.3 31.4 47.2

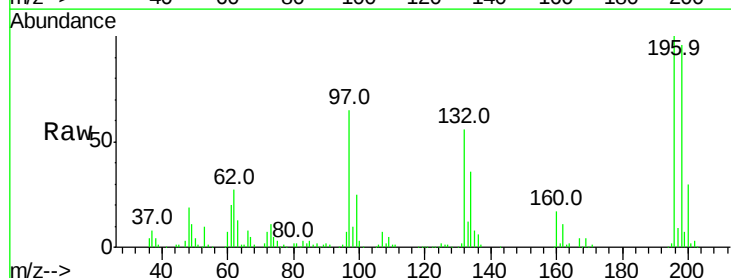


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

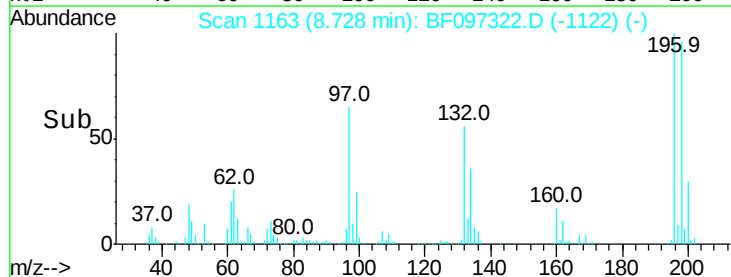
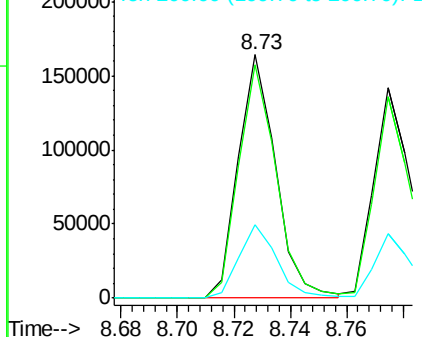


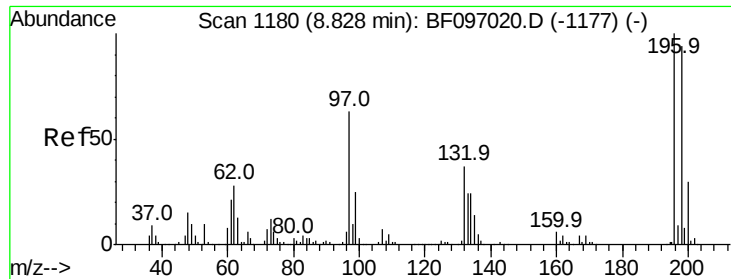
#42
 2,4,6-Trichlorophenol
 Concen: 39.495 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:196 Resp: 152035
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.2 111.4
 200 30.1 24.0 36.0



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

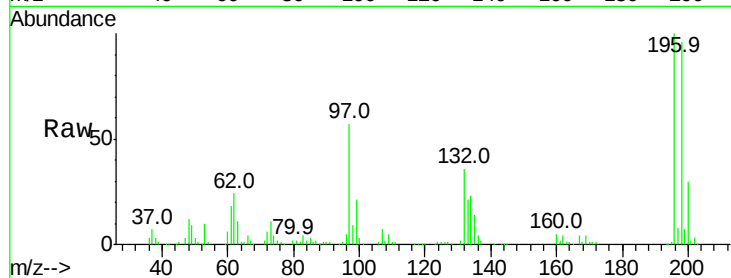




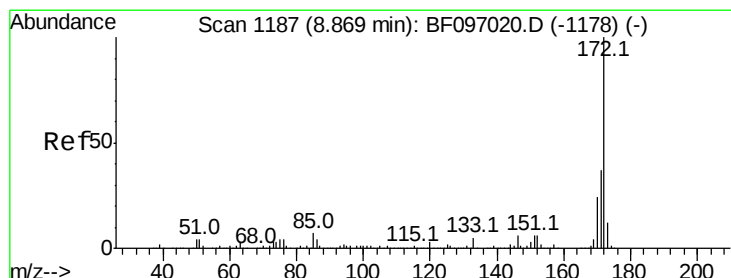
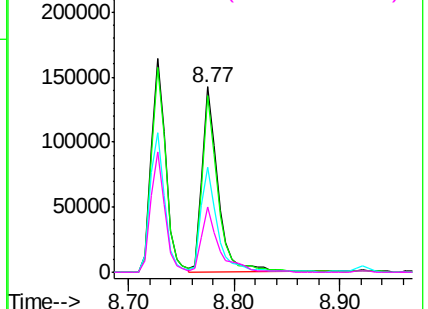
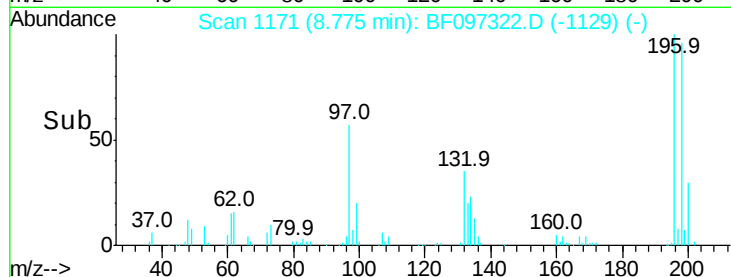
#43
 2,4,5-Trichlorophenol
 Concen: 38.513 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	148390
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
97	57.1	47.7	71.5
132	35.6	28.0	42.0

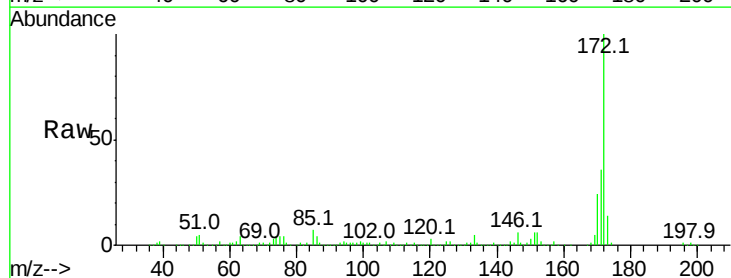


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

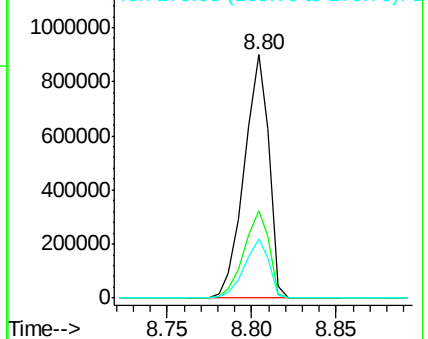
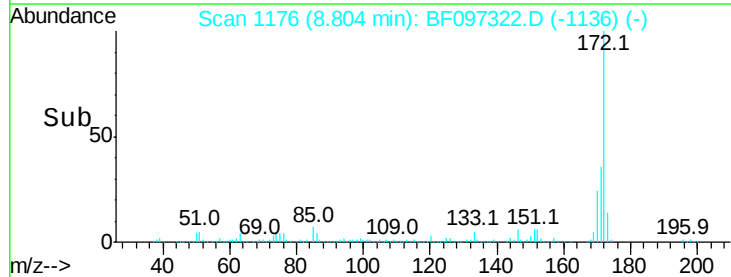


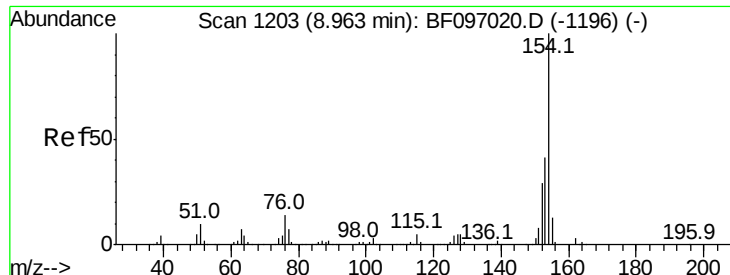
#44
 2-Fluorobiphenyl
 Concen: 78.446 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:	172	Resp:	920229
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8



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

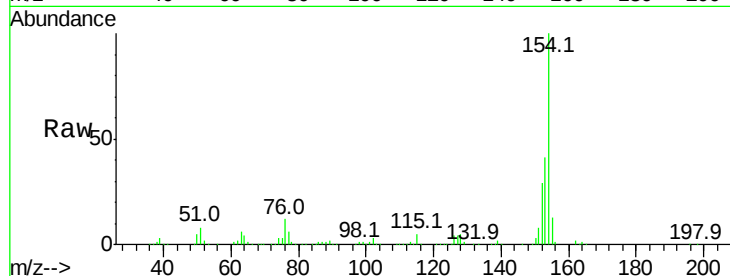




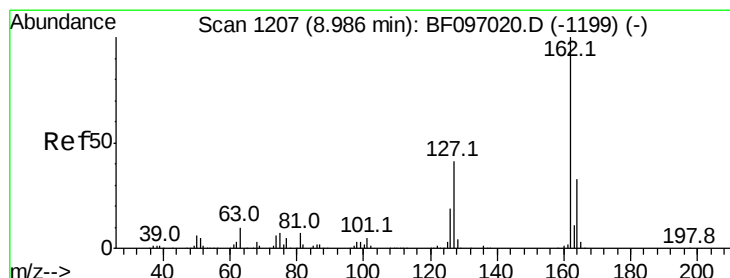
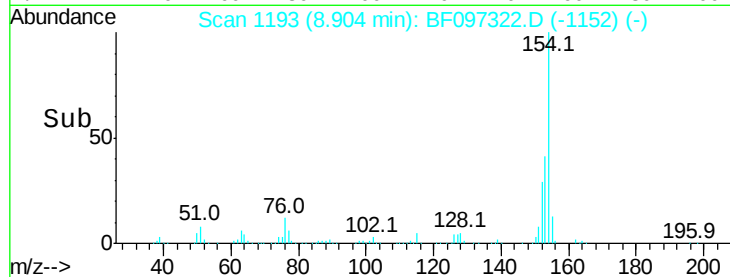
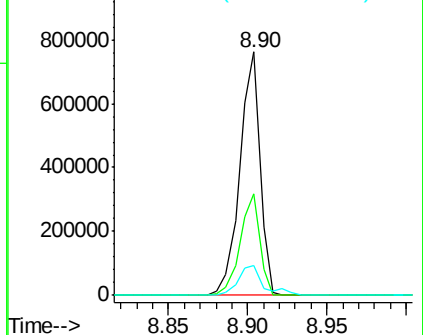
#45
 1,1'-Biphenyl
 Concen: 39.531 ng
 RT: 8.90 min Scan# 1193
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	12.5	0.0	29.9

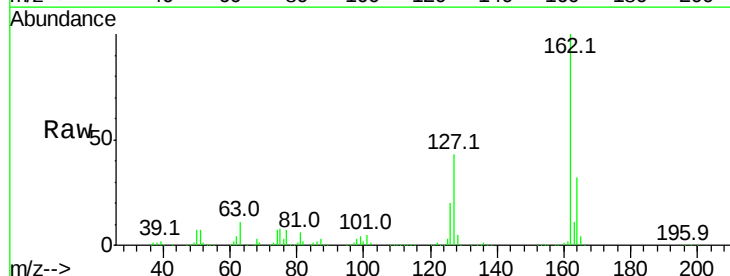


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

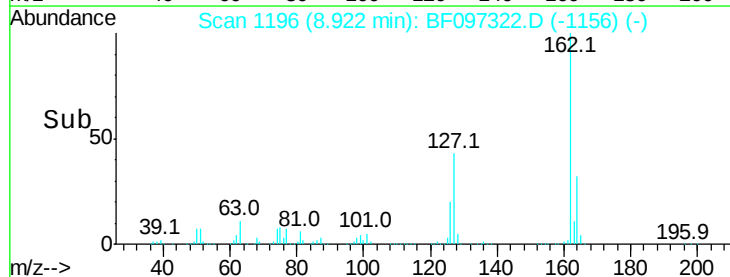
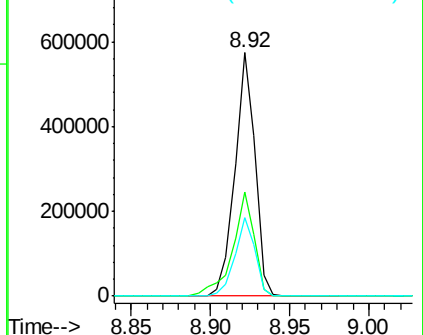


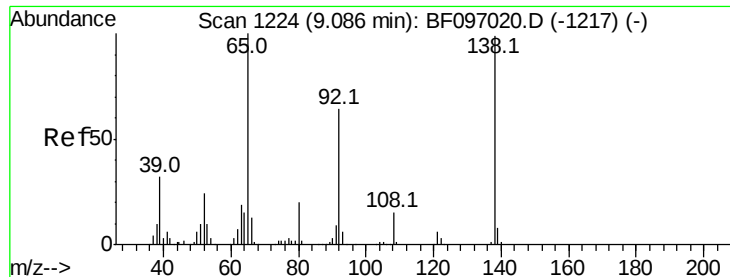
#46
 2-Chloronaphthalene
 Concen: 40.393 ng
 RT: 8.92 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	28.3	42.5#
164	32.4	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: 42.632 ng

RT: 9.03 min Scan# 1214

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

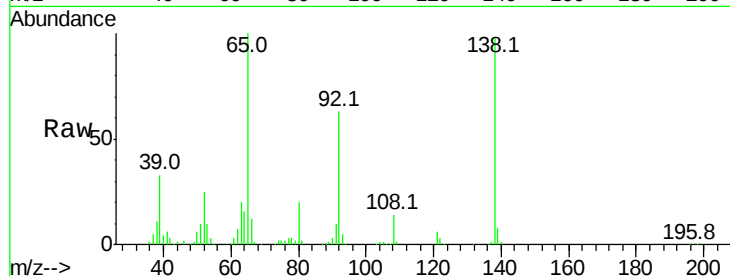
Tot Ion: 65 Resp: 193600

Ion Ratio Lower Upper

65 100

92 62.9 53.9 80.9

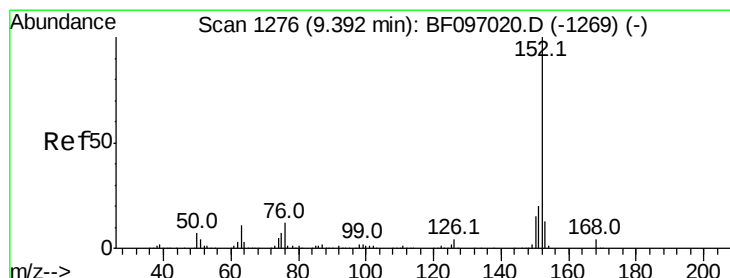
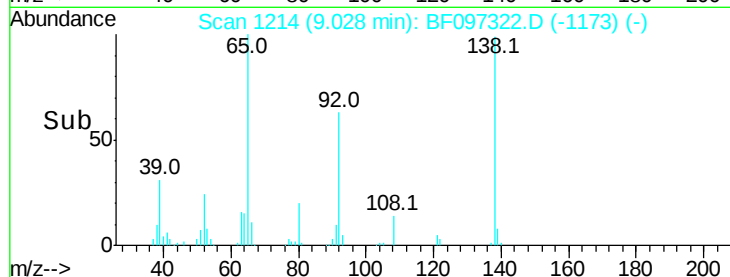
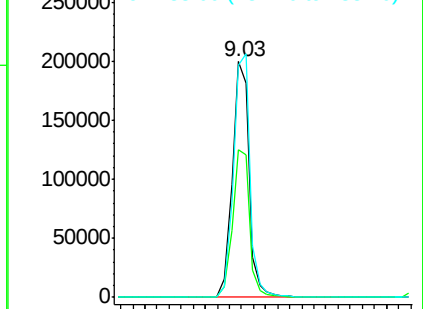
138 98.3 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.436 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

