

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097439.D
 Acq On : 7 Aug 2017 19:55
 Operator : SJ/JU
 Sample : I4623-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Quant Time: Aug 08 04:48:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	91583	20.00	ng	0.00
21) Naphthalene-d8	7.70	136	379963	20.00	ng	0.00
38) Acenaphthene-d10	9.44	164	172359	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	237127	20.00	ng	0.00
75) Chrysene-d12	13.53	240	180625	20.00	ng	0.00
86) Perylene-d12	14.87	264	156600	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	603673	99.37	ng	0.00
7) Phenol-d6	6.09	99	649540	93.65	ng	0.00
23) Nitrobenzene-d5	6.99	82	416292	64.27	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	106252	78.02	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	648312	63.83	ng	0.00
78) Terphenyl-d14	12.49	244	414854	46.83	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	62229	24.55	ng	# 71
3) Pyridine	2.50	79	188225	24.25	ng	# 65
4) n-Nitrosodimethylamine	2.45	42	117201	27.25	ng	79
6) Aniline	6.07	93	244981	28.07	ng	95
8) 2-Chlorophenol	6.20	128	199069	30.64	ng	96
9) Benzaldehyde	5.96	77	100579	24.50	ng	96
10) Phenol	6.10	94	258801	31.46	ng	99
11) bis(2-Chloroethyl)ether	6.16	93	175435	26.96	ng	87
12) 1,3-Dichlorobenzene	6.35	146	192437	27.49	ng	98
13) 1,4-Dichlorobenzene	6.43	146	207081	29.85	ng	94
14) 1,2-Dichlorobenzene	6.58	146	177455	29.29	ng	99
15) Benzyl Alcohol	6.57	79	157752	35.93	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	428513	32.84	ng	56
17) 2-Methylphenol	6.70	107	170441	34.00	ng	# 89
18) Hexachloroethane	6.92	117	72486	28.56	ng	# 80
19) n-Nitroso-di-n-propylamine	6.85	70	154308	33.80	ng	# 81
20) 3+4-Methylphenols	6.86	107	236358	36.10	ng	# 61
22) Acetophenone	6.83	105	295929	32.43	ng	# 99
24) Nitrobenzene	7.00	77	221073	32.77	ng	96
25) Isophorone	7.25	82	376652	29.69	ng	98
26) 2-Nitrophenol	7.32	139	103386	28.33	ng	# 83
27) 2,4-Dimethylphenol	7.38	122	170758	28.36	ng	99
28) bis(2-Chloroethoxy)methane	7.46	93	233090	28.16	ng	98
29) 2,4-Dichlorophenol	7.58	162	159690	30.79	ng	98
30) 1,2,4-Trichlorobenzene	7.65	180	142585	28.84	ng	99
31) Naphthalene	7.72	128	567864	31.70	ng	100
32) Benzoic acid	7.38	122	170758	37.99	ng	# 13
33) 4-Chloroaniline	7.78	127	208902	28.66	ng	99
34) Hexachlorobutadiene	7.84	225	76552	29.21	ng	97
35) Caprolactam	8.15	113	55519	33.38	ng	# 64
36) 4-Chloro-3-methylphenol	8.29	107	178410	31.53	ng	# 85
37) 2-Methylnaphthalene	8.41	142	380852	33.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	137489	29.90	ng	99
40) Hexachlorocyclopentadiene	8.56	237	5578	9.77	ng	94

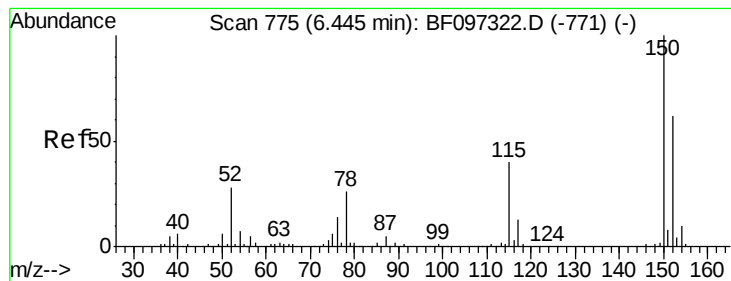
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097439.D
 Acq On : 7 Aug 2017 19:55
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	97578	29.28	nq	97
43) 2,4,5-Trichlorophenol	8.75	196	100996	30.28	nq	98
45) 1,1'-Biphenyl	8.87	154	428096	29.08	nq	97
46) 2-Chloronaphthalene	8.89	162	330445	30.50	nq	94
47) 2-Nitroaniline	9.00	65	131926	33.55	nq	96
48) Acenaphthylene	9.30	152	515674	31.01	nq	99
49) Dimethylphthalate	9.18	163	495371	37.85	nq	99
50) 2,6-Dinitrotoluene	9.25	165	87465	31.51	nq	# 71
51) Acenaphthene	9.47	154	305817	31.22	nq	99
52) 3-Nitroaniline	9.42	138	99506	28.88	nq	90
53) 2,4-Dinitrophenol	9.57	184	2923	2.32	nq	# 75
54) Dibenzofuran	9.65	168	445549	34.15	nq	96
55) 4-Nitrophenol	9.65	139	276940	135.15	nq	# 33
56) 2,4-Dinitrotoluene	9.66	165	105214	32.97	nq	# 80
57) Fluorene	9.99	166	288590	29.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	65928	28.62	nq	98
59) Diethylphthalate	9.87	149	343884	28.64	nq	99
60) 4-Chlorophenyl-phenylether	9.98	204	123842	30.58	nq	97
61) 4-Nitroaniline	10.02	138	84925	25.94	nq	93
62) Azobenzene	10.14	77	381157	34.22	nq	93
64) 4,6-Dinitro-2-methylphenol	10.07	198	13167	8.94	nq	90
65) n-Nitrosodiphenylamine	10.10	169	287966	34.90	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	79613	33.64	nq	97
67) Hexachlorobenzene	10.53	284	77903	29.36	nq	# 84
68) Atrazine	10.64	200	81676	34.52	nq	95
69) Pentachlorophenol	10.74	266	42032	38.28	nq	97
70) Phenanthrene	10.93	178	409970	32.27	nq	99
71) Anthracene	10.99	178	420340	32.30	nq	99
72) Carbazole	11.15	167	402760	31.47	nq	98
73) Di-n-butylphthalate	11.49	149	483810	30.58	nq	98
74) Fluoranthene	12.12	202	347504	27.92	nq	98
76) Benzidine	12.24	184	234660	35.01	nq	# 93
77) Pyrene	12.34	202	402996	27.25	nq	98
79) Butylbenzylphthalate	12.97	149	193291	25.70	nq	# 74
80) Benzo(a)anthracene	13.52	228	334138	28.59	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	121328	27.53	nq	# 97
82) Chrysene	13.56	228	344156	30.16	nq	98
83) Bis(2-ethylhexyl)phthalate	13.54	149	243111	24.75	nq	# 99
84) Di-n-octyl phthalate	14.14	149	453546	25.17	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	218724	22.35	nq	97
87) Benzo(b)fluoranthene	14.53	252	288064	30.60	nq	98
88) Benzo(k)fluoranthene	14.54	252	299910	33.43	nq	96
89) Benzo(a)pyrene	14.82	252	271892	31.56	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	184282	26.08	nq	96
91) Benzo(g,h,i)perylene	16.41	276	176014	23.76	nq	98

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

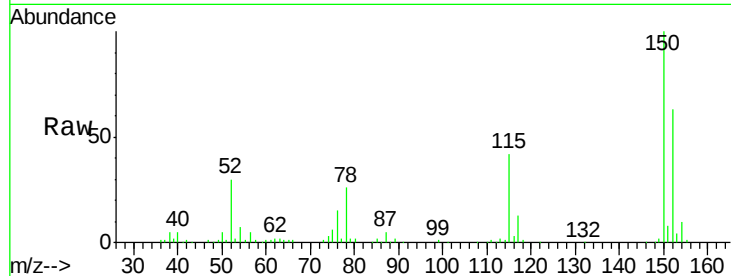


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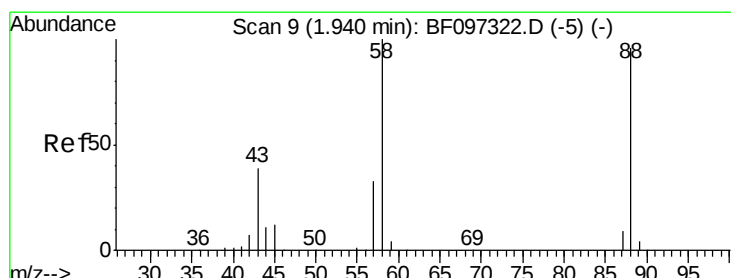
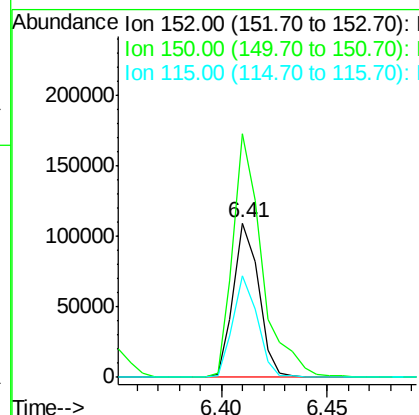
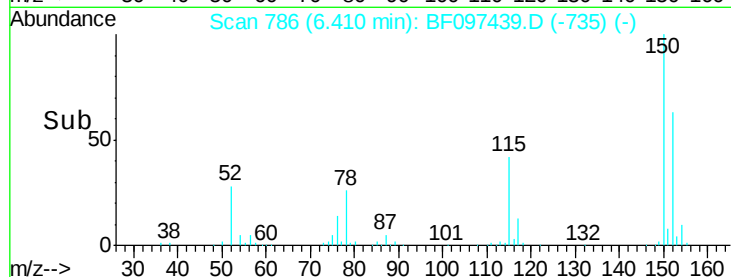
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampled :
TEC-BNMS

Tot Ion:152 Resp: 91583
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 65.8 52.2 78.2



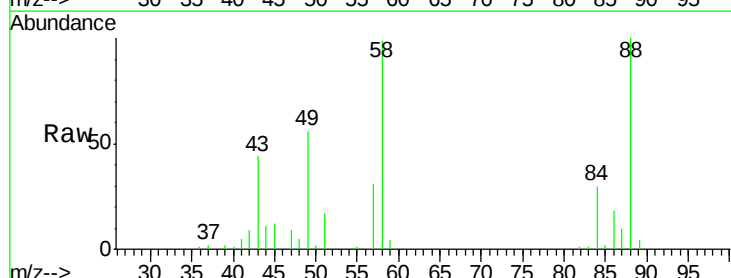
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



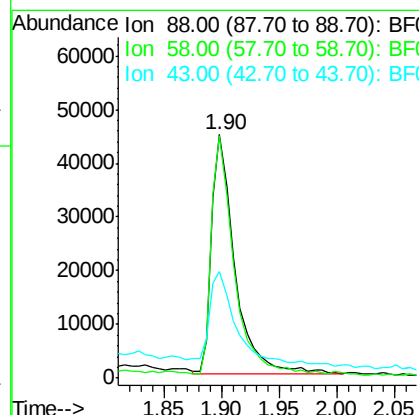
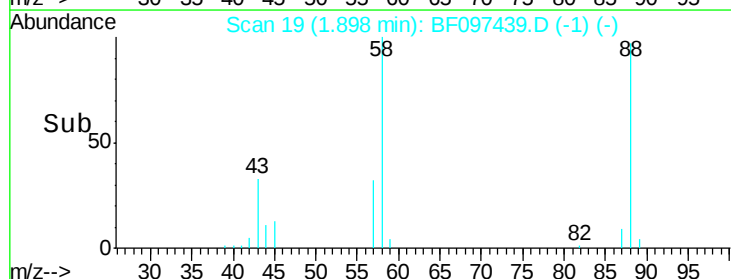
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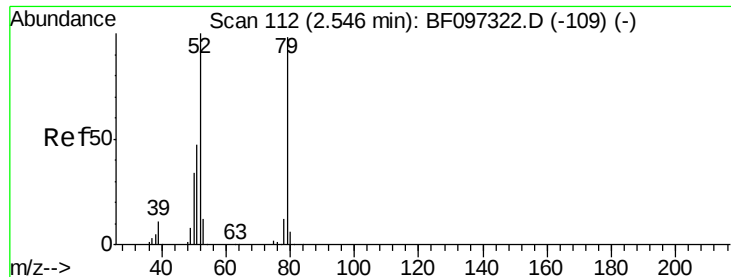
1,4-Dioxane
Concen: 24.55 ng
RT: 1.90 min Scan# 19
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion: 88 Resp: 62229
Ion Ratio Lower Upper
88 100
58 95.9 61.4 92.0#
43 54.5 23.4 35.0#



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





#3

Pvridine

Concen: 24.25 ng

RT: 2.50 min Scan# 122

Delta R.T. 0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

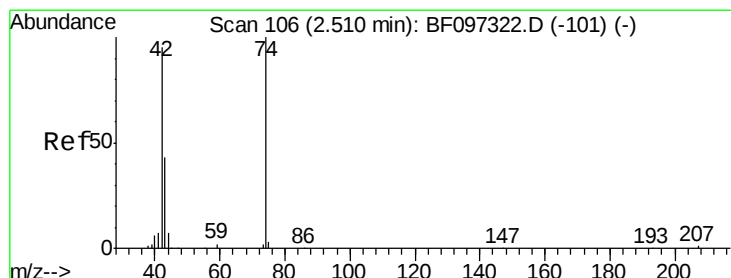
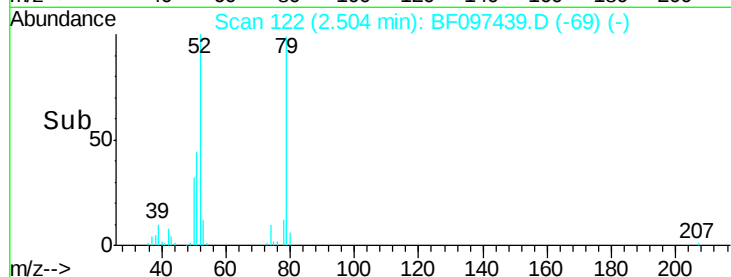
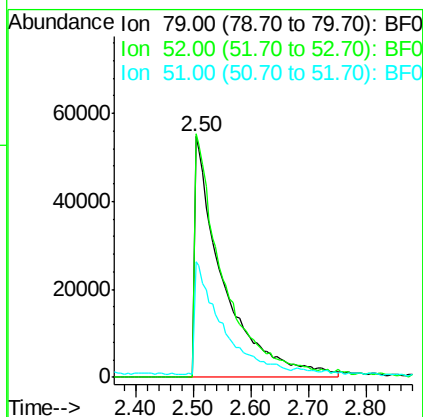
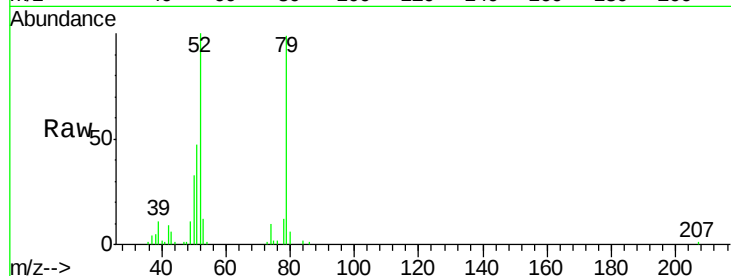
Tot Ion: 79 Resp: 188225

Ion Ratio Lower Upper

79 100

52 101.3 54.8 82.2#

51 48.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 27.25 ng

RT: 2.45 min Scan# 113

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

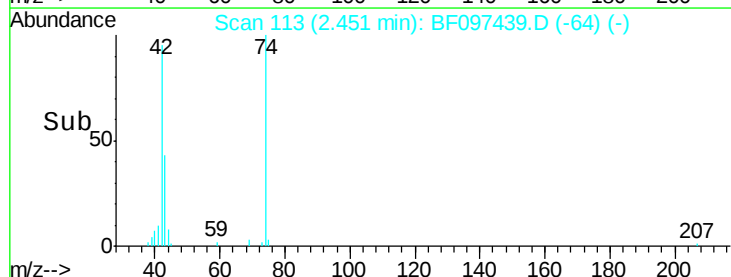
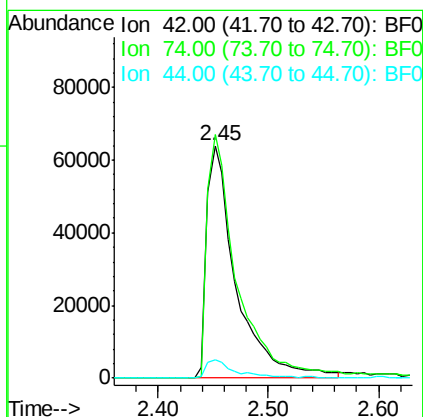
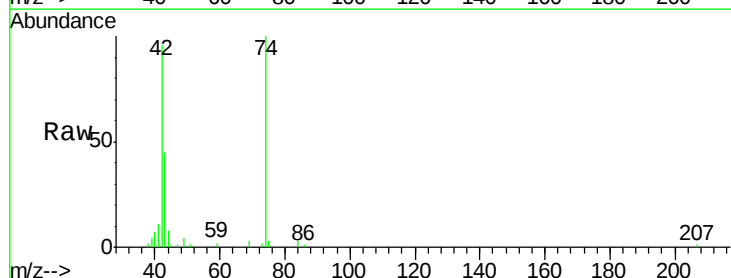
Tgt Ion: 42 Resp: 117201

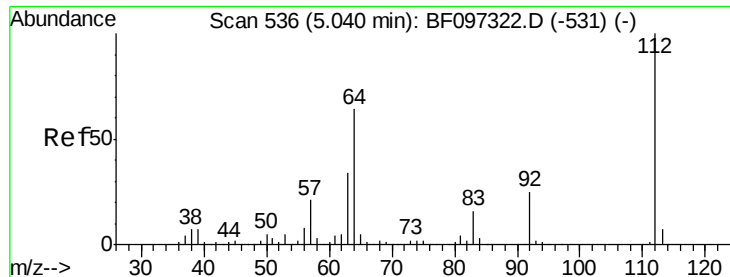
Ion Ratio Lower Upper

42 100

74 104.6 103.9 155.9

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 99.37 ng

RT: 5.00 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

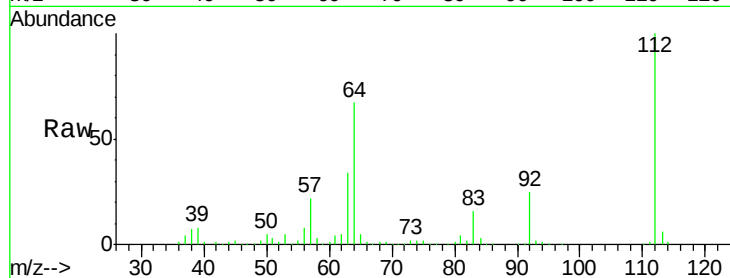
Tot Ion:112 Resp: 603673

Ion Ratio Lower Upper

112 100

64 66.9 46.0 69.0

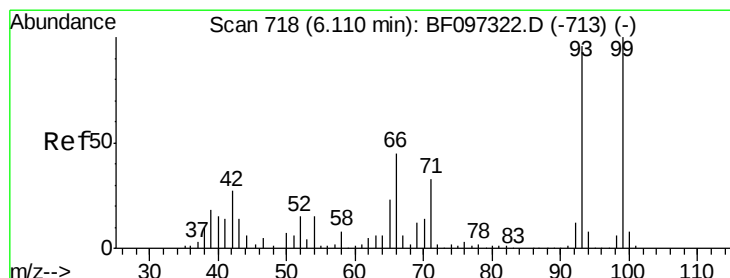
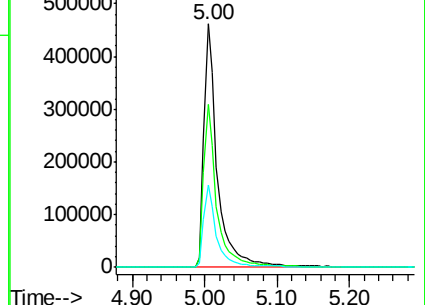
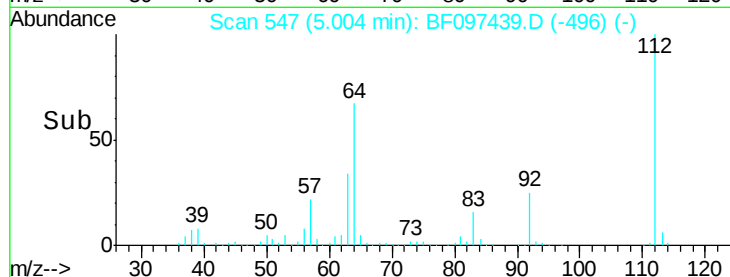
63 33.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.07 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

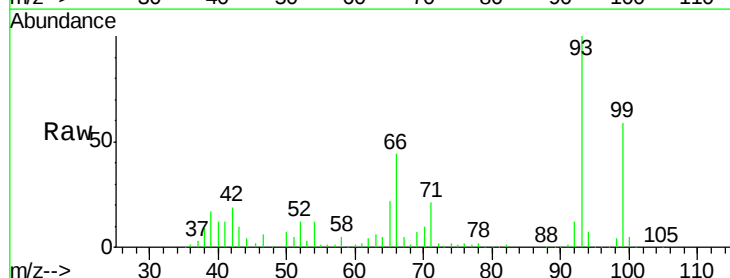
Tgt Ion: 93 Resp: 244981

Ion Ratio Lower Upper

93 100

66 44.1 32.9 49.3

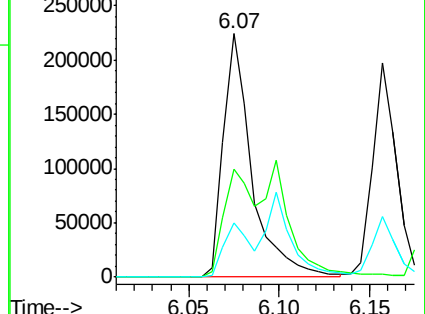
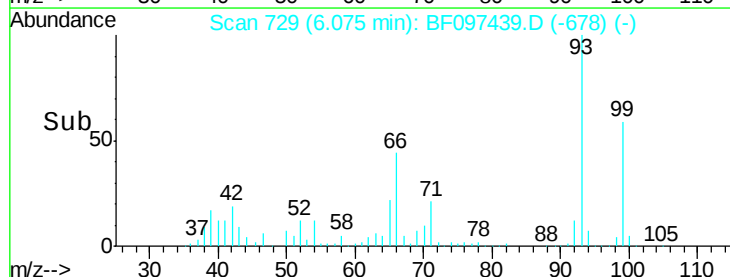
65 22.5 16.0 24.0

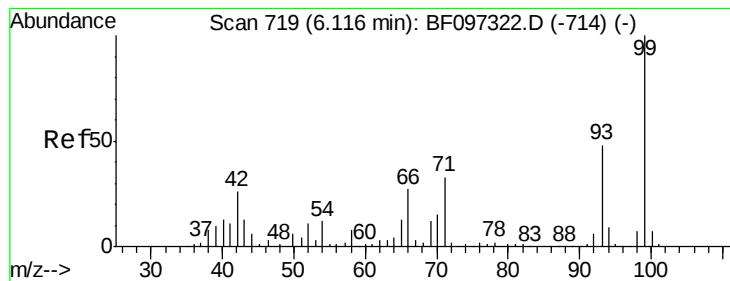


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.65 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

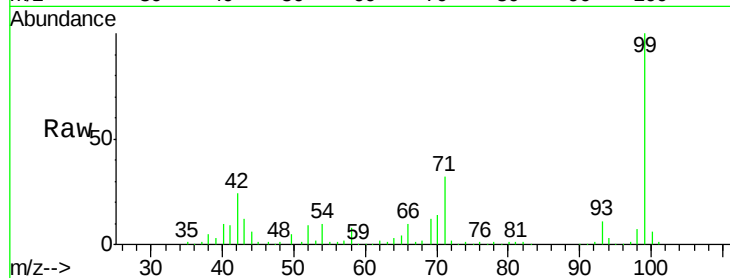
Tot Ion: 99 Resp: 649540

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

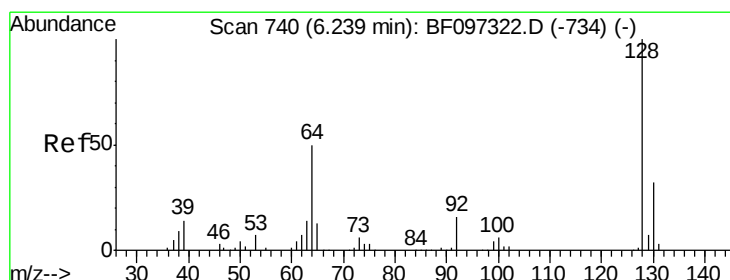
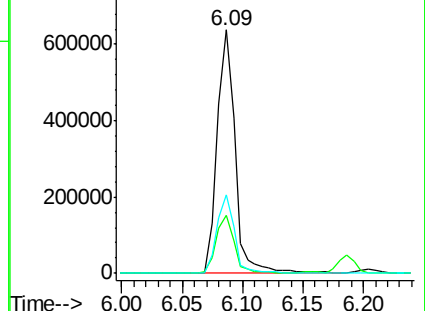
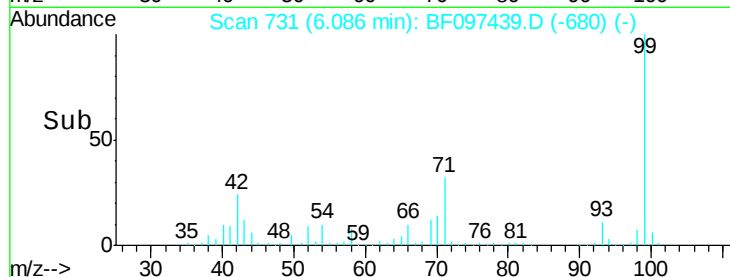
71 32.4 24.5 36.7



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: 30.64 ng

RT: 6.20 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

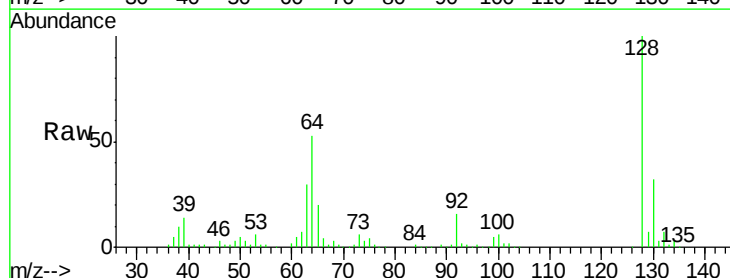
Tgt Ion: 128 Resp: 199069

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

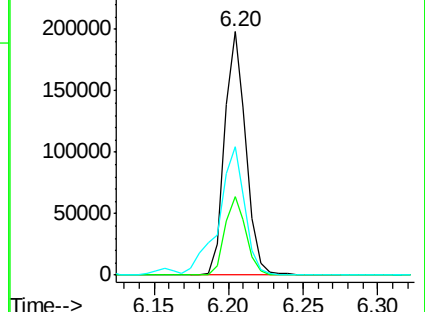
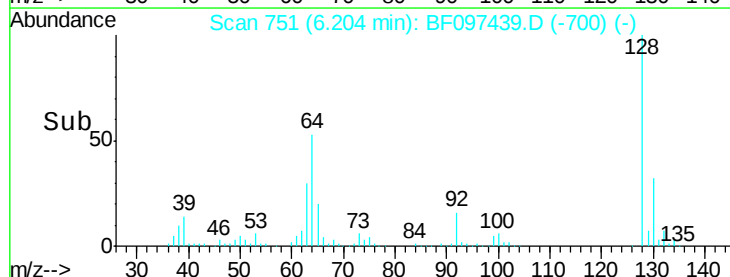
64 52.9 28.4 68.4

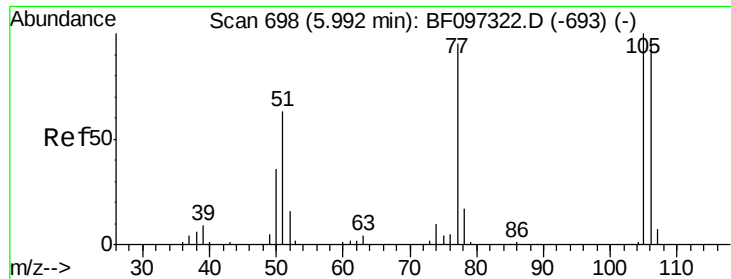


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

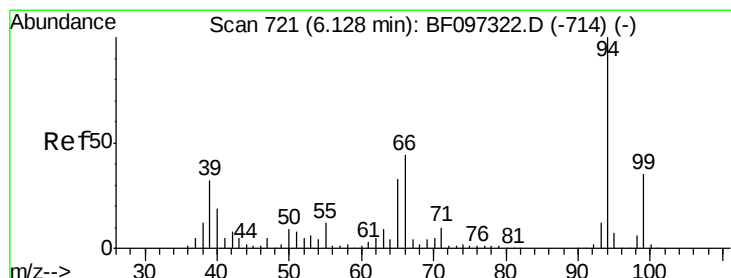
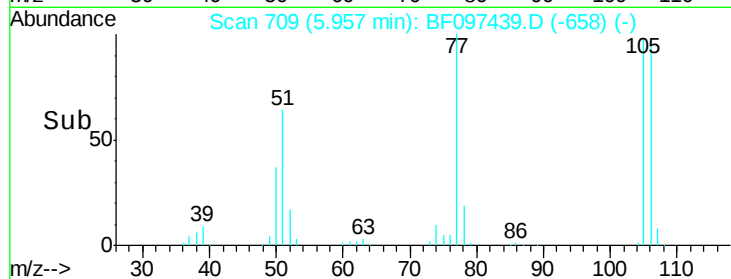
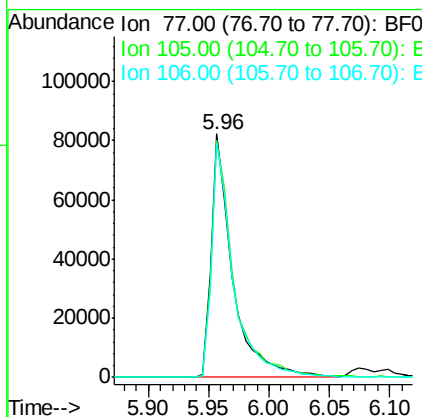
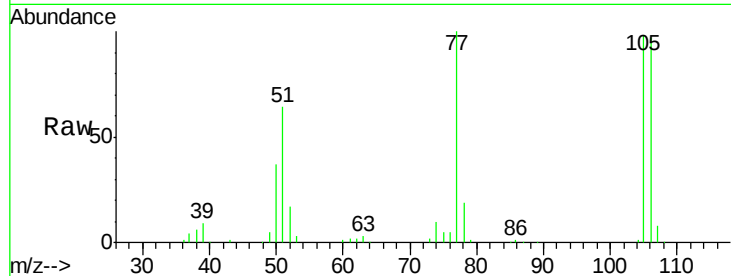




