

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097734.D
 Acq On : 16 Aug 2017 12:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 16 15:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	133925	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	536962	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	238313	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	444808	20.00	ng	0.00
75) Chrysene-d12	13.94	240	299354	20.00	ng	0.00
86) Perylene-d12	15.36	264	246430	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	721712	81.97	ng	0.00
7) Phenol-d6	6.41	99	987940	82.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	891297	90.17	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	189062	91.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1298853	80.07	ng	0.00
78) Terphenyl-d14	12.89	244	1203249	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	199803	40.691	ng	89
3) Pyridine	3.19	79	555046	40.889	ng	87
4) n-Nitrosodimethylamine	3.15	42	209995	40.205	ng	86
6) Aniline	6.45	93	694410	41.320	ng	97
8) 2-Chlorophenol	6.56	128	388034	41.789	ng	93
9) Benzaldehyde	6.33	77	298723	39.423	ng	88
10) Phenol	6.43	94	593462	42.417	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	430714	40.787	ng	96
12) 1,3-Dichlorobenzene	6.72	146	410553	41.105	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	412819	40.639	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	383799	40.976	ng	99
15) Benzyl Alcohol	6.92	79	377998	42.204	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	583867	41.093	ng	92
17) 2-Methylphenol	7.03	107	339187	41.452	ng	97
18) Hexachloroethane	7.30	117	167791	42.131	ng	# 84
19) n-Nitroso-di-n-propylamine	7.20	70	335891	41.016	ng	90
20) 3+4-Methylphenols	7.19	107	410450	41.068	ng	92
22) Acetophenone	7.20	105	559575	39.448	ng	# 83
24) Nitrobenzene	7.37	77	488260	44.365	ng	95
25) Isophorone	7.61	82	846742	41.198	ng	97
26) 2-Nitrophenol	7.68	139	188590	47.375	ng	# 76
27) 2,4-Dimethylphenol	7.72	122	355099	41.427	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	560510	41.481	ng	99
29) 2,4-Dichlorophenol	7.92	162	300417	42.221	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	320223	40.597	ng	98
31) Naphthalene	8.09	128	1125098	40.360	ng	100
32) Benzoic acid	7.85	122	289333	46.551	ng	92
33) 4-Chloroaniline	8.13	127	481920	40.992	ng	98
34) Hexachlorobutadiene	8.20	225	191802	41.647	ng	98
35) Caprolactam	8.52	113	105089	43.444	ng	100
36) 4-Chloro-3-methylphenol	8.62	107	384160	42.022	ng	# 78
37) 2-Methylnaphthalene	8.78	142	697708	40.824	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	299719	40.980	ng	98
40) Hexachlorocyclopentadiene	8.93	237	162427	46.228	ng	100

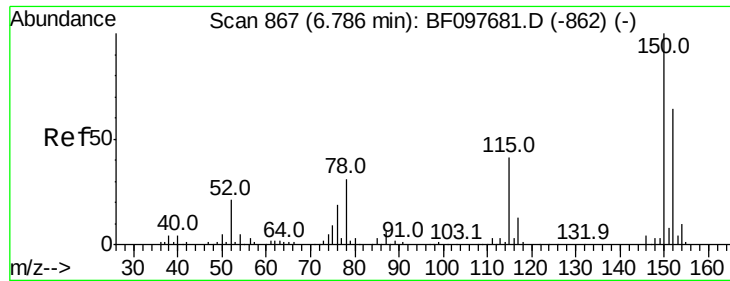
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	212596	43.296	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	214899	44.115	nq	97
45) 1,1'-Biphenyl	9.25	154	884999	40.723	nq	97
46) 2-Chloronaphthalene	9.27	162	651563	40.578	nq #	93
47) 2-Nitroaniline	9.36	65	256424	47.636	nq	97
48) Acenaphthylene	9.68	152	1031074	40.890	nq	100
49) Dimethylphthalate	9.55	163	725885	41.670	nq	99
50) 2,6-Dinitrotoluene	9.60	165	157454	45.282	nq #	54
51) Acenaphthene	9.86	154	660086	41.507	nq	99
52) 3-Nitroaniline	9.77	138	202807	45.206	nq	89
53) 2,4-Dinitrophenol	9.87	184	77286	50.944	nq #	79
54) Dibenzofuran	10.03	168	864358	40.554	nq	98
55) 4-Nitrophenol	9.93	139	157584	44.033	nq #	45
56) 2,4-Dinitrotoluene	10.00	165	204504	46.864	nq #	52
57) Fluorene	10.37	166	669475	40.627	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	165551	43.895	nq	94
59) Diethylphthalate	10.25	149	751311	41.243	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	319084	41.681	nq #	86
61) 4-Nitroaniline	10.39	138	193354	45.347	nq #	69
62) Azobenzene	10.52	77	871397	40.270	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	103423	49.109	nq	93
65) n-Nitrosodiphenylamine	10.48	169	628542	41.496	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	195380	42.299	nq	97
67) Hexachlorobenzene	10.91	284	196516	41.741	nq #	83
68) Atrazine	11.01	200	162853	40.541	nq	98
69) Pentachlorophenol	11.10	266	129685	47.243	nq	98
70) Phenanthrene	11.33	178	948654	40.023	nq	100
71) Anthracene	11.38	178	982470	40.867	nq	100
72) Carbazole	11.53	167	922465	40.424	nq	98
73) Di-n-butylphthalate	11.87	149	1138746	43.323	nq	99
74) Fluoranthene	12.51	202	991985	40.097	nq	99
76) Benzidine	12.63	184	373690	38.073	nq	94
77) Pyrene	12.74	202	1015439	41.474	nq	99
79) Butylbenzylphthalate	13.36	149	429215	45.724	nq #	67
80) Benzo(a)anthracene	13.93	228	714153	39.805	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	272333	44.982	nq #	94
82) Chrysene	13.96	228	709610	39.759	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	509791	49.009	nq #	99
84) Di-n-octyl phthalate	14.54	149	915767	50.598	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	599588	45.668	nq	95
87) Benzo(b)fluoranthene	14.96	252	631963	40.685	nq	98
88) Benzo(k)fluoranthene	14.99	252	580132	39.753	nq #	93
89) Benzo(a)pyrene	15.30	252	577066	41.965	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	518160	46.285	nq	98
91) Benzo(g,h,i)perylene	17.19	276	531025	45.460	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

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SSTDCCC040

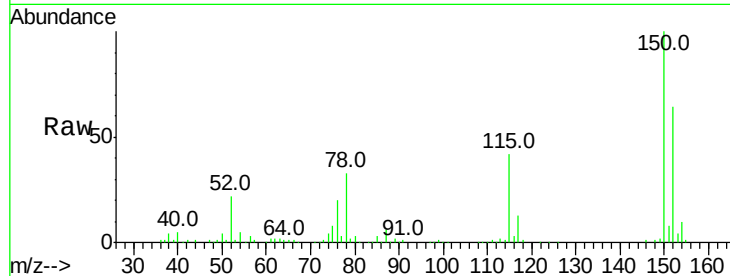
Tot Ion:152 Resp: 133925

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

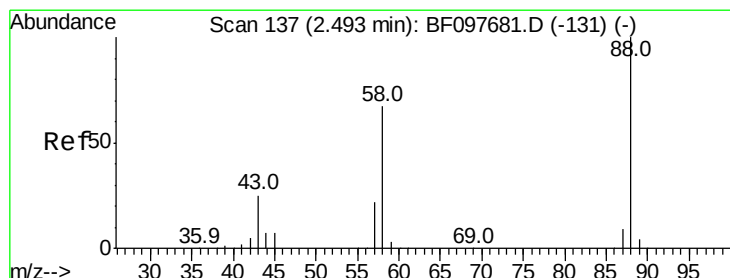
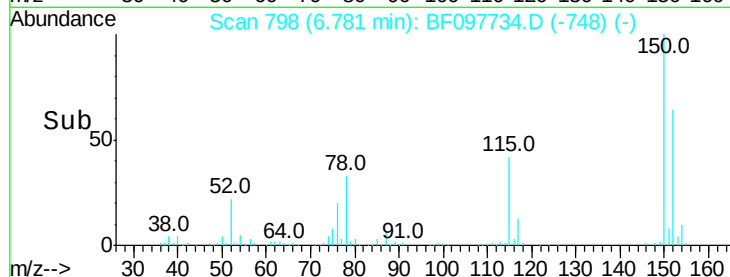
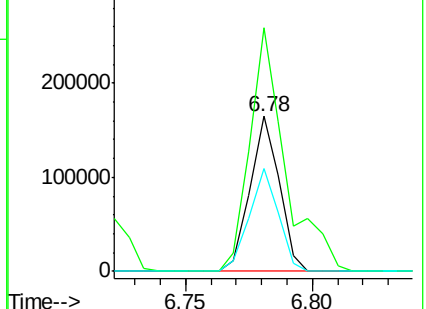
115 66.2 52.2 78.2



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: 40.691 ng

RT: 2.47 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

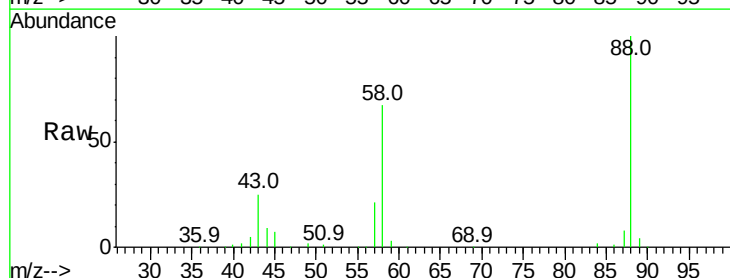
Tgt Ion: 88 Resp: 199803

Ion Ratio Lower Upper

88 100

58 66.0 61.4 92.0

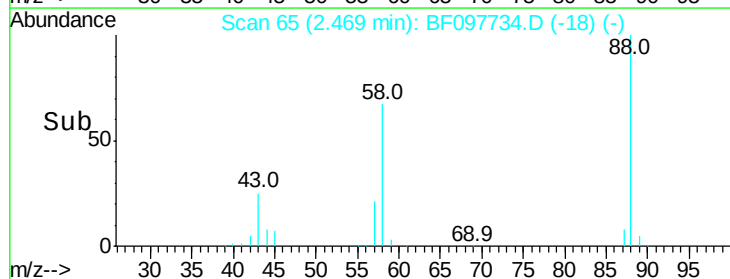
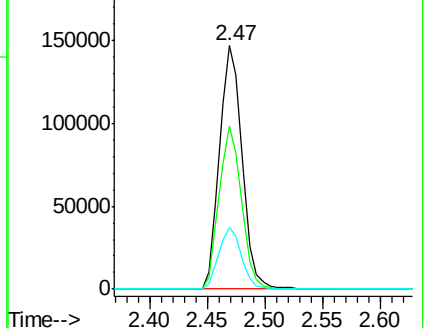
43 25.4 23.4 35.0

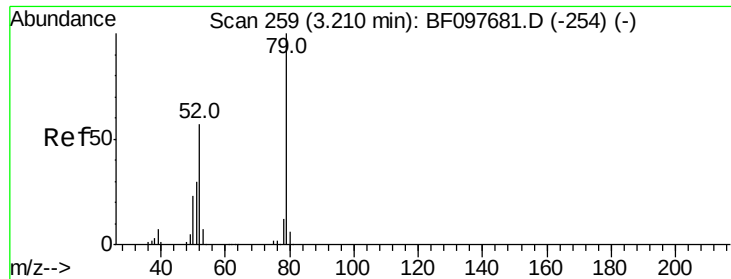


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 40.889 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.02 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

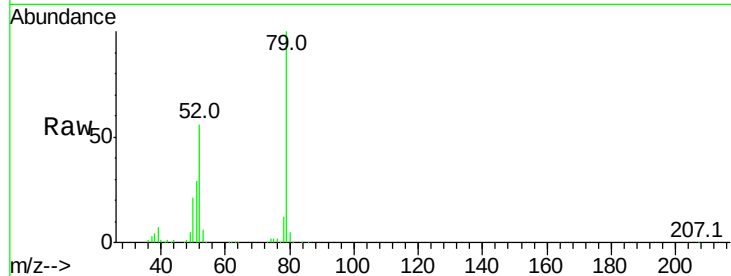
Tot Ion: 79 Resp: 555046

Ion Ratio Lower Upper

79 100

52 56.0 54.8 82.2

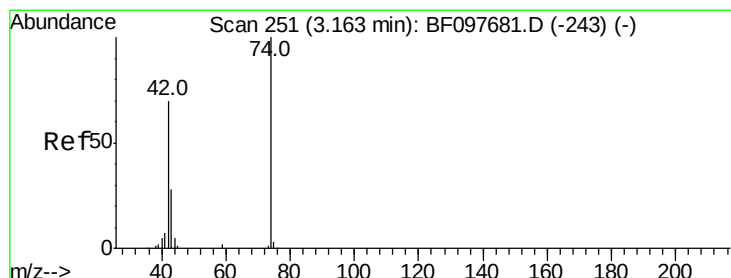
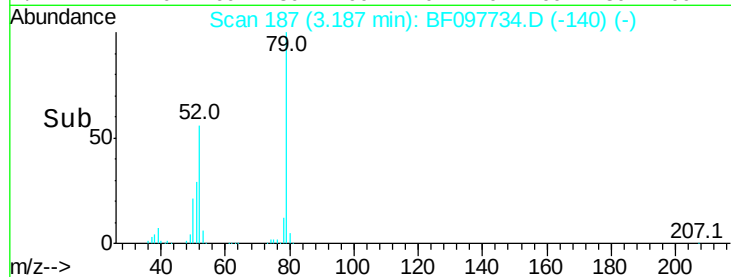
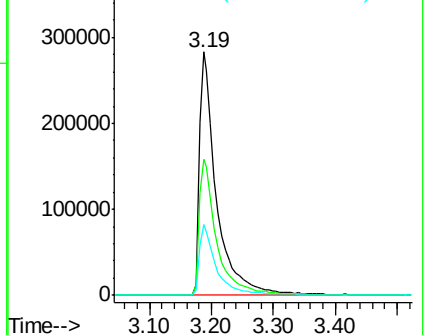
51 29.1 27.0 40.4



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: 40.205 ng

RT: 3.15 min Scan# 180

Delta R.T. -0.02 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

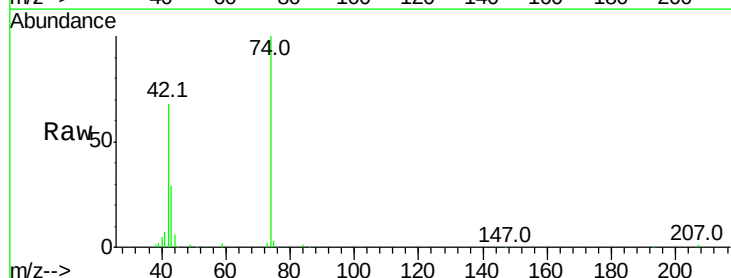
Tgt Ion: 42 Resp: 209995

Ion Ratio Lower Upper

42 100

74 146.3 103.9 155.9

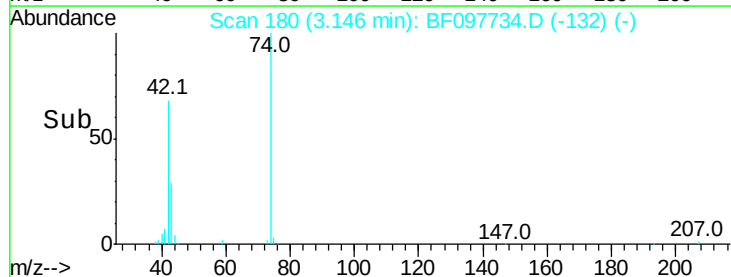
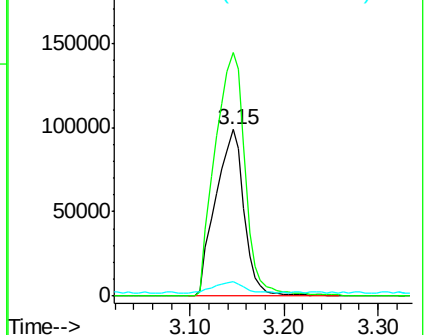
44 8.4 5.7 8.5

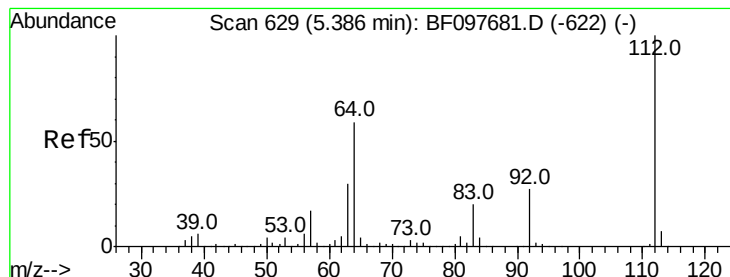


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.970 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097734.D

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SSTDCCC040

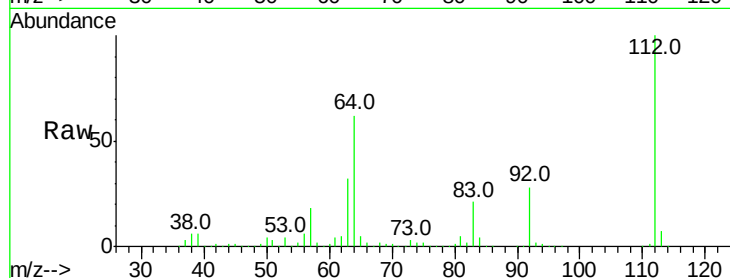
Tot Ion: 112 Resp: 721712

Ion Ratio Lower Upper

112 100

64 62.2 46.0 69.0

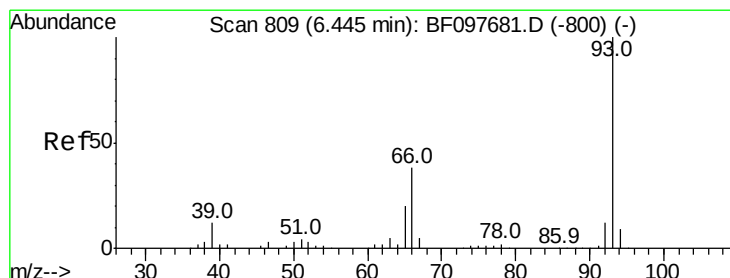
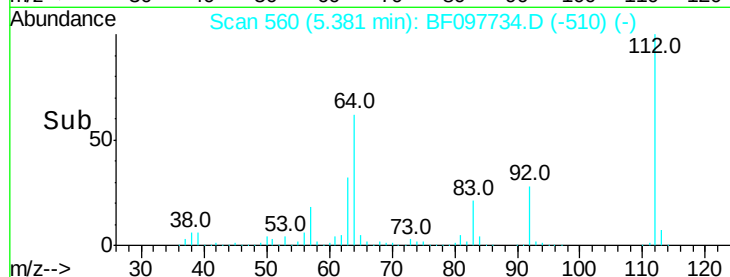
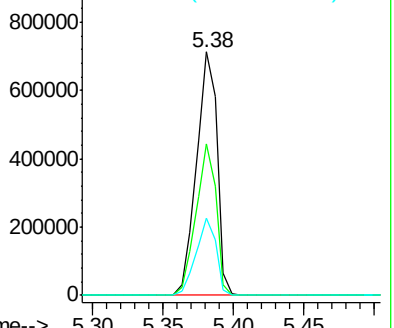
63 31.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.320 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

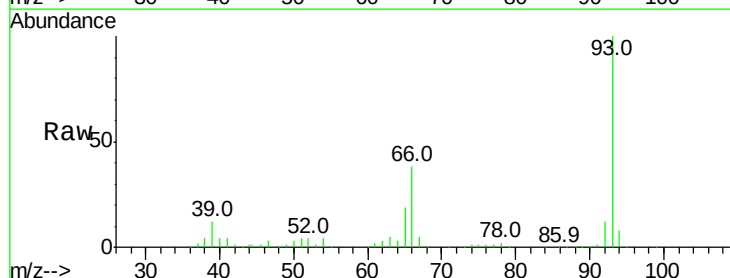
Tgt Ion: 93 Resp: 694410

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

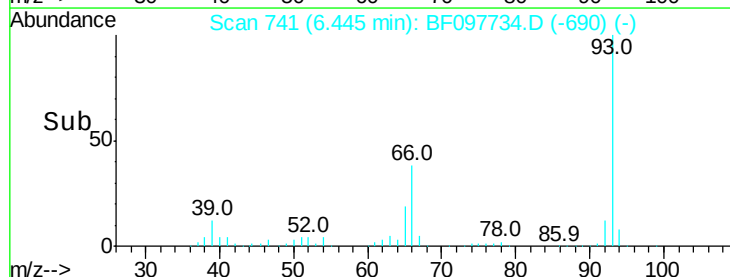
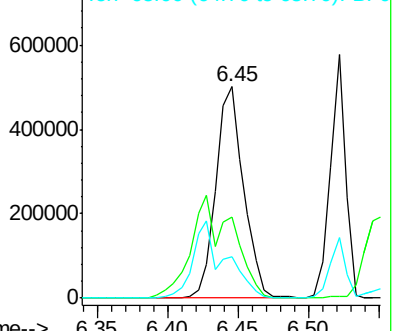
65 19.4 16.0 24.0

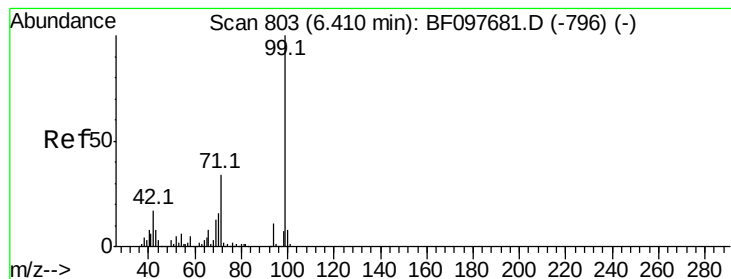


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.583 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

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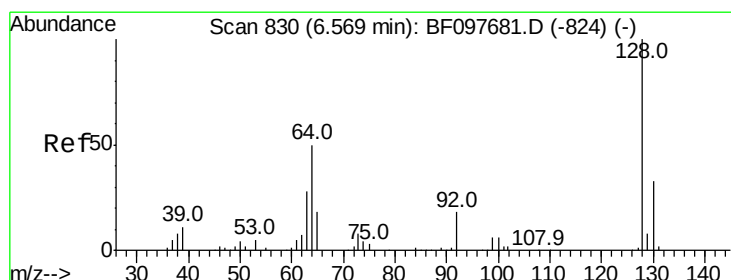
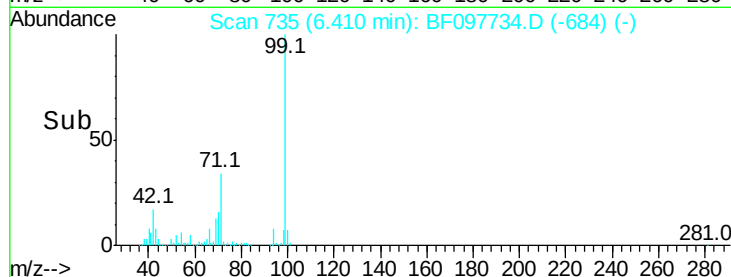
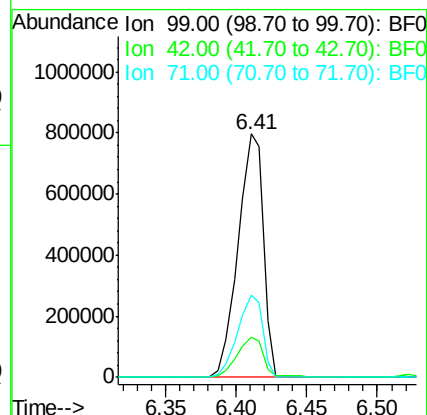
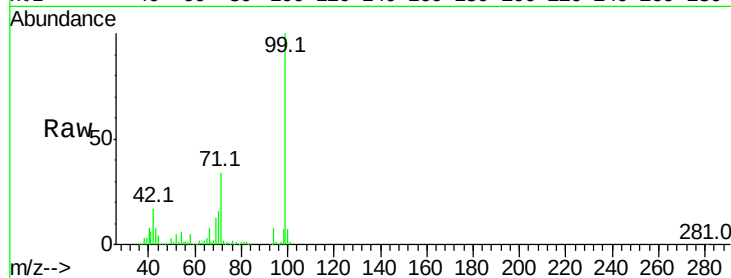
Tot Ion: 99 Resp: 987940

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 33.7 24.5 36.7



#8

2-Chlorophenol

Concen: 41.789 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

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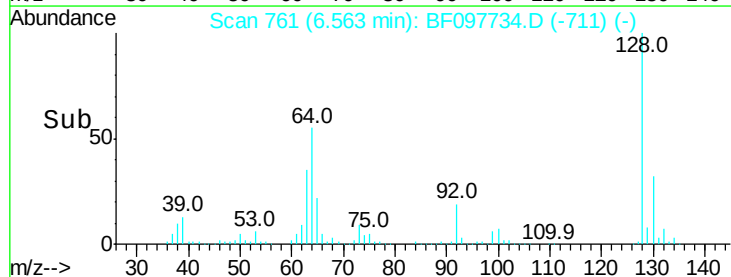
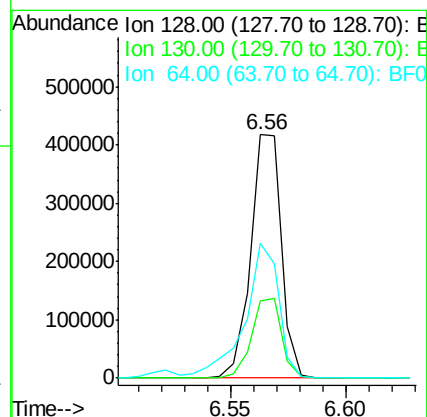
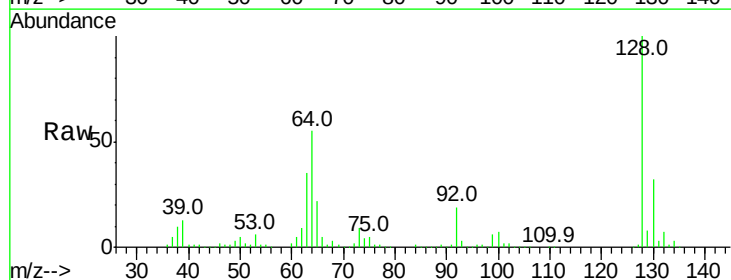
Tgt Ion:128 Resp: 388034

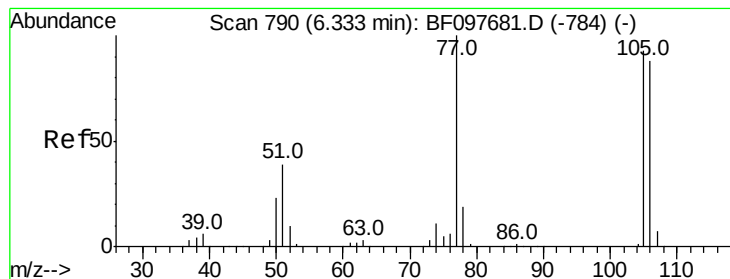
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 55.3 28.4 68.4





#9

Benzaldehyde

Concen: 39.423 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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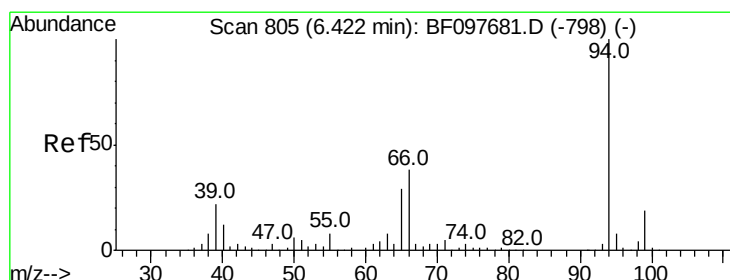
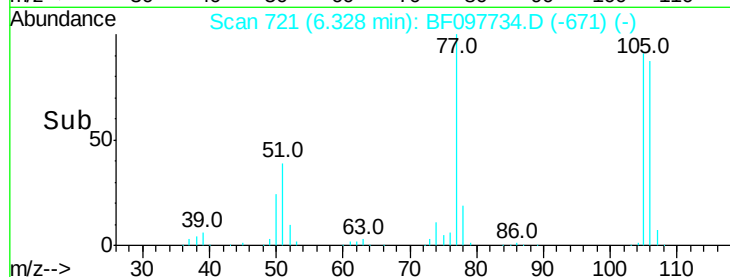
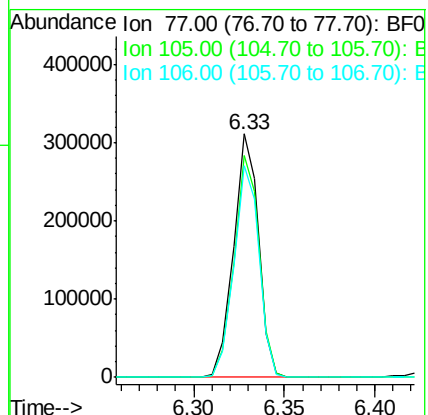
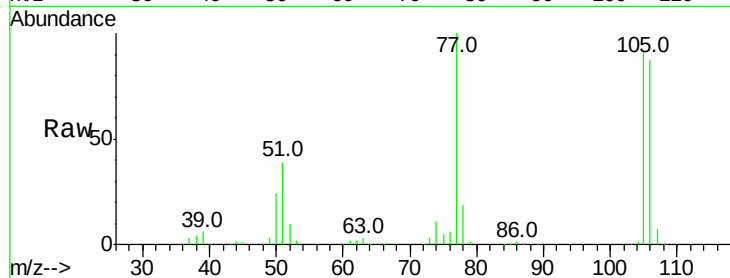
Tot Ion: 77 Resp: 298723

