

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097958.D
 Acq On : 22 Aug 2017 17:14
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 23 01:01:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	119271	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	485409	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215580	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	407878	20.00	ng	0.00
75) Chrysene-d12	13.90	240	275556	20.00	ng	0.00
86) Perylene-d12	15.32	264	212252	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	633524	80.79	ng	0.00
7) Phenol-d6	6.39	99	861242	80.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	791901	88.63	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	154475	82.58	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1114106	75.93	ng	0.00
78) Terphenyl-d14	12.85	244	1021866	77.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	175201	40.06	ng	89
3) Pyridine	3.13	79	506242	41.88	ng	86
4) n-Nitrosodimethylamine	3.10	42	184635	39.69	ng	80
6) Aniline	6.42	93	593155	39.63	ng	97
8) 2-Chlorophenol	6.53	128	339758	41.09	ng	95
9) Benzaldehyde	6.30	77	272647	40.40	ng	88
10) Phenol	6.40	94	509735	40.91	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	380060	40.41	ng	96
12) 1,3-Dichlorobenzene	6.69	146	358358	40.29	ng	# 95
13) 1,4-Dichlorobenzene	6.77	146	361028	39.91	ng	94
14) 1,2-Dichlorobenzene	6.92	146	332292	39.84	ng	98
15) Benzyl Alcohol	6.89	79	322076	40.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	499251	39.46	ng	91
17) 2-Methylphenol	7.01	107	293491	40.27	ng	96
18) Hexachloroethane	7.26	117	146389	41.27	ng	# 80
19) n-Nitroso-di-n-propylamine	7.17	70	282169	38.69	ng	# 88
20) 3+4-Methylphenols	7.16	107	347602	39.05	ng	89
22) Acetophenone	7.16	105	478103	37.28	ng	# 91
24) Nitrobenzene	7.34	77	435168	43.74	ng	96
25) Isophorone	7.57	82	738311	39.74	ng	96
26) 2-Nitrophenol	7.65	139	167817	46.72	ng	# 76
27) 2,4-Dimethylphenol	7.69	122	307505	39.68	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	486176	39.80	ng	99
29) 2,4-Dichlorophenol	7.89	162	261276	40.62	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	282251	39.58	ng	99
31) Naphthalene	8.06	128	979399	38.87	ng	100
32) Benzoic acid	7.82	122	189100	35.43	ng	88
33) 4-Chloroaniline	8.10	127	424564	39.95	ng	98
34) Hexachlorobutadiene	8.17	225	163476	39.27	ng	99
35) Caprolactam	8.49	113	91512	41.85	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	336238	40.69	ng	# 79
37) 2-Methylnaphthalene	8.75	142	615947	39.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	264885	40.04	ng	98
40) Hexachlorocyclopentadiene	8.90	237	126836	39.91	ng	98

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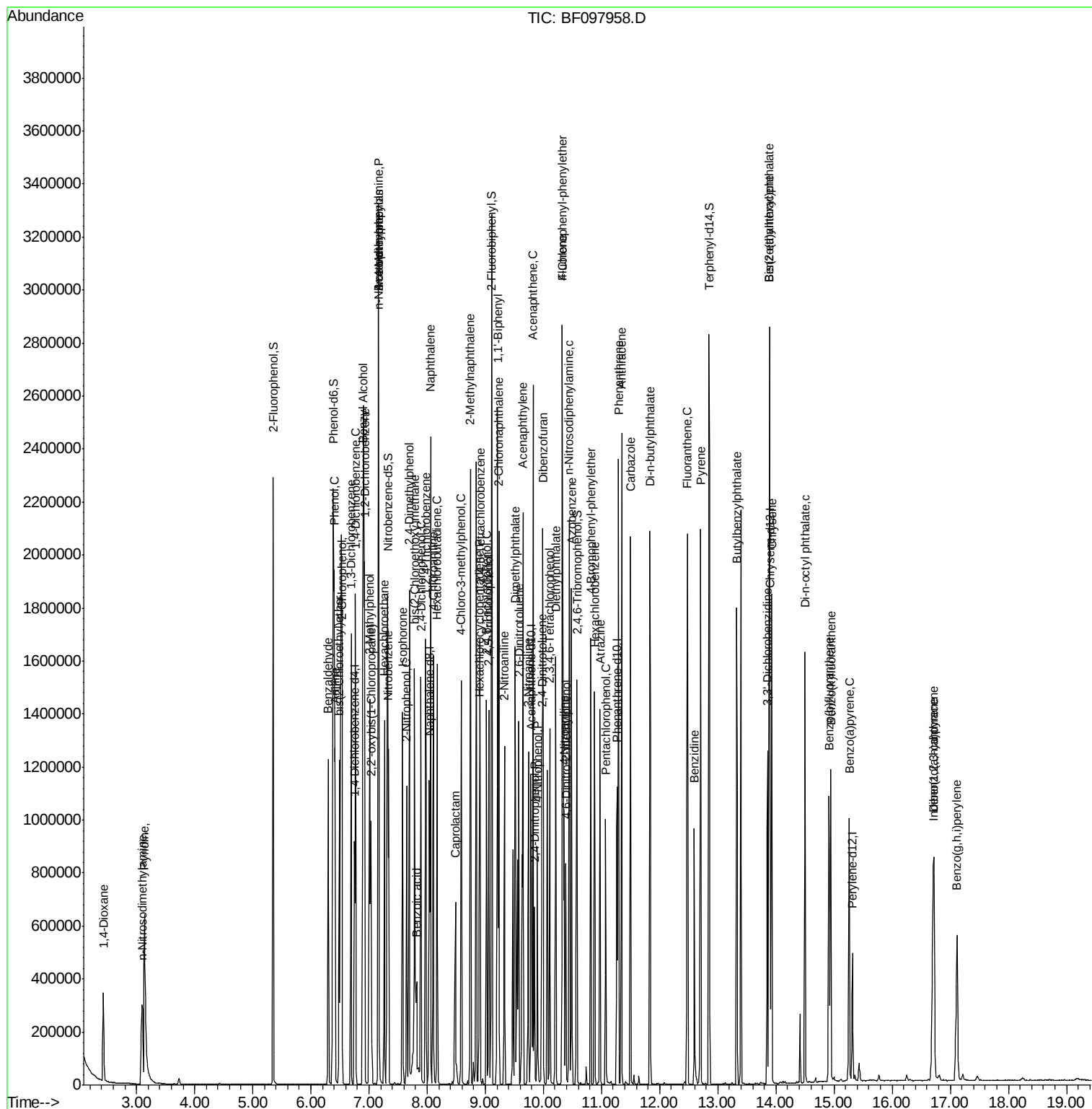
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	184334	41.50	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	187146	42.47	nq	95
45) 1,1'-Biphenyl	9.21	154	773200	39.33	nq	96
46) 2-Chloronaphthalene	9.23	162	569240	39.19	nq	# 91
47) 2-Nitroaniline	9.33	65	232898	47.83	nq	97
48) Acenaphthylene	9.65	152	895046	39.24	nq	99
49) Dimethylphthalate	9.52	163	629709	39.96	nq	100
50) 2,6-Dinitrotoluene	9.57	165	137904	43.84	nq	# 55
51) Acenaphthene	9.82	154	543297	37.77	nq	99
52) 3-Nitroaniline	9.75	138	179966	44.35	nq	92
53) 2,4-Dinitrophenol	9.85	184	61228	45.87	nq	# 72
54) Dibenzofuran	9.99	168	745391	38.66	nq	99
55) 4-Nitrophenol	9.90	139	134367	41.51	nq	# 47
56) 2,4-Dinitrotoluene	9.97	165	179803	45.55	nq	# 47
57) Fluorene	10.33	166	576183	38.65	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	143095	41.94	nq	95
59) Diethylphthalate	10.21	149	646831	39.25	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	271151	39.15	nq	89
61) 4-Nitroaniline	10.36	138	175899	45.60	nq	# 72
62) Azobenzene	10.49	77	761554	38.91	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	89736	46.92	nq	# 78
65) n-Nitrosodiphenylamine	10.45	169	543260	39.11	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	169655	40.05	nq	97
67) Hexachlorobenzene	10.88	284	168818	39.10	nq	# 85
68) Atrazine	10.97	200	139104	37.76	nq	97
69) Pentachlorophenol	11.07	266	99961	39.71	nq	98
70) Phenanthrene	11.29	178	834684	38.40	nq	100
71) Anthracene	11.35	178	848710	38.50	nq	100
72) Carbazole	11.50	167	814057	38.90	nq	99
73) Di-n-butylphthalate	11.83	149	991201	41.12	nq	99
74) Fluoranthene	12.47	202	876555	38.64	nq	98
76) Benzidine	12.60	184	327678	36.27	nq	94
77) Pyrene	12.70	202	893920	39.66	nq	99
79) Butylbenzylphthalate	13.33	149	377664	43.71	nq	# 71
80) Benzo(a)anthracene	13.89	228	600407	36.35	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	230983	41.45	nq	# 96
82) Chrysene	13.93	228	611646	37.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	419040	43.76	nq	98
84) Di-n-octyl phthalate	14.50	149	735977	44.18	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	514242	42.55	nq	94
87) Benzo(b)fluoranthene	14.92	252	515168	38.51	nq	97
88) Benzo(k)fluoranthene	14.94	252	483625	38.48	nq	# 93
89) Benzo(a)pyrene	15.26	252	479964	40.52	nq	97
90) Dibenzo(a,h)anthracene	16.72	278	435812	45.20	nq	98
91) Benzo(g,h,i)perylene	17.12	276	459341	45.66	nq	# 93

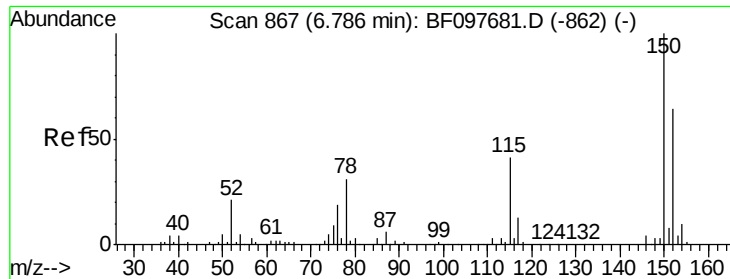
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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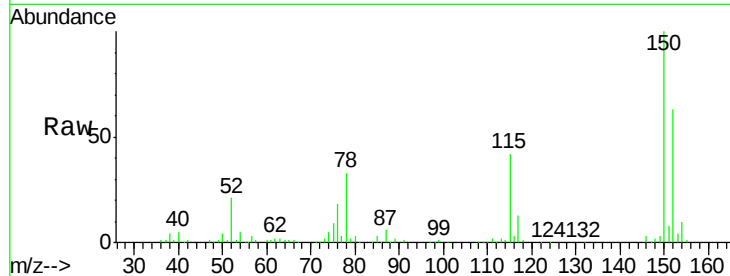


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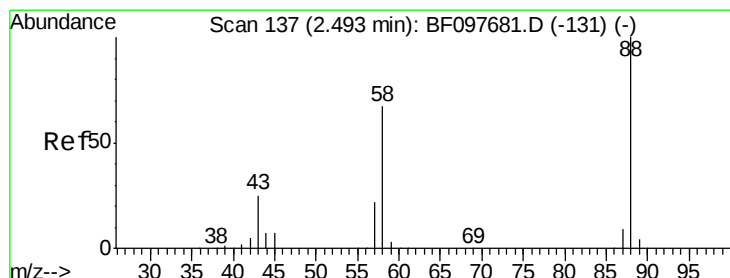
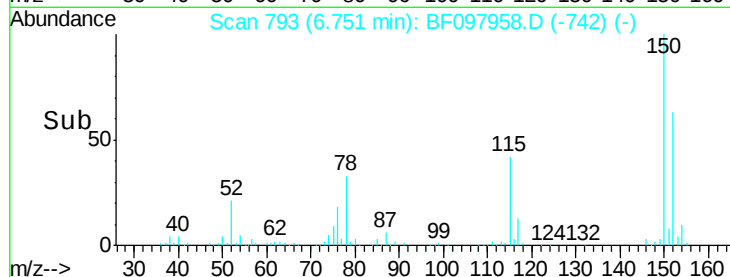
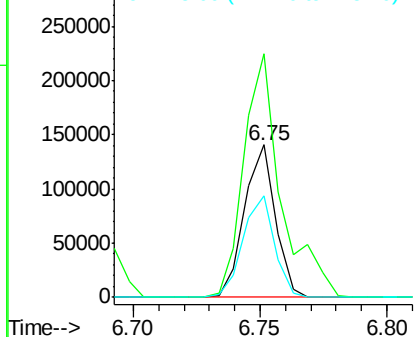
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 119271
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 66.5 52.2 78.2



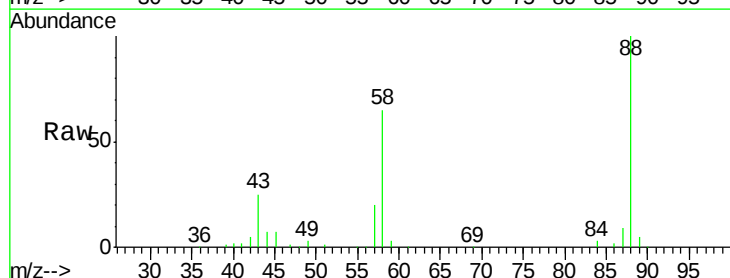
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



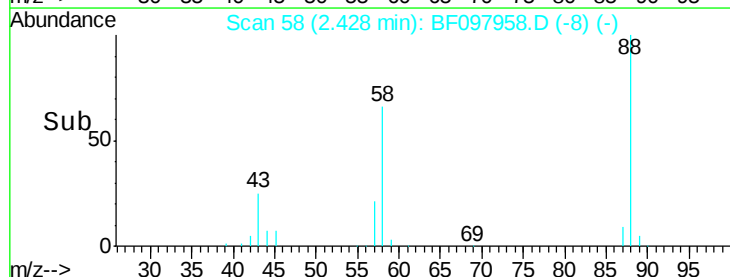
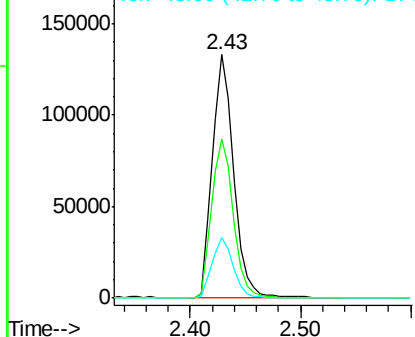
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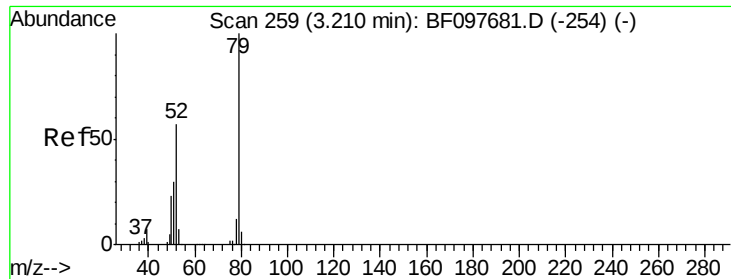
1,4-Dioxane
Concen: 40.06 ng
RT: 2.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion: 88 Resp: 175201
Ion Ratio Lower Upper
88 100
58 66.6 61.4 92.0
43 25.0 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: 41.88 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

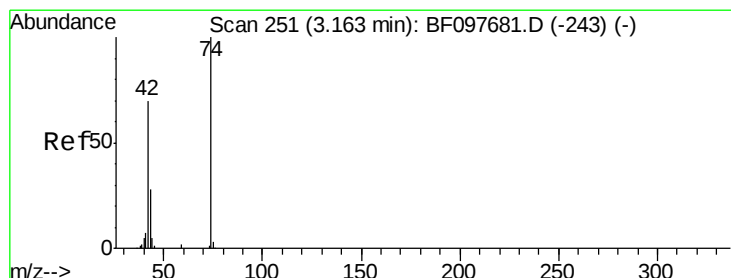
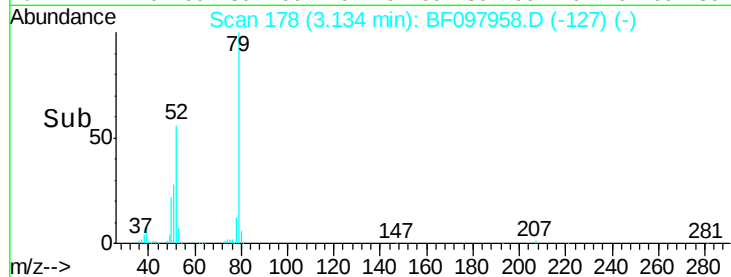
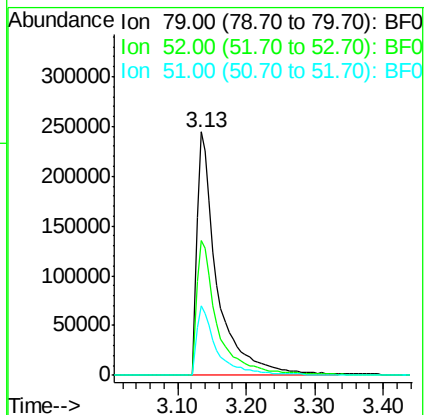
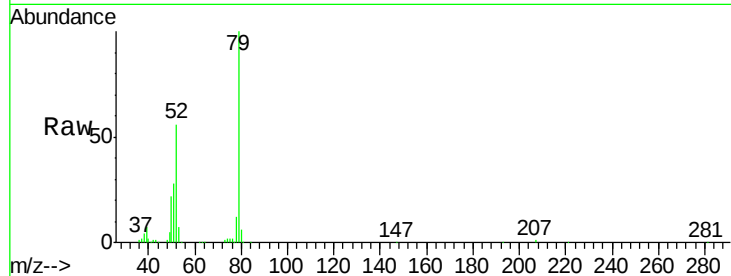
Tot Ion: 79 Resp: 506242

Ion Ratio Lower Upper

79 100

52 55.5 54.8 82.2

51 28.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.69 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.01 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

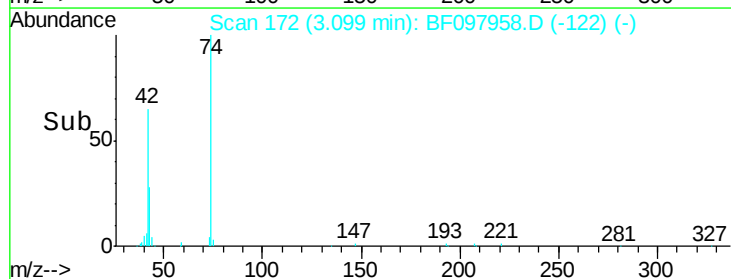
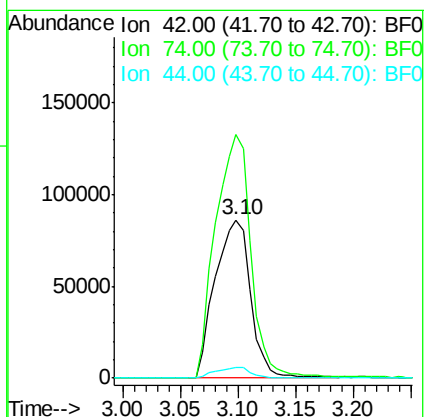
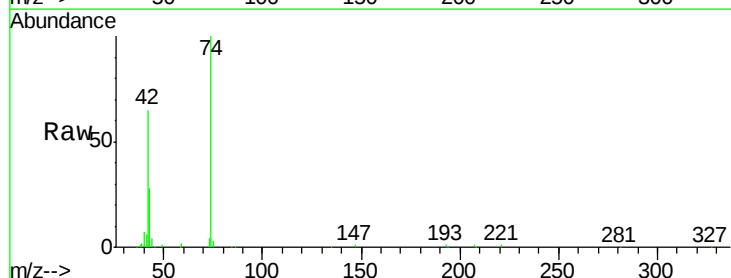
Tgt Ion: 42 Resp: 184635

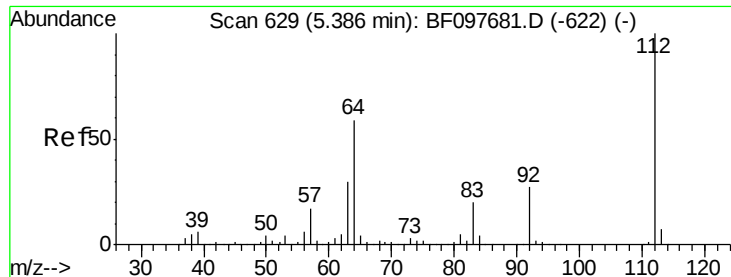
Ion Ratio Lower Upper

42 100

74 154.1 103.9 155.9

44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 80.79 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

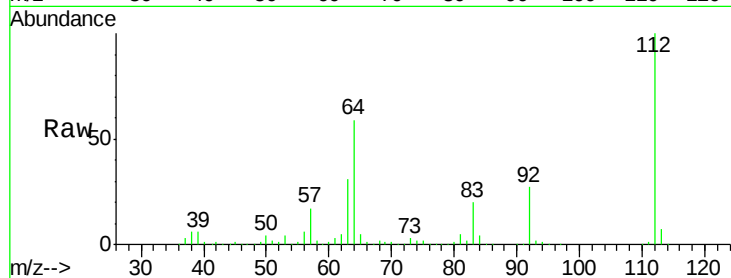
Tot Ion:112 Resp: 633524

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

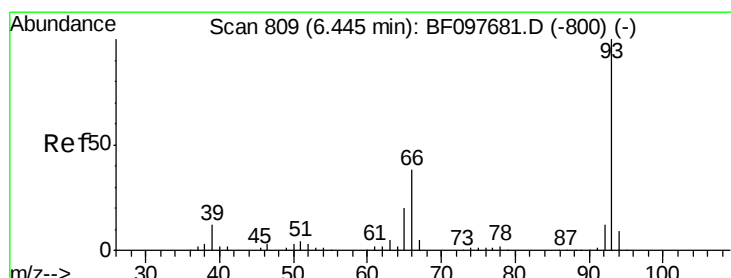
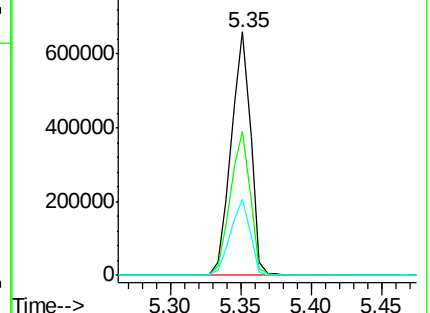
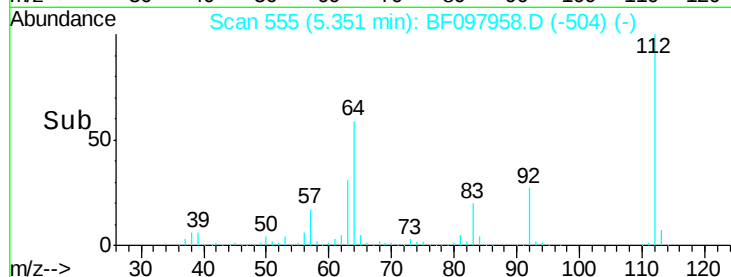
63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.63 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

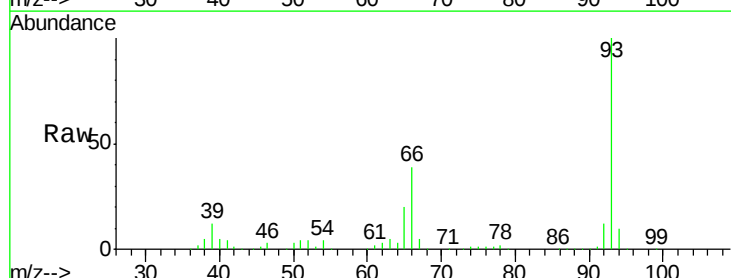
Tgt Ion: 93 Resp: 593155

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

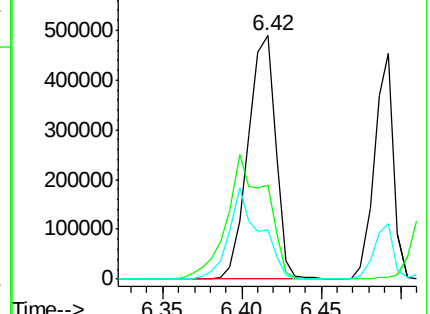
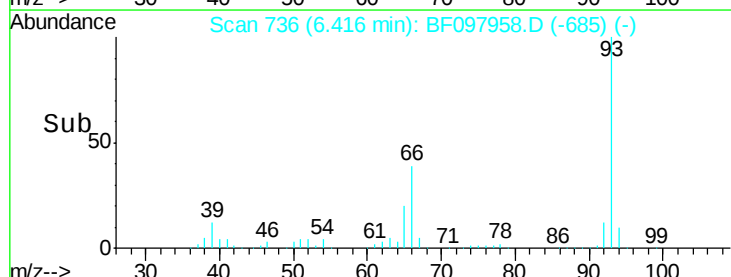
65 20.4 16.0 24.0

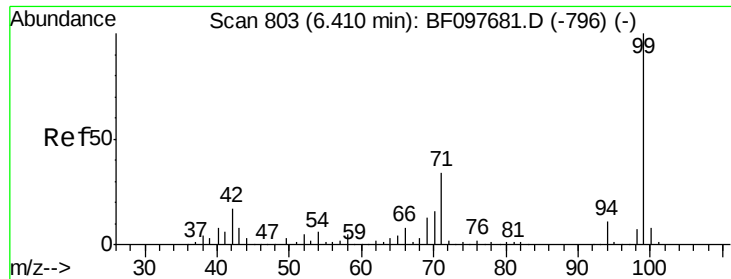


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.84 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097958.D

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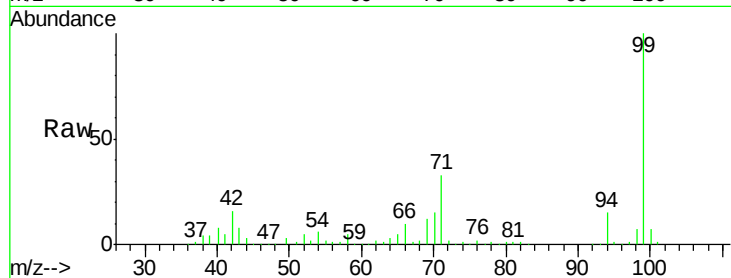
Tot Ion: 99 Resp: 861242

Ion Ratio Lower Upper

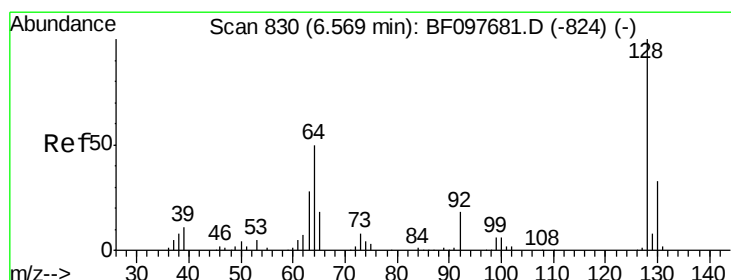
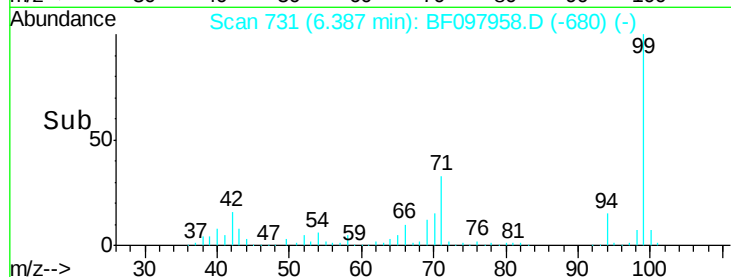
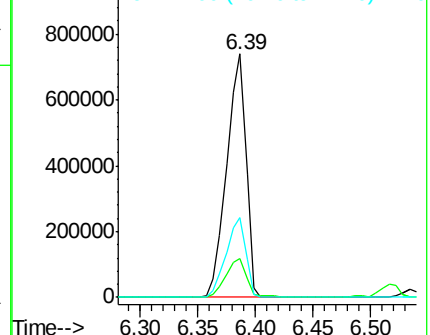
99 100

42 15.8 13.5 20.3

71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

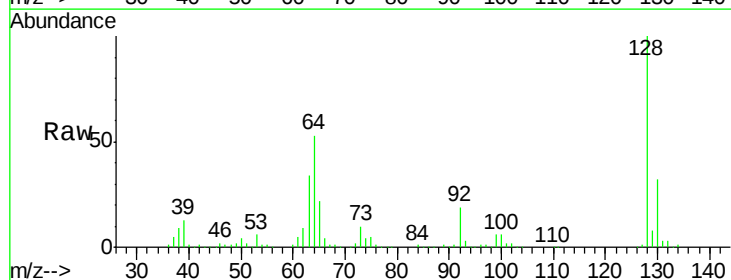
Tgt Ion: 128 Resp: 339758

Ion Ratio Lower Upper

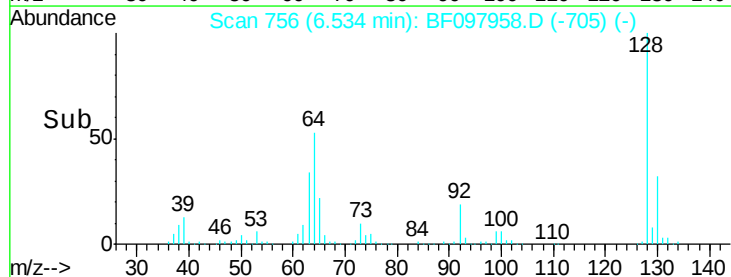
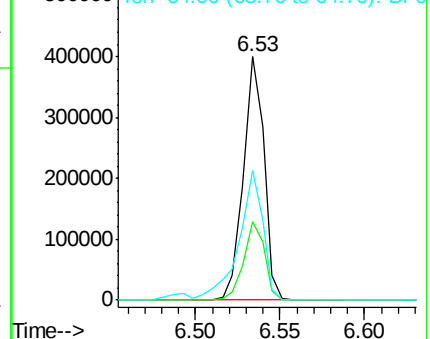
128 100

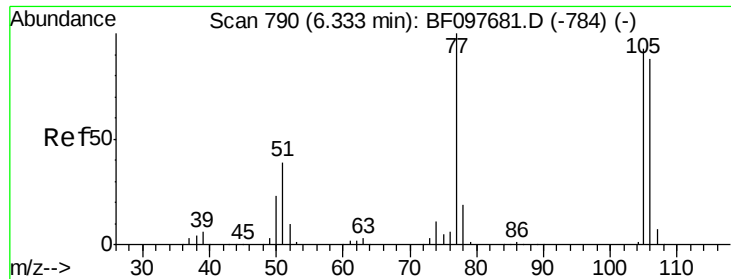
130 32.5 12.9 52.9

64 53.3 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.40 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