#9
Benzaldehyde
Concen: 24.50 ng
RT: 5.96 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

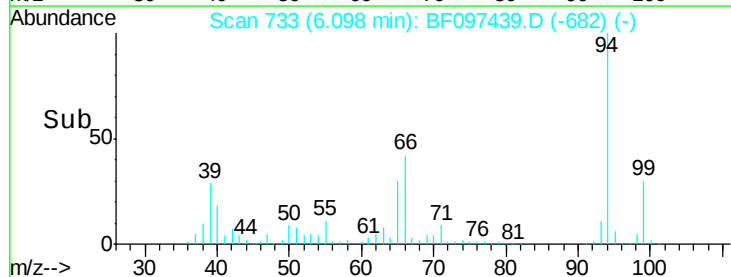
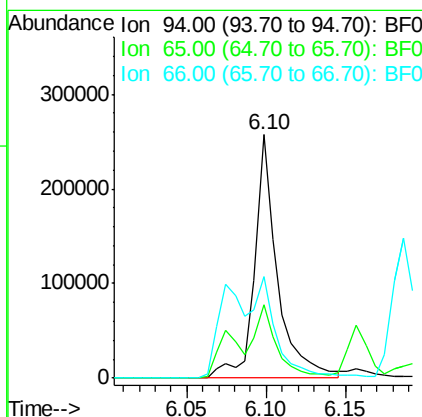
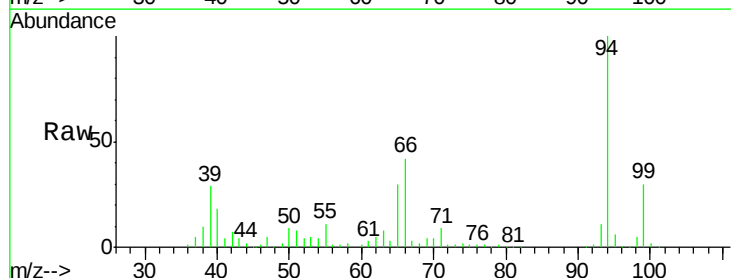
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

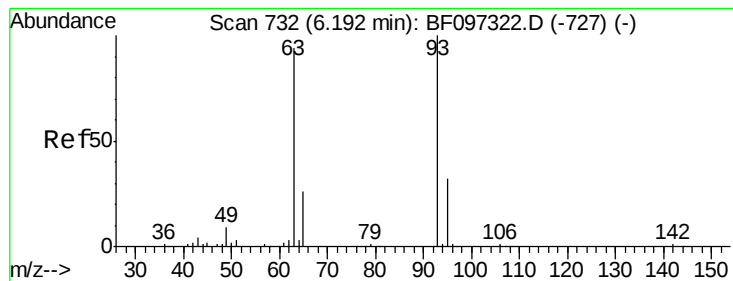
Tot Ion: 77 Resp: 100579
Ion Ratio Lower Upper
77 100
105 97.6 83.8 123.8
106 96.6 79.1 119.1



#10
Phenol
Concen: 31.46 ng
RT: 6.10 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion: 94 Resp: 258801
Ion Ratio Lower Upper
94 100
65 30.3 9.9 49.9
66 41.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 26.96 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

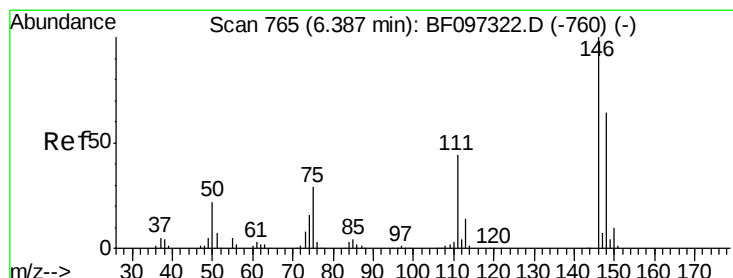
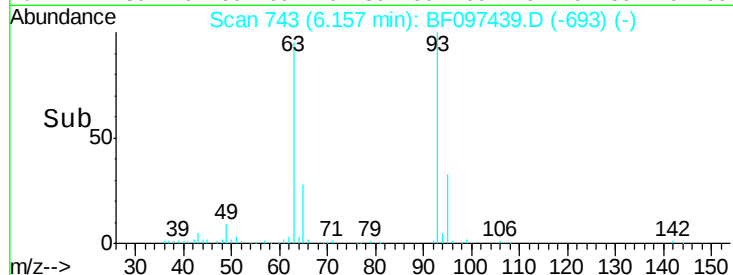
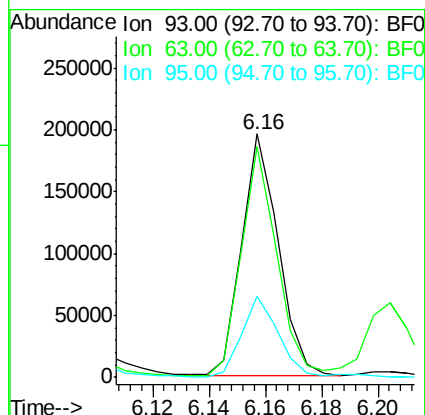
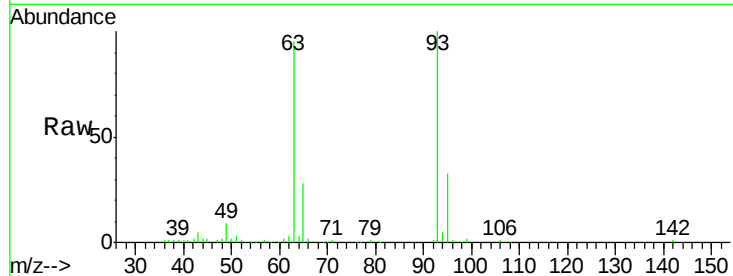
Tot Ion: 93 Resp: 175435

Ion Ratio Lower Upper

93 100

63 94.8 59.2 99.2

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 27.49 ng

RT: 6.35 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

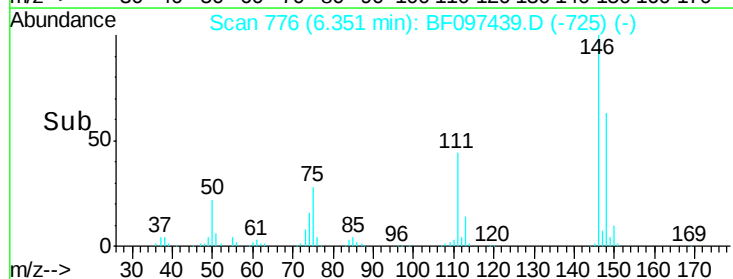
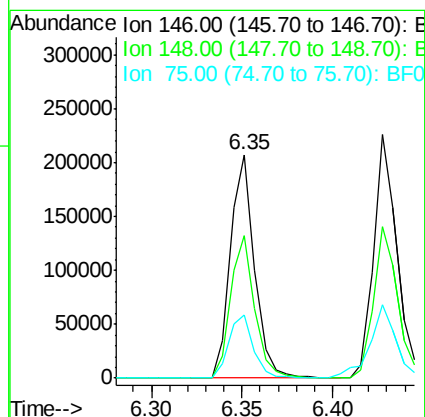
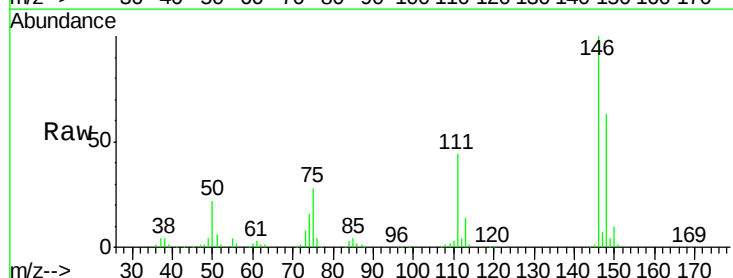
Tgt Ion: 146 Resp: 192437

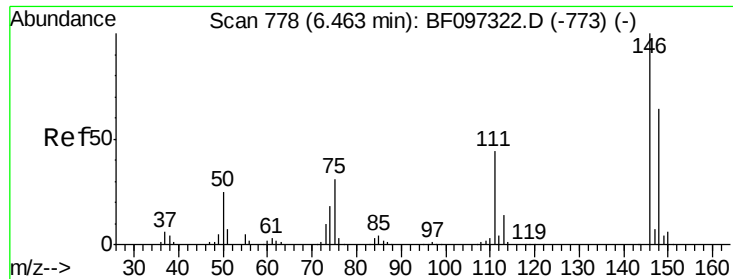
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

75 28.1 23.1 34.7

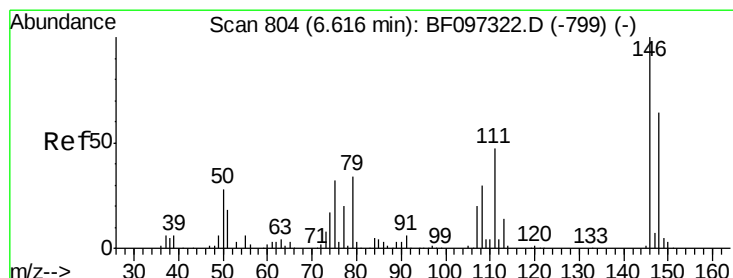
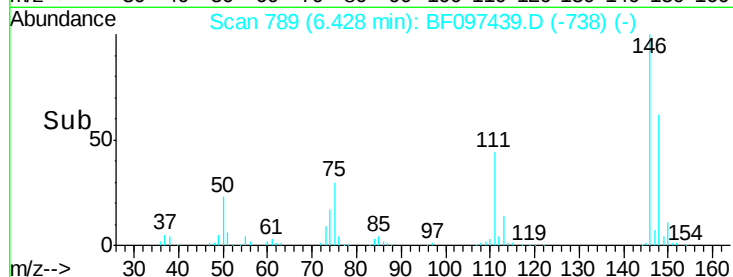
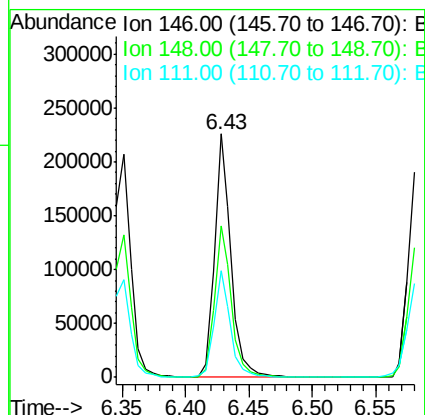
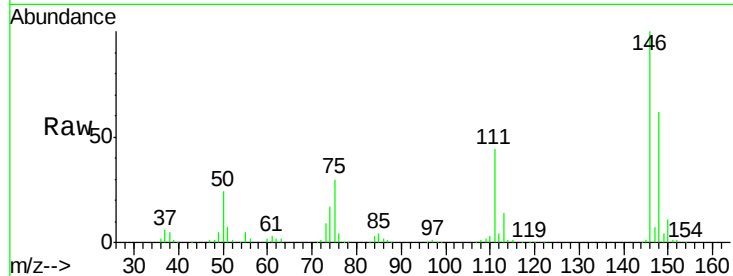




#13
 1,4-Dichlorobenzene
 Concen: 29.85 ng
 RT: 6.43 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

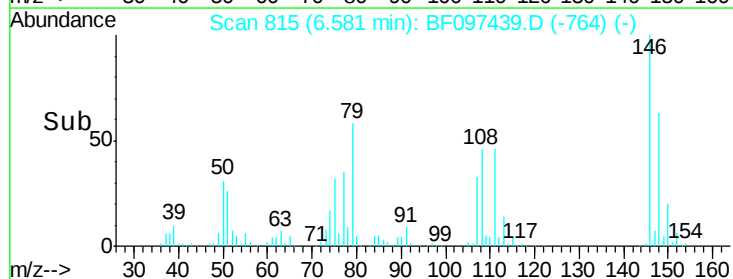
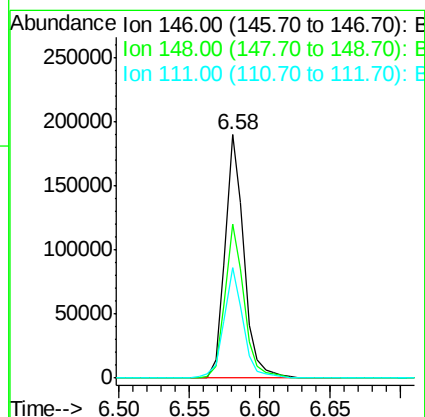
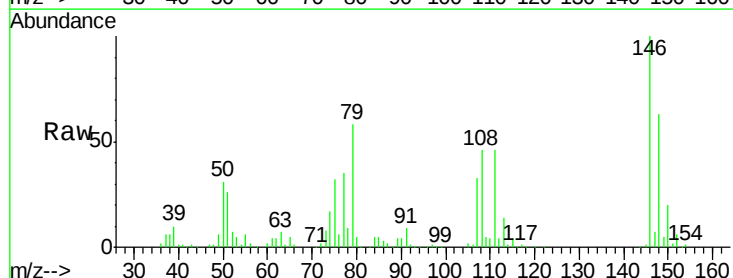
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

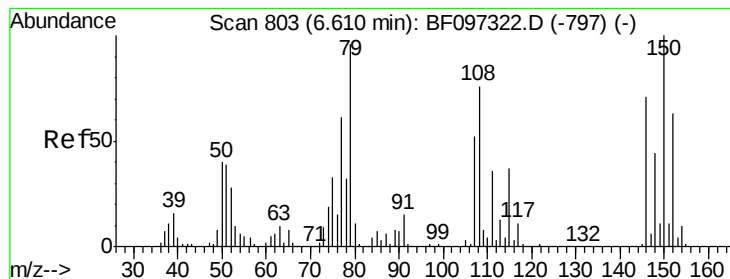
Tot Ion:146 Resp: 207081
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.2
 111 44.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 29.29 ng
 RT: 6.58 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:146 Resp: 177455
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 45.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 35.93 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

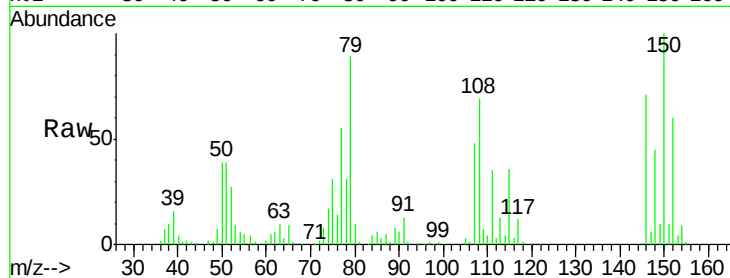
Tot Ion: 79 Resp: 157752

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

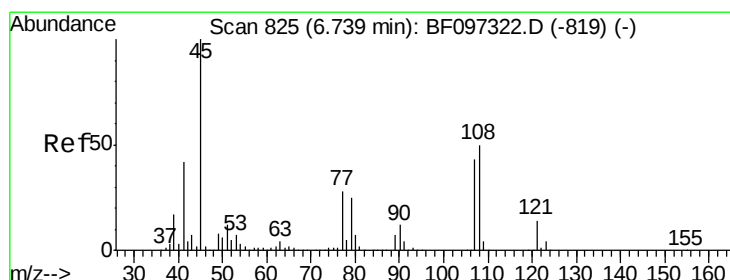
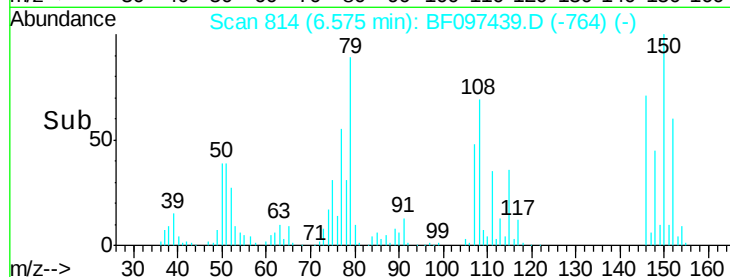
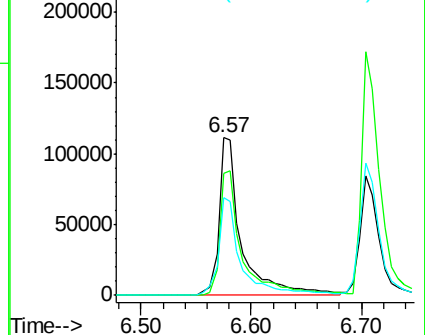
77 62.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.84 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

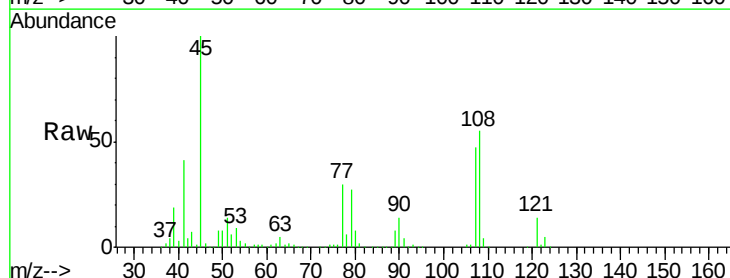
Tgt Ion: 45 Resp: 428513

Ion Ratio Lower Upper

45 100

77 30.0 0.0 33.2

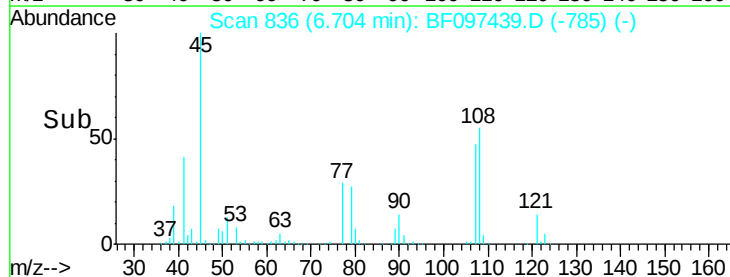
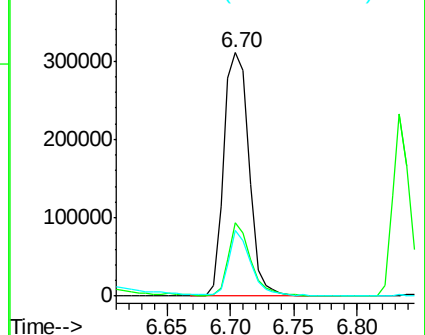
79 27.1 0.0 30.0

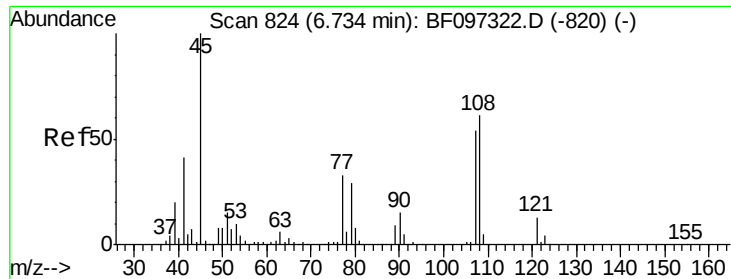


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.00 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

Tot Ion:107 Resp: 170441

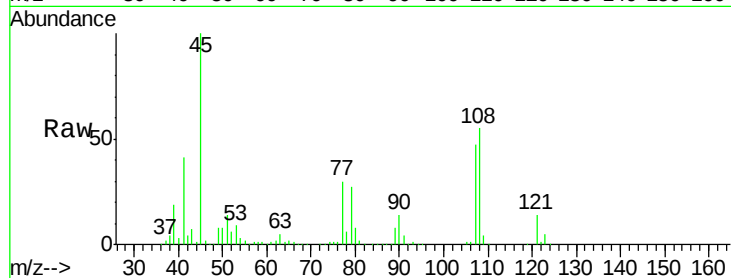
Ion Ratio Lower Upper

107 100

108 116.7 93.4 140.0

77 63.2 35.8 53.6#

79 57.0 34.8 52.2#

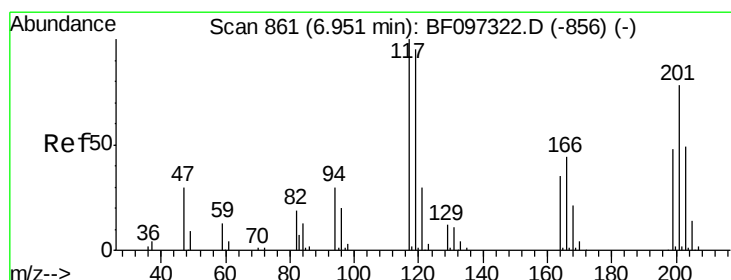
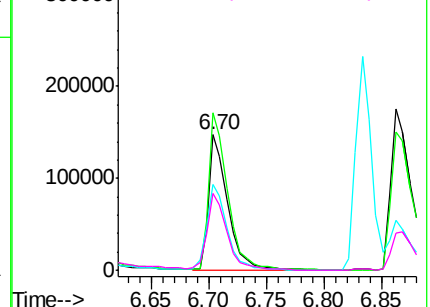
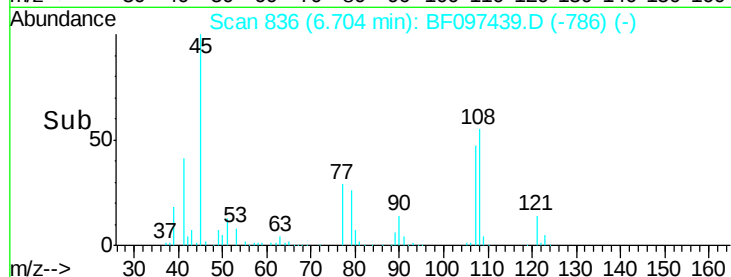


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.56 ng

RT: 6.92 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

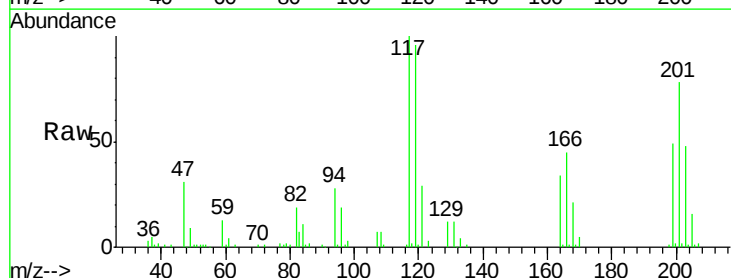
Tgt Ion:117 Resp: 72486

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

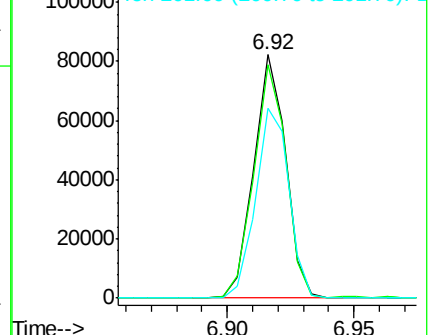
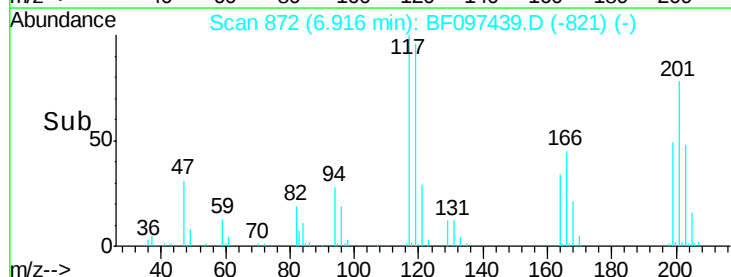
201 78.0 94.6 141.8#

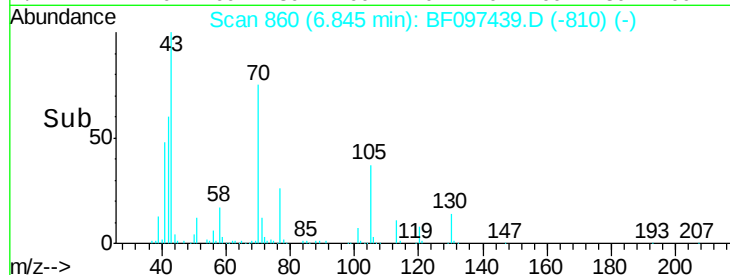
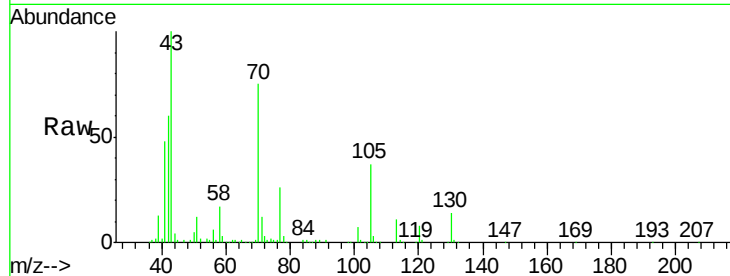
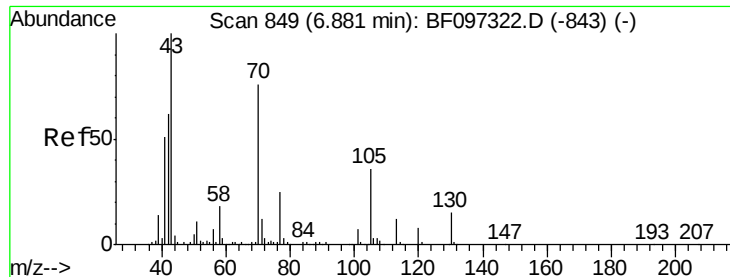


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

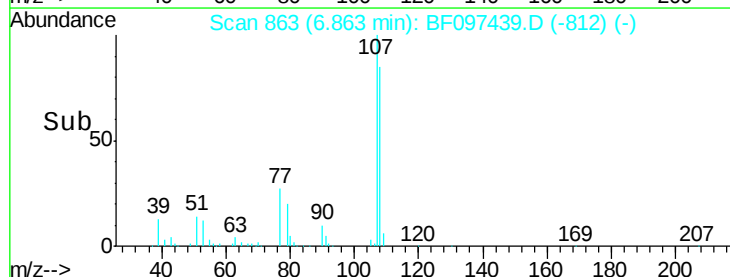
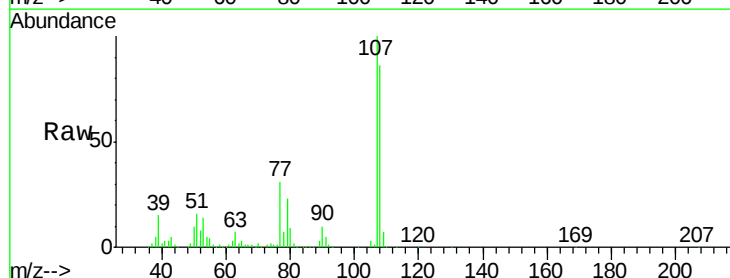
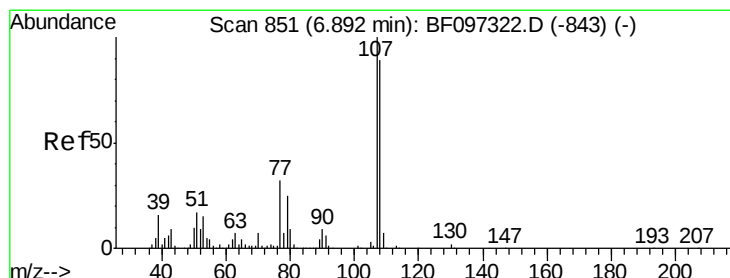
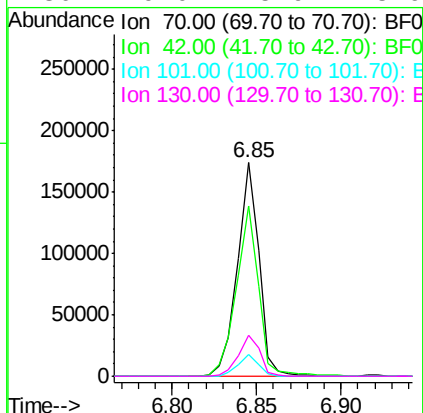




#19
n-Nitroso-di-n-propylamine
Concen: 33.80 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

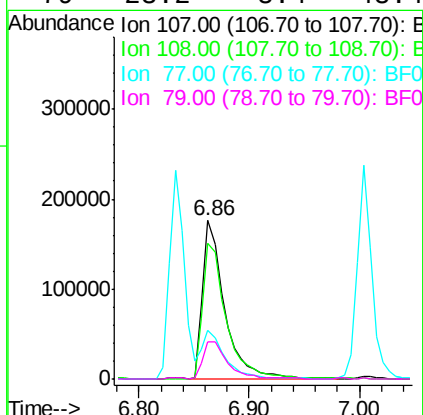
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

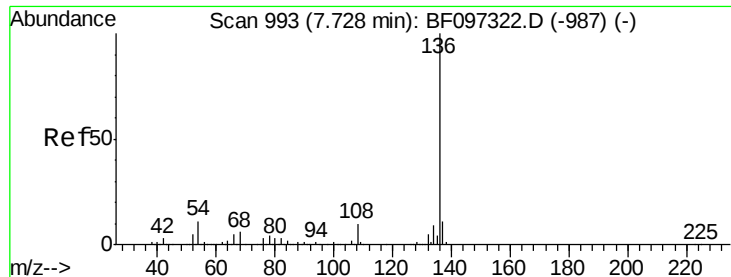
Tot Ion: 70 Resp: 154308
Ion Ratio Lower Upper
70 100
42 79.6 47.2 70.8#
101 9.9 7.2 10.8
130 19.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.10 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:107 Resp: 236358
Ion Ratio Lower Upper
107 100
108 85.9 71.0 111.0
77 30.9 90.5 130.5#
79 23.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.70 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