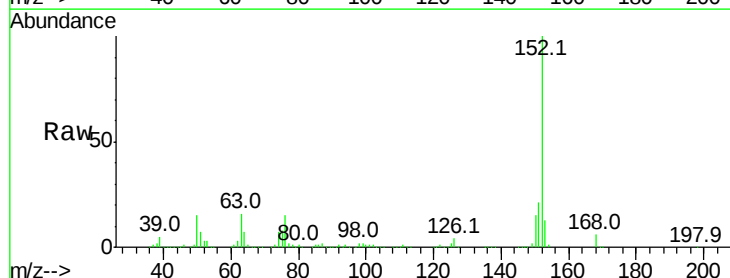
Tgt Ion: 152 Resp: 738240

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

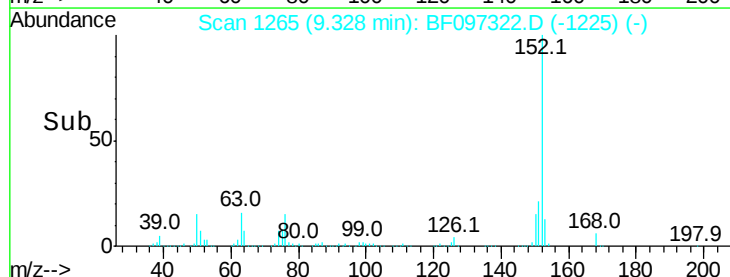
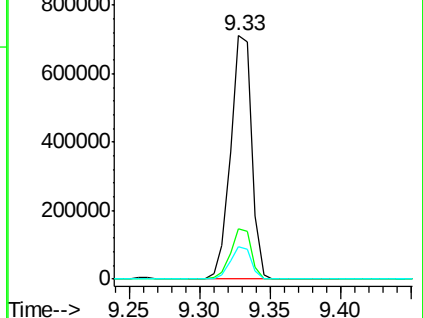
153 13.2 10.8 16.2

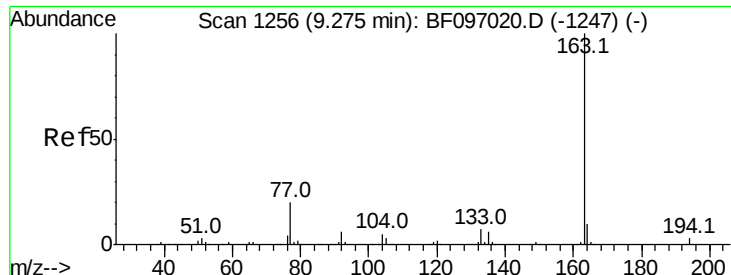


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

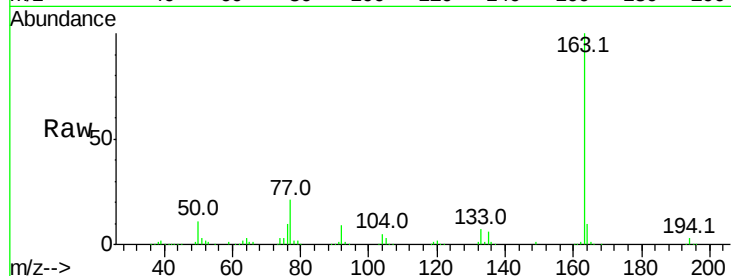




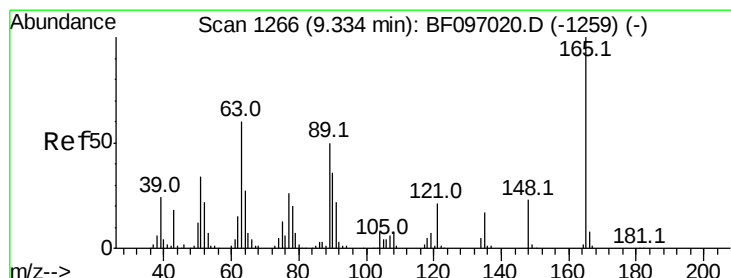
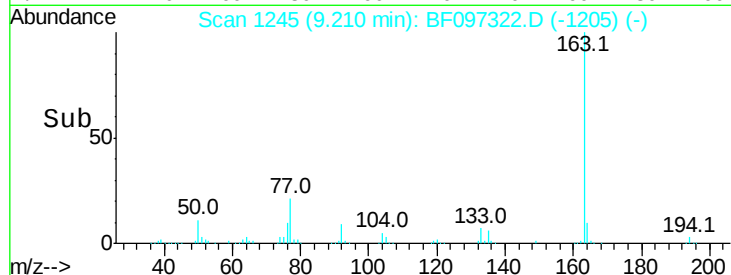
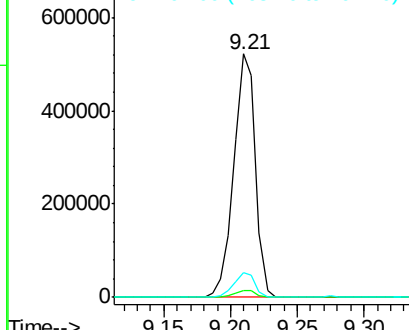
#49
Dimethylphthalate
Concen: 39.106 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 591193
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.4 12.6

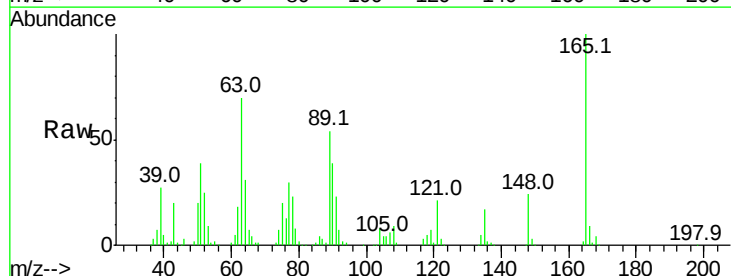


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

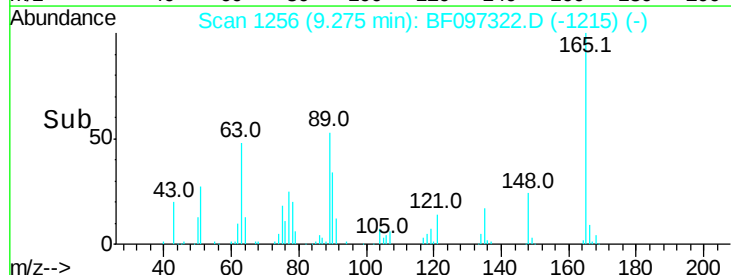
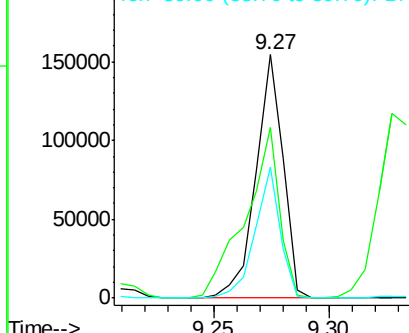


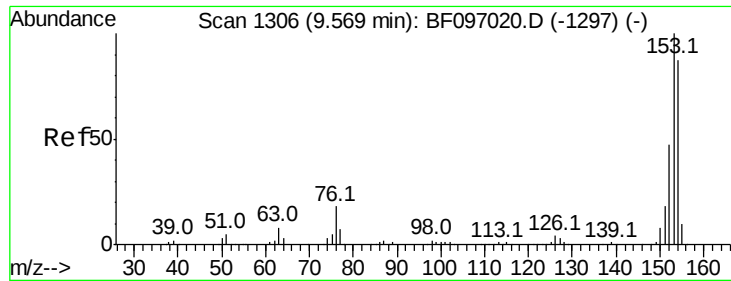
#50
2,6-Dinitrotoluene
Concen: 39.685 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:165 Resp: 127245
Ion Ratio Lower Upper
165 100
63 70.0 34.3 51.5#
89 53.6 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

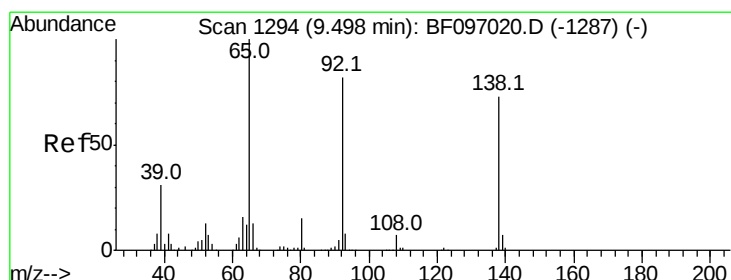
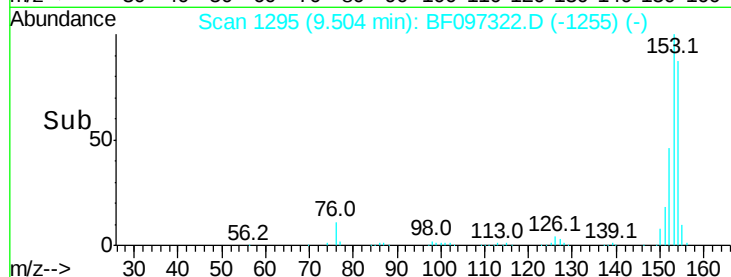
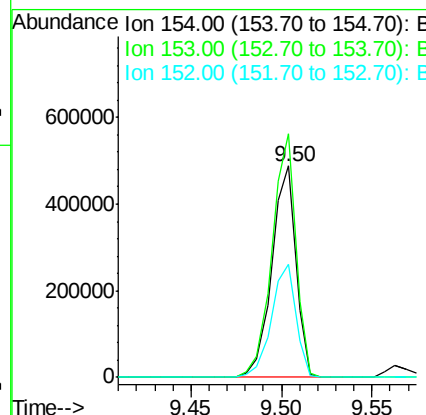
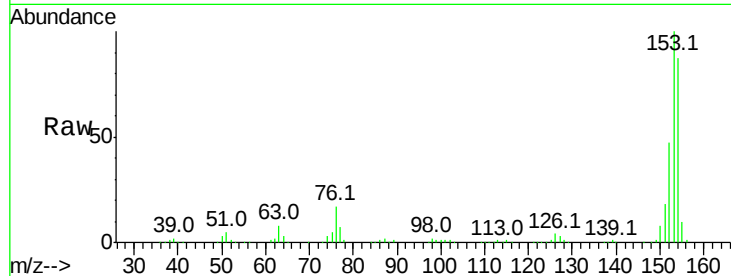




#51
Acenaphthene
Concen: 40.020 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

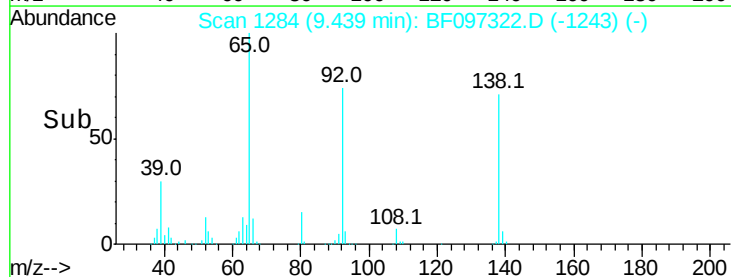
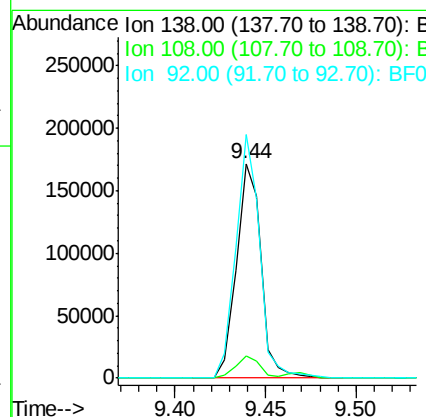
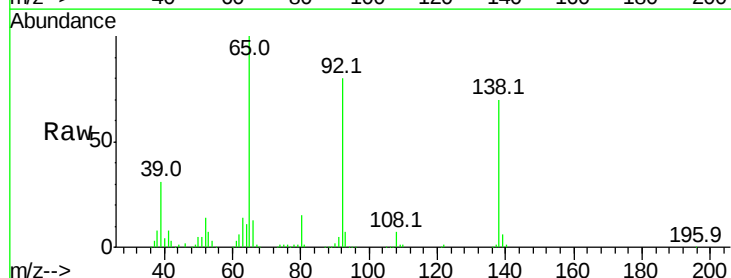
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

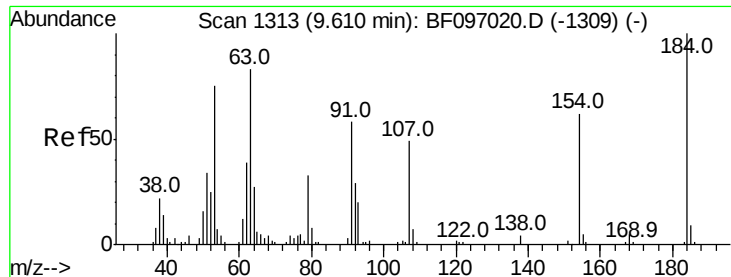
Tot Ion:154 Resp: 452763
Ion Ratio Lower Upper
154 100
153 115.2 90.5 135.7
152 53.6 43.6 65.4



#52
3-Nitroaniline
Concen: 40.763 ng
RT: 9.44 min Scan# 1284
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:138 Resp: 162233
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 113.4 93.8 140.6

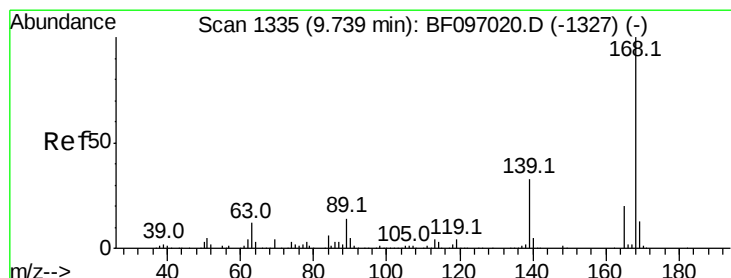
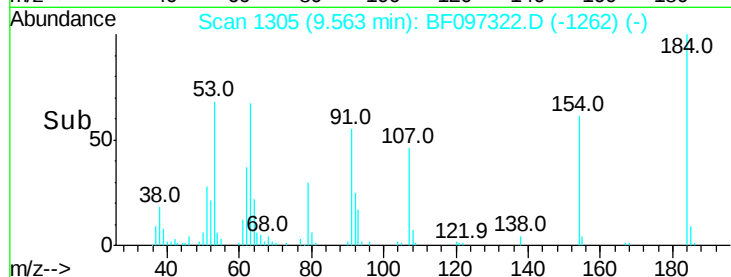
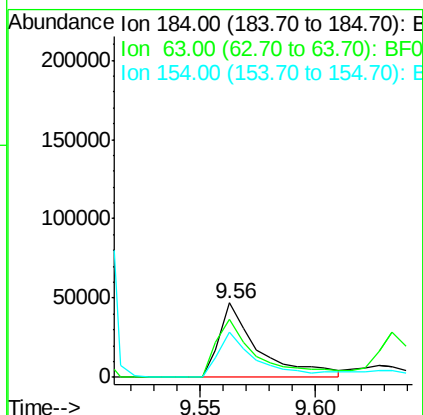
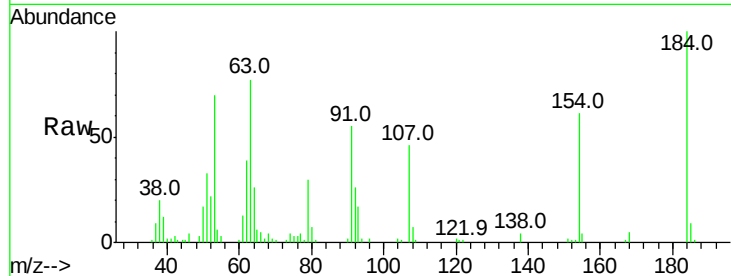




#53
 2,4-Dinitrophenol
 Concen: 38.060 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