Ion Ratio Lower Upper

77 100

105 91.0 83.8 123.8

106 86.8 79.1 119.1



#10

Phenol

Concen: 42.417 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

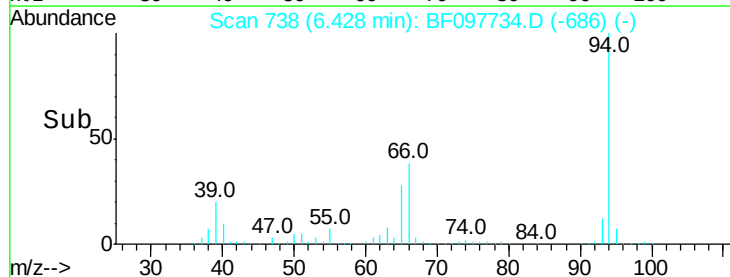
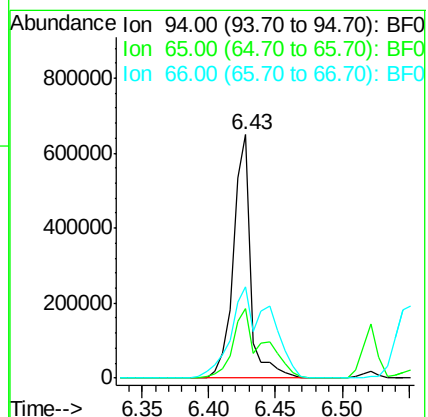
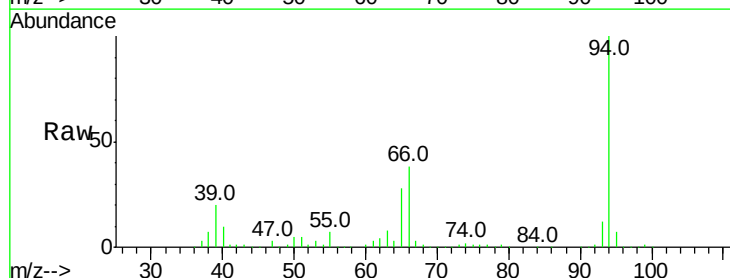
Tgt Ion: 94 Resp: 593462

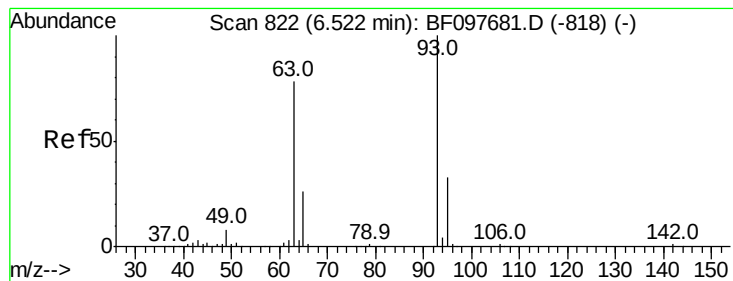
Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

66 37.6 23.1 63.1

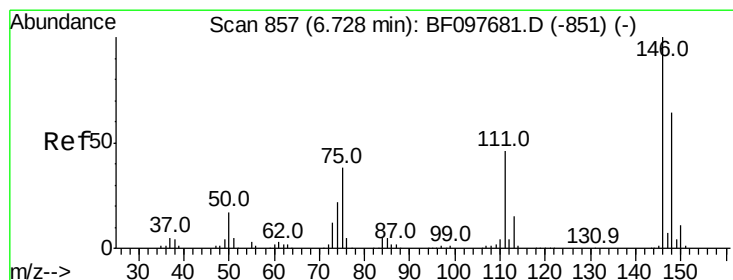
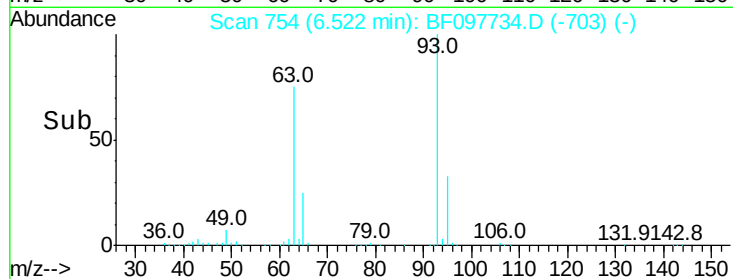
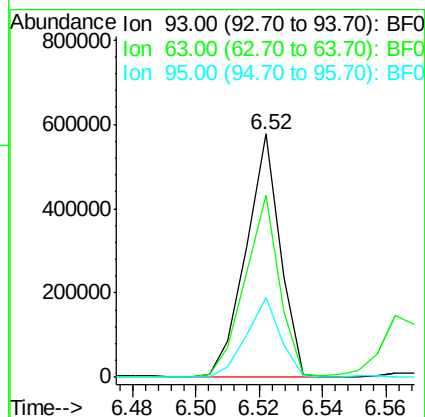
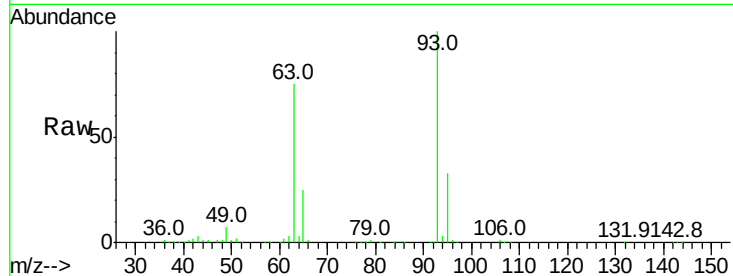




#11
 bis(2-Chloroethyl)ether
 Concen: 40.787 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

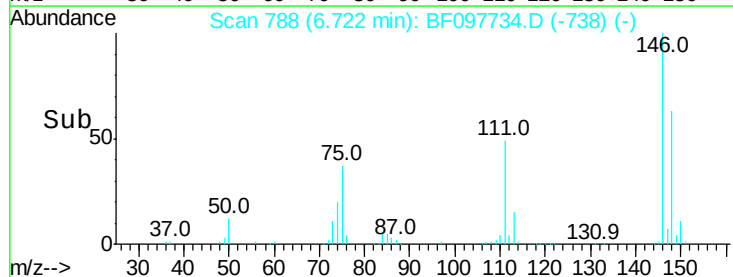
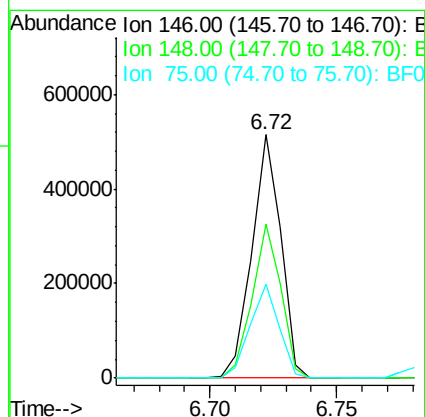
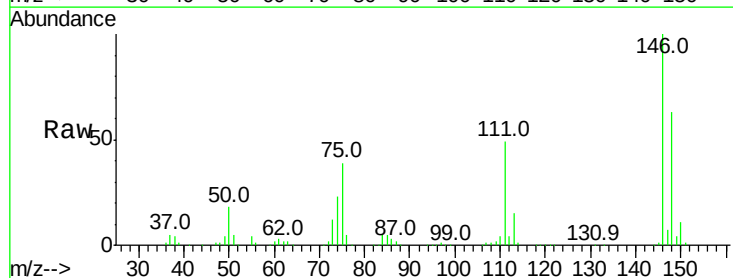
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

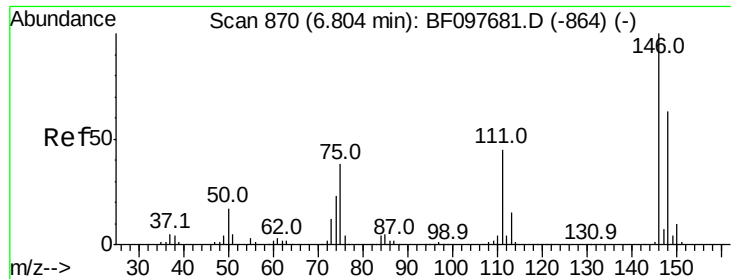
Tot Ion:	93	Resp:	430714
Ion	Ratio	Lower	Upper
93	100		
63	74.9	59.2	99.2
95	32.5	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.105 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:	146	Resp:	410553
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	38.6	23.1	34.7#

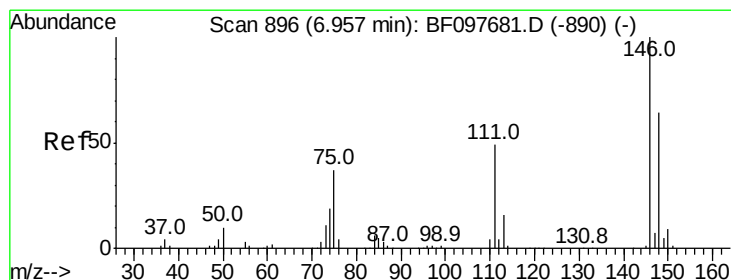
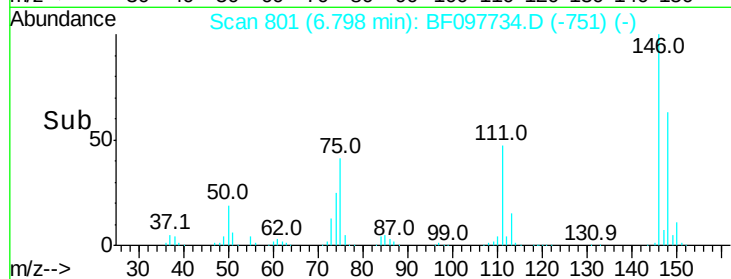
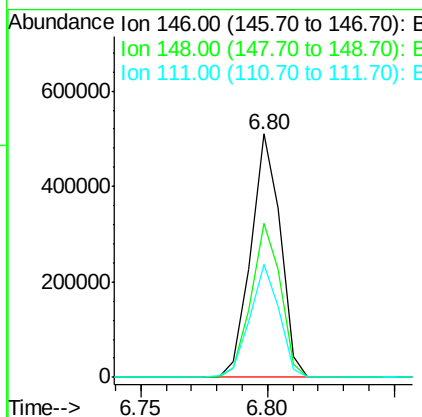
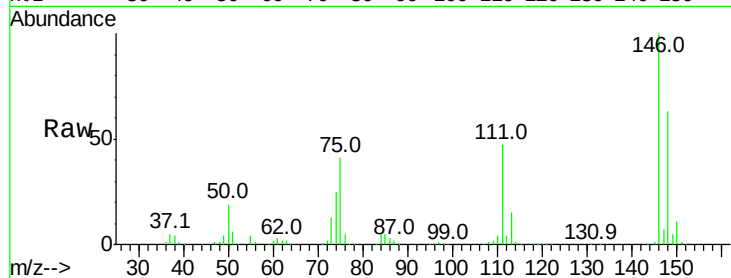




#13
 1,4-Dichlorobenzene
 Concen: 40.639 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

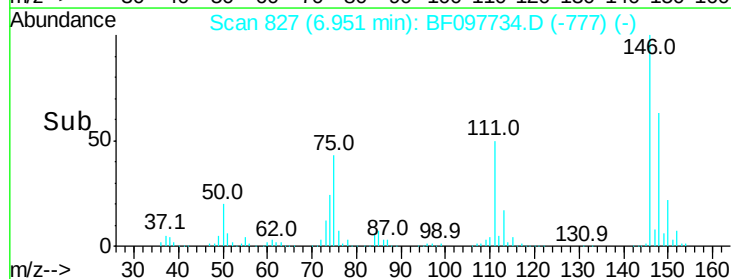
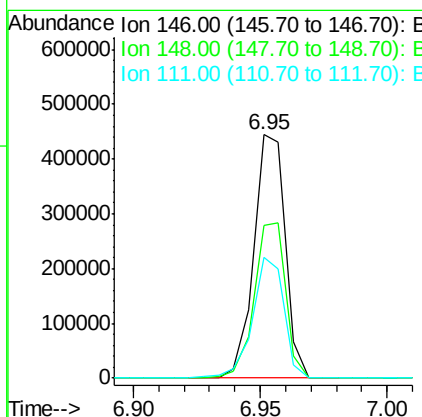
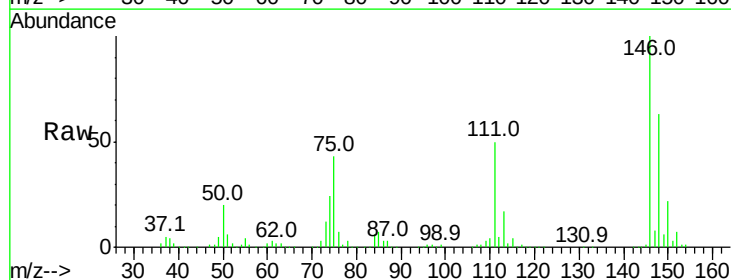
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

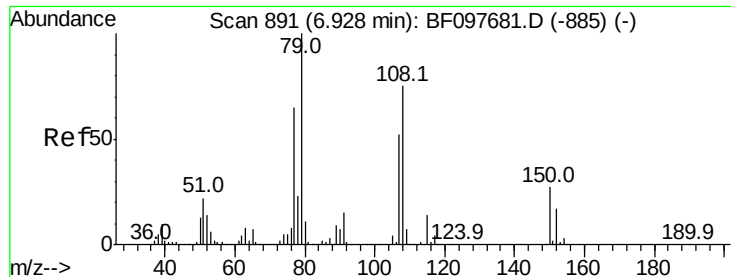
Tot Ion:146 Resp: 412819
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 46.6 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 40.976 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:146 Resp: 383799
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 49.7 38.2 57.4

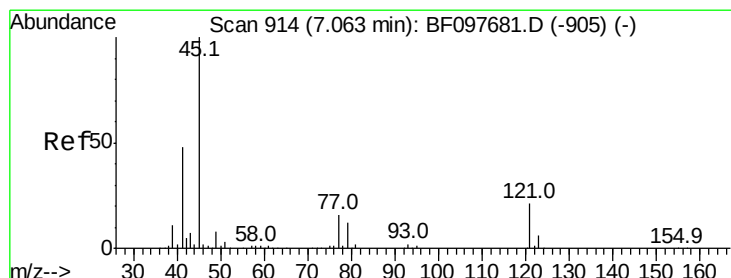
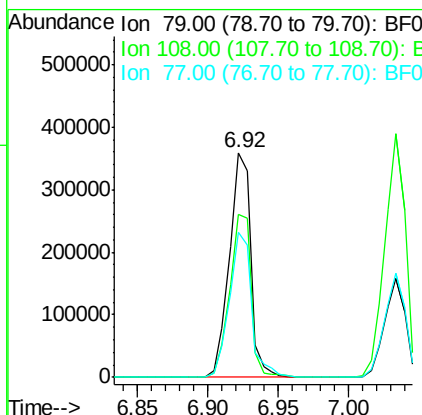
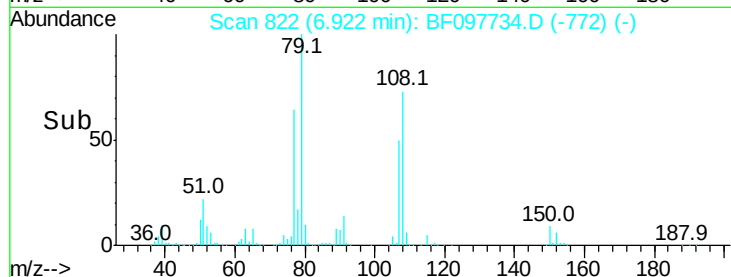
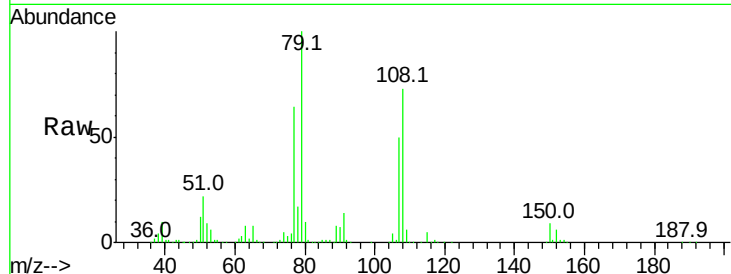




#15
Benzyl Alcohol
Concen: 42.204 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

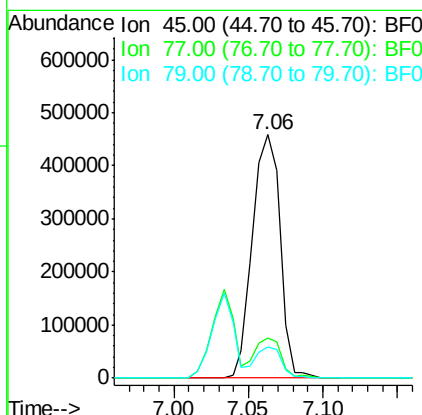
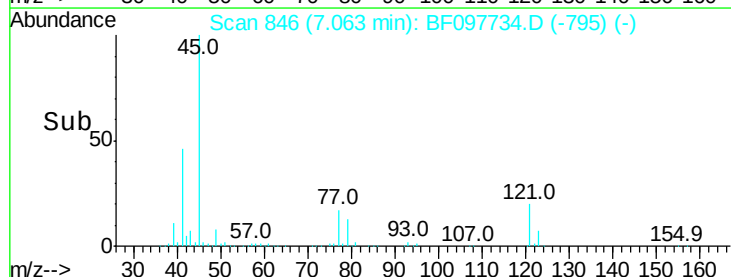
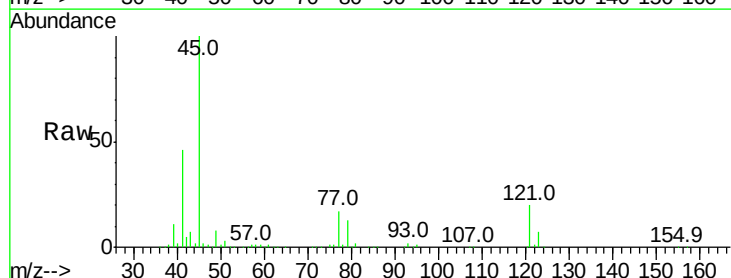
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

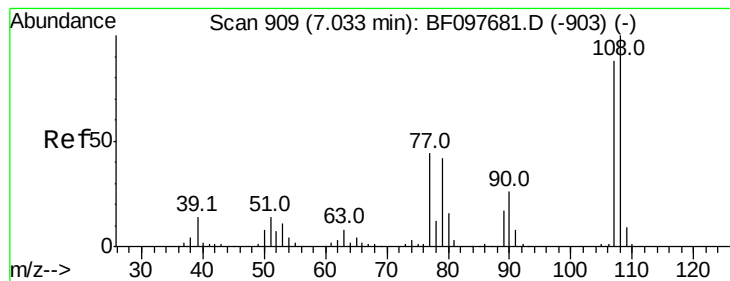
Tot Ion: 79 Resp: 377998
Ion Ratio Lower Upper
79 100
108 72.7 63.4 95.0
77 64.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.093 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion: 45 Resp: 583867
Ion Ratio Lower Upper
45 100
77 16.6 0.0 33.2
79 12.6 0.0 30.0

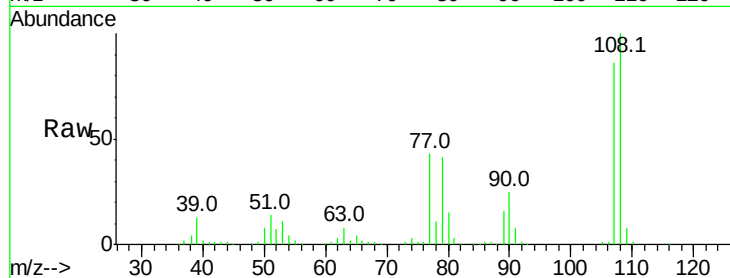




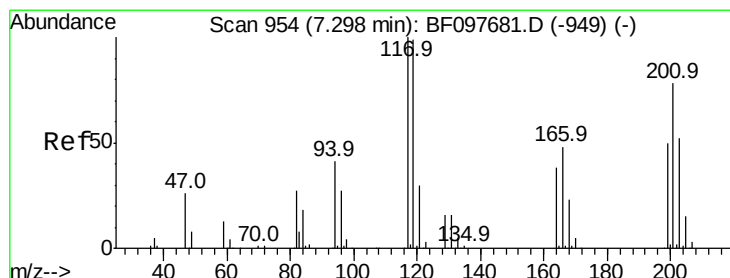
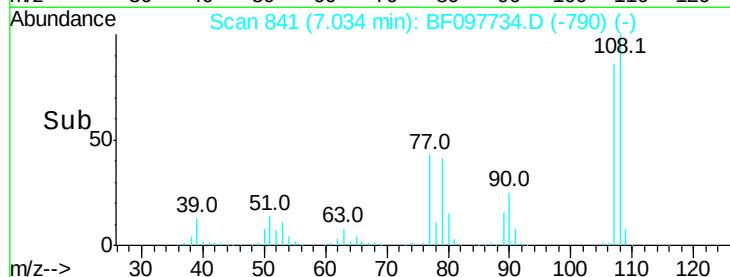
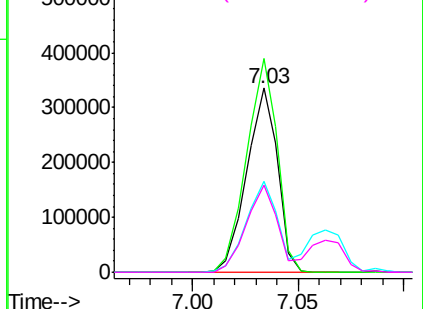
#17
2-Methylphenol
Concen: 41.452 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	339187
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.4	140.0
77	49.7	35.8	53.6
79	47.4	34.8	52.2

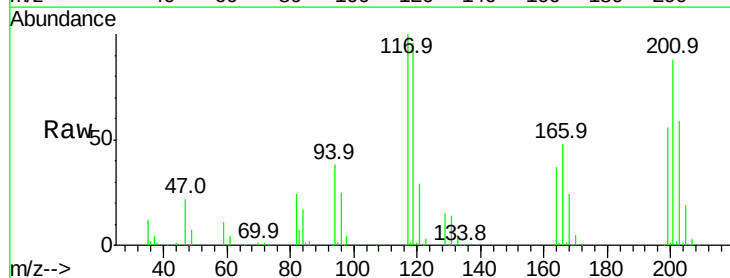


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

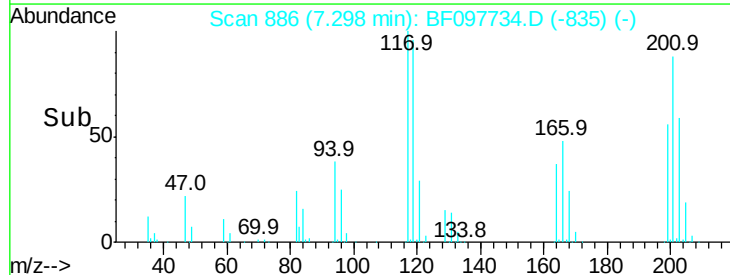
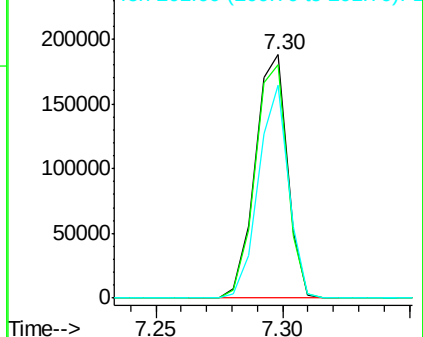


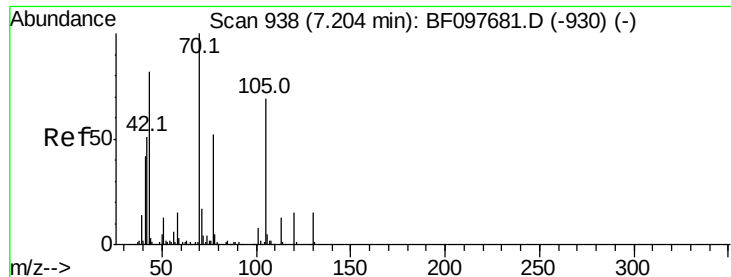
#18
Hexachloroethane
Concen: 42.131 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:	117	Resp:	167791
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	87.7	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

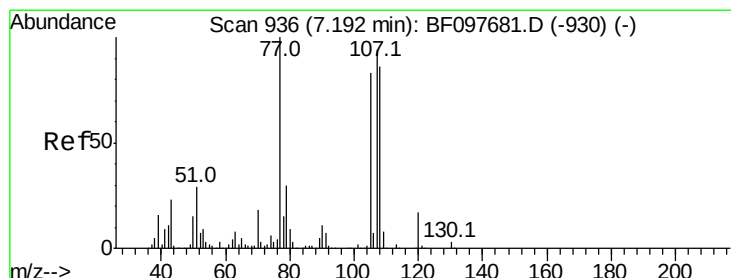
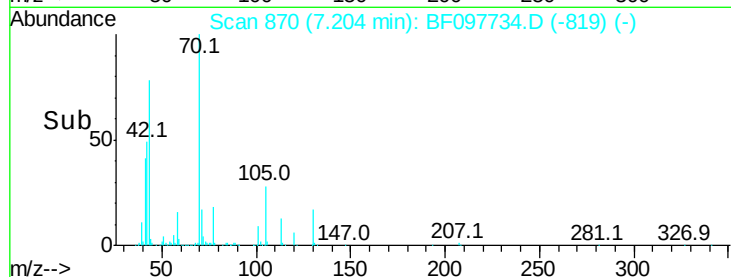
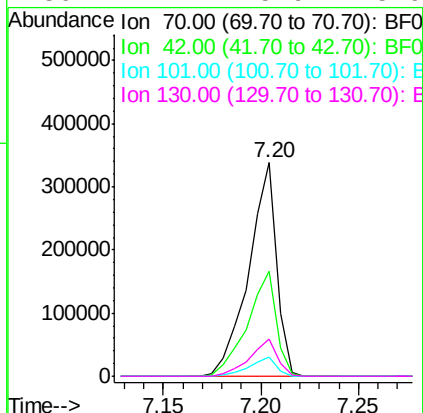
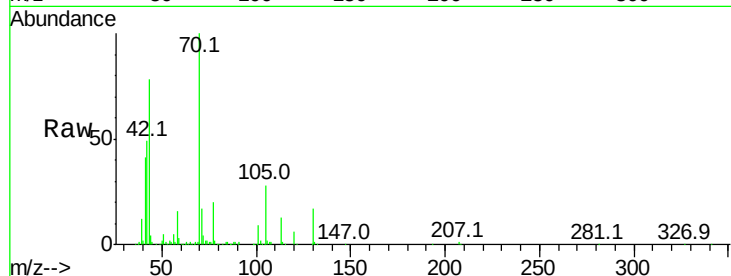




#19
n-Nitroso-di-n-propylamine
Concen: 41.016 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

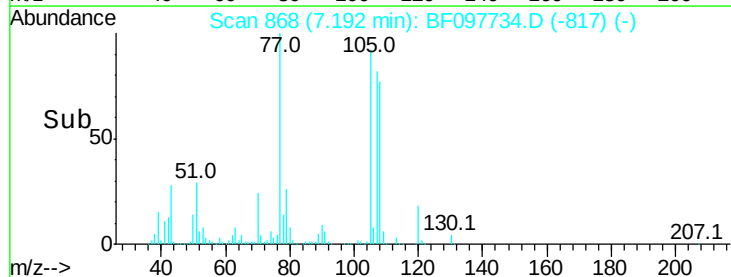
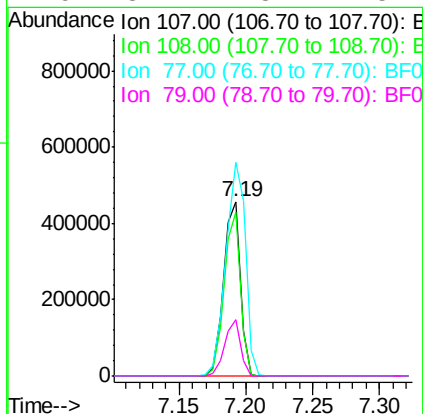
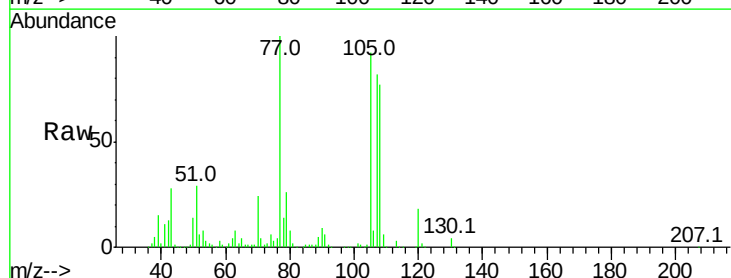
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

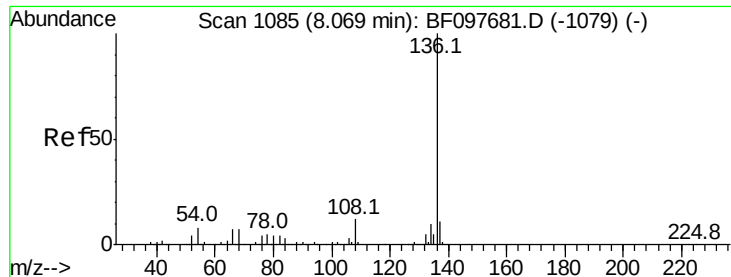
Tot Ion:	70	Resp:	335891
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	8.9	7.2	10.8
130	17.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.068 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:	107	Resp:	410450
Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.0	111.0
77	122.5	90.5	130.5
79	32.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 536962

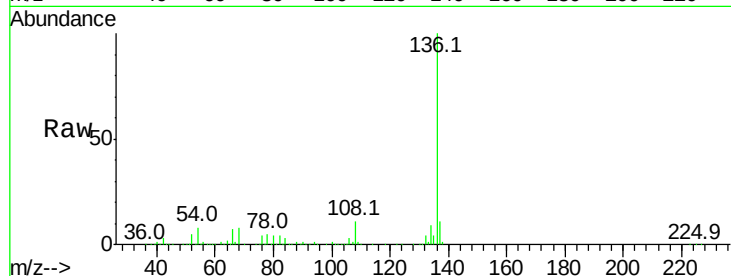
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.6 4.1 6.1#