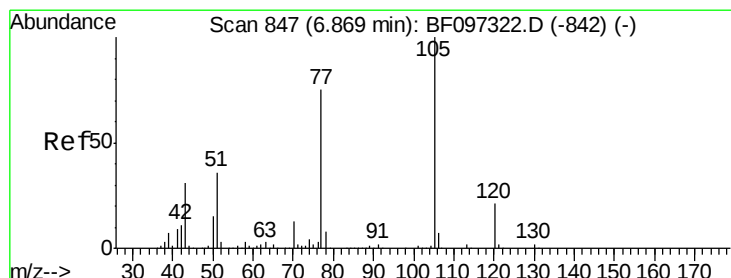
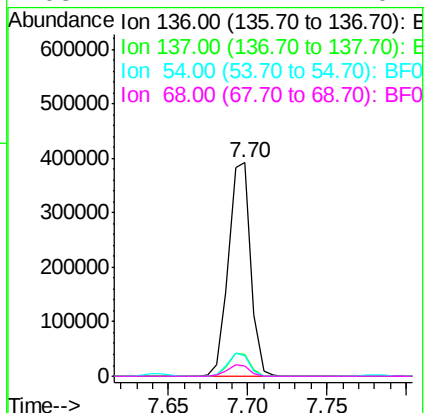
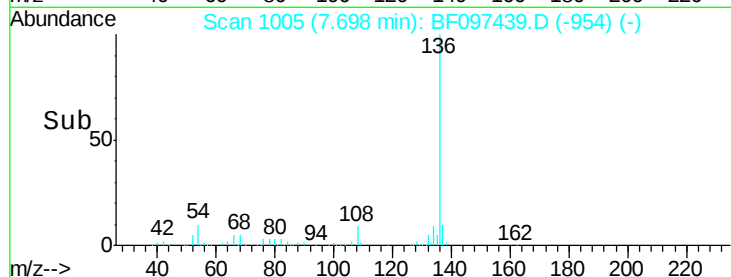
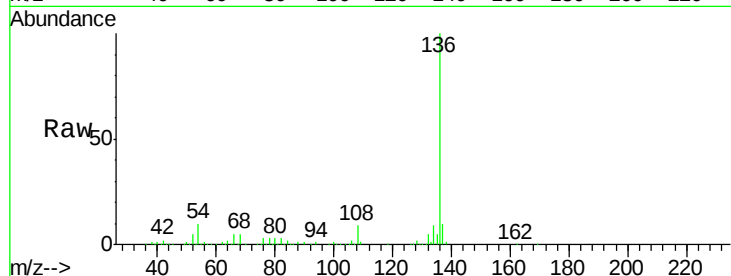
ClientSampleId :

TEC-BNMS

Tot Ion:136 Resp: 379963

Ion Ratio Lower Upper

136	100		
137	10.0	8.5	12.7
54	9.6	4.9	7.3#
68	4.7	4.1	6.1



#22

Acetophenone

Concen: 32.43 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

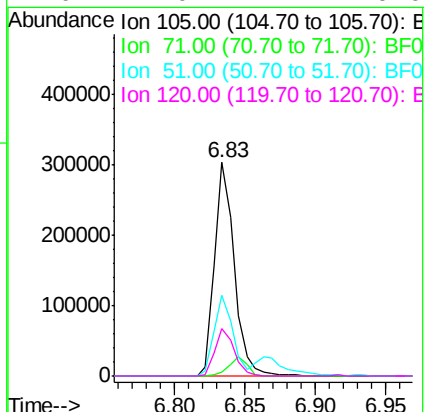
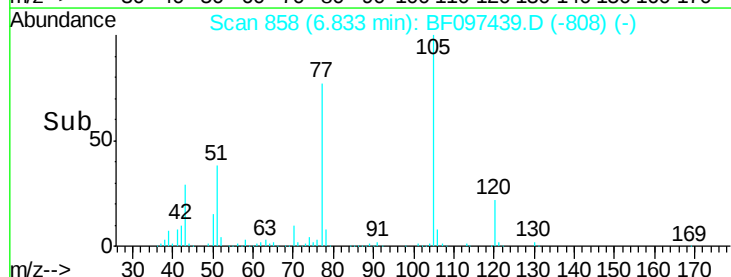
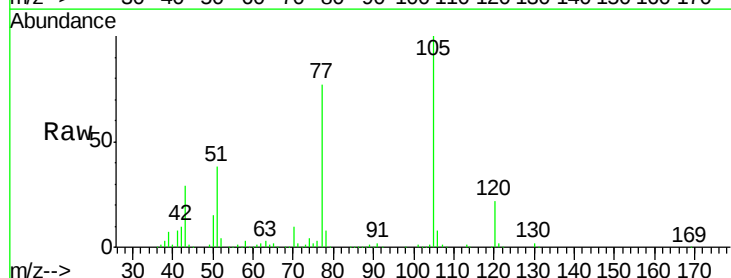
Lab File: BF097439.D

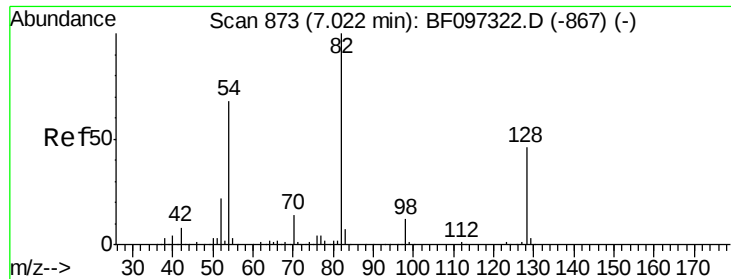
Acq: 7 Aug 2017 19:55

Tgt Ion:105 Resp: 295929

Ion Ratio Lower Upper

105	100		
71	1.7	2.8	4.2#
51	37.9	30.7	46.1
120	22.0	17.4	26.0

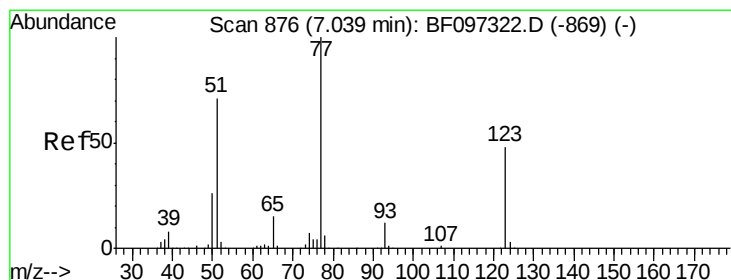
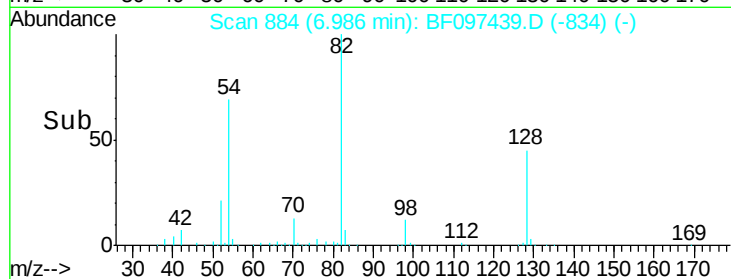
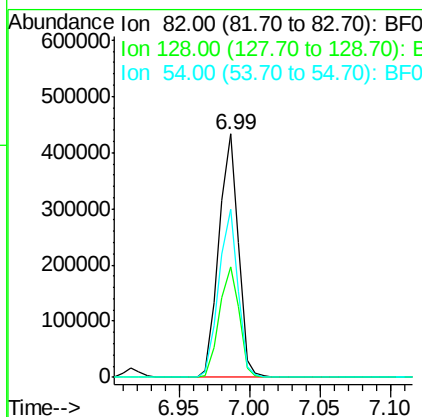
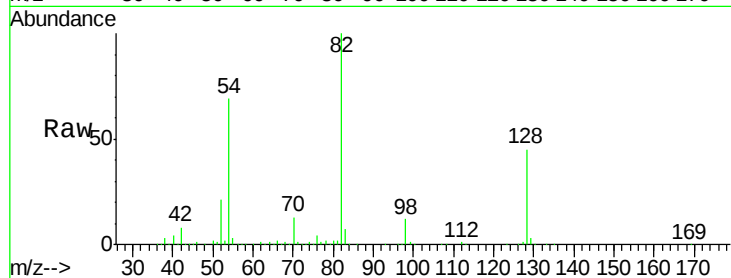




#23
 Nitrobenzene-d5
 Concen: 64.27 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

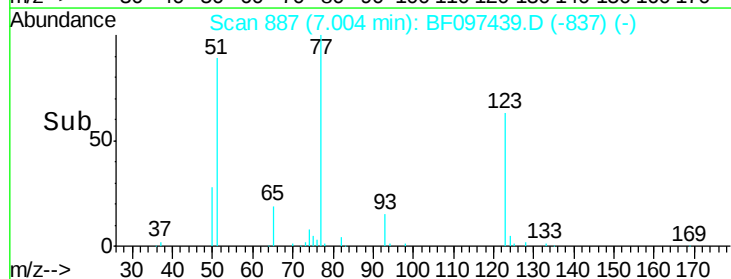
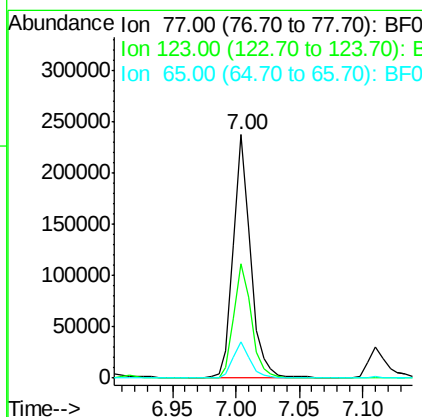
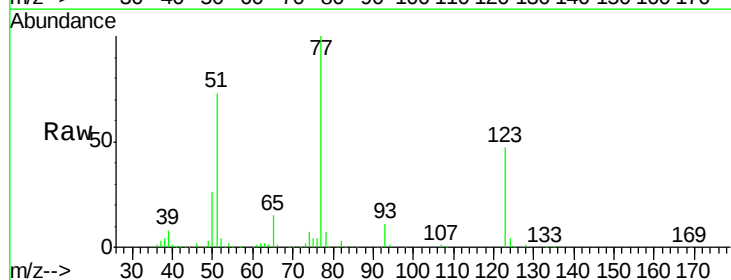
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

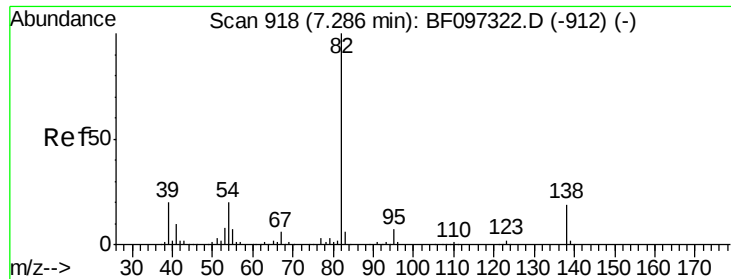
Tot Ion: 82 Resp: 416292
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 69.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 32.77 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion: 77 Resp: 221073
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.8 53.8
 65 14.9 10.6 15.8





#25

Isophorone

Concen: 29.69 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

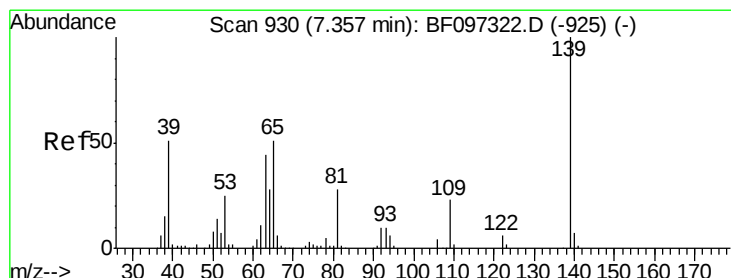
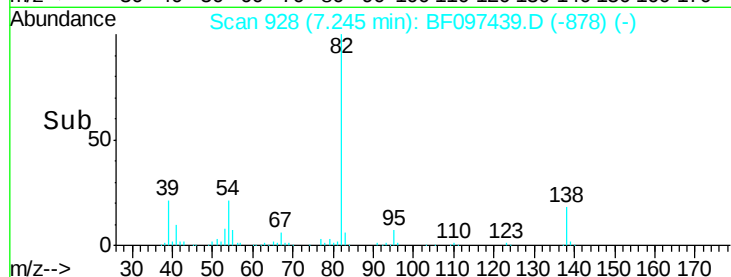
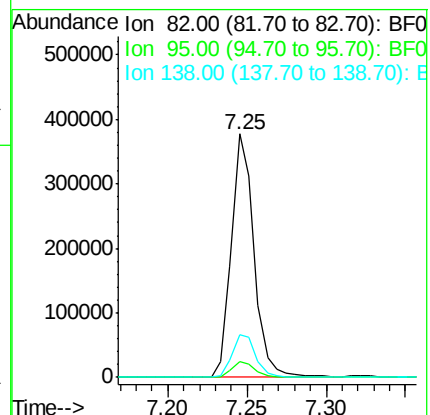
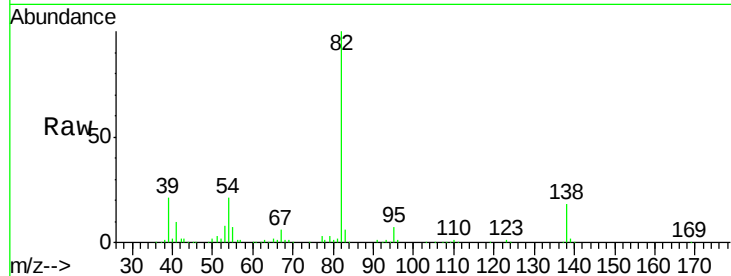
Tot Ion: 82 Resp: 376652

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.7 13.1 19.7



#26

2-Nitrophenol

Concen: 28.33 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

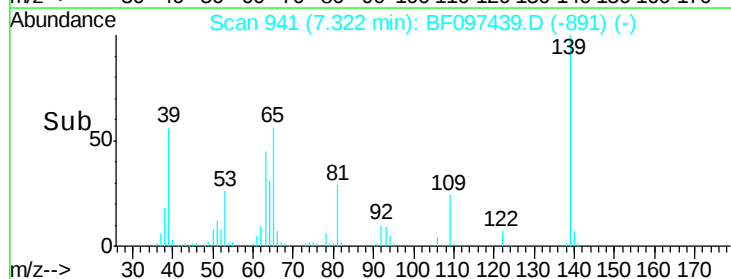
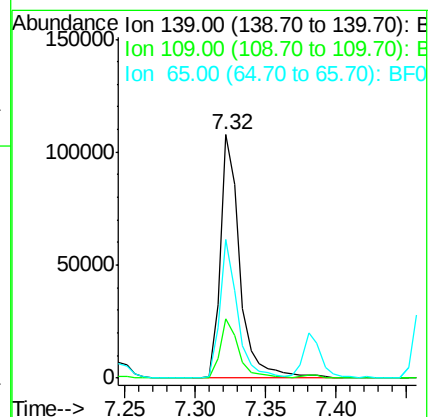
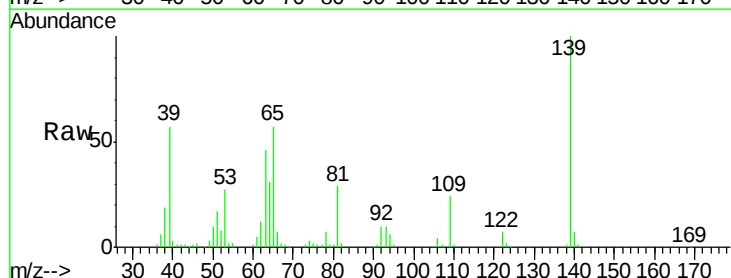
Tgt Ion: 139 Resp: 103386

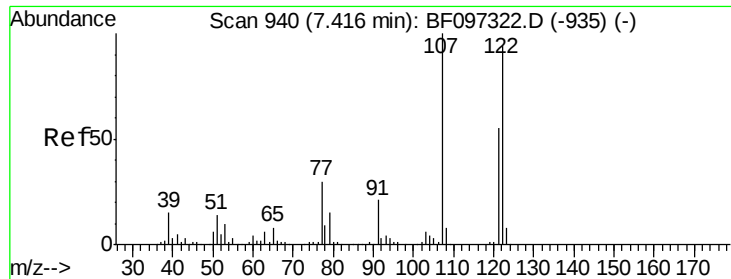
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 56.9 33.0 49.6#

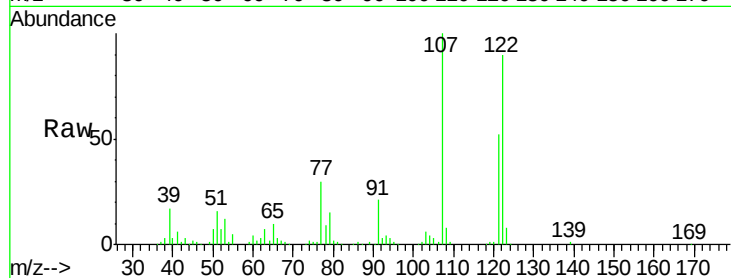




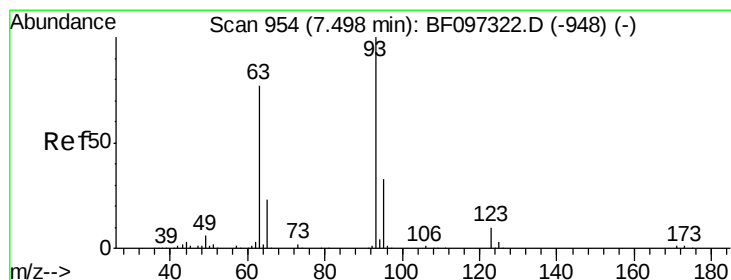
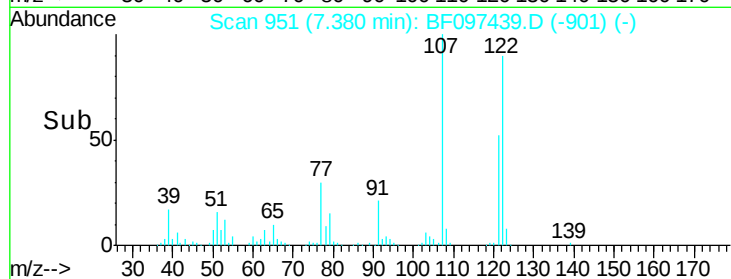
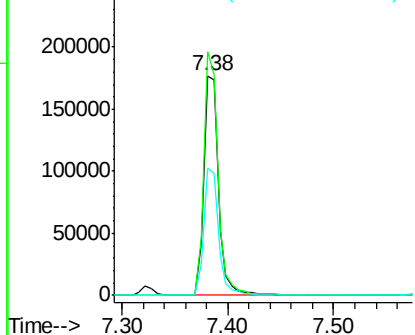
#27
 2,4-Dimethylphenol
 Concen: 28.36 ng
 RT: 7.38 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion:122 Resp: 170758
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.2 133.8
 121 58.0 45.2 67.8

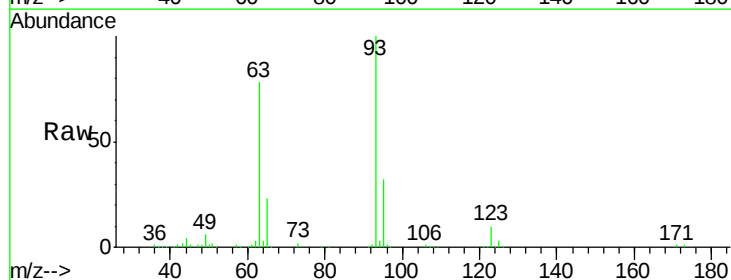


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

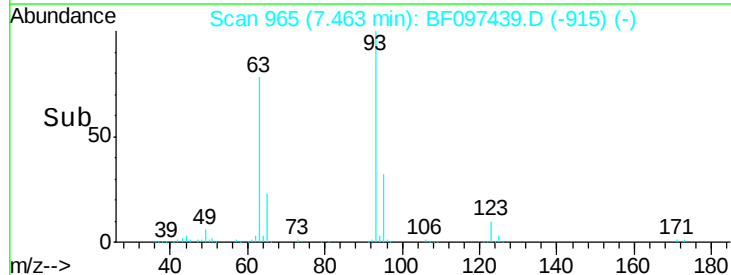
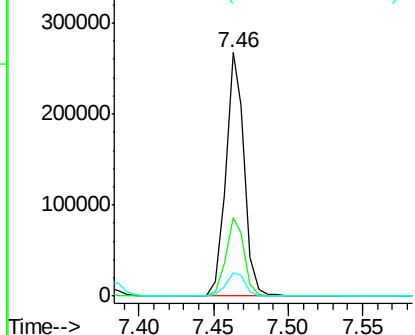


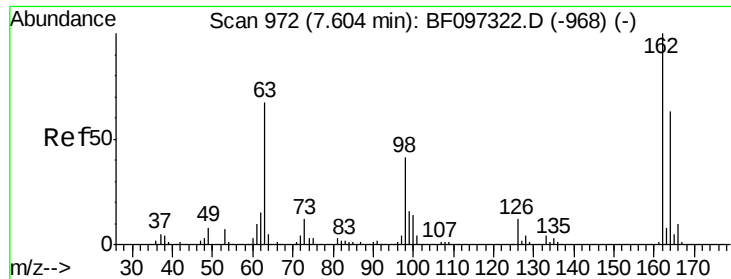
#28
 bis(2-Chloroethoxy)methane
 Concen: 28.16 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion: 93 Resp: 233090
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 9.8 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

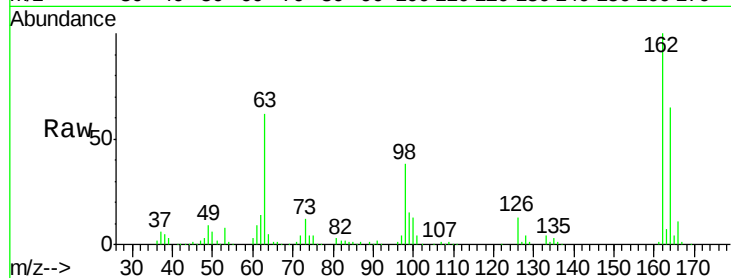




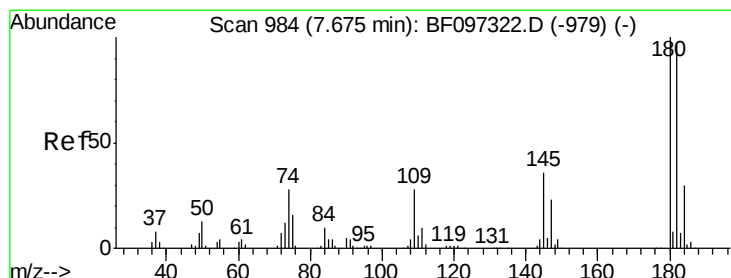
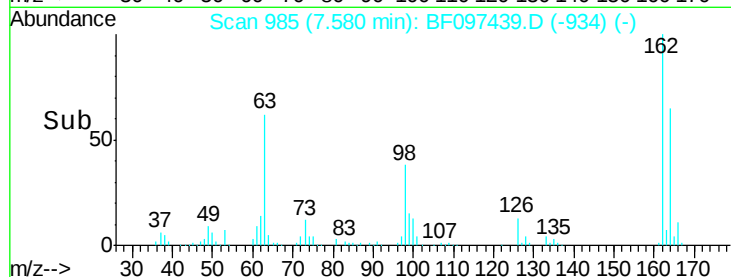
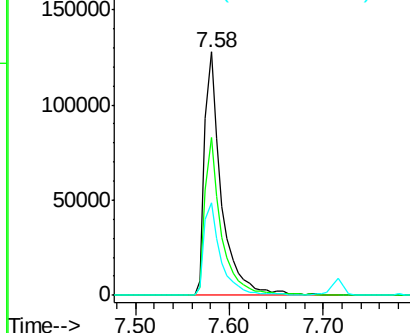
#29
2,4-Dichlorophenol
Concen: 30.79 ng
RT: 7.58 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

Tot Ion:162 Resp: 159690
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 37.8 14.8 54.8

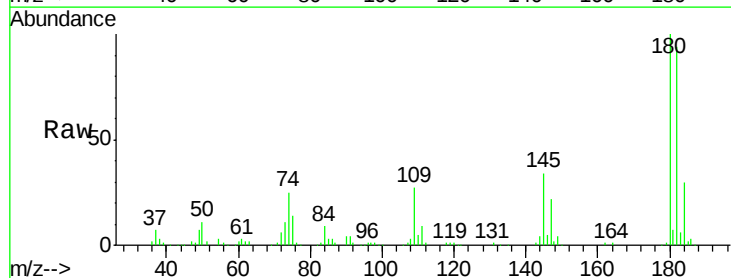


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

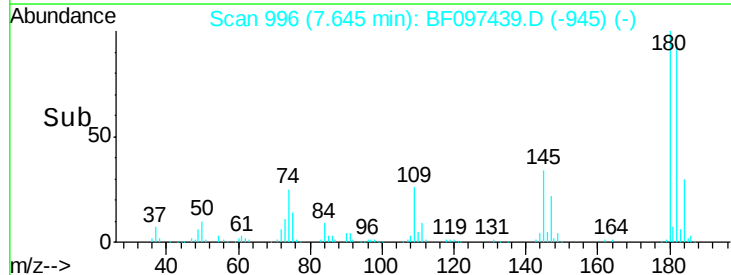
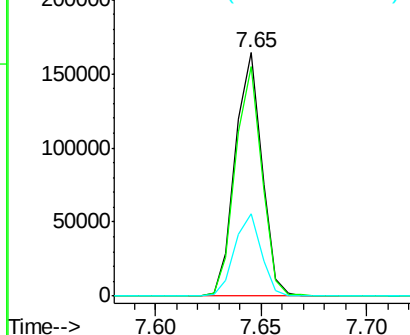


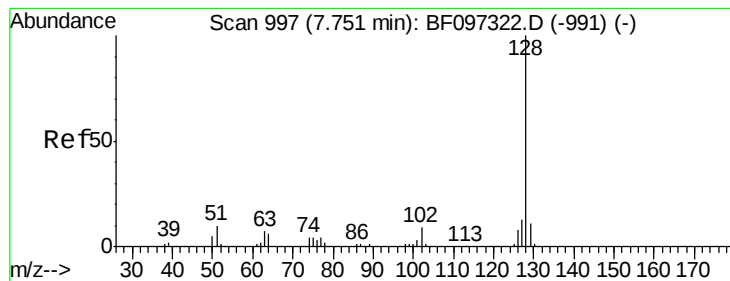
#30
1,2,4-Trichlorobenzene
Concen: 28.84 ng
RT: 7.65 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:180 Resp: 142585
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 33.7 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: 31.70 ng

RT: 7.72 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

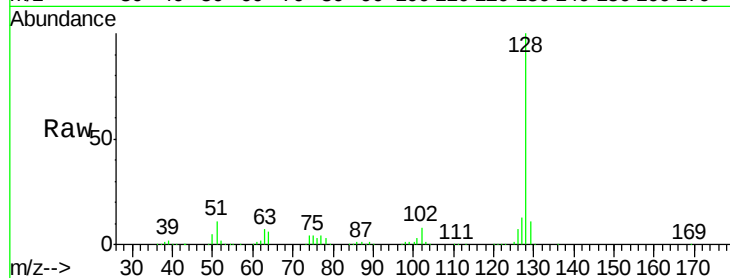
Tot Ion:128 Resp: 567864

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

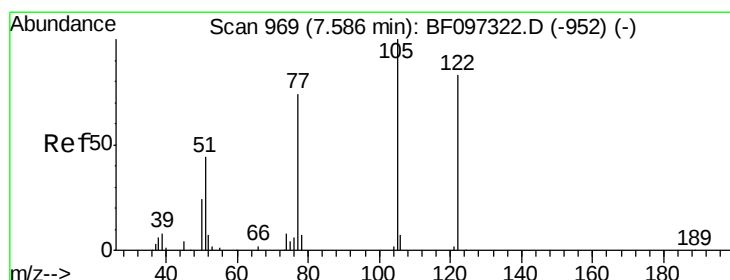
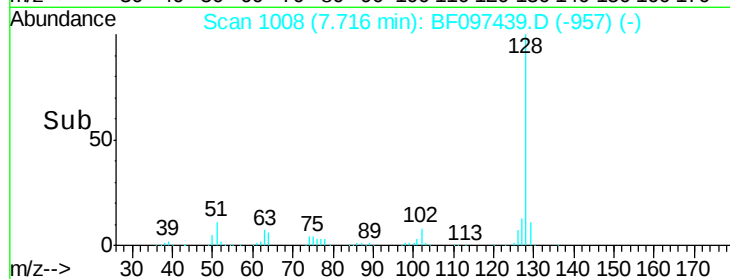
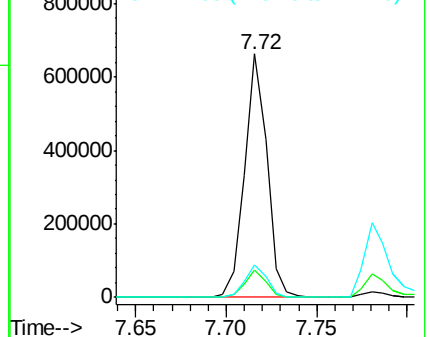
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.99 ng

RT: 7.38 min Scan# 951

Delta R.T. -0.19 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

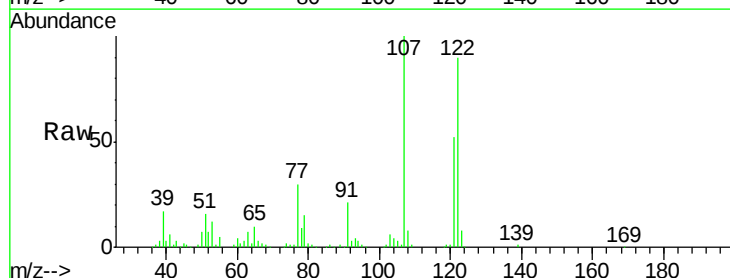
Tgt Ion:122 Resp: 170758

Ion Ratio Lower Upper

122 100

105 3.8 103.3 143.3#

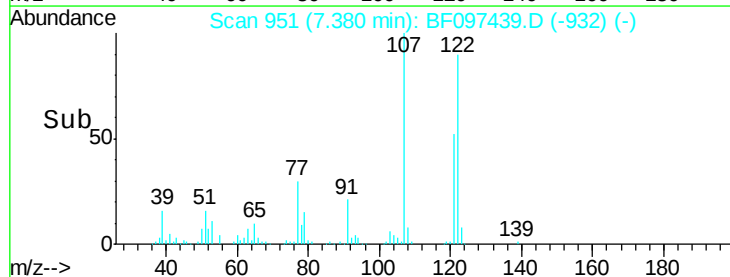
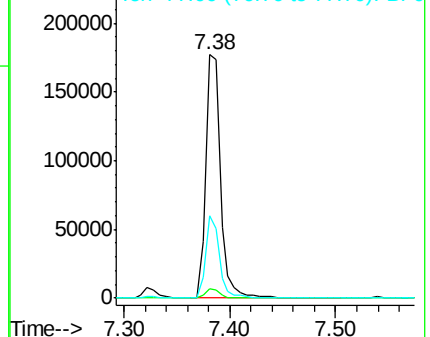
77 33.6 73.7 113.7#

