

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086439.D
 Acq On : 27 Apr 2016 22:30
 Operator : UM/SJ
 Sample : H2723-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

Quant Time: Apr 28 00:59:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	96385	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	340079	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	141638	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	225142	20.00	ng	0.01
75) Chrysene-d12	14.01	240	107539	20.00	ng	0.05
86) Perylene-d12	15.46	264	92848	20.00	ng	0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	246272	44.07	ng	-0.01
7) Phenol-d6	6.43	99	331426	42.50	ng	-0.01
23) Nitrobenzene-d5	7.37	82	205511	32.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	59595	39.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	314875	31.77	ng	0.00
78) Terphenyl-d14	12.93	244	190718	39.07	ng	0.02

Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	9857	2.17	ng	# 1
12) 1,3-Dichlorobenzene	6.98	146	81364	10.87	ng	# 99
14) 1,2-Dichlorobenzene	6.98	146	82603	11.66	ng	# 92
15) Benzyl Alcohol	6.96	79	10756	2.18	ng	# 41
18) Hexachloroethane	7.30	117	5819	2.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	44781	8.69	ng	# 73
22) Acetophenone	7.21	105	63016	8.45	ng	# 39
25) Isophorone	7.62	82	42857	3.53	ng	# 1
31) Naphthalene	8.11	128	53019	3.06	ng	# 84
32) Benzoic acid	7.88	122	3848	9.77	ng	# 40
35) Caprolactam	8.52	113	39506	26.77	ng	# 1
37) 2-Methylnaphthalene	8.81	142	53032	5.19	ng	# 97
49) Dimethylphthalate	9.56	163	38801	3.64	ng	# 50
50) 2,6-Dinitrotoluene	9.62	165	8060	3.66	ng	# 78
52) 3-Nitroaniline	9.80	138	10883	4.34	ng	# 25
53) 2,4-Dinitrophenol	9.89	184	269	8.03	ng	# 1
55) 4-Nitrophenol	9.95	139	11439	6.97	ng	# 1
57) Fluorene	10.40	166	24745	2.52	ng	# 76
61) 4-Nitroaniline	10.30	138	7068	2.89	ng	# 80
65) n-Nitrosodiphenylamine	10.51	169	94201	13.39	ng	# 50
70) Phenanthrene	11.36	178	87293	7.39	ng	# 75
73) Di-n-butylphthalate	11.90	149	139511	11.02	ng	# 91
74) Fluoranthene	12.56	202	142565	11.95	ng	# 88
77) Pyrene	12.78	202	183875	23.73	ng	# 93
80) Benzo(a)anthracene	14.03	228	55174	9.62	ng	# 49
82) Chrysene	14.03	228	55251	8.87	ng	# 53
83) Bis(2-ethylhexyl)phthalate	14.00	149	177333	42.57	ng	# 87
84) Di-n-octyl phthalate	14.64	149	13770	2.11	ng	# 70
87) Benzo(b)fluoranthene	15.05	252	39802	7.29	ng	# 1
88) Benzo(k)fluoranthene	15.05	252	39802	6.99	ng	# 1
89) Benzo(a)pyrene	15.40	252	15282	2.96	ng	# 1
91) Benzo(g,h,i)perylene	17.28	276	24602	5.82	ng	# 1

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Response via : Initial Calibration