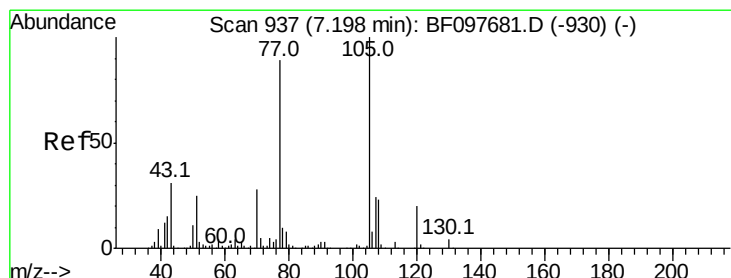
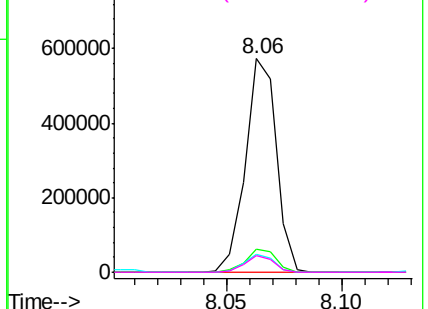
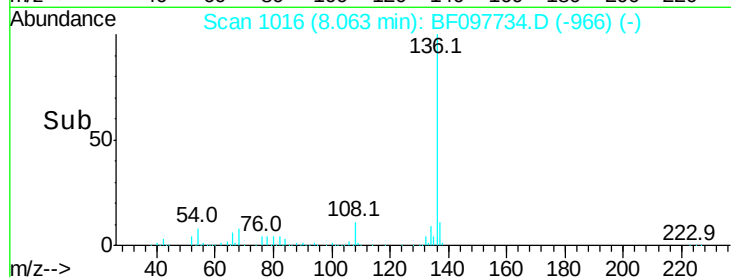


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.448 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Tgt Ion:105 Resp: 559575

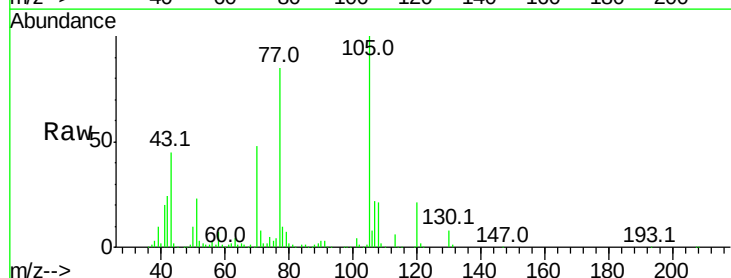
Ion Ratio Lower Upper

105 100

71 8.1 2.8 4.2#

51 22.6 30.7 46.1#

120 21.2 17.4 26.0

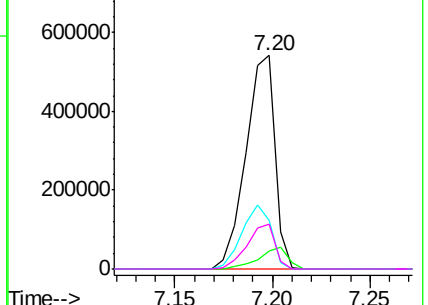
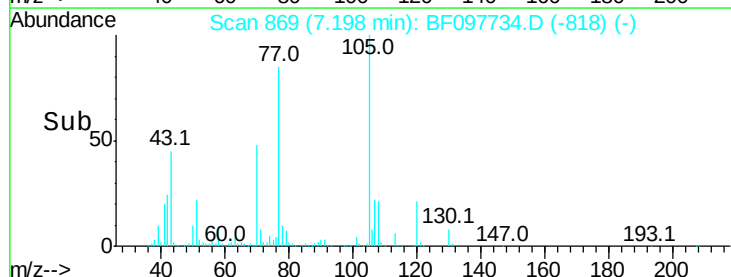


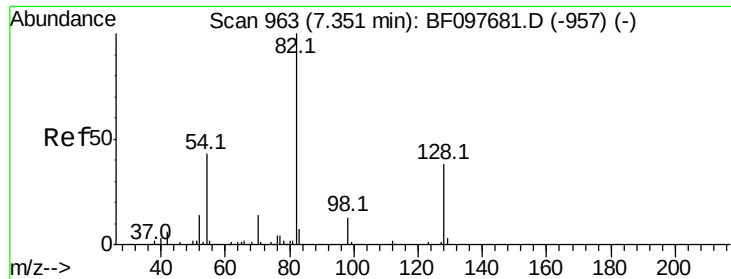
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

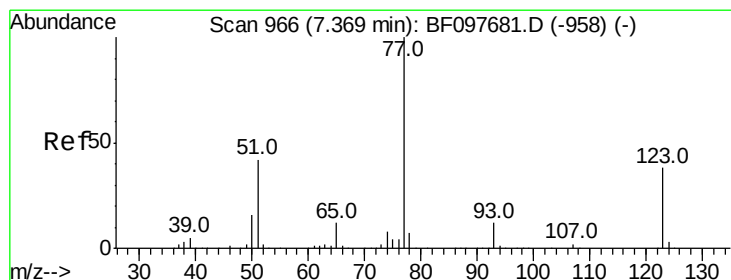
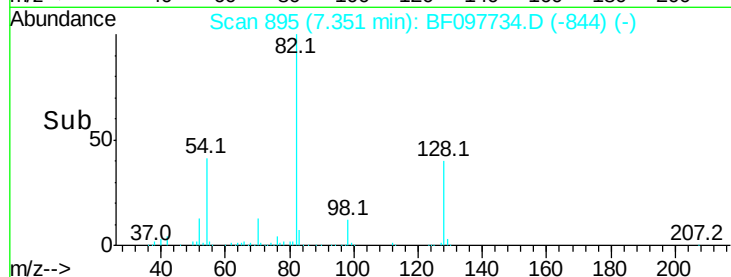
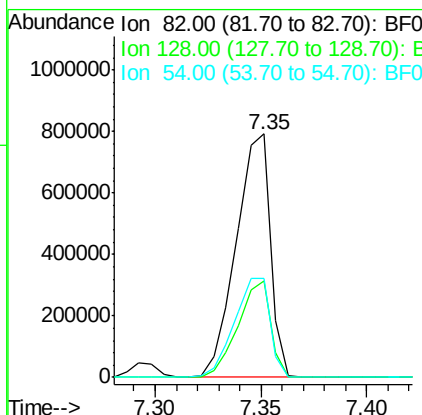
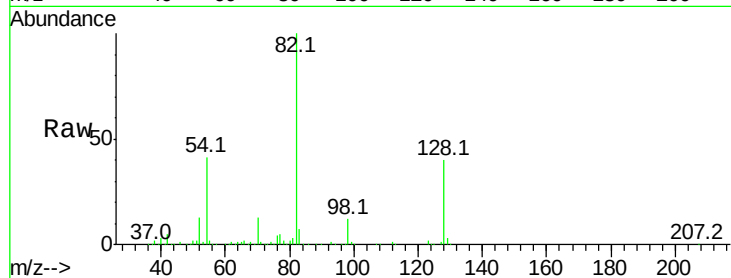




#23
Nitrobenzene-d5
Concen: 90.173 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

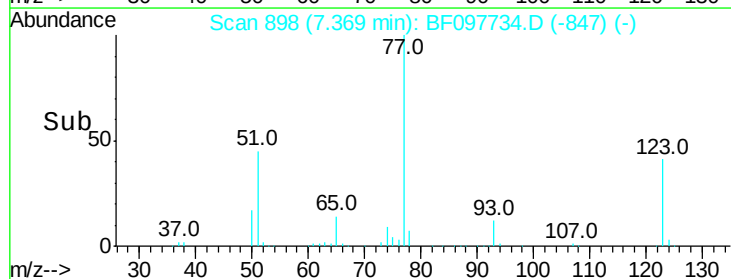
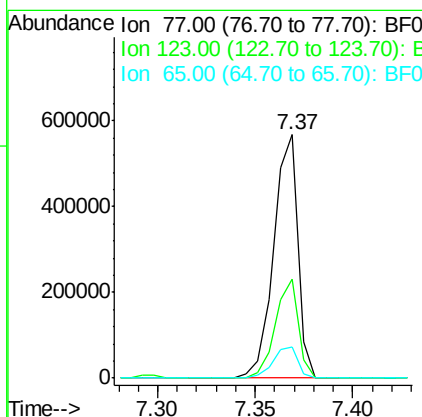
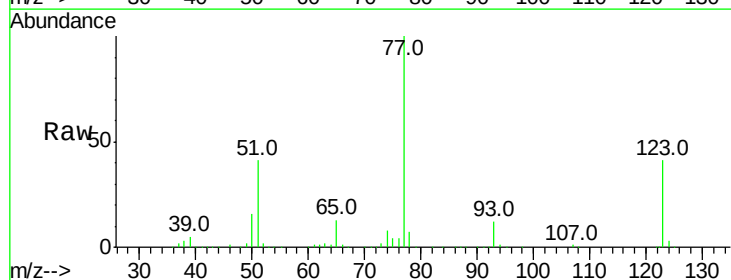
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

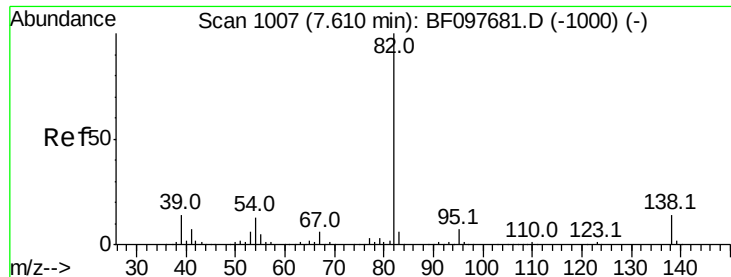
Tot Ion: 82 Resp: 891297
Ion Ratio Lower Upper
82 100
128 39.7 34.0 51.0
54 40.9 42.2 63.2#



#24
Nitrobenzene
Concen: 44.365 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion: 77 Resp: 488260
Ion Ratio Lower Upper
77 100
123 40.6 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 41.198 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

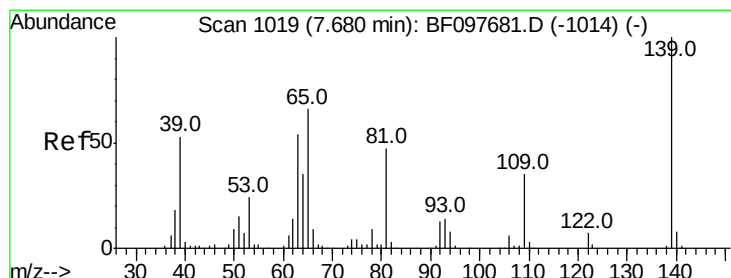
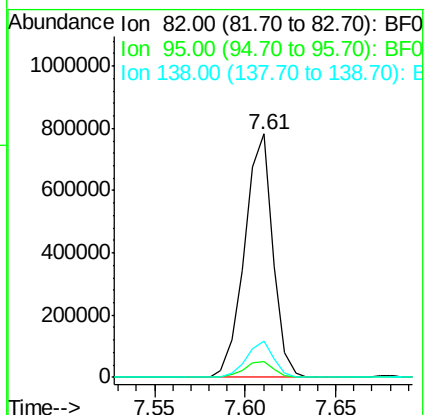
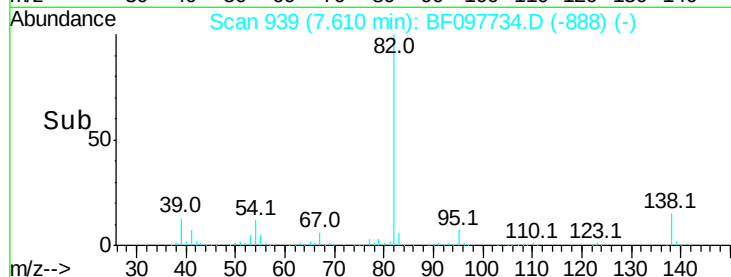
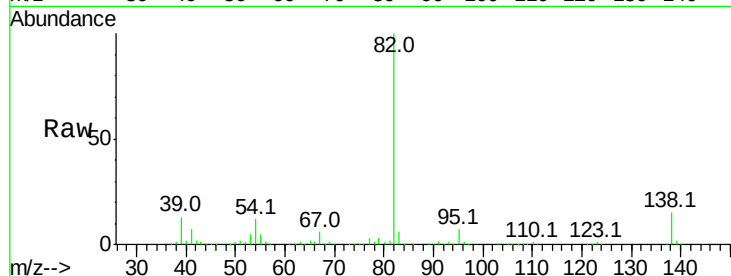
Tot Ion: 82 Resp: 846742

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 14.9 13.1 19.7



#26

2-Nitrophenol

Concen: 47.375 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

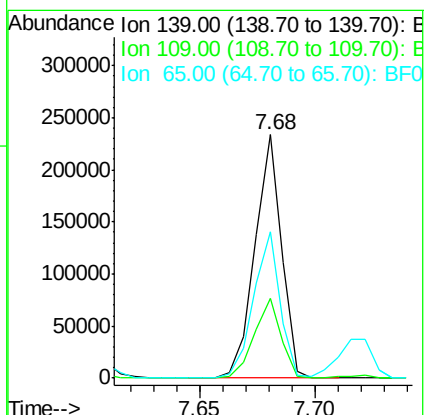
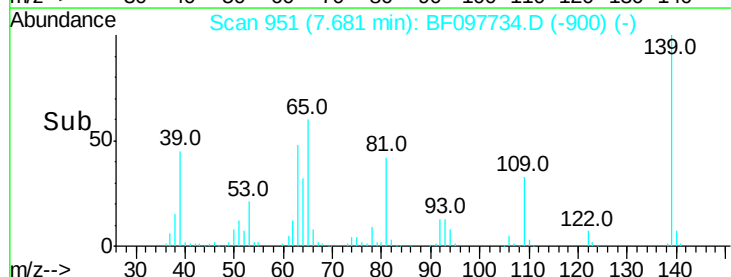
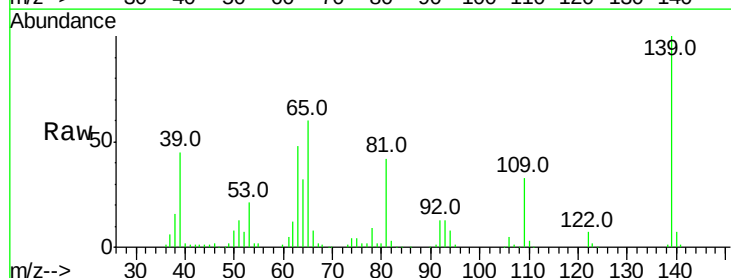
Tgt Ion:139 Resp: 188590

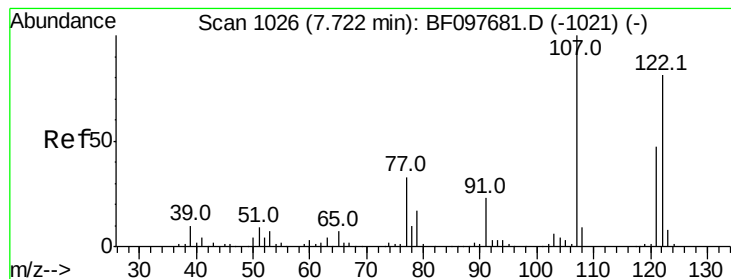
Ion Ratio Lower Upper

139 100

109 33.0 21.0 31.6#

65 60.2 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.427 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

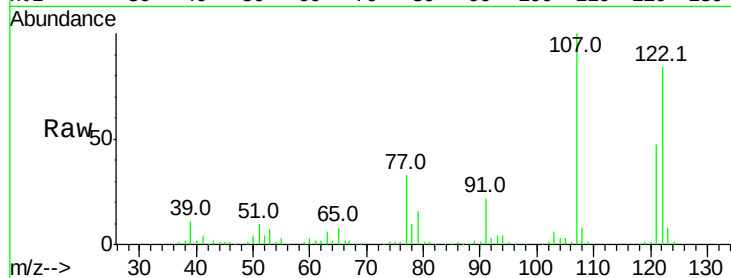
Tot Ion:122 Resp: 355099

Ion Ratio Lower Upper

122 100

107 118.6 89.2 133.8

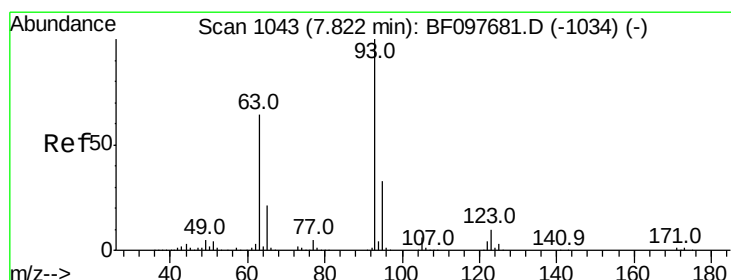
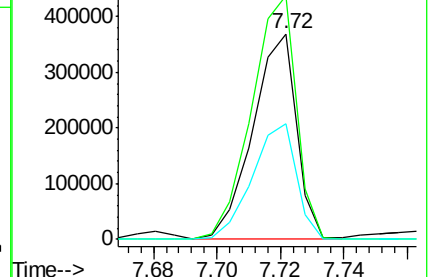
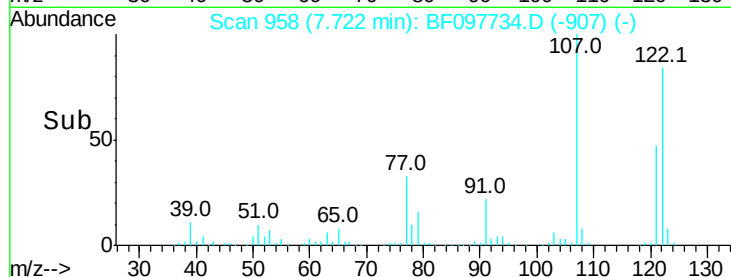
121 56.1 45.2 67.8



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: 41.481 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

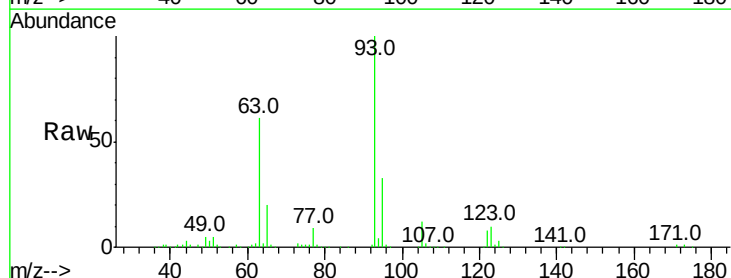
Tgt Ion: 93 Resp: 560510

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

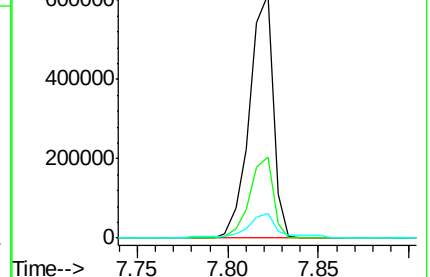
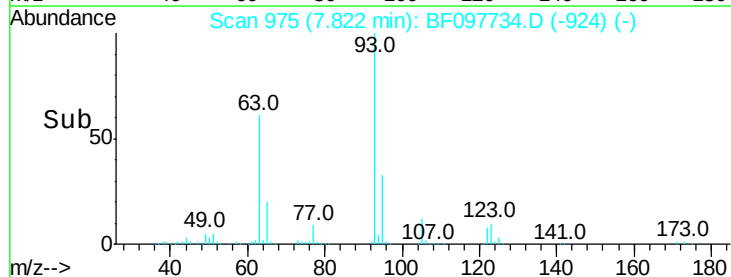
123 10.4 9.0 13.4

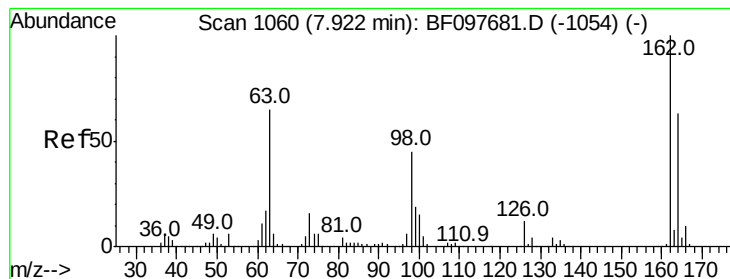


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

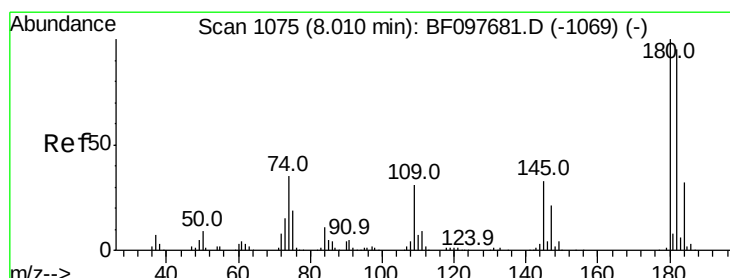
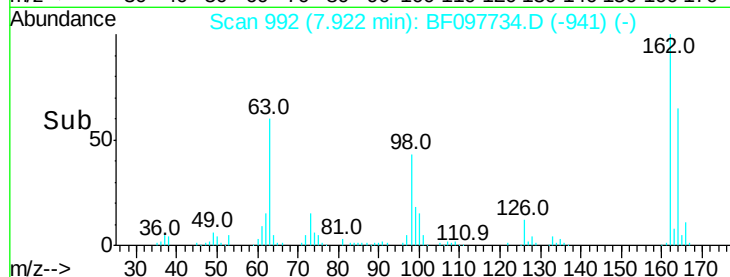
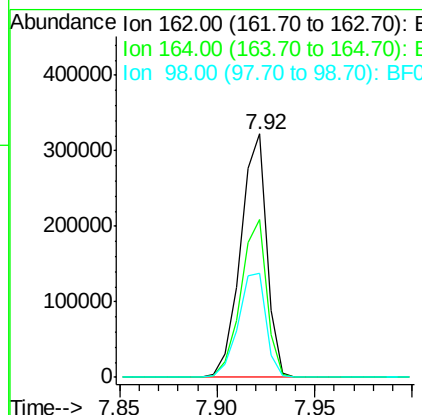
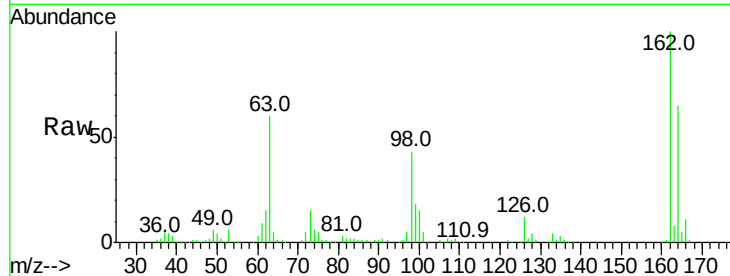




#29
 2,4-Dichlorophenol
 Concen: 42.221 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

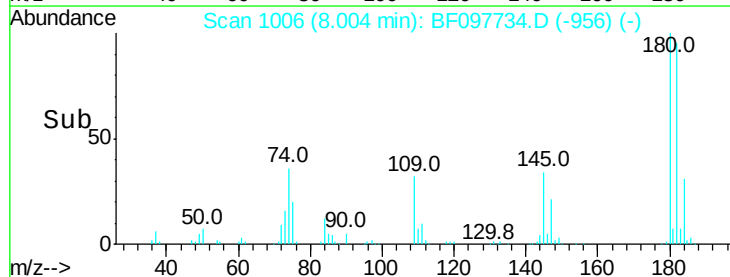
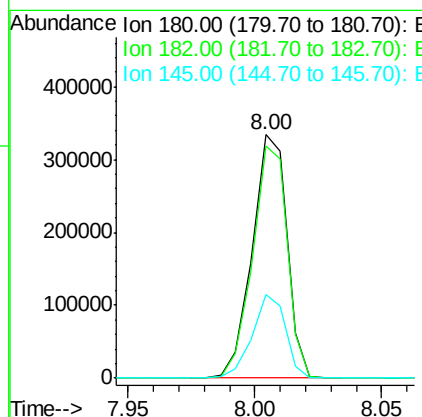
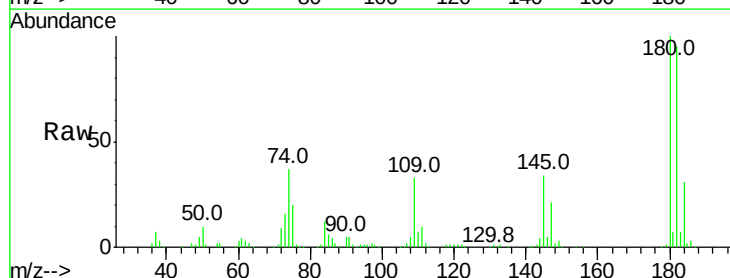
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

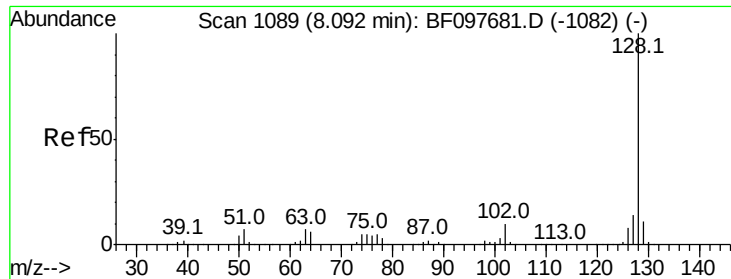
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	42.8	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.597 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	34.2	25.3	37.9

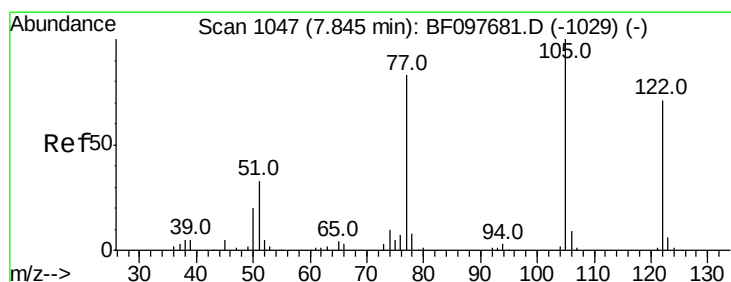
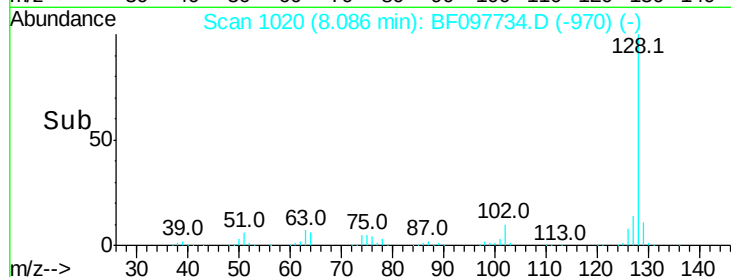
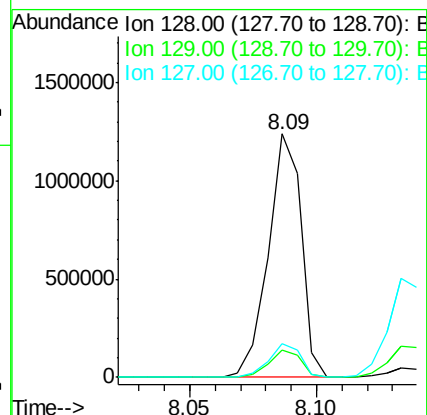
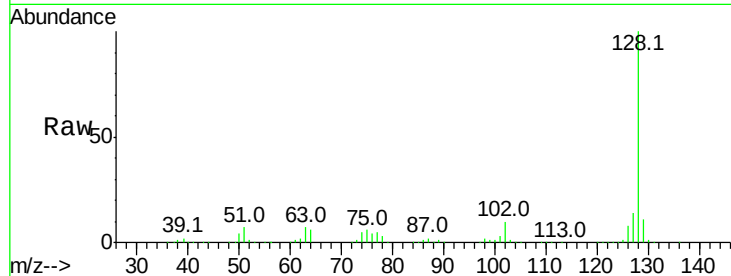




#31
Naphthalene
Concen: 40.360 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

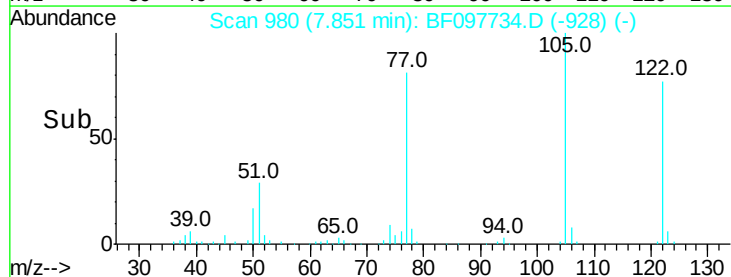
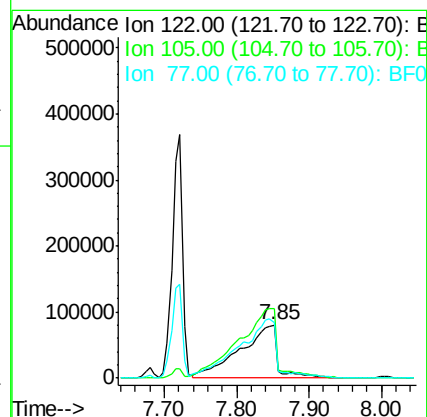
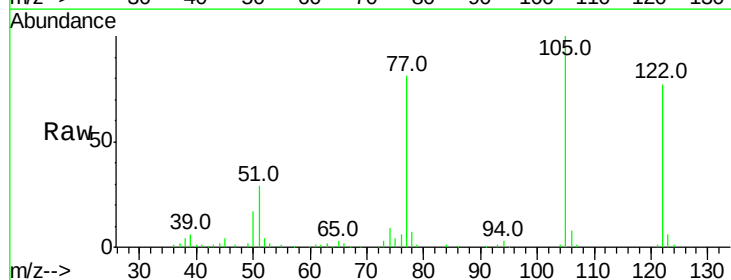
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