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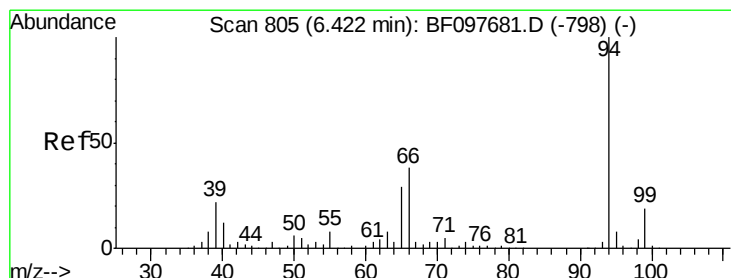
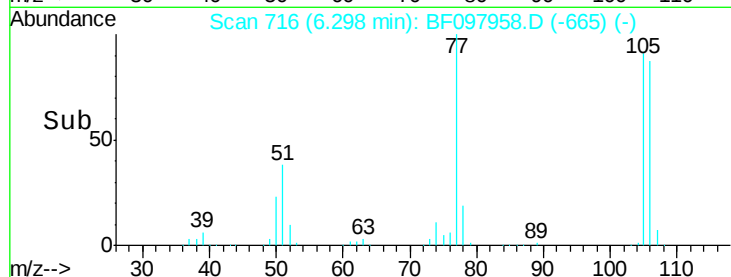
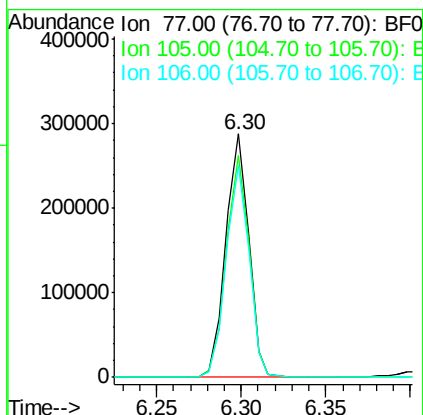
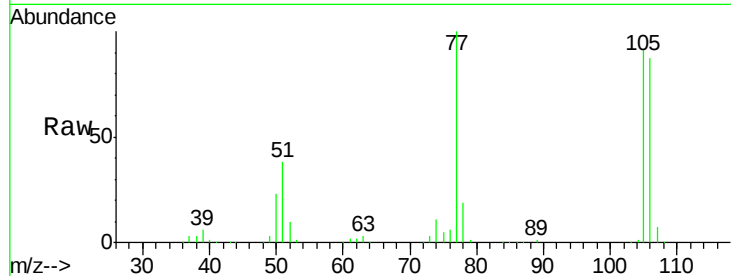
Tot Ion: 77 Resp: 272647

Ion Ratio Lower Upper

77 100

105 90.9 83.8 123.8

106 87.1 79.1 119.1



#10

Phenol

Concen: 40.91 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

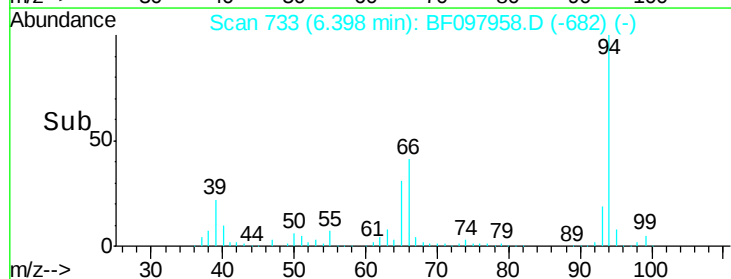
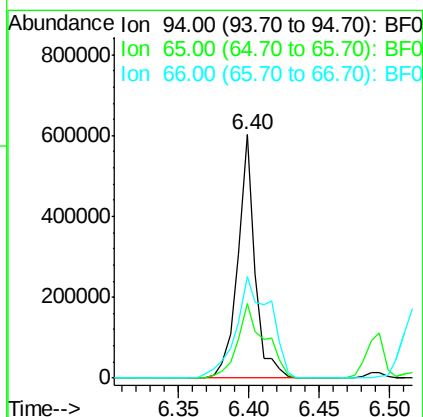
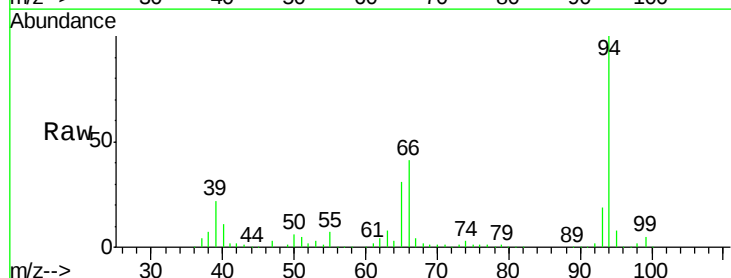
Tgt Ion: 94 Resp: 509735

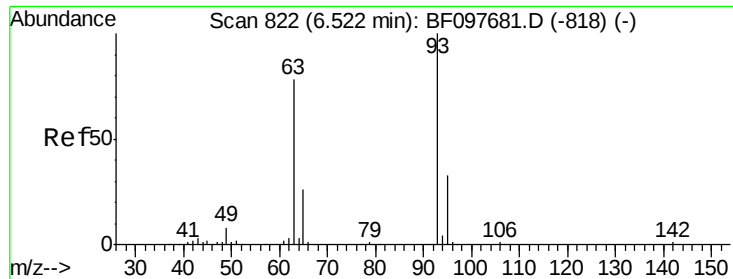
Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

66 41.5 23.1 63.1

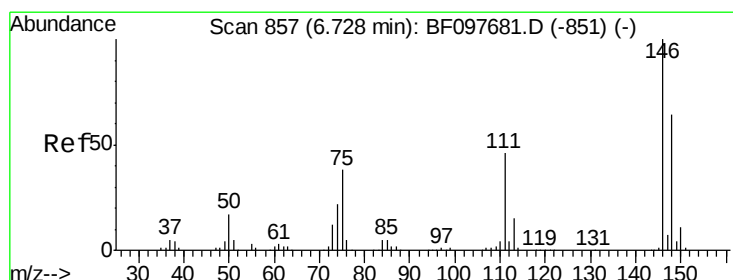
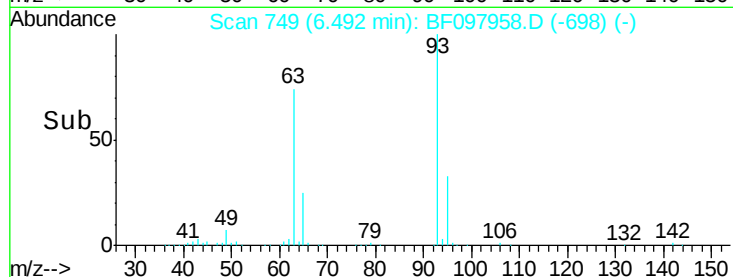
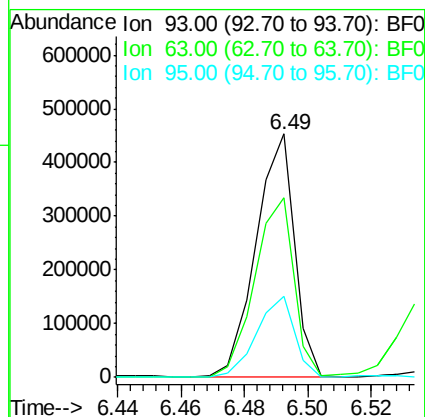
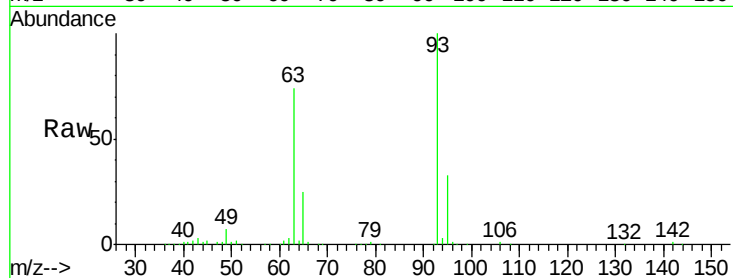




#11
bis(2-Chloroethyl)ether
Concen: 40.41 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

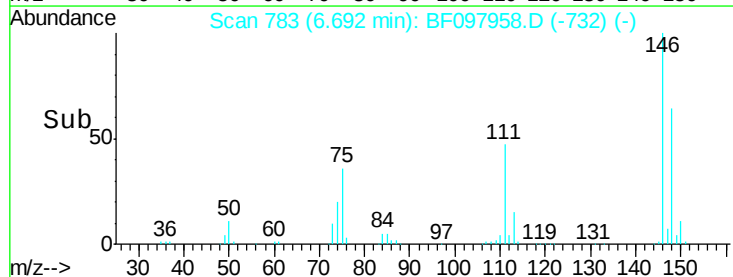
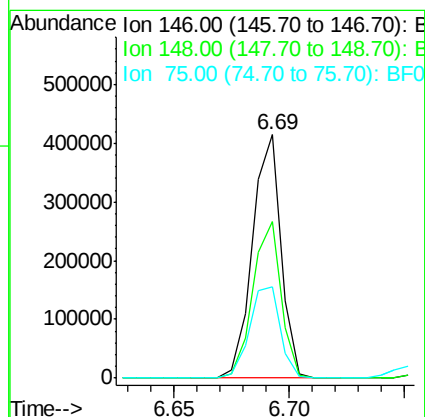
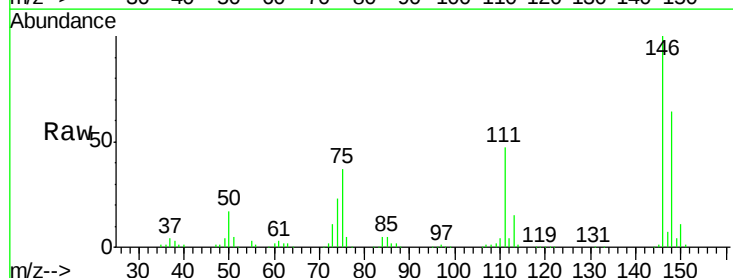
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

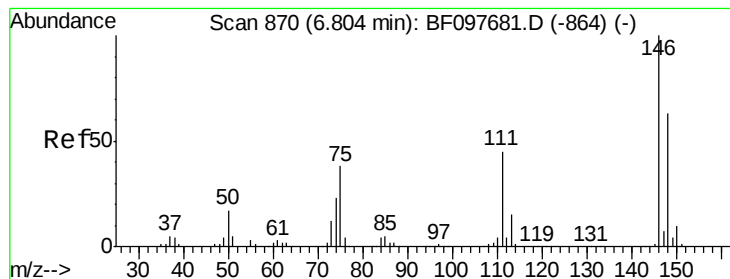
Tot Ion: 93 Resp: 380060
Ion Ratio Lower Upper
93 100
63 73.9 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.29 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion: 146 Resp: 358358
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 37.3 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.91 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

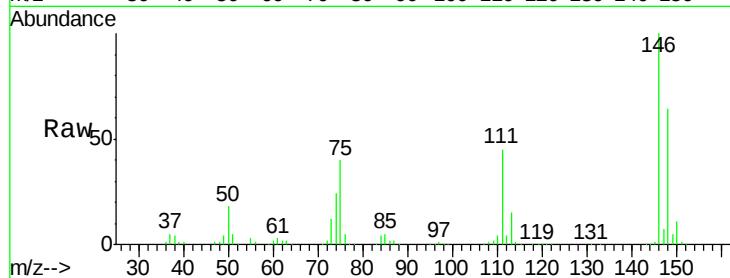
Tot Ion:146 Resp: 361028

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

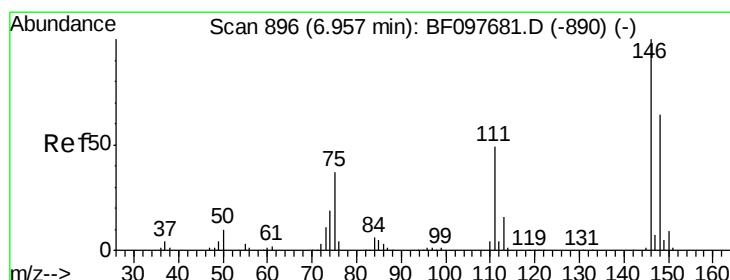
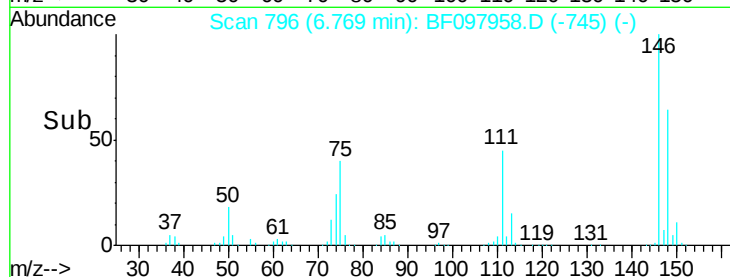
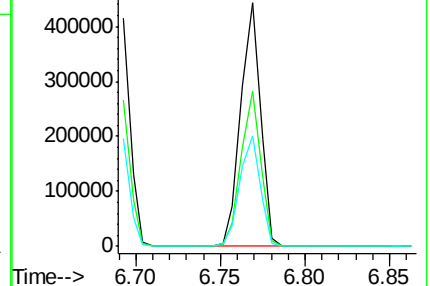
111 45.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.84 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

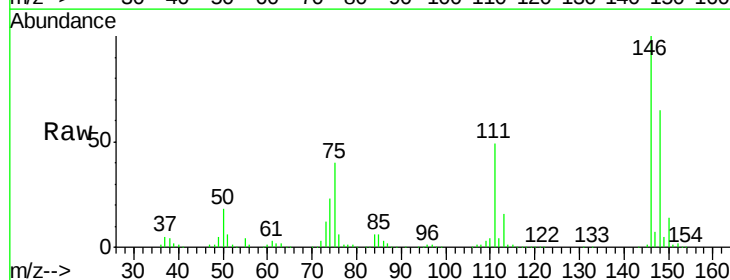
Tgt Ion:146 Resp: 332292

Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

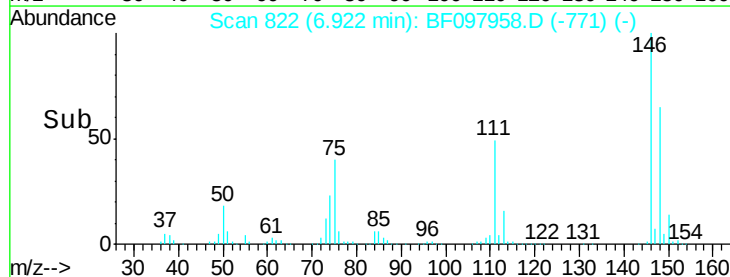
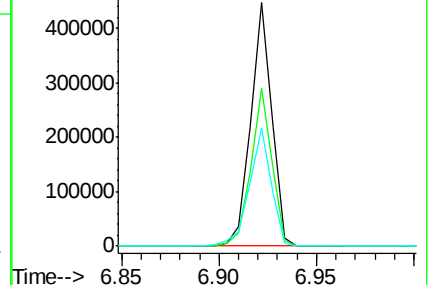
111 48.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.38 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

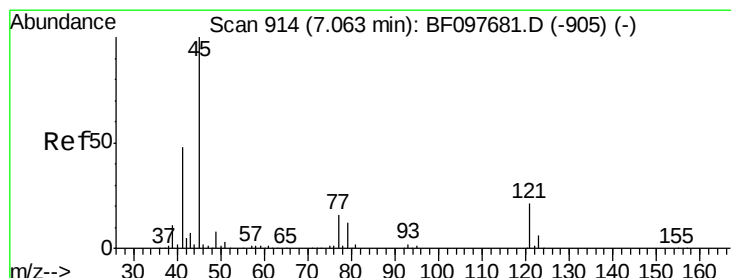
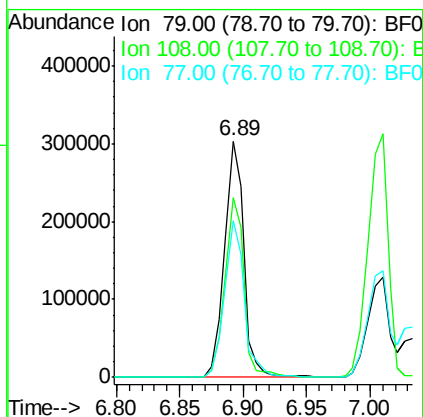
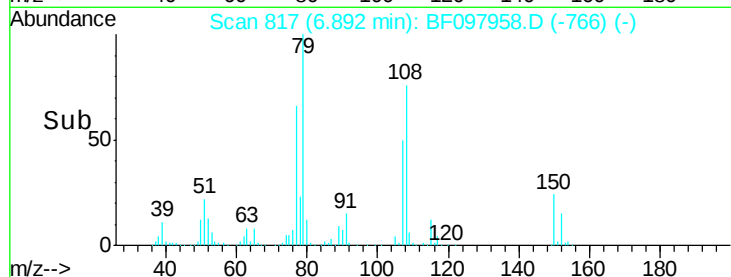
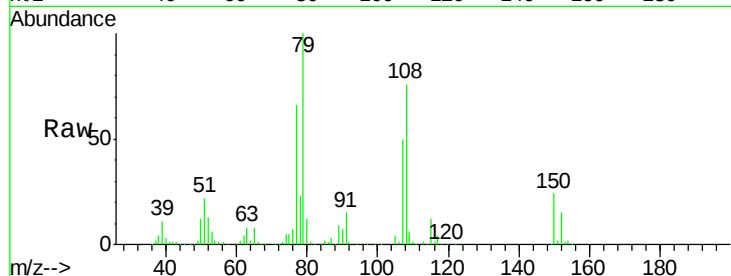
Tot Ion: 79 Resp: 322076

Ion Ratio Lower Upper

79 100

108 76.0 63.4 95.0

77 66.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.46 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

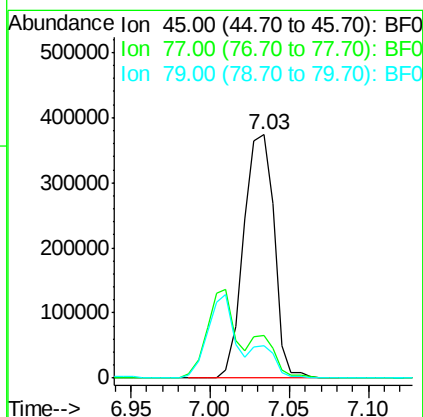
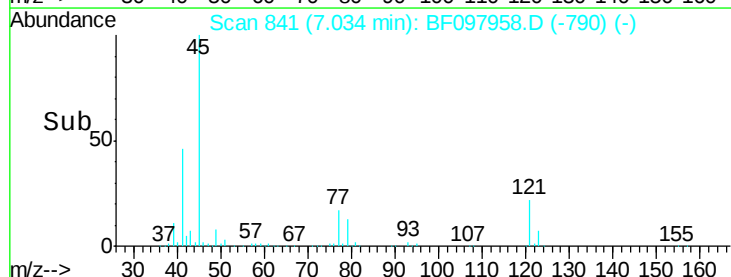
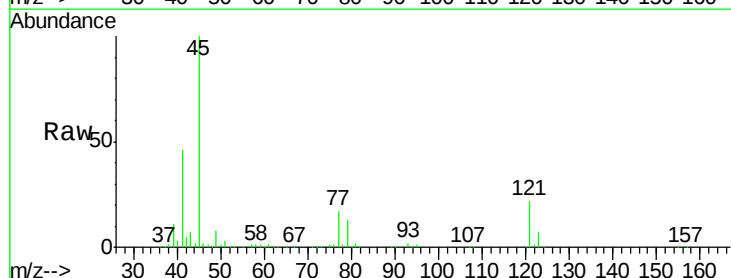
Tgt Ion: 45 Resp: 499251

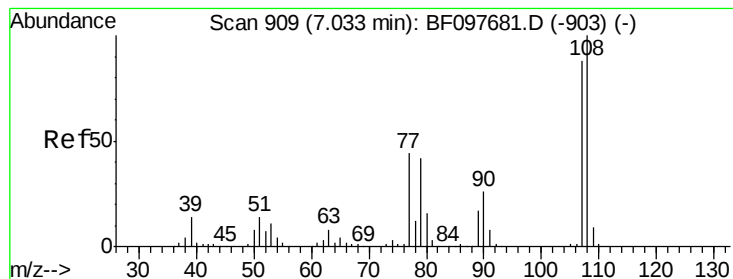
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.2

79 13.1 0.0 30.0





#17

2-Methylphenol

Concen: 40.27 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 293491

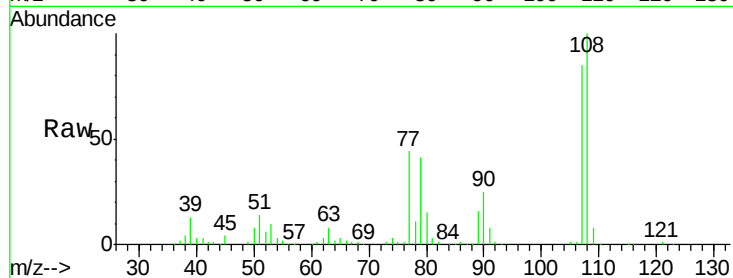
Ion Ratio Lower Upper

107 100

108 117.2 93.4 140.0

77 51.4 35.8 53.6

79 48.3 34.8 52.2

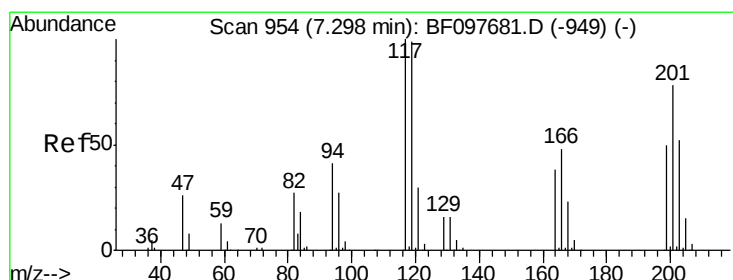
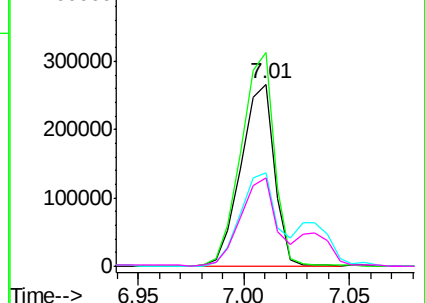
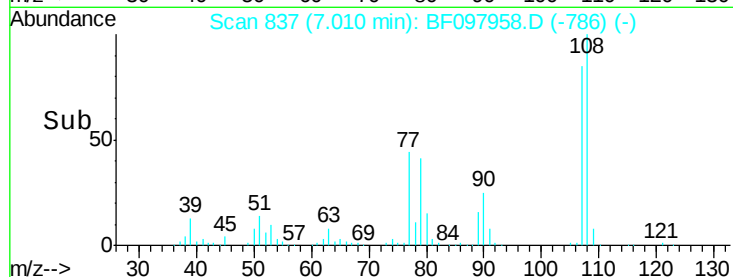


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.27 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

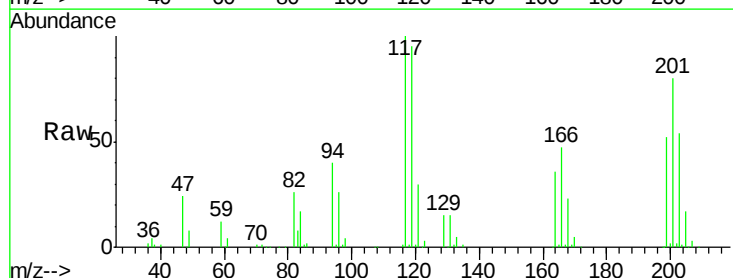
Tgt Ion:117 Resp: 146389

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

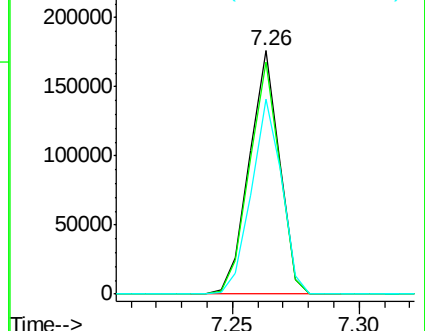
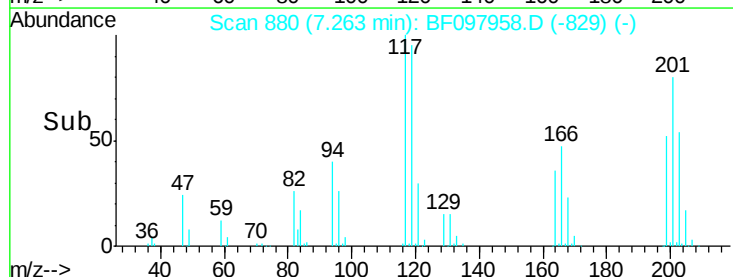
201 80.0 94.6 141.8#

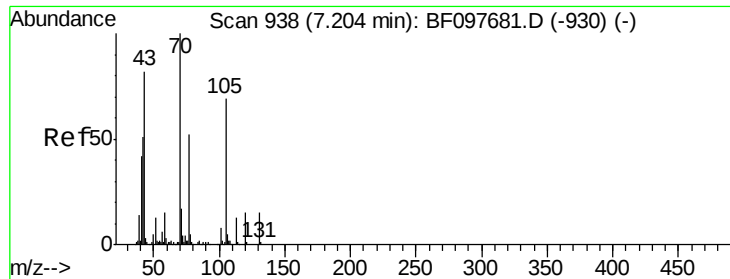


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

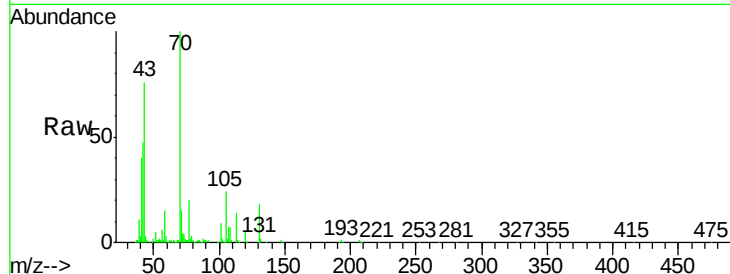




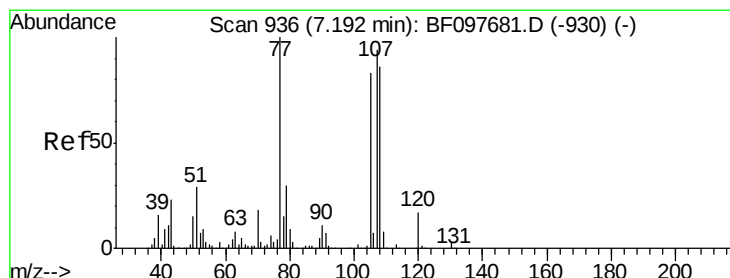
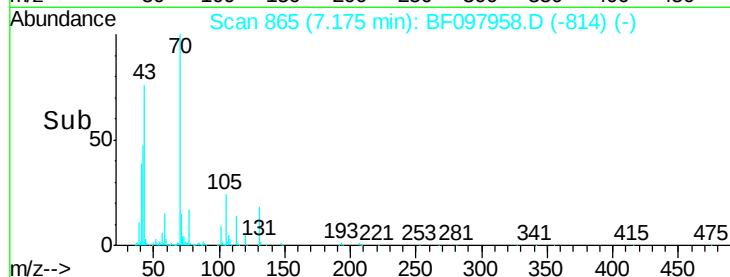
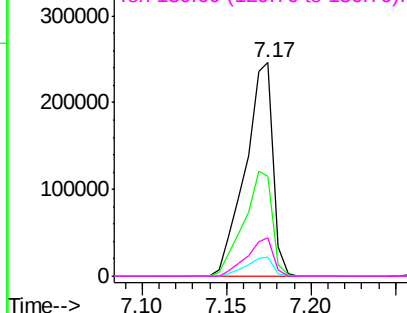
#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 282169
Ion Ratio Lower Upper
70 100
42 46.9 47.2 70.8#
101 8.9 7.2 10.8
130 18.0 15.9 23.9

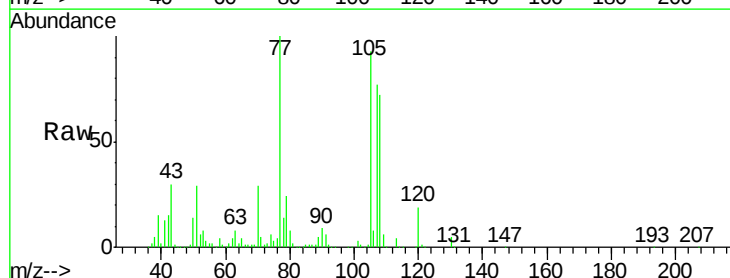


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

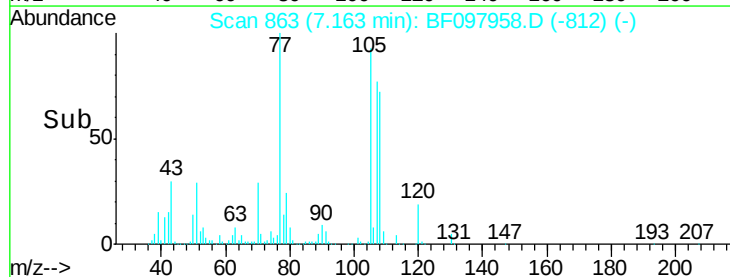
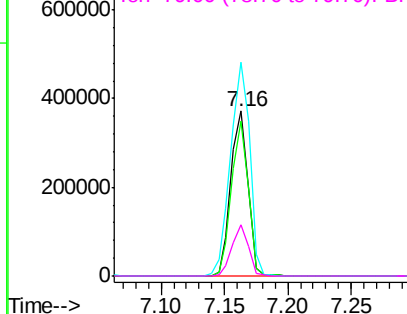


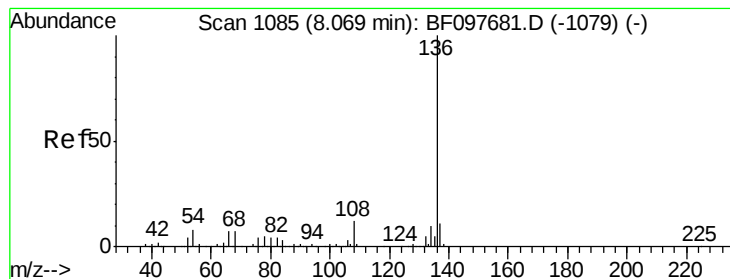
#20
3+4-Methylphenols
Concen: 39.05 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion: 107 Resp: 347602
Ion Ratio Lower Upper
107 100
108 93.9 71.0 111.0
77 129.6 90.5 130.5
79 31.4 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 485409