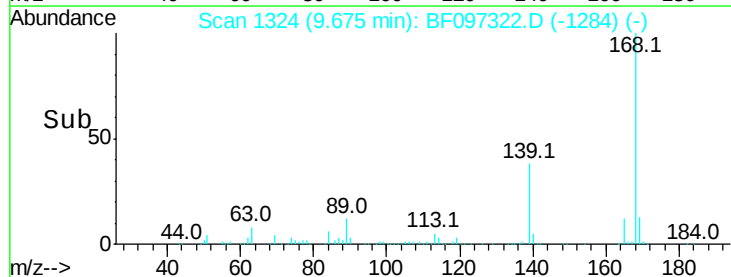
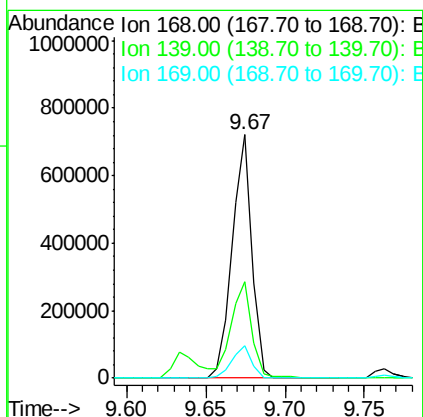
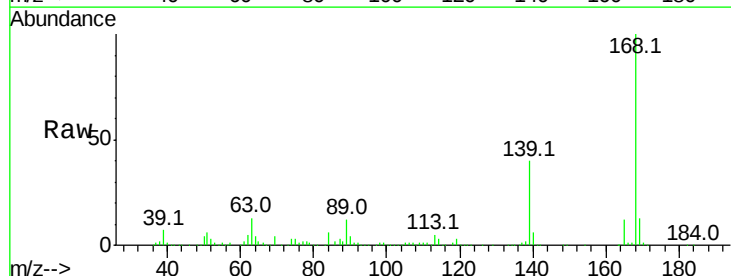
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

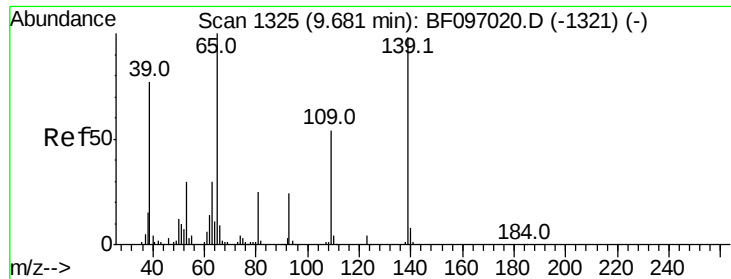
Tot Ion:184 Resp: 55487
 Ion Ratio Lower Upper
 184 100
 63 77.3 62.7 94.1
 154 60.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.112 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:168 Resp: 619530
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.6 45.8
 169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 34.491 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

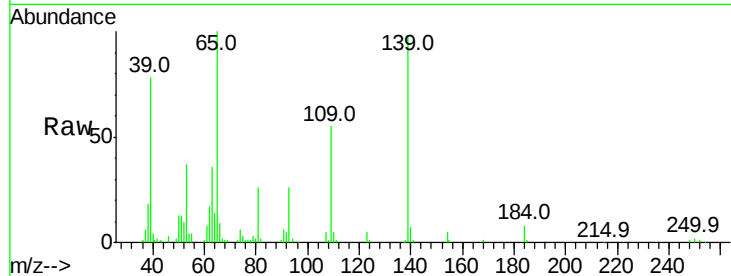
Tot Ion:139 Resp: 81634

Ion Ratio Lower Upper

139 100

109 56.1 34.1 74.1

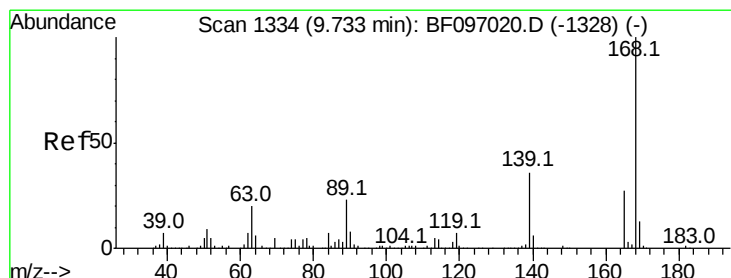
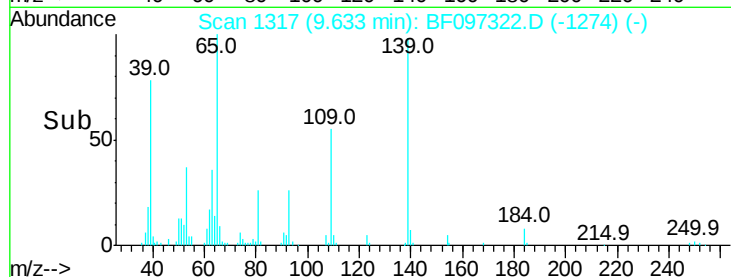
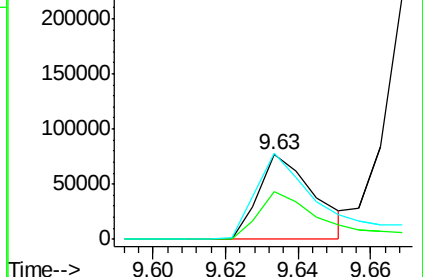
65 102.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.397 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Tgt Ion:165 Resp: 163650

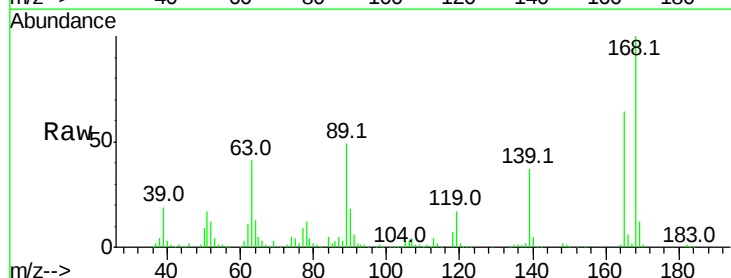
Ion Ratio Lower Upper

165 100

63 63.8 25.4 38.0#

89 76.6 46.4 69.6#

182 2.3 1.8 2.6

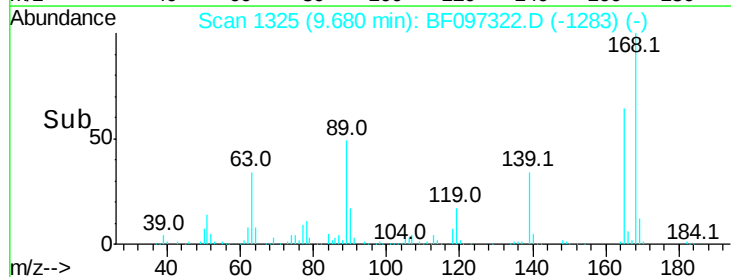
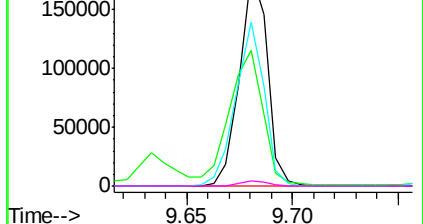


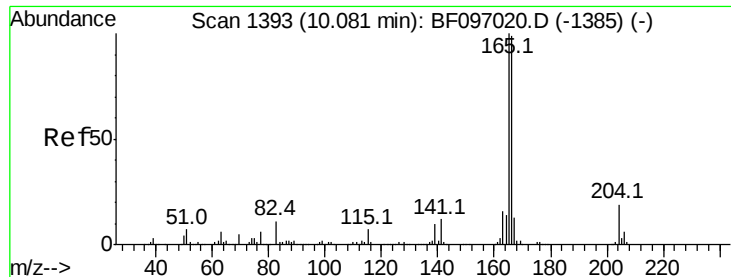
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.252 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

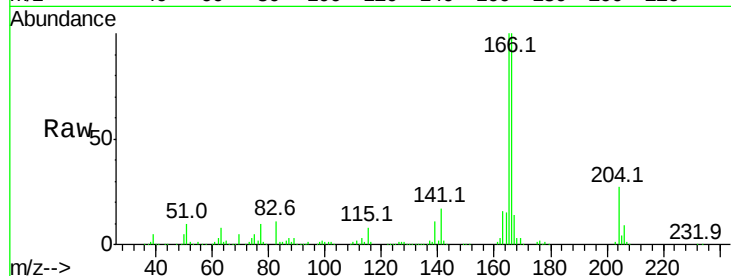
Tot Ion:166 Resp: 467223

Ion Ratio Lower Upper

166 100

165 100.2 78.8 118.2

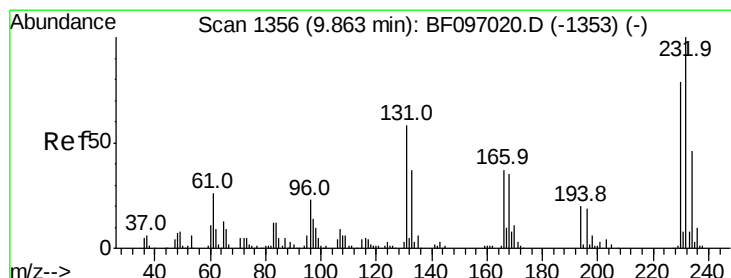
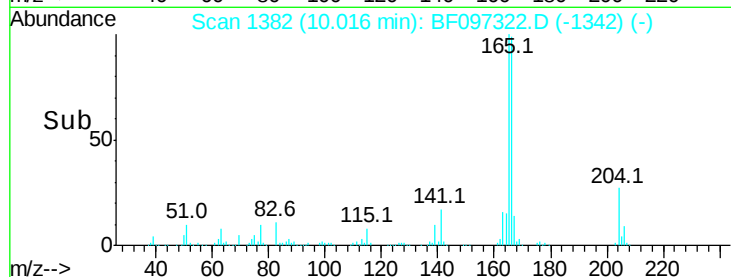
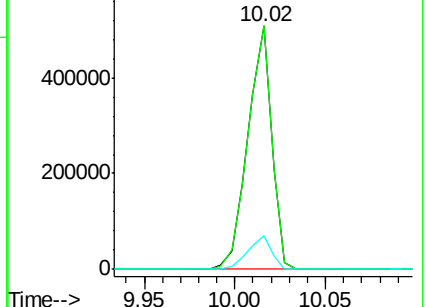
167 13.7 10.6 16.0



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: 41.332 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Tgt Ion:232 Resp: 109958

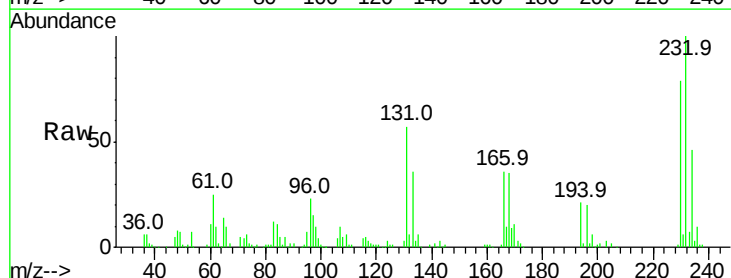
Ion Ratio Lower Upper

232 100

131 54.3 44.8 67.2

130 2.5 2.3 3.5

166 33.5 29.0 43.4

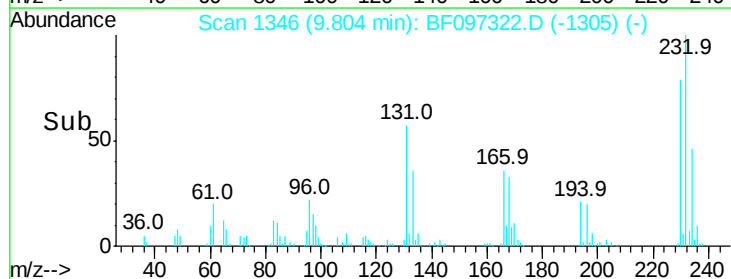
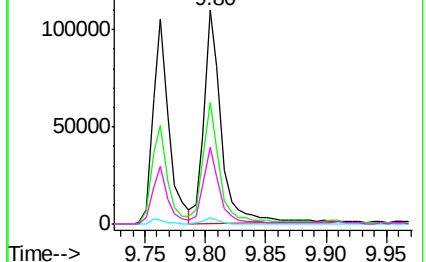


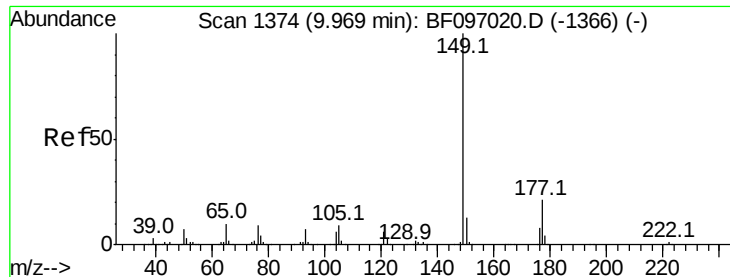
Abundance Ion 232.00 (231.70 to 232.70): E

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

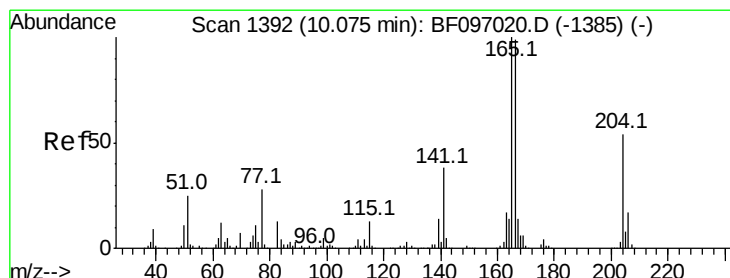
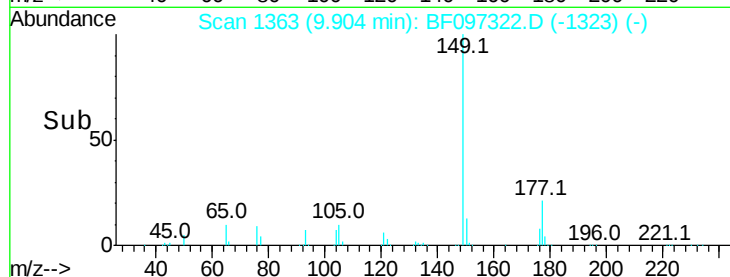
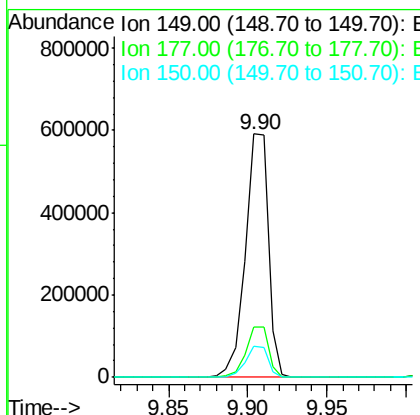
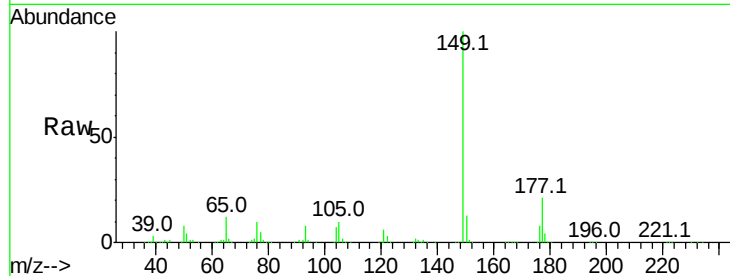




#59
 Diethylphthalate
 Concen: 42.695 ng
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

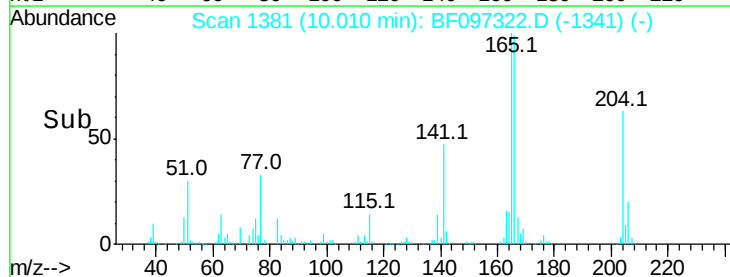
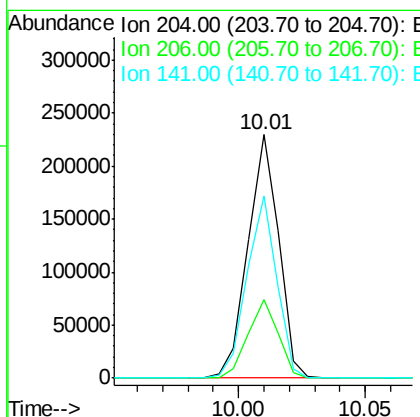
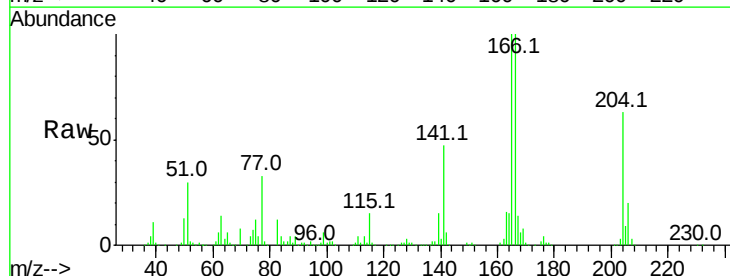
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