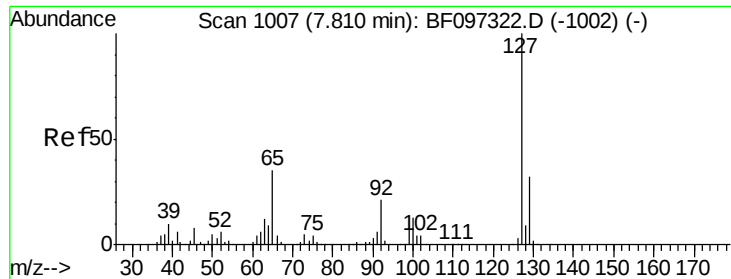


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

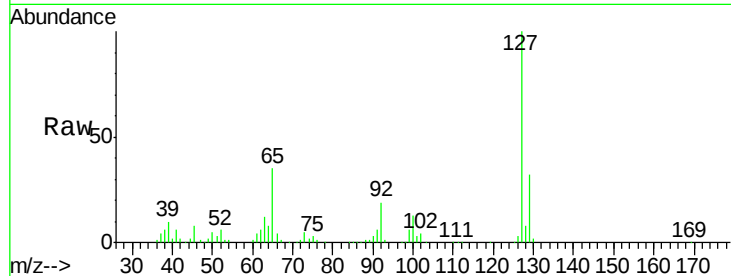




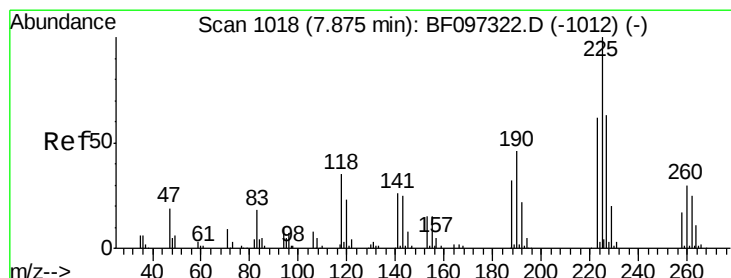
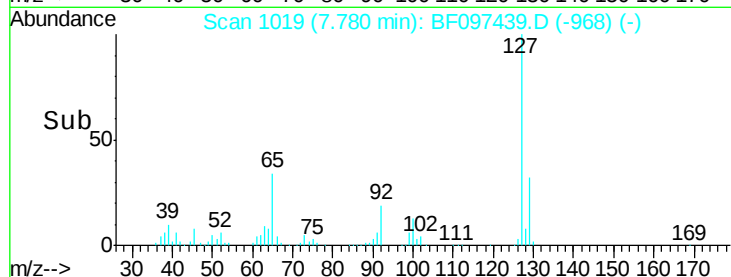
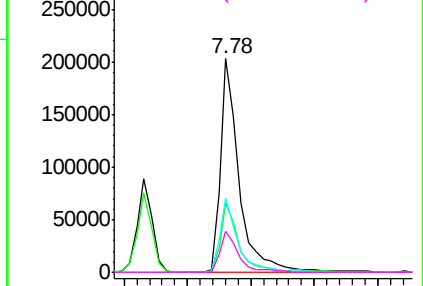
#33
4-Chloroaniline
Concen: 28.66 ng
RT: 7.78 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

Tot Ion:	127	Resp:	208902
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	34.7	27.8	41.8
92	19.3	16.8	25.2

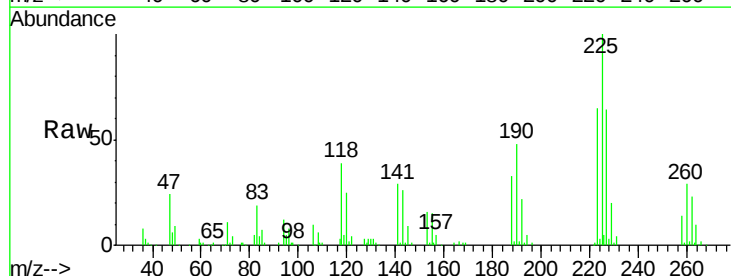


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

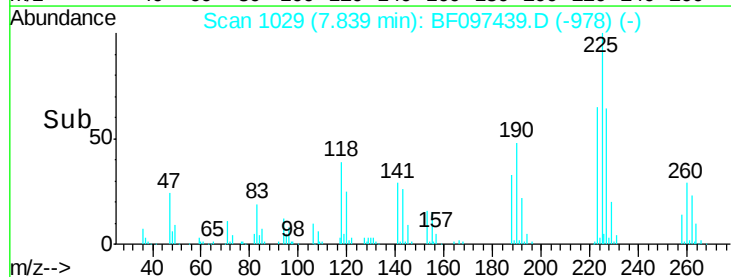
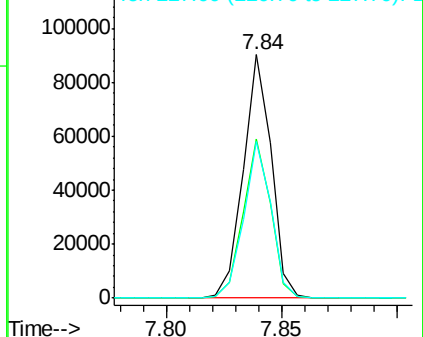


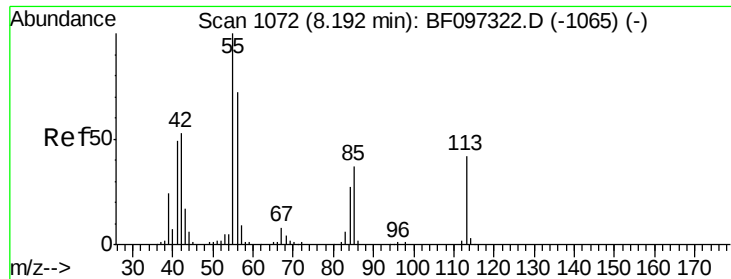
#34
Hexachlorobutadiene
Concen: 29.21 ng
RT: 7.84 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:	225	Resp:	76552
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	64.3	51.1	76.7



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





#35

Caprolactam

Concen: 33.38 ng

RT: 8.15 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

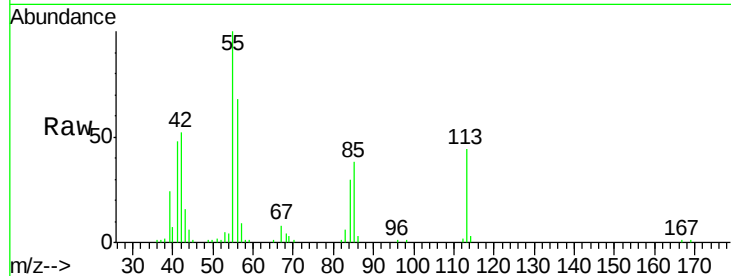
Tot Ion:113 Resp: 55519

Ion Ratio Lower Upper

113 100

55 229.6 150.2 190.2#

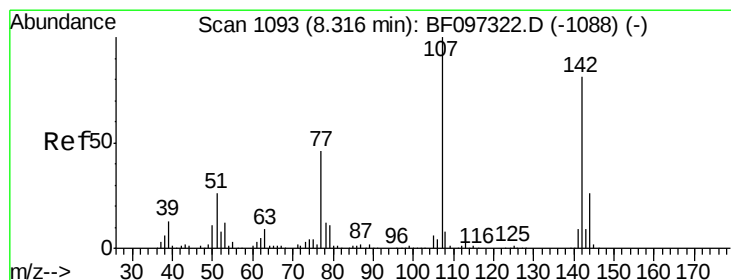
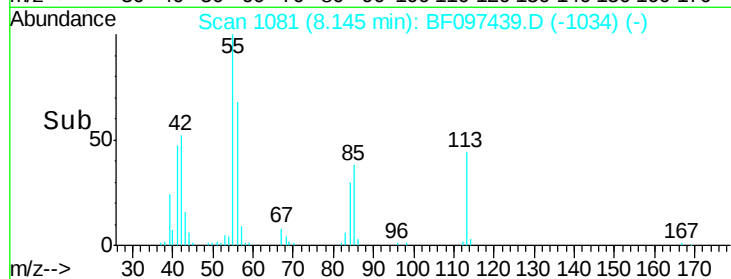
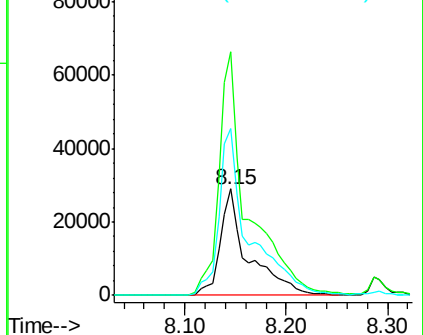
56 157.2 107.8 147.8#



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: 31.53 ng

RT: 8.29 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

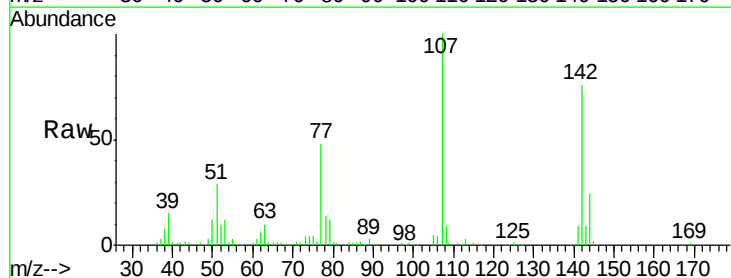
Tgt Ion:107 Resp: 178410

Ion Ratio Lower Upper

107 100

144 24.2 24.2 36.4#

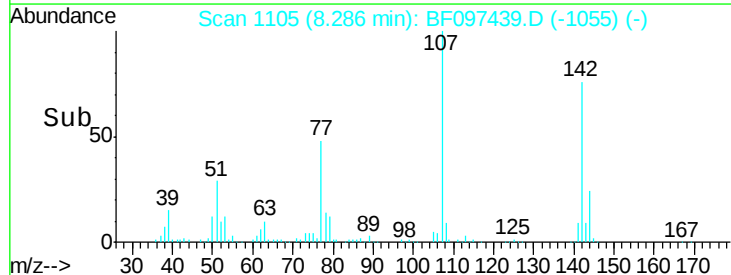
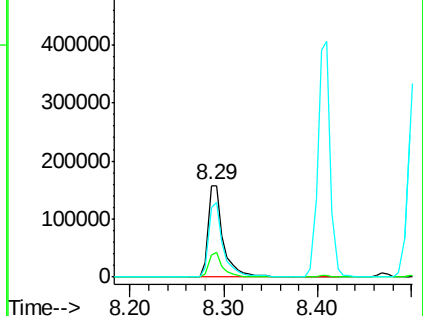
142 76.0 73.4 110.0

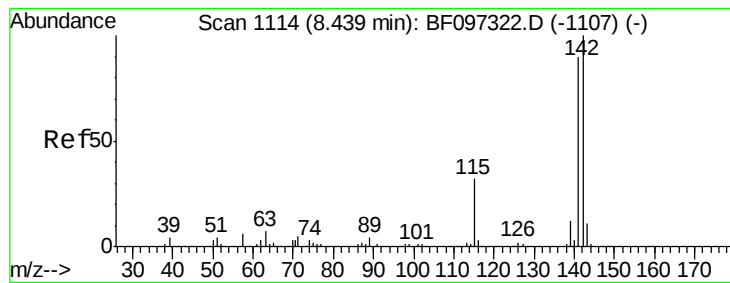


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

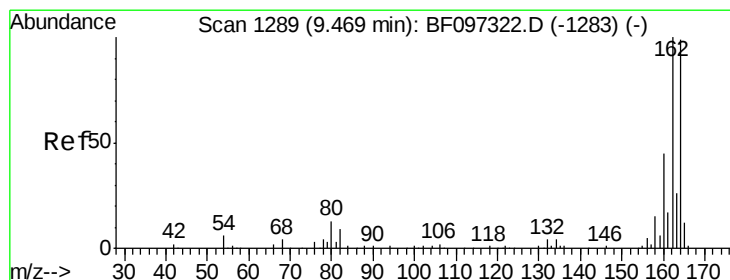
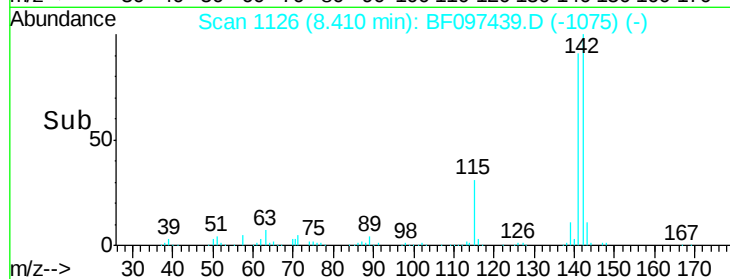
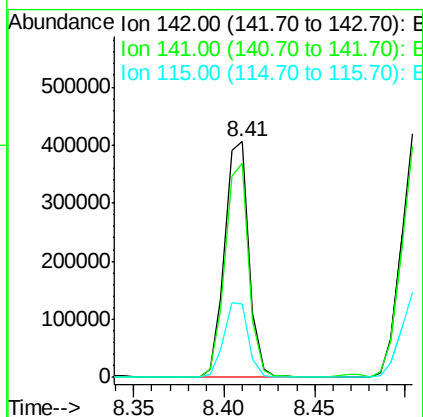
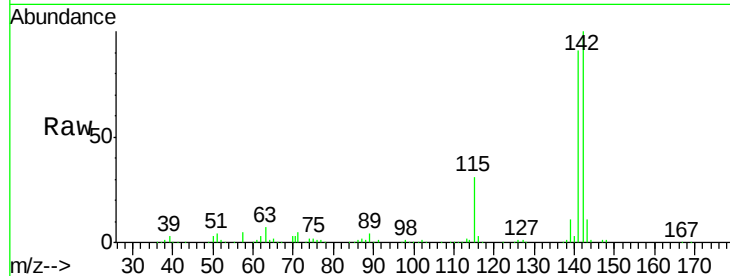




#37
2-Methylnaphthalene
Concen: 33.58 ng
RT: 8.41 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

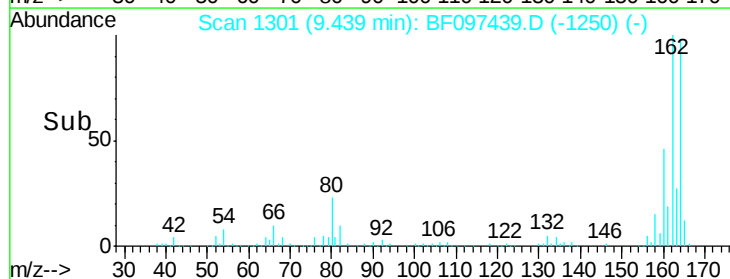
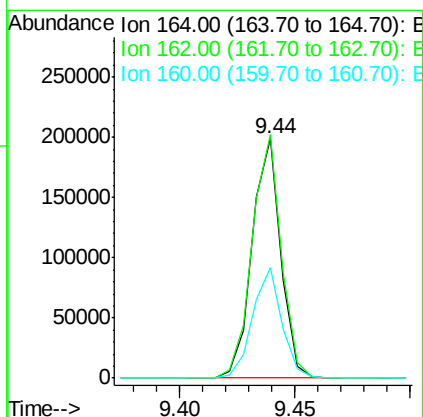
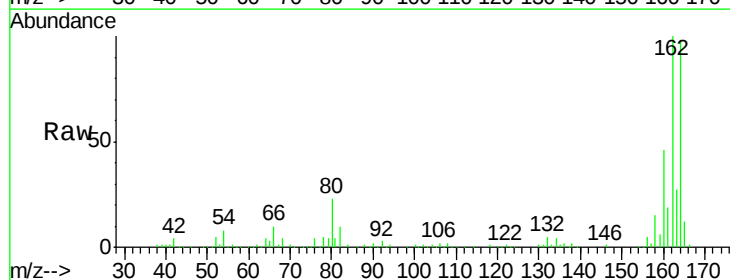
Instrument :
BNA_F
ClientSampled :
TEC-BNMS

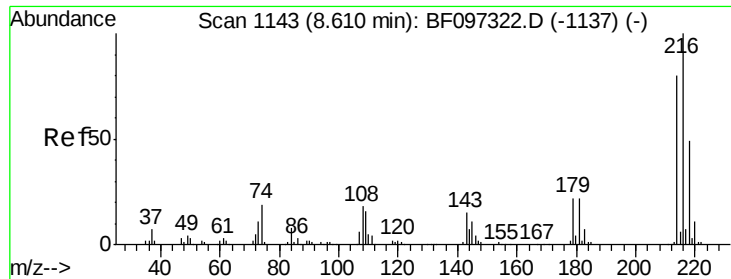
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	31.0	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	46.4	36.2	54.2

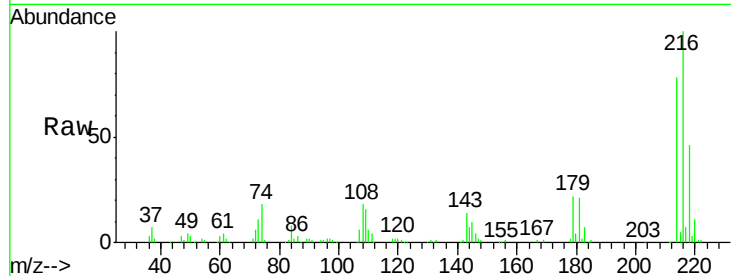




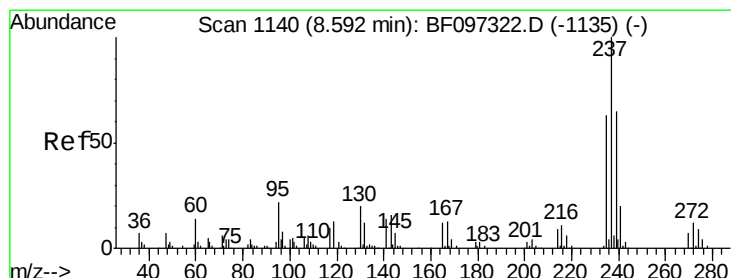
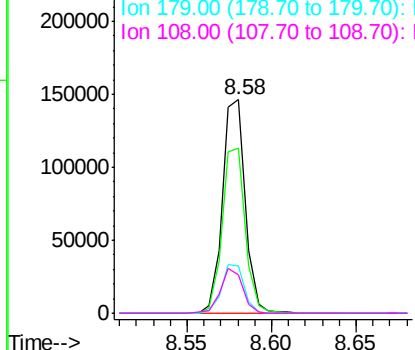
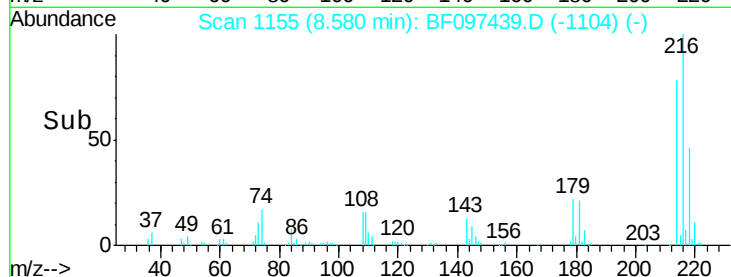
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.90 ng
 RT: 8.58 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion:216 Resp: 137489
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.4 95.2
 179 22.7 17.9 26.9
 108 20.6 16.5 24.7

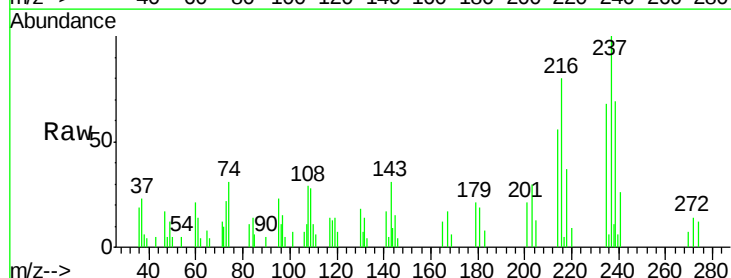


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

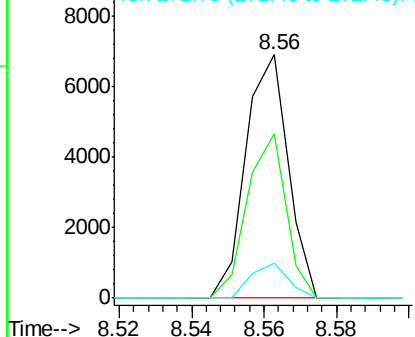
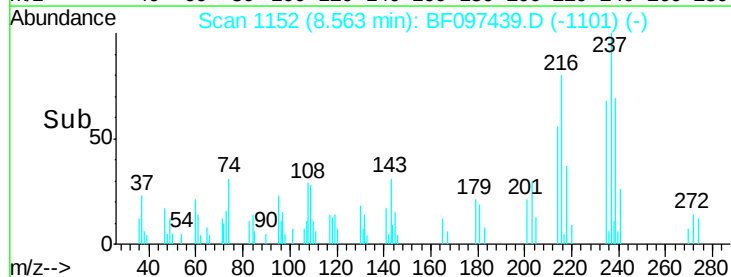


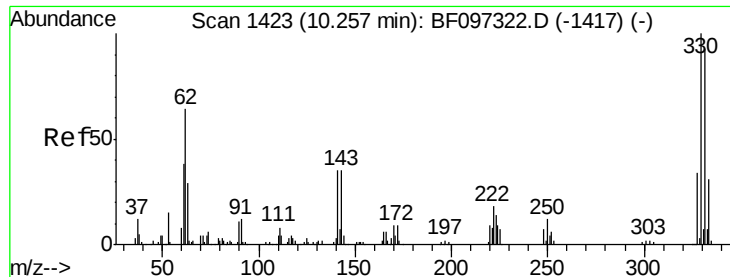
#40
 Hexachlorocyclopentadiene
 Concen: 9.77 ng
 RT: 8.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:237 Resp: 5578
 Ion Ratio Lower Upper
 237 100
 235 67.6 42.6 82.6
 272 14.1 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

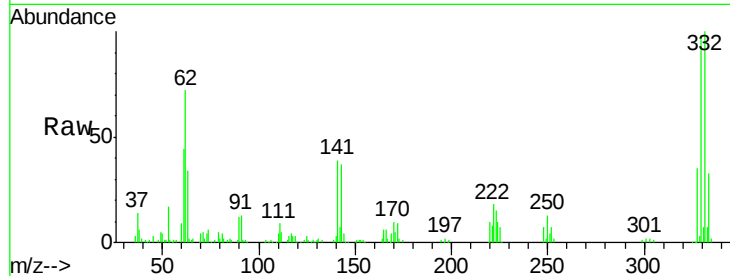




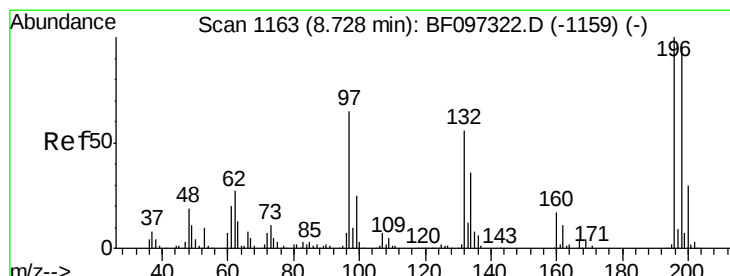
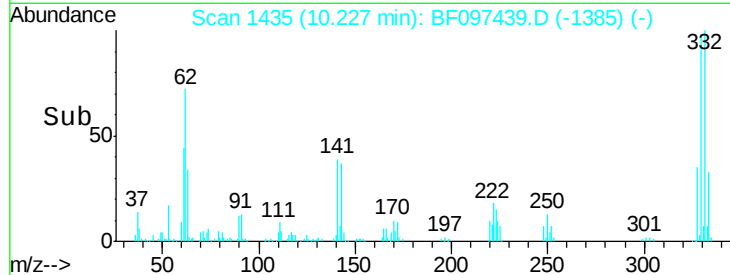
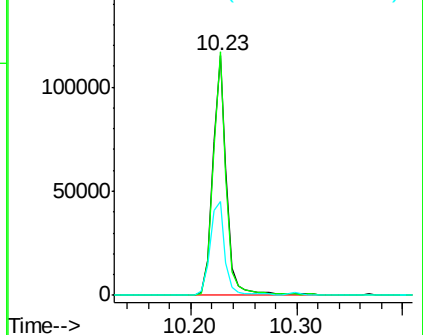
#41
 2,4,6-Tribromophenol
 Concen: 78.02 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion:330 Resp: 106252
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 42.7 31.4 47.2

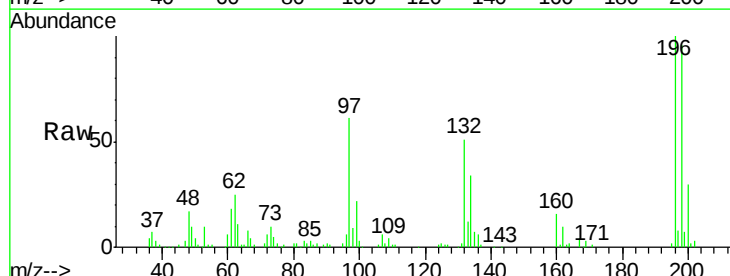


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

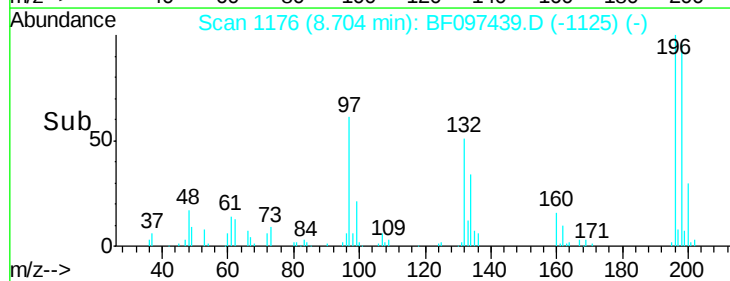
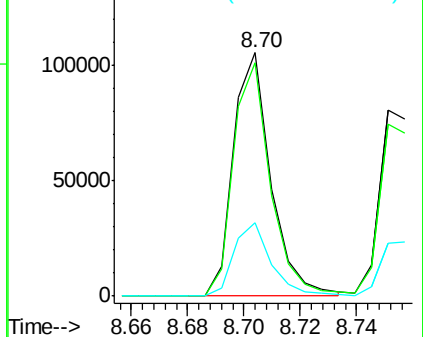


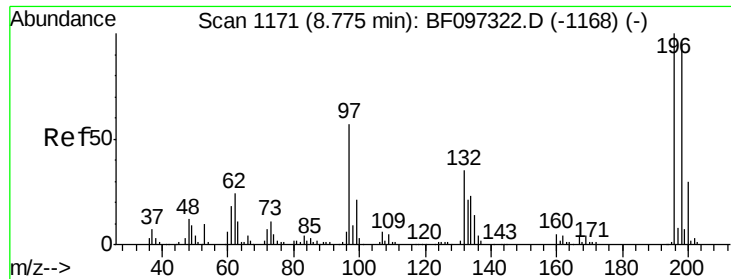
#42
 2,4,6-Trichlorophenol
 Concen: 29.28 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:196 Resp: 97578
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 30.2 24.0 36.0



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

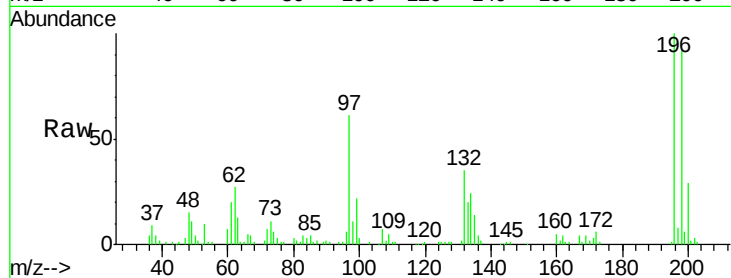




#43
 2,4,5-Trichlorophenol
 Concen: 30.28 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion	196	Resp	100996
Ion Ratio	Lower	Upper	
196	100		
198	92.4	75.7	113.5
97	60.5	47.7	71.5
132	35.3	28.0	42.0



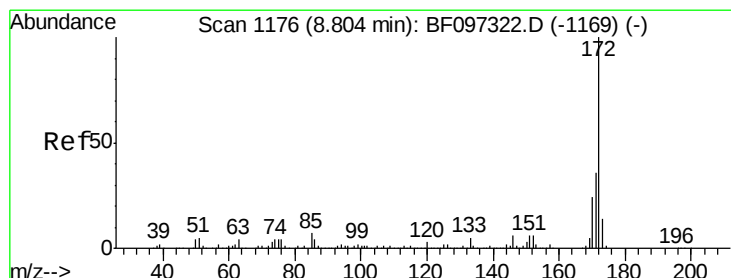
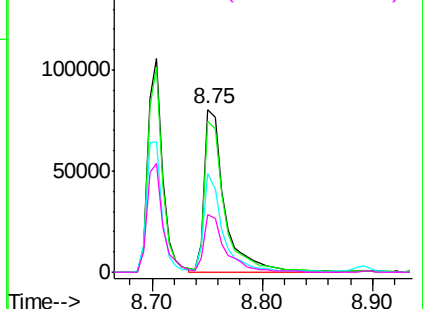
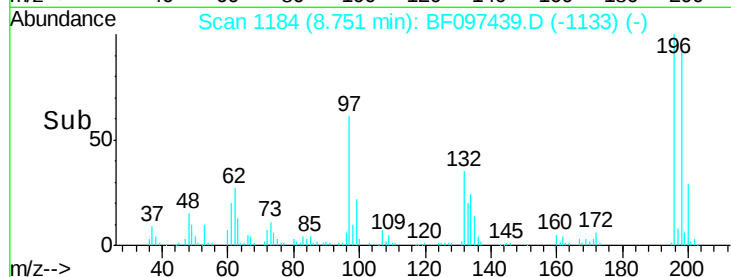
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

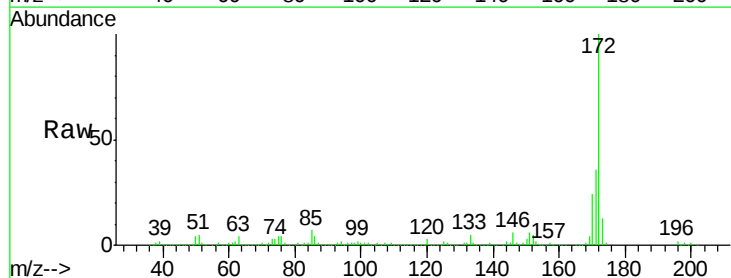
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.83 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion	172	Resp	648312
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8