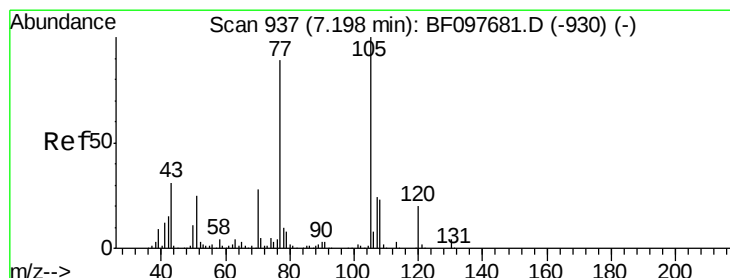
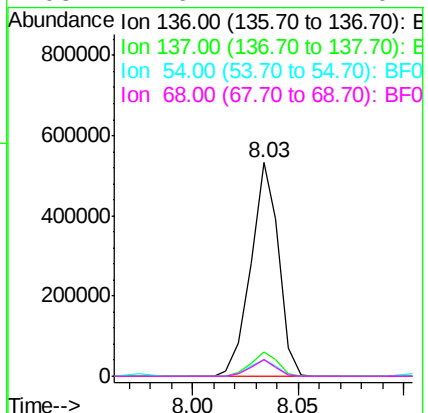
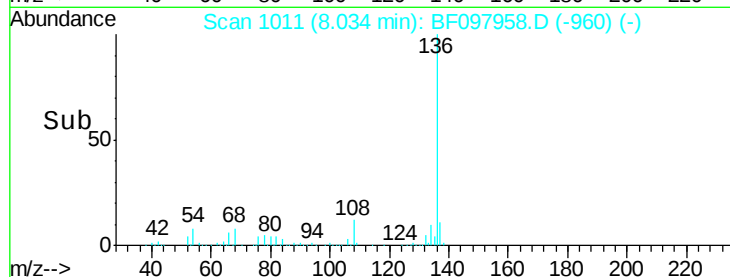
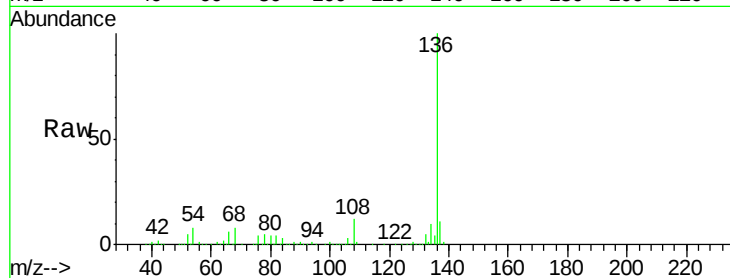
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 7.6 4.1 6.1#



#22

Acetophenone

Concen: 37.28 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Tgt Ion:105 Resp: 478103

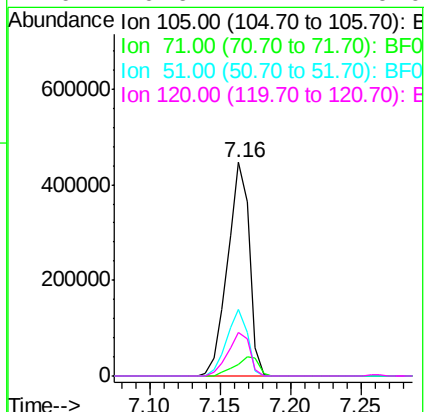
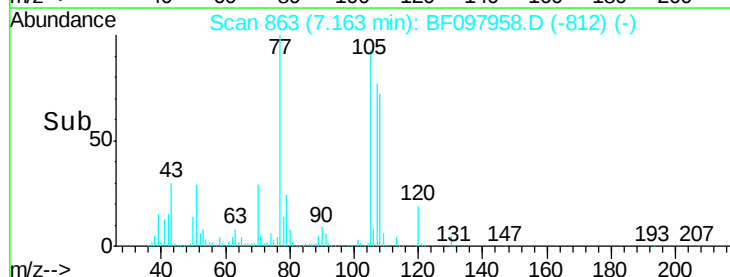
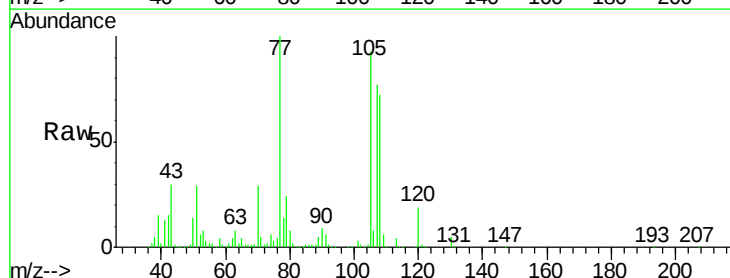
Ion Ratio Lower Upper

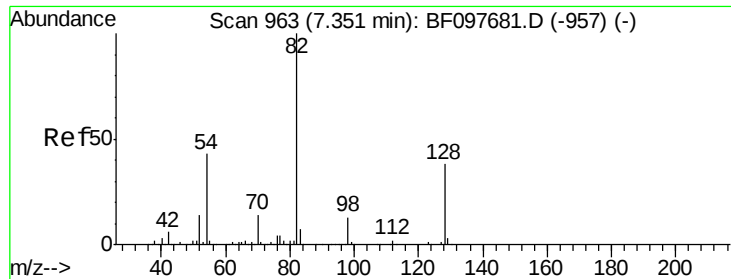
105 100

71 5.2 2.8 4.2#

51 30.9 30.7 46.1

120 20.6 17.4 26.0

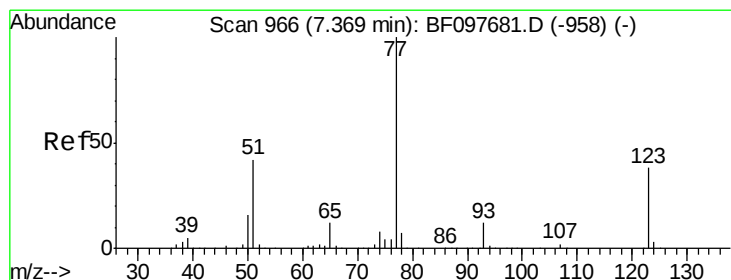
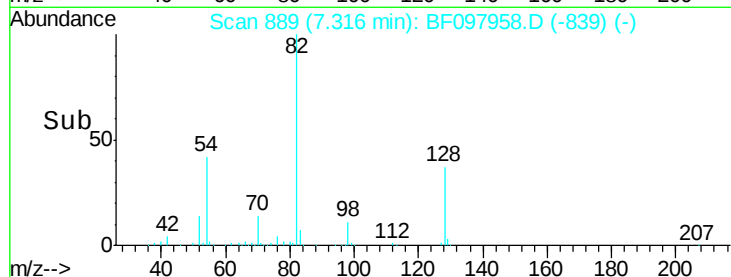
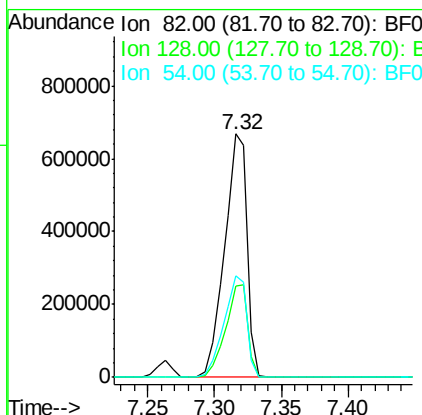
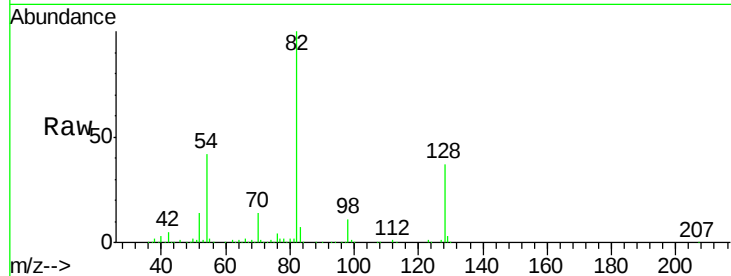




#23
 Nitrobenzene-d5
 Concen: 88.63 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

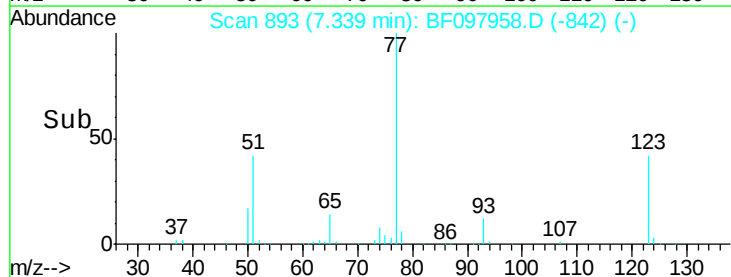
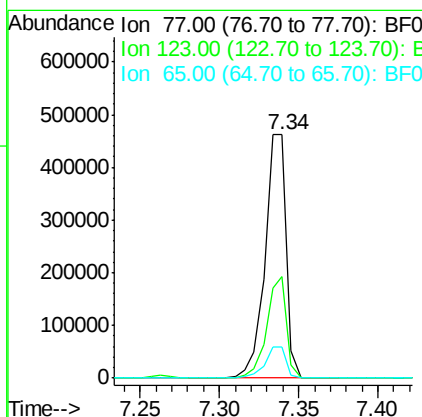
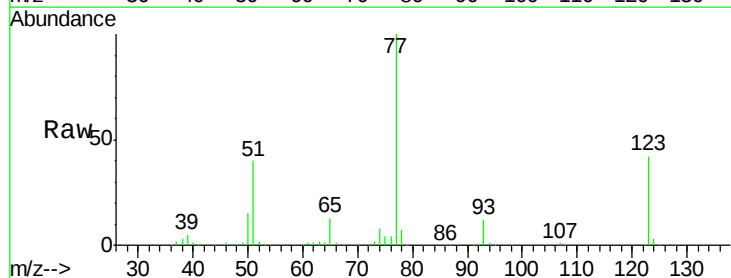
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

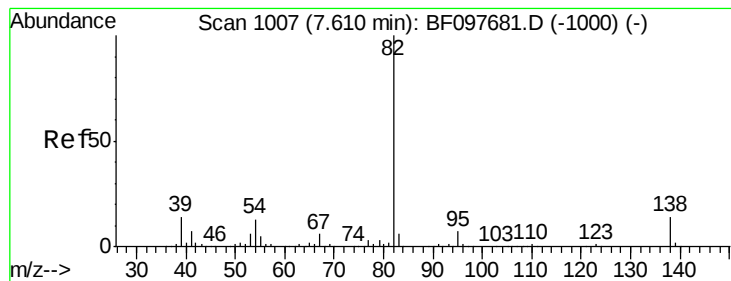
Tot Ion	82	Resp	791901
Ion Ratio	100	Lower	Upper
128	37.4	34.0	51.0
54	41.7	42.2	63.2#



#24
 Nitrobenzene
 Concen: 43.74 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion	77	Resp	435168
Ion Ratio	100	Lower	Upper
123	42.0	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 39.74 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

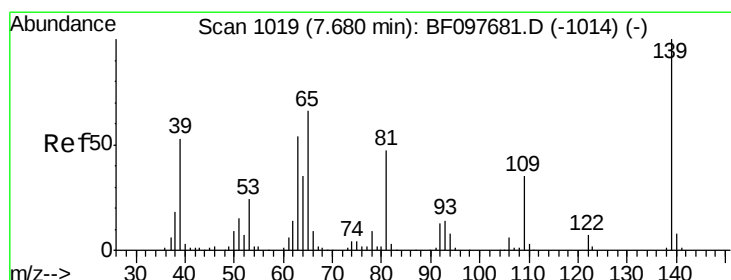
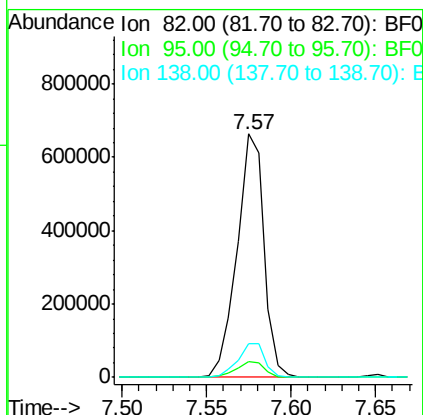
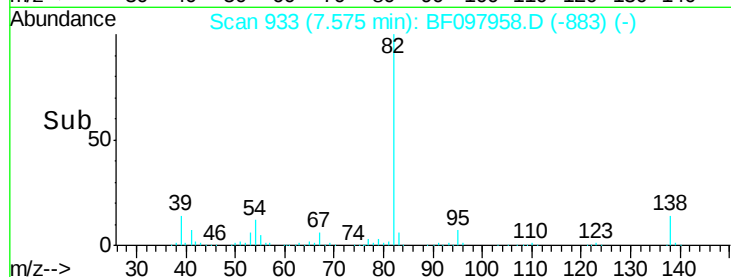
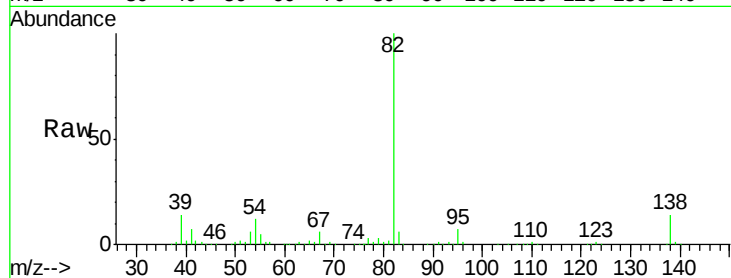
Tot Ion: 82 Resp: 738311

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 13.9 13.1 19.7



#26

2-Nitrophenol

Concen: 46.72 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

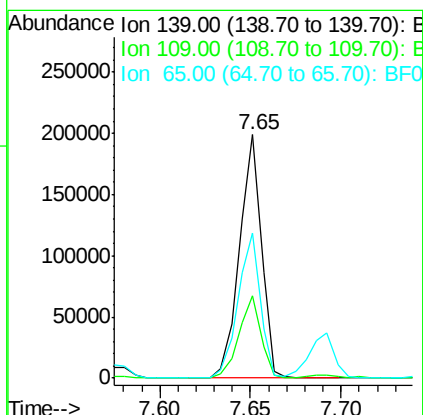
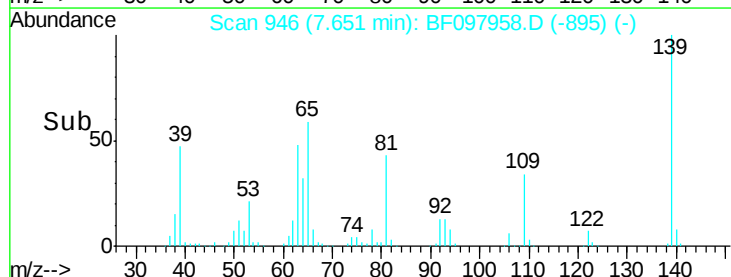
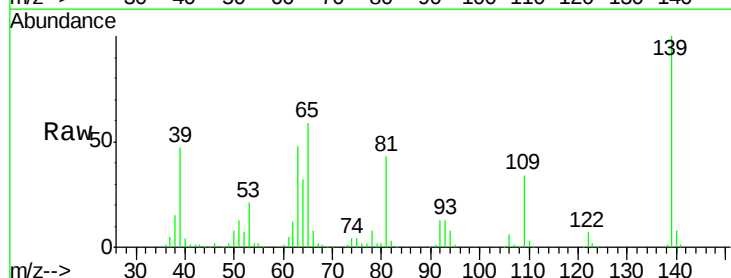
Tgt Ion: 139 Resp: 167817

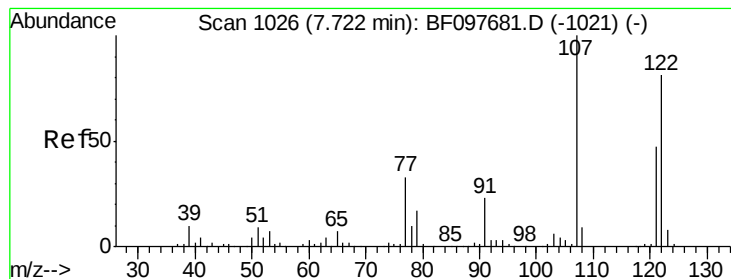
Ion Ratio Lower Upper

139 100

109 33.9 21.0 31.6#

65 59.5 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.68 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

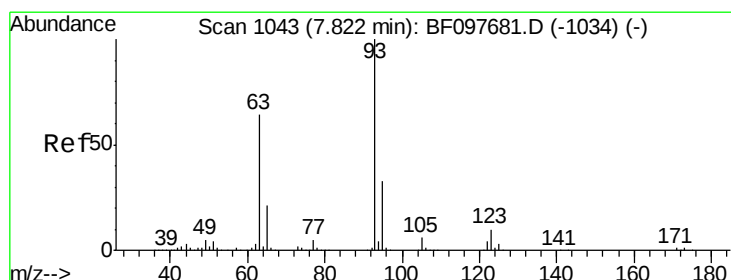
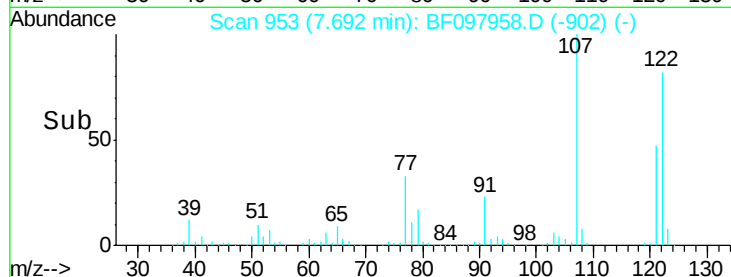
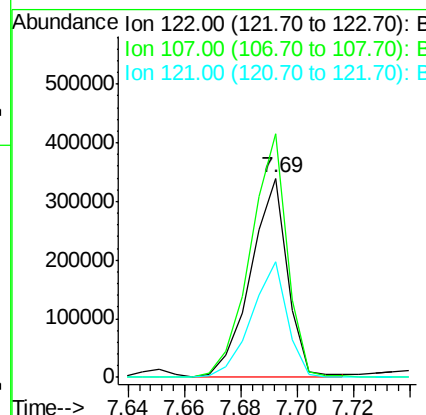
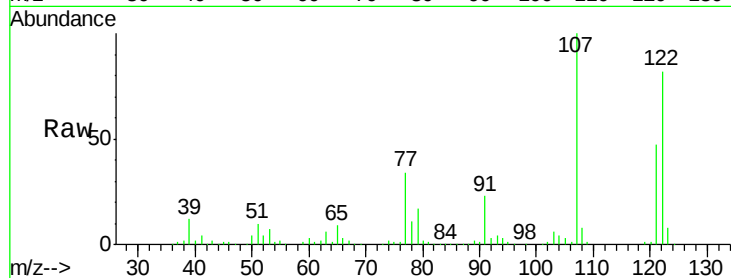
Tot Ion:122 Resp: 307505

Ion Ratio Lower Upper

122 100

107 122.3 89.2 133.8

121 58.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.80 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

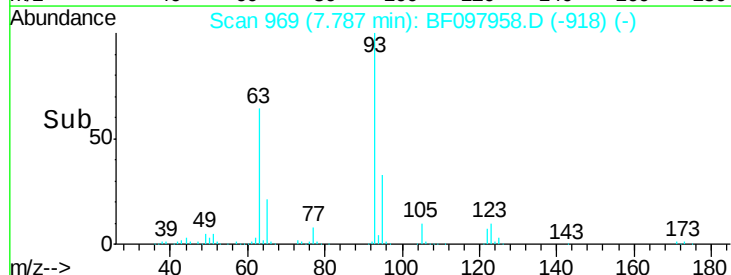
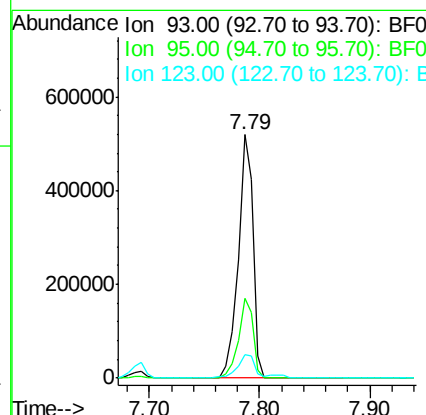
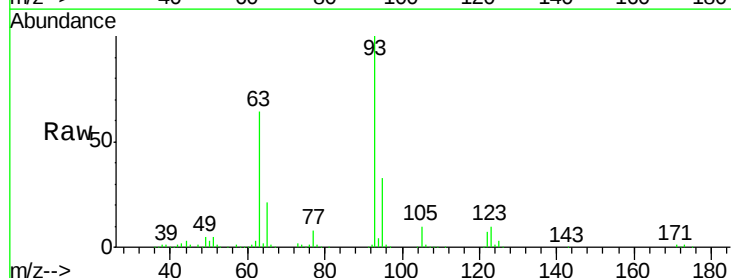
Tgt Ion: 93 Resp: 486176

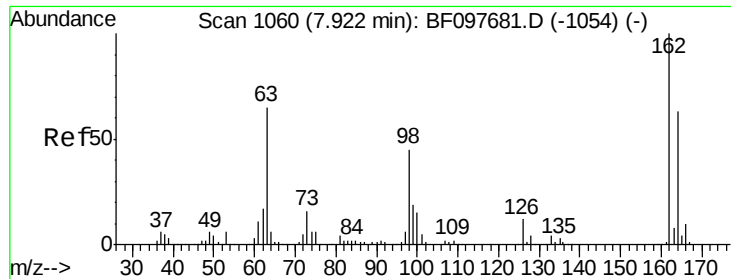
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 9.7 9.0 13.4

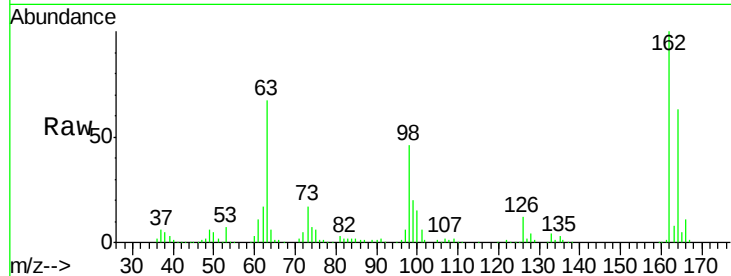




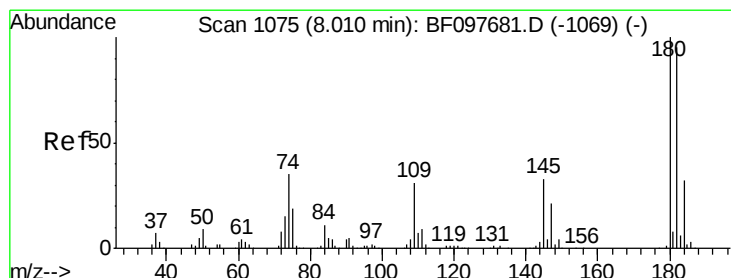
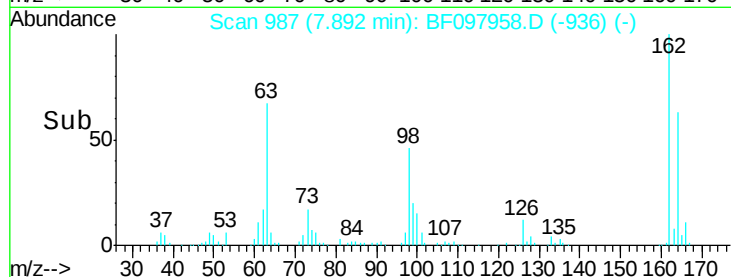
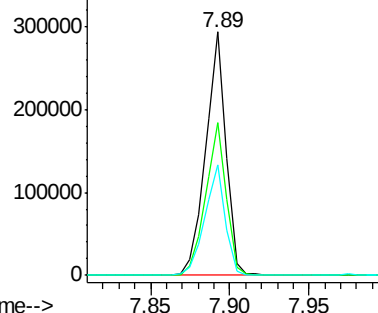
#29
 2,4-Dichlorophenol
 Concen: 40.62 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	45.6	14.8	54.8

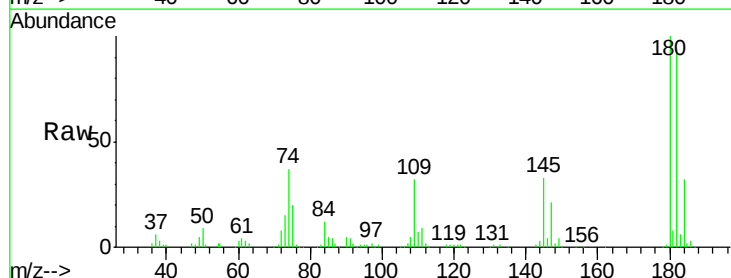


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

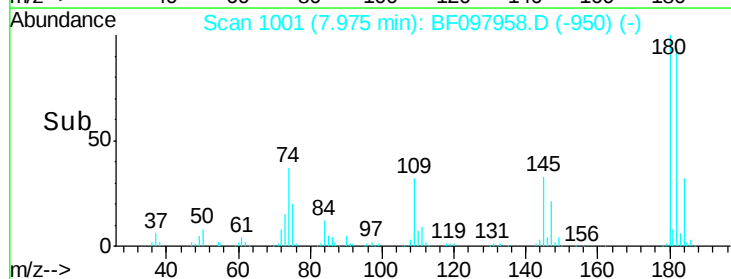
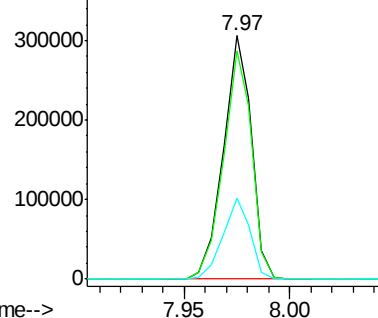


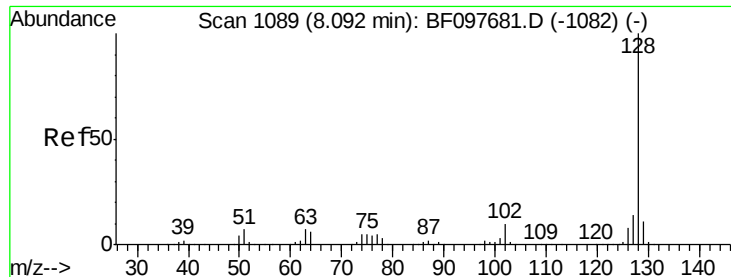
#30
 1,2,4-Trichlorobenzene
 Concen: 39.58 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	33.1	25.3	37.9



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

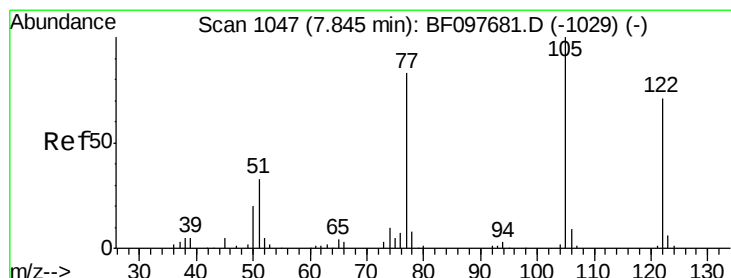
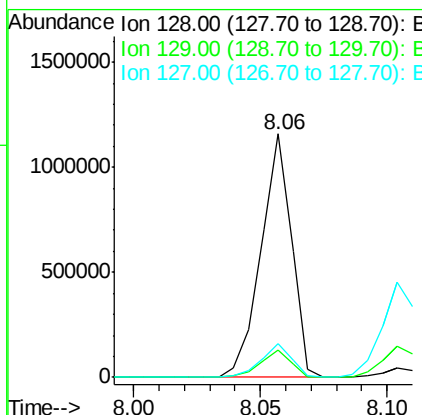
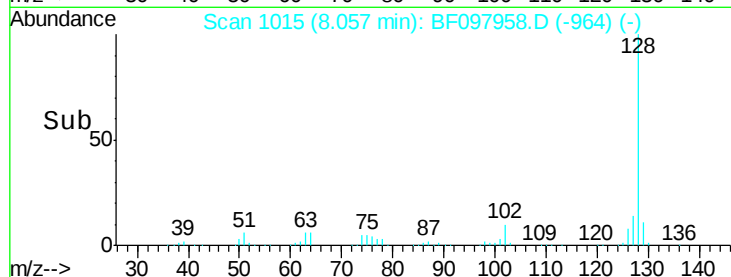
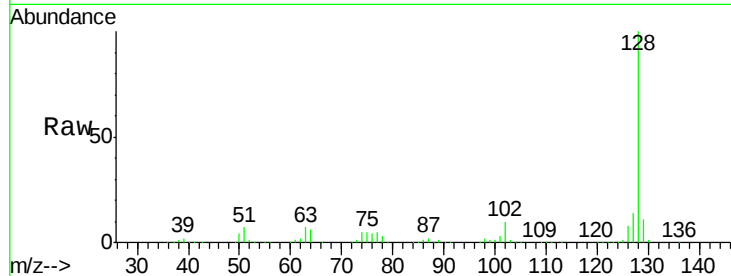




#31
Naphthalene
Concen: 38.87 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

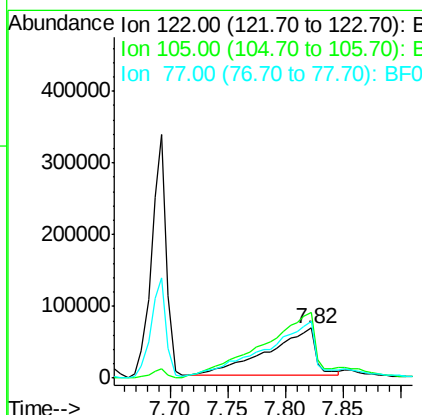
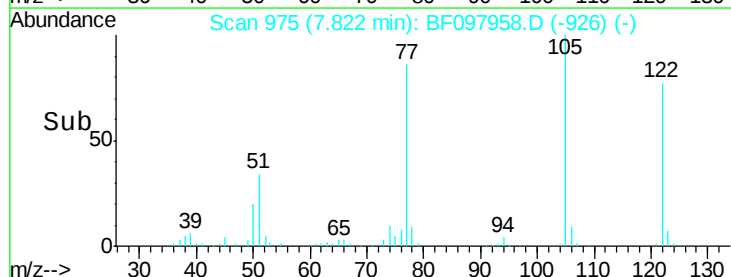
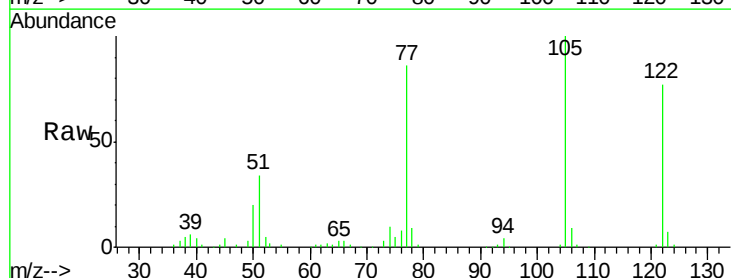
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