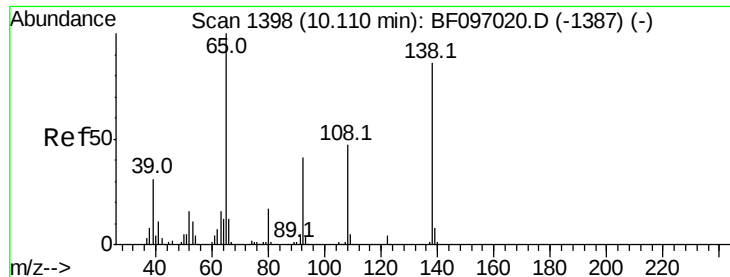
Tot Ion:	149	Resp:	592169
Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.9	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 41.337 ng
 RT: 10.01 min Scan# 1381
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:	204	Resp:	193331
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	74.7	60.8	91.2





#61

4-Nitroaniline

Concen: 40.645 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.05 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

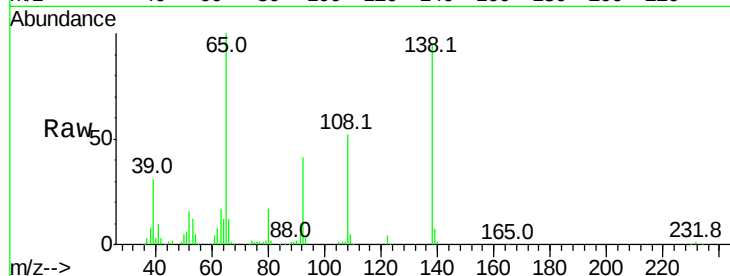
Tot Ion:138 Resp: 153705

Ion Ratio Lower Upper

138 100

92 43.5 21.8 61.8

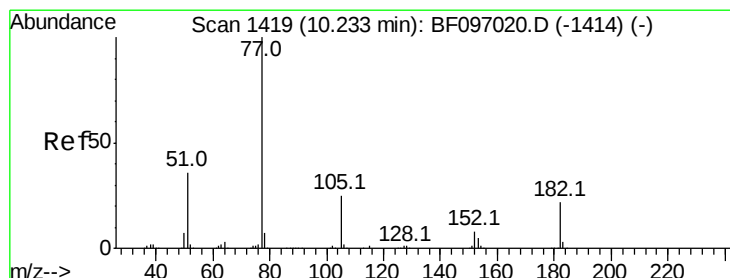
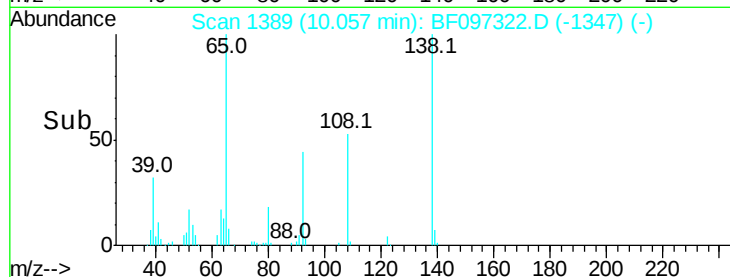
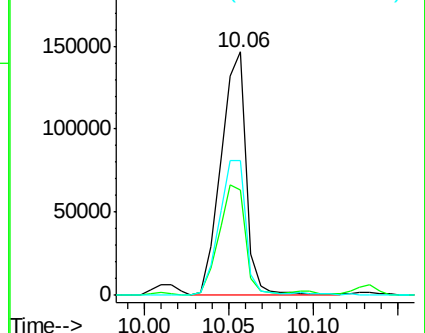
108 55.5 42.3 82.3



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: 43.812 ng

RT: 10.17 min Scan# 1408

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Tgt Ion: 77 Resp: 563715

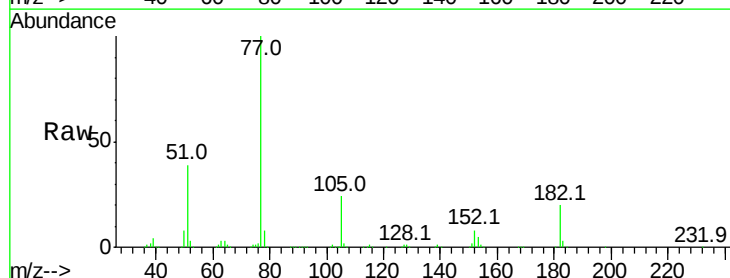
Ion Ratio Lower Upper

77 100

182 20.1 0.1 40.1

105 23.7 3.6 43.6

51 39.4 9.4 49.4

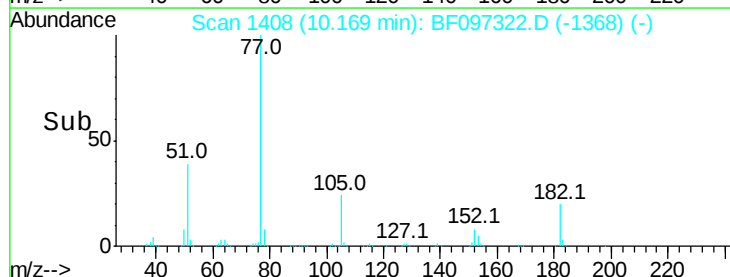
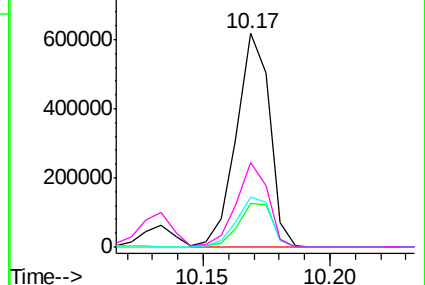


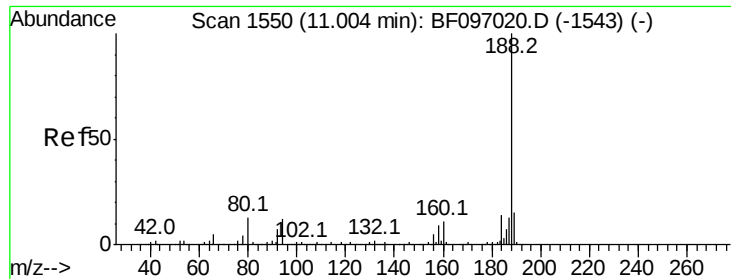
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

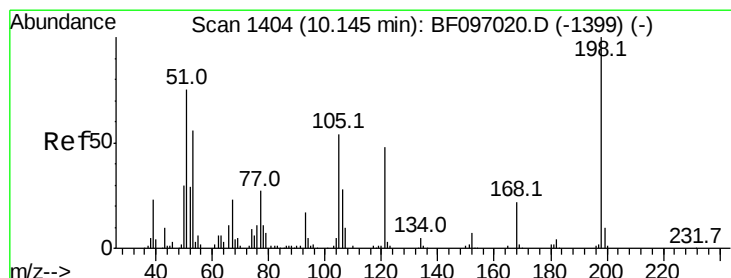
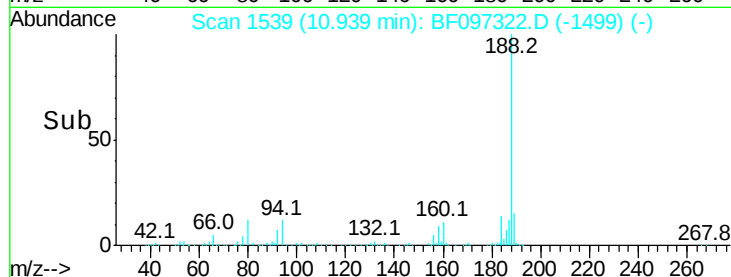
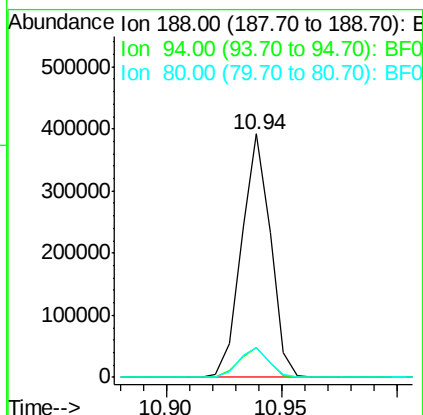
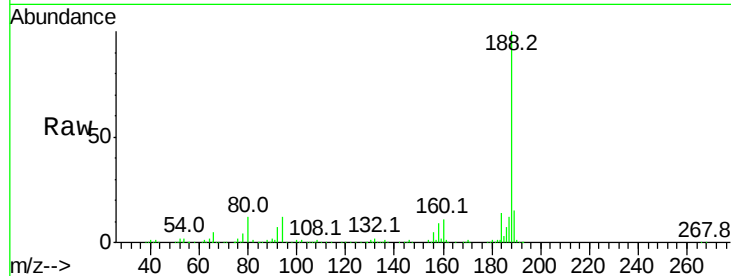




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

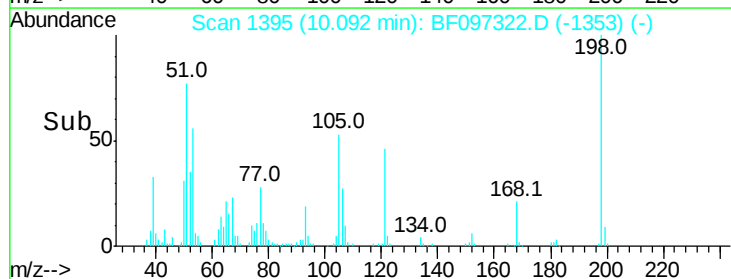
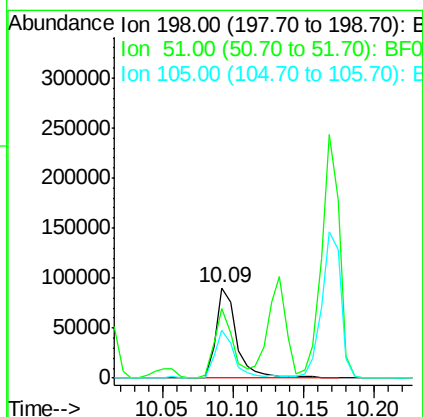
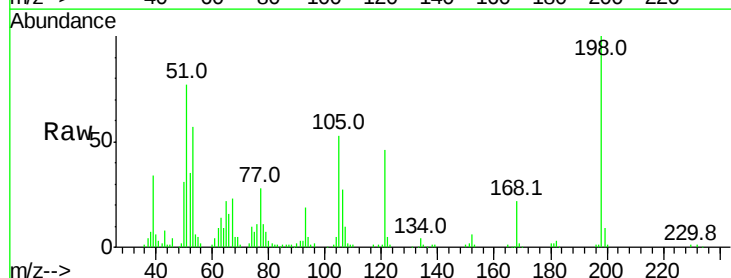
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

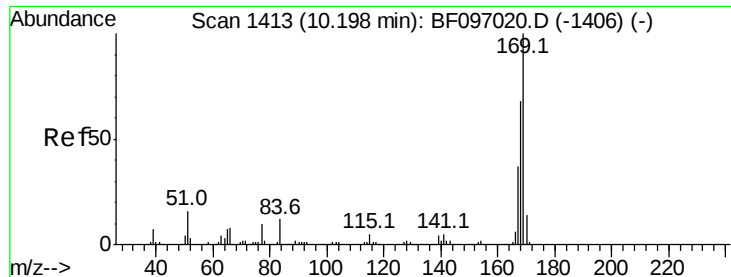
Tot Ion:188 Resp: 343120
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 12.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.177 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:198 Resp: 92058
Ion Ratio Lower Upper
198 100
51 76.7 53.2 93.2
105 53.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 38.424 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

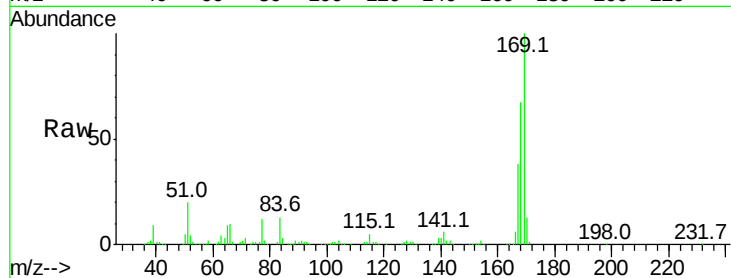
Tot Ion:169 Resp: 458727

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

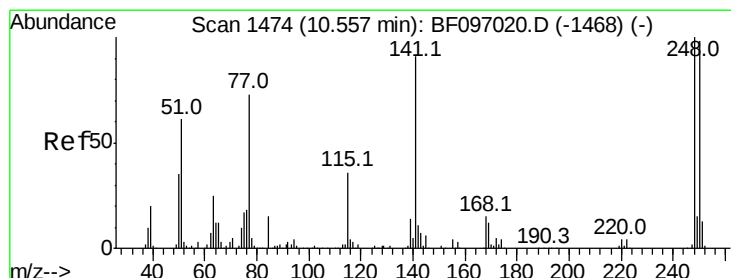
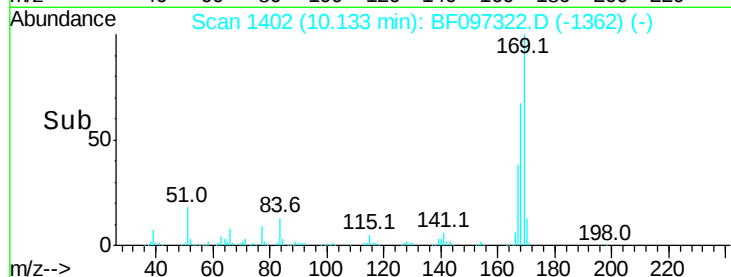
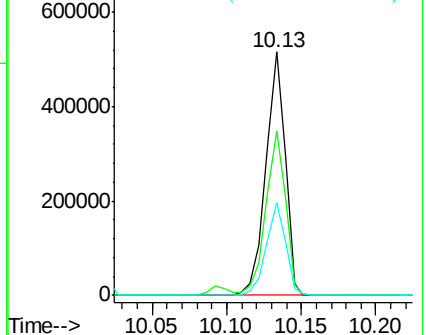
167 37.9 29.5 44.3



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: 39.998 ng

RT: 10.49 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

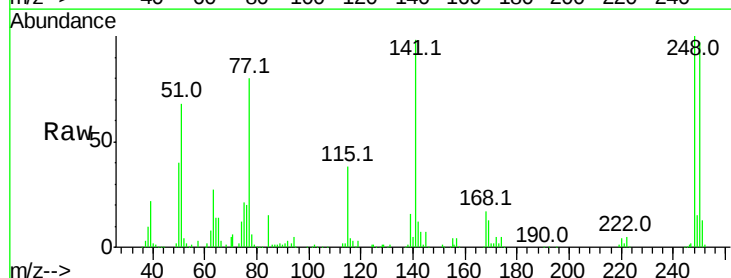
Tgt Ion:248 Resp: 136963

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

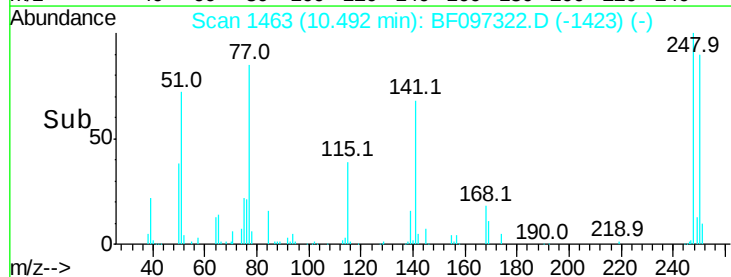
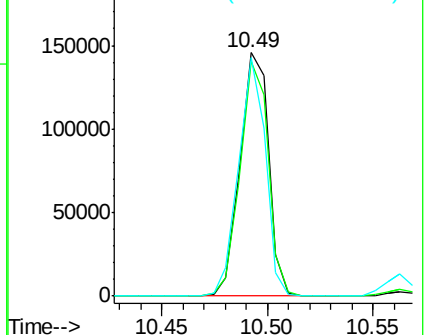
141 98.2 68.6 103.0