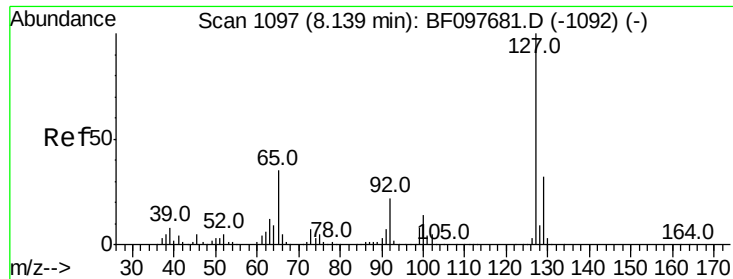
Tot Ion:128 Resp: 1125098
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 46.551 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:122 Resp: 289333
Ion Ratio Lower Upper
122 100
105 130.0 103.3 143.3
77 105.0 73.7 113.7

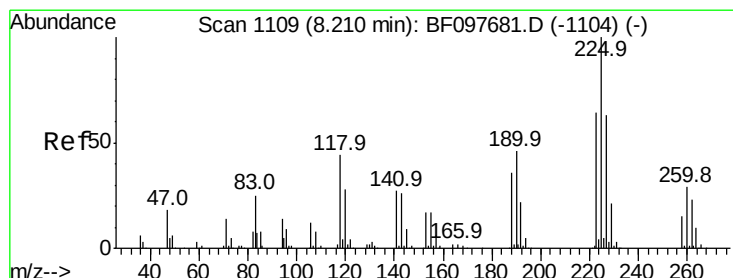
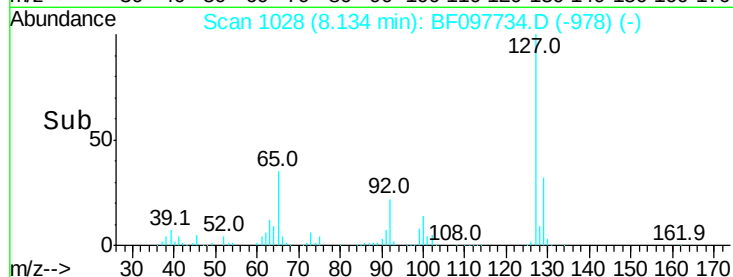
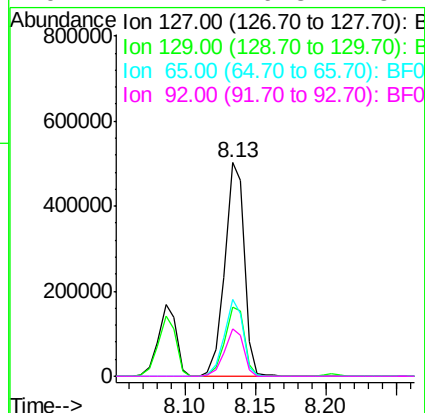
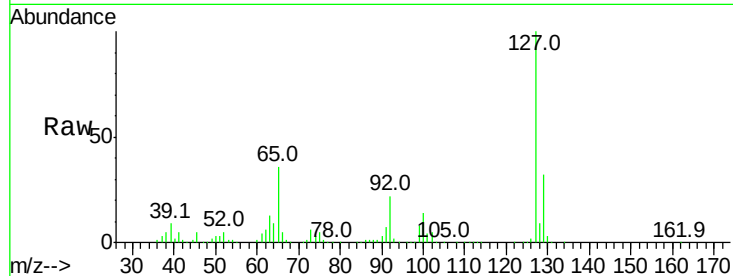




#33
4-Chloroaniline
Concen: 40.992 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

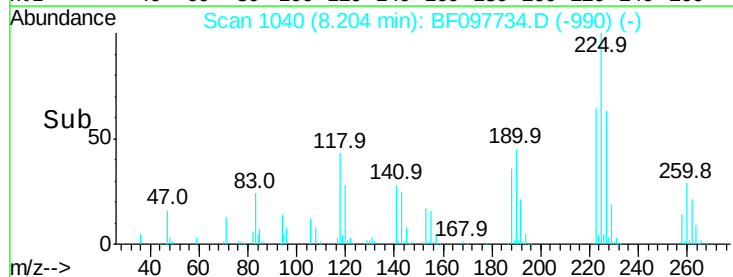
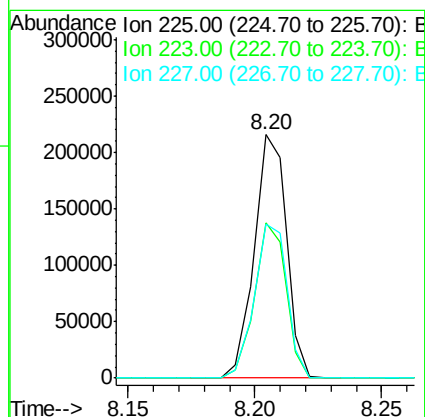
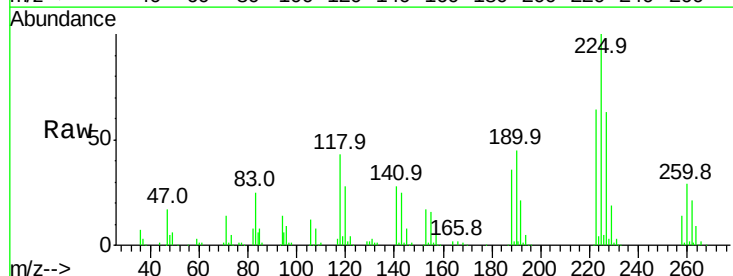
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

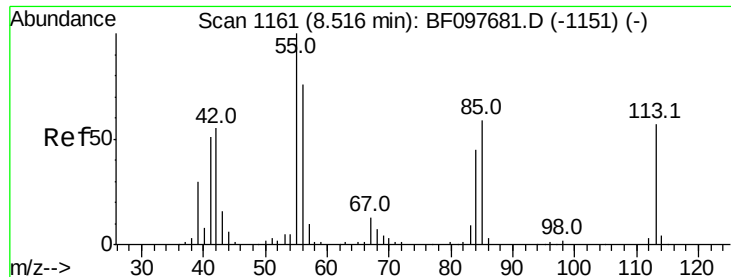
Tot Ion:	127	Resp:	481920
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	35.8	27.8	41.8
92	22.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.647 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:	225	Resp:	191802
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	63.3	51.1	76.7

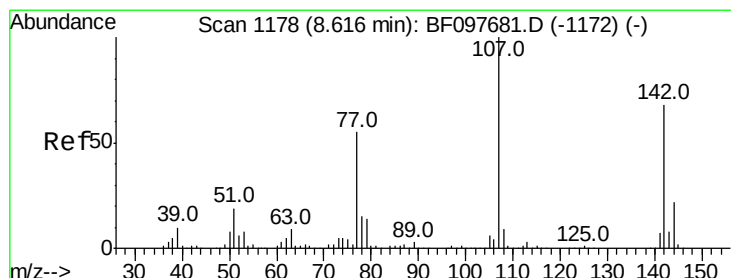
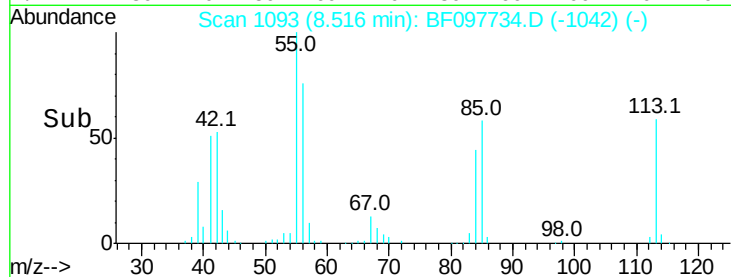
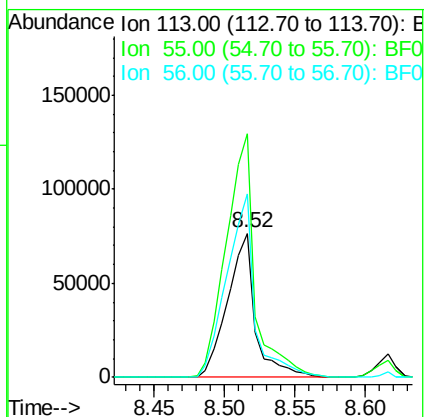
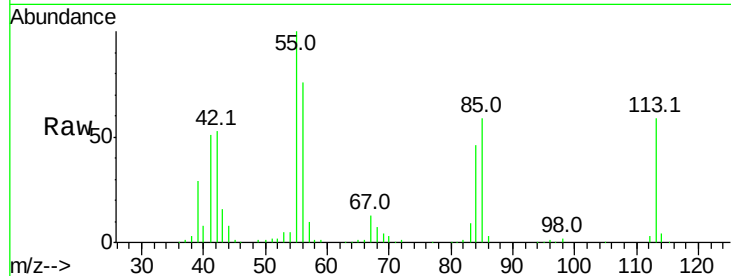




#35
Caprolactam
Concen: 43.444 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

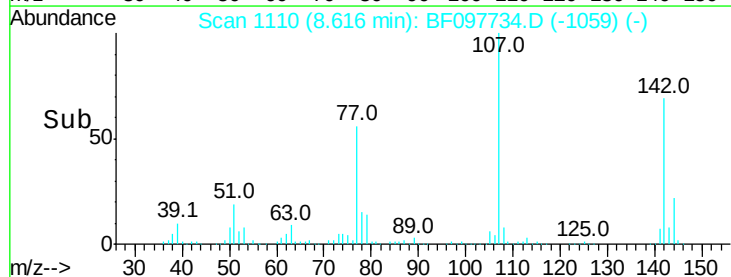
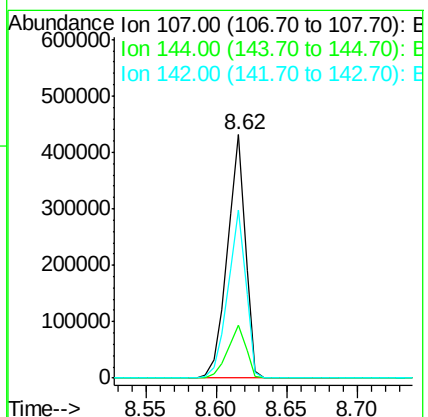
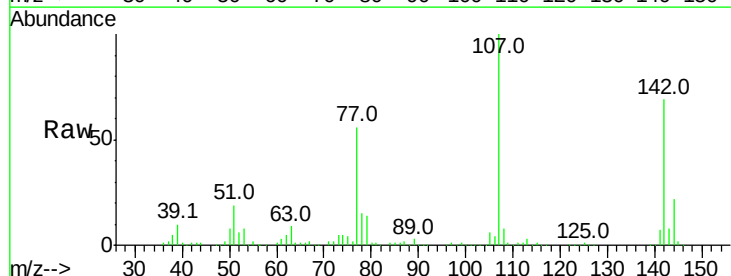
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

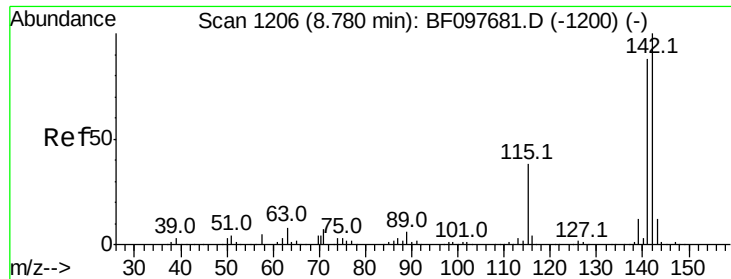
Tot Ion:113 Resp: 105089
Ion Ratio Lower Upper
113 100
55 169.2 150.2 190.2
56 127.8 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 42.022 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:107 Resp: 384160
Ion Ratio Lower Upper
107 100
144 21.9 24.2 36.4#
142 69.3 73.4 110.0#

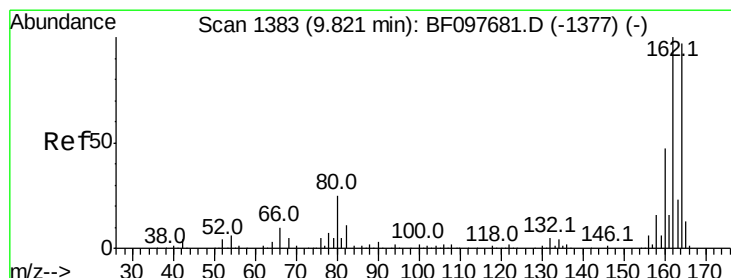
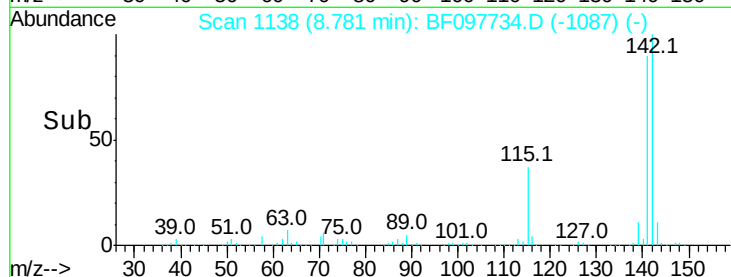
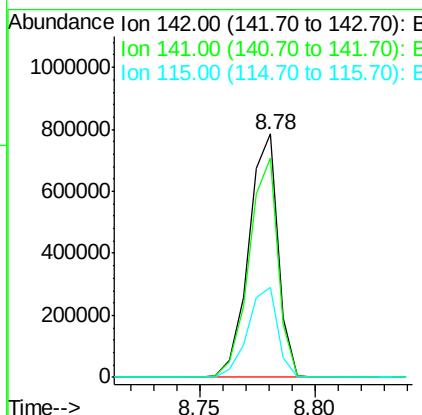
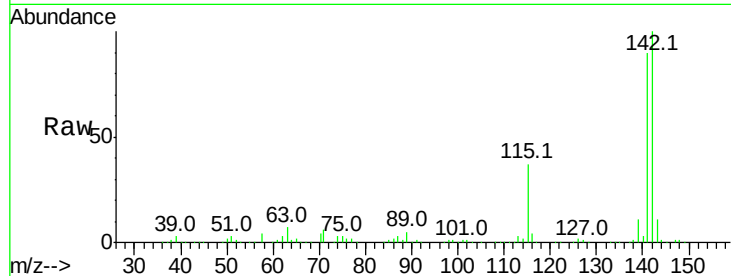




#37
 2-Methylnaphthalene
 Concen: 40.824 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

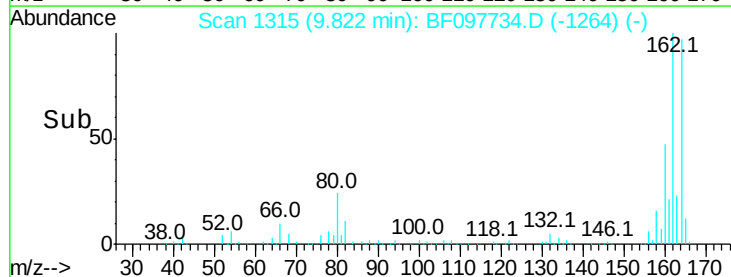
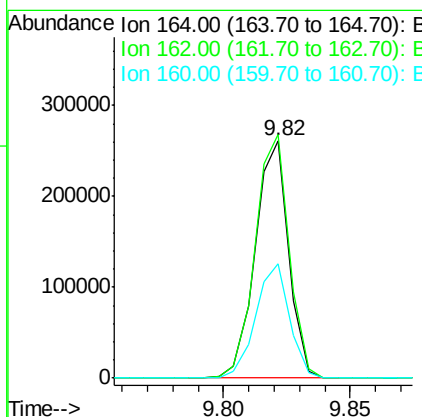
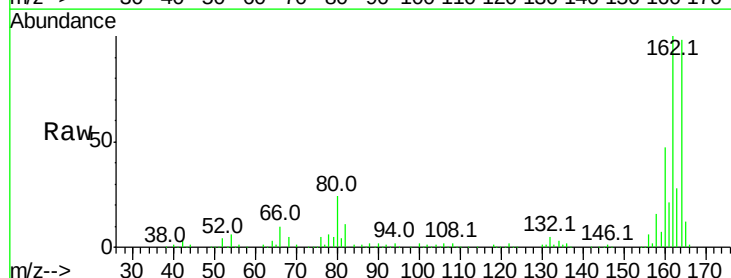
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

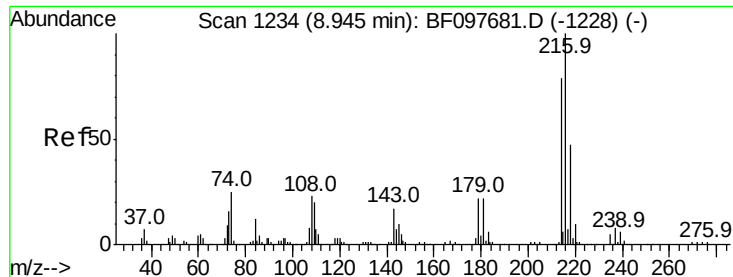
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	36.9	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	48.1	36.2	54.2

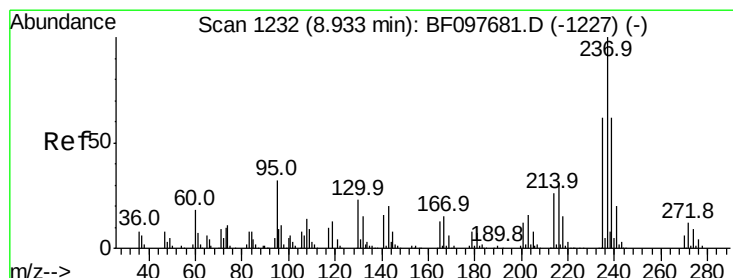
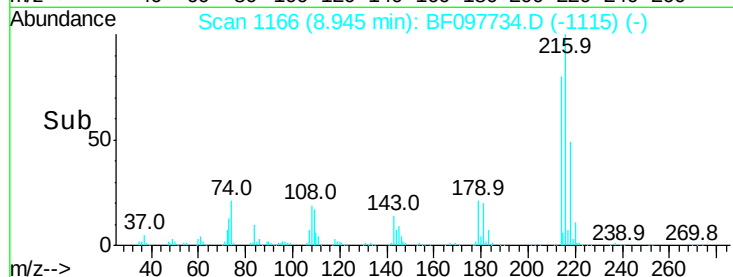
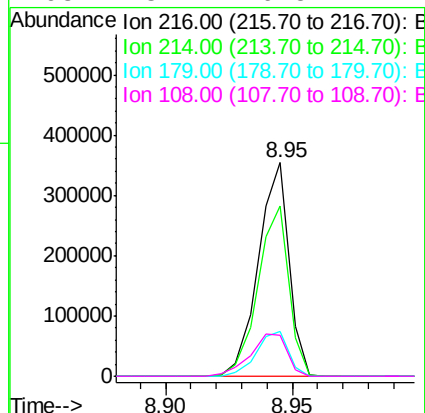
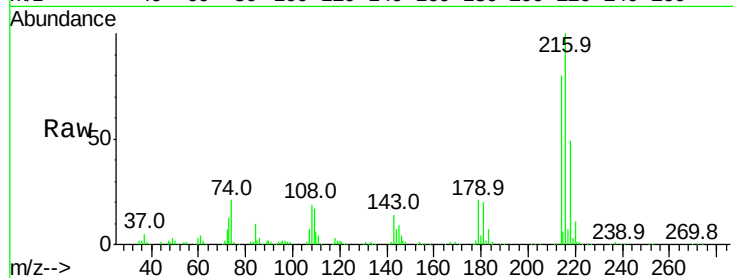




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.980 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

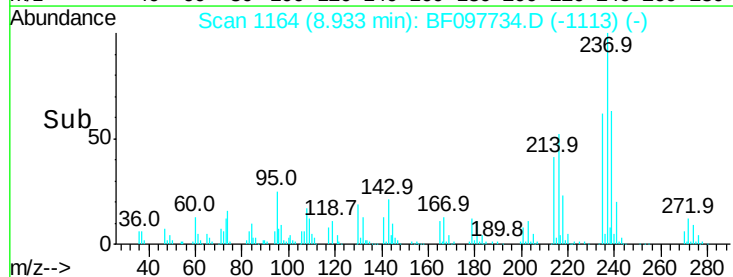
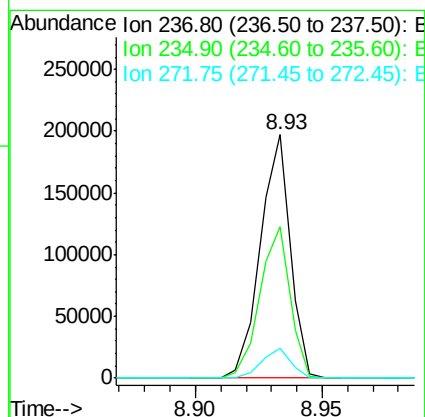
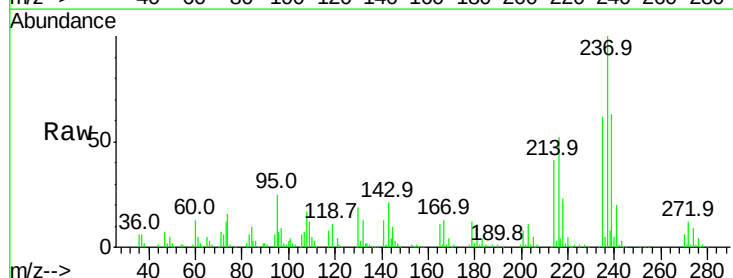
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

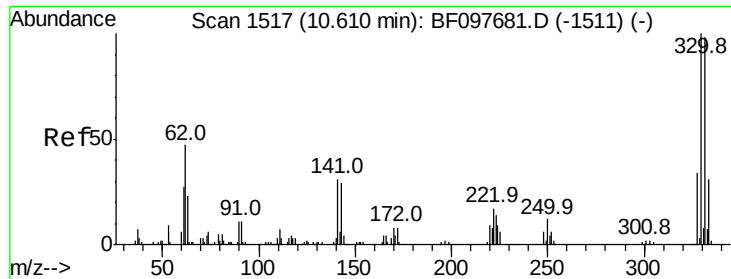
Tot Ion:	216	Resp:	299719
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.0	17.9	26.9
108	23.7	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 46.228 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:	237	Resp:	162427
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.2	0.0	31.9

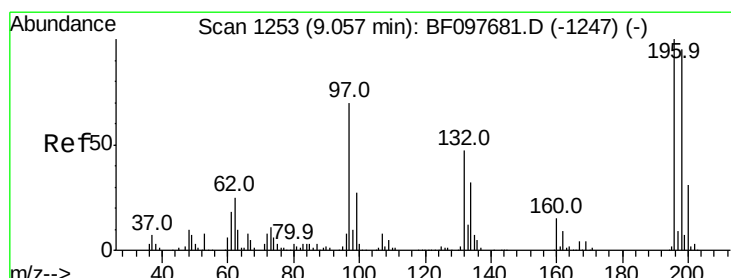
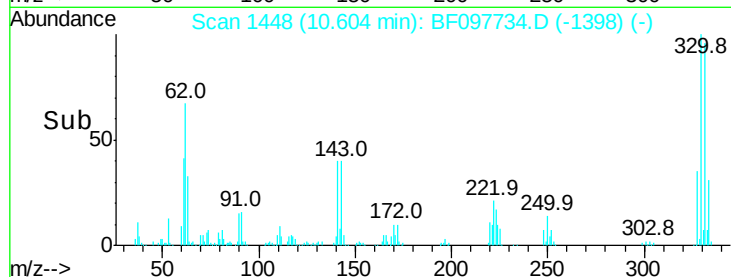
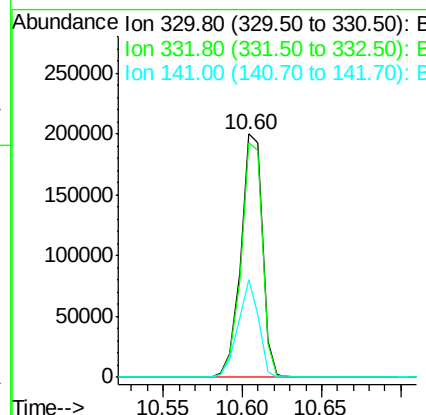
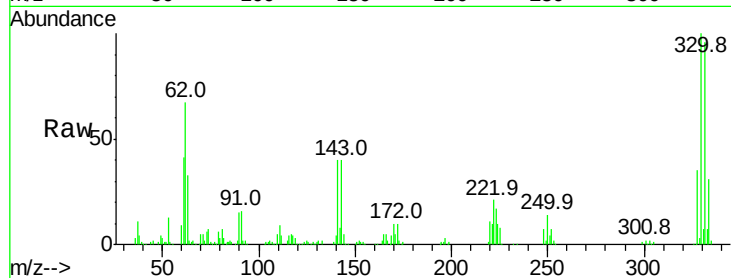




#41
 2,4,6-Tribromophenol
 Concen: 91.434 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

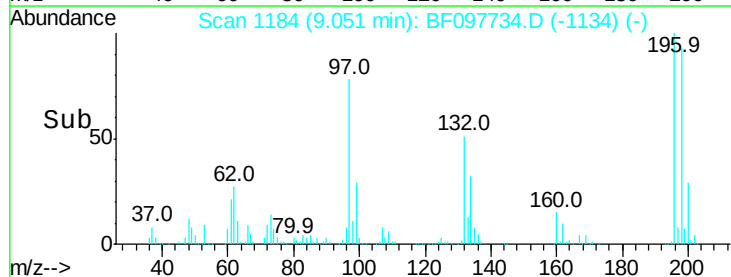
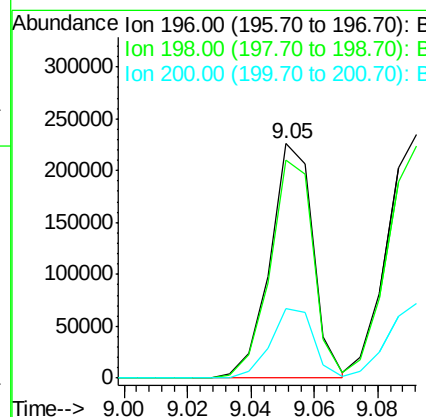
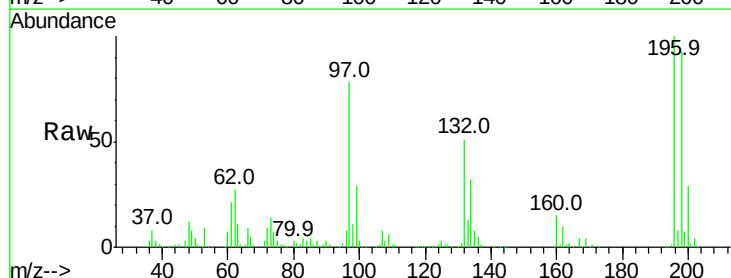
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

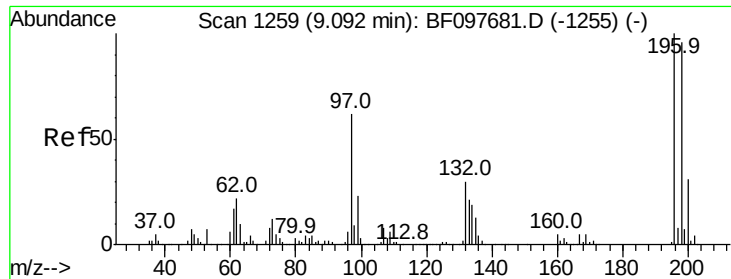
Tot Ion:330 Resp: 189062
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.296 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:196 Resp: 212596
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.2 111.4
 200 29.4 24.0 36.0

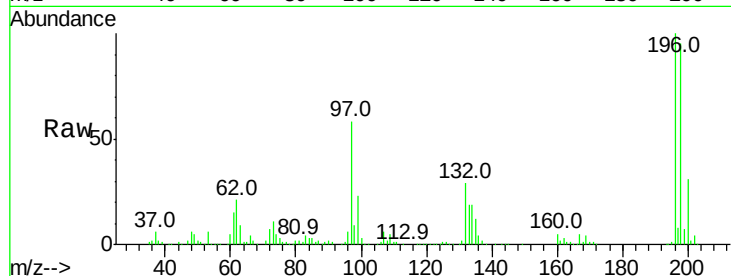




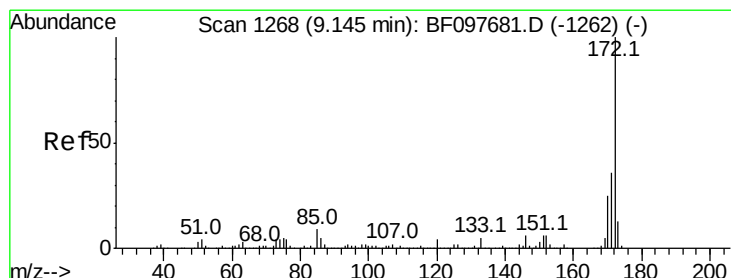
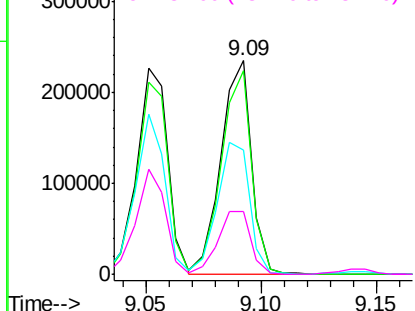
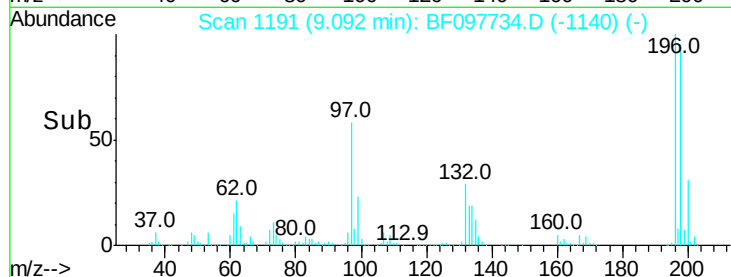
#43
 2,4,5-Trichlorophenol
 Concen: 44.115 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 214899
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 57.9 47.7 71.5
 132 29.1 28.0 42.0