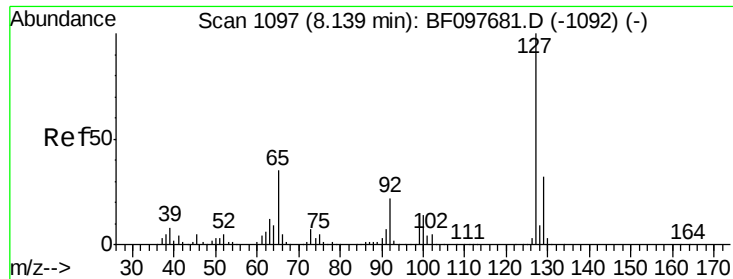
Tot Ion:128 Resp: 979399
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 35.43 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:122 Resp: 189100
Ion Ratio Lower Upper
122 100
105 130.7 103.3 143.3
77 112.8 73.7 113.7

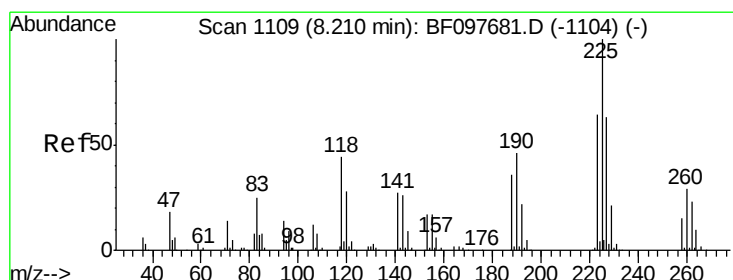
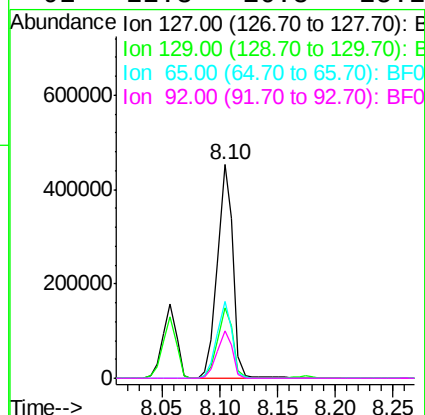
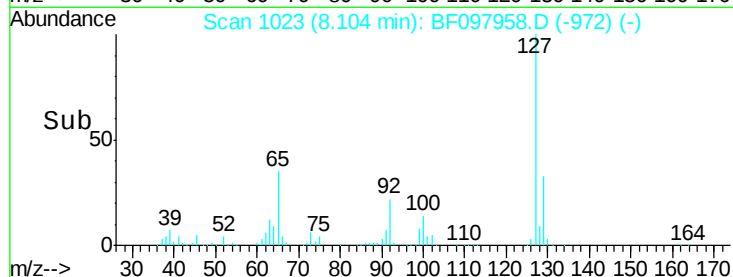
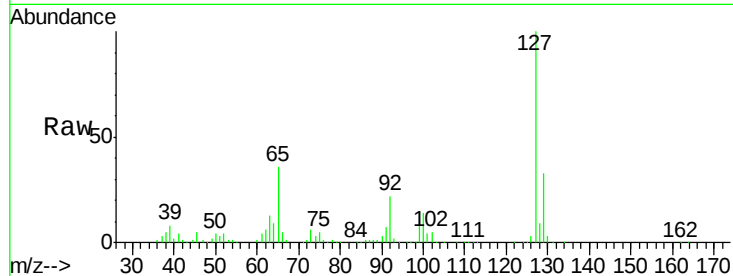




#33
4-Chloroaniline
Concen: 39.95 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

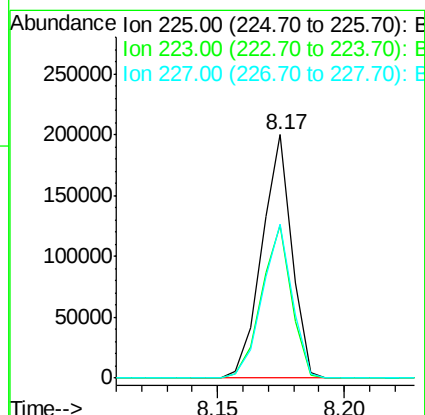
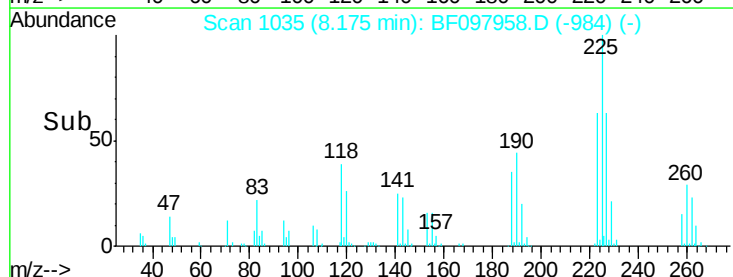
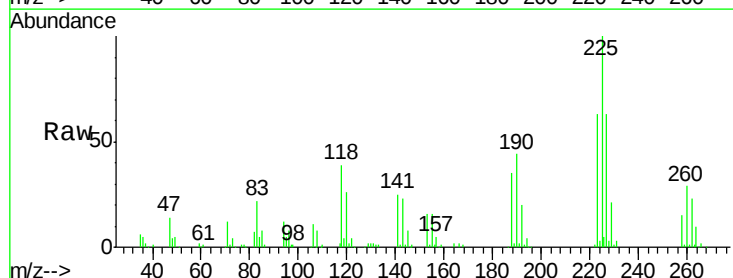
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

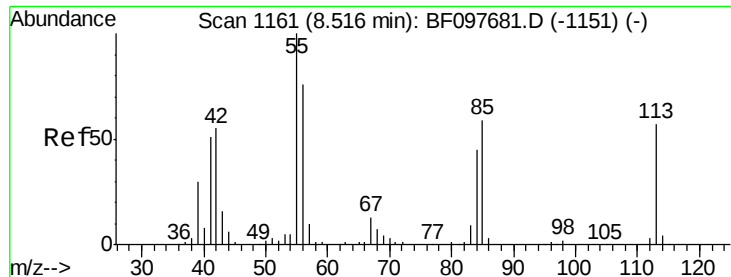
Tot Ion:127 Resp: 424564
Ion Ratio Lower Upper
127 100
129 33.0 26.2 39.2
65 35.9 27.8 41.8
92 22.3 16.8 25.2



#34
Hexachlorobutadiene
Concen: 39.27 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:225 Resp: 163476
Ion Ratio Lower Upper
225 100
223 62.7 48.8 73.2
227 63.3 51.1 76.7





#35

Caprolactam

Concen: 41.85 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

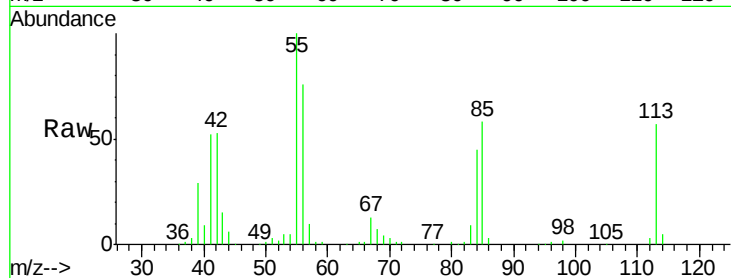
Tot Ion:113 Resp: 91512

Ion Ratio Lower Upper

113 100

55 176.8 150.2 190.2

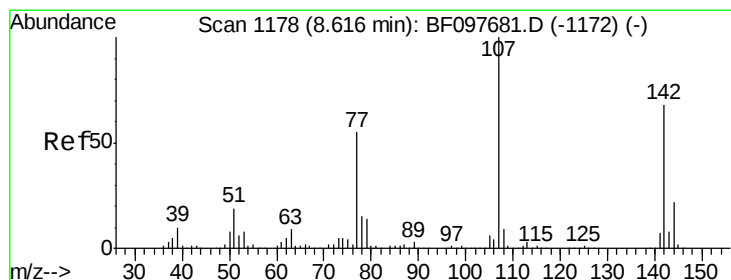
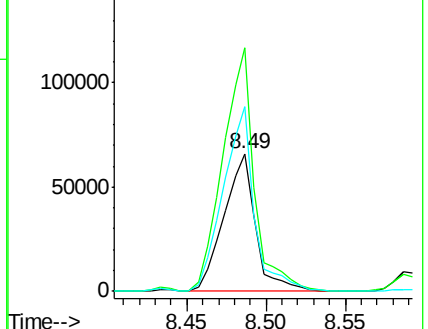
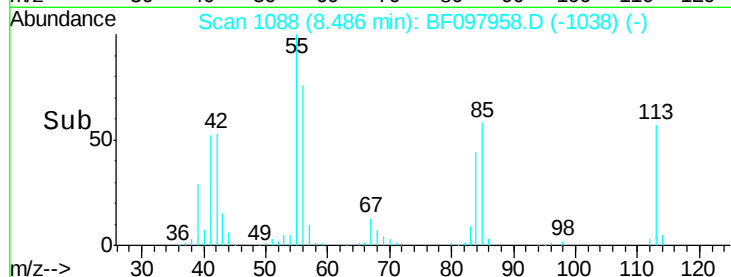
56 134.1 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.69 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

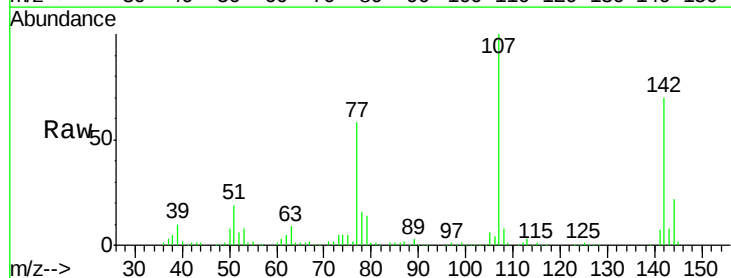
Tgt Ion:107 Resp: 336238

Ion Ratio Lower Upper

107 100

144 21.7 24.2 36.4#

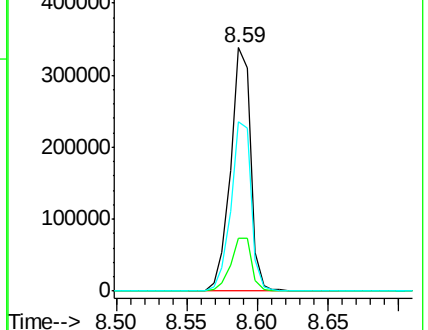
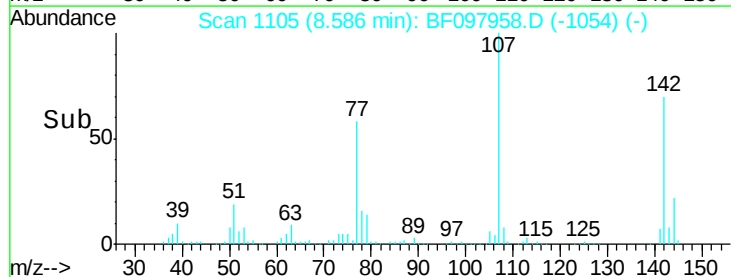
142 69.7 73.4 110.0#

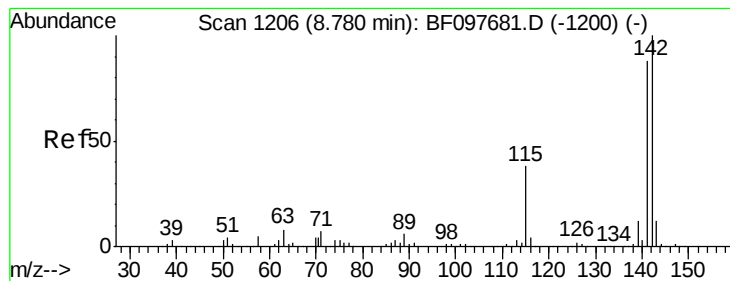


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.87 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

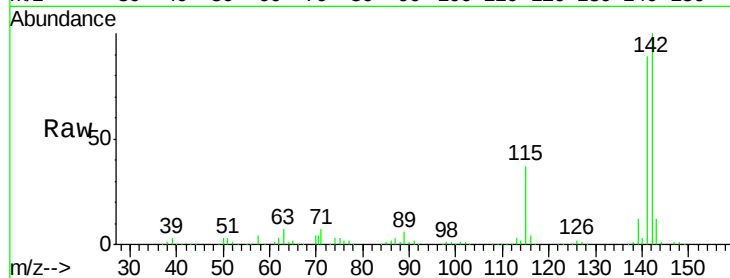
Tot Ion:142 Resp: 615947

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9

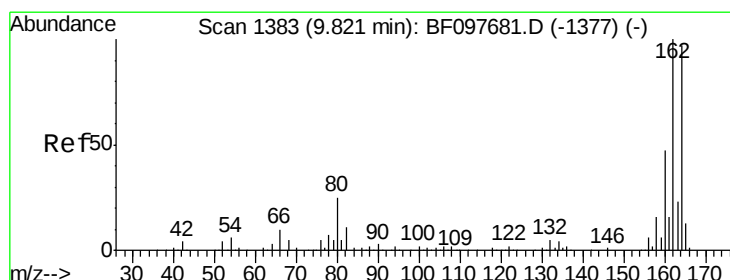
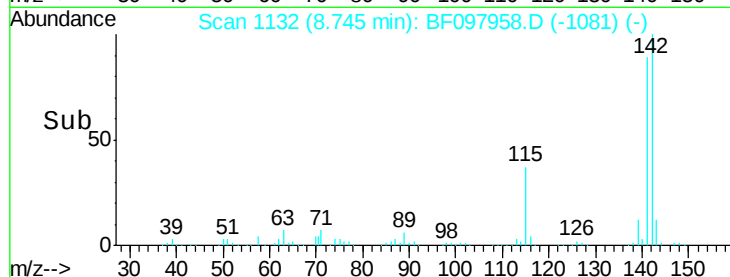
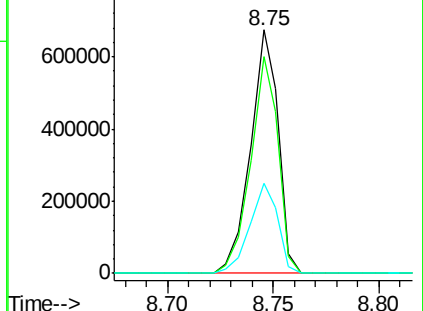
115 37.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

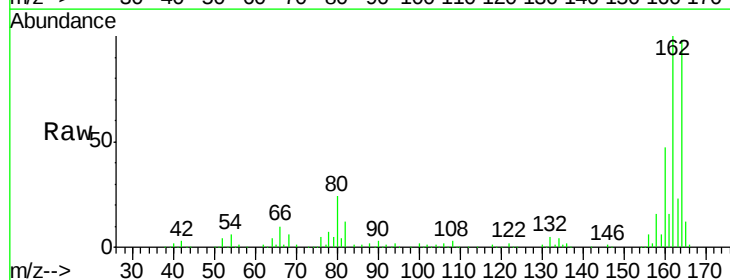
Tgt Ion:164 Resp: 215580

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

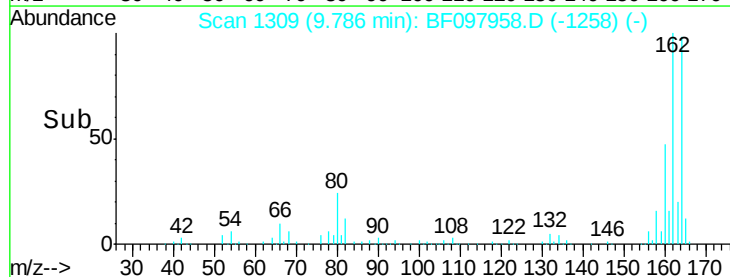
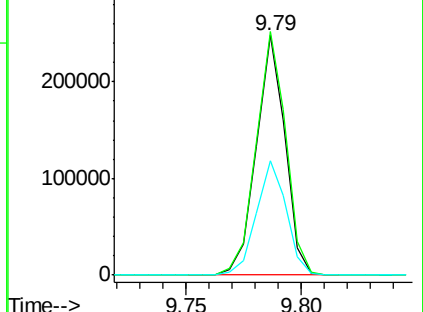
160 48.0 36.2 54.2

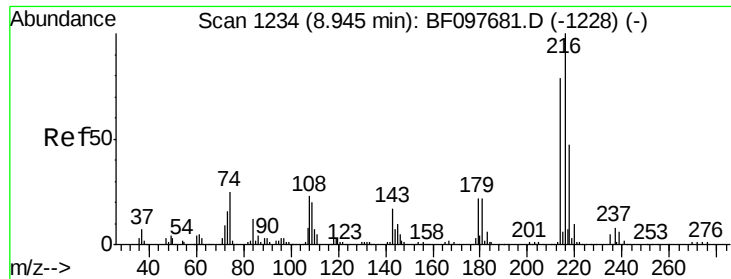


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

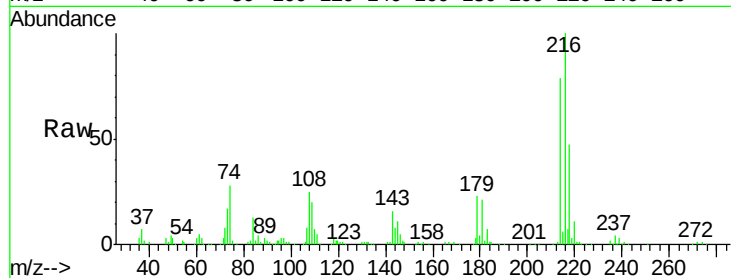




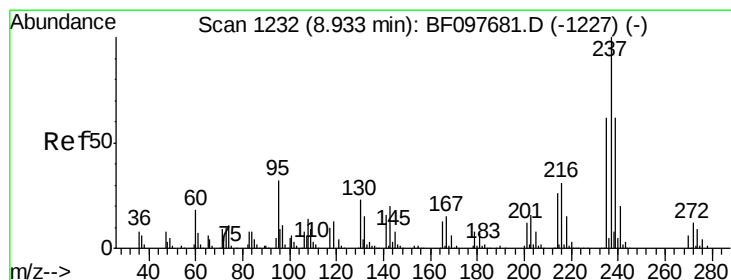
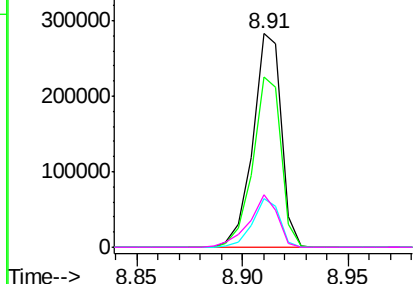
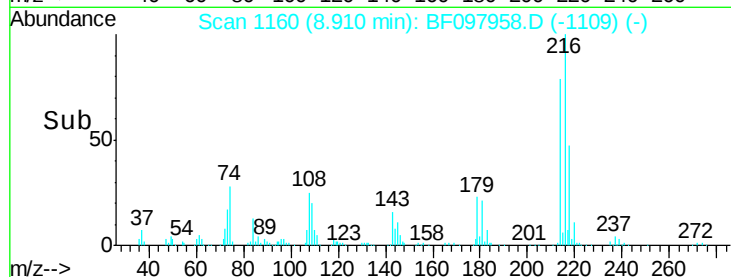
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.04 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	264885
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.4 95.2
179	21.8	17.9 26.9
108	24.6	16.5 24.7

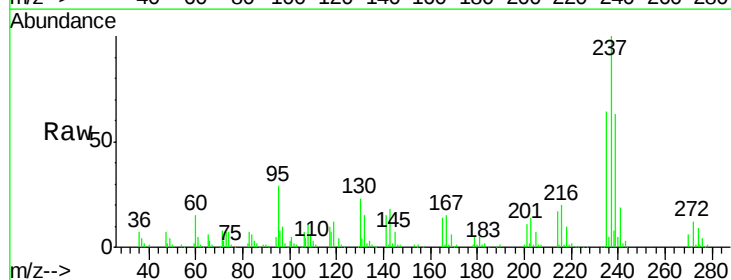


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

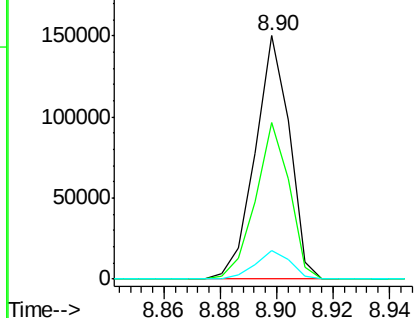
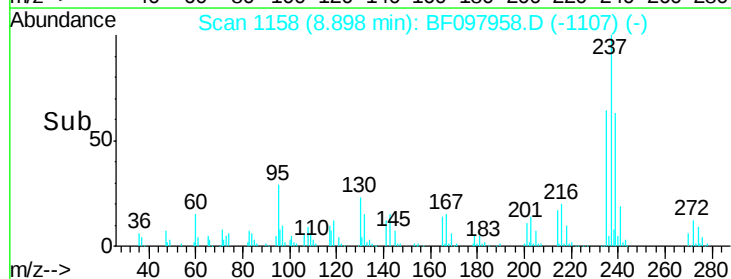


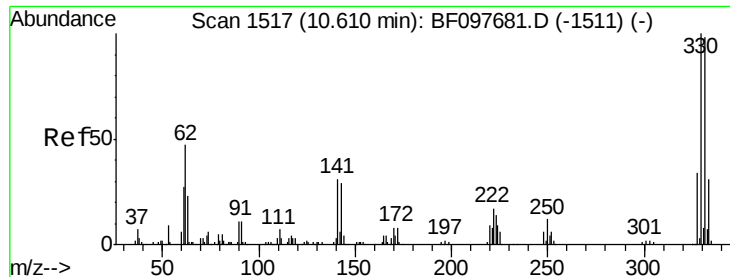
#40
 Hexachlorocyclopentadiene
 Concen: 39.91 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:237	Resp:	126836
Ion Ratio	Lower	Upper
237	100	
235	64.3	42.6 82.6
272	11.6	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

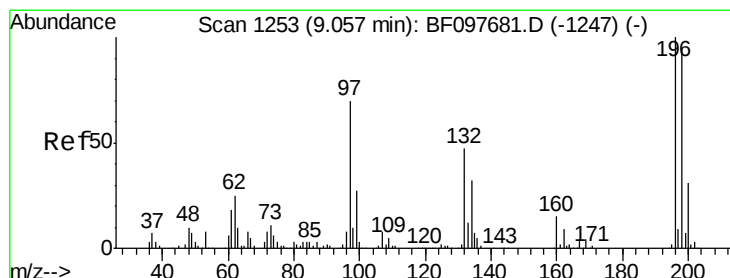
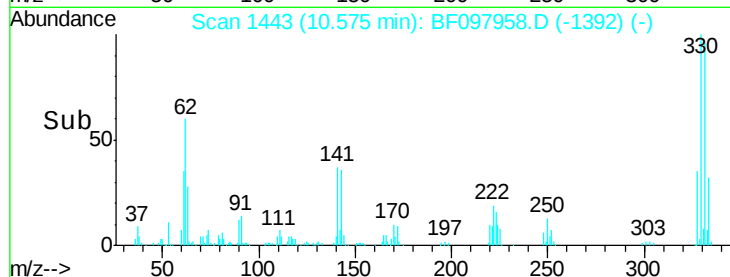
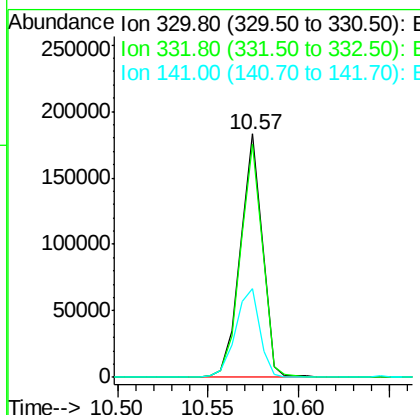
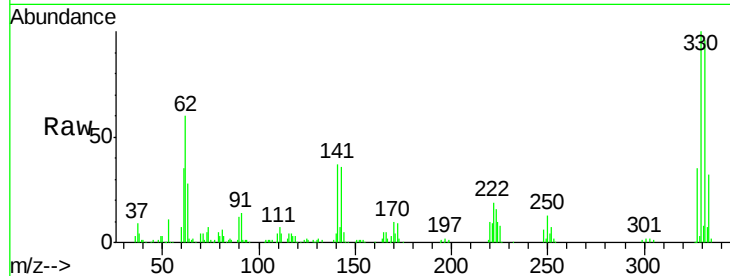




#41
 2,4,6-Tribromophenol
 Concen: 82.58 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

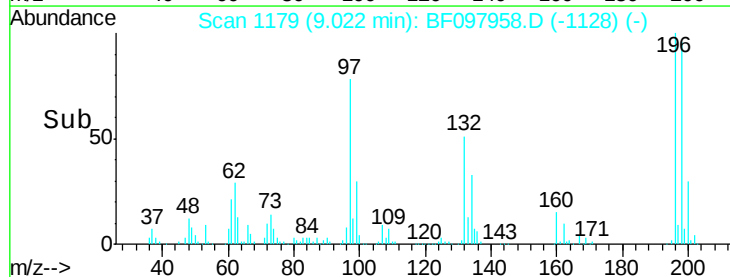
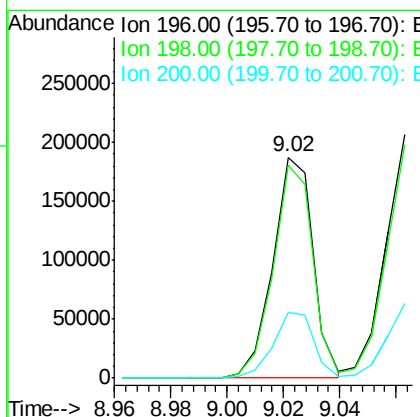
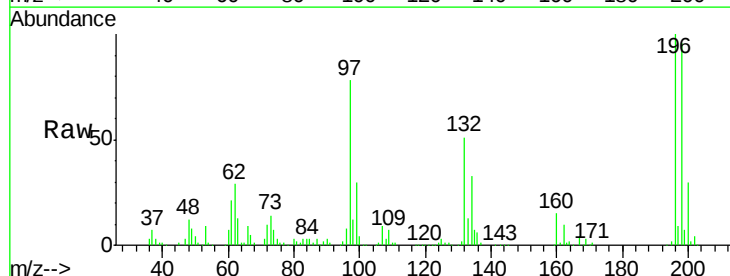
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 154475
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 40.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.50 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:196 Resp: 184334
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.2 111.4
 200 29.9 24.0 36.0

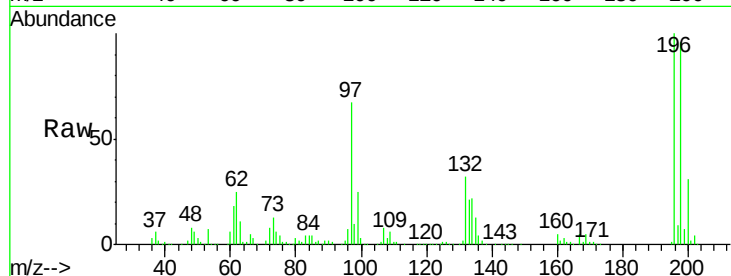




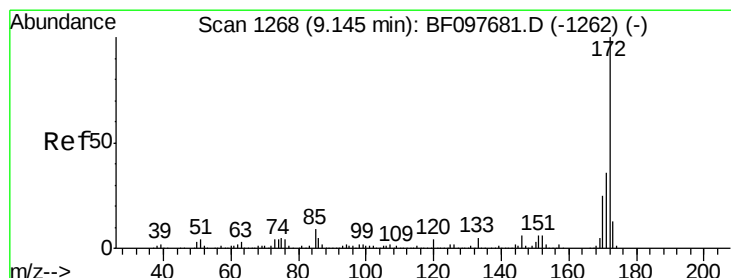
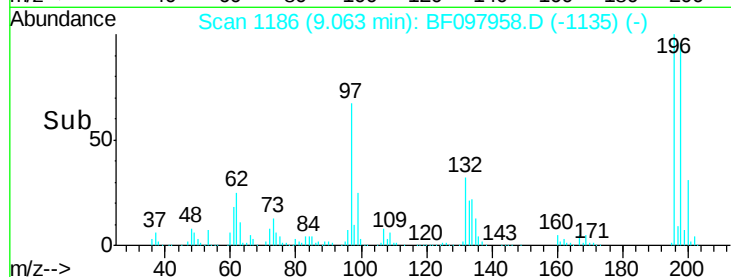
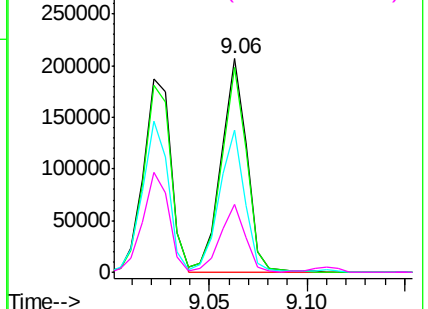
#43
 2,4,5-Trichlorophenol
 Concen: 42.47 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	187146
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	66.6	47.7	71.5
132	31.6	28.0	42.0