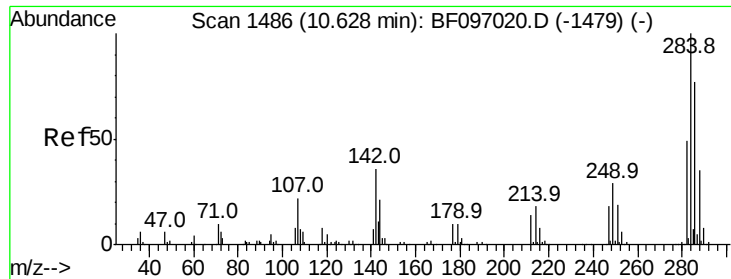


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.985 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

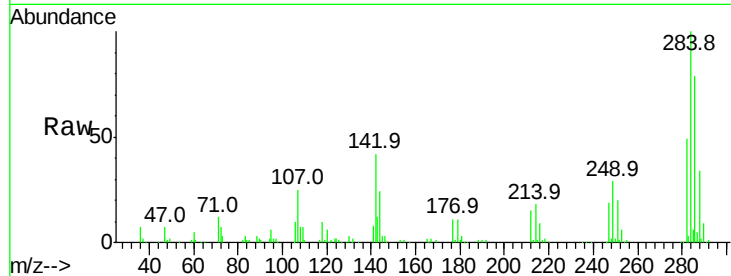
Tot Ion:284 Resp: 149700

Ion Ratio Lower Upper

284 100

142 42.0 22.8 34.2#

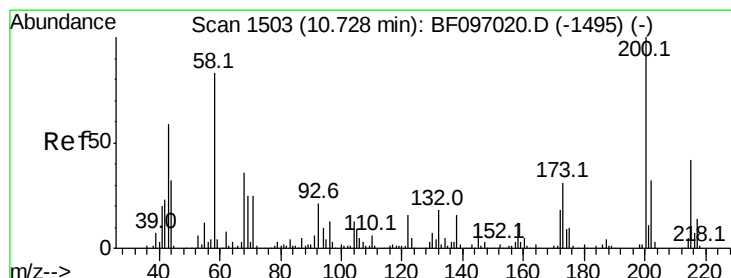
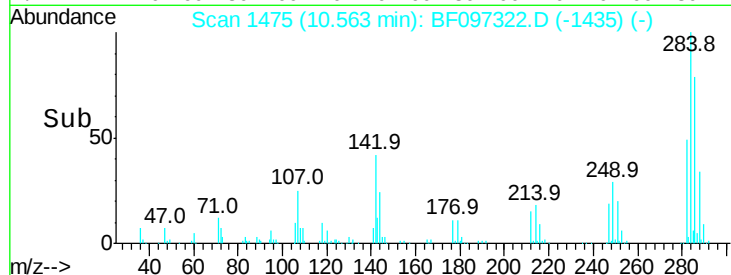
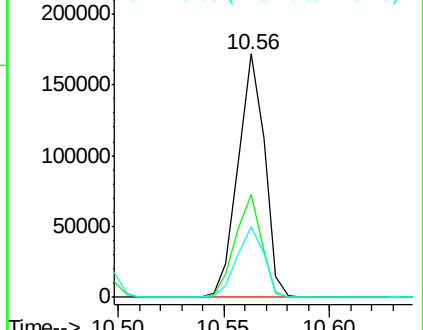
249 29.2 24.0 36.0



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: 37.868 ng

RT: 10.67 min Scan# 1493

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

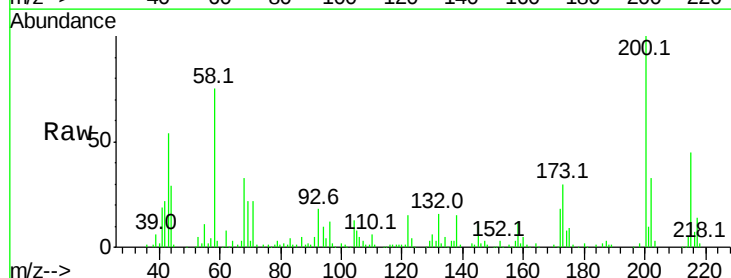
Tgt Ion:200 Resp: 129637

Ion Ratio Lower Upper

200 100

173 30.1 6.3 46.3

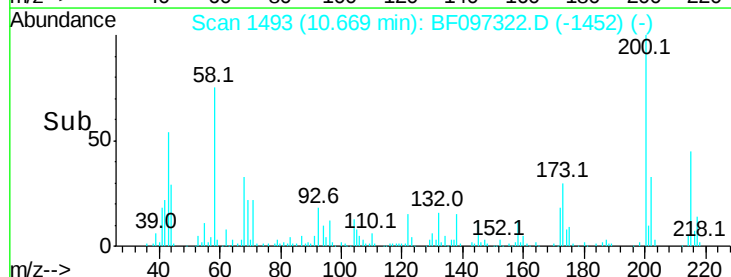
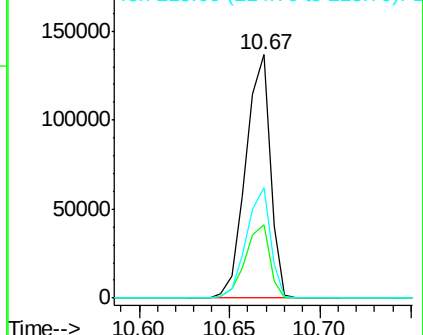
215 45.3 27.2 67.2

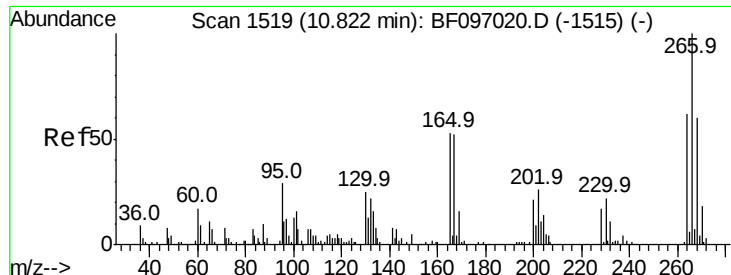


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

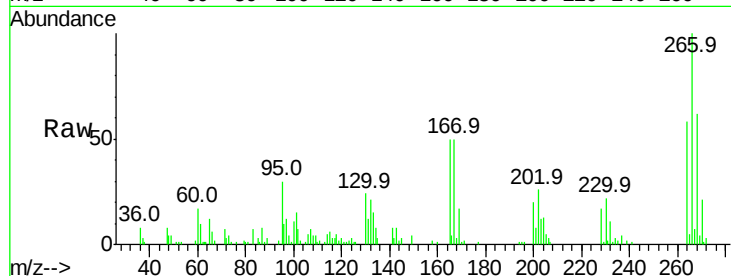




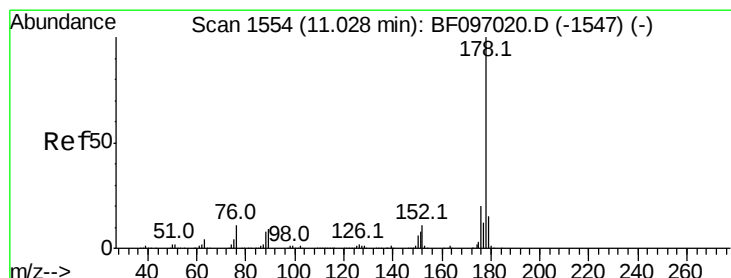
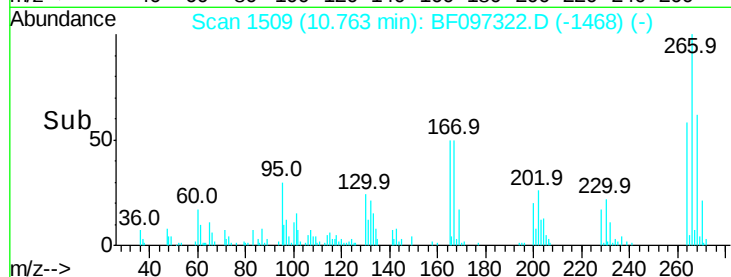
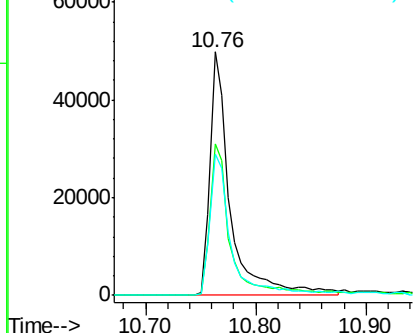
#69
 Pentachlorophenol
 Concen: 39.615 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 62940
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 57.8 51.7 77.5

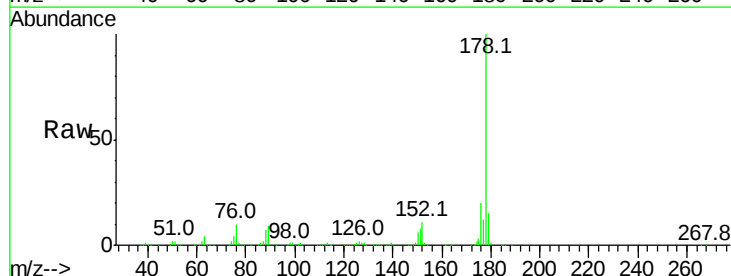


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

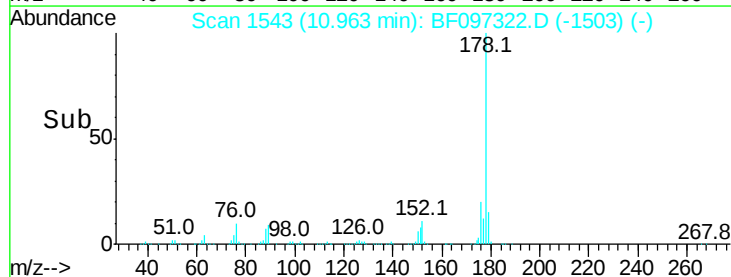
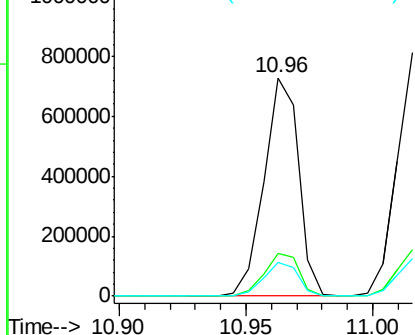


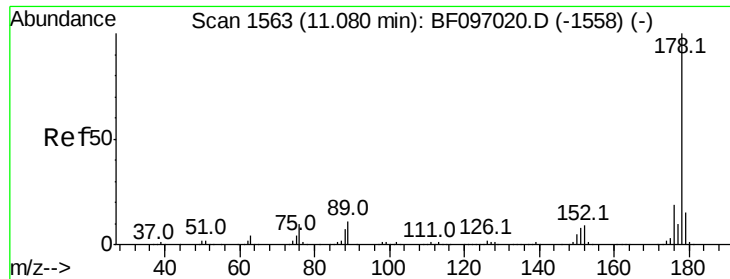
#70
 Phenanthrene
 Concen: 38.093 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion:178 Resp: 700315
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.3 12.6 19.0



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





#71

Anthracene

Concen: 37.572 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

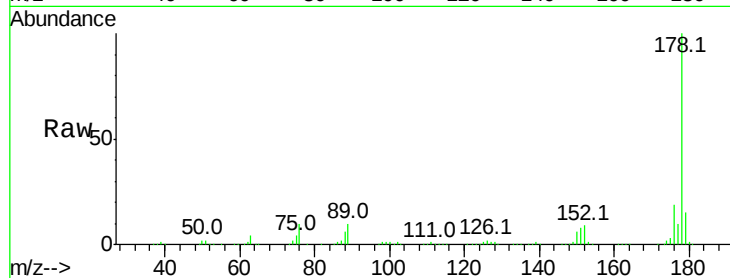
Tot Ion:178 Resp: 707468

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

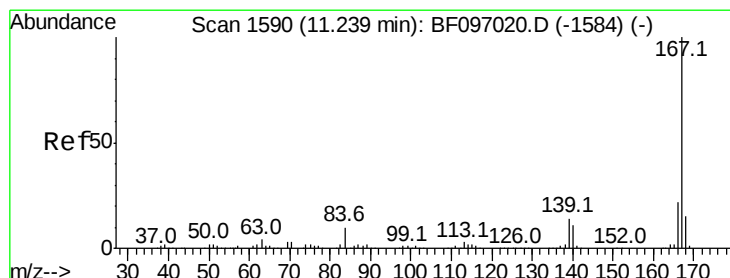
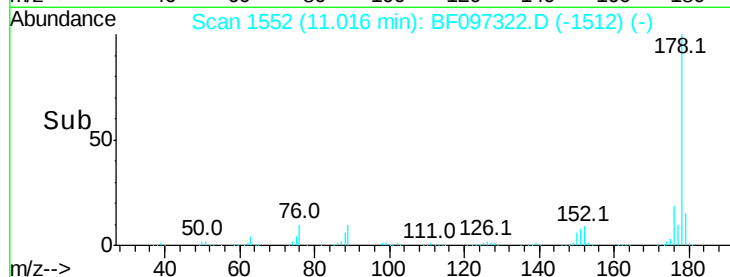
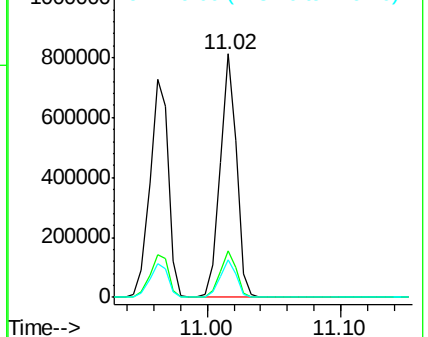
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.282 ng

RT: 11.18 min Scan# 1580

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

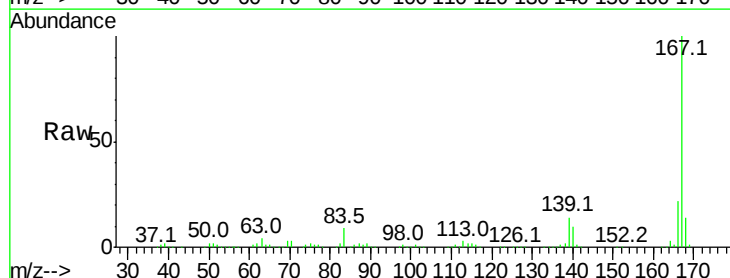
Tgt Ion:167 Resp: 745967

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

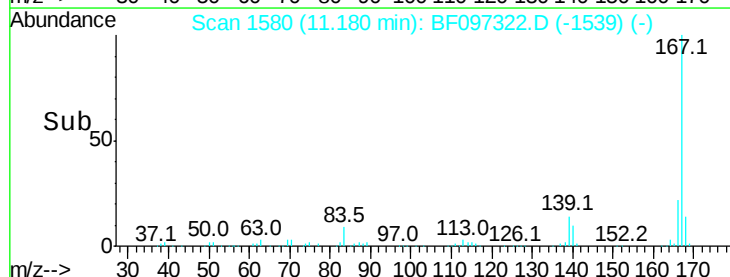
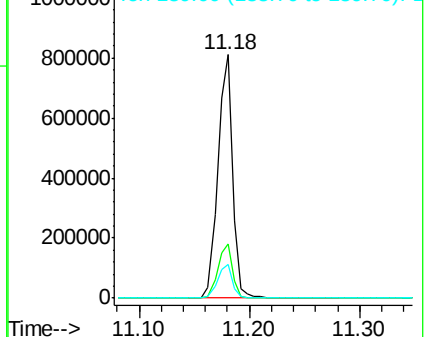
139 13.8 11.7 17.5