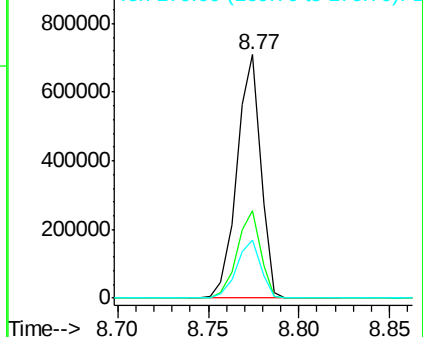
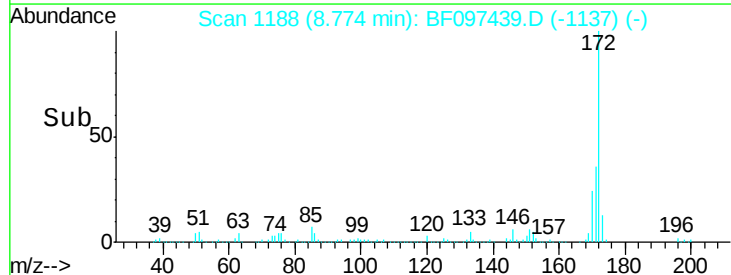


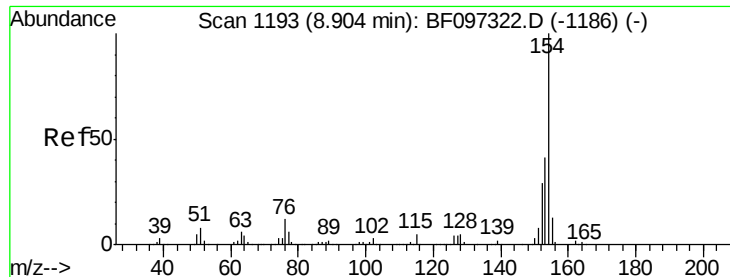
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

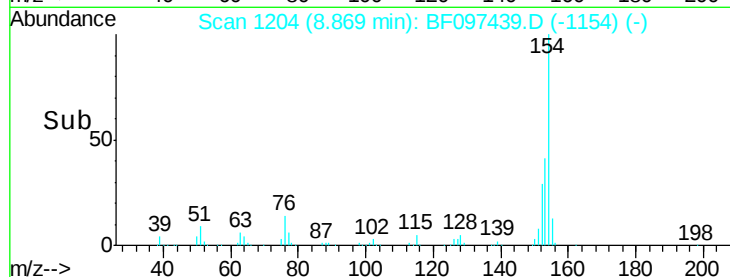
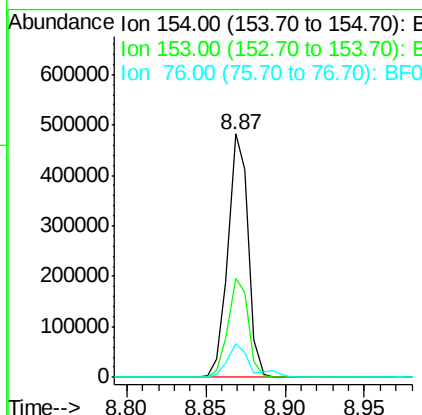
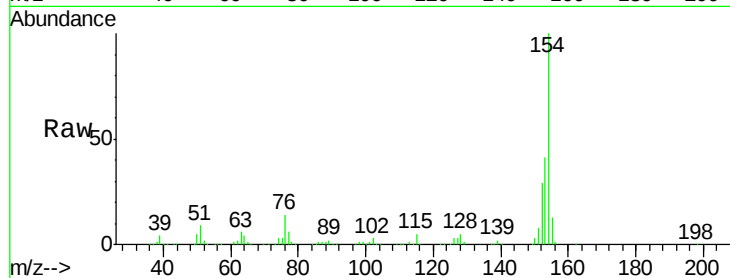




#45
 1,1'-Biphenyl
 Concen: 29.08 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

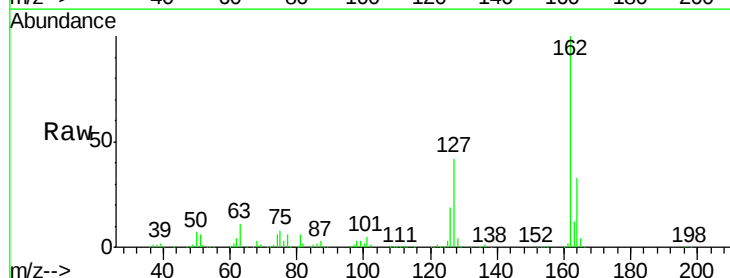
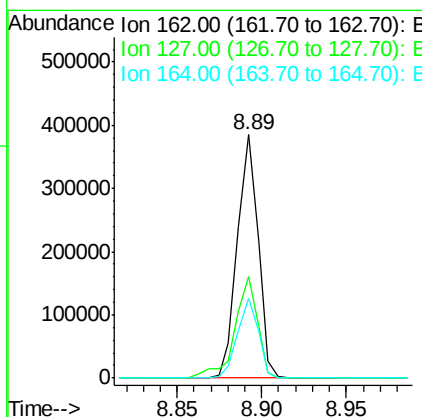
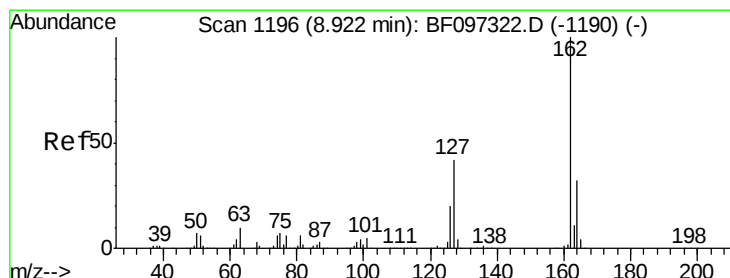
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

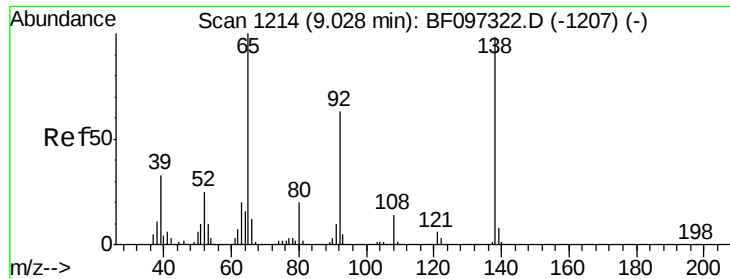
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	13.8	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 30.50 ng
 RT: 8.89 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	28.3	42.5
164	32.8	27.0	40.4

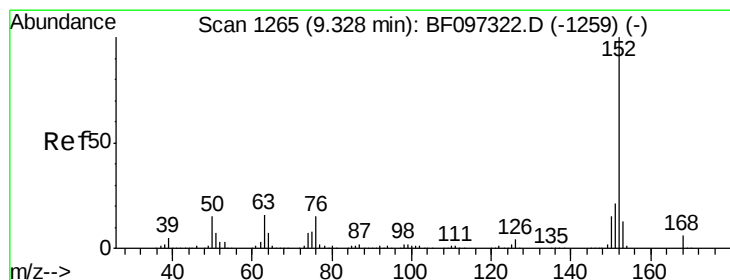
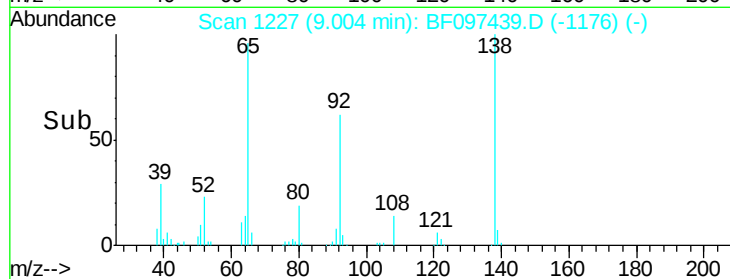
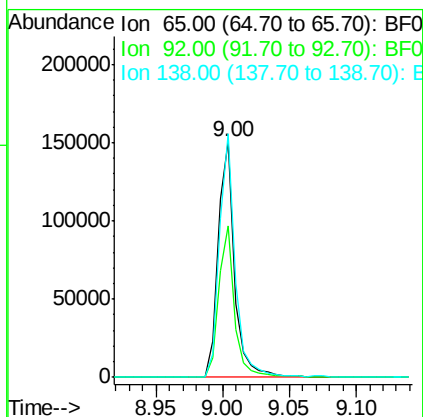
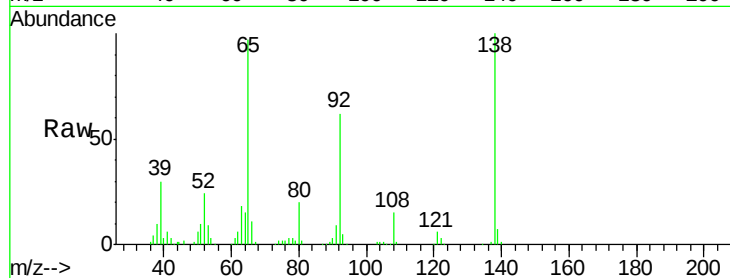




#47
2-Nitroaniline
Concen: 33.55 ng
RT: 9.00 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

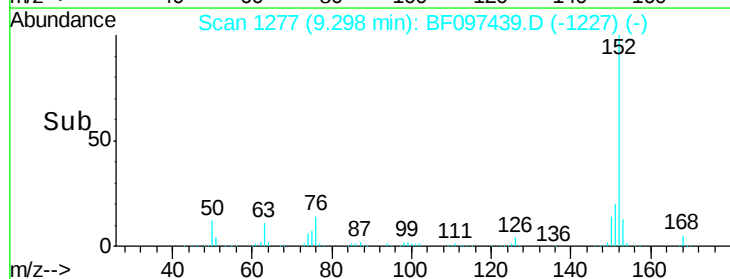
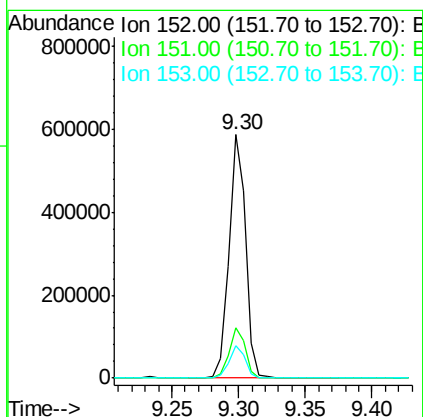
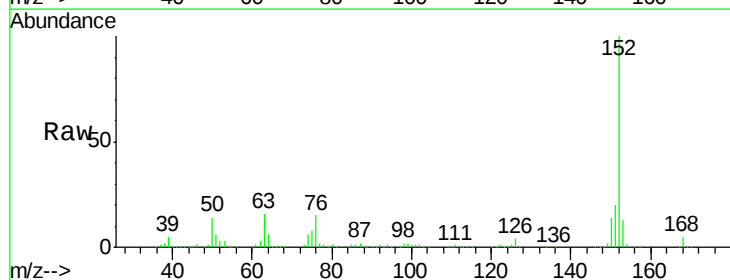
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

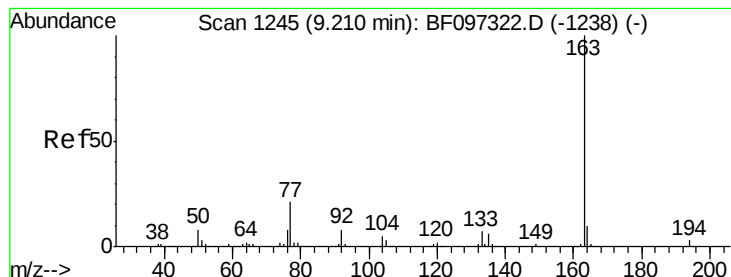
Tot Ion: 65 Resp: 131926
Ion Ratio Lower Upper
65 100
92 64.2 53.9 80.9
138 103.3 78.8 118.2



#48
Acenaphthylene
Concen: 31.01 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion: 152 Resp: 515674
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 37.85 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

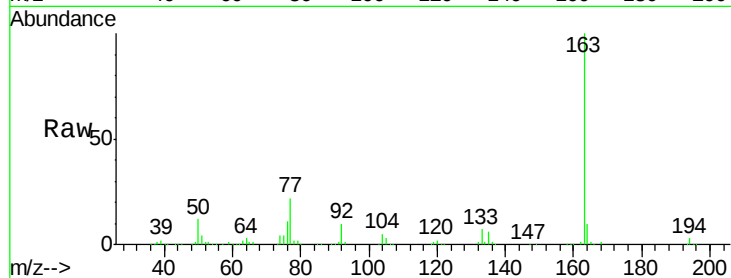
Tot Ion:163 Resp: 495371

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

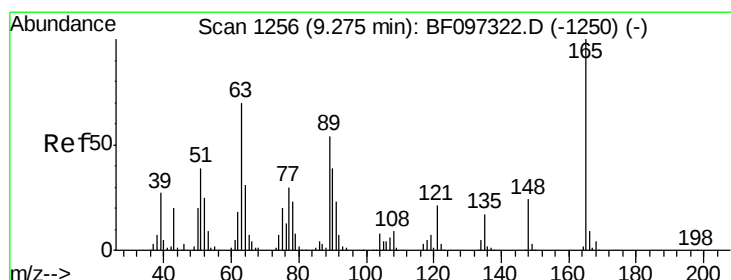
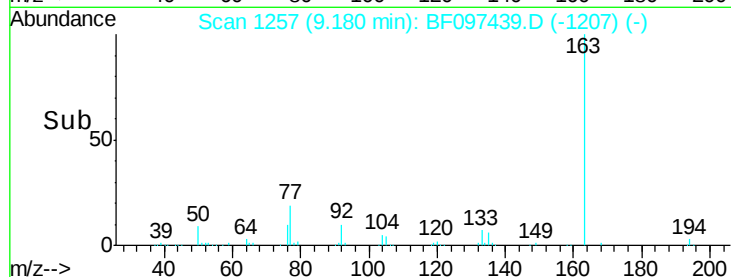
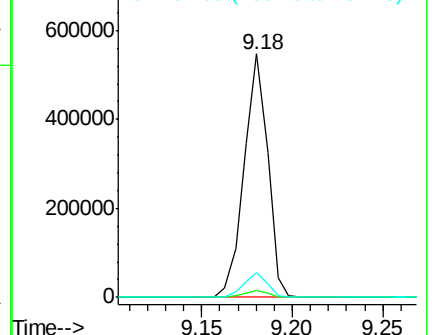
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.51 ng

RT: 9.25 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

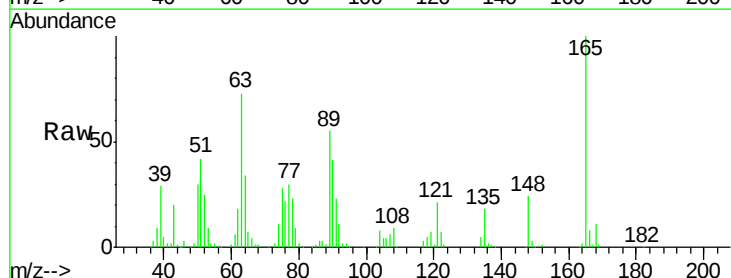
Tgt Ion:165 Resp: 87465

Ion Ratio Lower Upper

165 100

63 72.9 34.3 51.5#

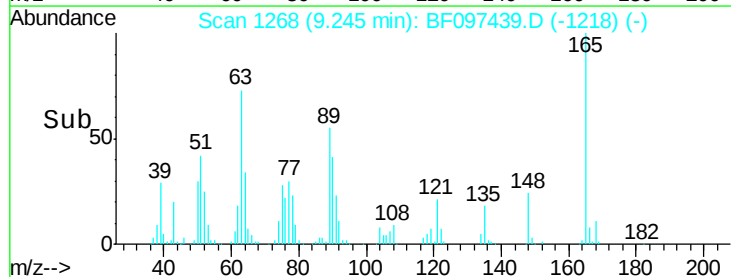
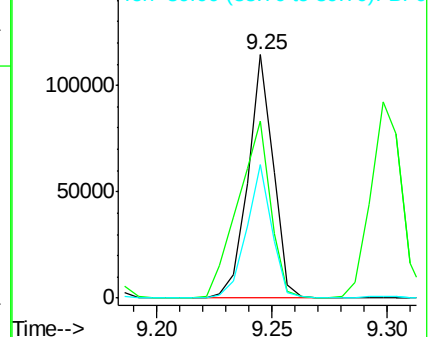
89 54.6 37.1 55.7

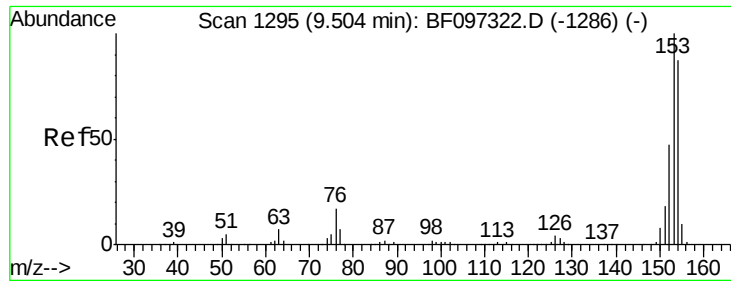


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.22 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

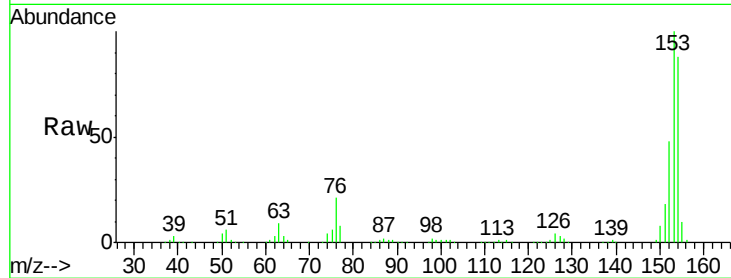
Tot Ion:154 Resp: 305817

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

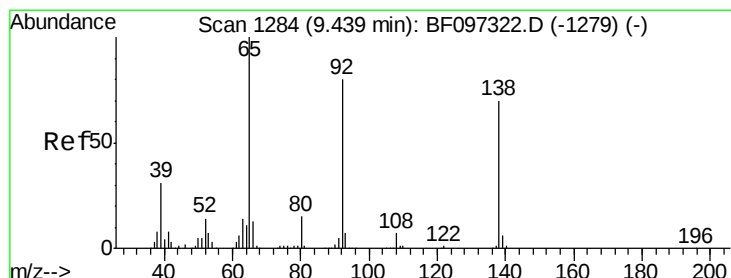
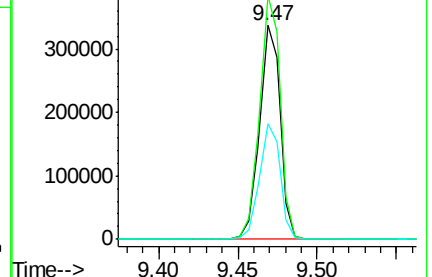
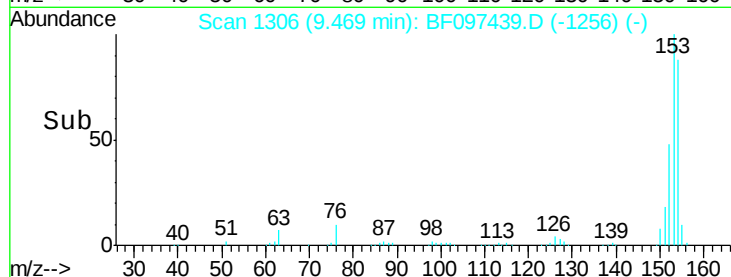
152 54.4 43.6 65.4



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: 28.88 ng

RT: 9.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

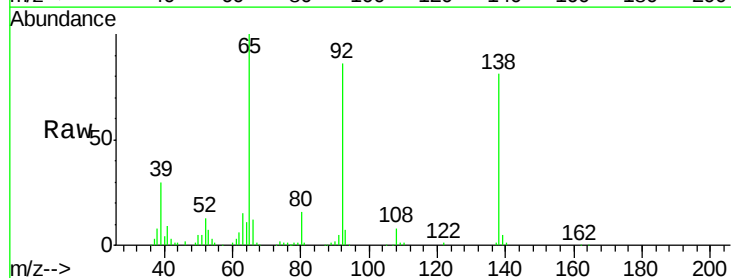
Tgt Ion:138 Resp: 99506

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

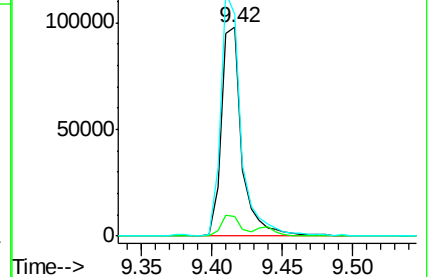
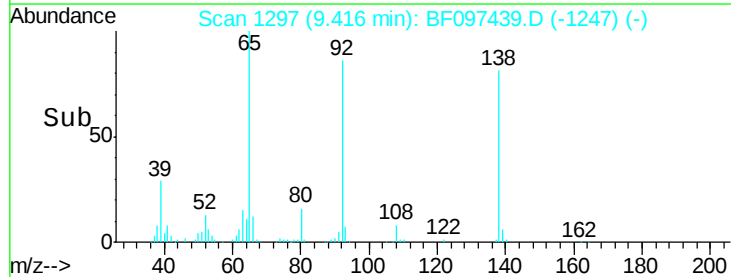
92 106.2 93.8 140.6

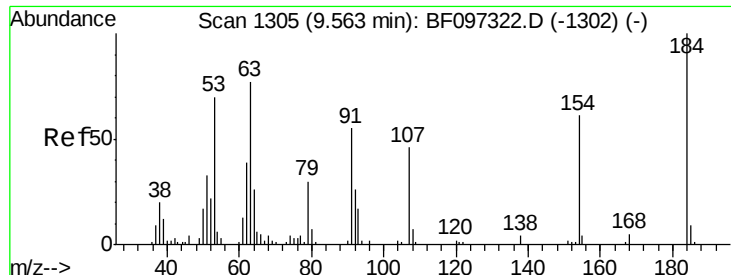


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

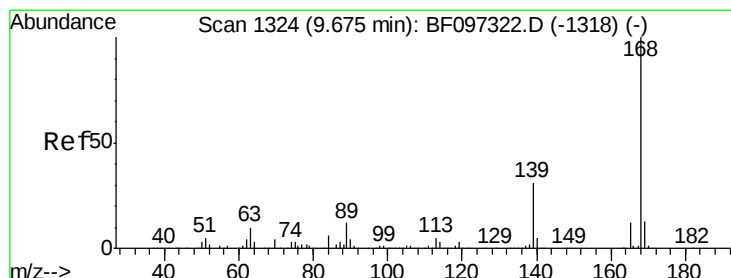
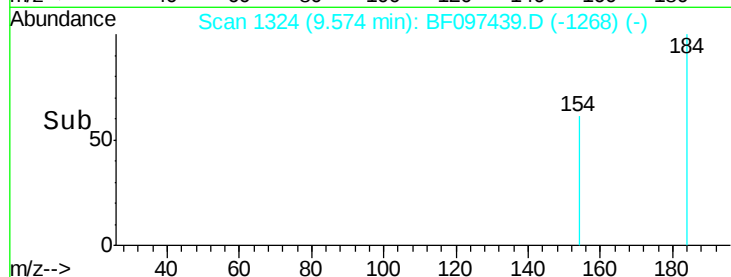
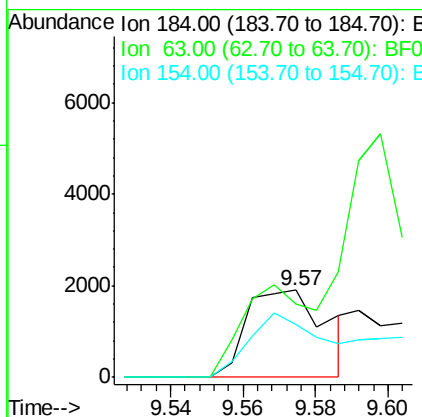
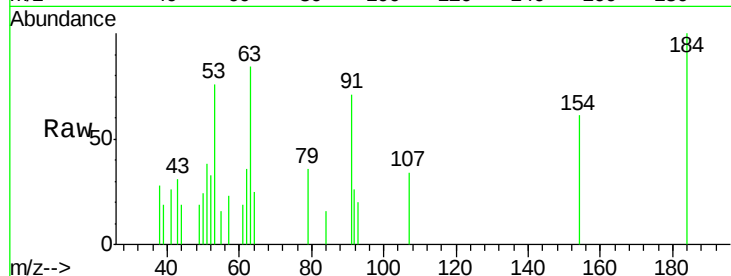




#53
 2,4-Dinitrophenol
 Concen: 2.32 na
 RT: 9.57 min Scan# 1324
 Delta R.T. 0.03 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

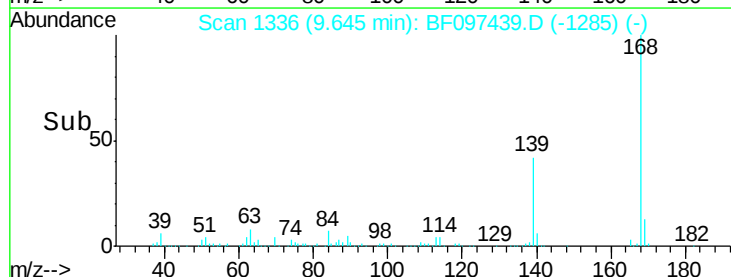
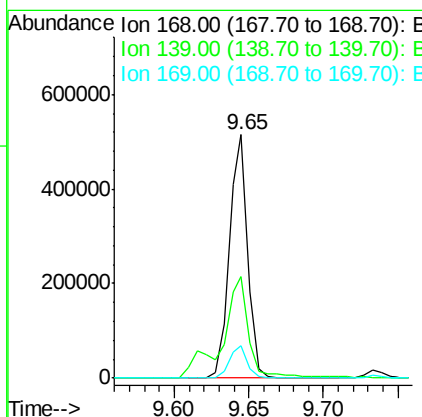
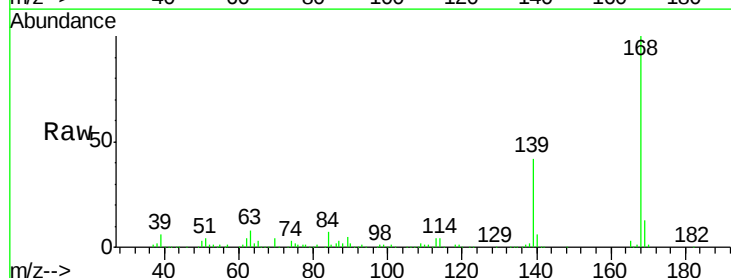
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

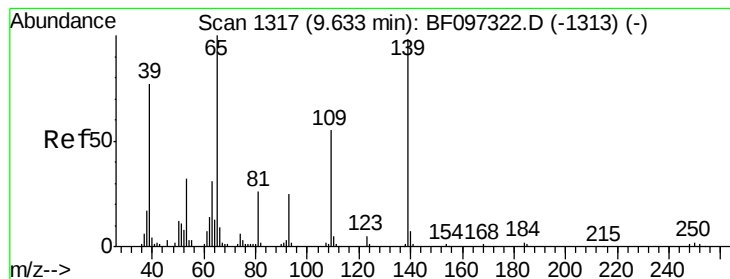
Tot Ion:184 Resp: 2923
 Ion Ratio Lower Upper
 184 100
 63 84.1 62.7 94.1
 154 61.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 34.15 ng
 RT: 9.65 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:168 Resp: 445549
 Ion Ratio Lower Upper
 168 100
 139 41.5 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 135.15 ng

RT: 9.65 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampled :

TEC-BNMS

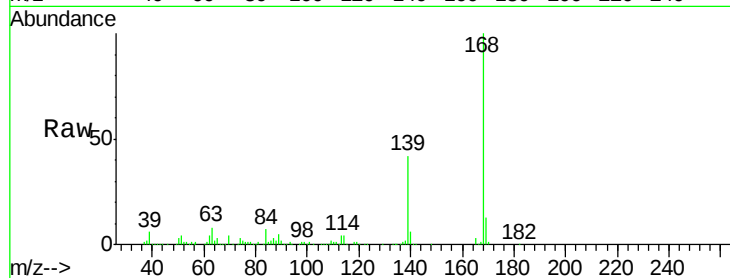
Tot Ion:139 Resp: 276940

Ion Ratio Lower Upper

139 100

109 3.8 34.1 74.1#

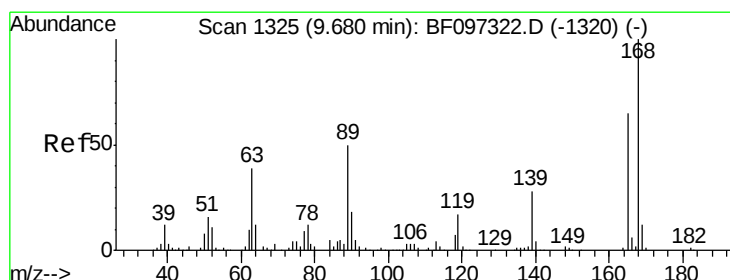
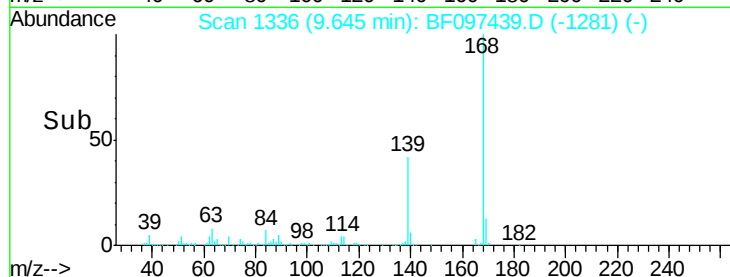
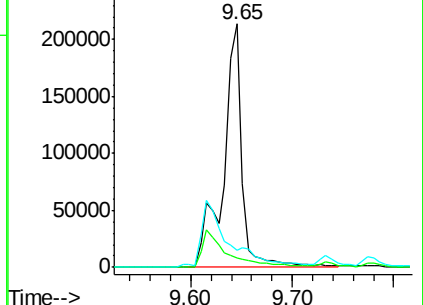
65 7.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.97 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Tgt Ion:165 Resp: 105214