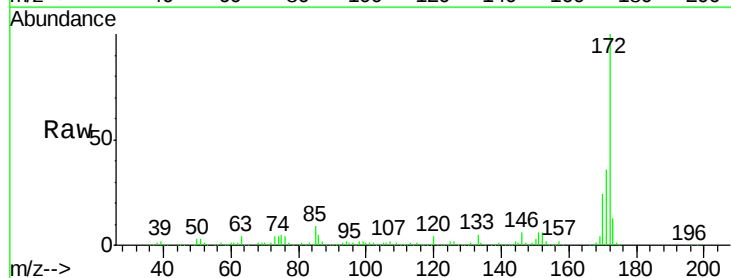


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

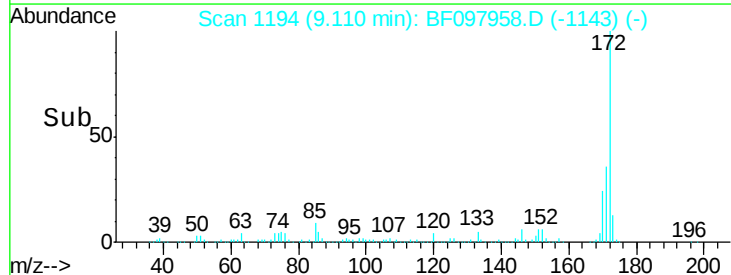
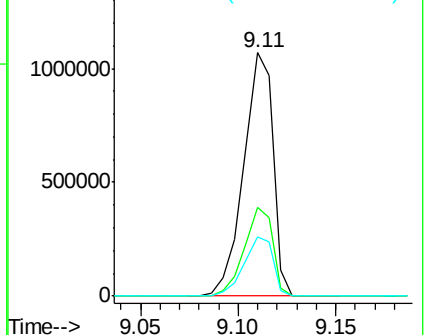


#44
 2-Fluorobiphenyl
 Concen: 75.93 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:	172	Resp:	1114106
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.4	19.8	29.8



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

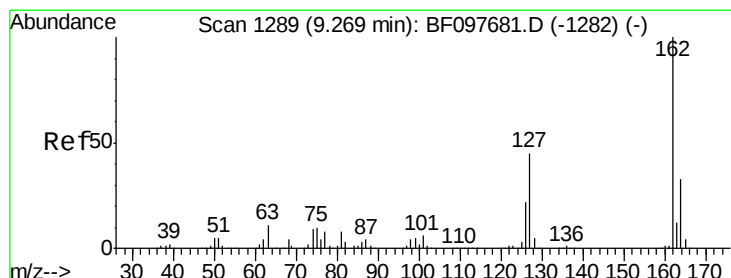
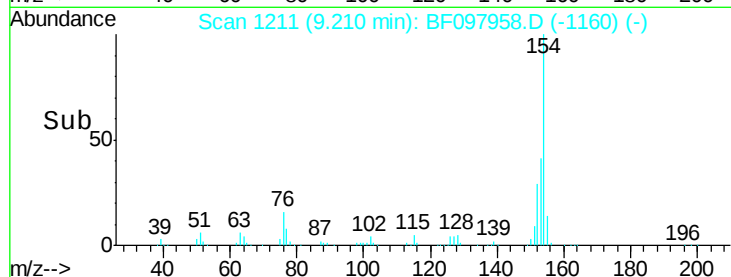
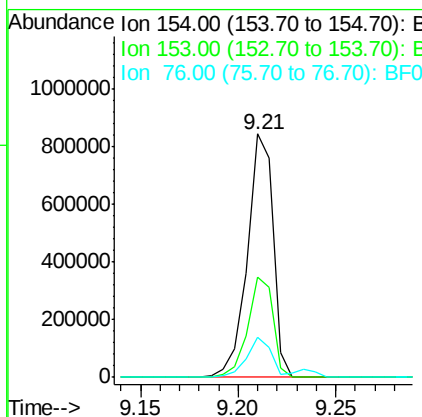
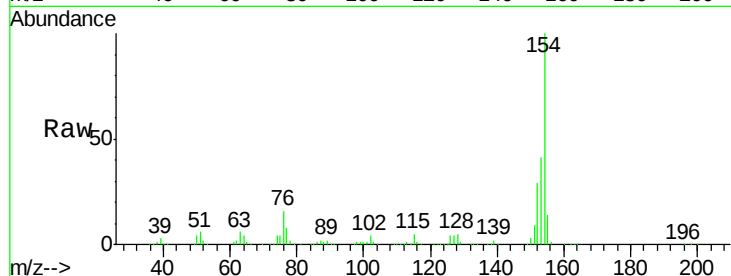




#45
 1,1'-Biphenyl
 Concen: 39.33 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

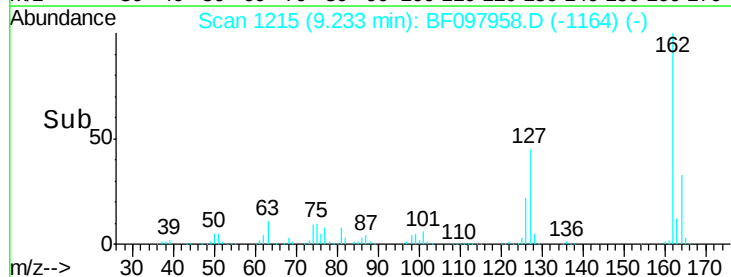
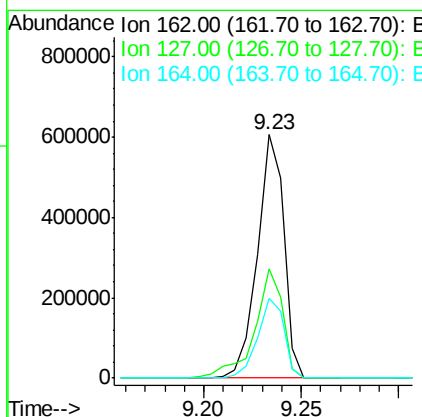
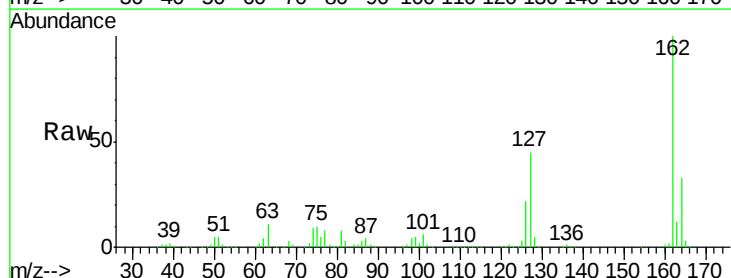
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

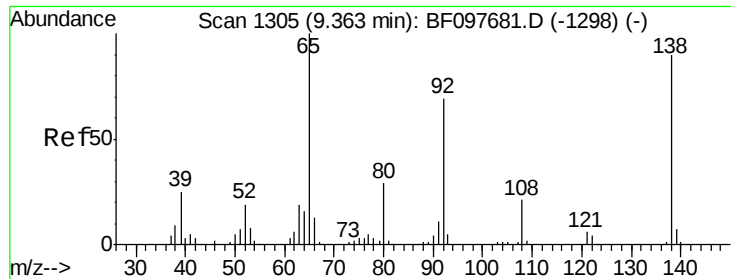
Tot Ion:154 Resp: 773200
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.2 61.2
 76 16.4 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.19 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:162 Resp: 569240
 Ion Ratio Lower Upper
 162 100
 127 45.0 28.3 42.5#
 164 32.8 27.0 40.4

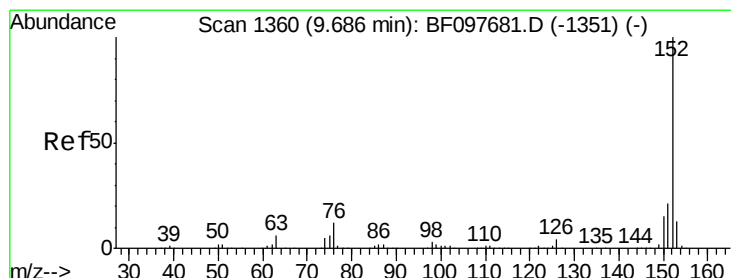
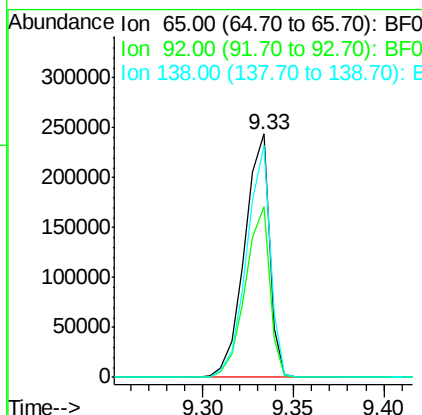
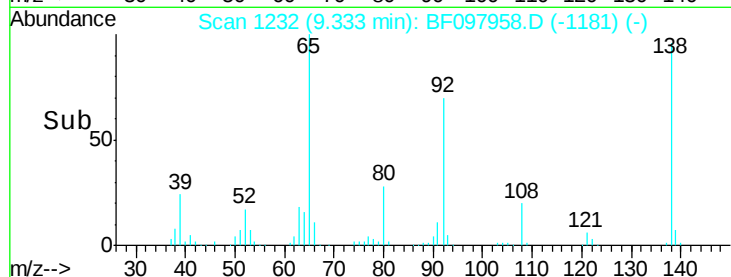
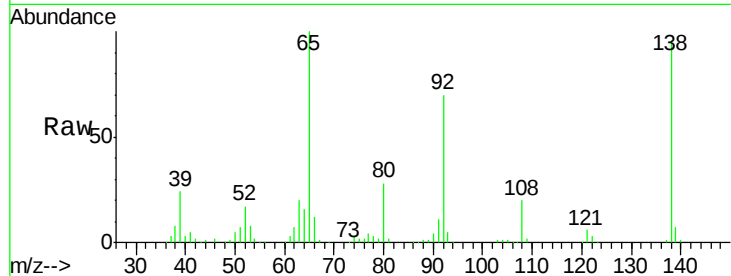




#47
 2-Nitroaniline
 Concen: 47.83 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

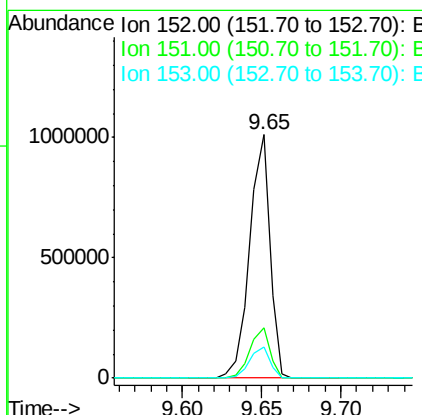
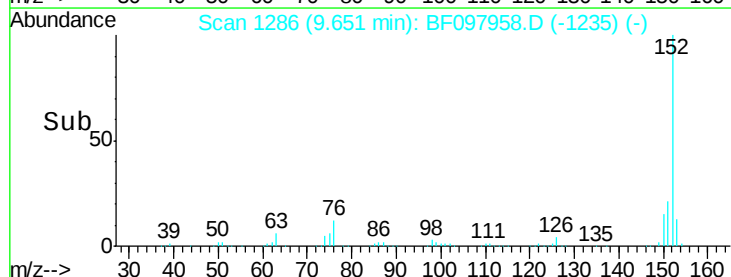
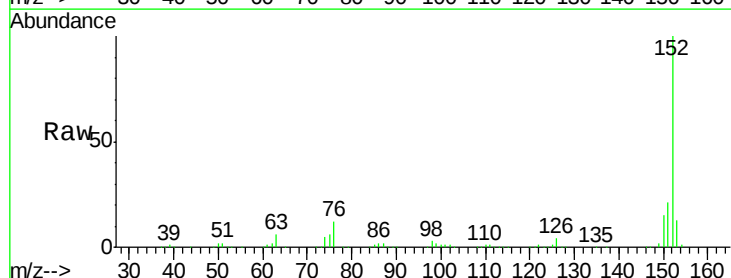
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

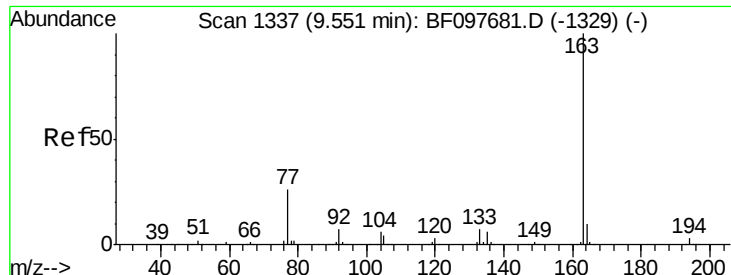
Tot Ion: 65 Resp: 232898
 Ion Ratio Lower Upper
 65 100
 92 69.9 53.9 80.9
 138 95.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.24 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion: 152 Resp: 895046
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 12.9 10.8 16.2

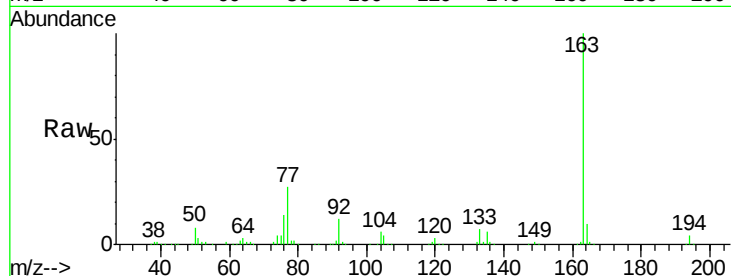




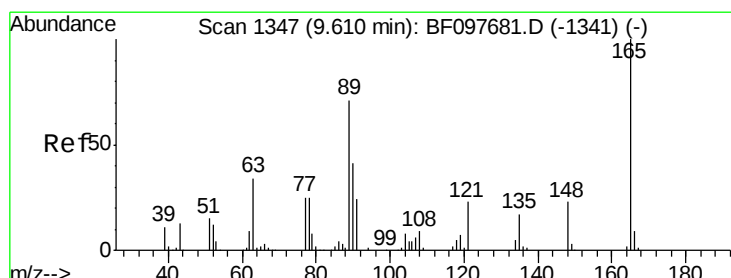
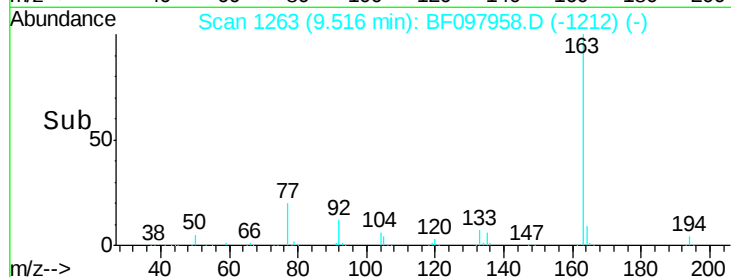
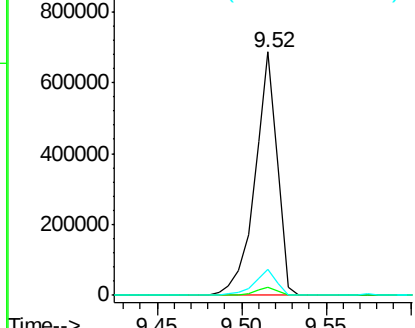
#49
Dimethylphthalate
Concen: 39.96 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 629709
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

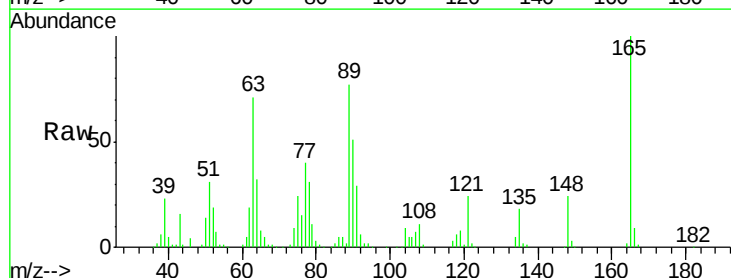


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

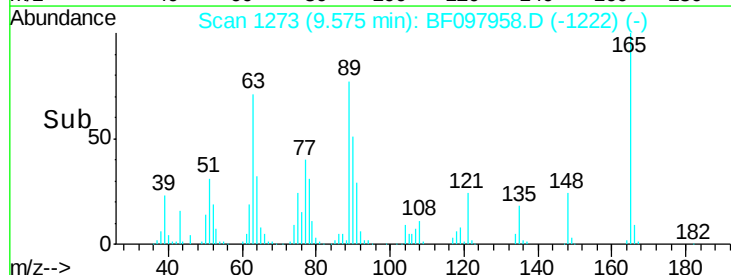
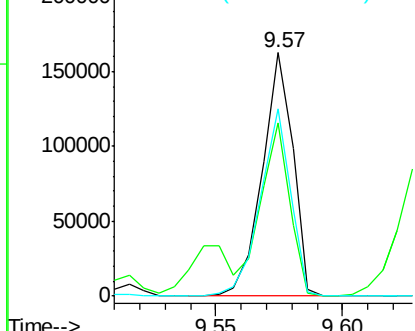


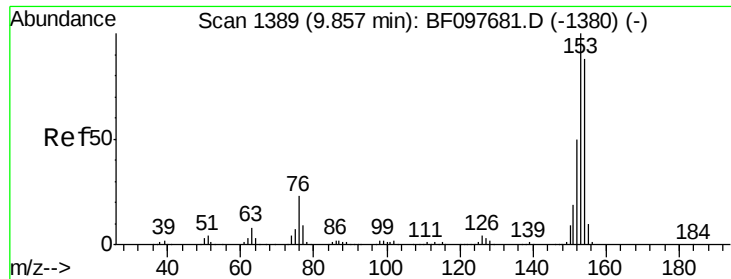
#50
2,6-Dinitrotoluene
Concen: 43.84 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:165 Resp: 137904
Ion Ratio Lower Upper
165 100
63 71.3 34.3 51.5#
89 77.0 37.1 55.7#



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





#51

Acenaphthene

Concen: 37.77 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

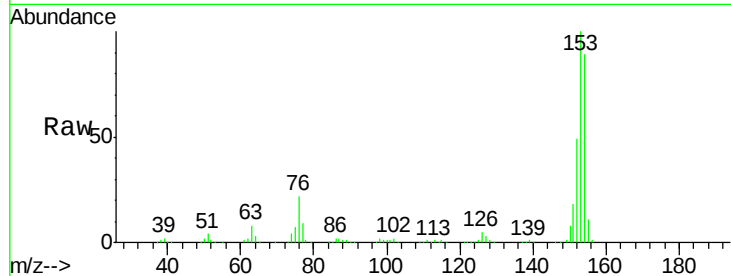
Tot Ion:154 Resp: 543297

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

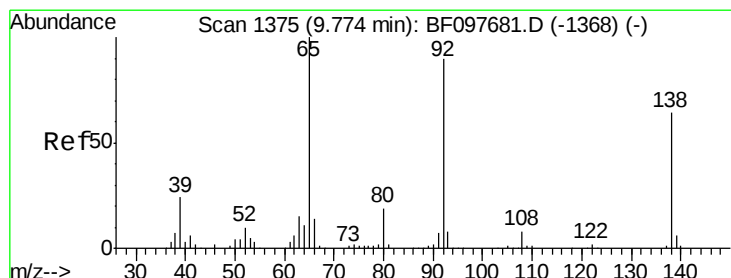
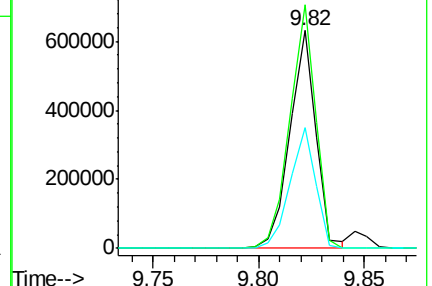
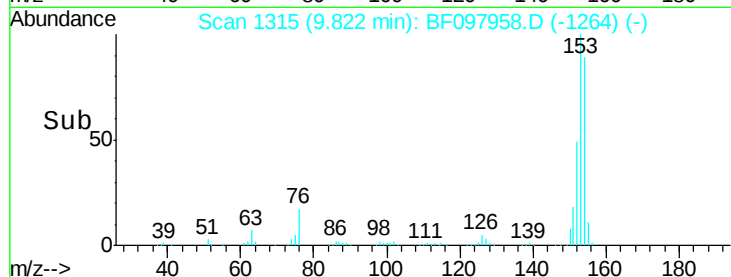
152 55.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.35 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

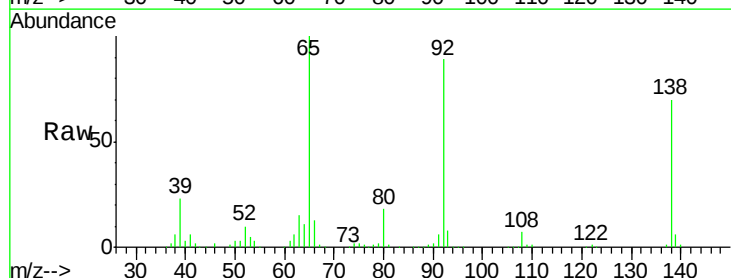
Tgt Ion:138 Resp: 179966

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

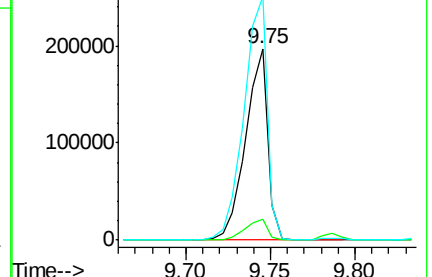
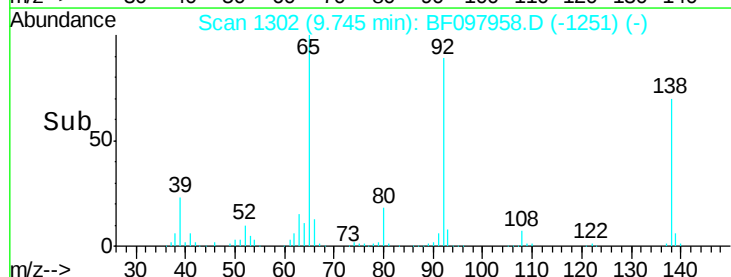
92 127.0 93.8 140.6

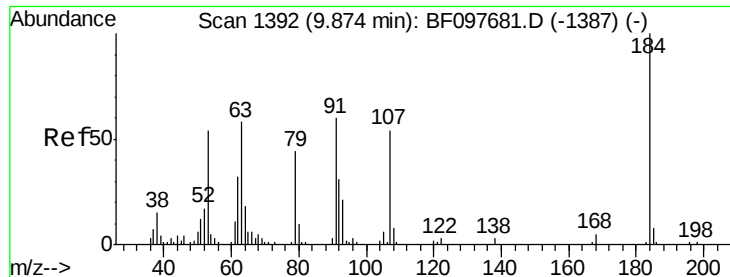


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

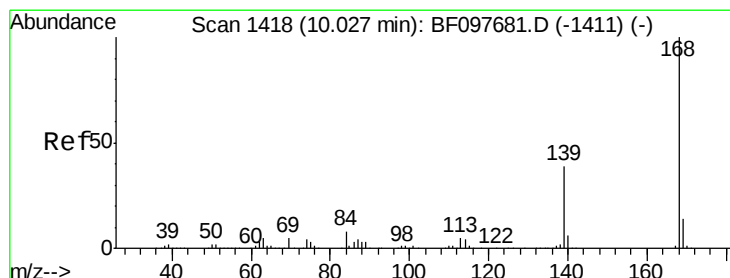
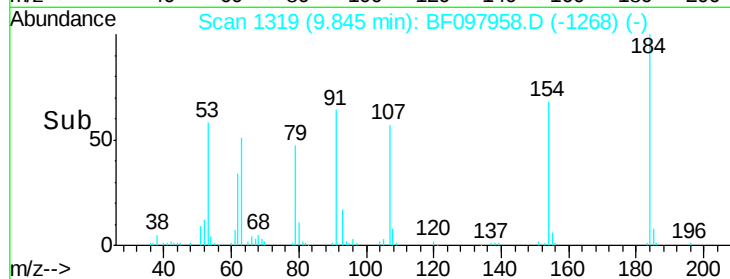
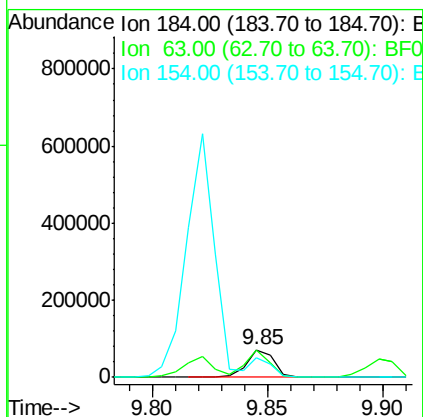
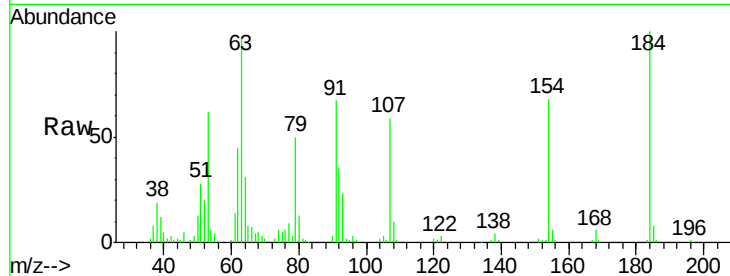




#53
 2,4-Dinitrophenol
 Concen: 45.87 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

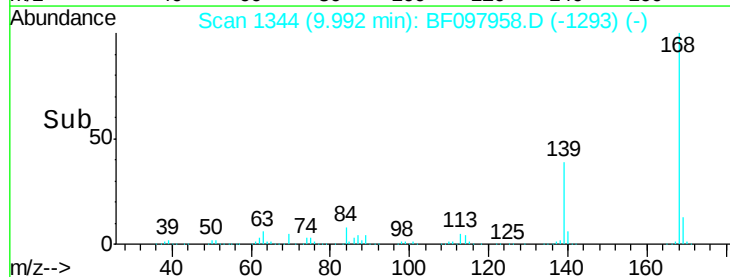
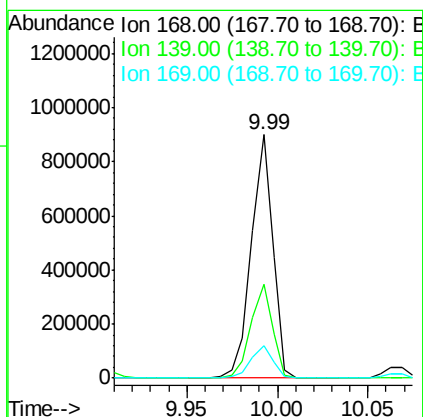
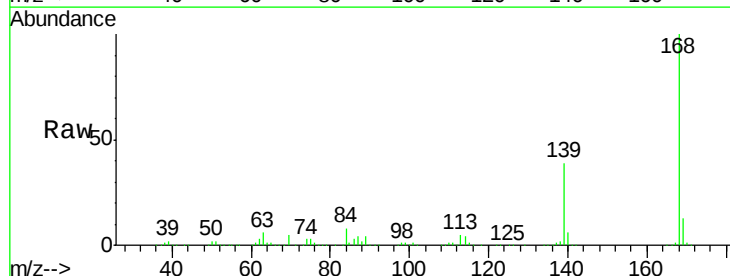
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

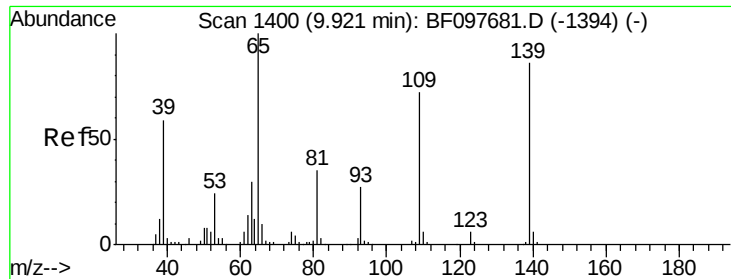
Tot Ion:184 Resp: 61228
 Ion Ratio Lower Upper
 184 100
 63 97.0 62.7 94.1#
 154 68.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.66 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:168 Resp: 745391
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.1 10.8 16.2

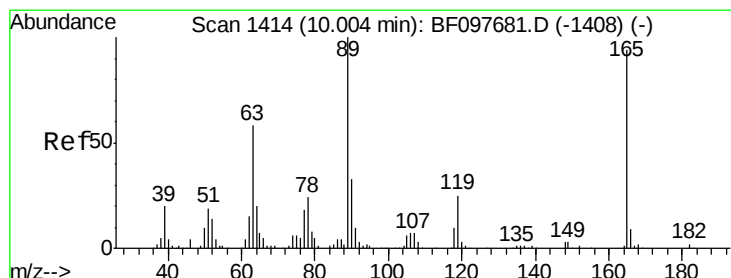
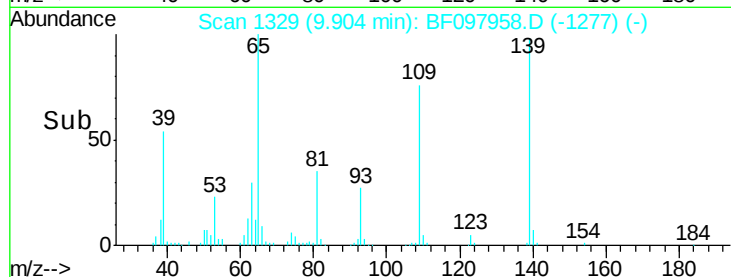
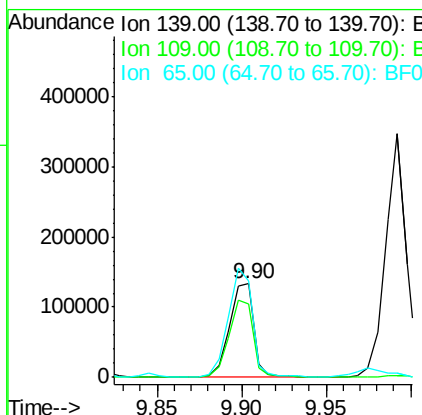
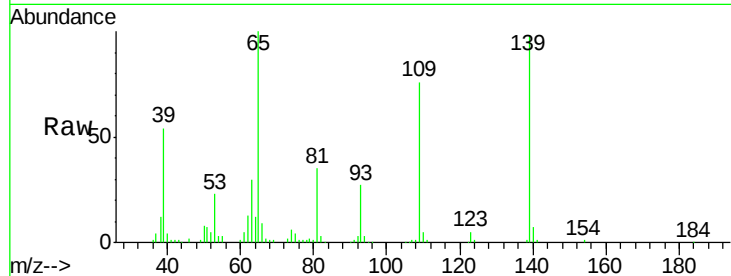




#55
4-Nitrophenol
Concen: 41.51 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