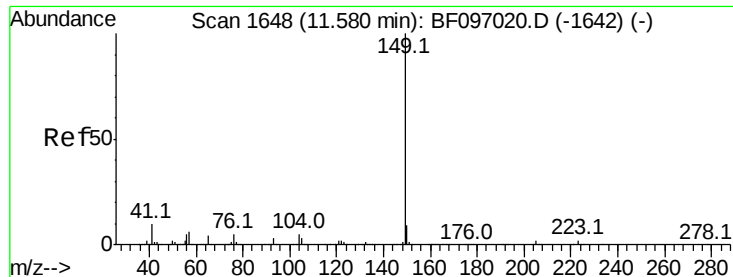


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.998 ng

RT: 11.52 min Scan# 1638

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

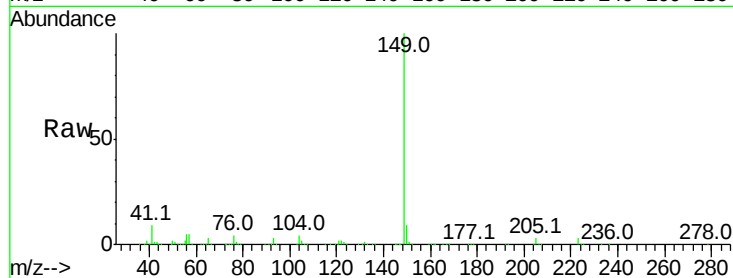
Tot Ion:149 Resp: 915609

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

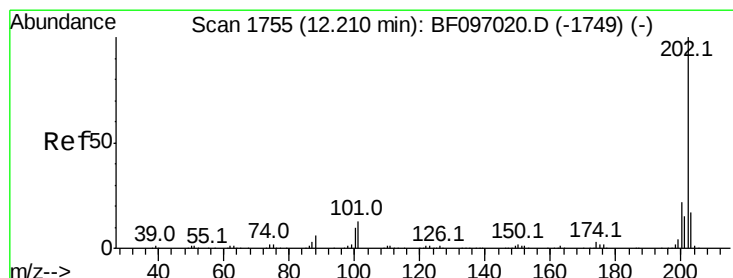
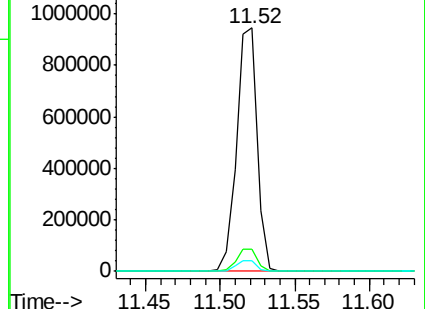
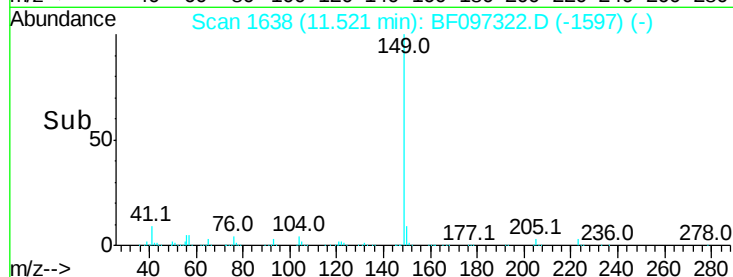
104 4.3 4.0 6.0



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: 38.210 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

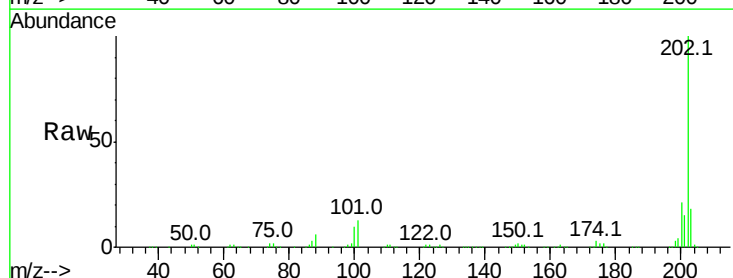
Tgt Ion:202 Resp: 688186

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

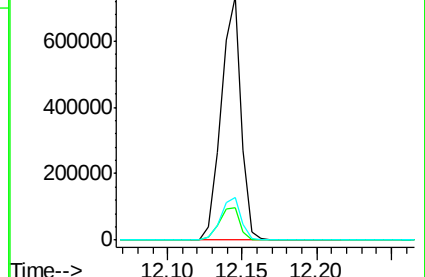
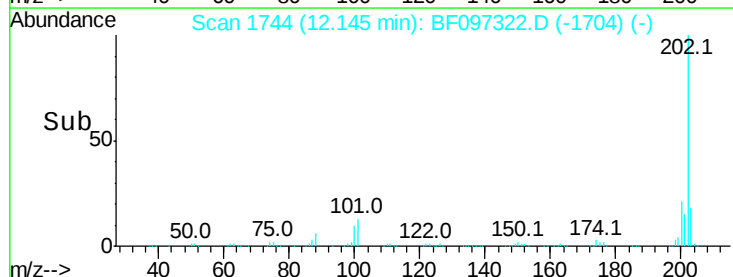
203 17.6 0.0 38.1

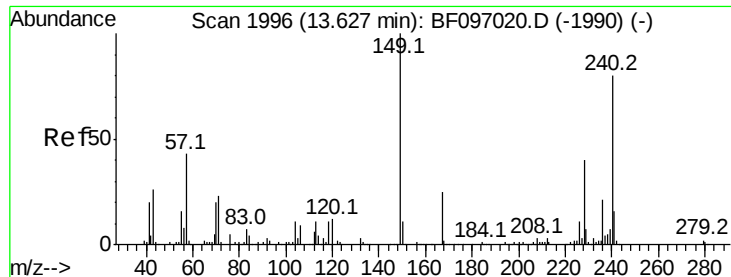


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.56 min Scan# 1985

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

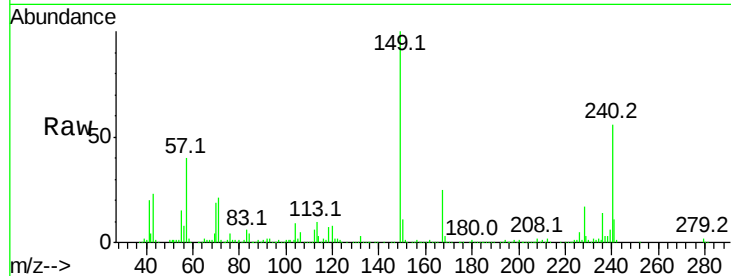
Tot Ion:240 Resp: 221813

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

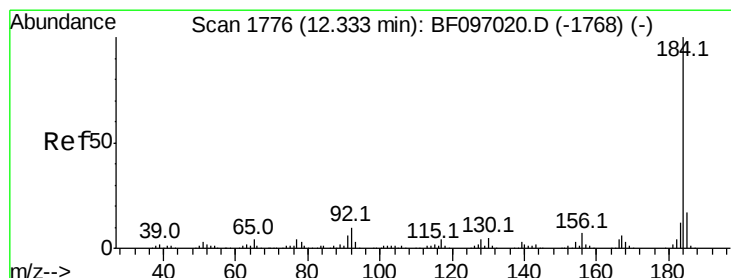
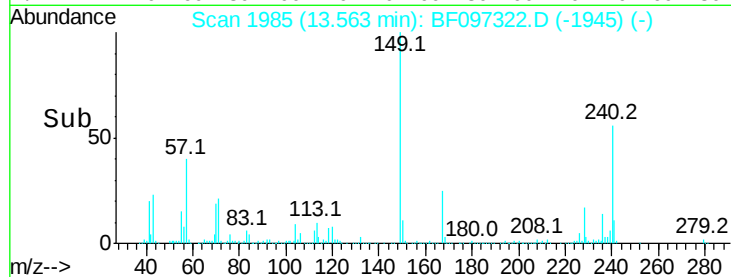
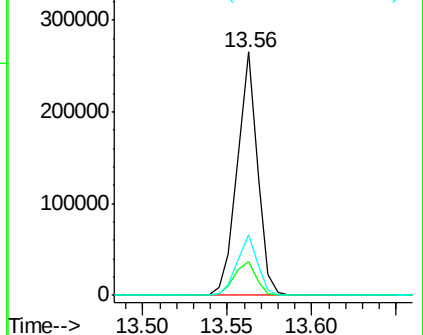
236 24.7 20.5 30.7



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: 25.139 ng

RT: 12.27 min Scan# 1765

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

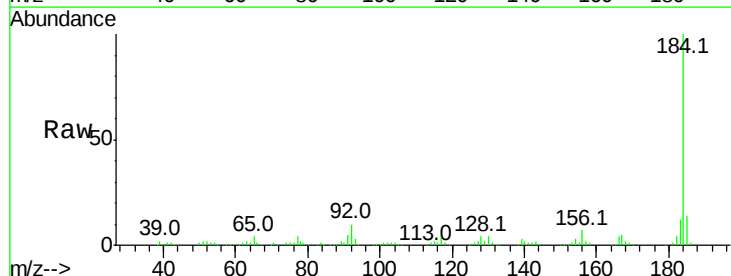
Tgt Ion:184 Resp: 206904

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

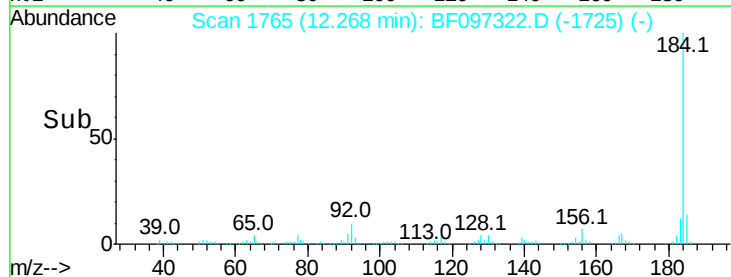
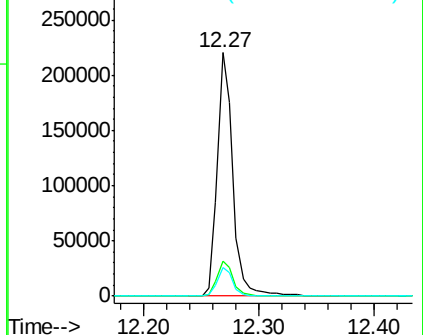
183 11.7 9.8 14.6

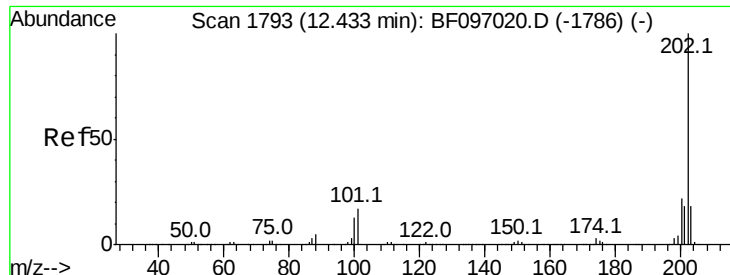


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

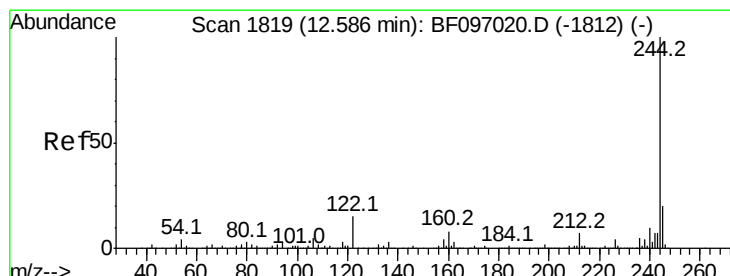
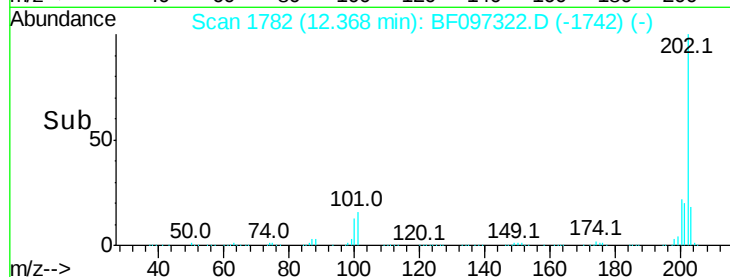
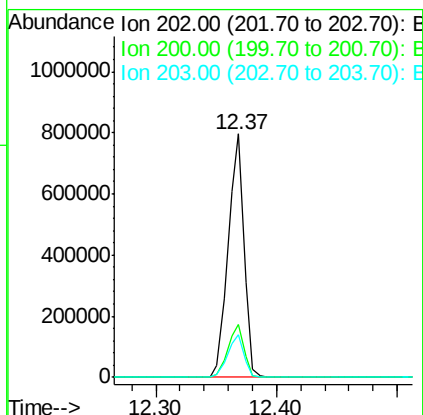
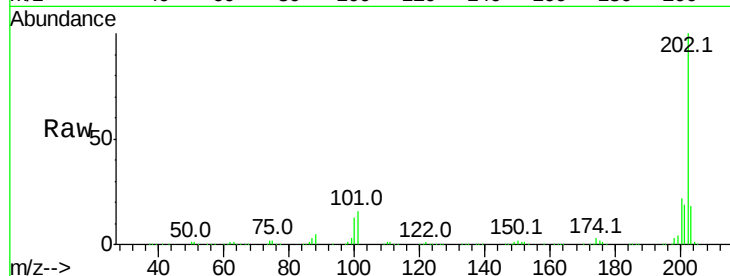




#77
Pvrene
Concen: 39.966 ng
RT: 12.37 min Scan# 1782
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

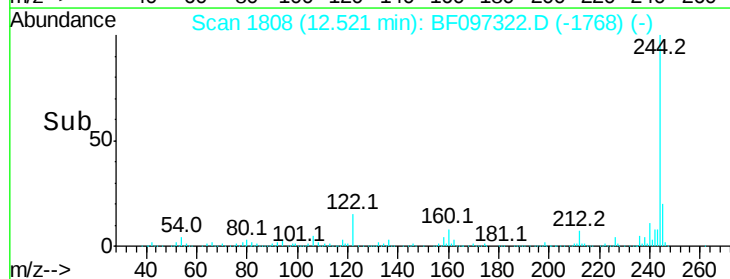
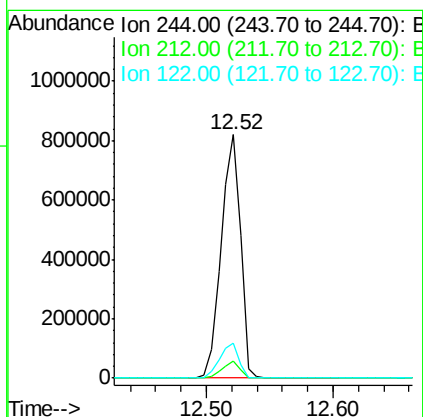
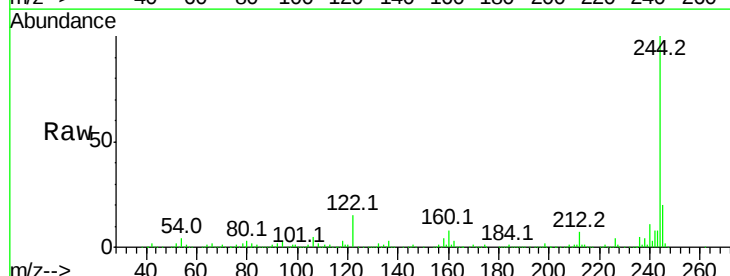
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

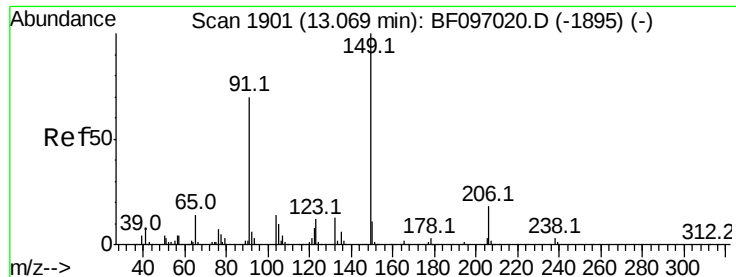
Tot Ion:202 Resp: 725743
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 79.801 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:244 Resp: 868176
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.5 10.3 15.5