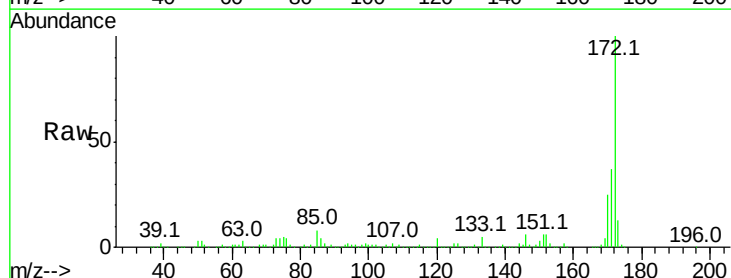


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

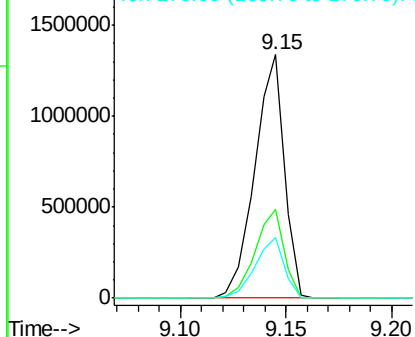
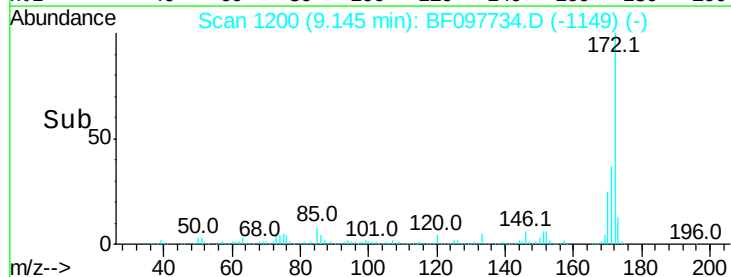


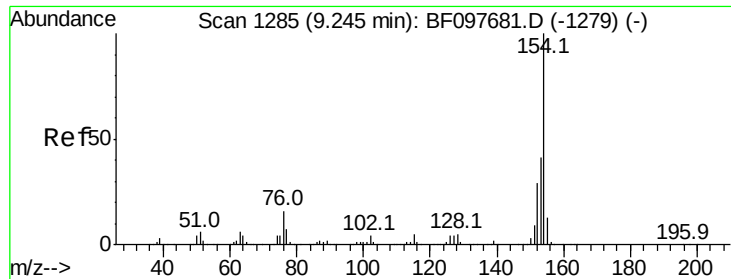
#44
 2-Fluorobiphenyl
 Concen: 80.075 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:172 Resp: 1298853
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.723 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

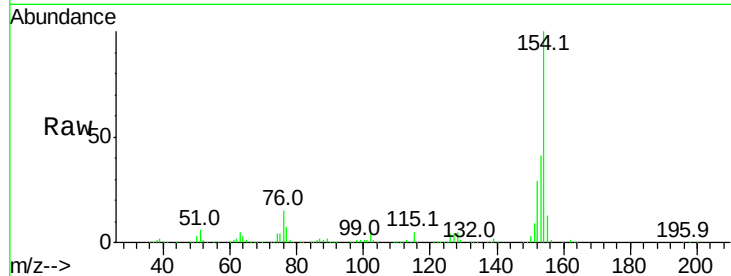
Tot Ion:154 Resp: 884999

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

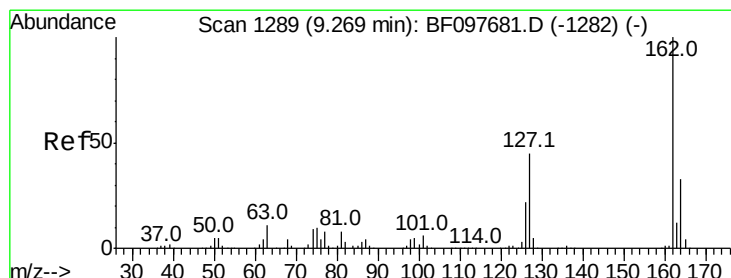
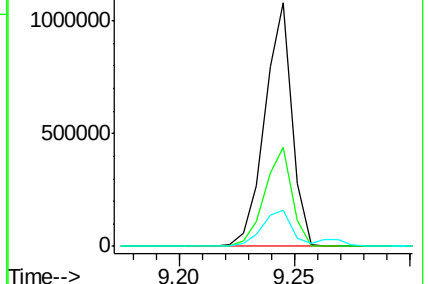
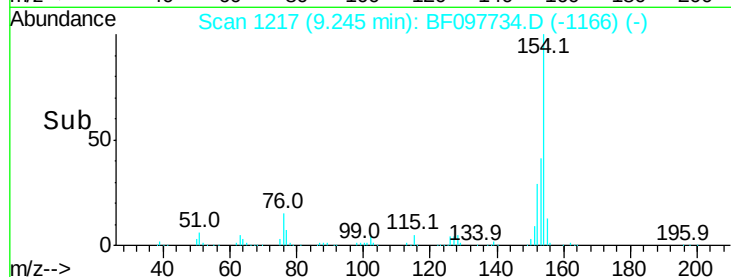
76 15.1 0.0 29.9



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: 40.578 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

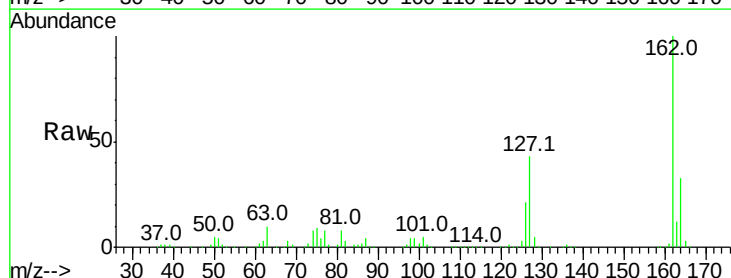
Tgt Ion:162 Resp: 651563

Ion Ratio Lower Upper

162 100

127 43.2 28.3 42.5#

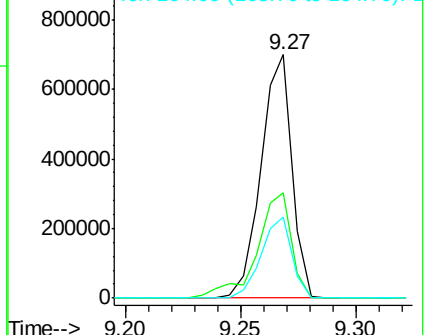
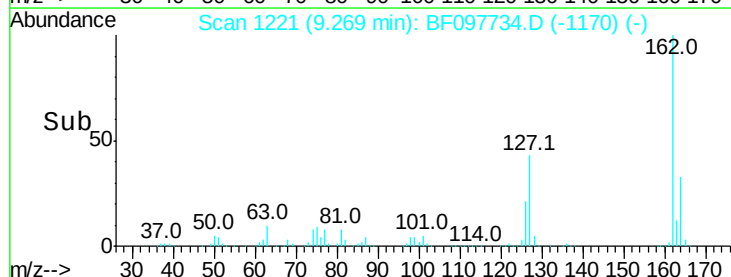
164 33.3 27.0 40.4

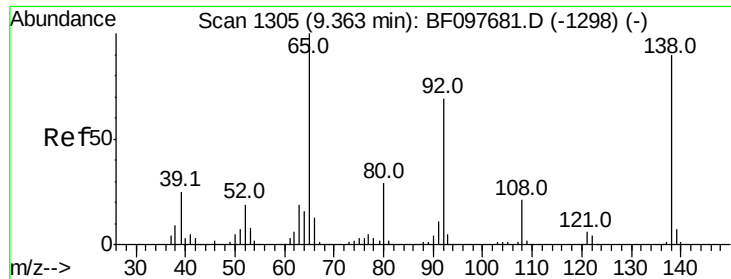


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

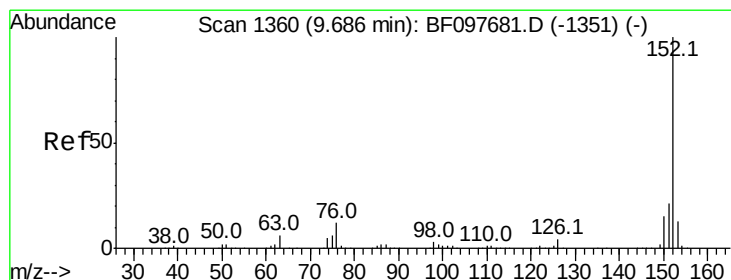
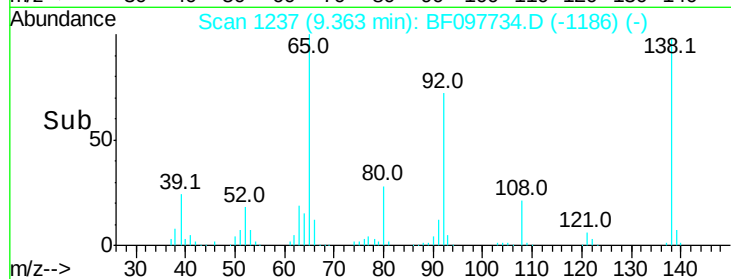
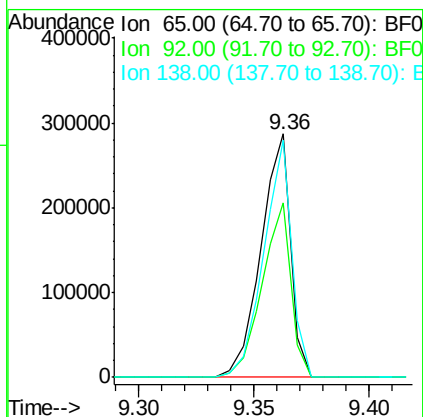
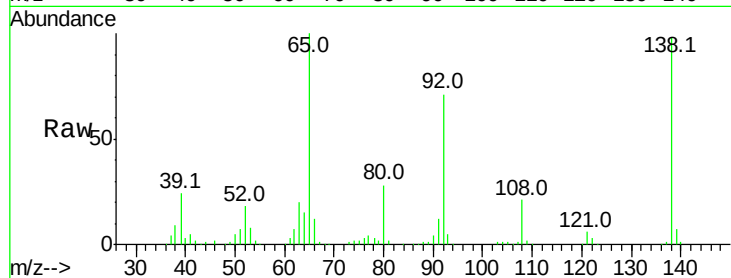




#47
 2-Nitroaniline
 Concen: 47.636 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

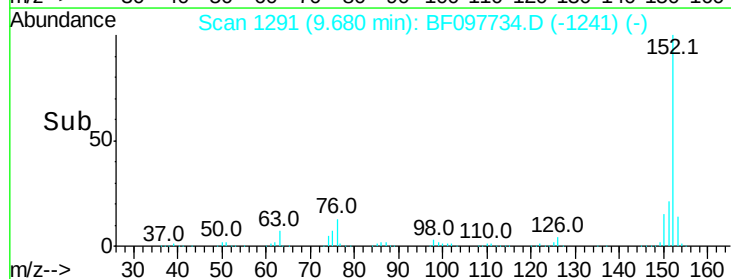
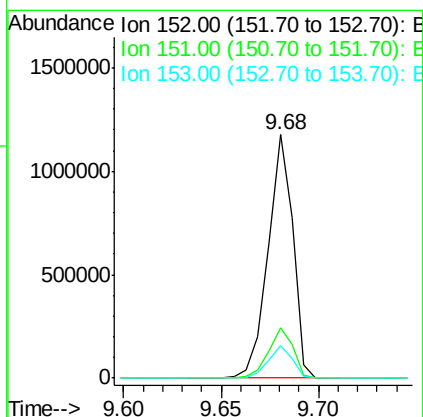
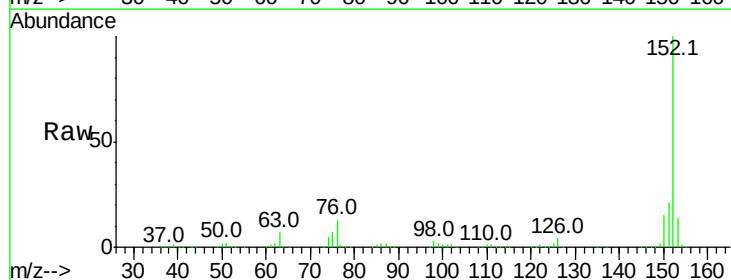
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

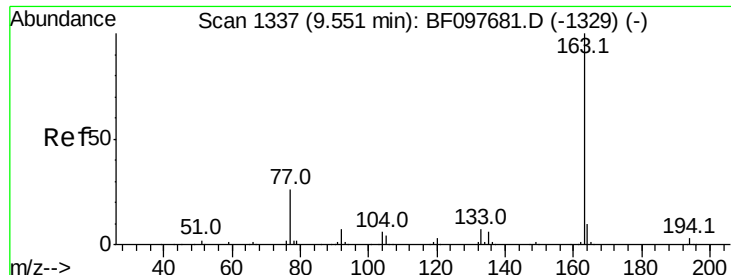
Tot Ion: 65 Resp: 256424
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 97.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.890 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion: 152 Resp: 1031074
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.5 10.8 16.2

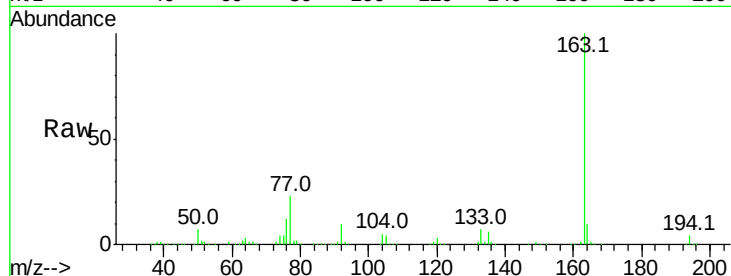




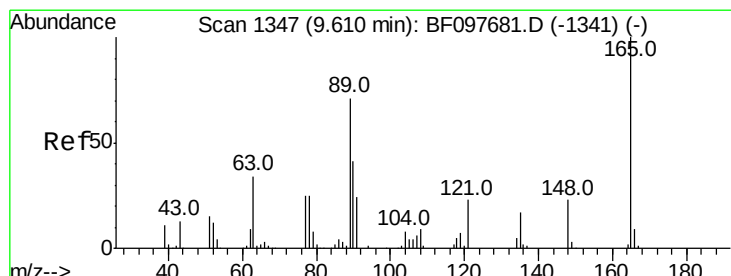
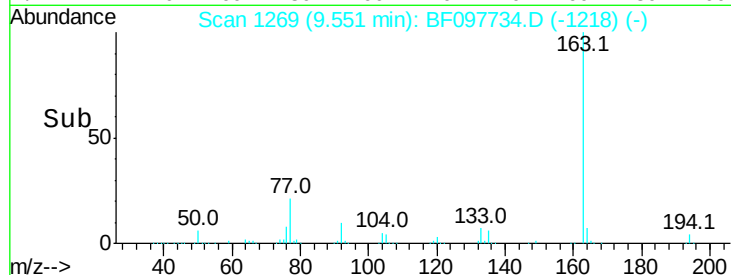
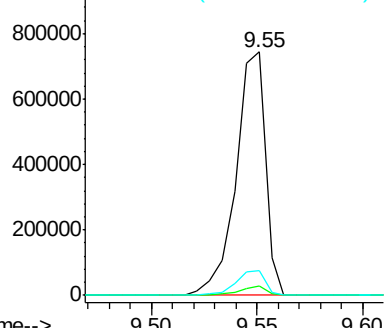
#49
Dimethylphthalate
Concen: 41.670 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.9	8.4	12.6

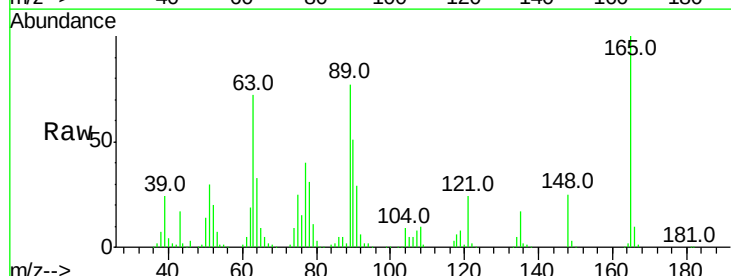


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

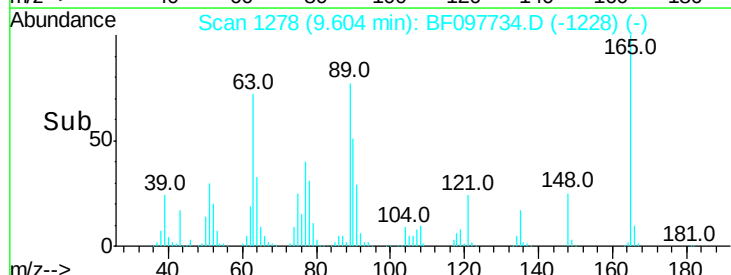
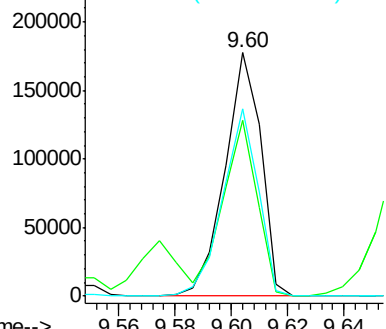


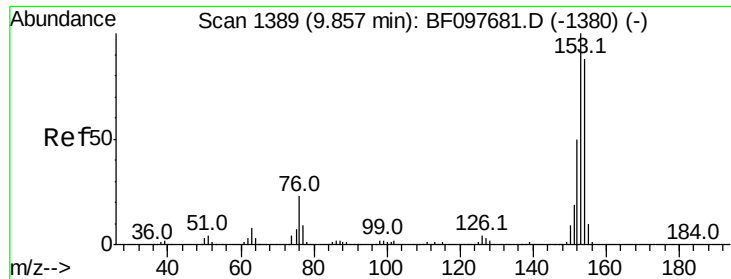
#50
2,6-Dinitrotoluene
Concen: 45.282 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.2	34.3	51.5#
89	77.2	37.1	55.7#



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





#51

Acenaphthene

Concen: 41.507 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

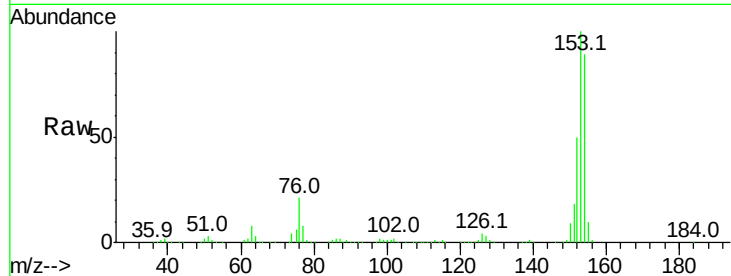
Tot Ion:154 Resp: 660086

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

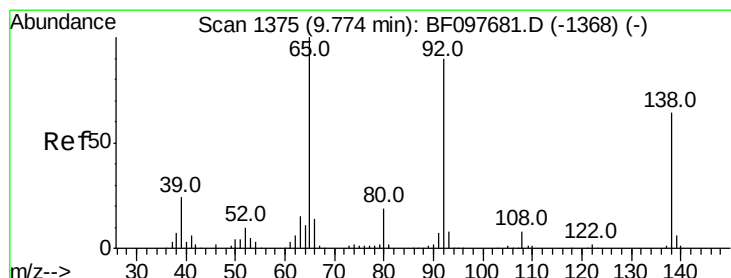
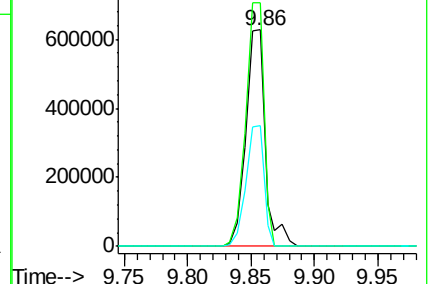
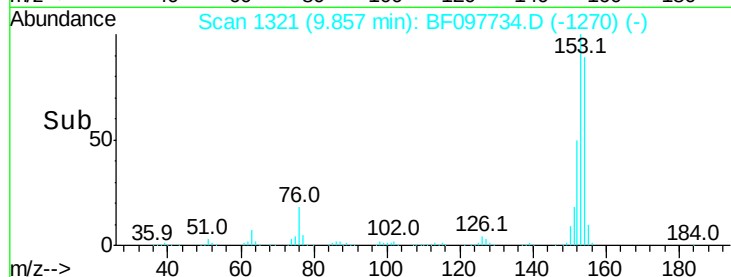
152 55.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.206 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

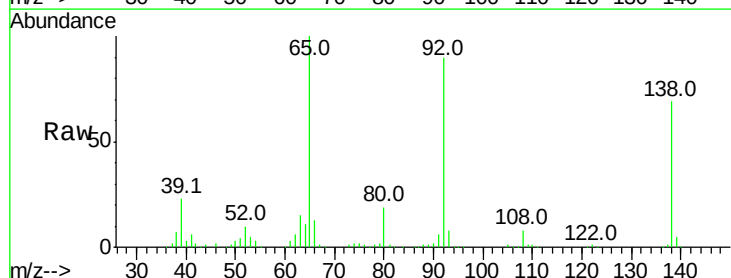
Tgt Ion:138 Resp: 202807

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

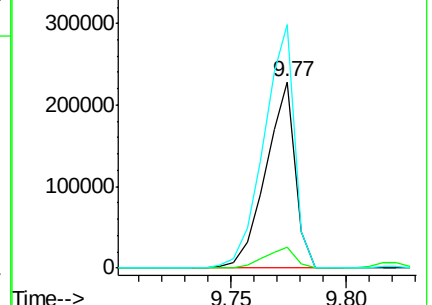
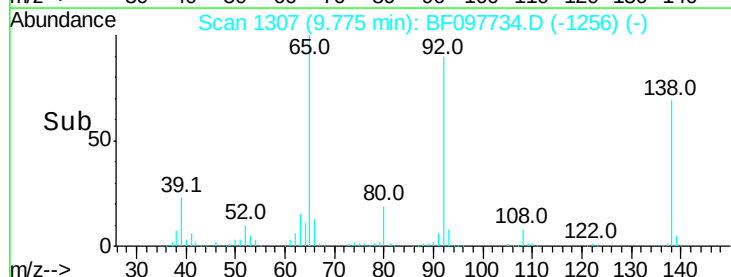
92 130.5 93.8 140.6

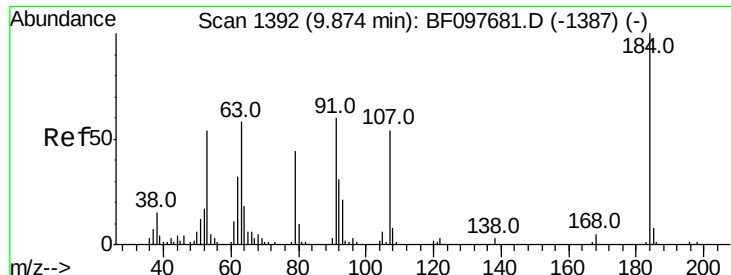


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

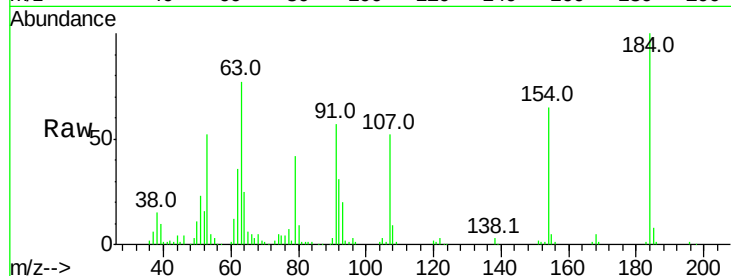




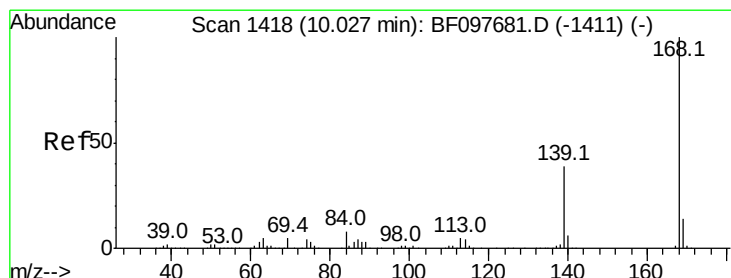
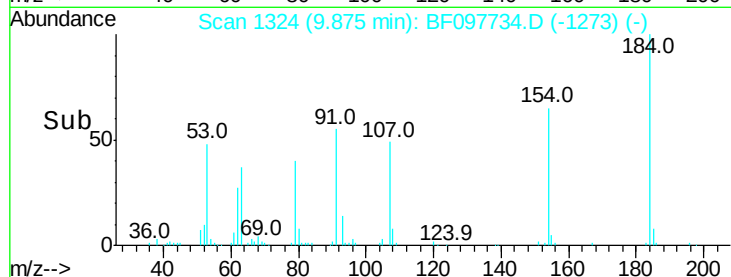
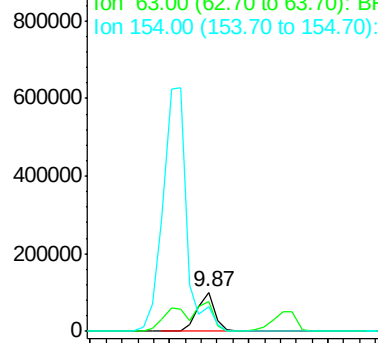
#53
 2,4-Dinitrophenol
 Concen: 50.944 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 77286
 Ion Ratio Lower Upper
 184 100
 63 77.2 62.7 94.1
 154 64.8 81.1 121.7#

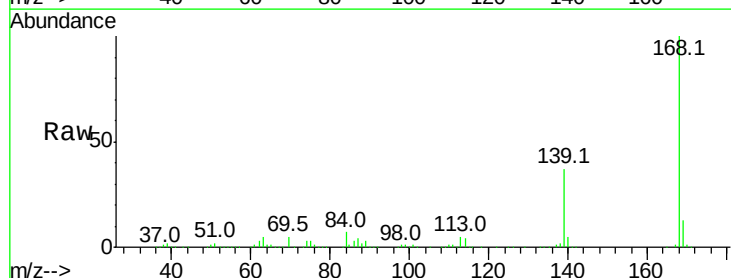


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

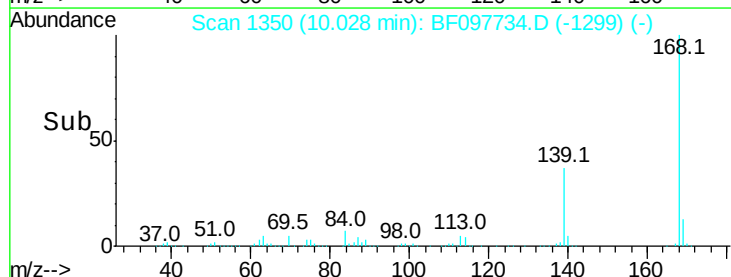
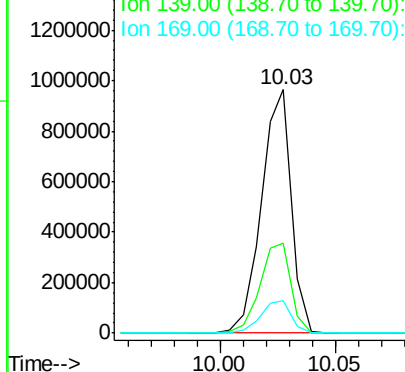


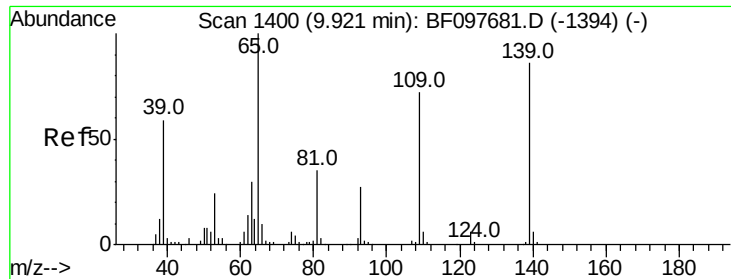
#54
 Dibenzofuran
 Concen: 40.554 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:168 Resp: 864358
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

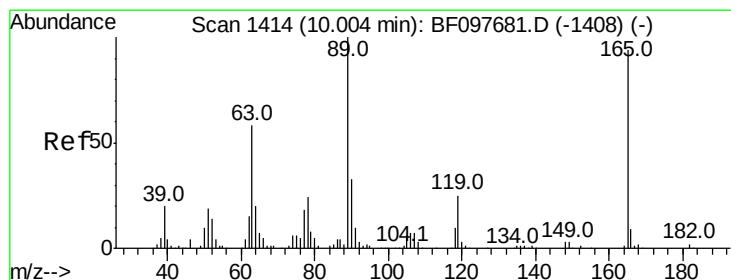
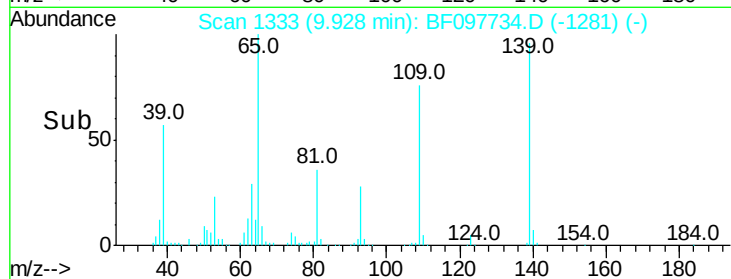
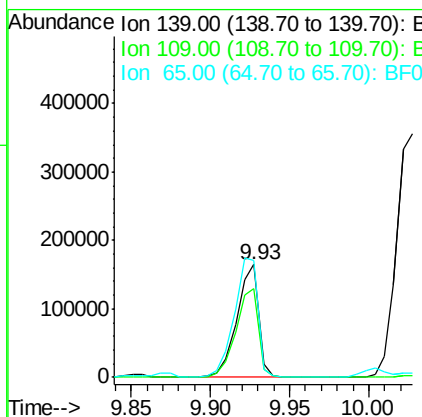
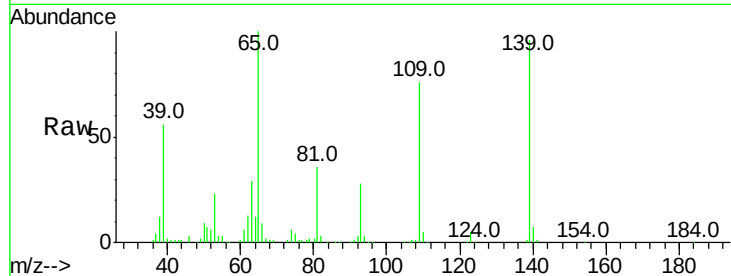