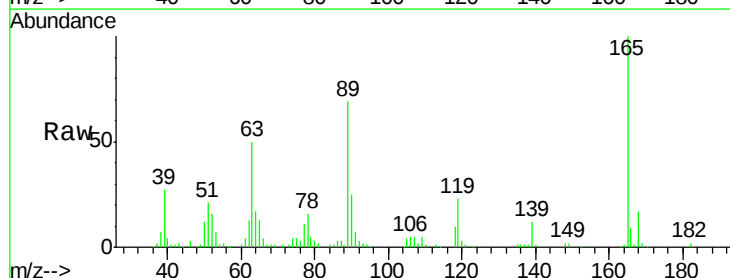
Ion Ratio Lower Upper

165 100

63 49.7 25.4 38.0#

89 68.6 46.4 69.6

182 2.1 1.8 2.6

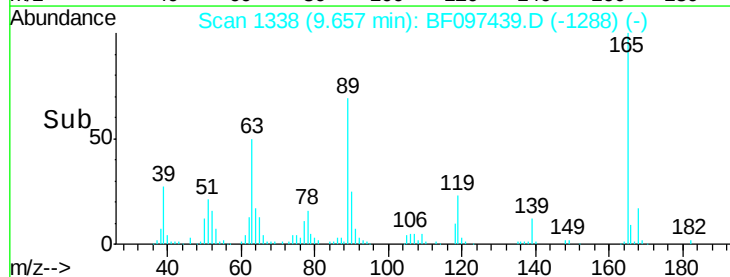
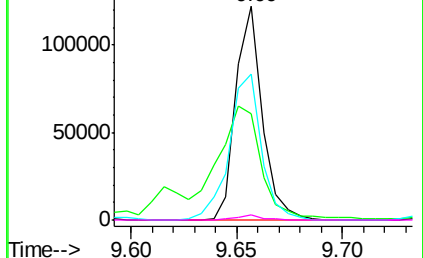


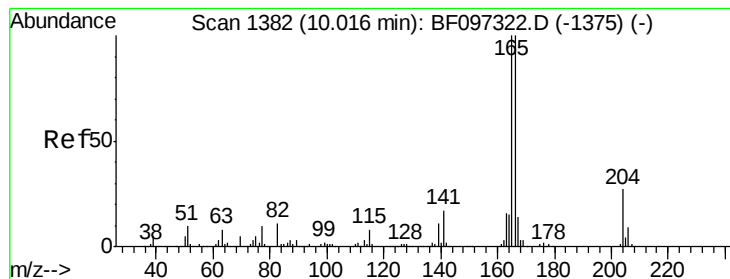
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.43 ng

RT: 9.99 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

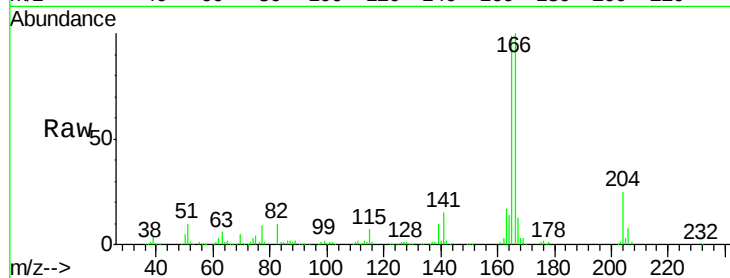
Tot Ion:166 Resp: 288590

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

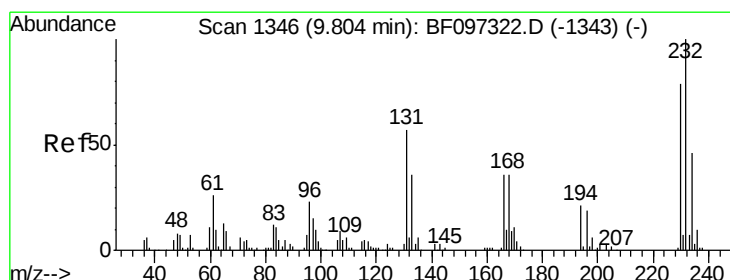
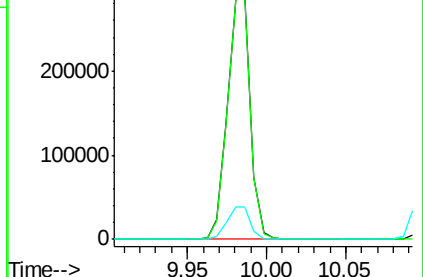
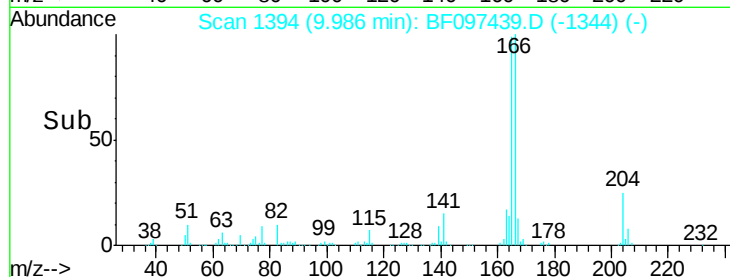
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.62 ng

RT: 9.78 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Tgt Ion:232 Resp: 65928

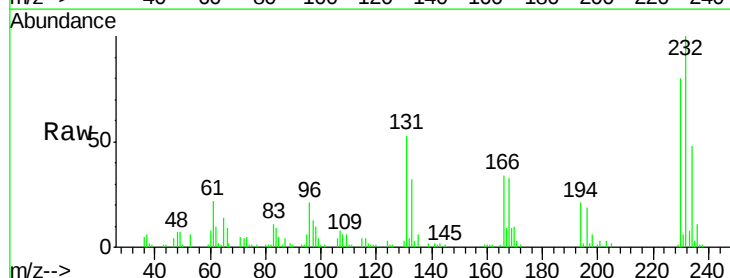
Ion Ratio Lower Upper

232 100

131 55.8 44.8 67.2

130 2.5 2.3 3.5

166 34.0 29.0 43.4

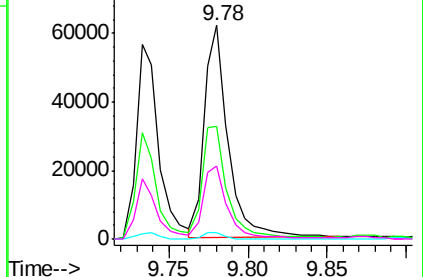
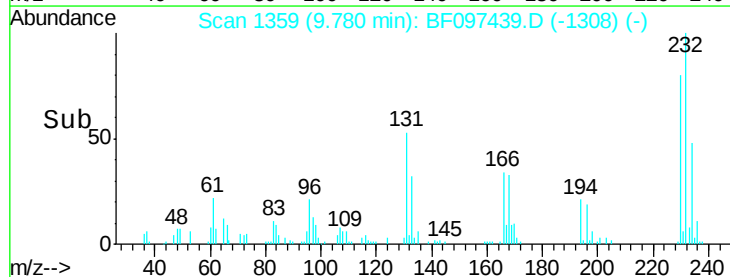


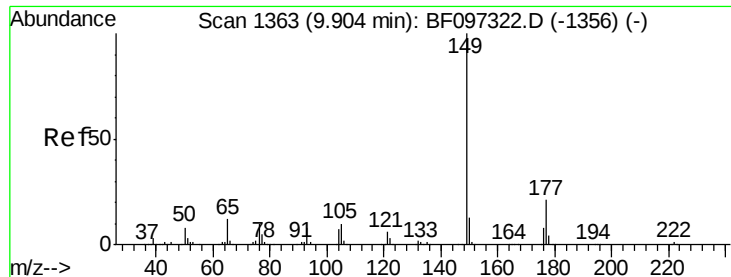
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

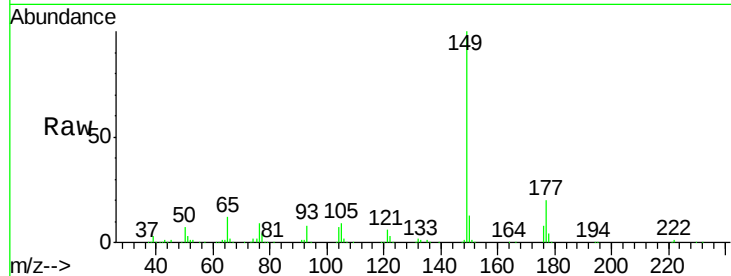




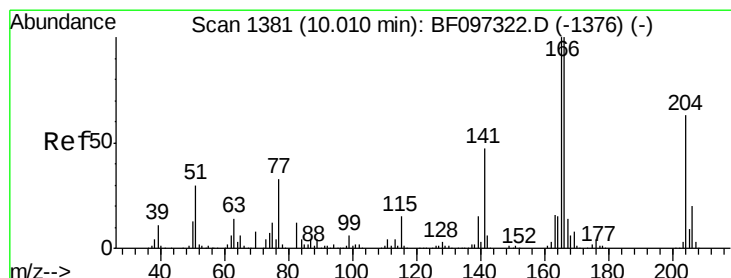
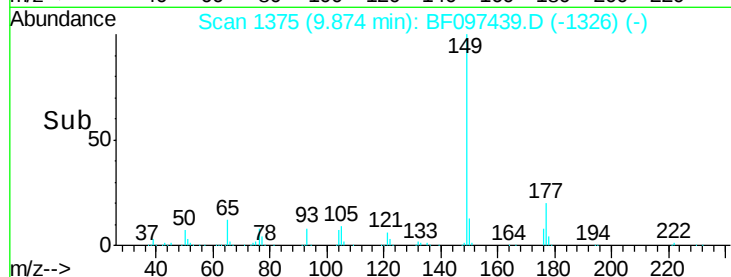
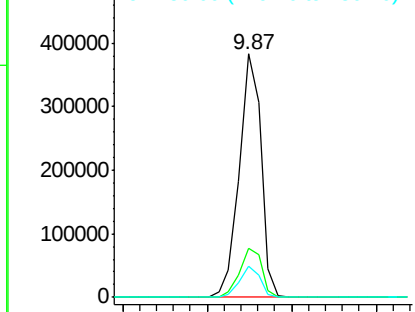
#59
Diethylphthalate
Concen: 28.64 ng
RT: 9.87 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

Tot Ion:149 Resp: 343884
Ion Ratio Lower Upper
149 100
177 20.1 16.7 25.1
150 12.9 10.2 15.2

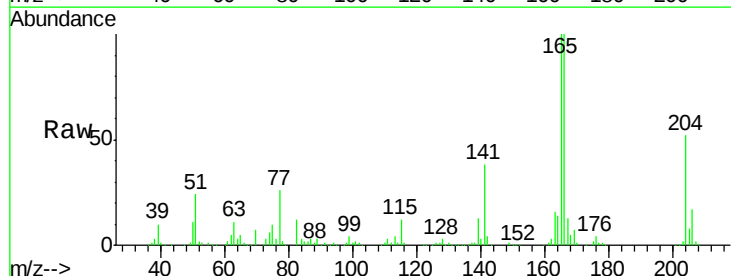


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

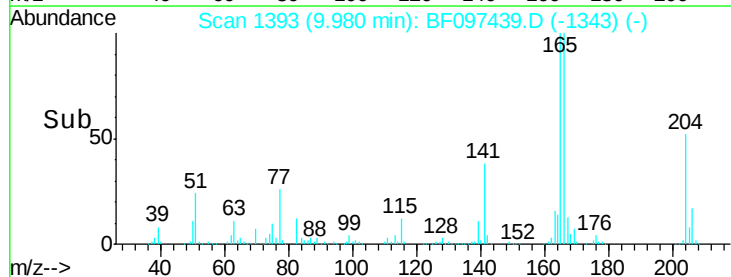
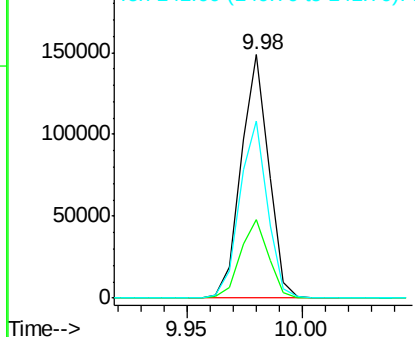


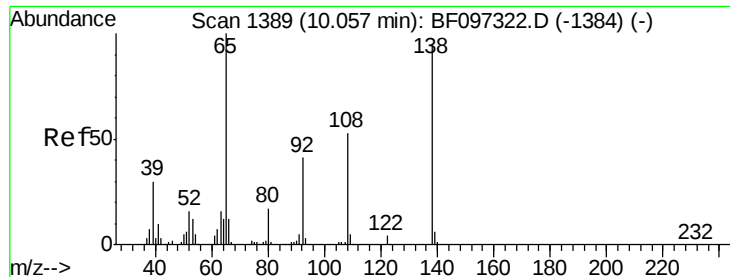
#60
4-Chlorophenyl-phenylether
Concen: 30.58 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:204 Resp: 123842
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 72.8 60.8 91.2



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

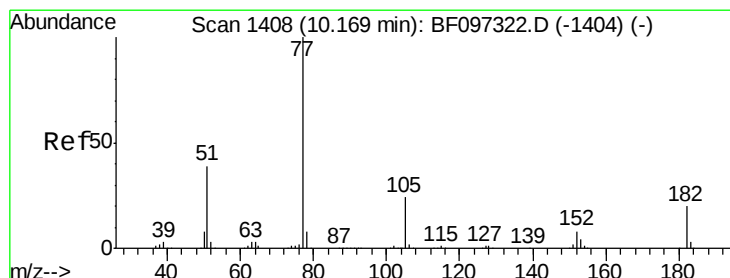
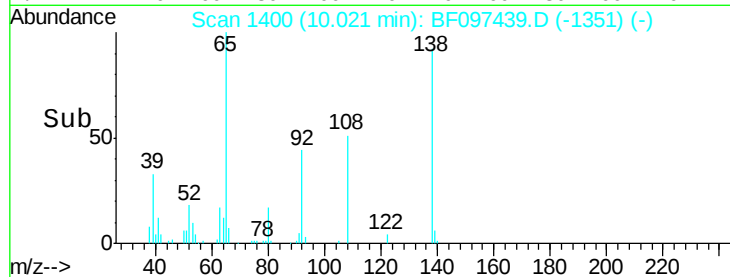
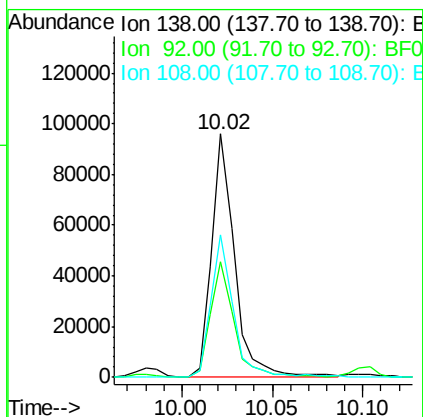
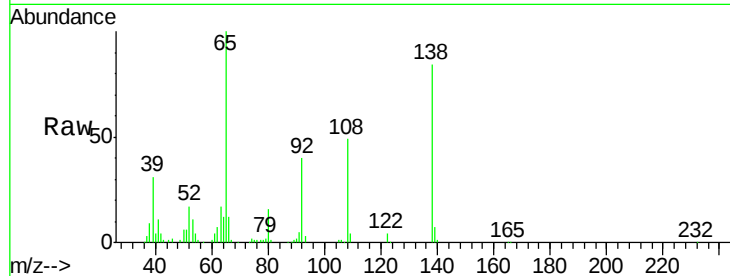




#61
4-Nitroaniline
Concen: 25.94 ng
RT: 10.02 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

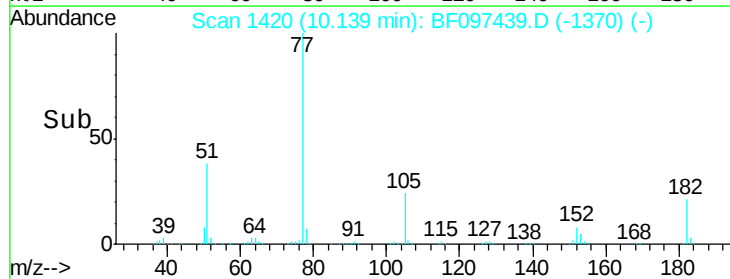
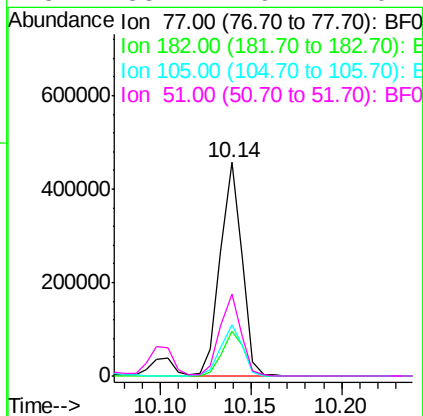
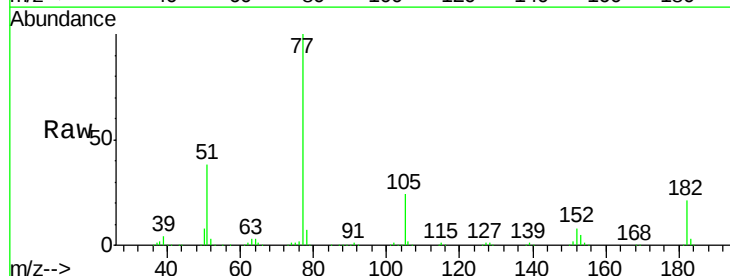
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

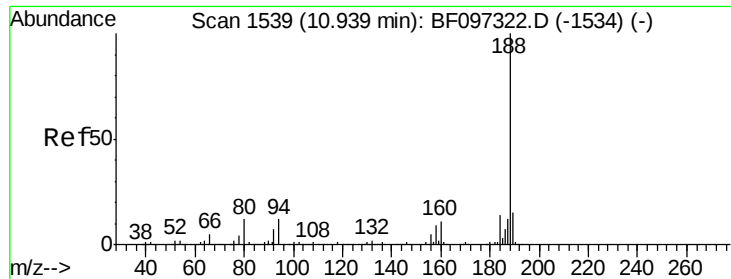
Tot Ion:138 Resp: 84925
Ion Ratio Lower Upper
138 100
92 47.3 21.8 61.8
108 58.4 42.3 82.3



#62
Azobenzene
Concen: 34.22 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion: 77 Resp: 381157
Ion Ratio Lower Upper
77 100
182 20.9 0.1 40.1
105 24.1 3.6 43.6
51 38.1 9.4 49.4

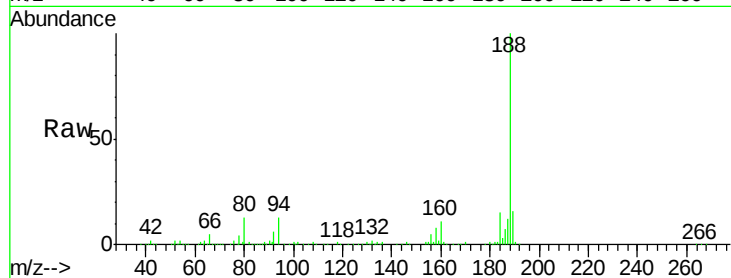




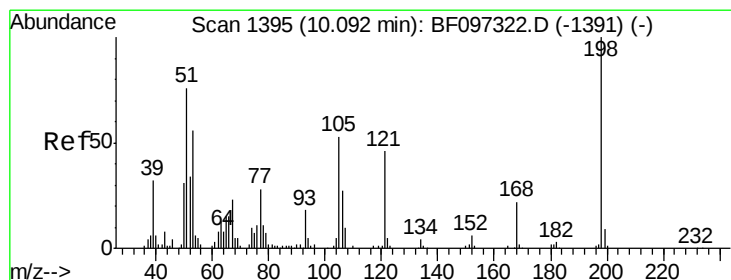
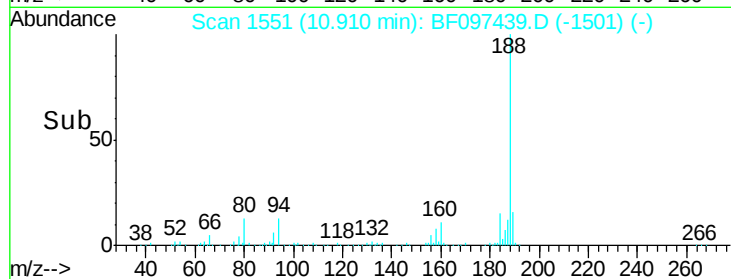
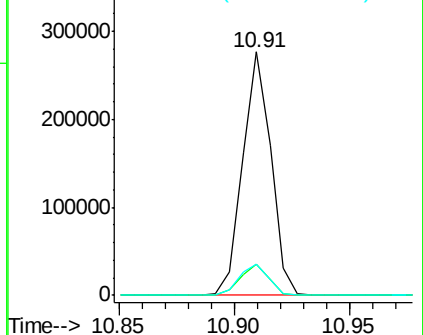
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

Tot Ion:188 Resp: 237127
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 12.9 10.2 15.2

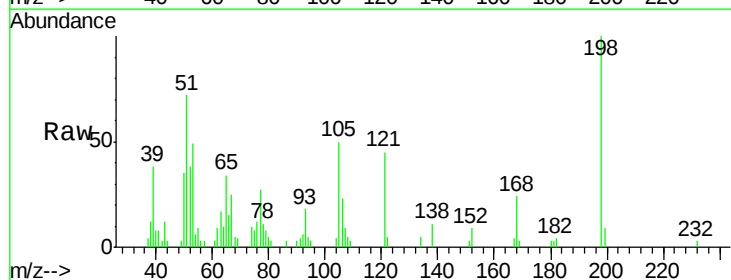


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

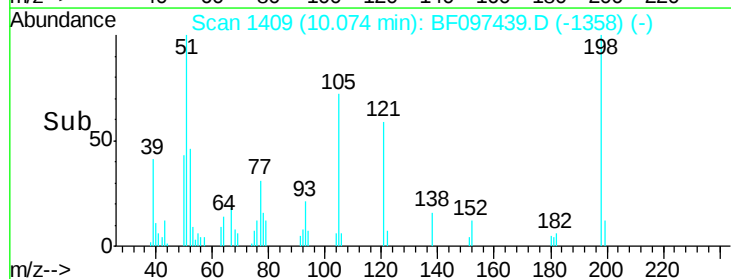
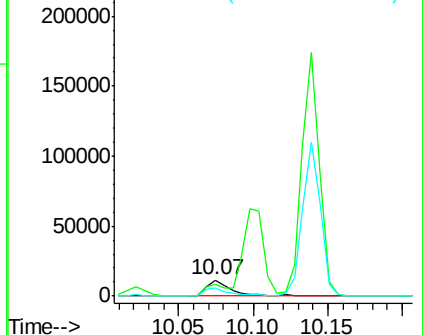


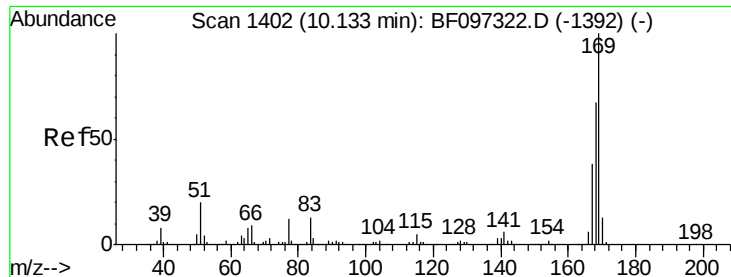
#64
4,6-Dinitro-2-methylphenol
Concen: 8.94 ng
RT: 10.07 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:198 Resp: 13167
Ion Ratio Lower Upper
198 100
51 72.1 53.2 93.2
105 49.8 45.8 85.8



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

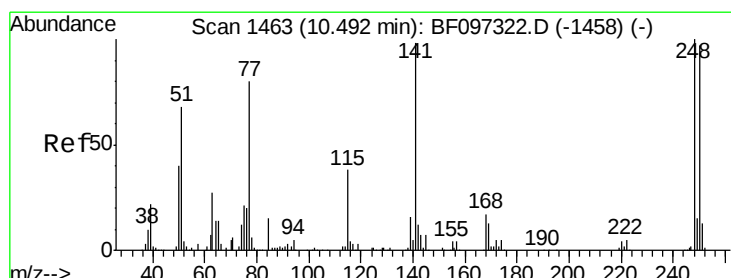
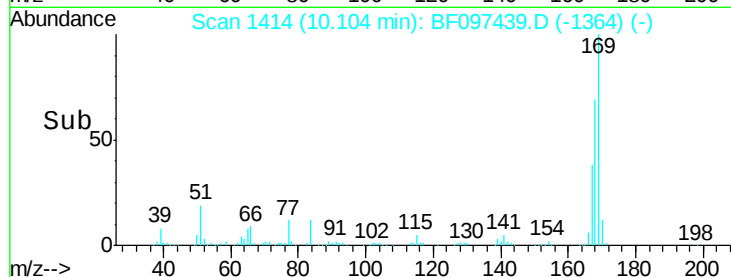
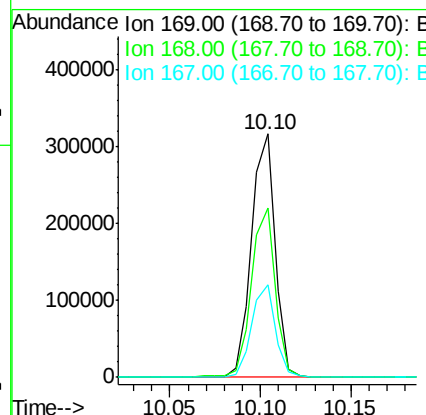
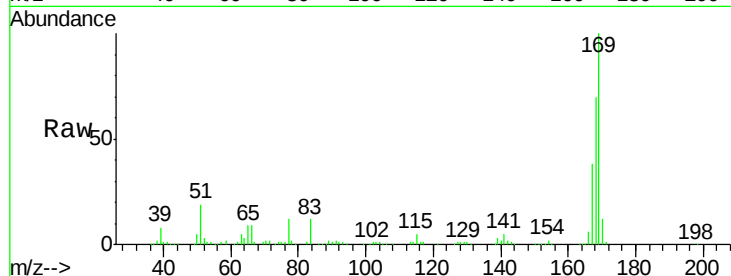




#65
 n-Nitrosodiphenylamine
 Concen: 34.90 ng
 RT: 10.10 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

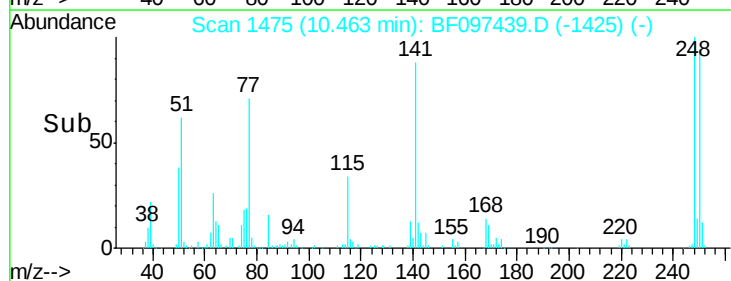
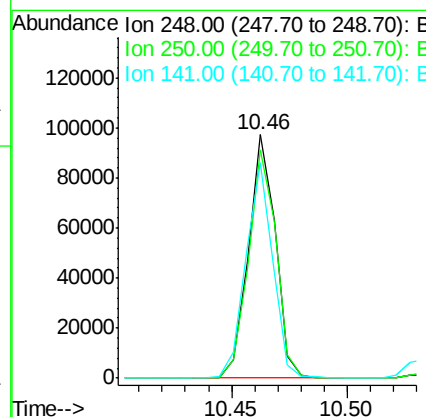
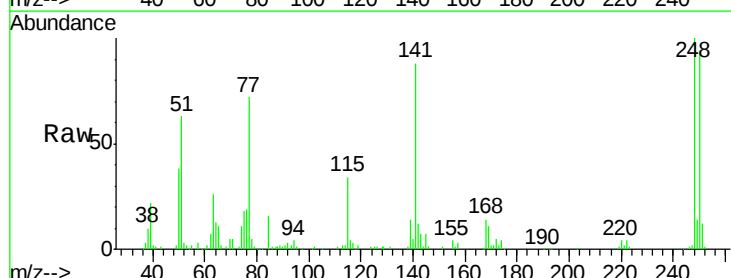
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

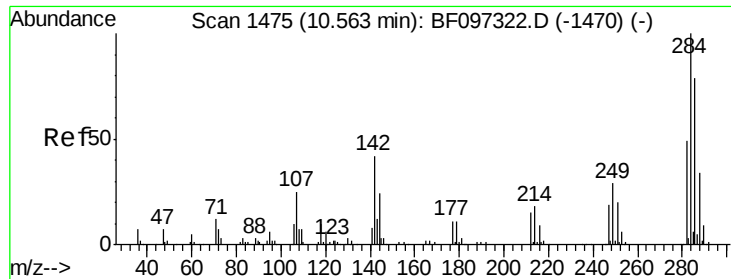
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.6	53.2	79.8
167	38.1	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 33.64 ng
 RT: 10.46 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.8	115.2
141	88.3	68.6	103.0

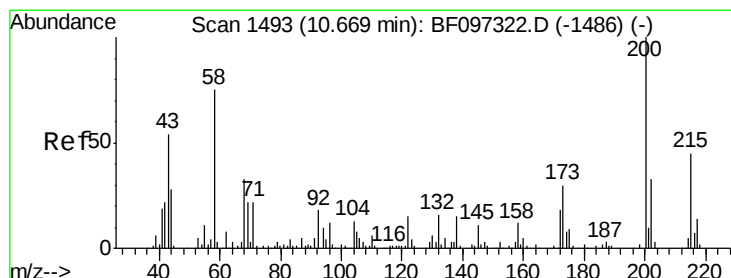
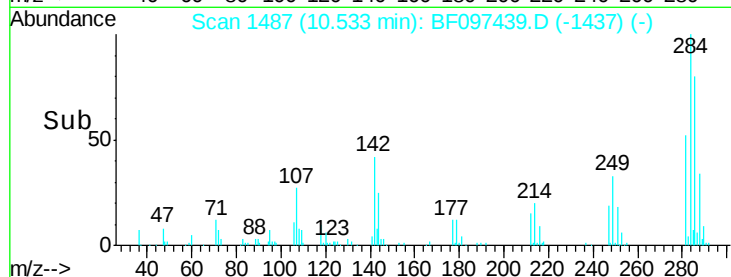
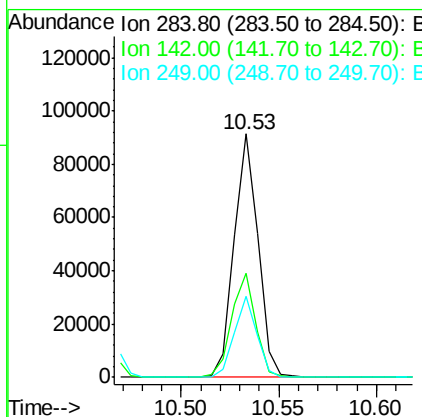
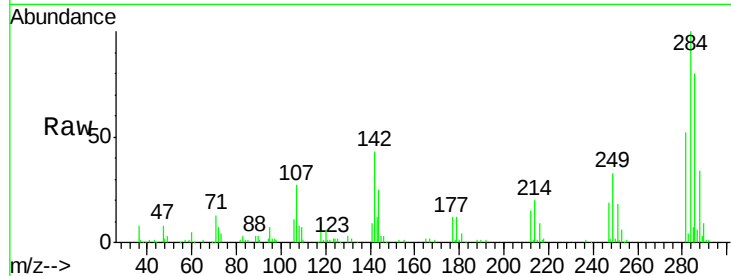