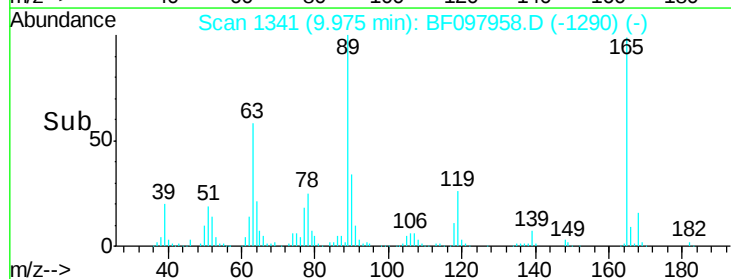
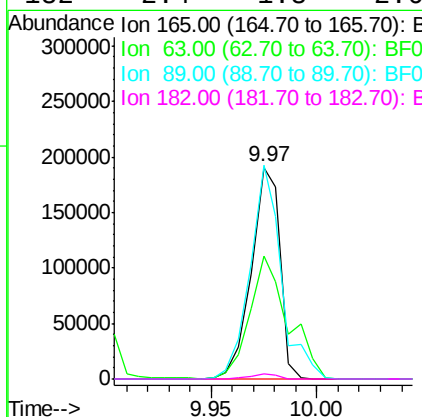
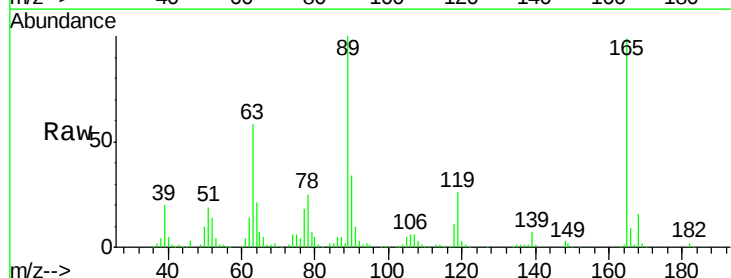
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

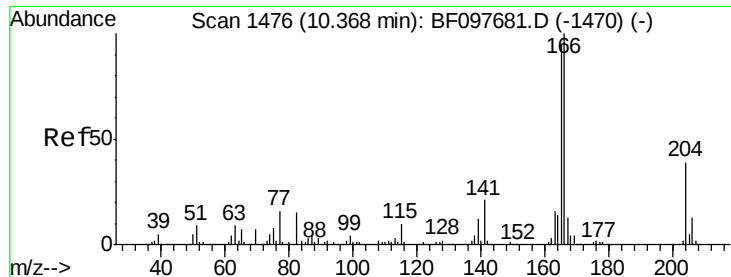
Tot Ion:139 Resp: 134367
Ion Ratio Lower Upper
139 100
109 77.8 34.1 74.1#
65 102.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.55 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:165 Resp: 179803
Ion Ratio Lower Upper
165 100
63 58.2 25.4 38.0#
89 101.1 46.4 69.6#
182 2.4 1.8 2.6

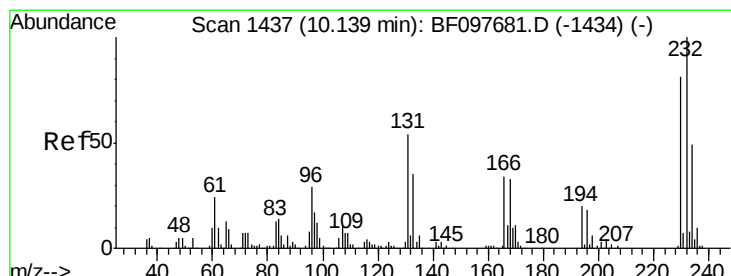
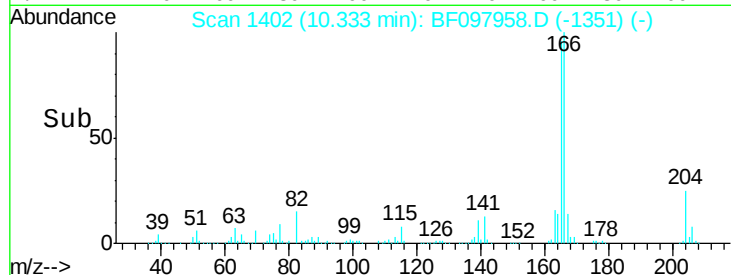
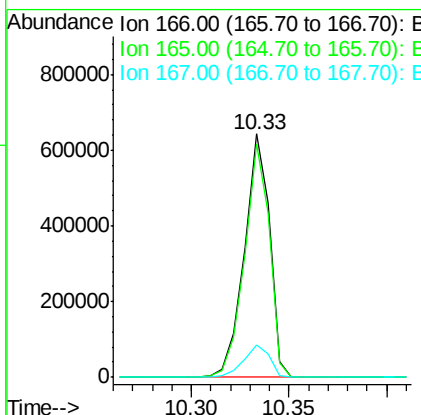
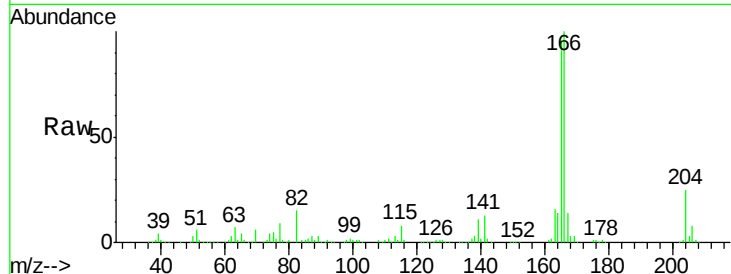




#57
Fluorene
 Concen: 38.65 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

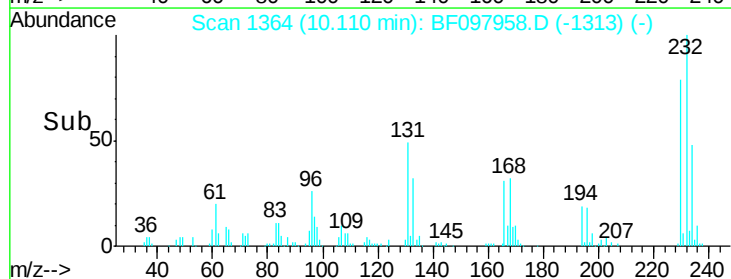
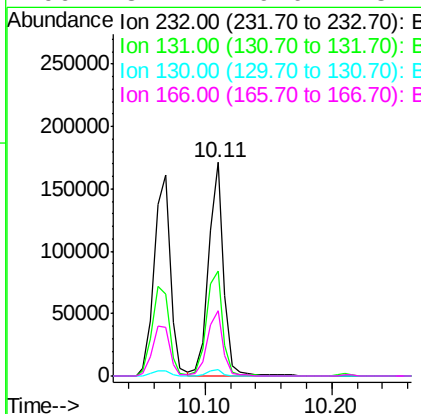
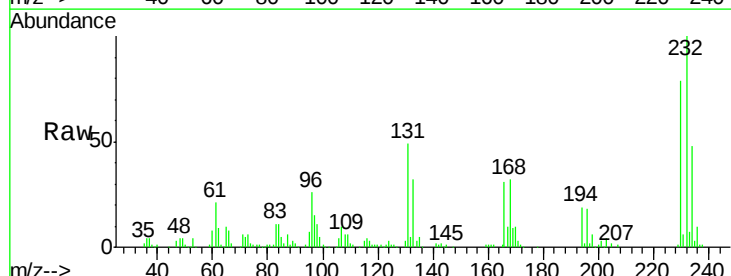
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

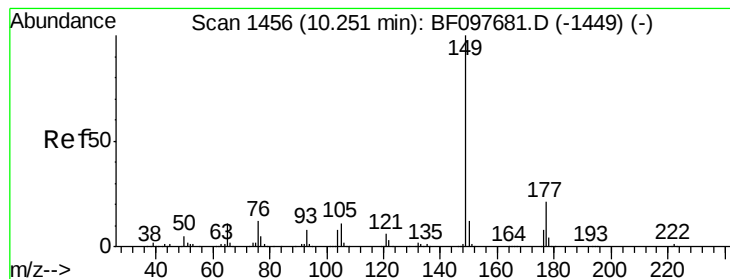
Tot Ion:166 Resp: 576183
 Ion Ratio Lower Upper
 166 100
 165 95.6 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.94 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:232 Resp: 143095
 Ion Ratio Lower Upper
 232 100
 131 53.3 44.8 67.2
 130 2.8 2.3 3.5
 166 31.4 29.0 43.4





#59

Diethylphthalate

Concen: 39.25 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

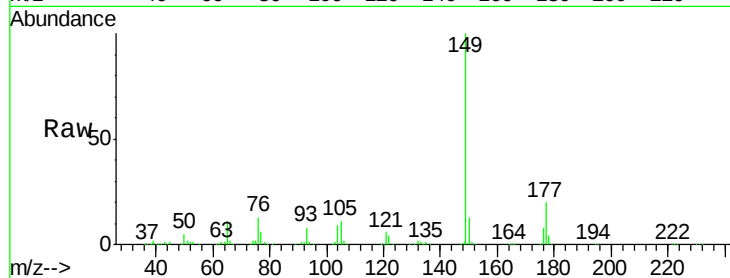
Tot Ion:149 Resp: 646831

Ion Ratio Lower Upper

149 100

177 19.7 16.7 25.1

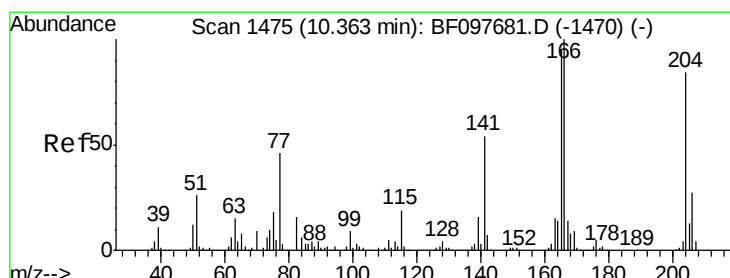
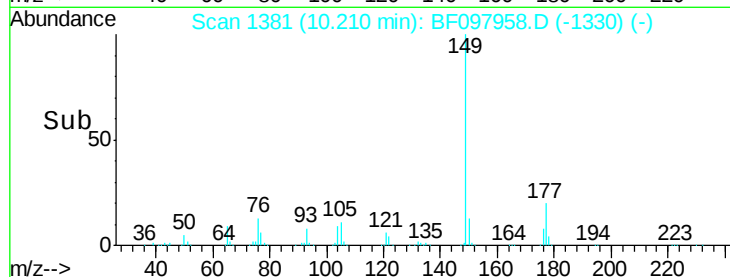
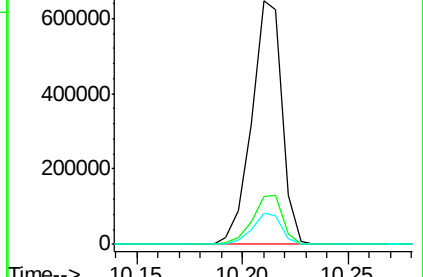
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.15 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

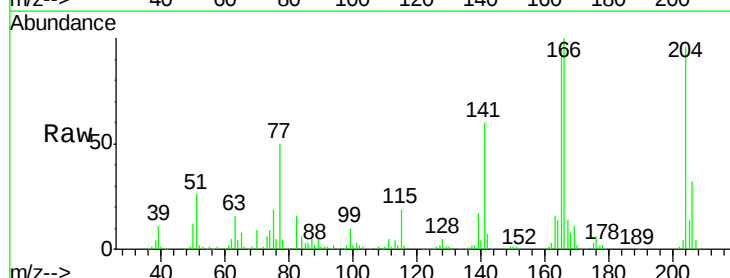
Tgt Ion:204 Resp: 271151

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

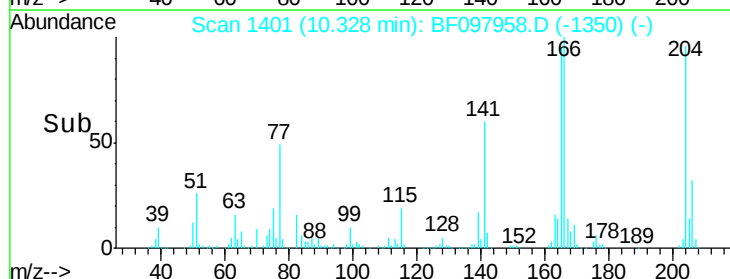
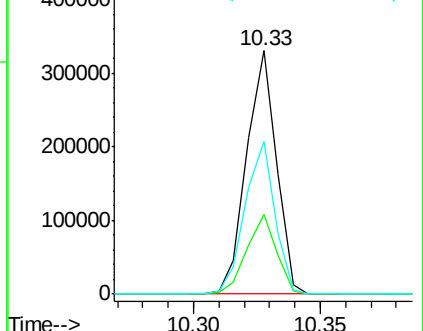
141 62.6 60.8 91.2

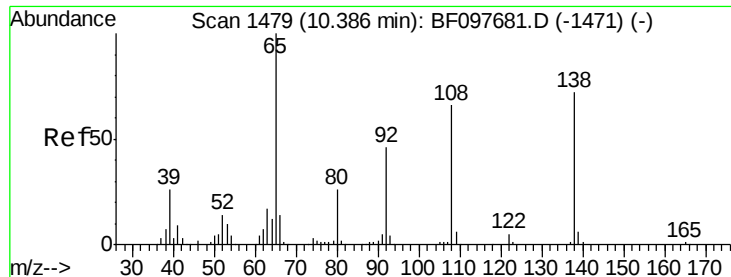


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

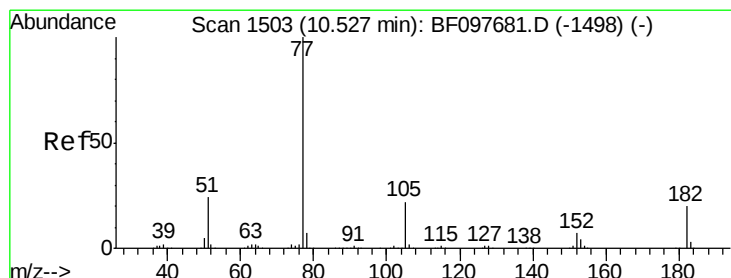
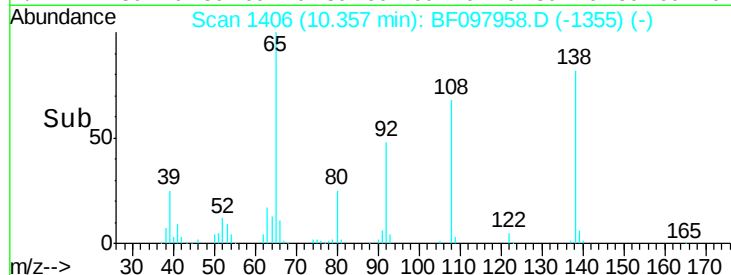
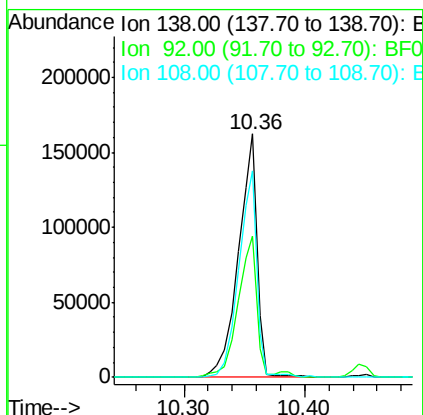
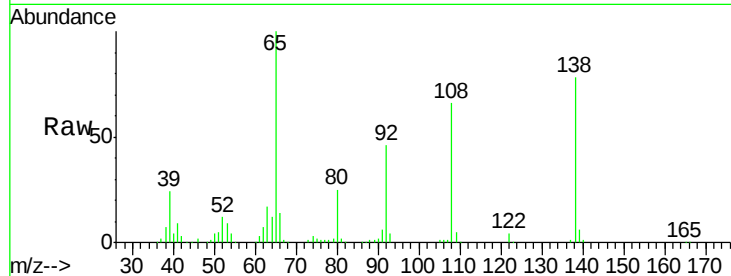




#61
4-Nitroaniline
Concen: 45.60 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

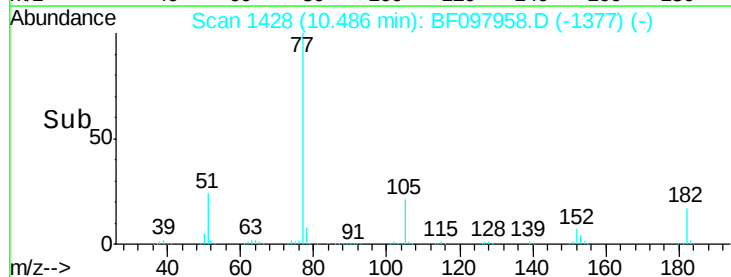
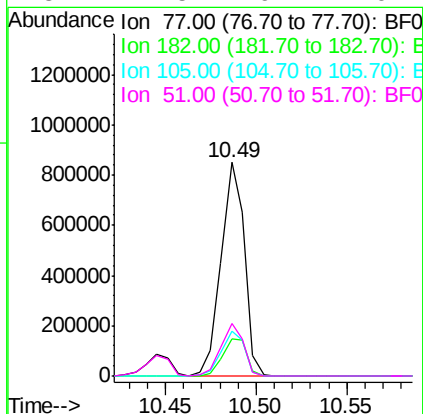
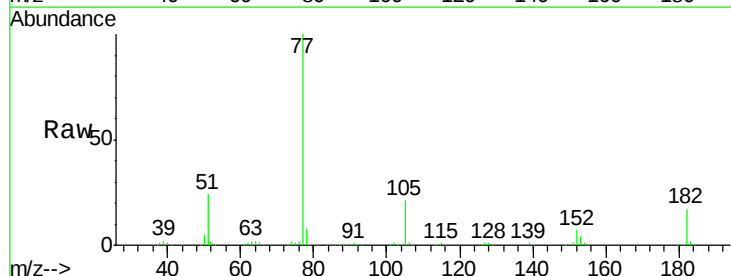
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

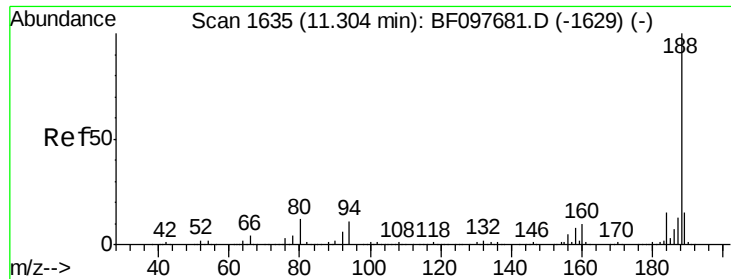
Tot Ion:138 Resp: 175899
Ion Ratio Lower Upper
138 100
92 58.2 21.8 61.8
108 84.6 42.3 82.3#



#62
Azobenzene
Concen: 38.91 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion: 77 Resp: 761554
Ion Ratio Lower Upper
77 100
182 17.2 0.1 40.1
105 21.2 3.6 43.6
51 24.5 9.4 49.4

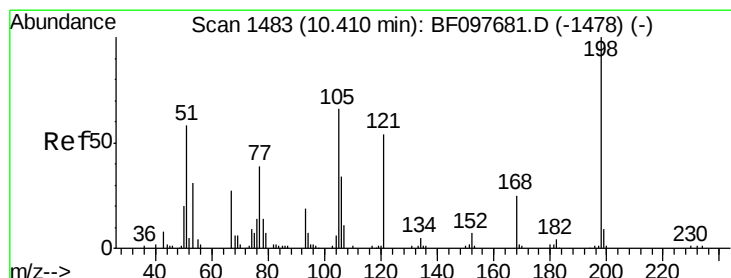
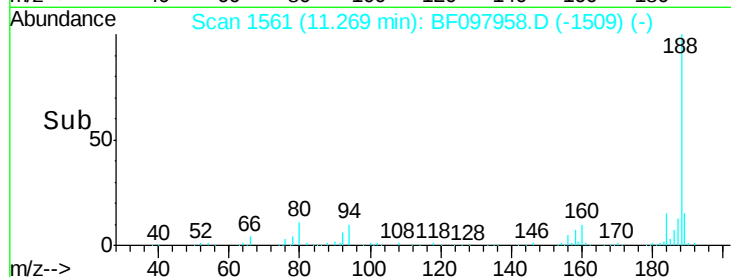
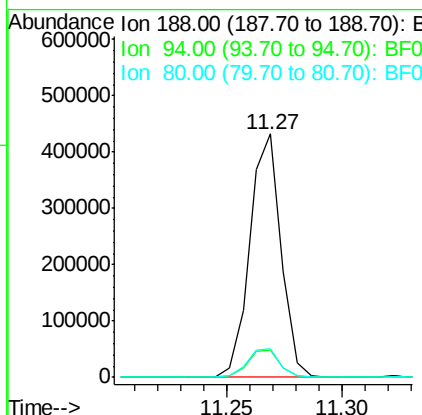
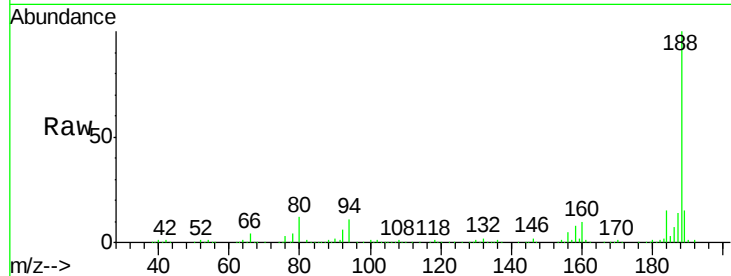




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

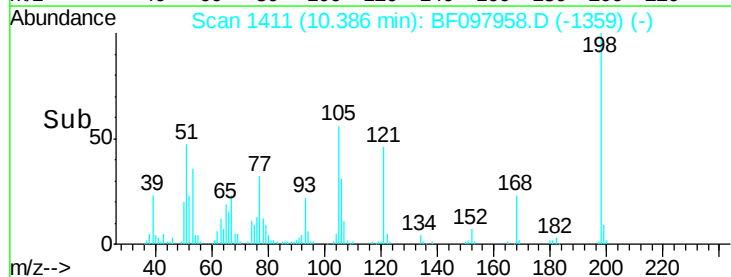
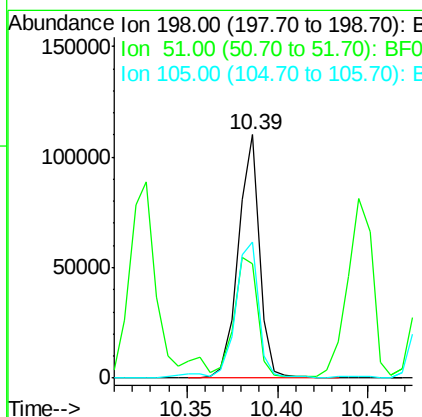
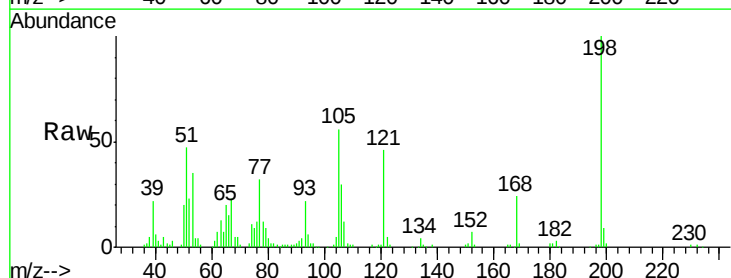
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

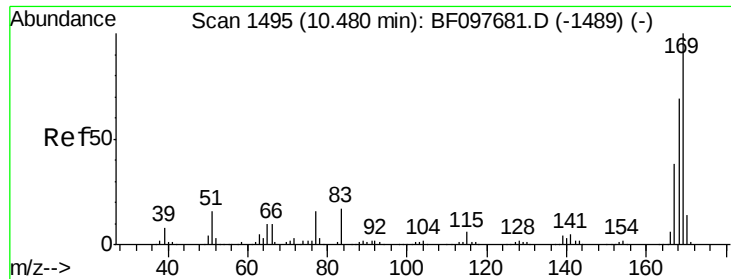
Tot Ion:188 Resp: 407878
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 46.92 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:198 Resp: 89736
Ion Ratio Lower Upper
198 100
51 47.2 53.2 93.2#
105 55.8 45.8 85.8

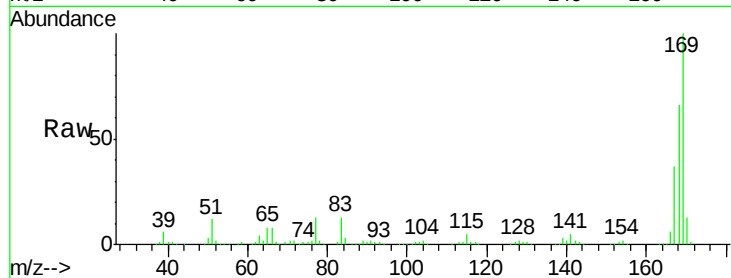




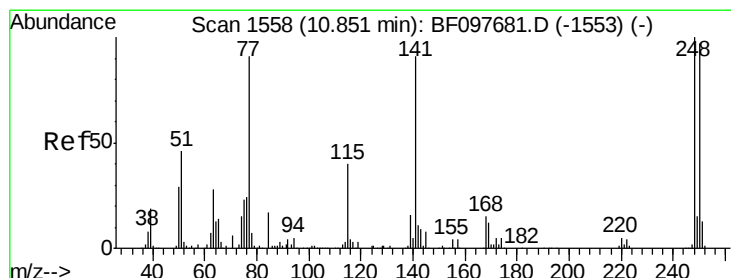
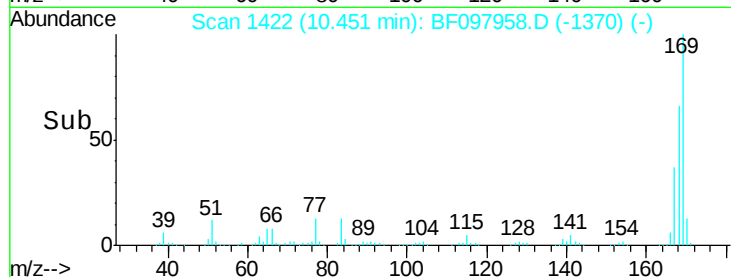
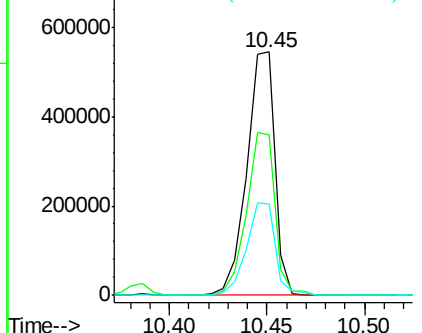
#65
 n-Nitrosodiphenylamine
 Concen: 39.11 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 543260
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.2 79.8
 167 37.3 29.5 44.3

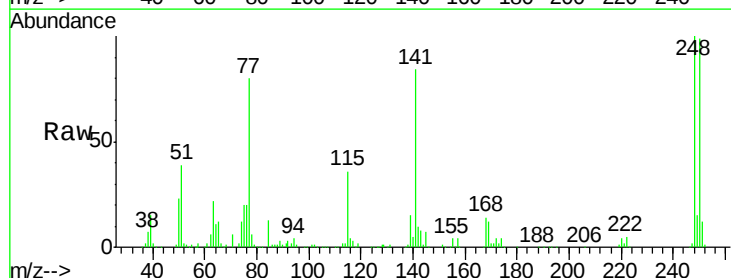


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

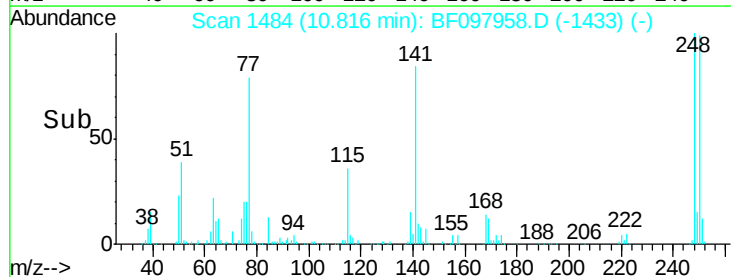
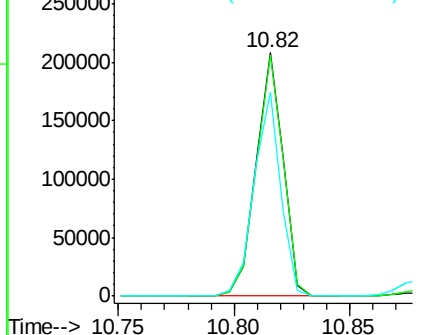


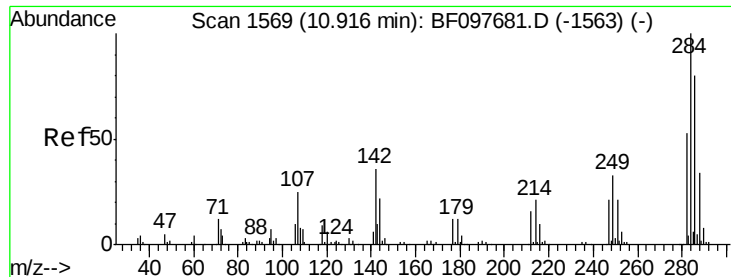
#66
 4-Bromophenyl-phenylether
 Concen: 40.05 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:248 Resp: 169655
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 83.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

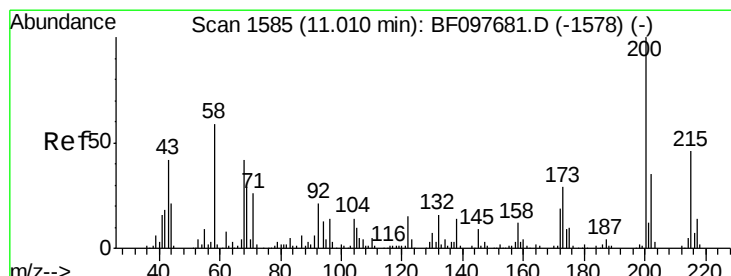
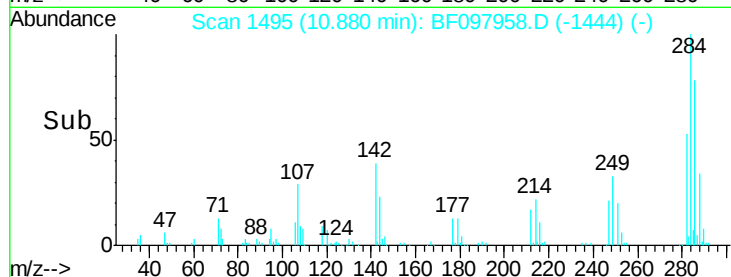
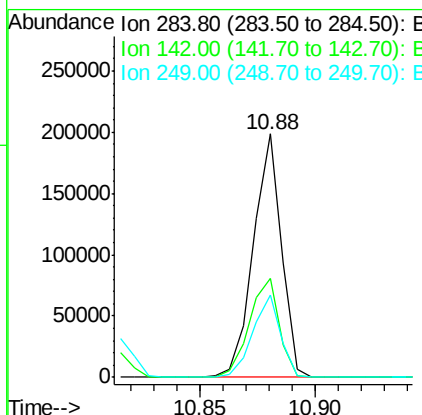
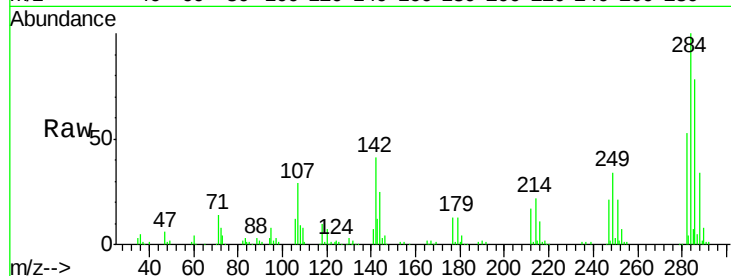