#79

Butylbenzylphthalate

Concen: 41.254 ng

RT: 13.00 min Scan# 1889

Delta R.T. -0.07 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

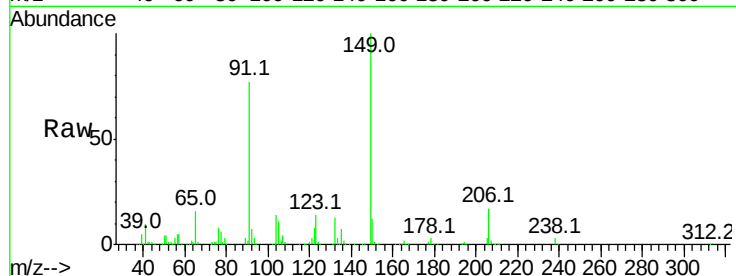
Tot Ion:149 Resp: 381068

Ion Ratio Lower Upper

149 100

91 76.8 45.0 67.4#

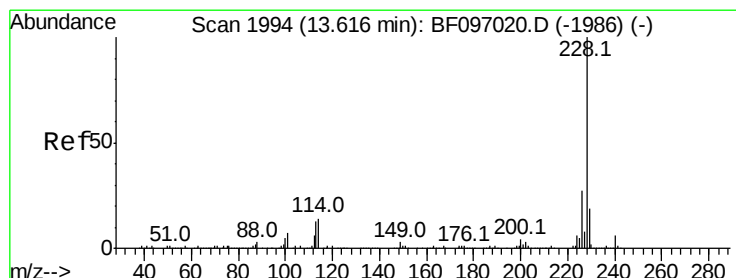
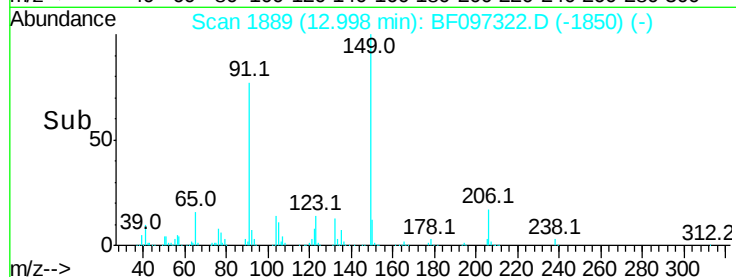
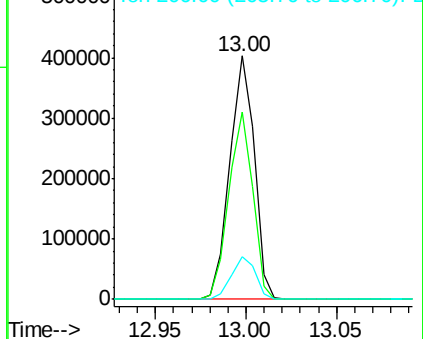
206 17.3 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.384 ng

RT: 13.55 min Scan# 1983

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

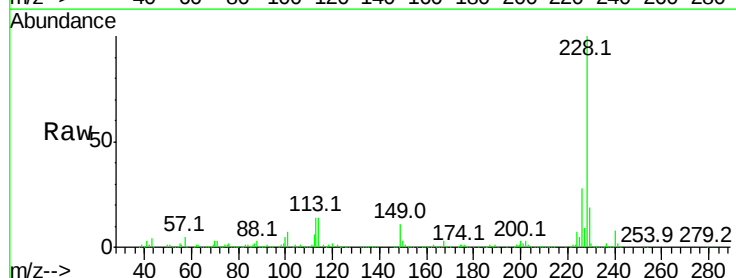
Tgt Ion:228 Resp: 593953

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

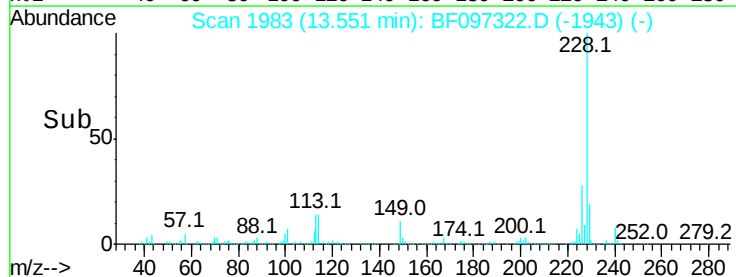
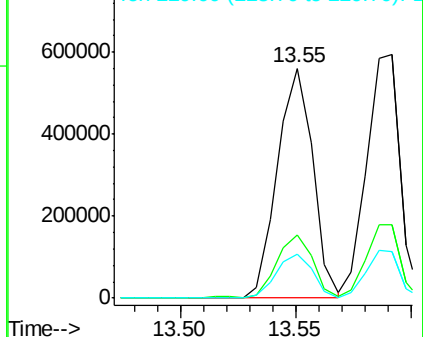
229 19.1 16.3 24.5

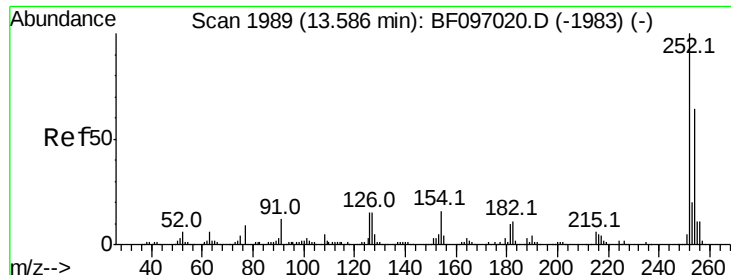


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

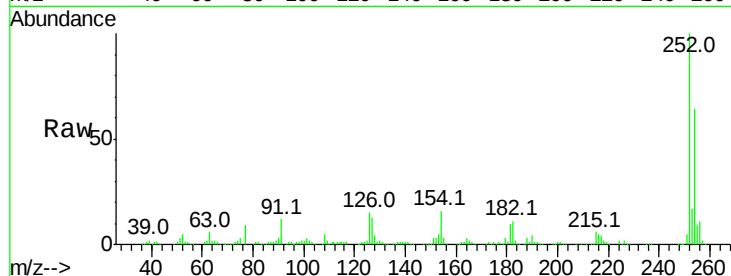




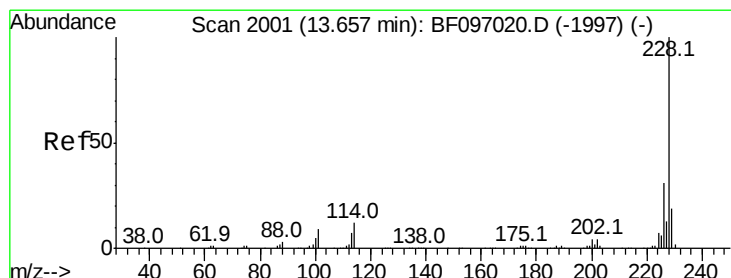
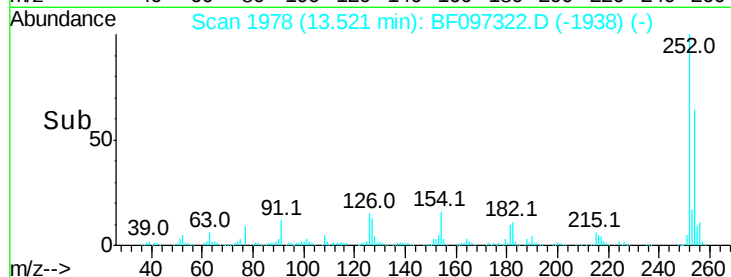
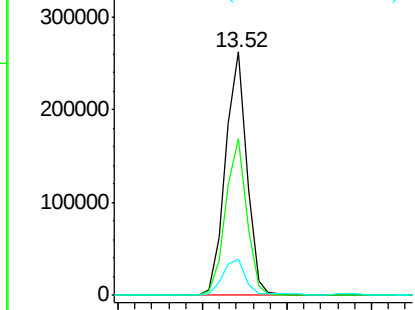
#81
 3,3'-Dichlorobenzidine
 Concen: 42.527 ng
 RT: 13.52 min Scan# 1978
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.7	15.8	23.8#

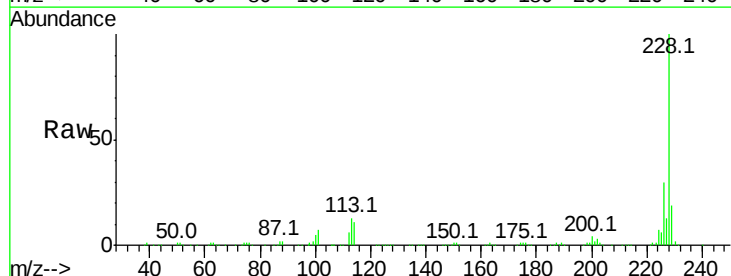


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

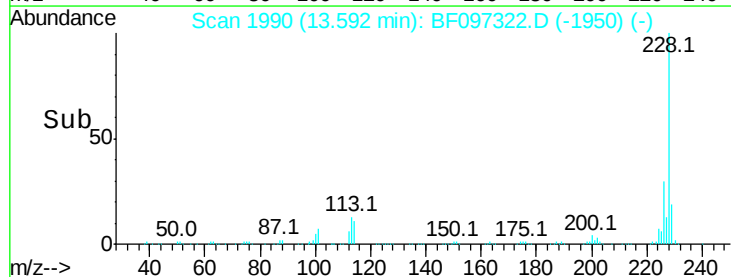
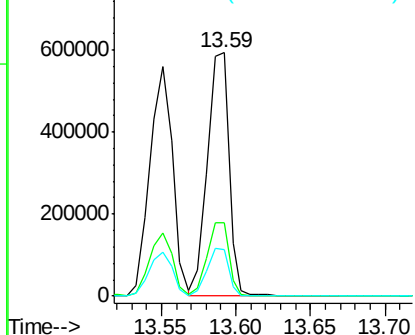


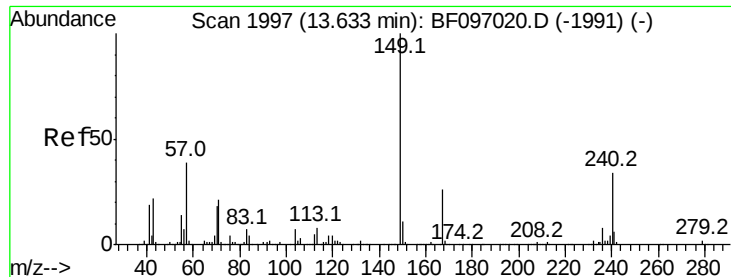
#82
 Chrysene
 Concen: 42.682 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.06 min
 Lab File: BF097322.D
 Acq: 3 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	18.8	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: 39.699 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.07 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

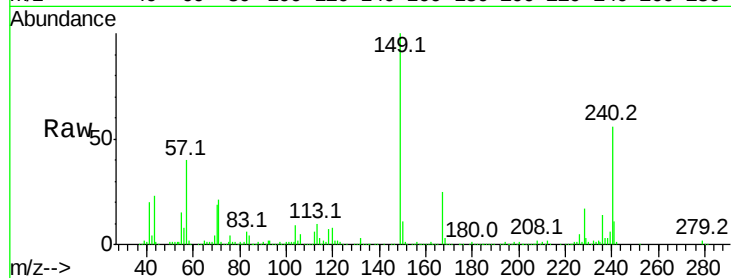
Tot Ion:149 Resp: 478786

Ion Ratio Lower Upper

149 100

167 24.6 21.0 31.4

279 2.4 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

13.56

400000

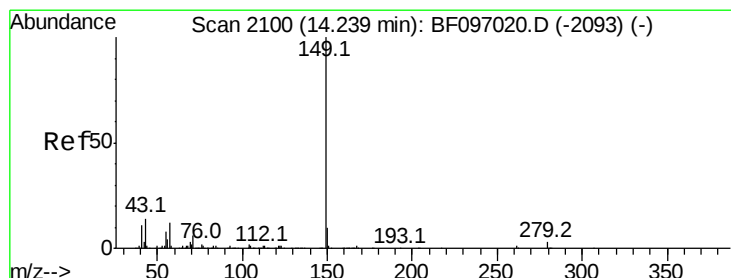
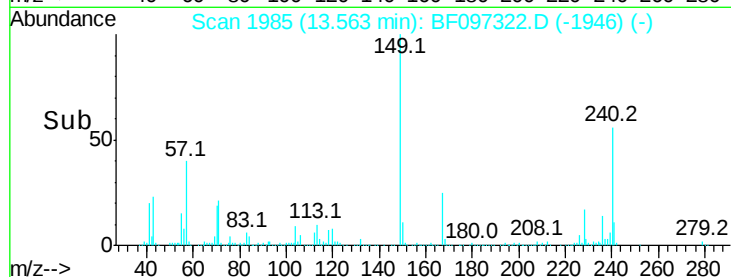
300000

200000

100000

0

Time--> 13.50 13.55 13.60 13.65



#84

Di-n-octyl phthalate

Concen: 41.357 ng

RT: 14.17 min Scan# 2088

Delta R.T. -0.07 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

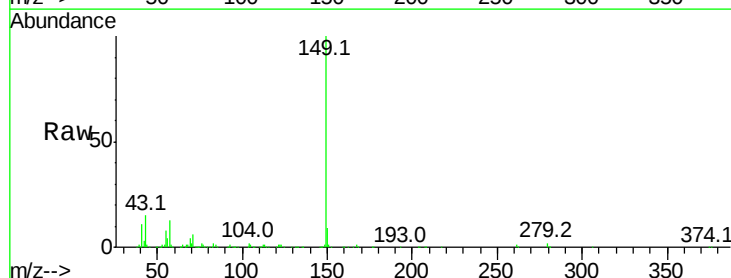
Tgt Ion:149 Resp: 915325

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 14.0 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

14.17

1200000

1000000

800000

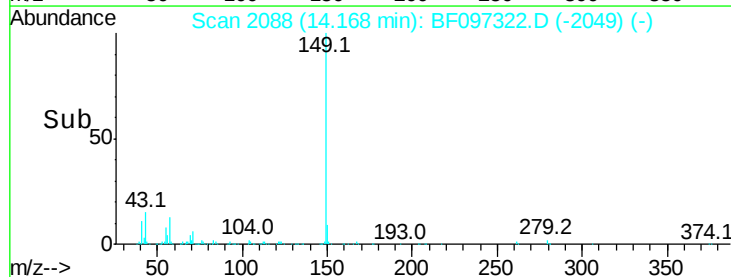
600000

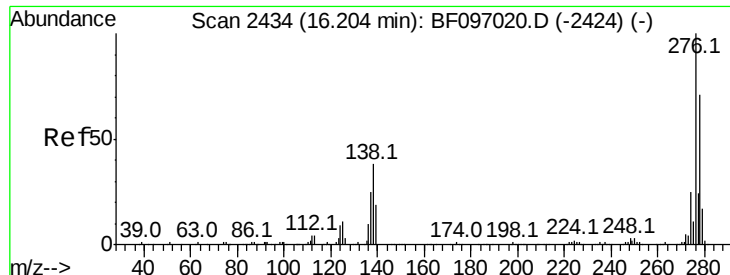
400000

200000

0

Time--> 14.10 14.20 14.30

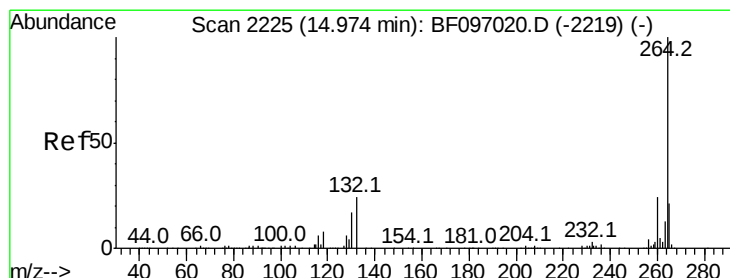
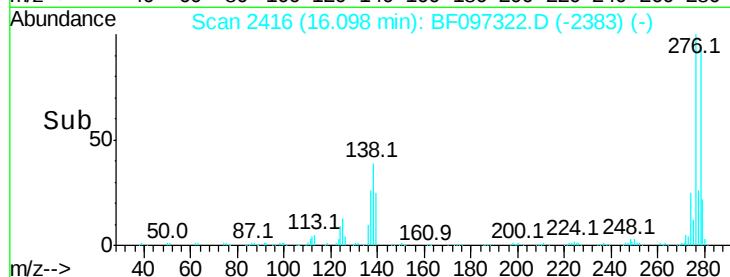
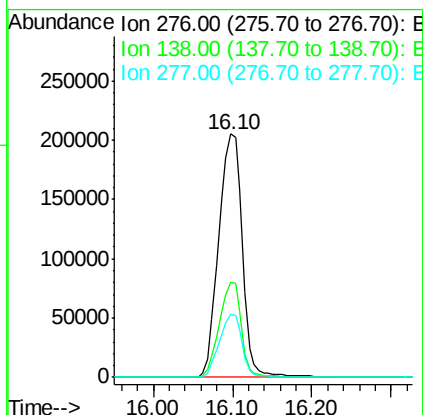
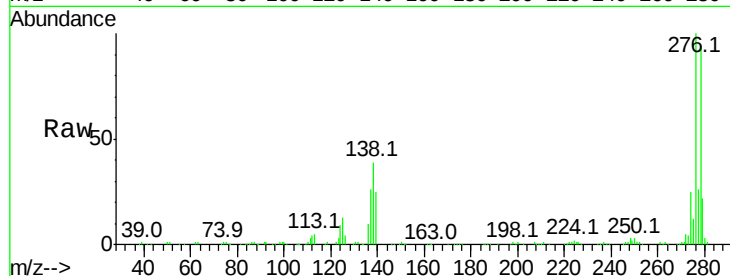