#55
4-Nitrophenol
Concen: 44.033 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

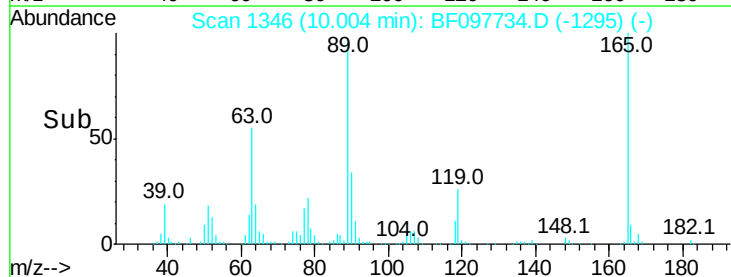
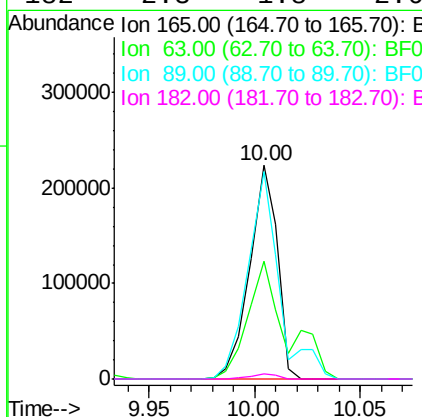
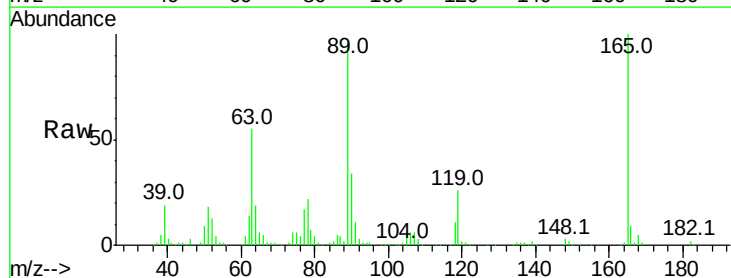
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

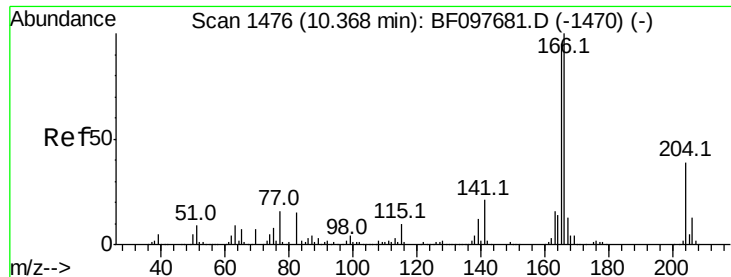
Tot Ion:139 Resp: 157584
Ion Ratio Lower Upper
139 100
109 79.3 34.1 74.1#
65 104.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.864 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:165 Resp: 204504
Ion Ratio Lower Upper
165 100
63 55.4 25.4 38.0#
89 96.9 46.4 69.6#
182 2.3 1.8 2.6

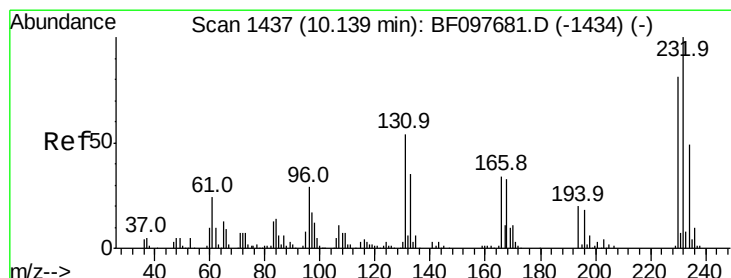
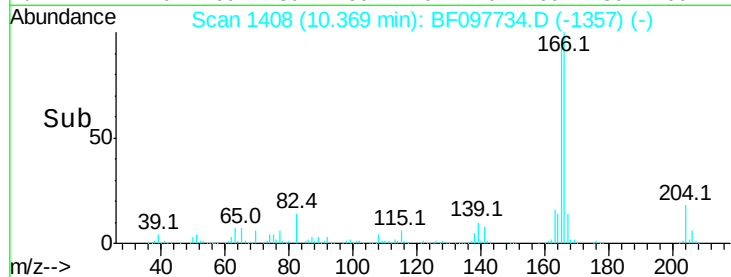
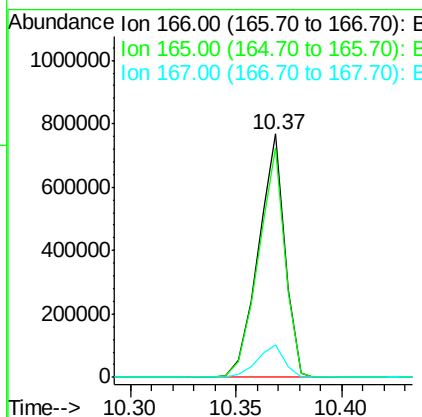
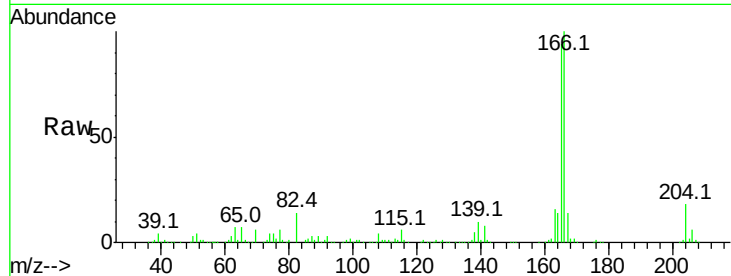




#57
 Fluorene
 Concen: 40.627 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

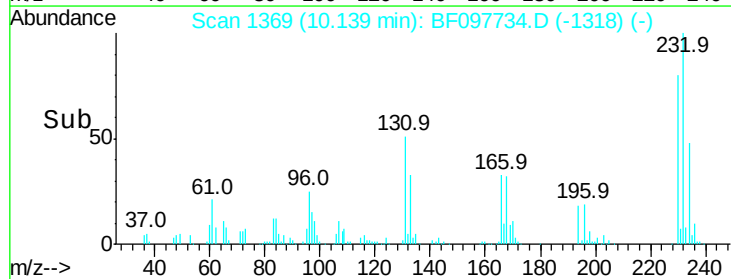
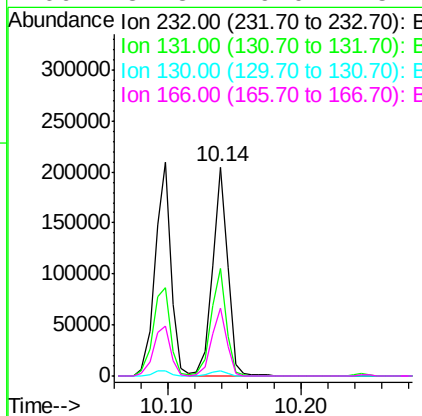
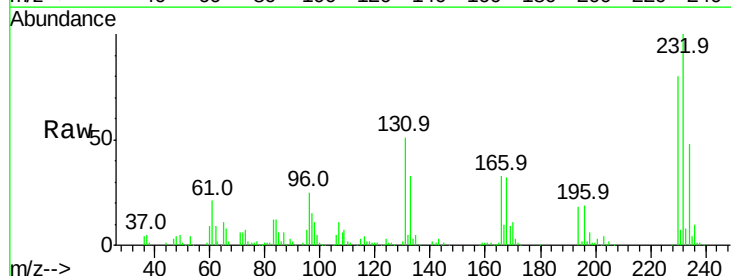
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

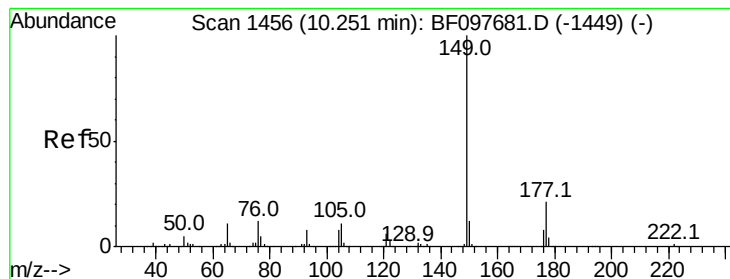
Tot Ion:166 Resp: 669475
 Ion Ratio Lower Upper
 166 100
 165 94.2 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.895 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:232 Resp: 165551
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.5 2.3 3.5
 166 32.3 29.0 43.4





#59

Diethylphthalate

Concen: 41.243 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

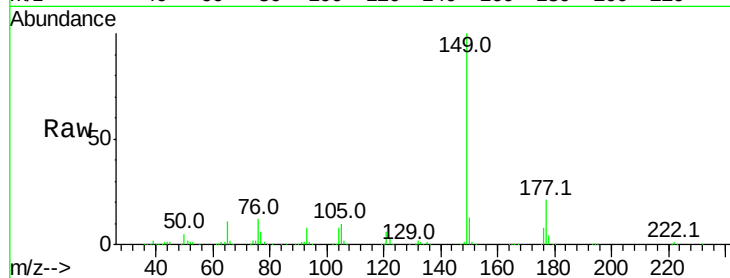
Tot Ion:149 Resp: 751311

Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

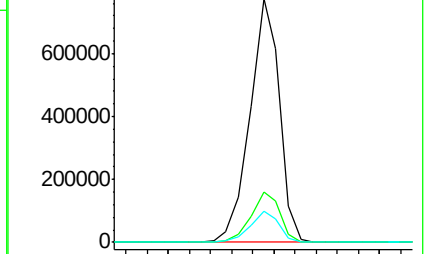
150 12.8 10.2 15.2



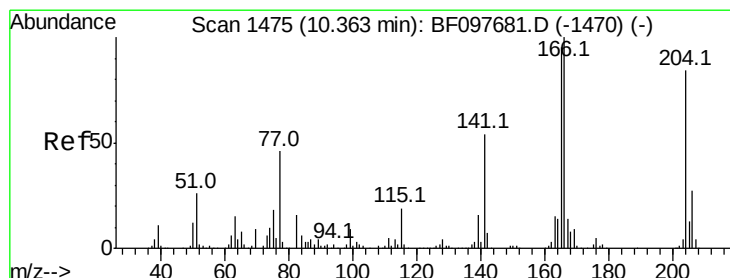
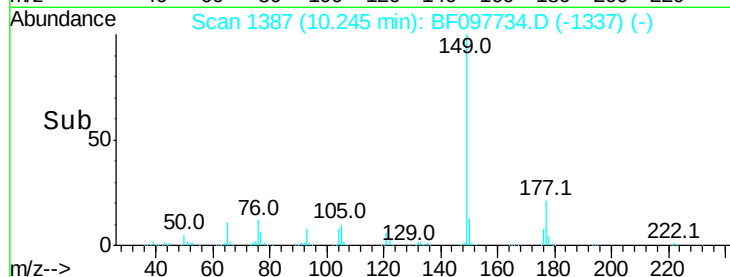
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 41.681 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

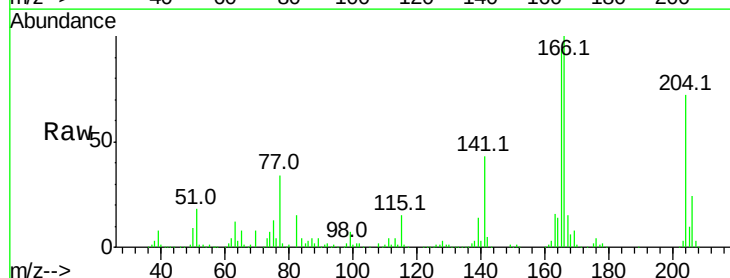
Tgt Ion:204 Resp: 319084

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

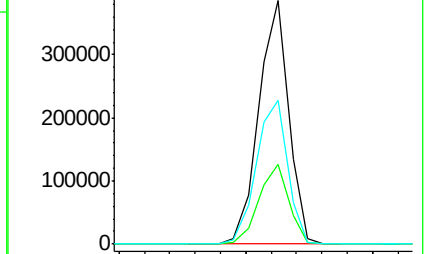
141 58.8 60.8 91.2#



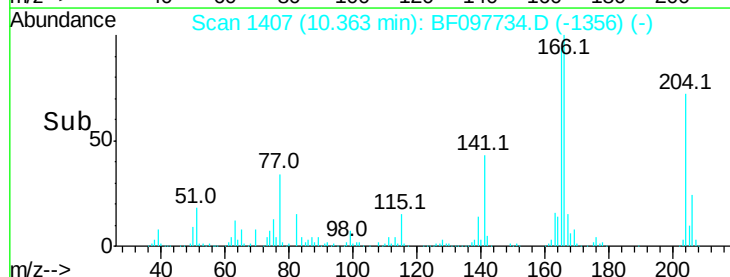
Abundance Ion 204.00 (203.70 to 204.70): E

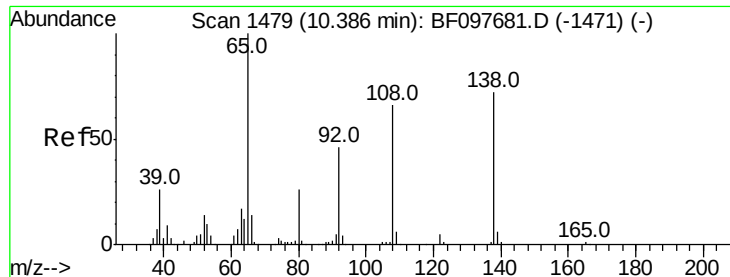
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 45.347 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

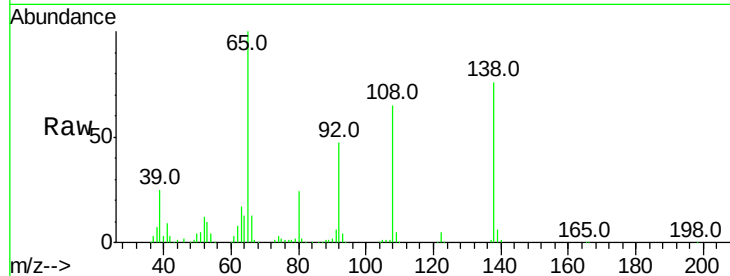
Tot Ion:138 Resp: 193354

Ion Ratio Lower Upper

138 100

92 61.6 21.8 61.8

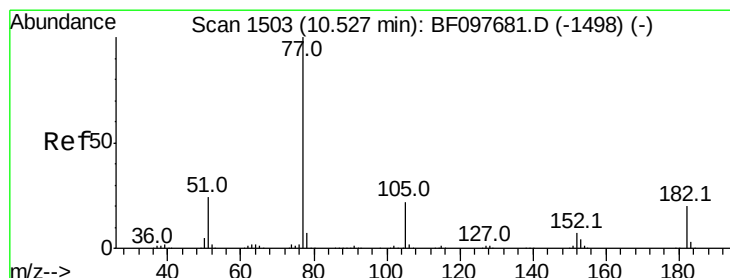
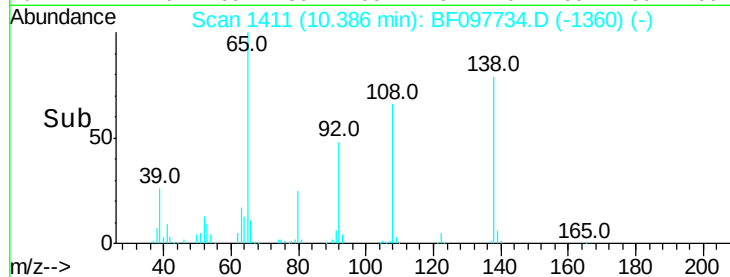
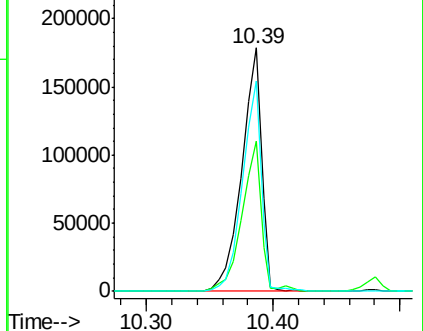
108 86.5 42.3 82.3#



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: 40.270 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Tgt Ion: 77 Resp: 871397

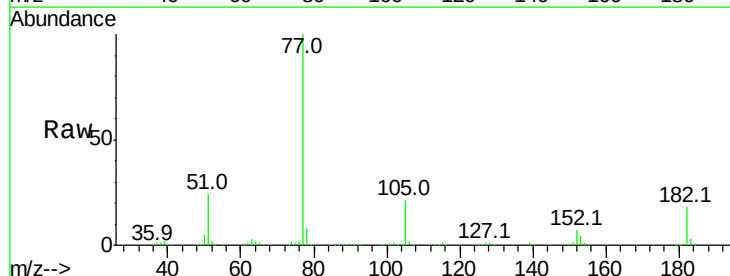
Ion Ratio Lower Upper

77 100

182 18.4 0.1 40.1

105 21.2 3.6 43.6

51 24.1 9.4 49.4

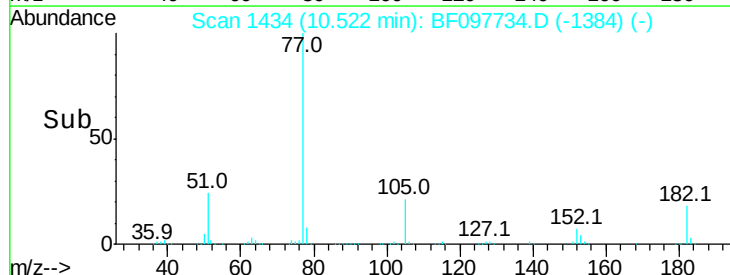
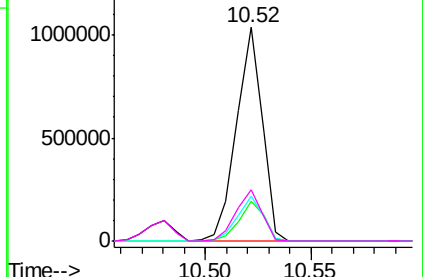


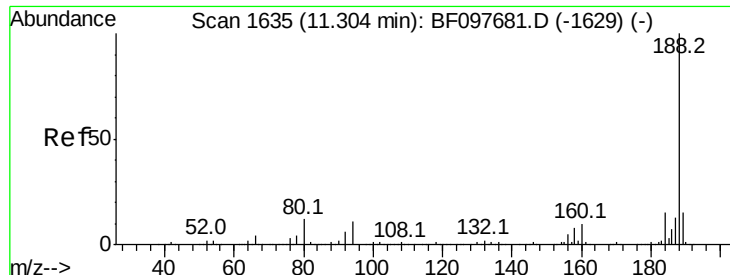
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

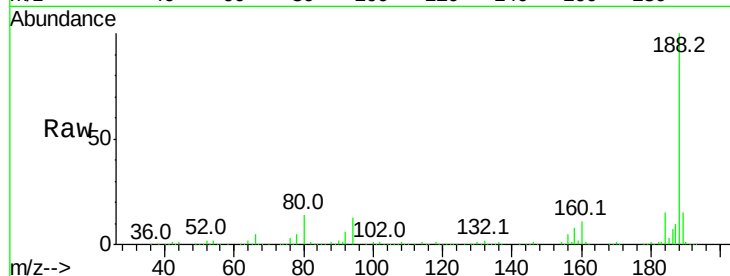




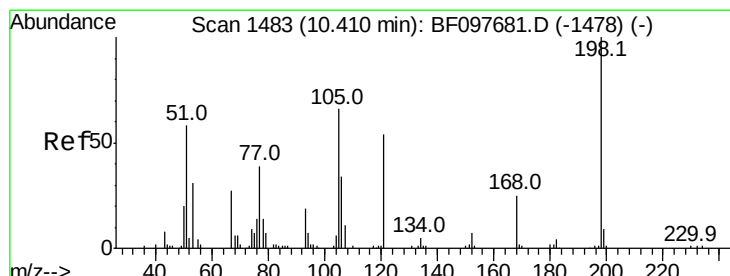
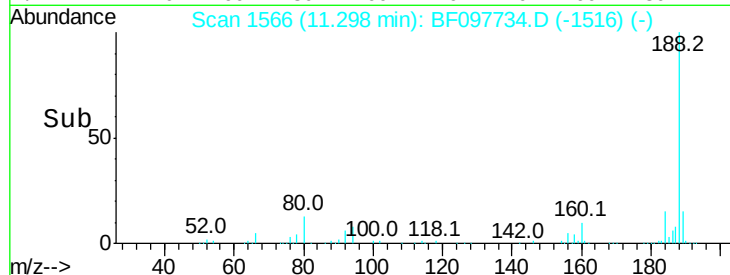
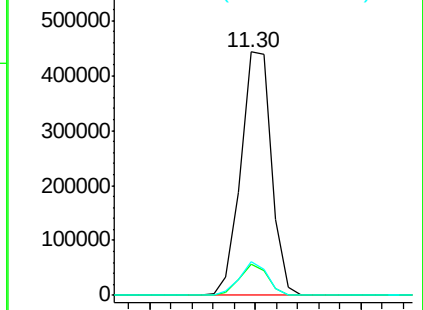
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 444808
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.7 10.2 15.2

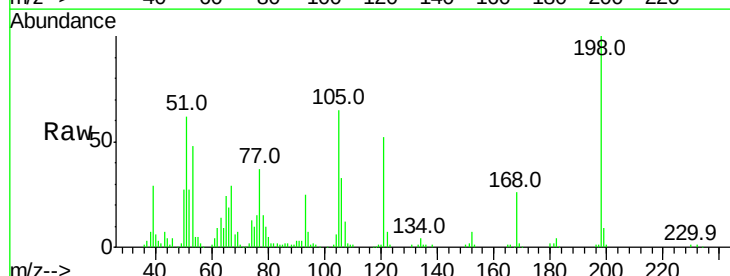


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

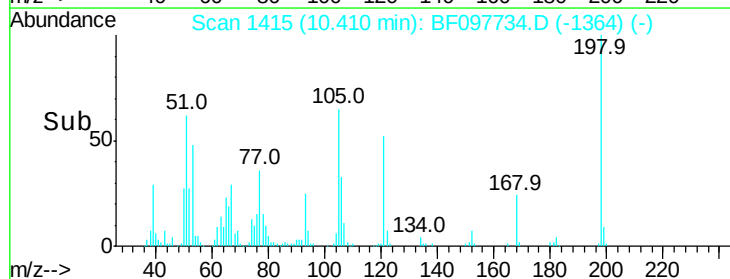
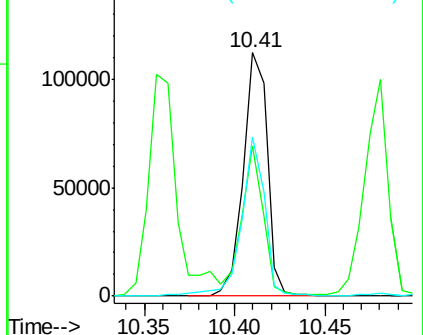


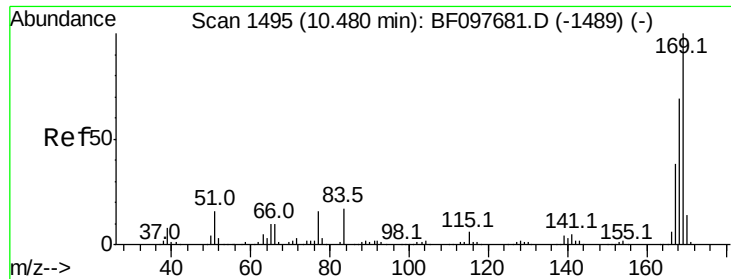
#64
4,6-Dinitro-2-methylphenol
Concen: 49.109 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion:198 Resp: 103423
Ion Ratio Lower Upper
198 100
51 61.9 53.2 93.2
105 65.1 45.8 85.8



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

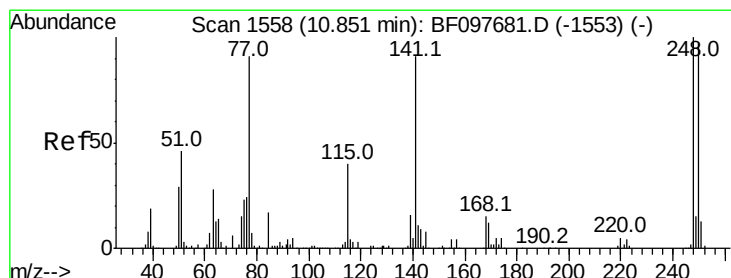
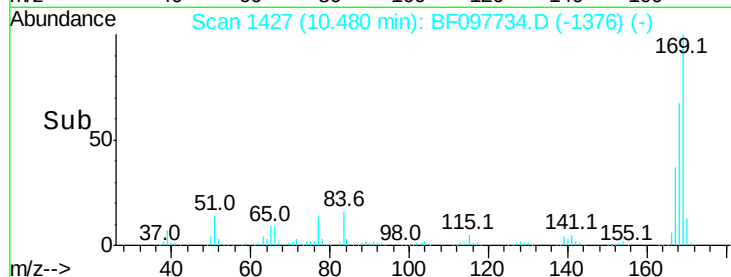
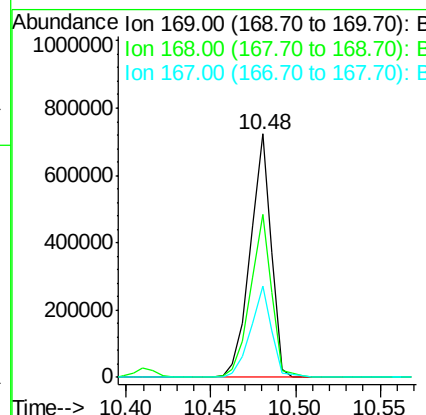
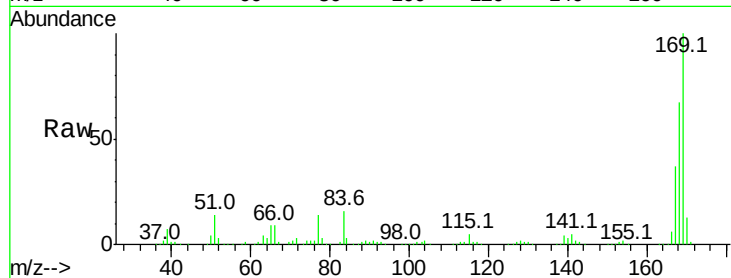




#65
 n-Nitrosodiphenylamine
 Concen: 41.496 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

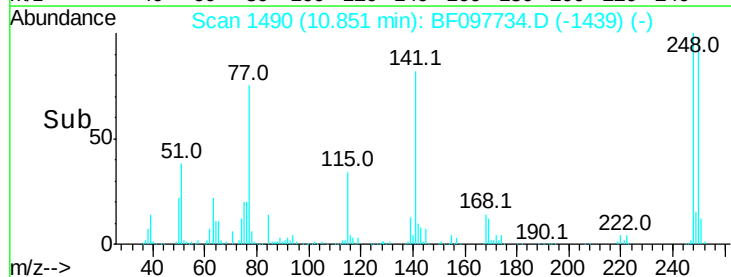
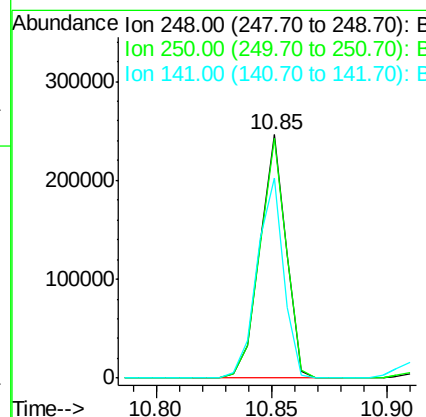
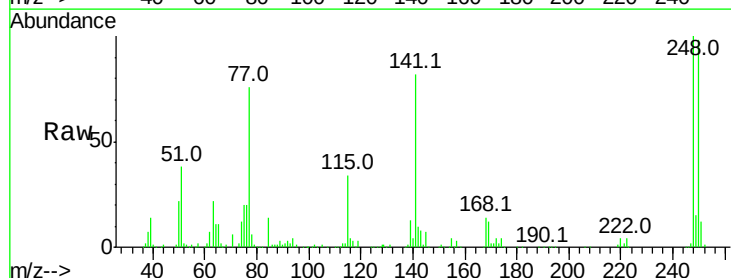
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

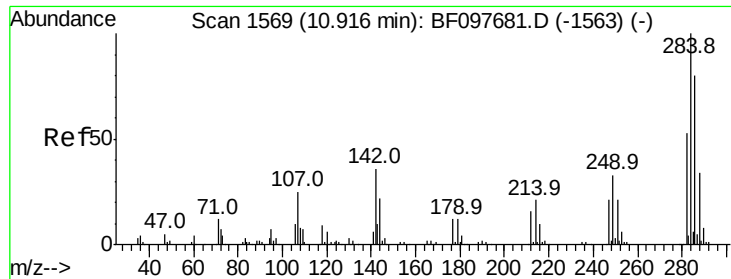
Tot Ion:169 Resp: 628542
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.299 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:248 Resp: 195380
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 82.2 68.6 103.0