#67
Hexachlorobenzene
Concen: 39.10 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

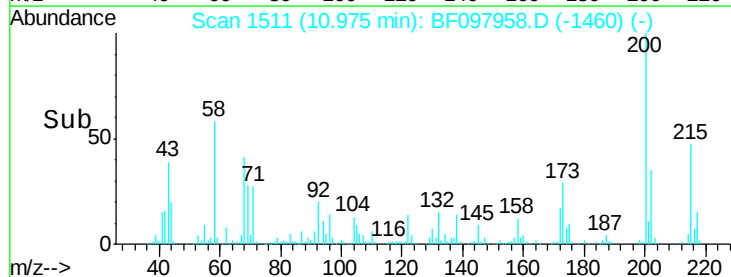
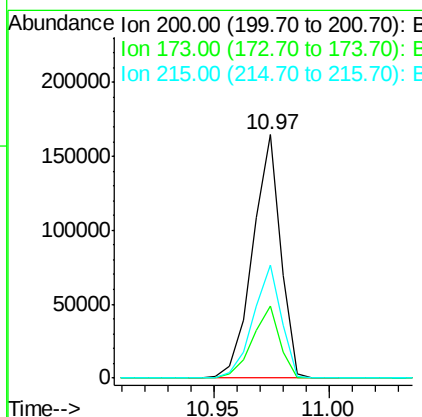
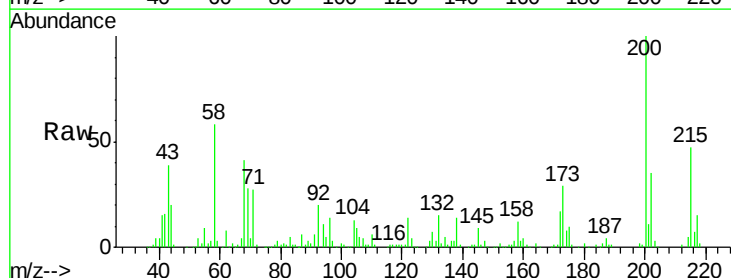
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 168818
Ion Ratio Lower Upper
284 100
142 40.9 22.8 34.2#
249 33.7 24.0 36.0



#68
Atrazine
Concen: 37.76 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:200 Resp: 139104
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 46.7 27.2 67.2

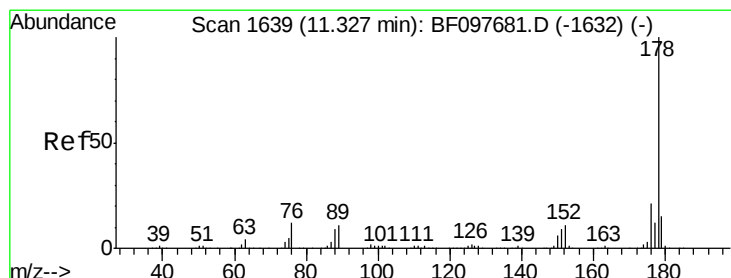
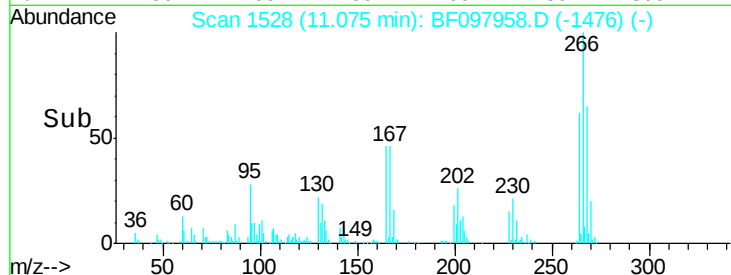
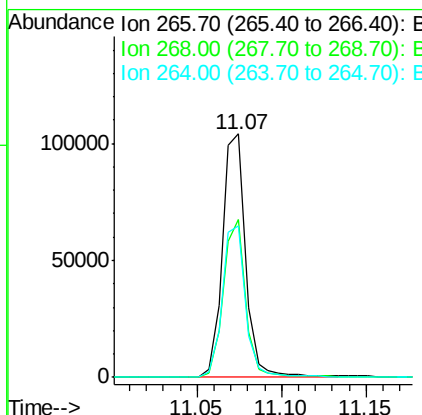
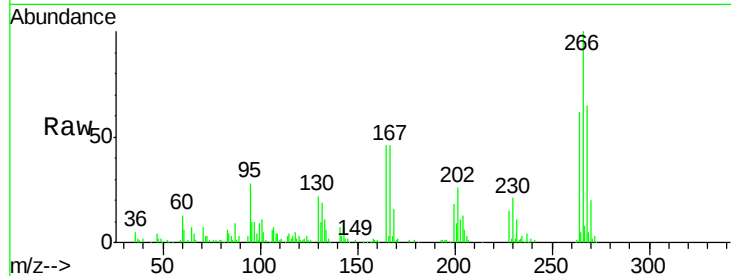




#69
 Pentachlorophenol
 Concen: 39.71 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

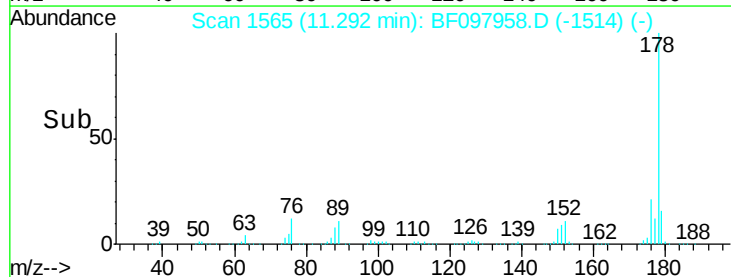
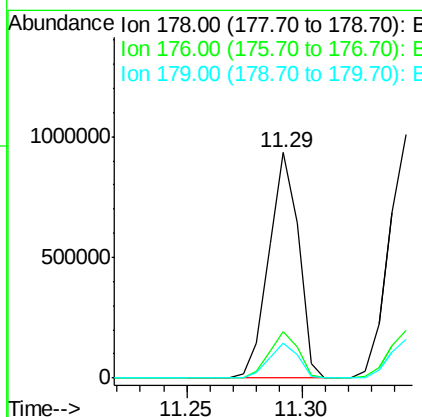
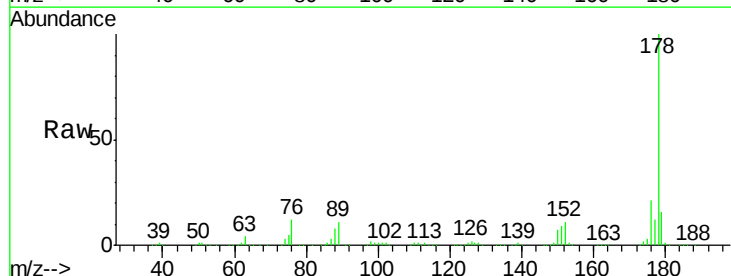
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

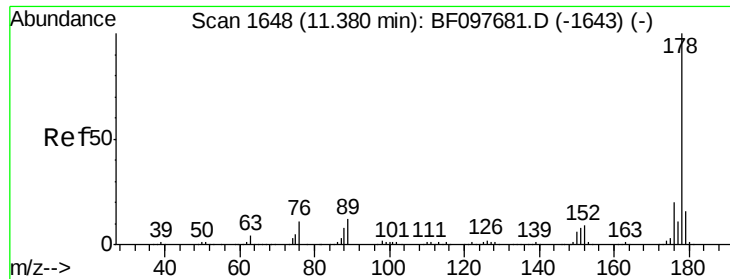
Tot Ion:266 Resp: 99961
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 62.3 51.7 77.5



#70
 Phenanthrene
 Concen: 38.40 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:178 Resp: 834684
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.6 12.6 19.0

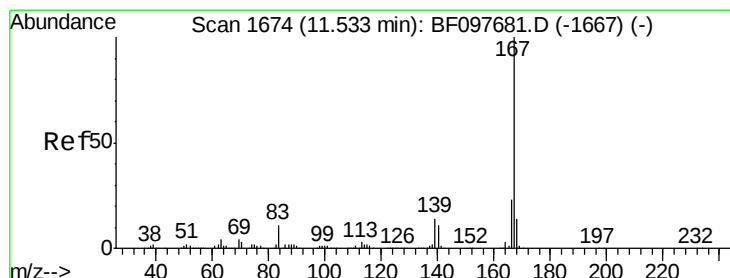
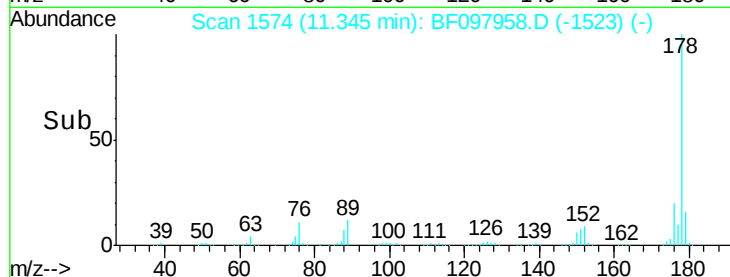
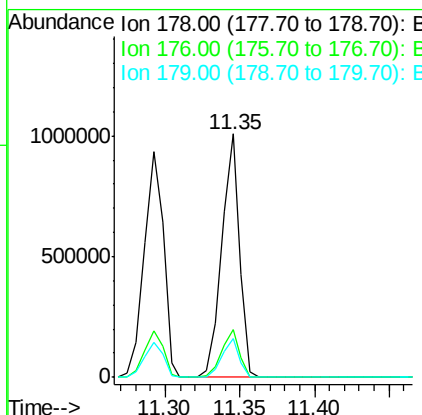
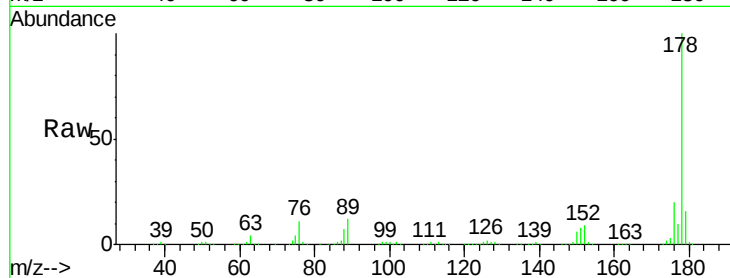




#71
 Anthracene
 Concen: 38.50 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

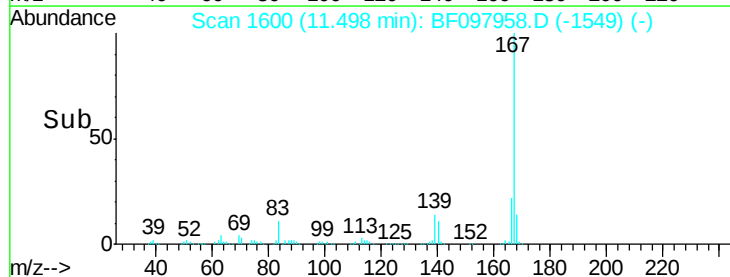
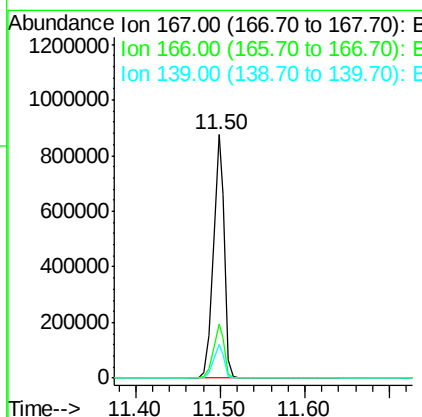
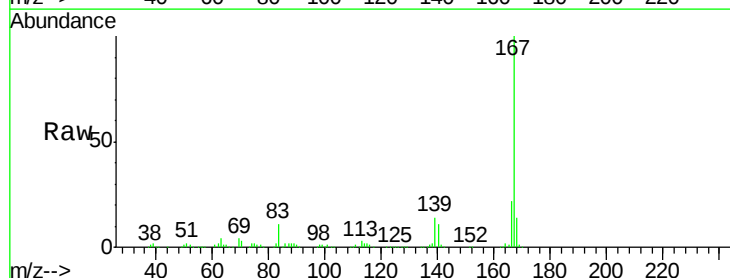
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 848710
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 38.90 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:167 Resp: 814057
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.8 11.7 17.5

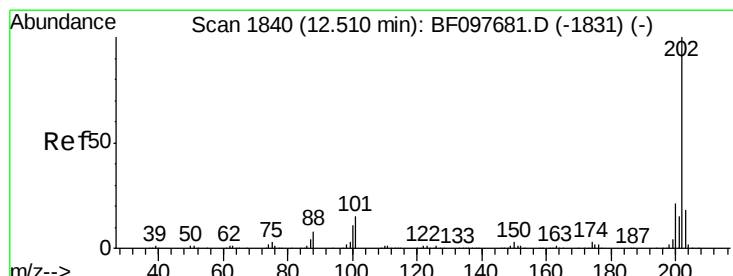
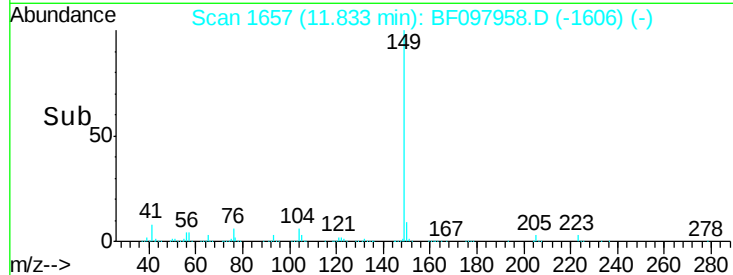
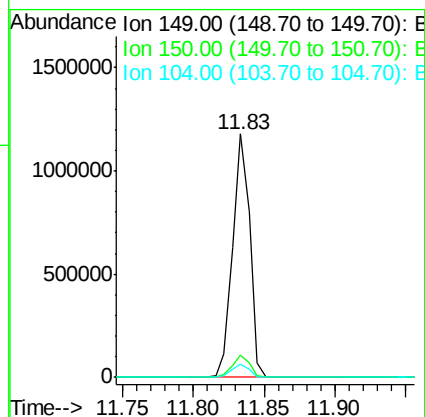
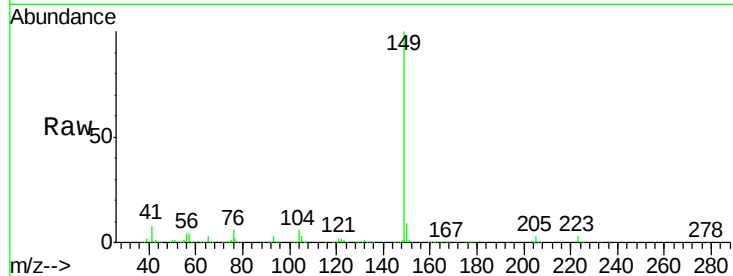




#73
Di-n-butylphthalate
Concen: 41.12 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

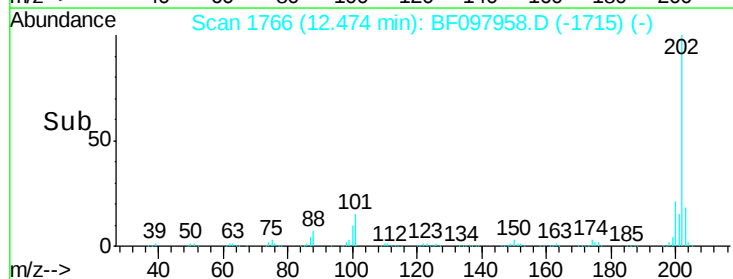
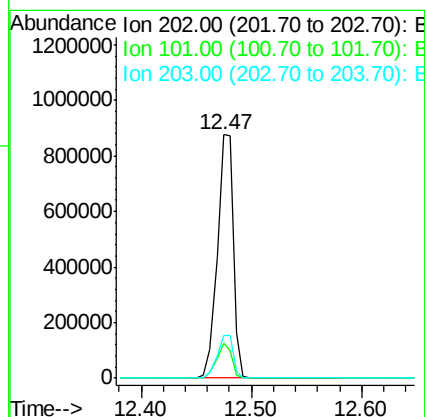
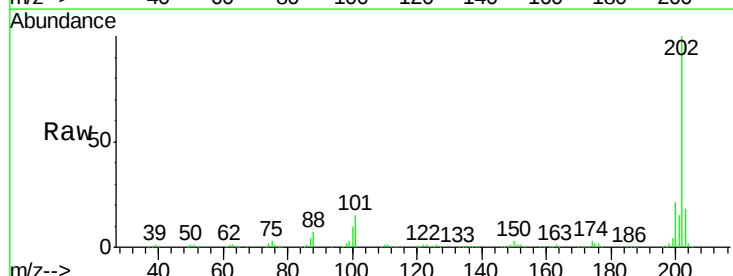
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

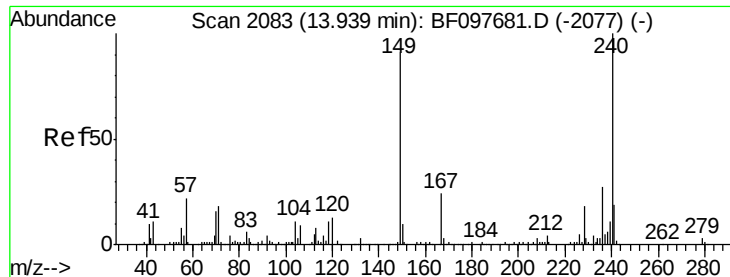
Tot Ion:149 Resp: 991201
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.5 4.0 6.0



#74
Fluoranthene
Concen: 38.64 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:202 Resp: 876555
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

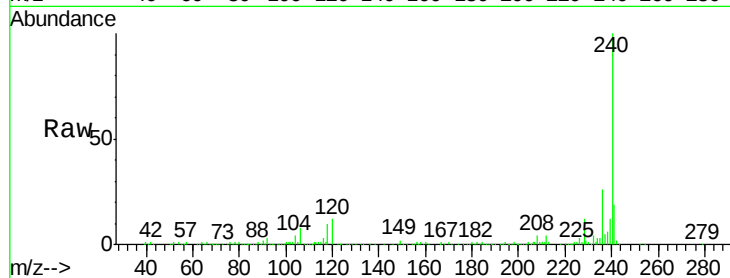
Tot Ion:240 Resp: 275556

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

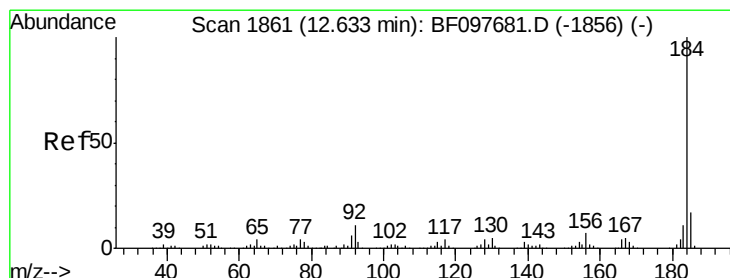
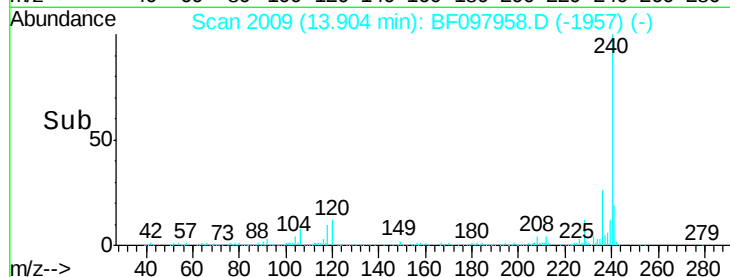
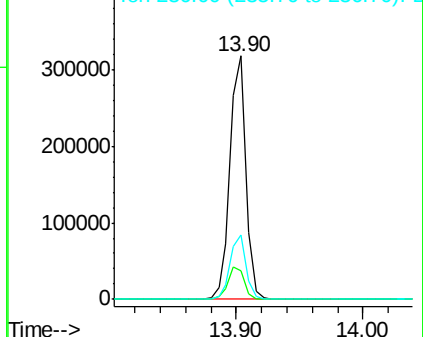
236 26.3 20.5 30.7



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: 36.27 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

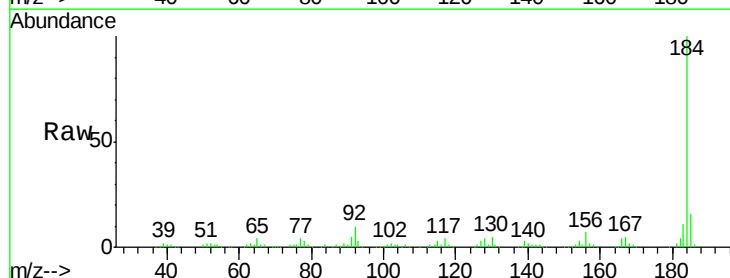
Tgt Ion:184 Resp: 327678

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

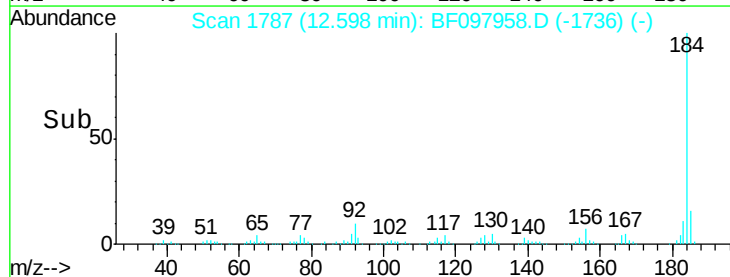
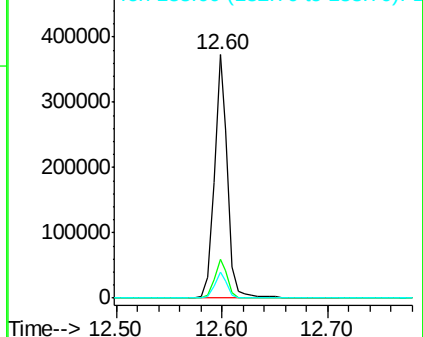
183 10.7 9.8 14.6

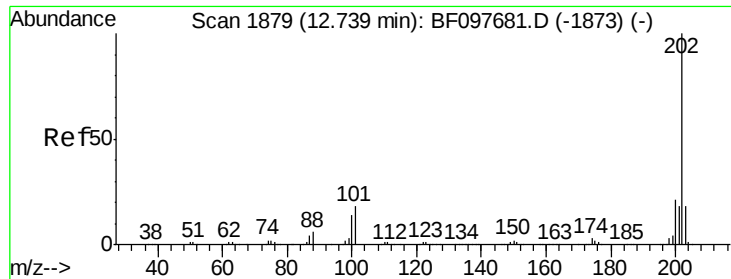


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

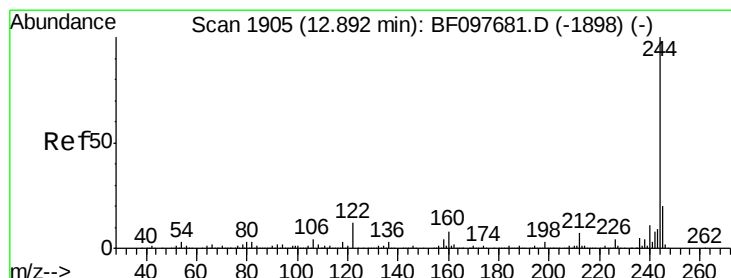
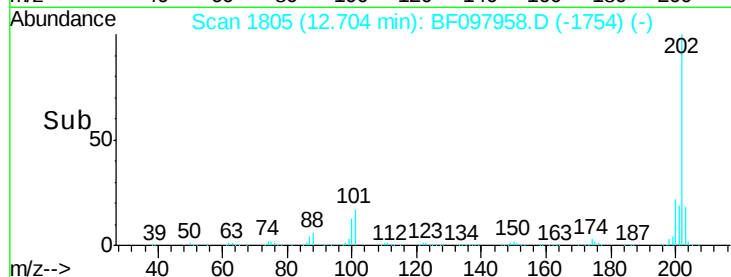
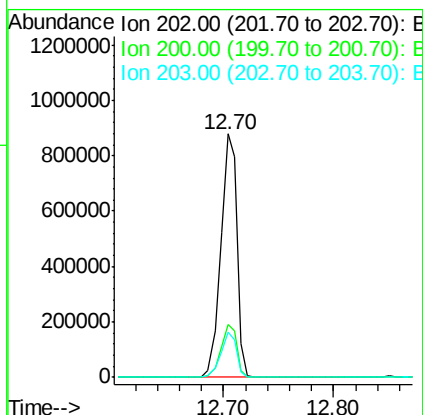
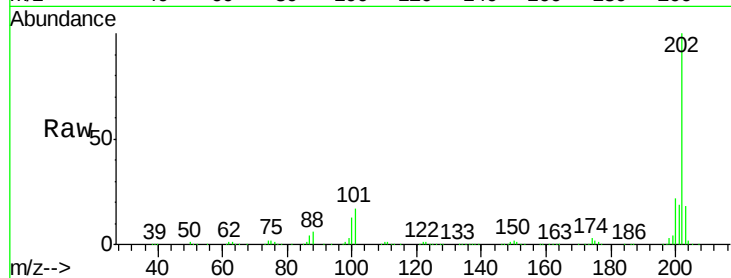




#77
Pvrene
Concen: 39.66 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

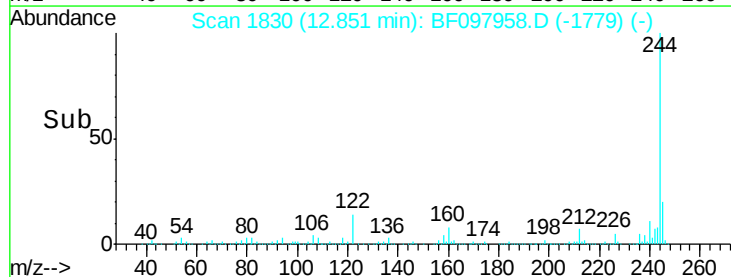
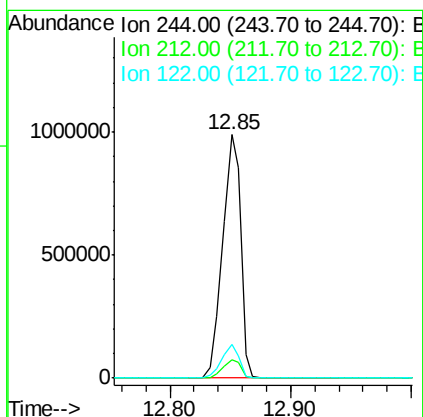
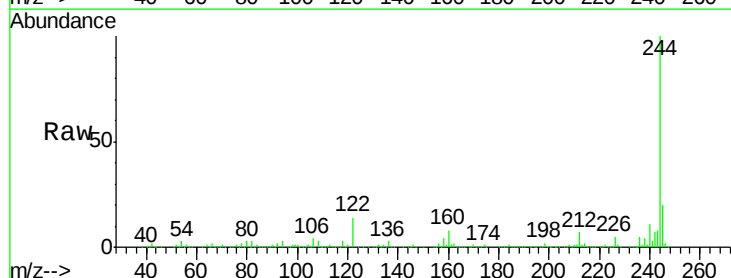
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

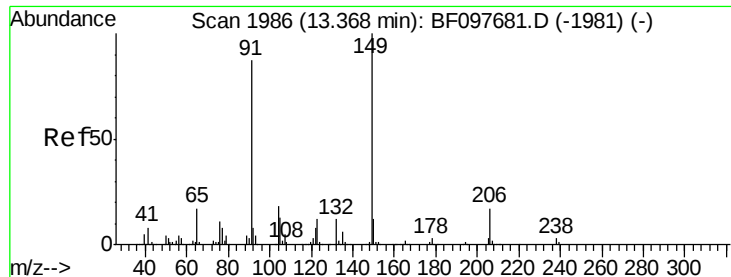
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.3	14.4	21.6



#78
Terphenyl-d14
Concen: 77.33 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.7	10.3	15.5





#79

Butylbenzylphthalate

Concen: 43.71 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

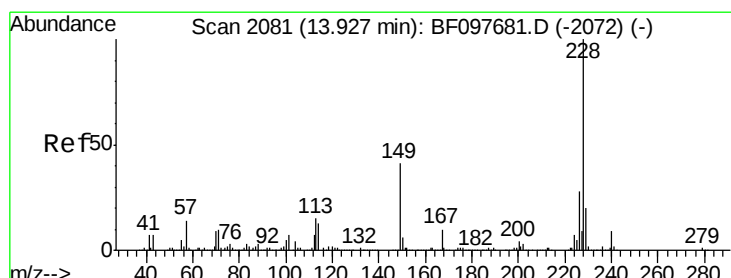
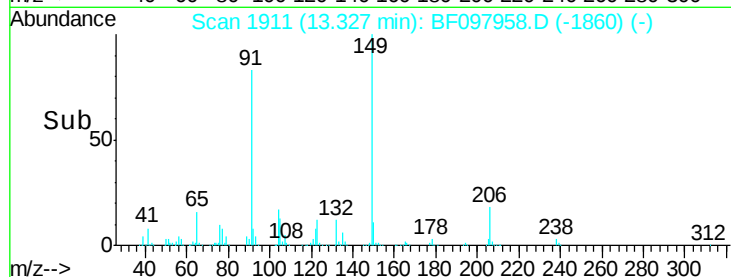
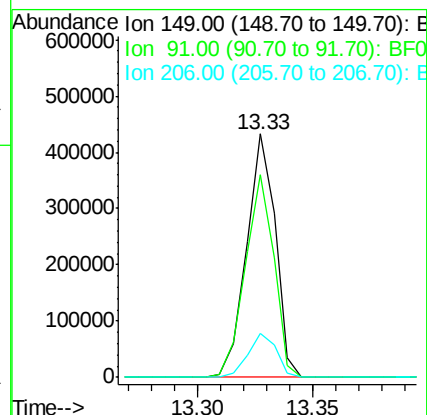
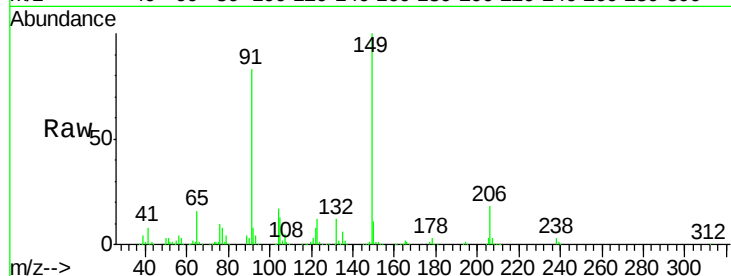
Tot Ion:149 Resp: 377664