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.310 ng
RT: 16.10 min Scan# 2416
Delta R.T. -0.11 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

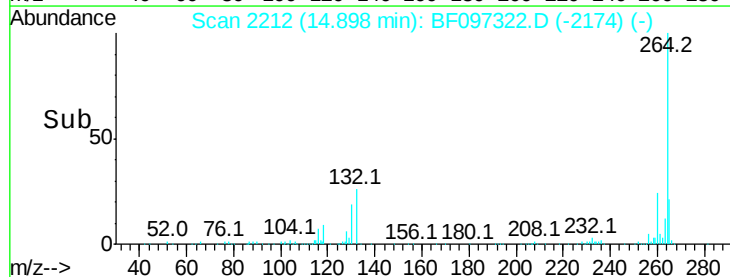
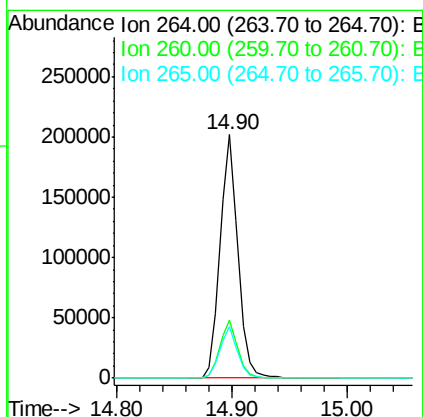
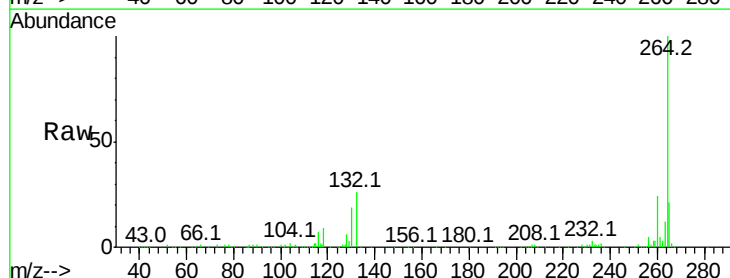
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

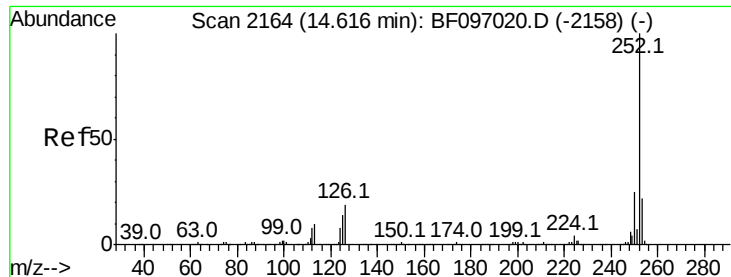
Tot Ion:276 Resp: 424328
Ion Ratio Lower Upper
276 100
138 36.7 27.8 41.6
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.90 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:264 Resp: 217200
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.929 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

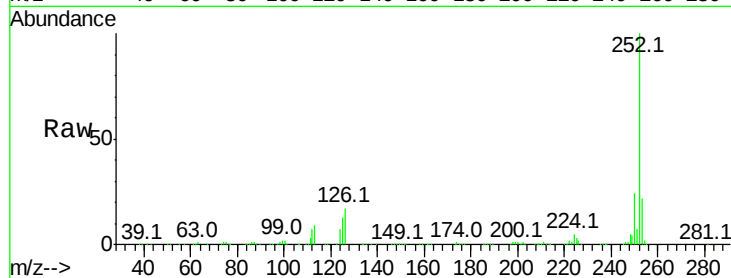
Tot Ion:252 Resp: 547443

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

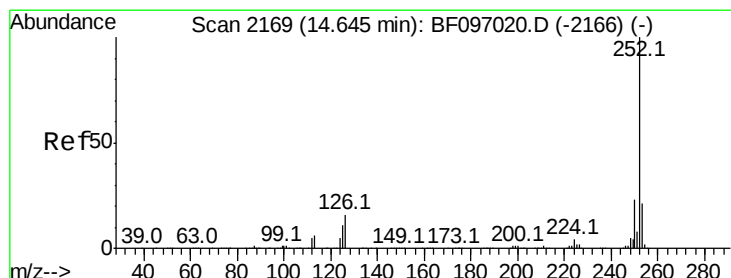
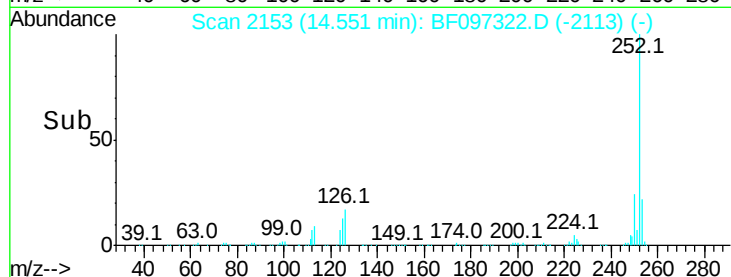
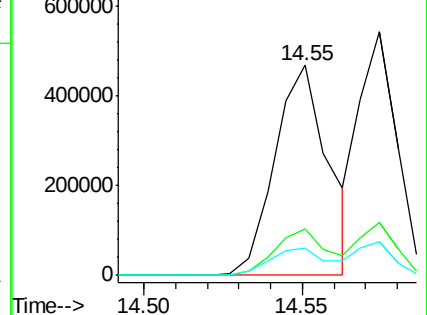
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.848 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.07 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

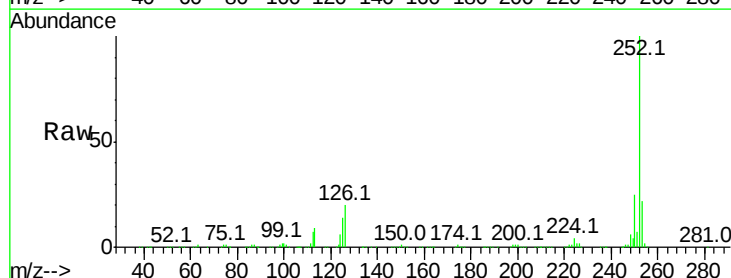
Tgt Ion:252 Resp: 458447

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

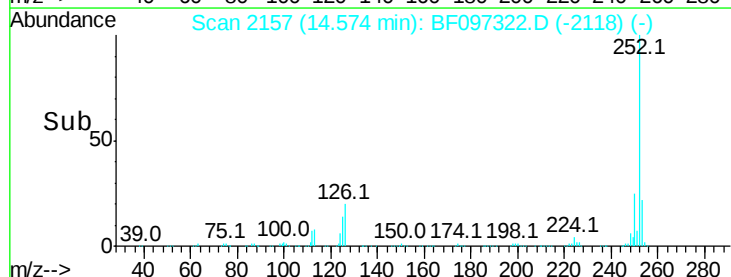
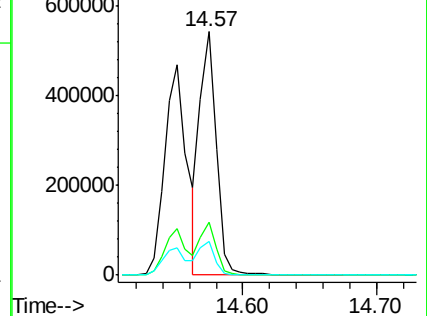
125 13.6 13.1 19.7

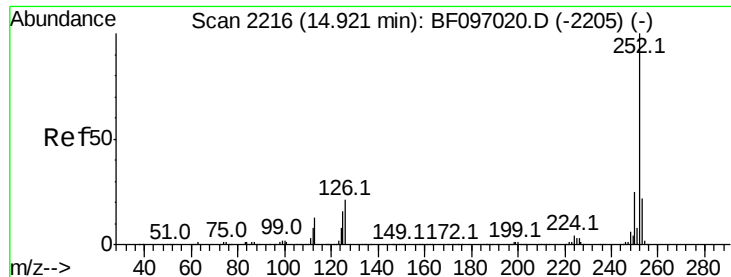


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

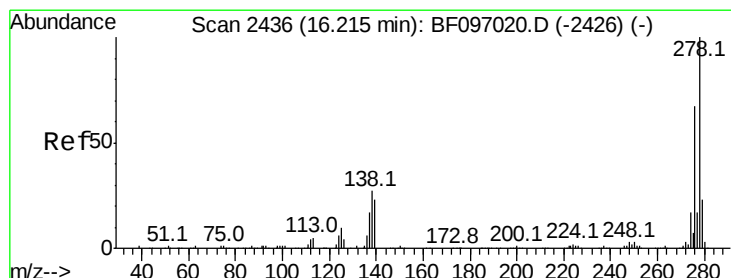
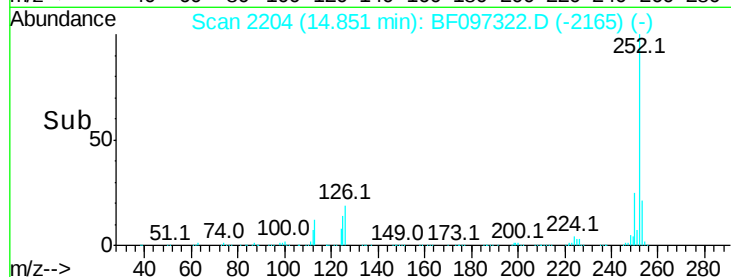
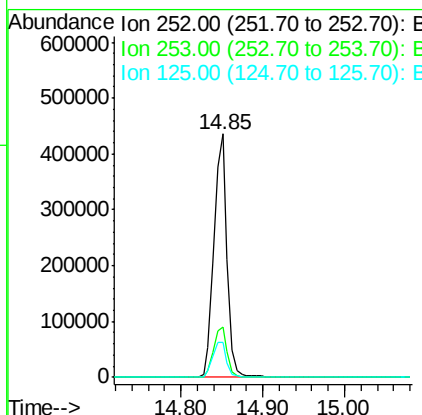
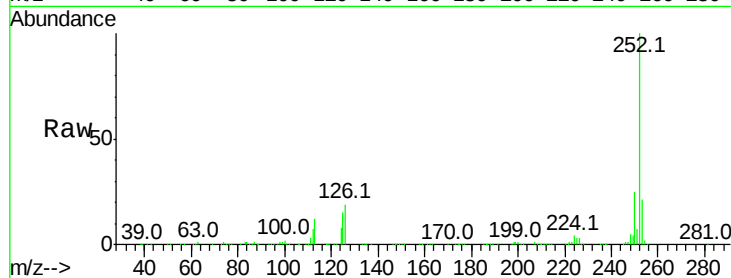




#89
Benzo(a)pyrene
Concen: 40.711 ng
RT: 14.85 min Scan# 2204
Delta R.T. -0.07 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

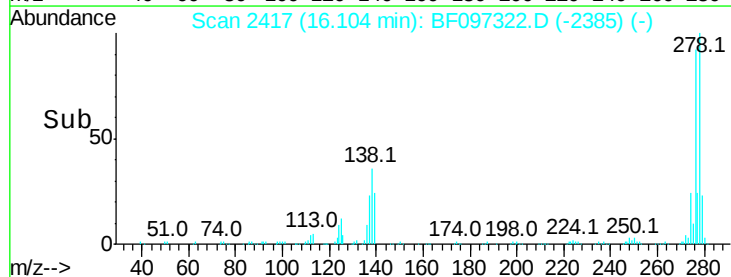
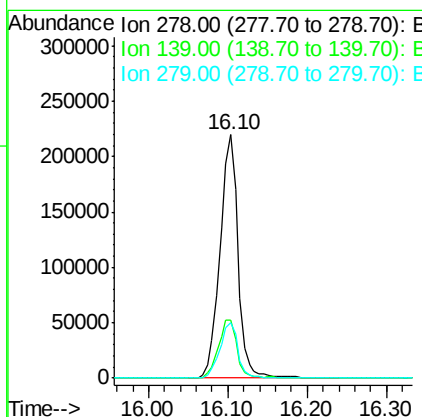
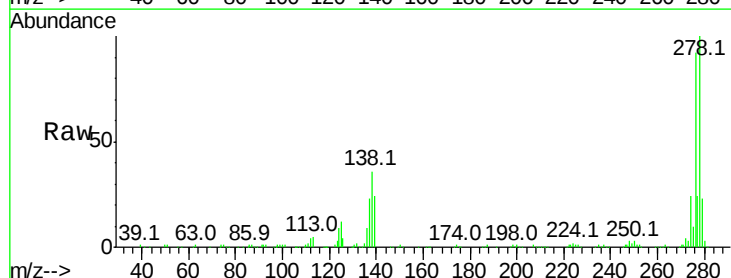
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

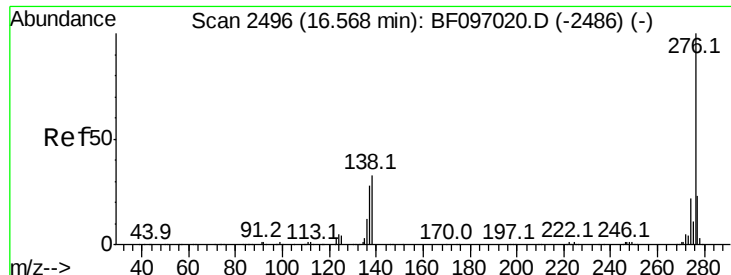
Tot Ion:252 Resp: 486479
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.483 ng
RT: 16.10 min Scan# 2417
Delta R.T. -0.11 min
Lab File: BF097322.D
Acq: 3 Aug 2017 17:47

Tgt Ion:278 Resp: 347708
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 22.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 35.390 ng

RT: 16.45 min Scan# 2476

Delta R.T. -0.12 min

Lab File: BF097322.D

Acq: 3 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

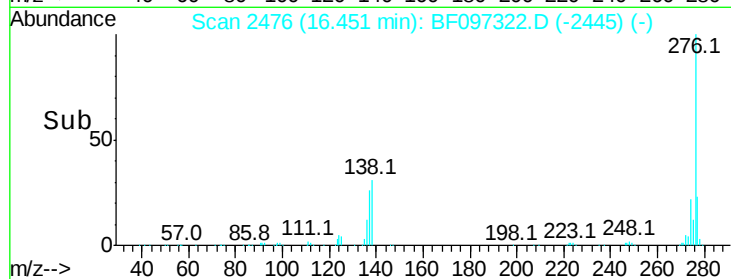
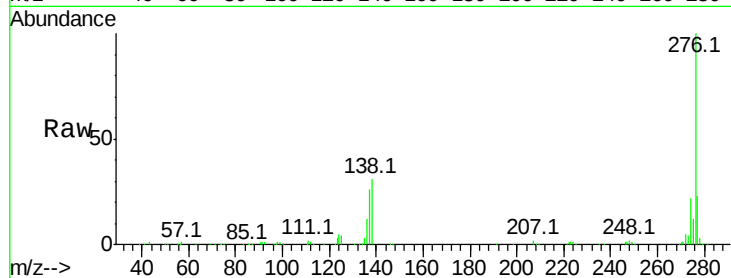
Tot Ion:276 Resp: 363667

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 31.3 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