#67
Hexachlorobenzene
Concen: 29.36 ng
RT: 10.53 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

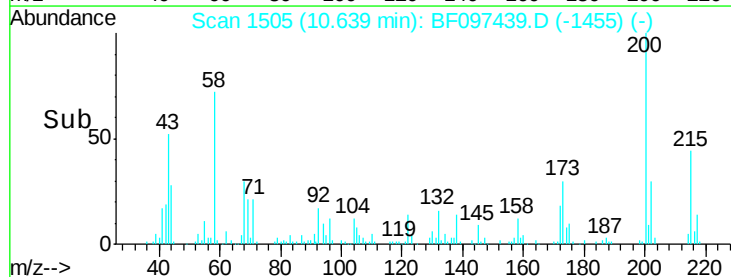
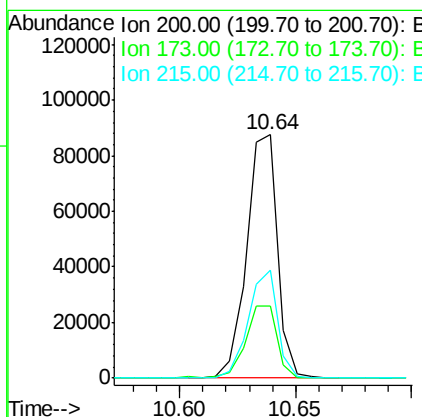
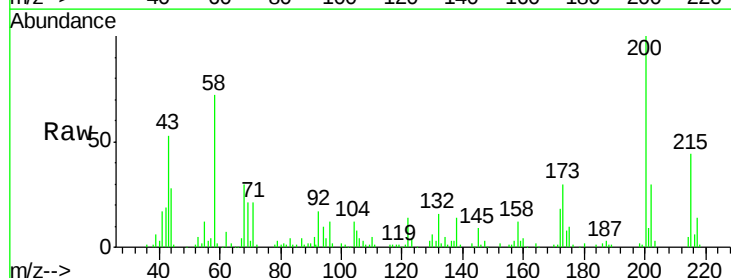
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

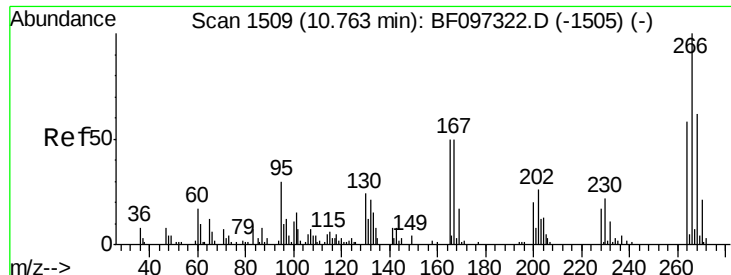
Tot Ion:284 Resp: 77903
Ion Ratio Lower Upper
284 100
142 42.7 22.8 34.2#
249 33.1 24.0 36.0



#68
Atrazine
Concen: 34.52 ng
RT: 10.64 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:200 Resp: 81676
Ion Ratio Lower Upper
200 100
173 29.9 6.3 46.3
215 44.1 27.2 67.2

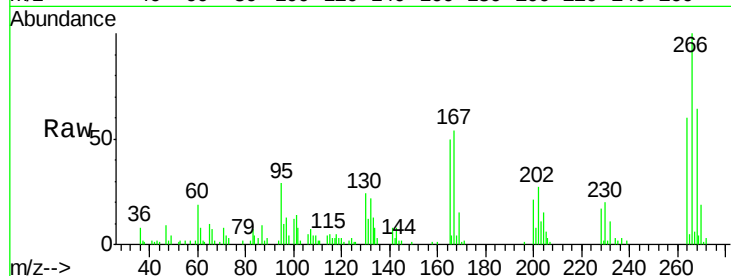




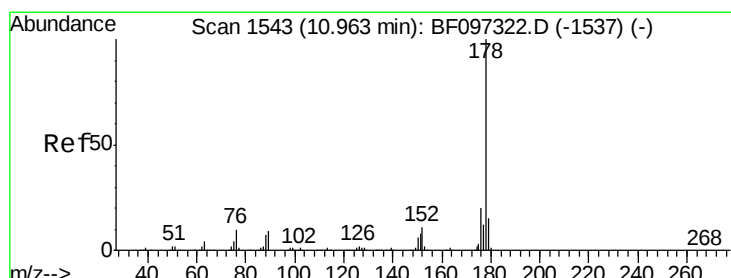
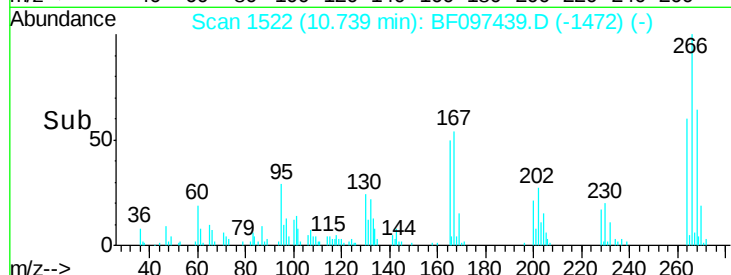
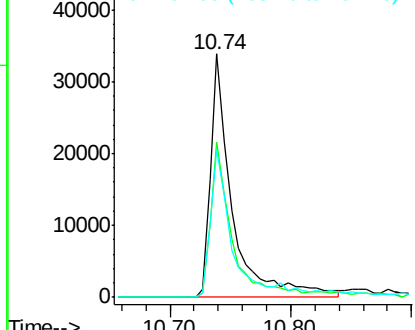
#69
 Pentachlorophenol
 Concen: 38.28 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion:266 Resp: 42032
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 60.5 51.7 77.5

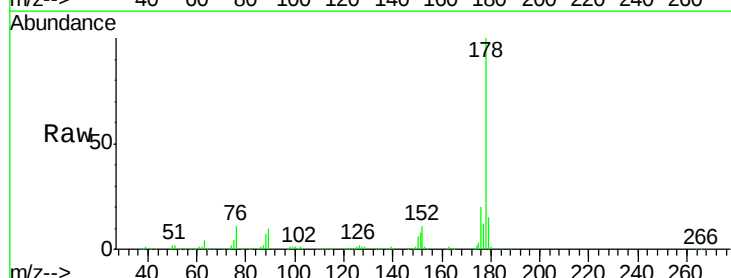


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

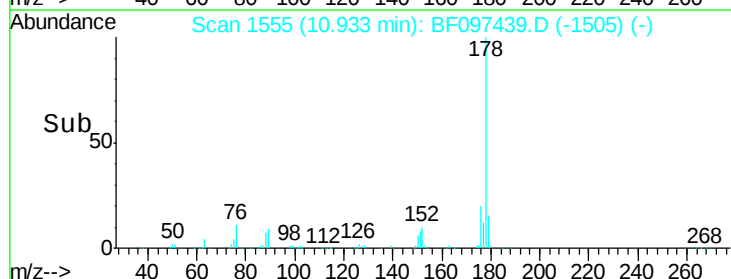
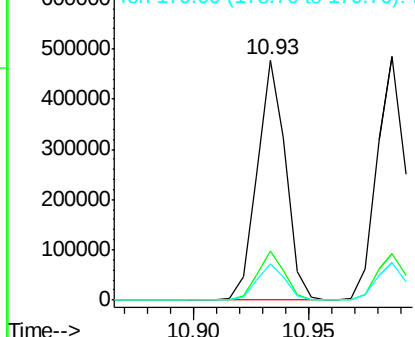


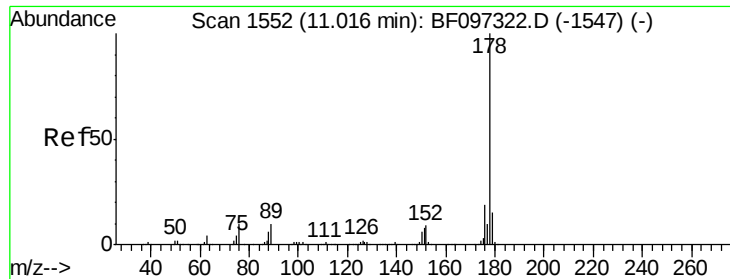
#70
 Phenanthrene
 Concen: 32.27 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:178 Resp: 409970
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.1 12.6 19.0



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

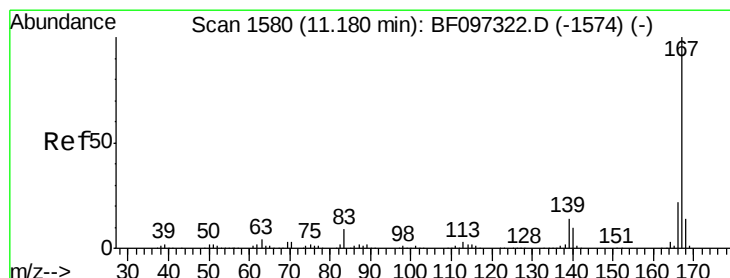
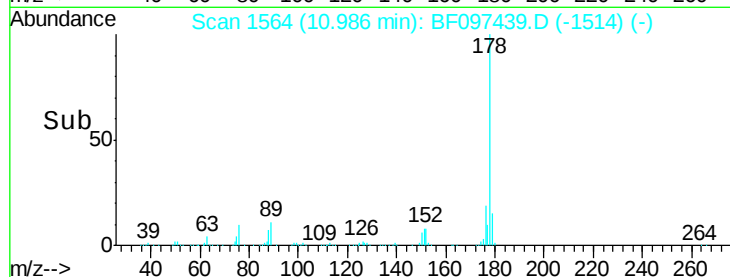
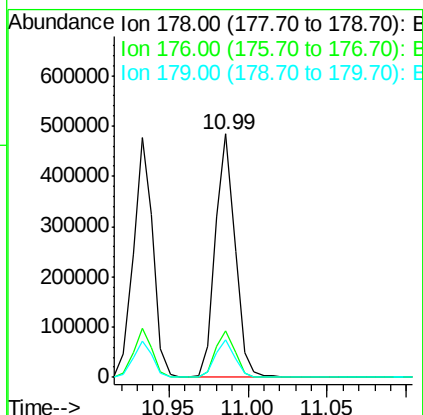
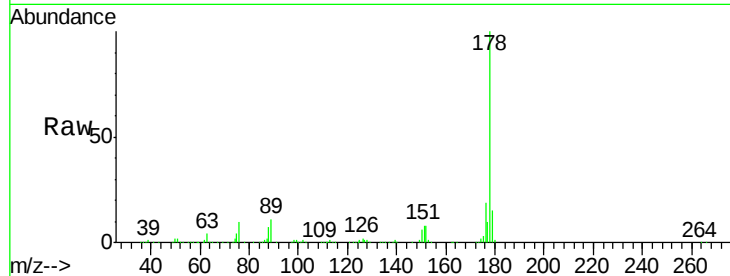




#71
 Anthracene
 Concen: 32.30 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

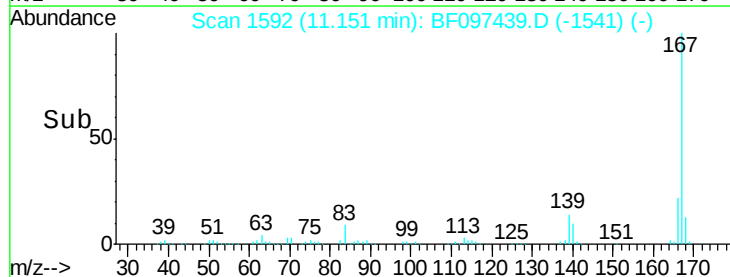
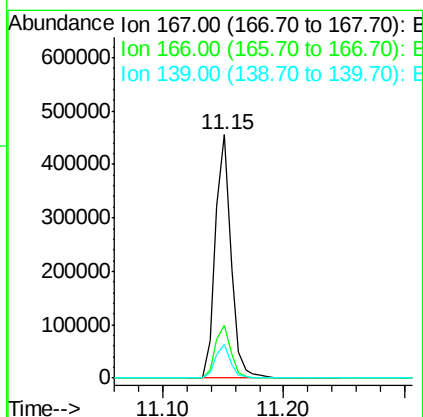
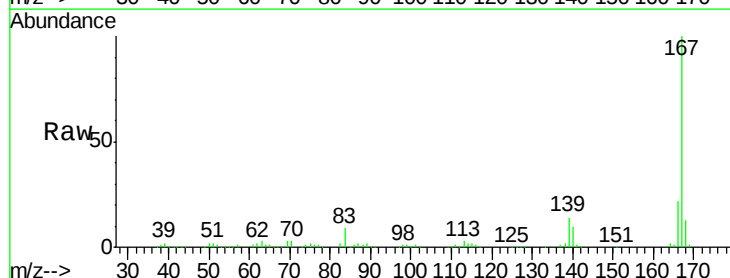
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

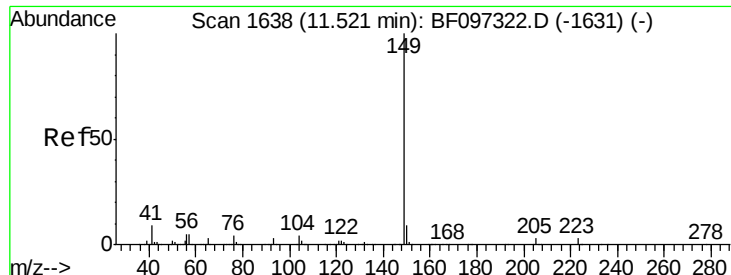
Tot Ion:178 Resp: 420340
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 31.47 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:167 Resp: 402760
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 30.58 ng

RT: 11.49 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

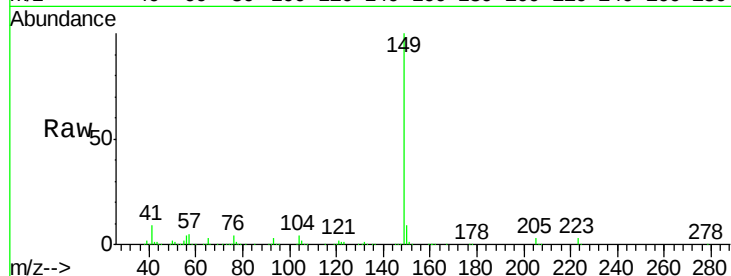
Tot Ion:149 Resp: 483810

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

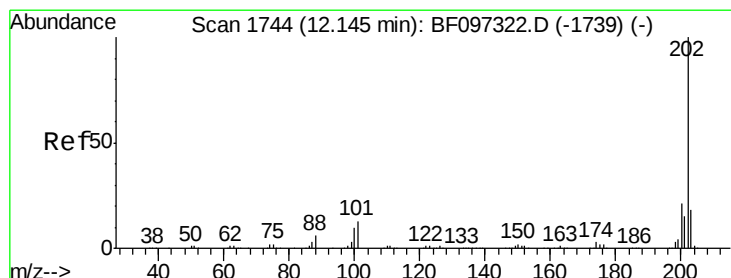
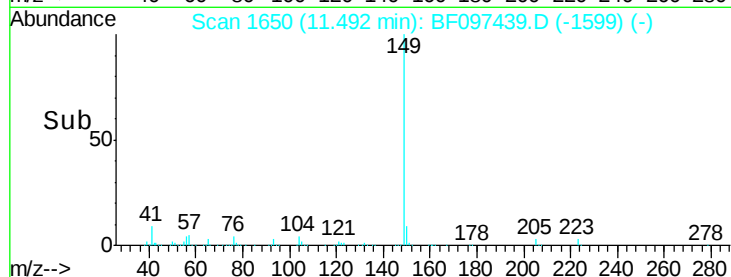
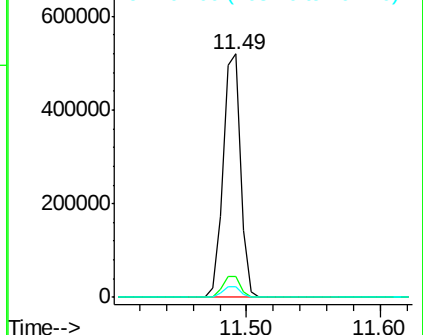
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.92 ng

RT: 12.12 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

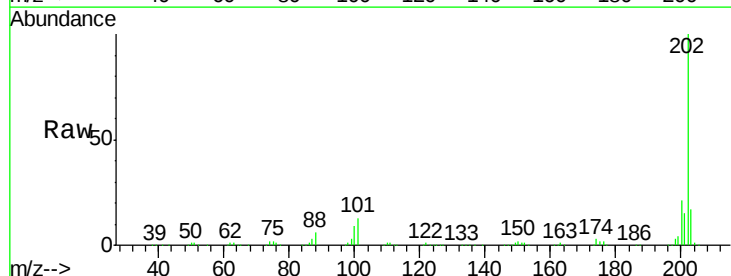
Tgt Ion:202 Resp: 347504

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

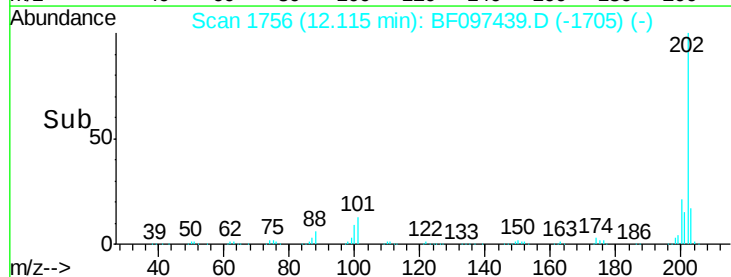
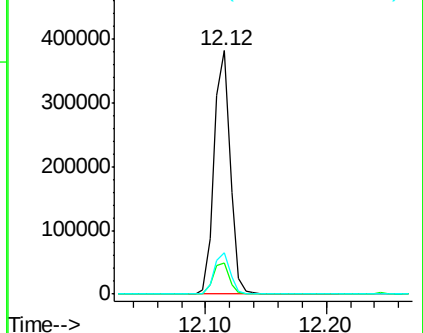
203 17.0 0.0 38.1

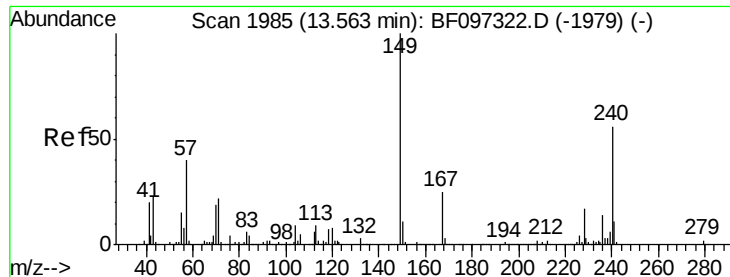


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

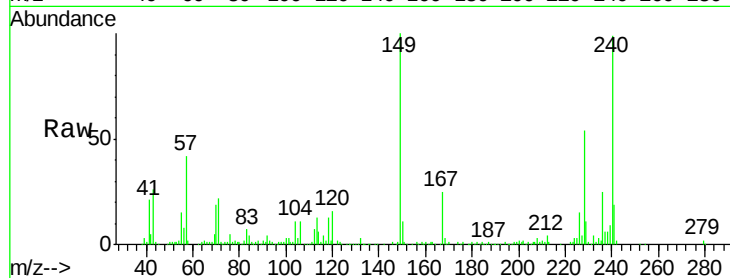
Tot Ion:240 Resp: 180625

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

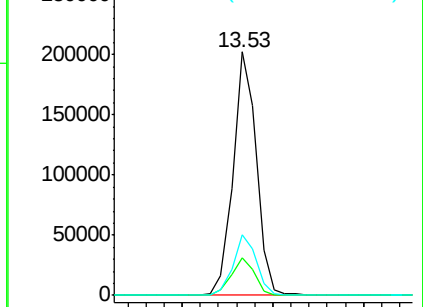
236 24.7 20.5 30.7



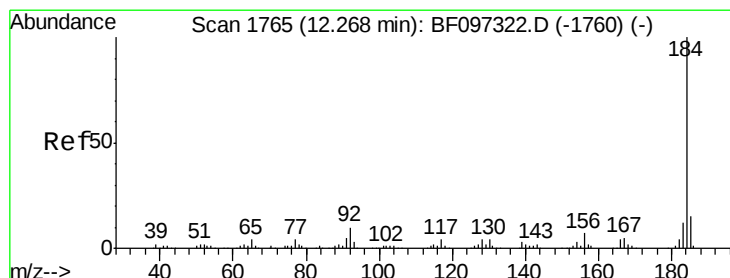
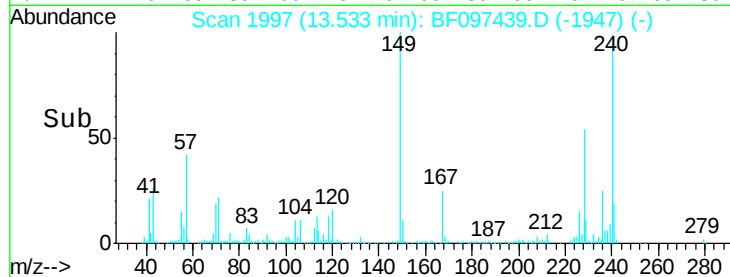
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 35.01 ng

RT: 12.24 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

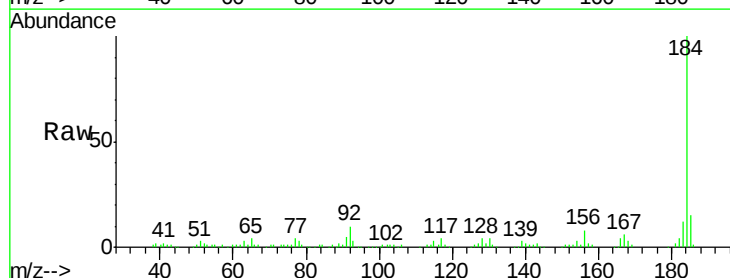
Tgt Ion:184 Resp: 234660

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

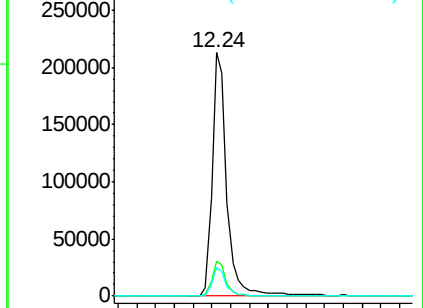
183 11.9 9.8 14.6



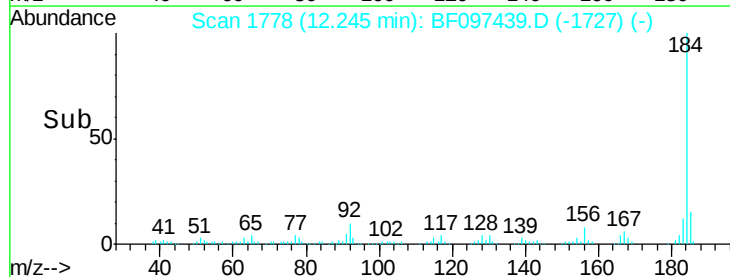
Abundance Ion 184.00 (183.70 to 184.70): E

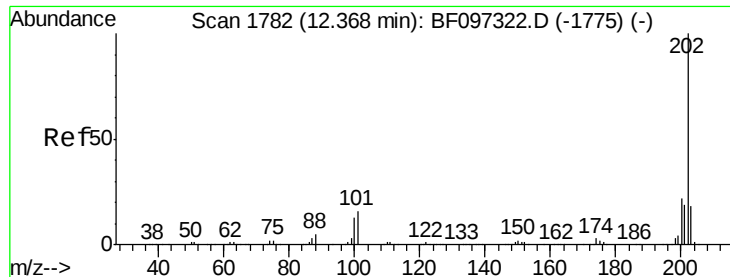
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

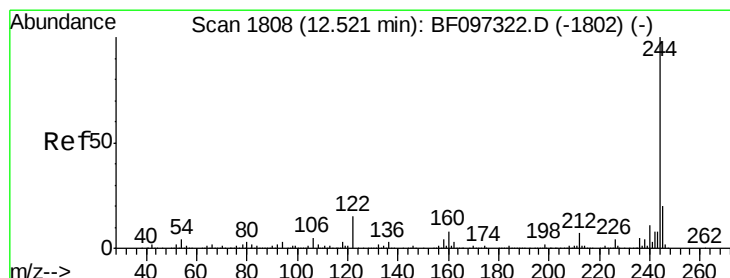
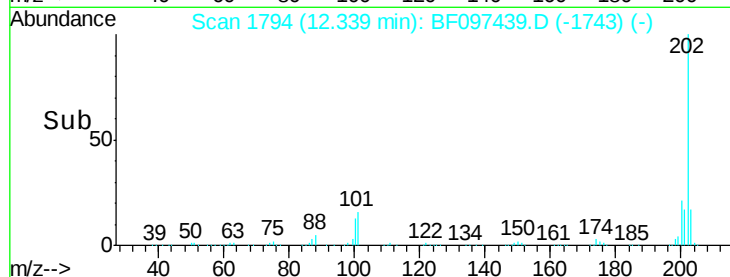
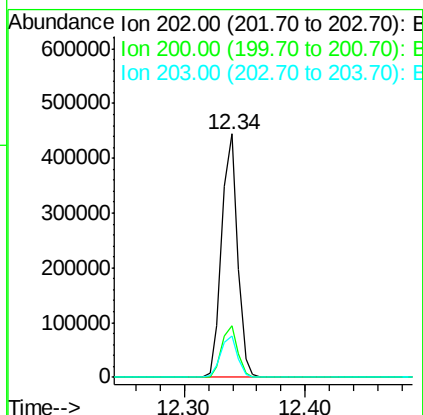
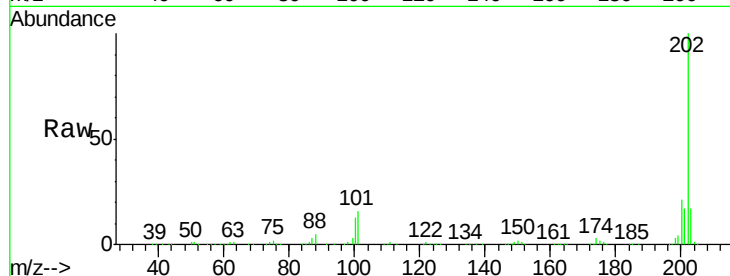




#77
Pvrene
Concen: 27.25 ng
RT: 12.34 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

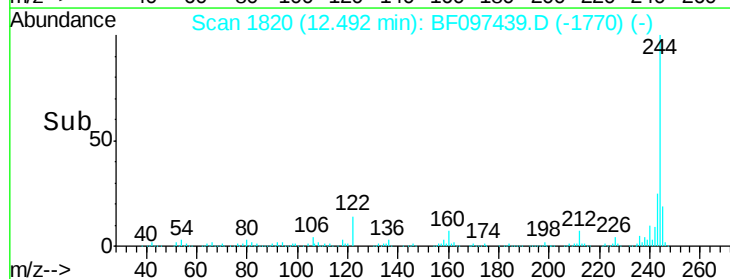
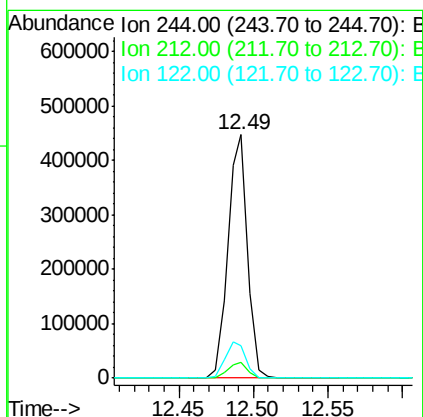
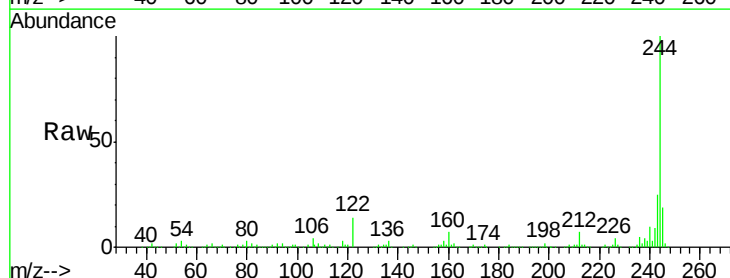
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

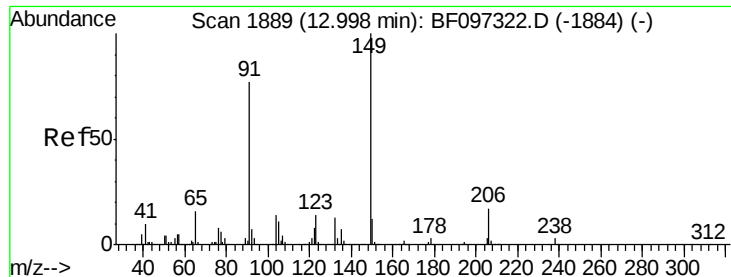
Tot Ion:202 Resp: 402996
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.2 14.4 21.6



#78
Terphenyl-d14
Concen: 46.83 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:244 Resp: 414854
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 13.6 10.3 15.5

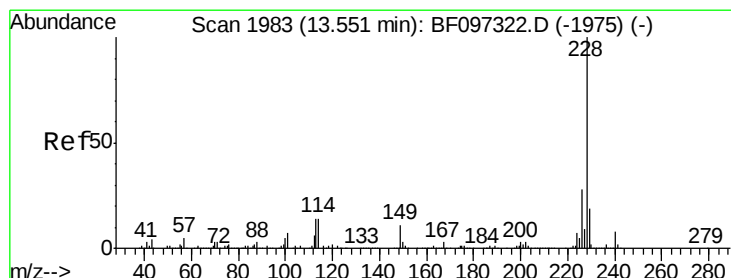
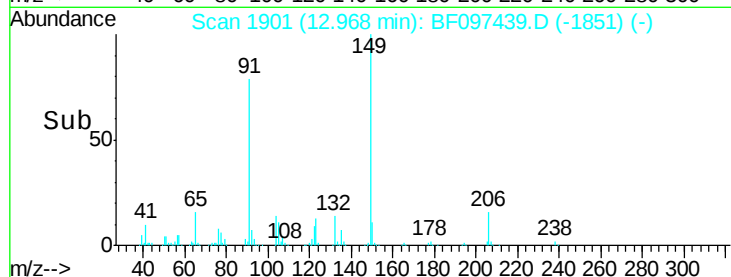
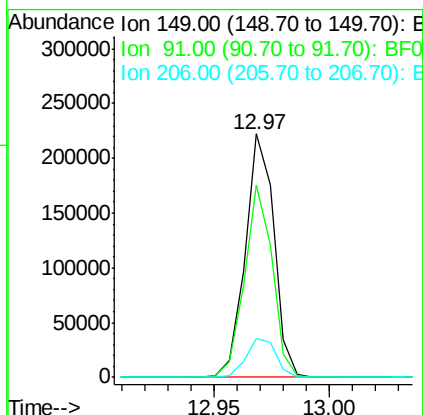
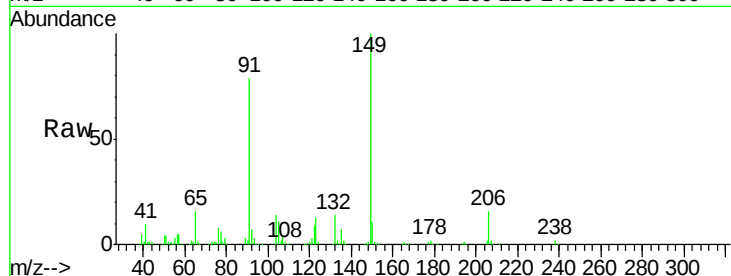