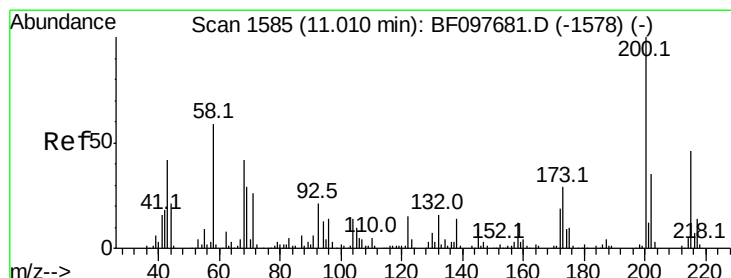
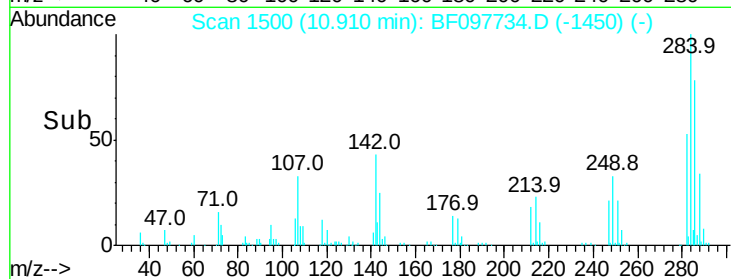
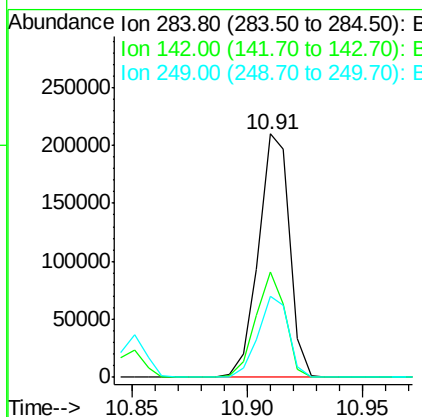
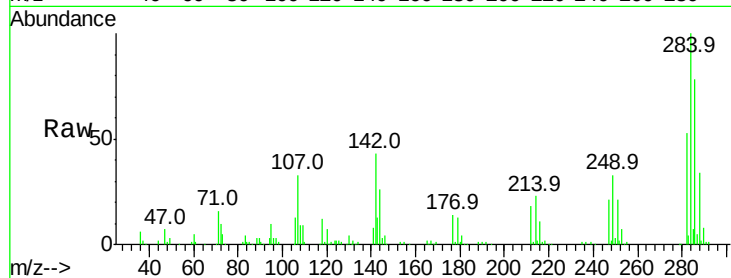




#67
Hexachlorobenzene
Concen: 41.741 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

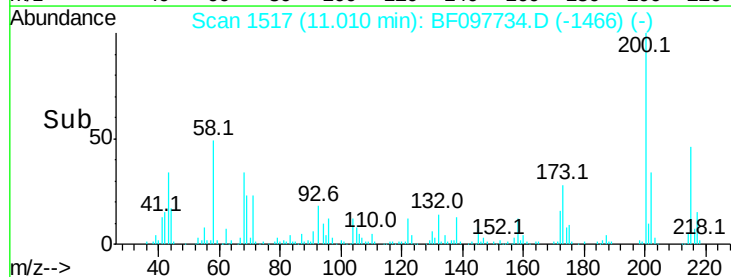
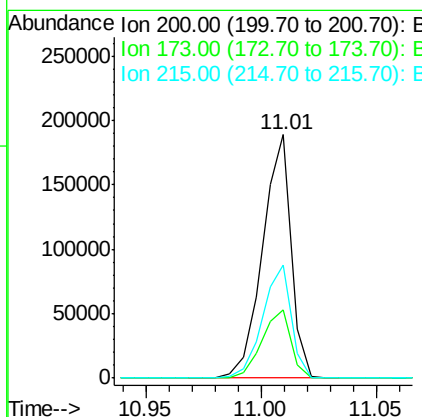
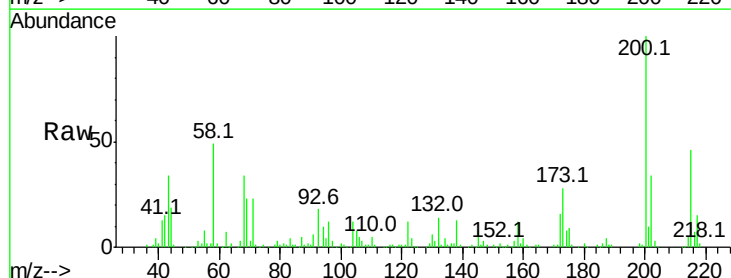
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

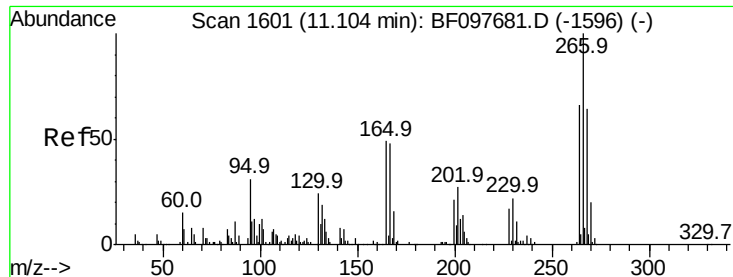
Tot Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.8	34.2
249	33.1	24.0	36.0



#68
Atrazine
Concen: 40.541 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.3	46.3
215	46.4	27.2	67.2

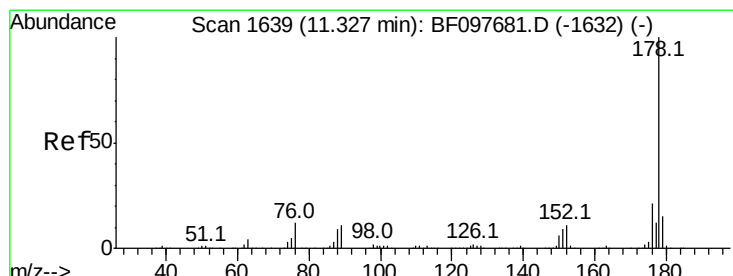
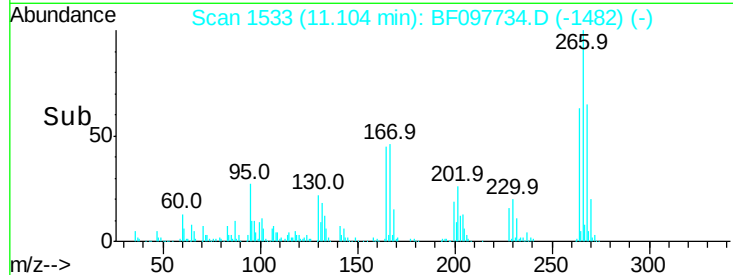
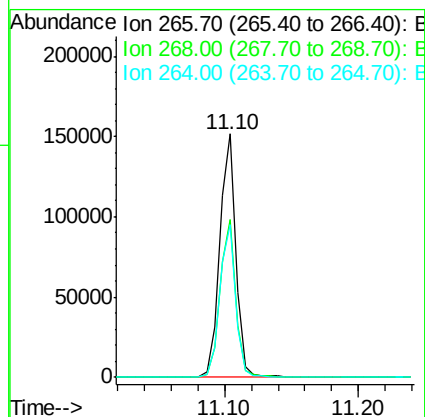
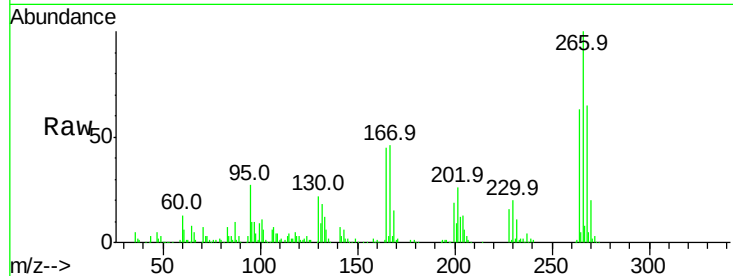




#69
 Pentachlorophenol
 Concen: 47.243 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

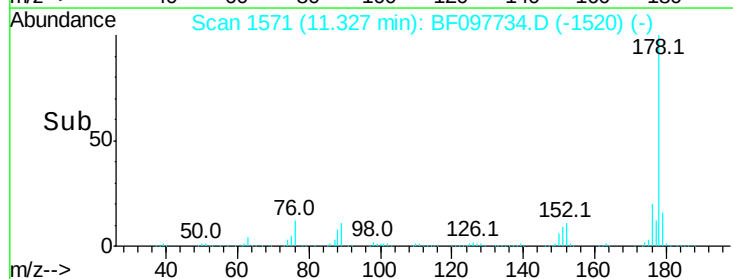
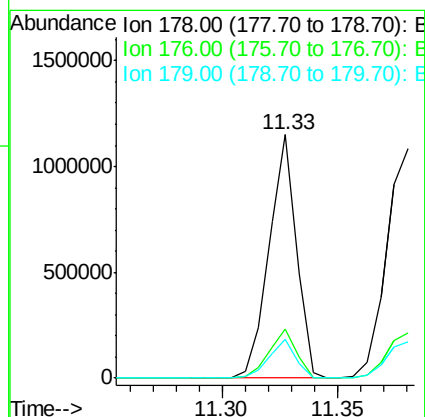
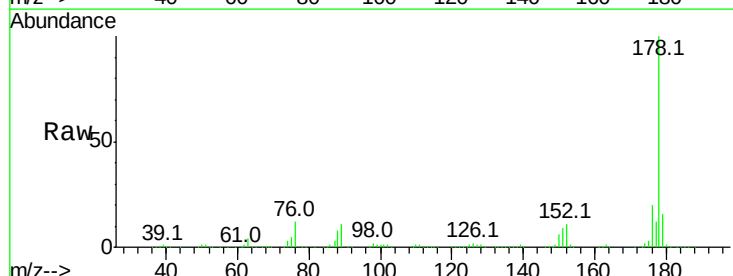
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

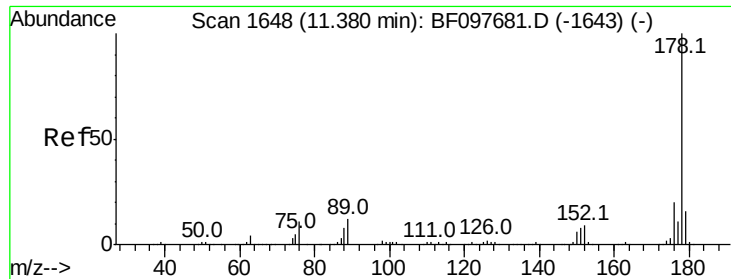
Tot Ion:	266	Resp:	129685
Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	62.7	51.7	77.5



#70
 Phenanthrene
 Concen: 40.023 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion:	178	Resp:	948654
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.6	19.0





#71

Anthracene

Concen: 40.867 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

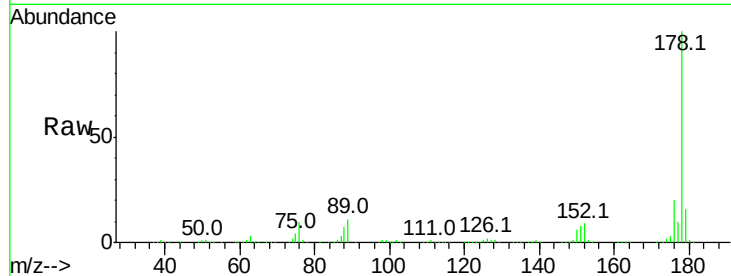
Tot Ion:178 Resp: 982470

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

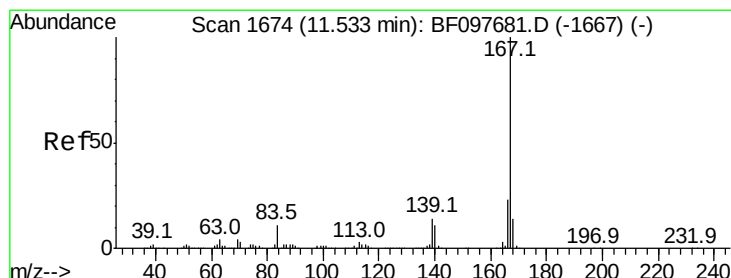
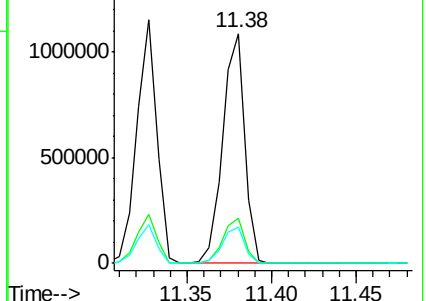
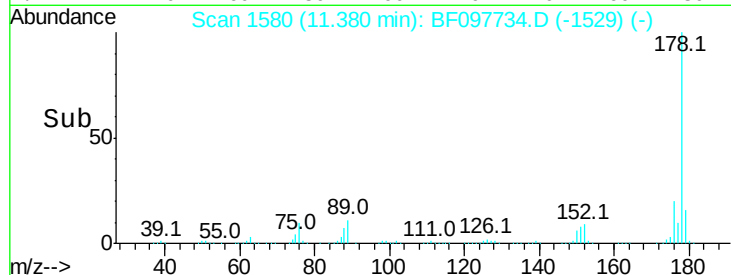
179 15.6 12.7 19.1



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: 40.424 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

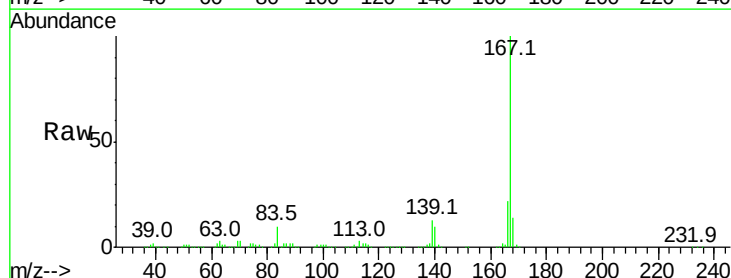
Tgt Ion:167 Resp: 922465

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

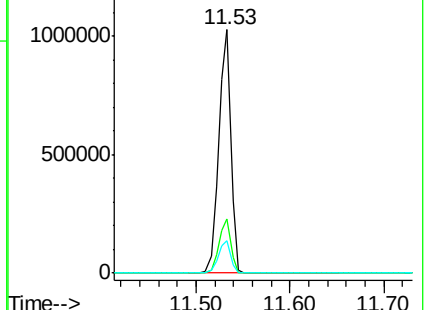
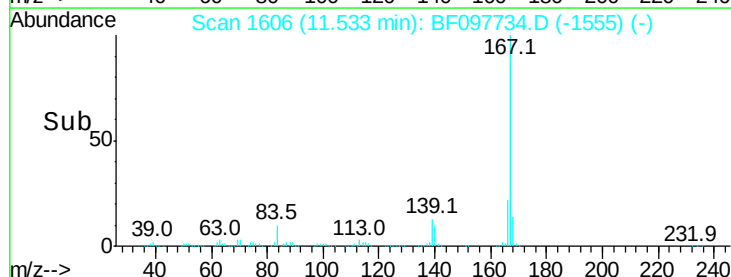
139 13.5 11.7 17.5

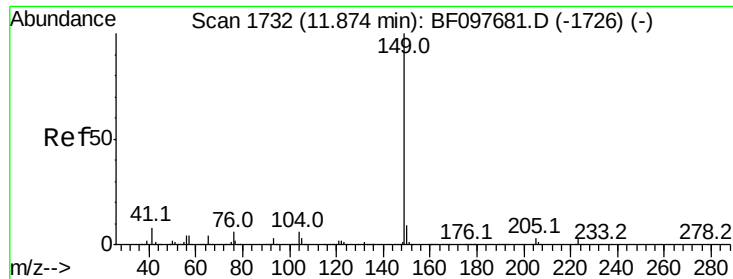


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.323 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

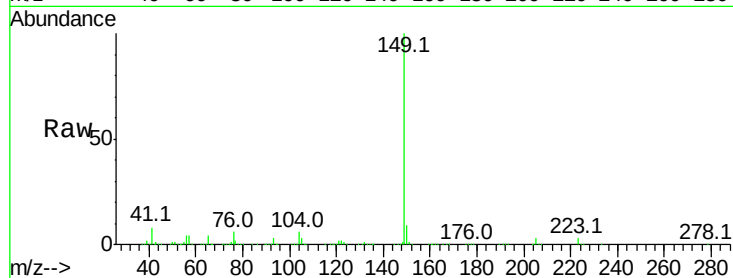
Tot Ion:149 Resp: 1138746

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

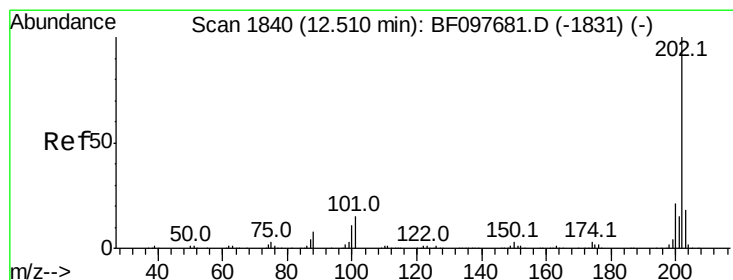
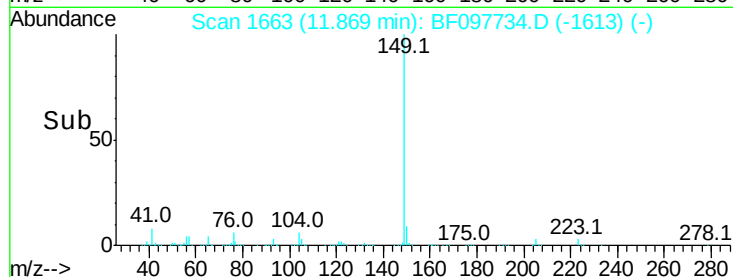
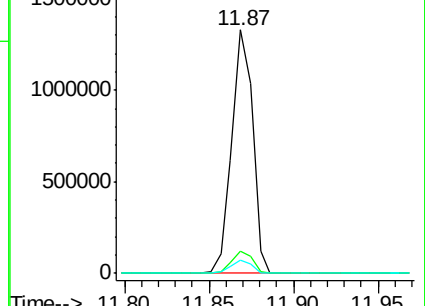
104 5.6 4.0 6.0



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: 40.097 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

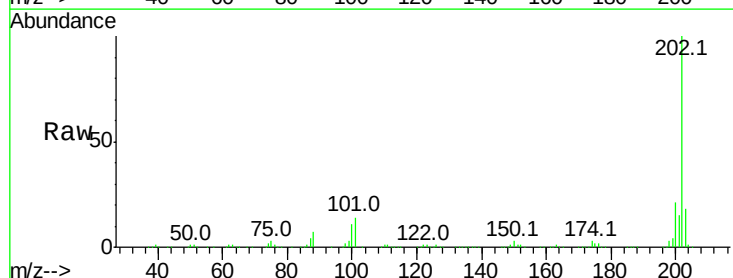
Tgt Ion:202 Resp: 991985

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

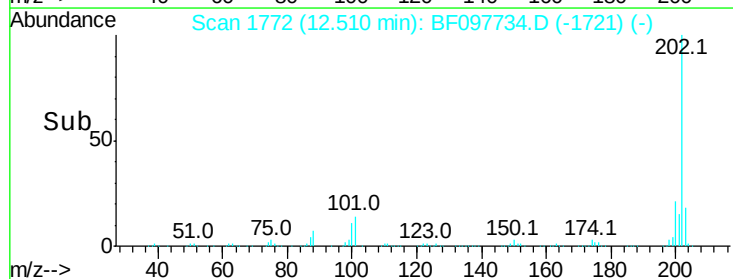
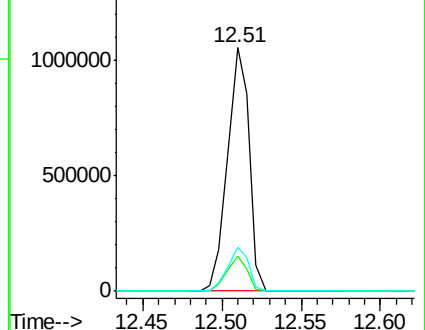
203 18.0 0.0 38.1

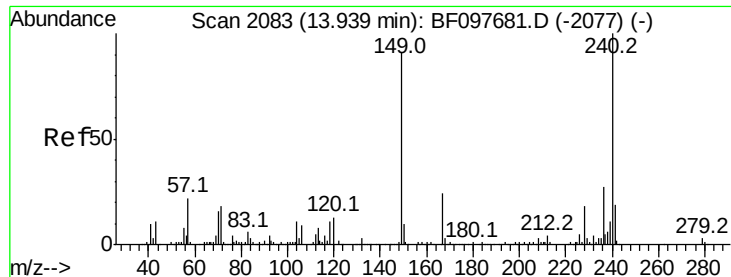


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

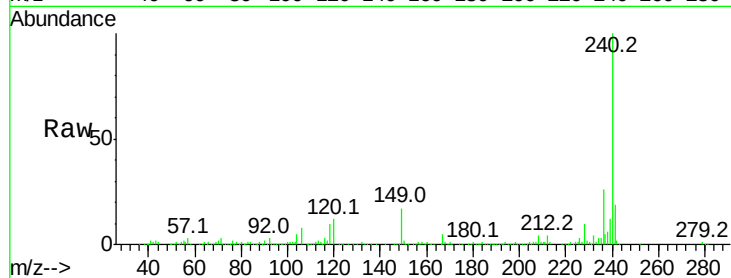
Tot Ion:240 Resp: 299354

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

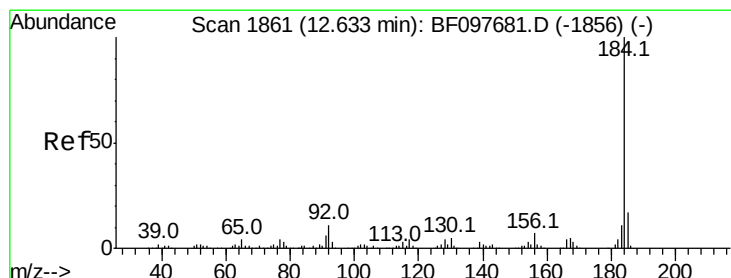
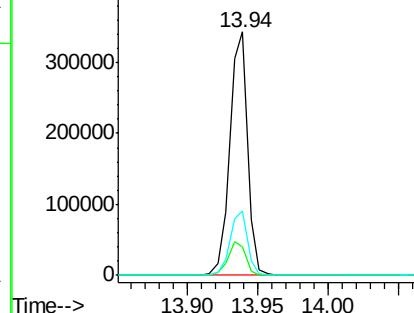
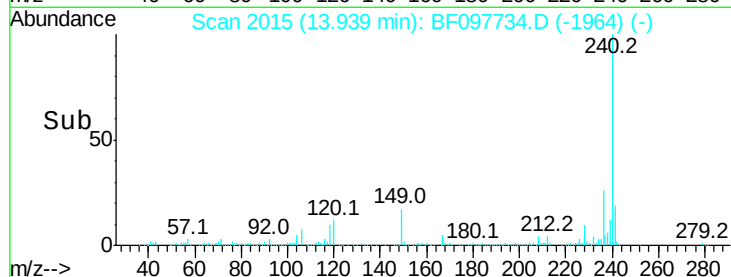
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.073 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

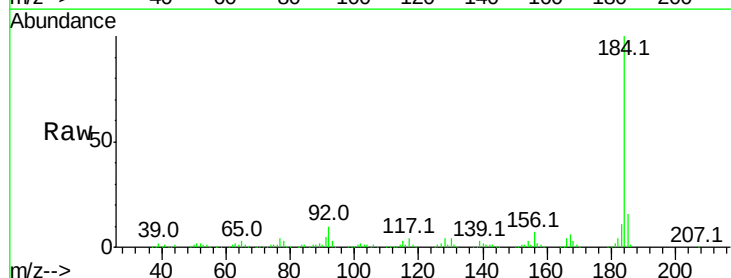
Tgt Ion:184 Resp: 373690

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

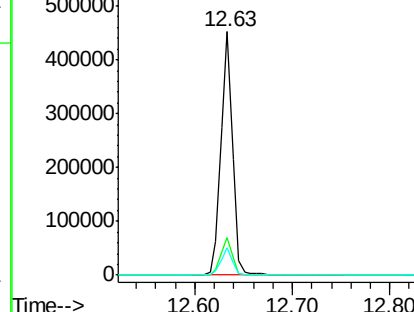
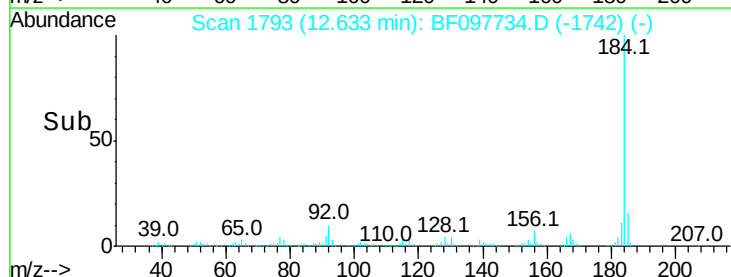
183 11.3 9.8 14.6

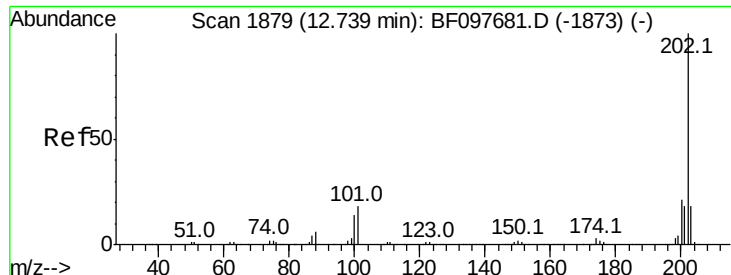


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.474 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

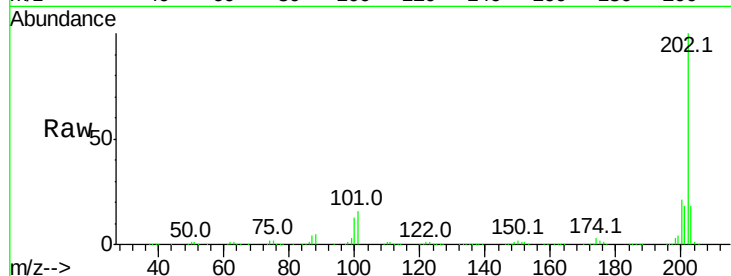
Tot Ion:202 Resp: 1015439

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

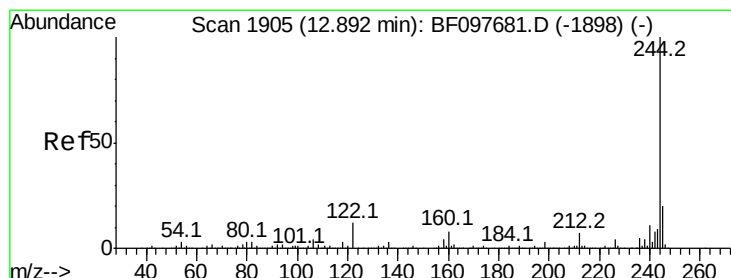
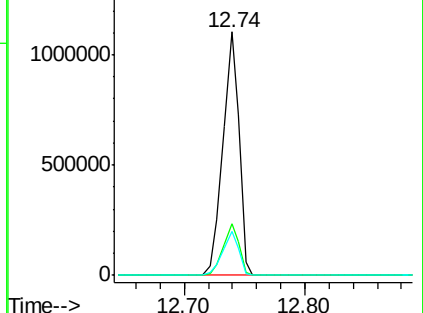
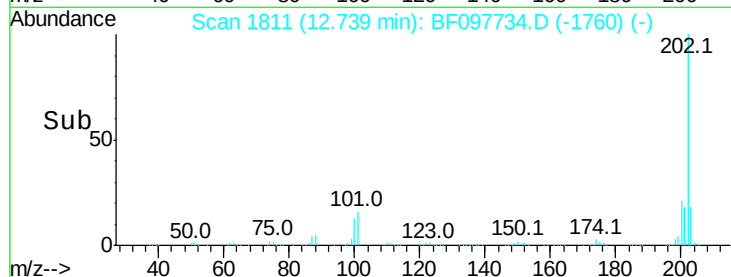
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.820 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

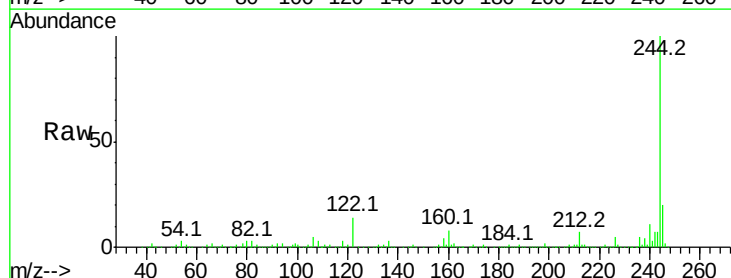
Tgt Ion:244 Resp: 1203249

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

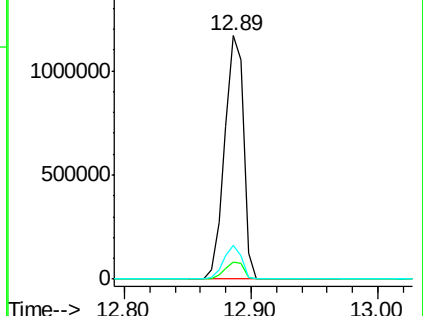
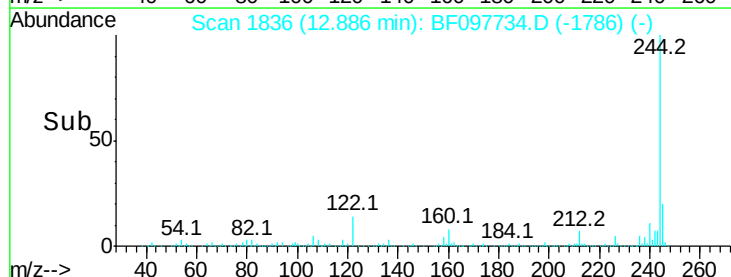
122 13.6 10.3 15.5