Ion Ratio Lower Upper

149 100

91 83.5 45.0 67.4#

206 18.0 17.0 25.6



#80

Benzo(a)anthracene

Concen: 36.35 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

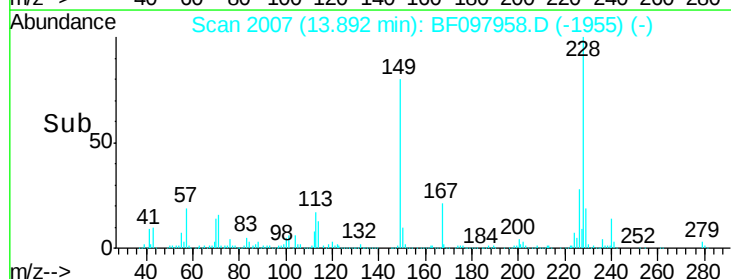
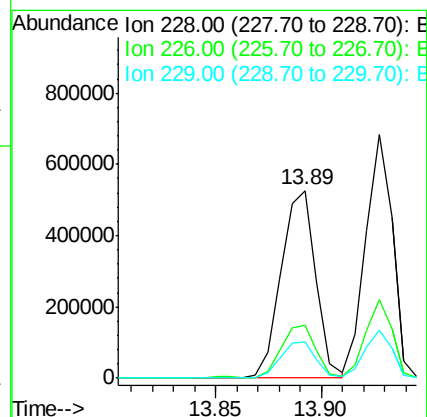
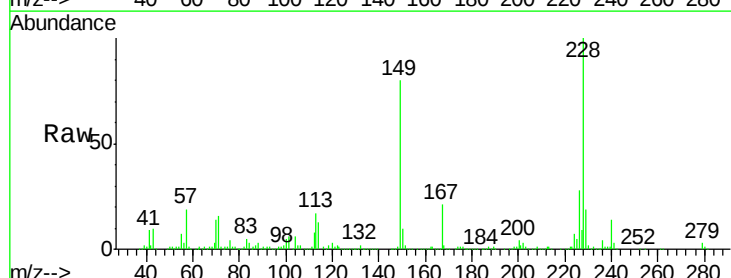
Tgt Ion:228 Resp: 600407

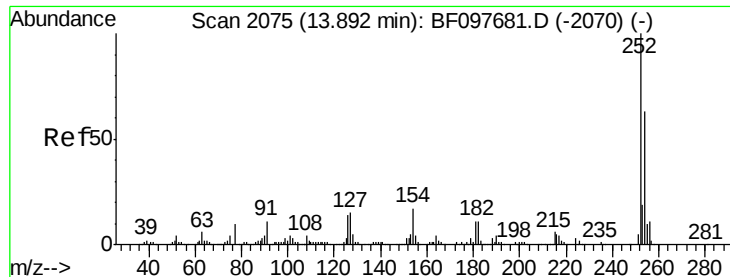
Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.4 16.3 24.5

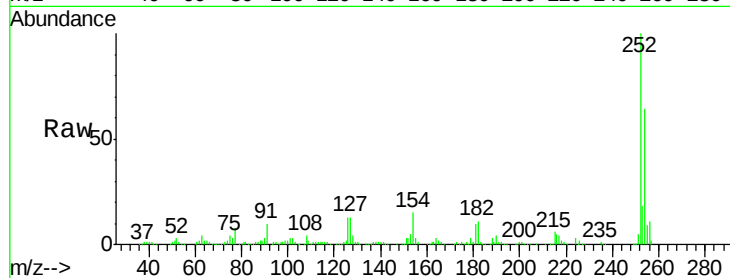




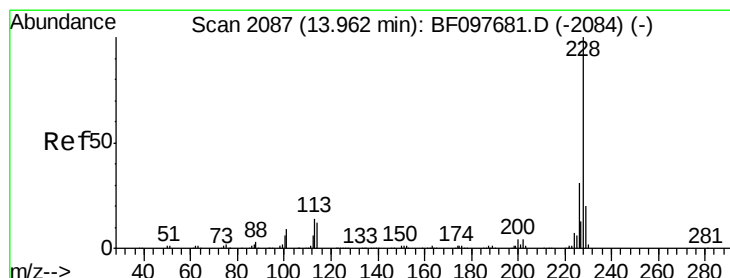
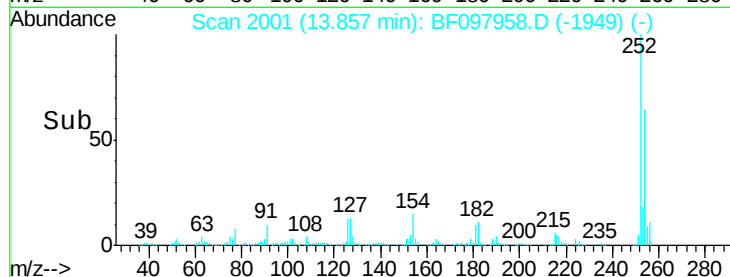
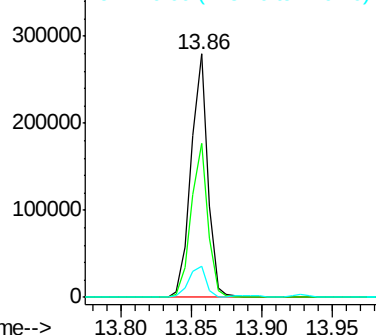
#81
 3,3'-Dichlorobenzidine
 Concen: 41.45 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	12.7	15.8	23.8#

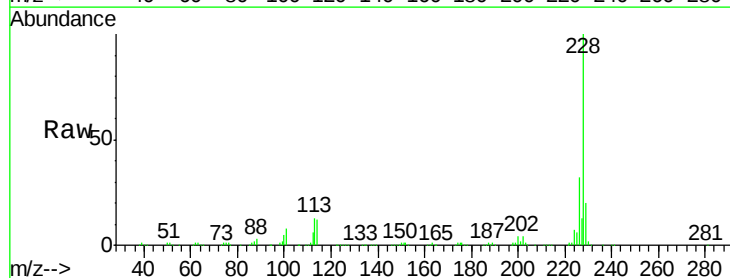


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

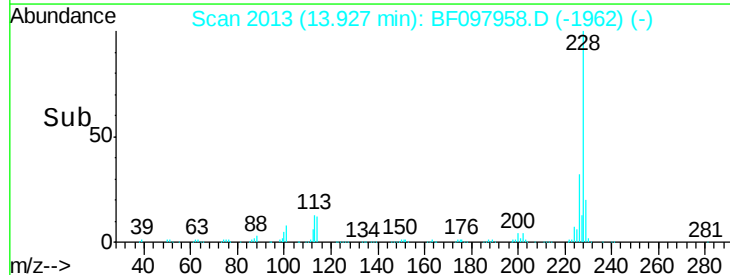
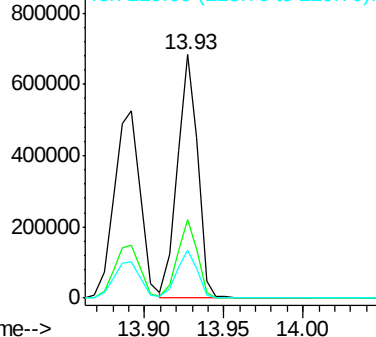


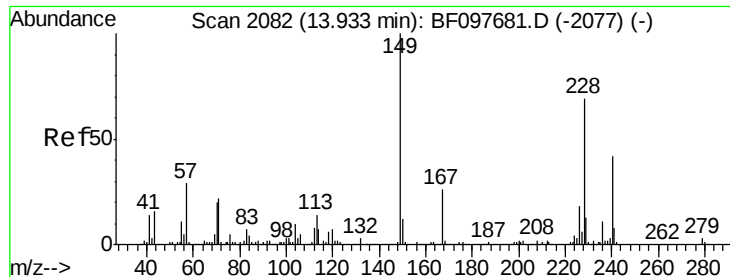
#82
 Chrysene
 Concen: 37.23 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	19.6	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.76 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Instrument :

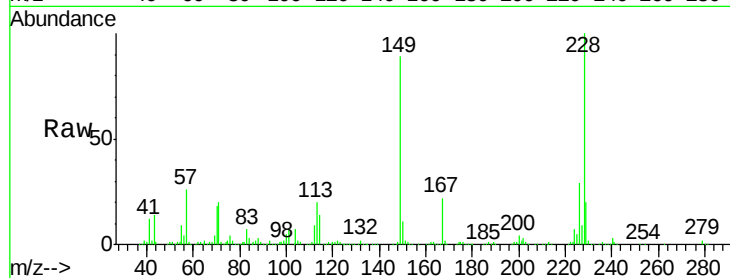
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 419040

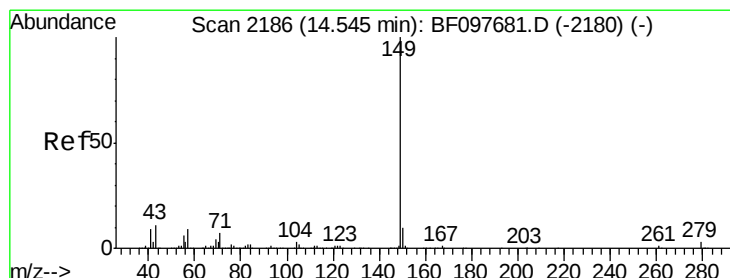
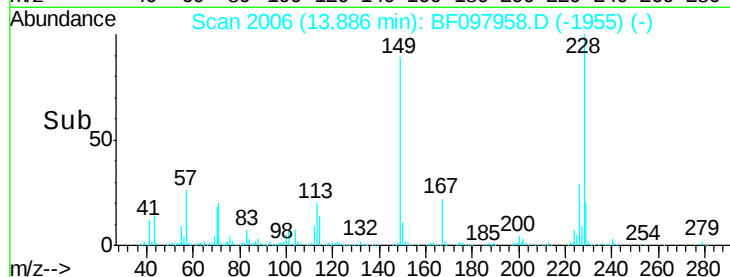
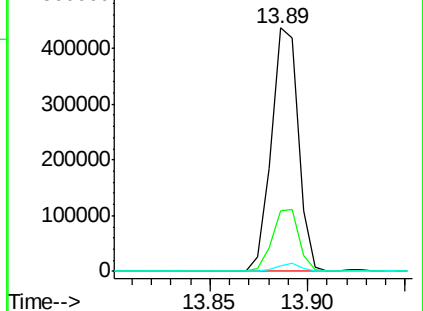
Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.4
279	2.4	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.18 ng

RT: 14.50 min Scan# 2110

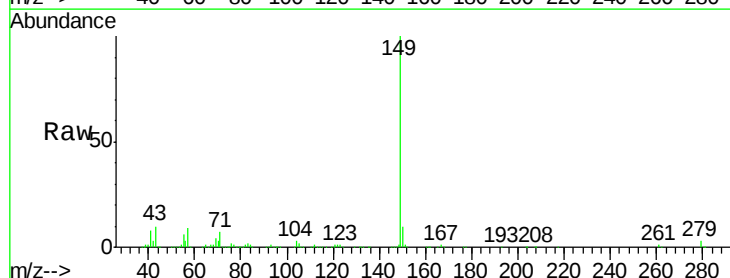
Delta R.T. 0.00 min

Lab File: BF097958.D

Acq: 22 Aug 2017 17:14

Tgt Ion:149 Resp: 735977

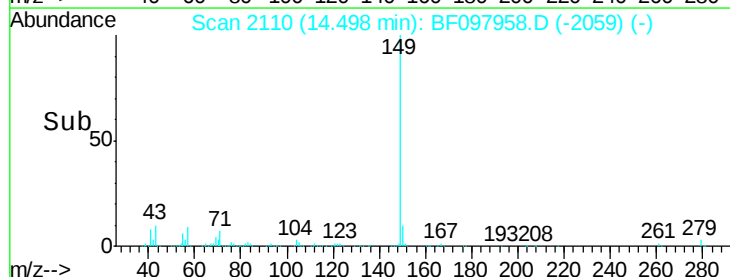
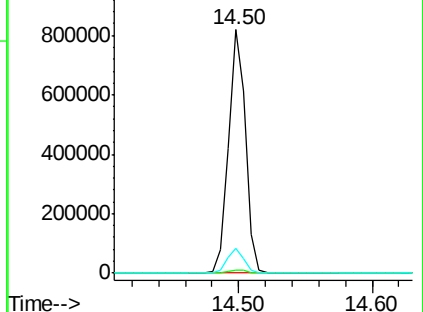
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.0	8.5	12.7

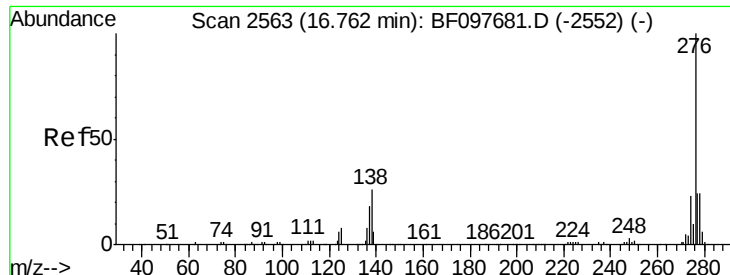


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

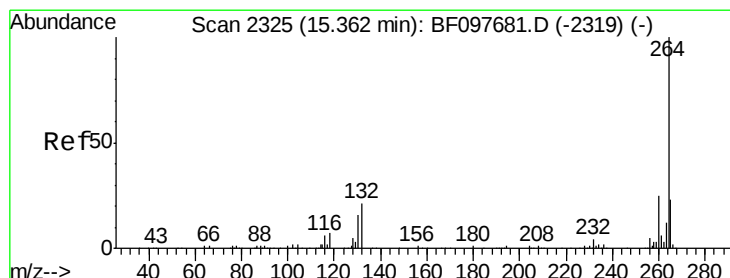
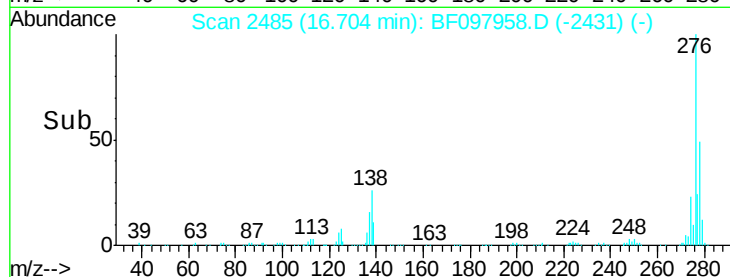
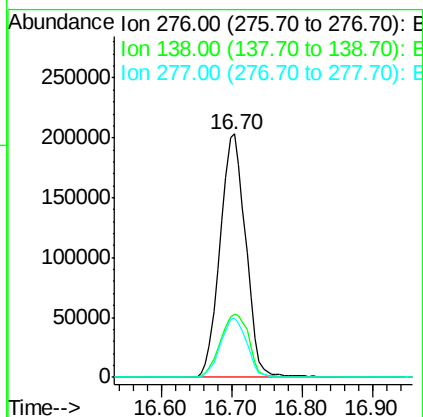
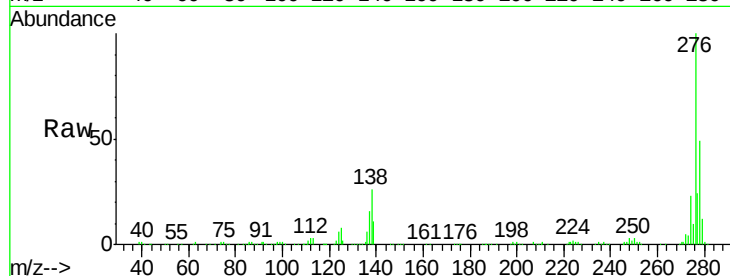




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.55 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

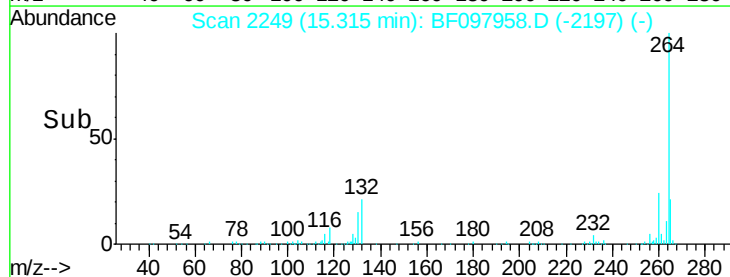
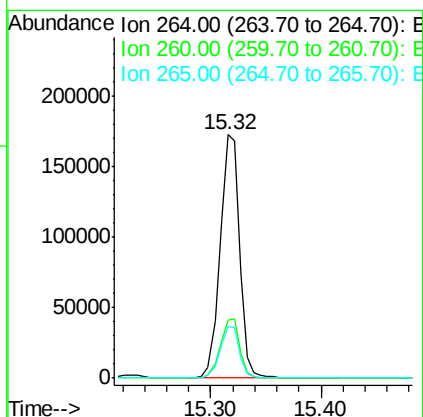
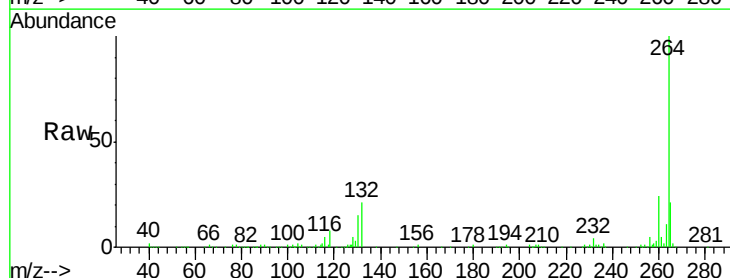
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

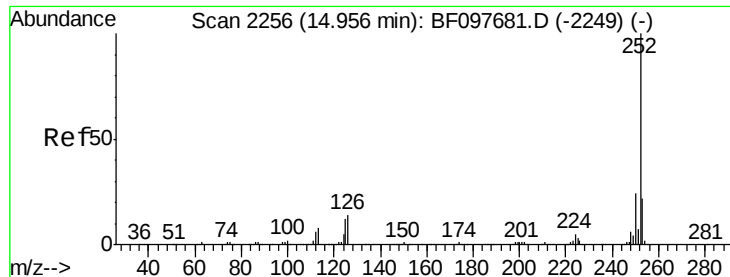
Tot Ion:276 Resp: 514242
 Ion Ratio Lower Upper
 276 100
 138 28.8 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Tgt Ion:264 Resp: 212252
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.3 17.2 25.8

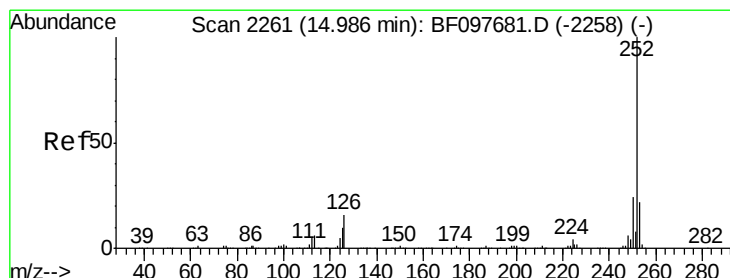
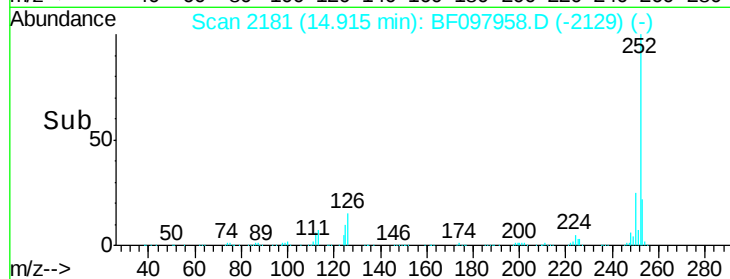
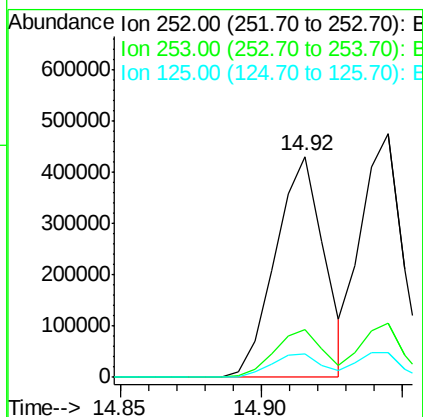
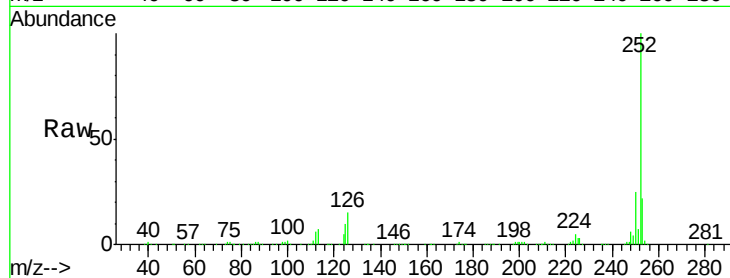




#87
Benzo(b)fluoranthene
Concen: 38.51 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

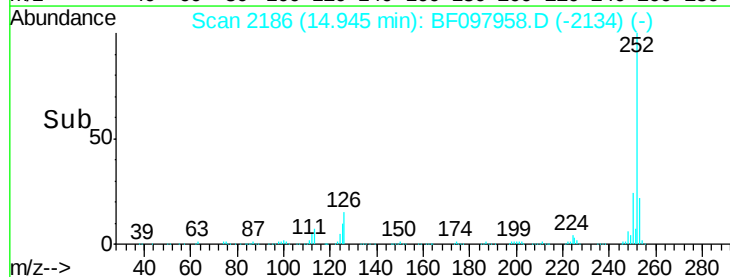
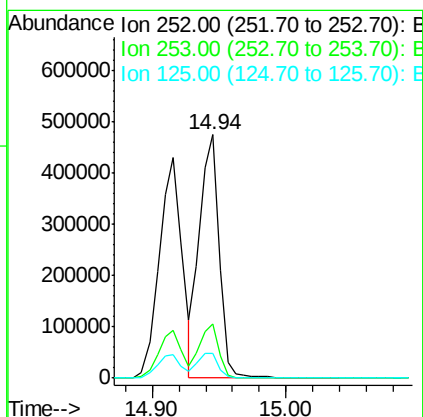
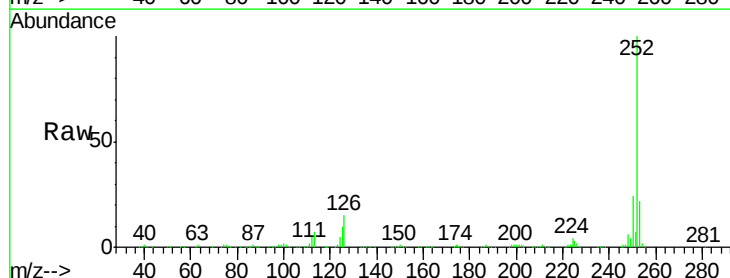
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

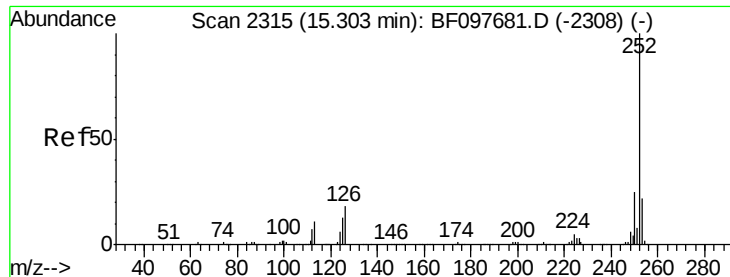
Tot Ion:252 Resp: 515168
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 10.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 38.48 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:252 Resp: 483625
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 10.0 13.1 19.7#

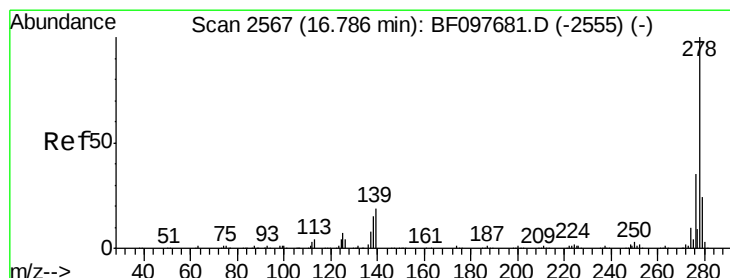
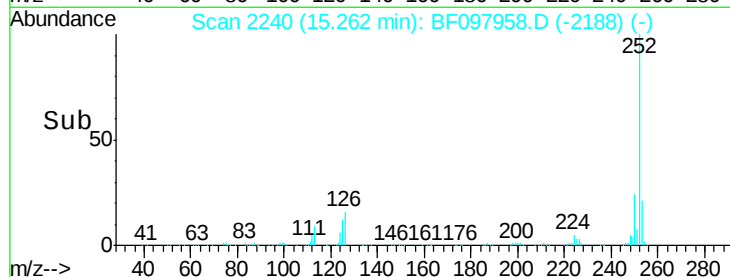
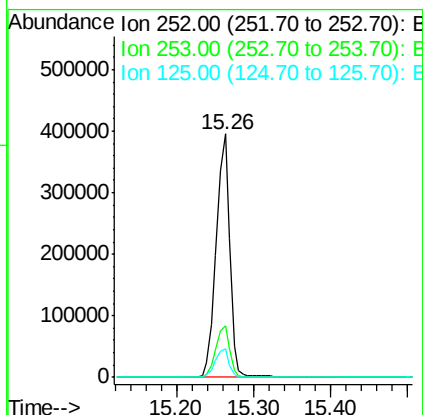
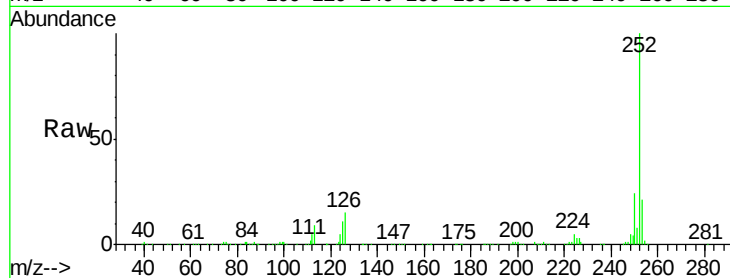




#89
Benzo(a)pyrene
Concen: 40.52 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

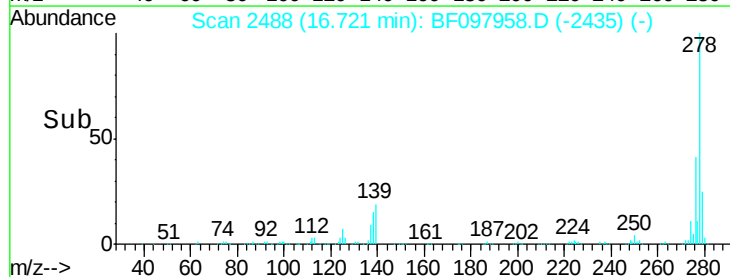
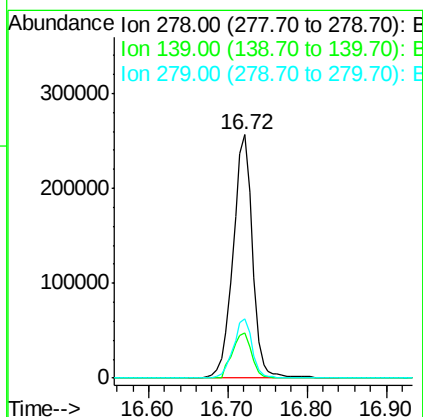
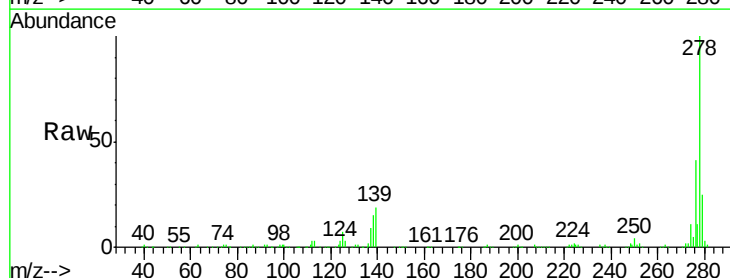
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

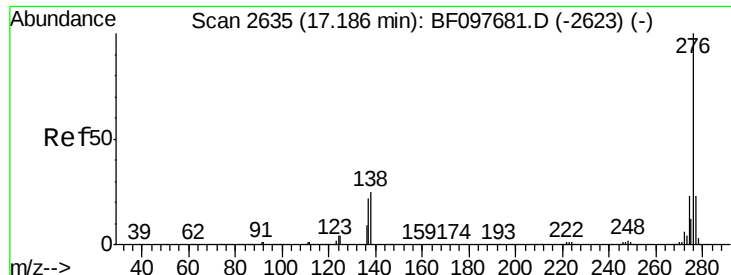
Tot Ion:252 Resp: 479964
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 11.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 45.20 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF097958.D
Acq: 22 Aug 2017 17:14

Tgt Ion:278 Resp: 435812
Ion Ratio Lower Upper
278 100
139 18.8 16.6 24.8
279 24.5 19.3 28.9

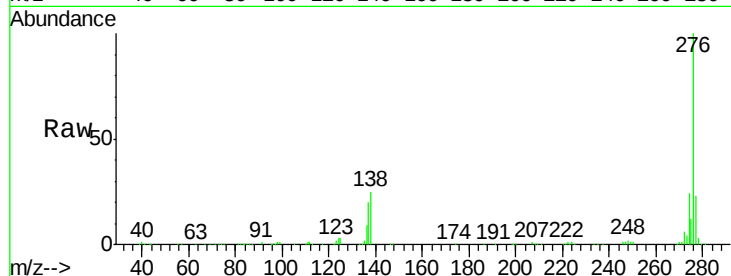




#91
 Benzo(a,h,i)perylene
 Concen: 45.66 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF097958.D
 Acq: 22 Aug 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	25.0	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