#79
Butylbenzylphthalate
Concen: 25.70 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

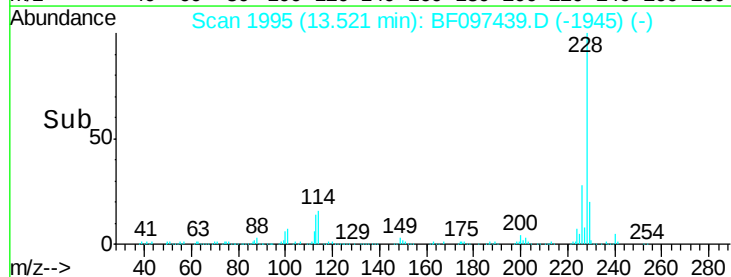
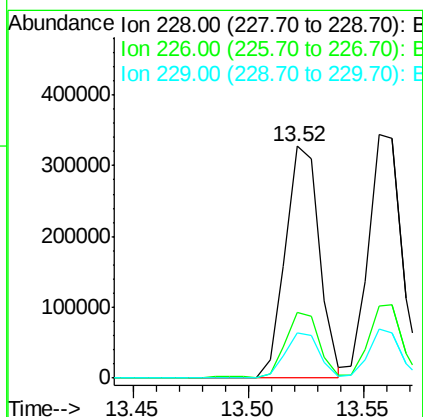
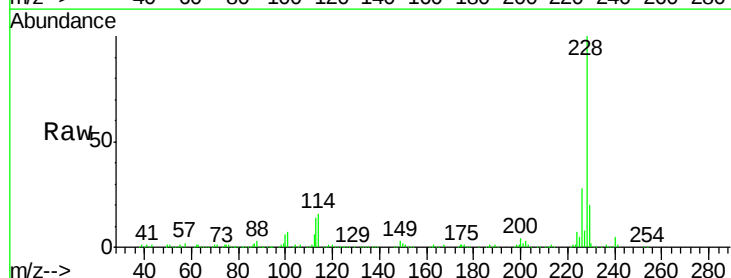
Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

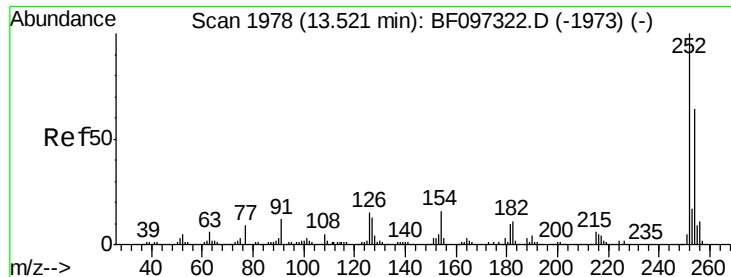
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	45.0	67.4#
206	15.9	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 28.59 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.5	16.3	24.5

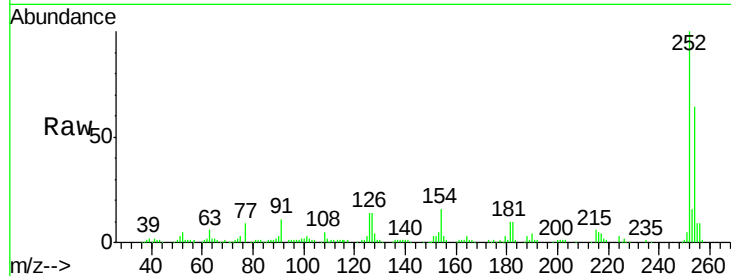




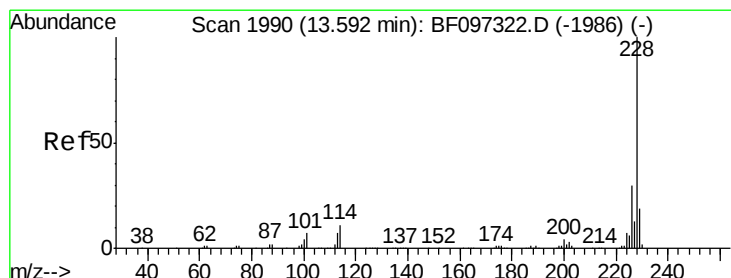
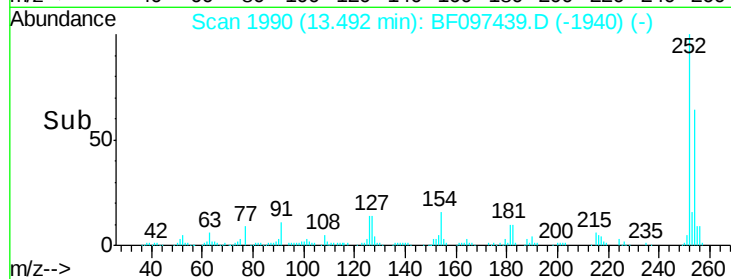
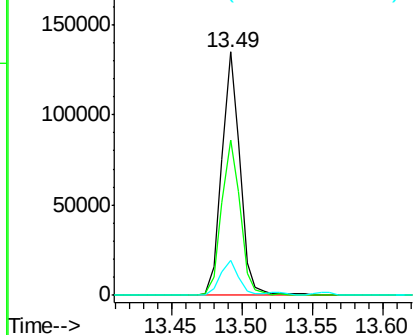
#81
 3,3'-Dichlorobenzidine
 Concen: 27.53 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

Tot Ion:252 Resp: 121328
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 14.5 15.8 23.8#

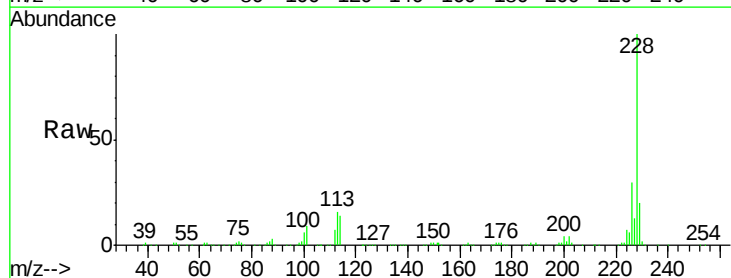


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

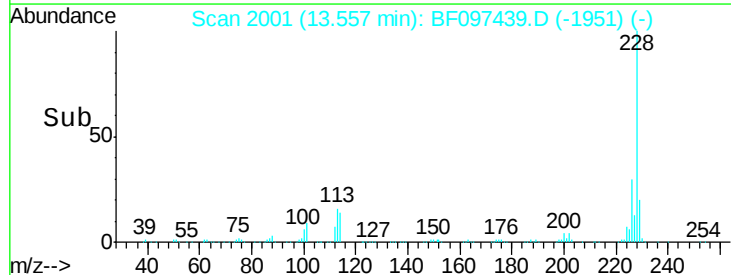
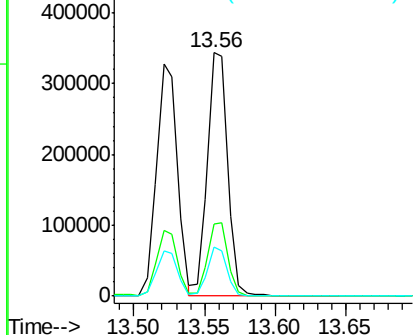


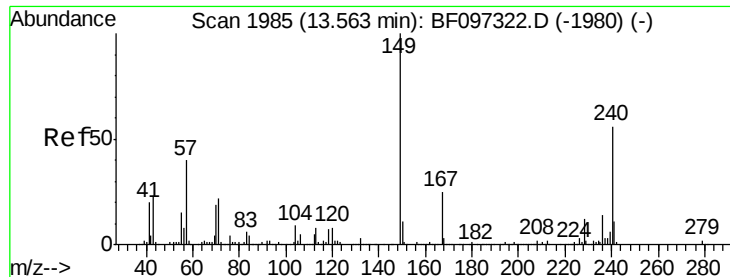
#82
 Chrysene
 Concen: 30.16 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:228 Resp: 344156
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 20.0 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: 24.75 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

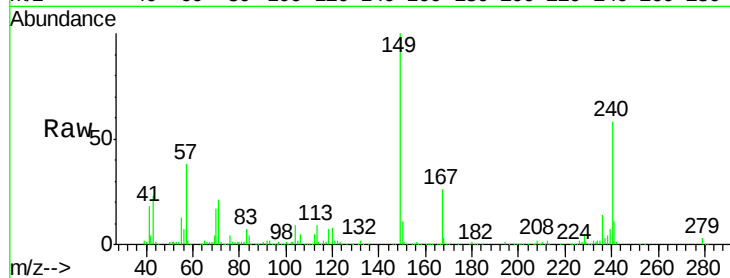
Tot Ion:149 Resp: 243111

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

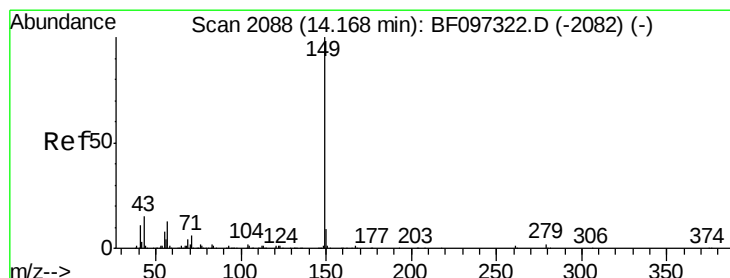
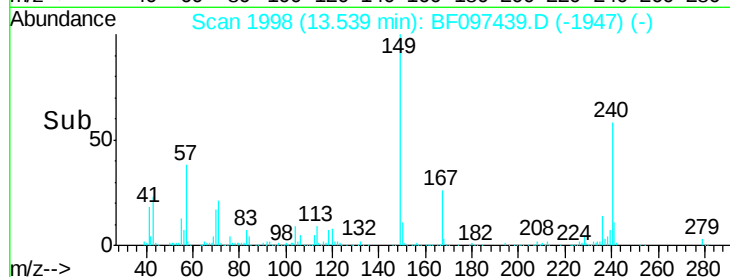
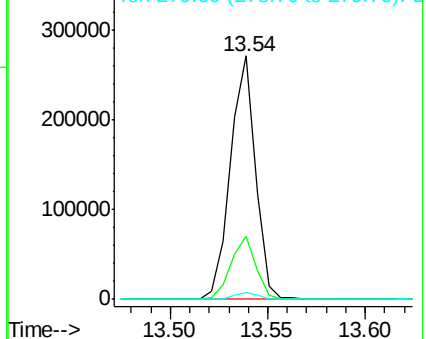
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.17 ng

RT: 14.14 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

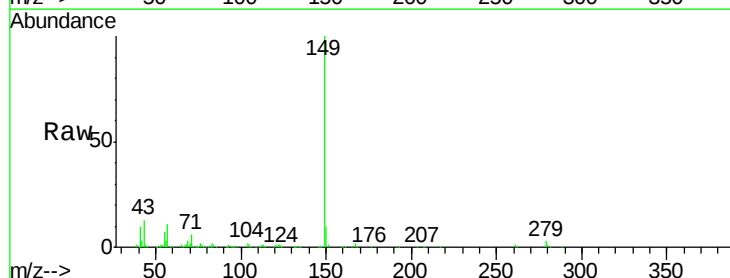
Tgt Ion:149 Resp: 453546

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

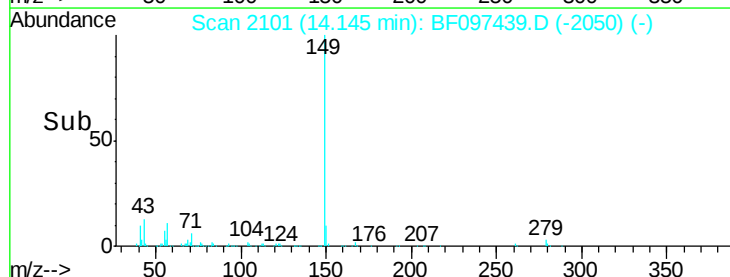
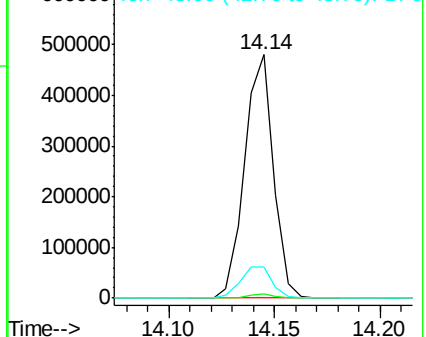
43 14.0 8.5 12.7#

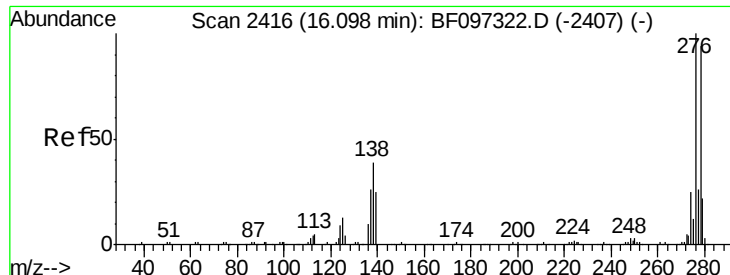


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

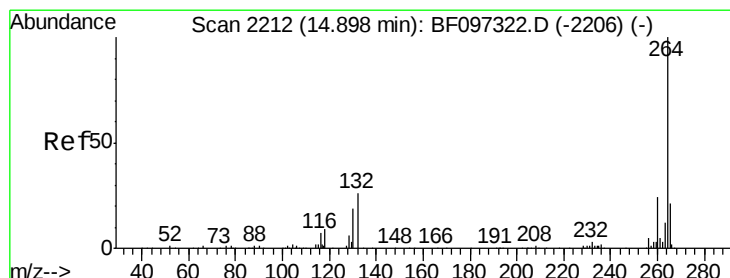
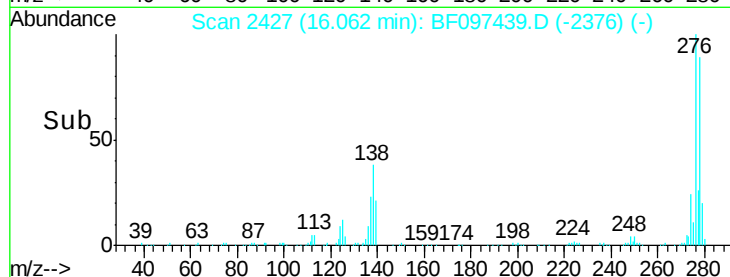
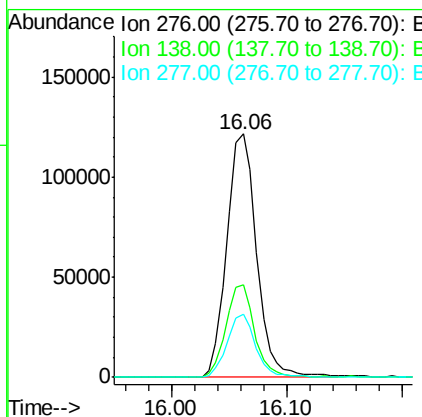
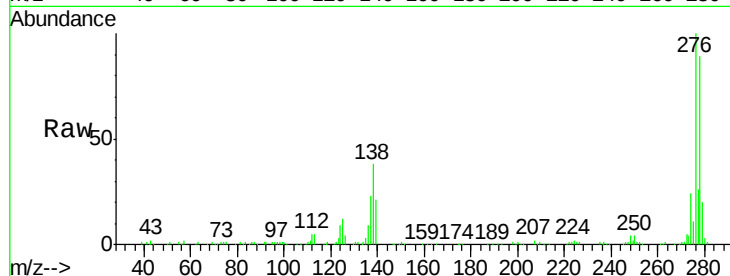




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.35 ng
 RT: 16.06 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

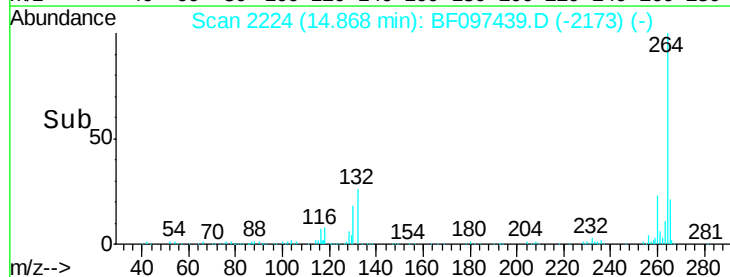
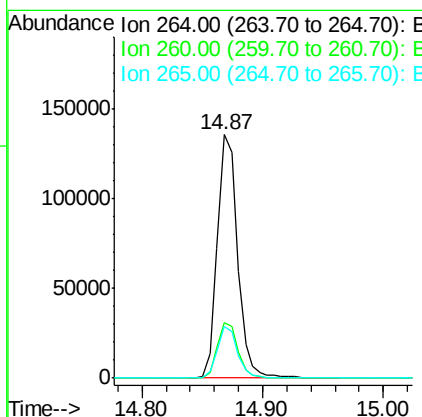
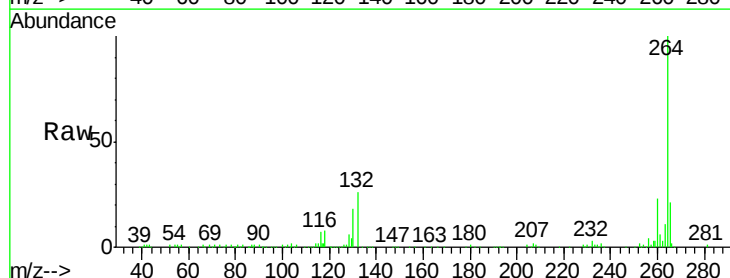
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BNMS

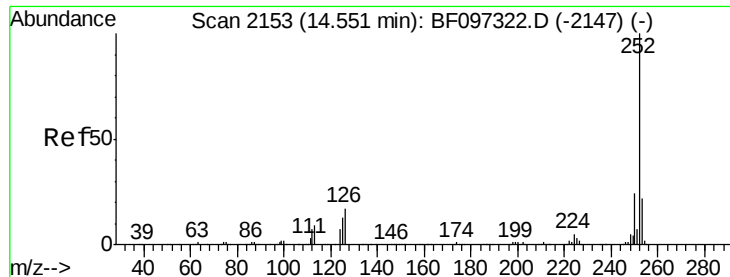
Tot Ion:276 Resp: 218724
 Ion Ratio Lower Upper
 276 100
 138 36.7 27.8 41.6
 277 24.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BF097439.D
 Acq: 7 Aug 2017 19:55

Tgt Ion:264 Resp: 156600
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.2 17.2 25.8

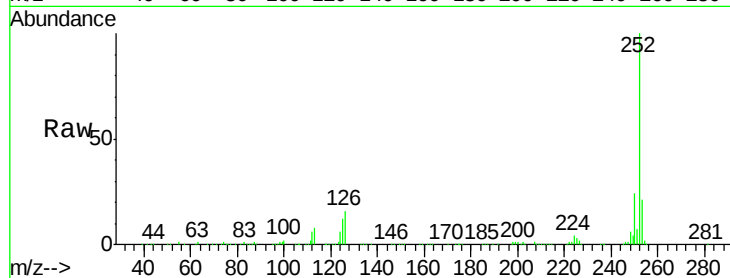




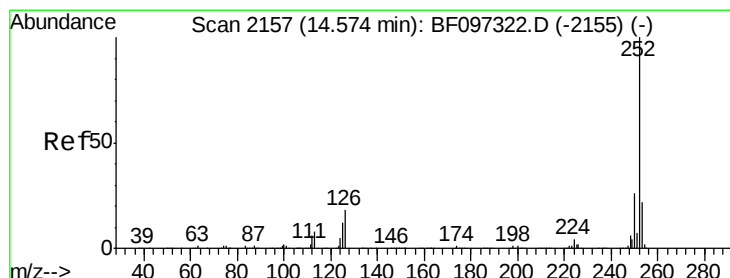
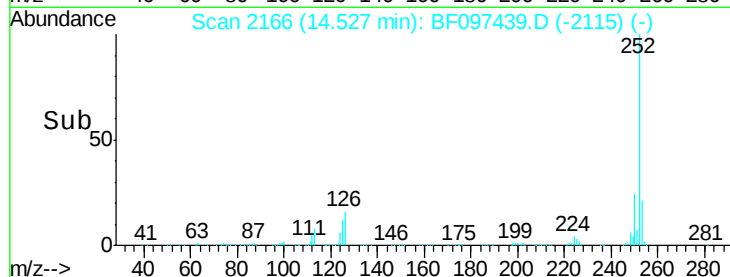
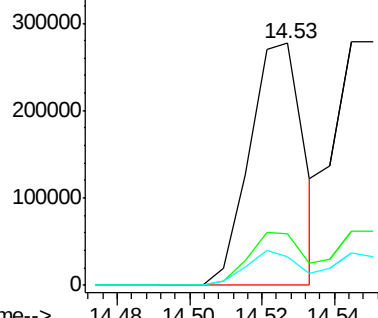
#87
Benzo(b)fluoranthene
Concen: 30.60 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
TEC-BNMS

Tot Ion:252 Resp: 288064
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 11.9 9.8 14.8

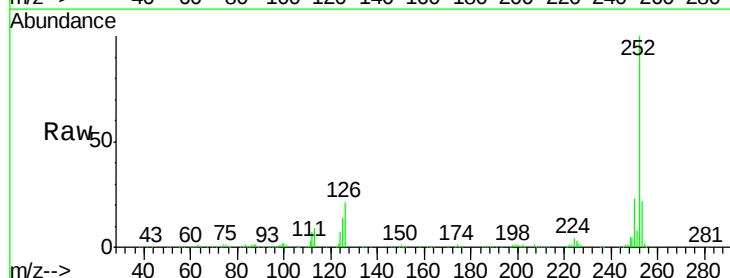


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

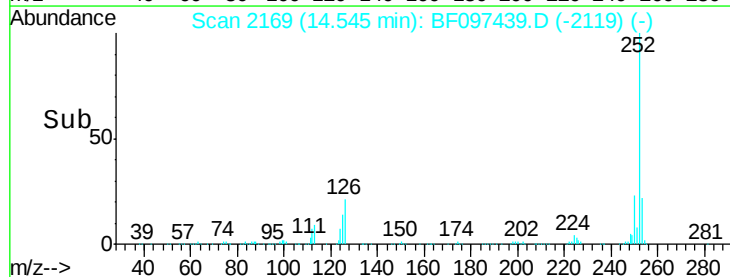
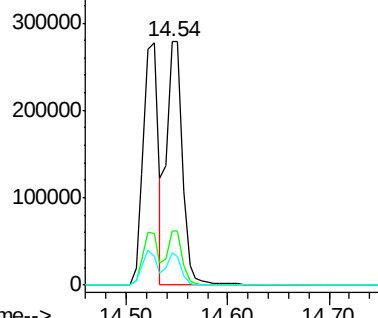


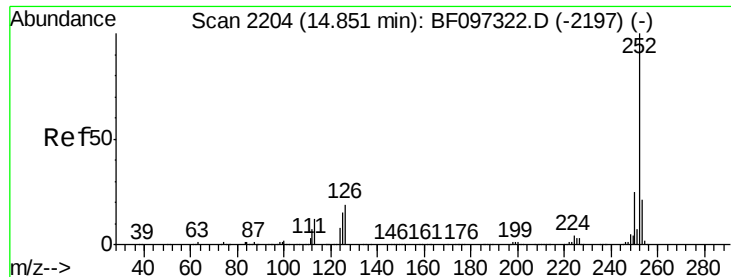
#88
Benzo(k)fluoranthene
Concen: 33.43 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097439.D
Acq: 7 Aug 2017 19:55

Tgt Ion:252 Resp: 299910
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.6 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.56 ng

RT: 14.82 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

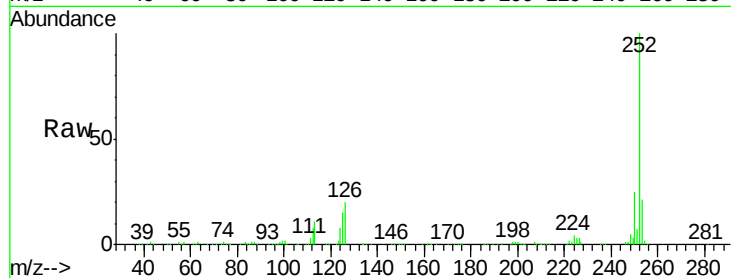
Tot Ion:252 Resp: 271892

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

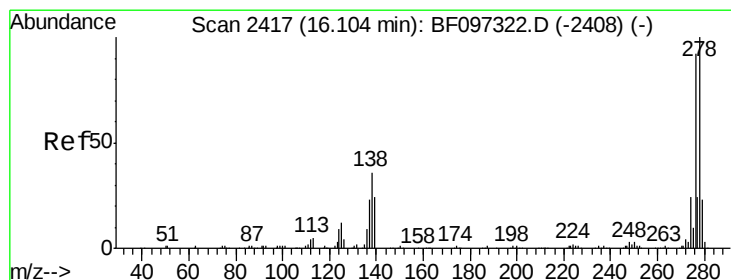
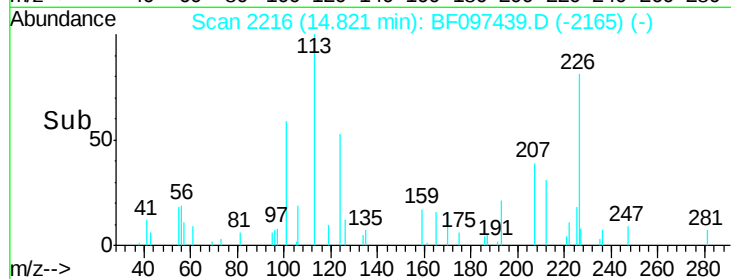
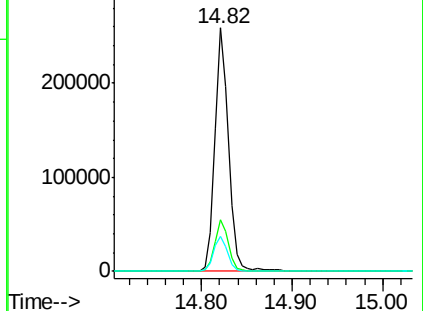
125 14.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 26.08 ng

RT: 16.06 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

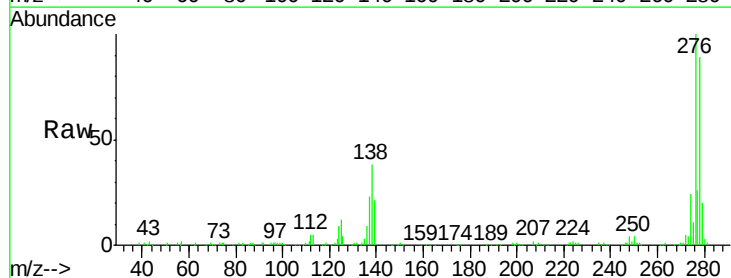
Tgt Ion:278 Resp: 184282

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

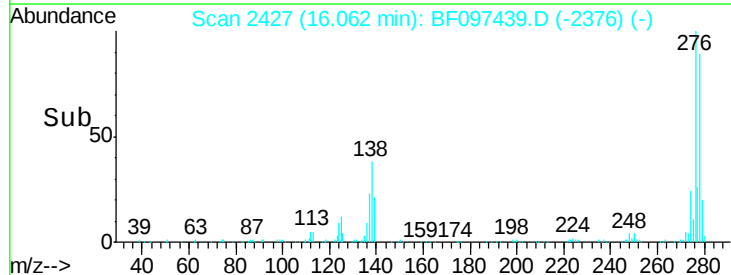
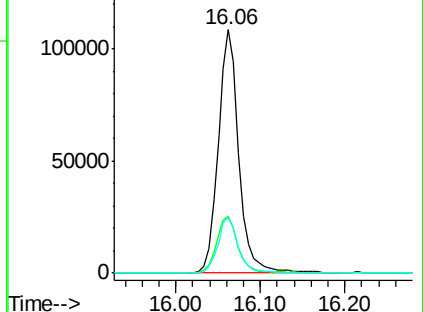
279 22.5 19.3 28.9

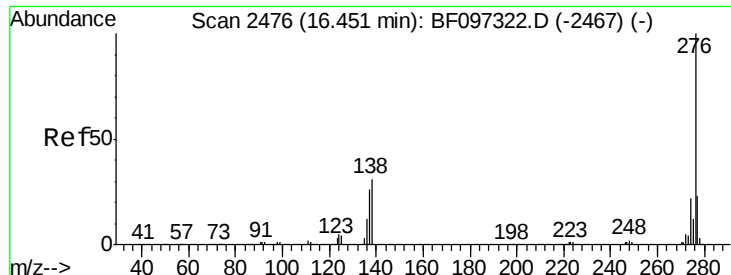


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 23.76 ng

RT: 16.41 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BF097439.D

Acq: 7 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

TEC-BNMS

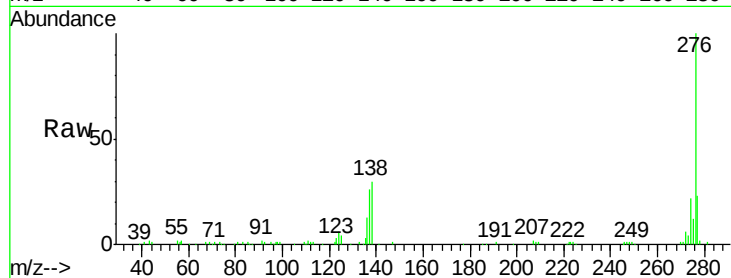
Tot Ion:276 Resp: 176014

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 29.7 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