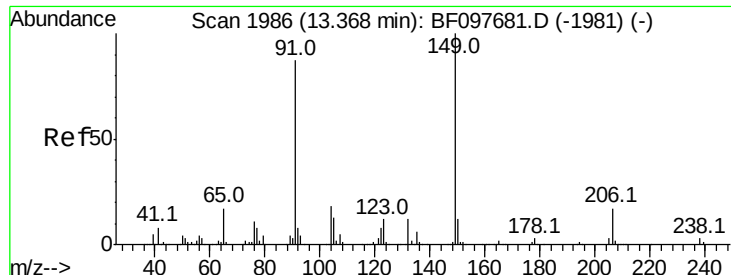


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

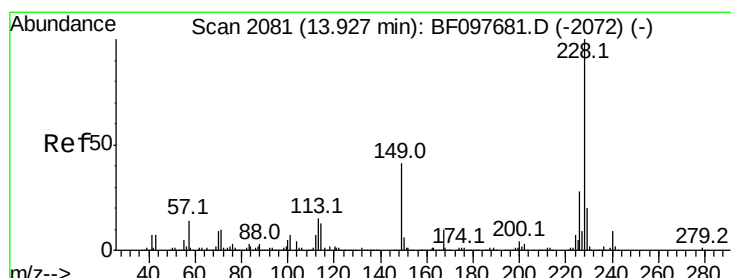
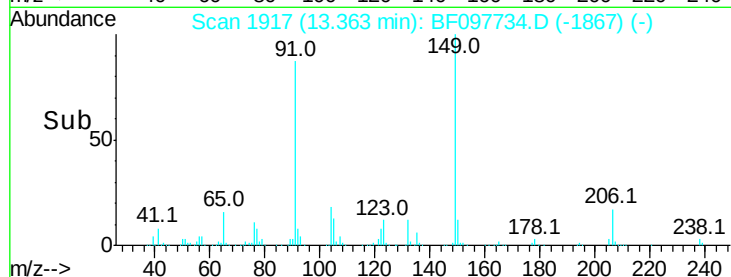
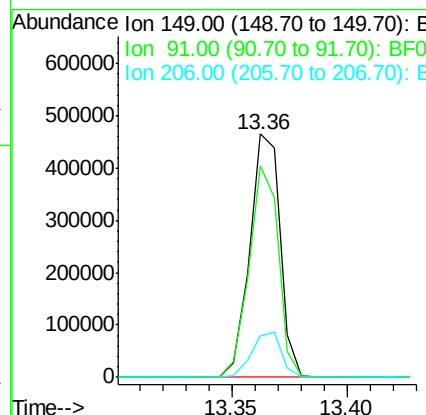
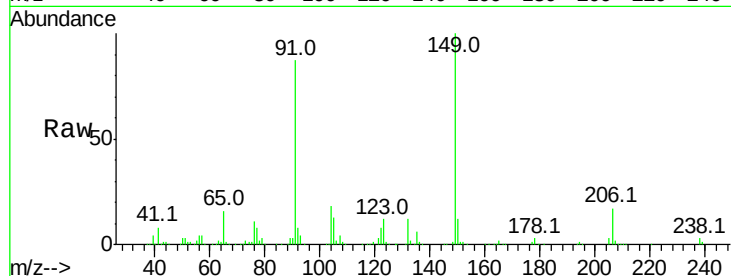




#79
Butylbenzylphthalate
Concen: 45.724 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

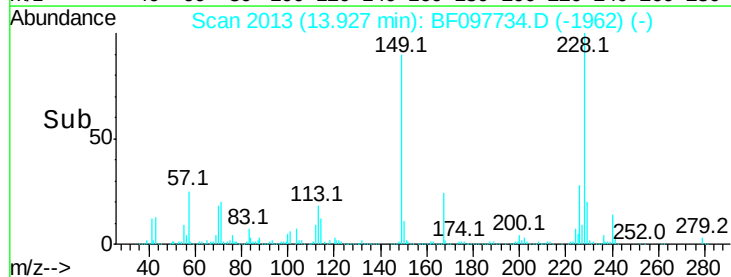
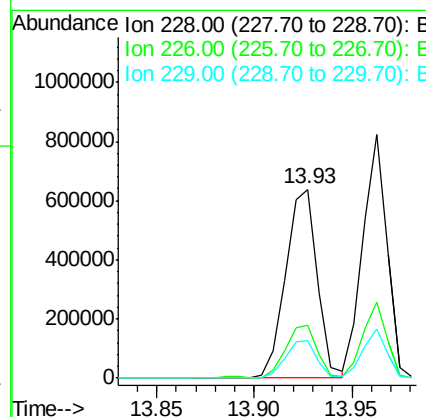
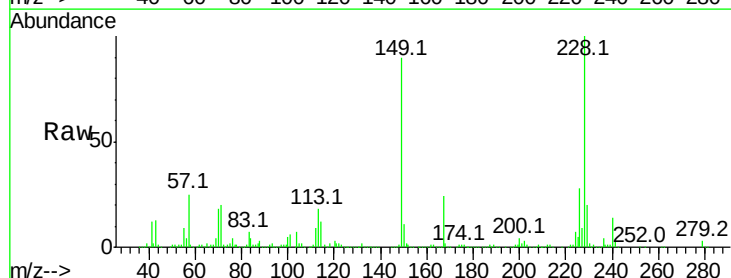
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

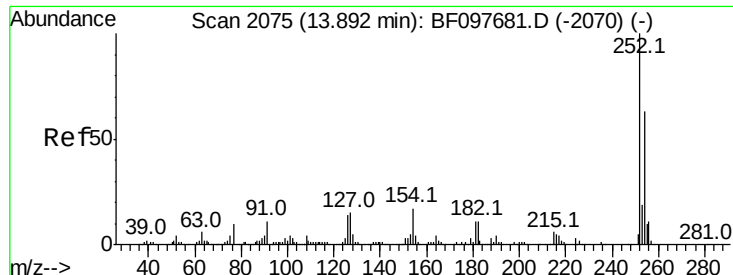
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.9	45.0	67.4#
206	16.9	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 39.805 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 44.982 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

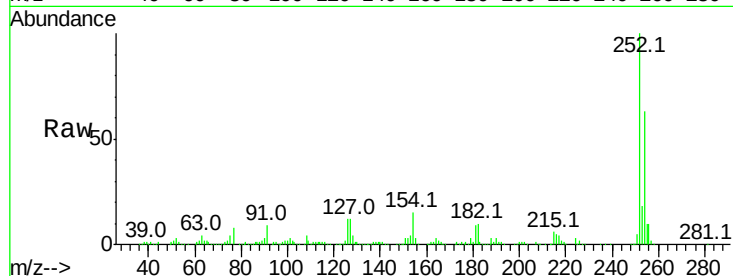
Tot Ion:252 Resp: 272333

Ion Ratio Lower Upper

252 100

254 62.7 51.5 77.3

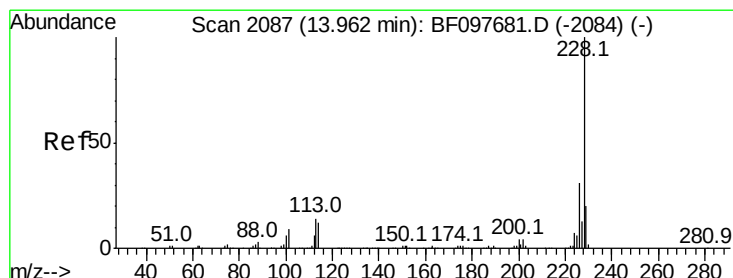
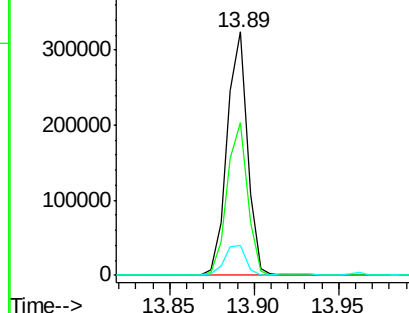
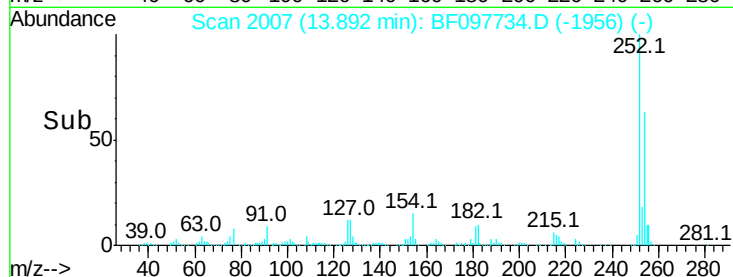
126 12.3 15.8 23.8#



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: 39.759 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

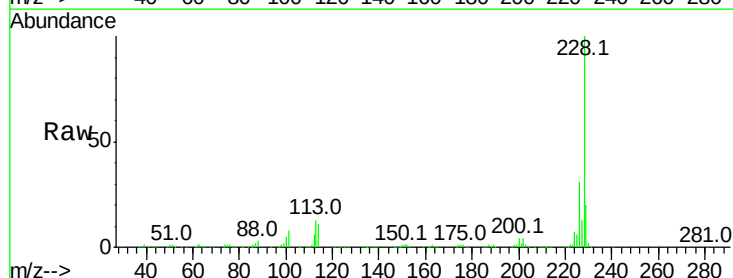
Tgt Ion:228 Resp: 709610

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

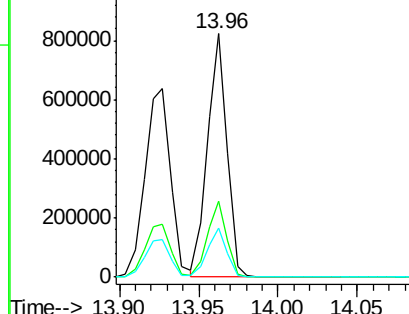
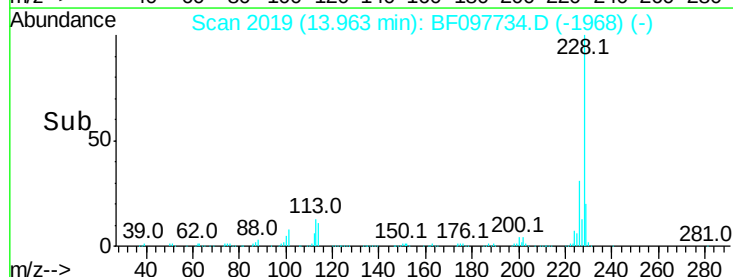
229 20.1 15.8 23.6

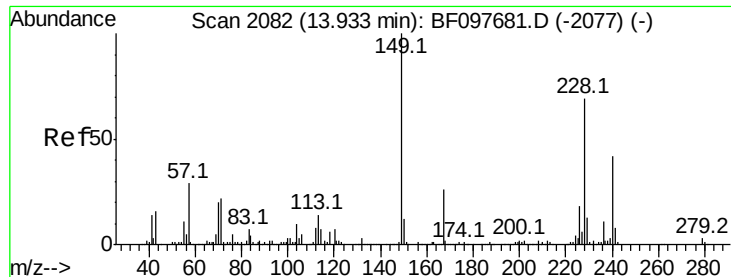


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.009 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

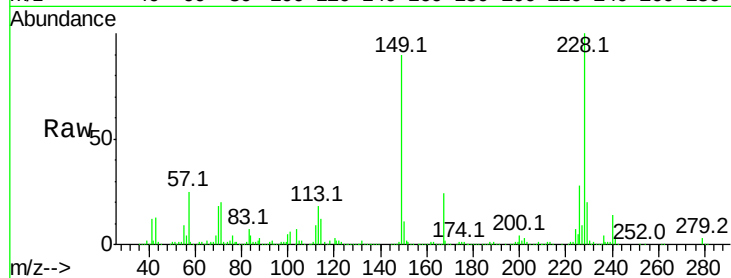
Tot Ion:149 Resp: 509791

Ion Ratio Lower Upper

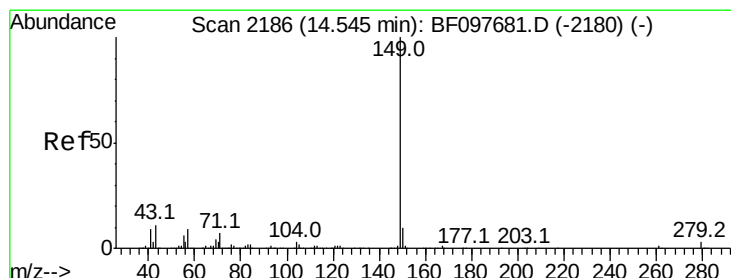
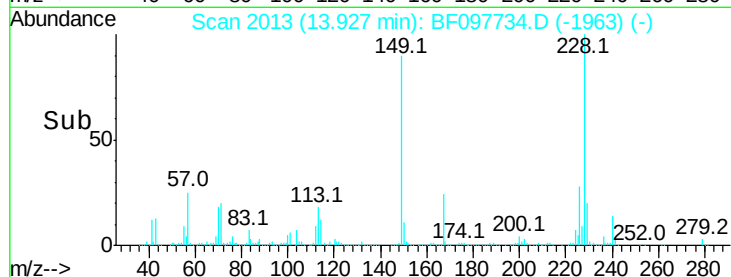
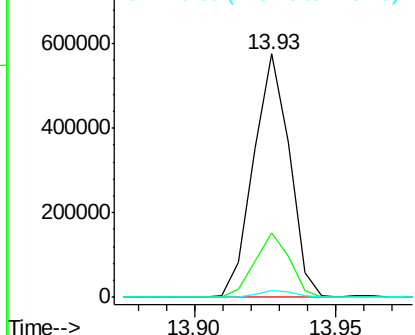
149 100

167 26.5 21.0 31.4

279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.598 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

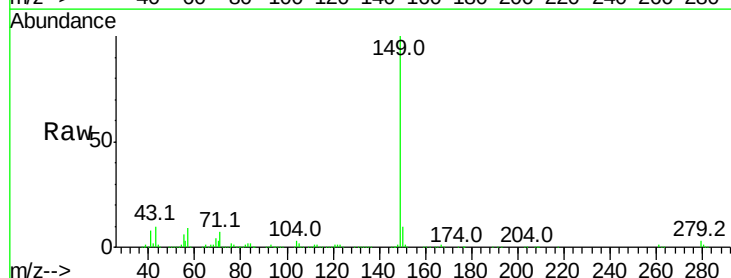
Tgt Ion:149 Resp: 915767

Ion Ratio Lower Upper

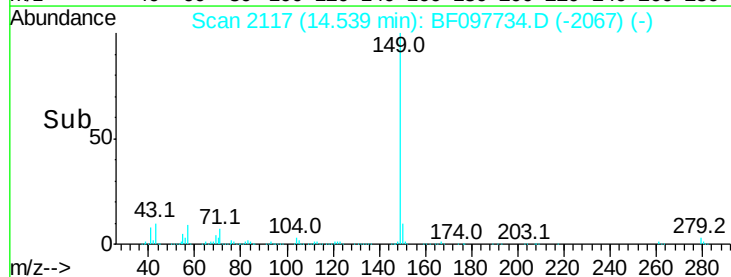
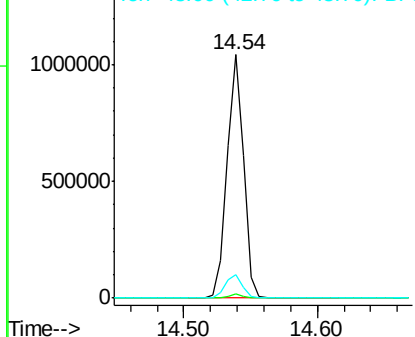
149 100

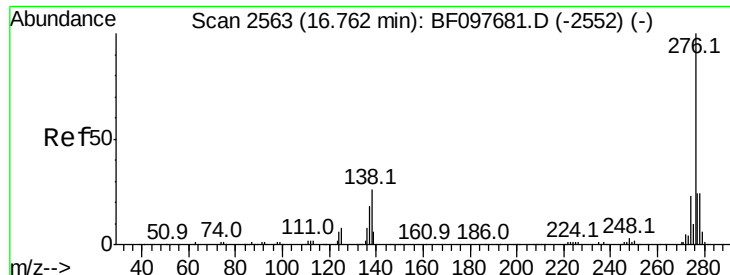
167 1.5 1.2 1.8

43 10.1 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

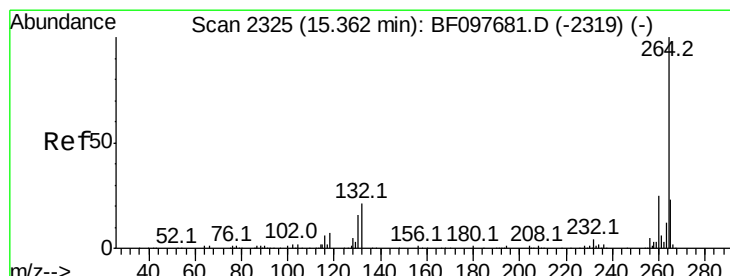
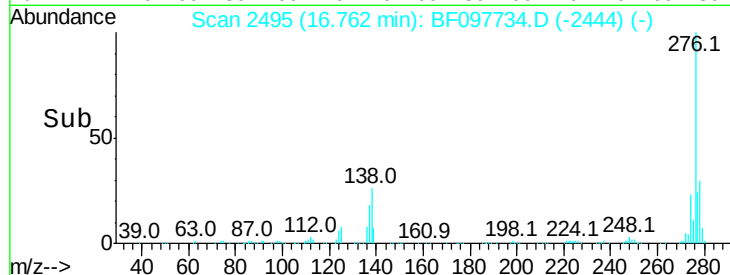
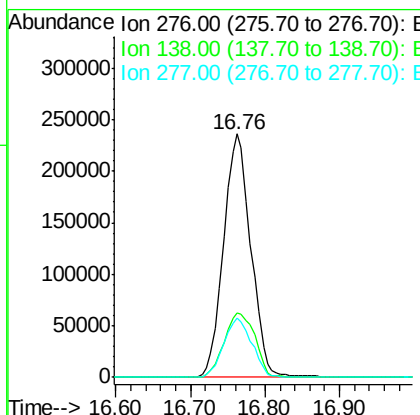
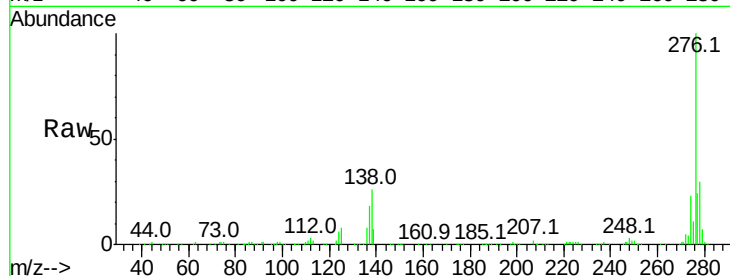




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.668 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

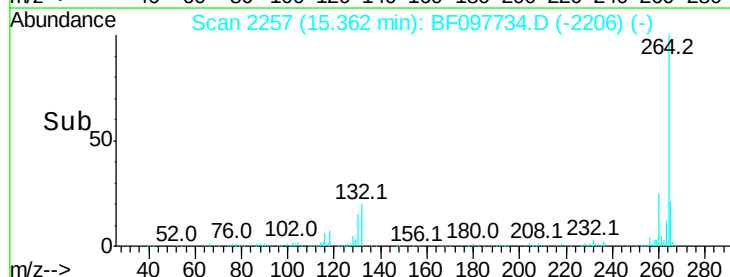
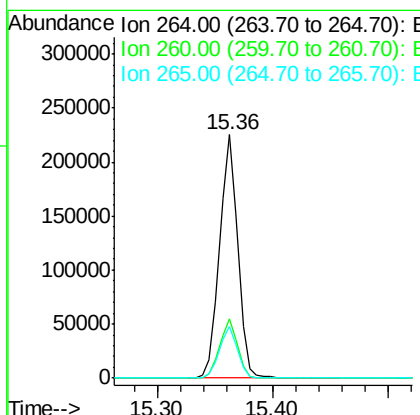
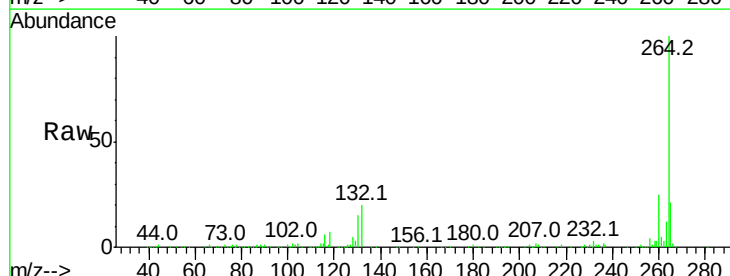
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

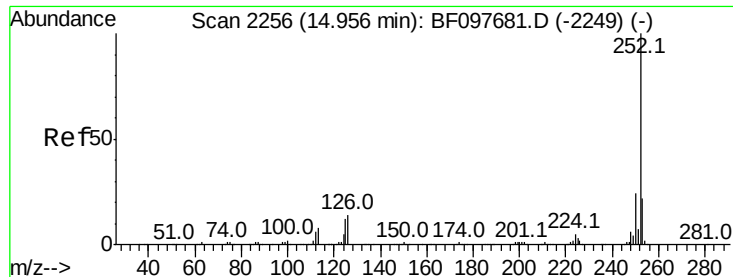
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097734.D
 Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.2	25.8

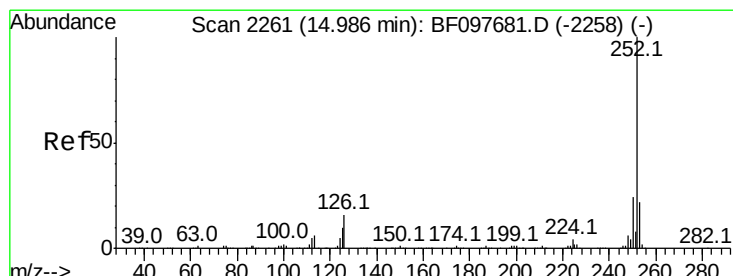
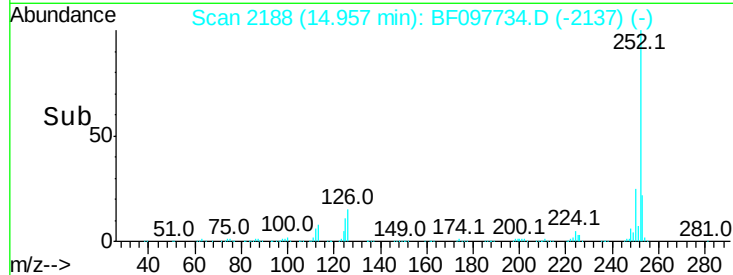
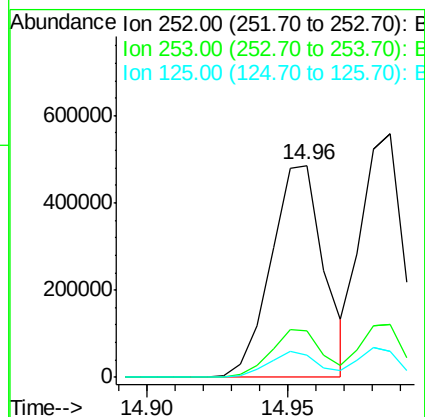
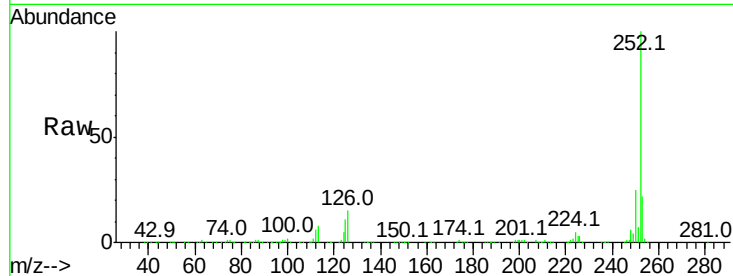




#87
Benzo(b)fluoranthene
Concen: 40.685 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

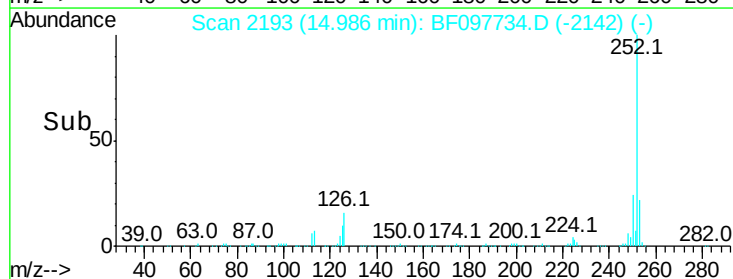
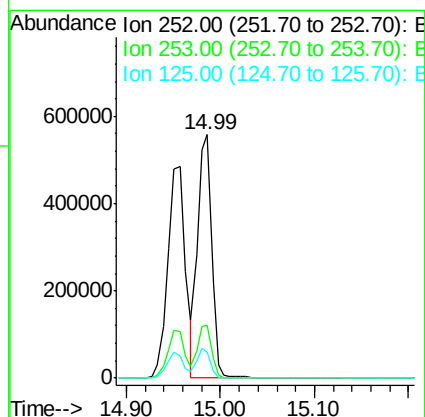
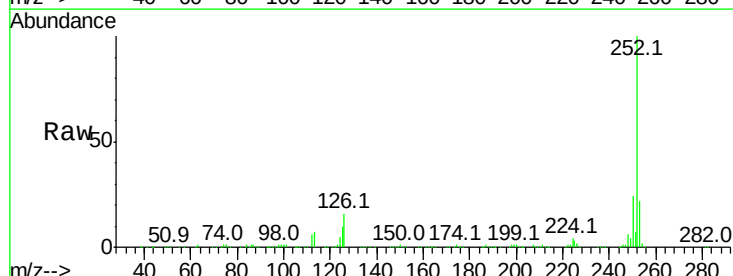
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

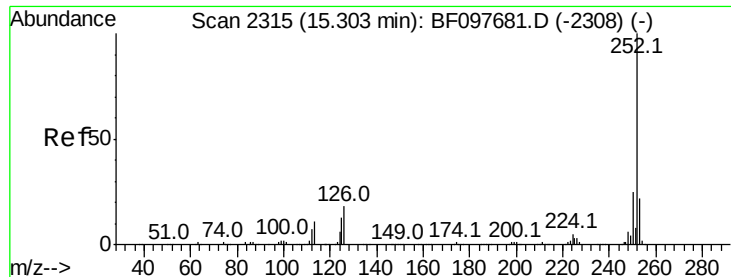
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.8	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 39.753 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097734.D
Acq: 16 Aug 2017 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	10.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 41.965 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 577066

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.5	11.0	16.4

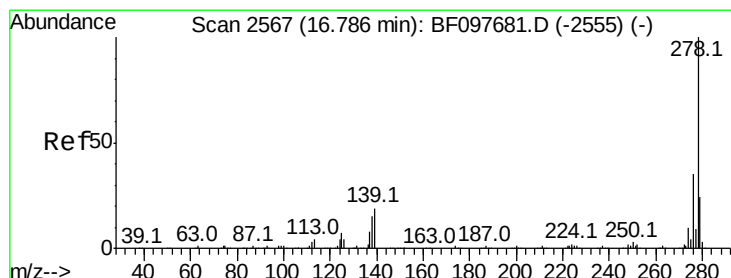
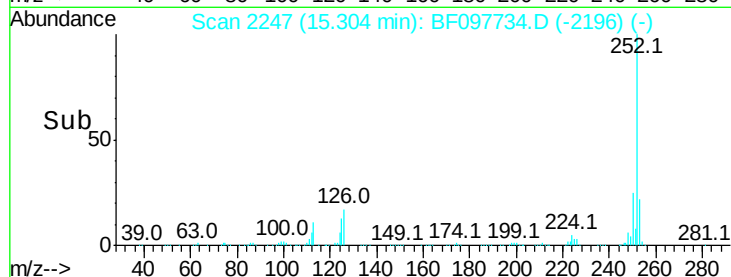
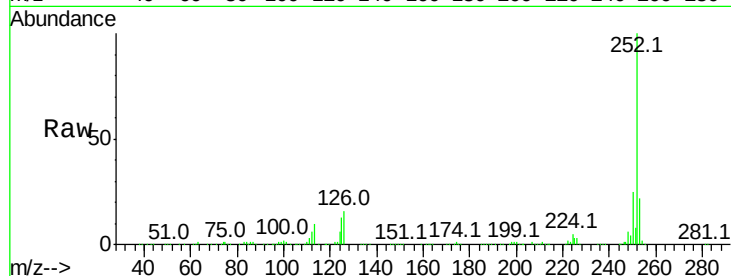
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 46.285 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Tgt Ion:278 Resp: 518160

Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.4	19.3	28.9

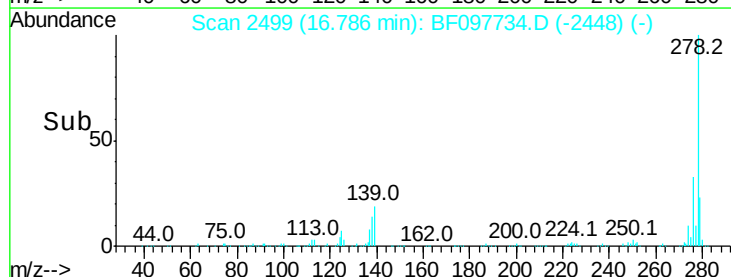
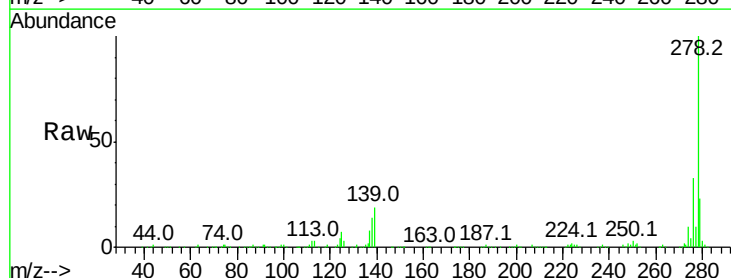
Abundance

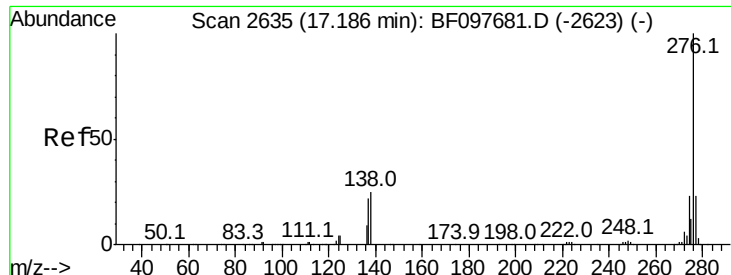
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91

Benzo(a,h,i)perylene

Concen: 45.460 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF097734.D

Acq: 16 Aug 2017 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

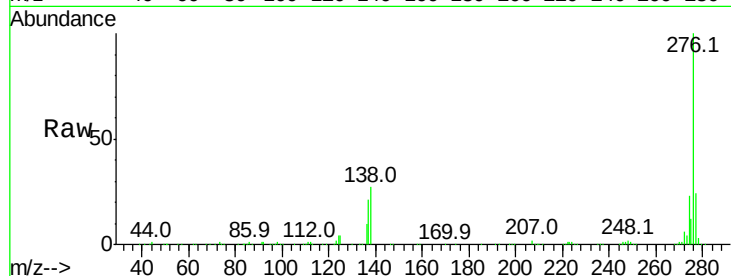
Tot Ion:276 Resp: 531025

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 27.1 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