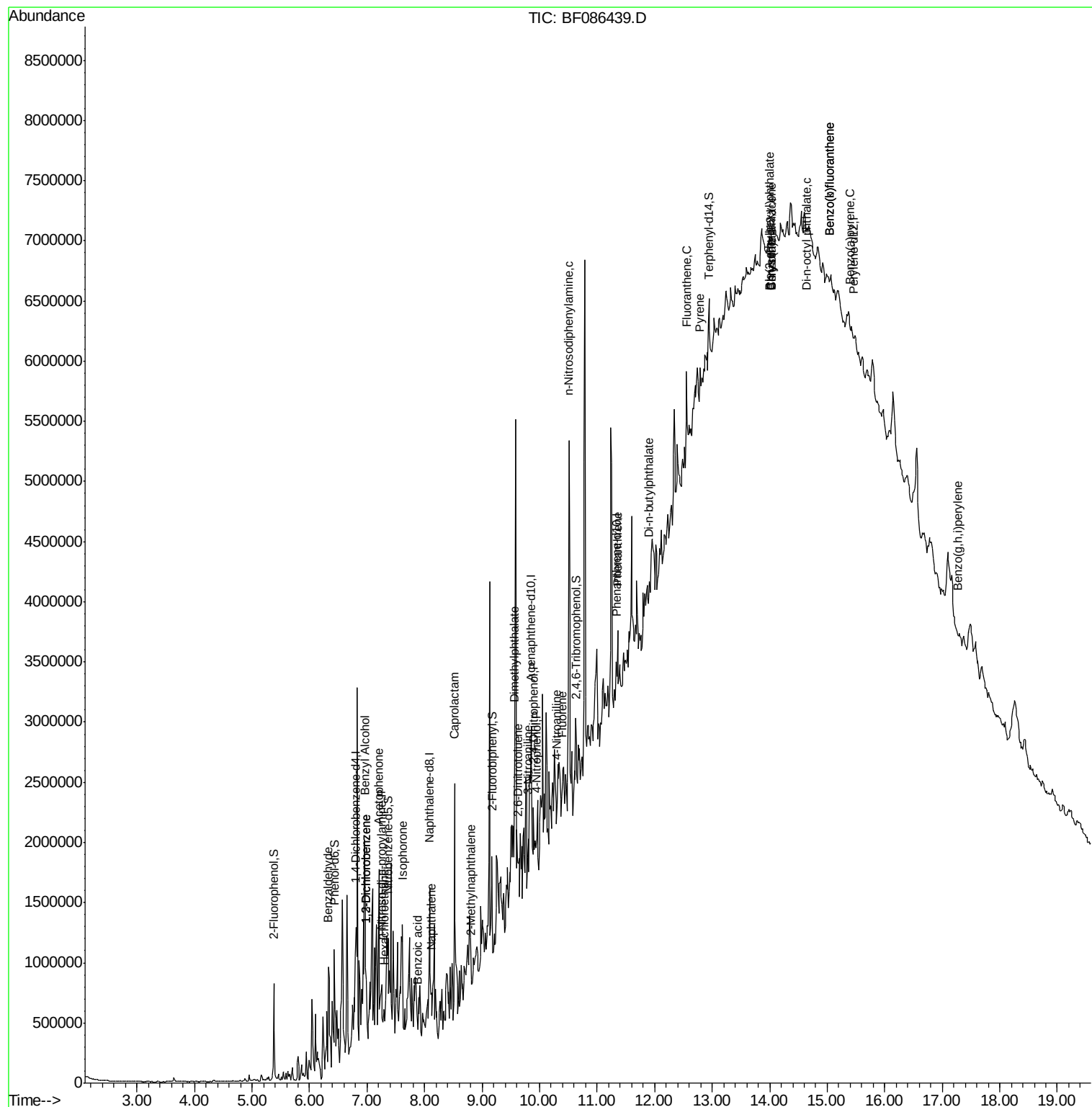
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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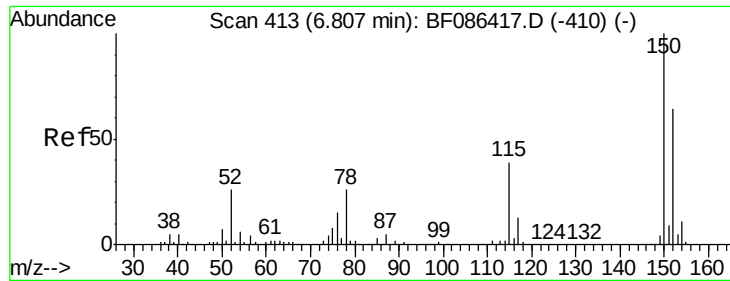
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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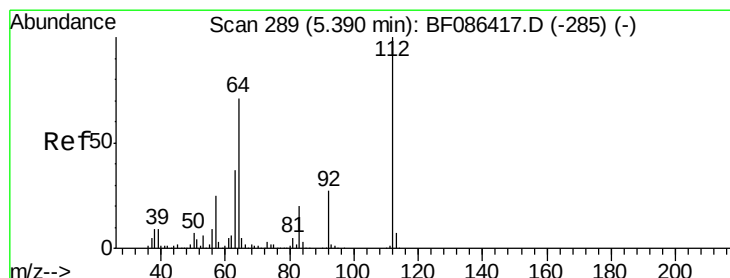
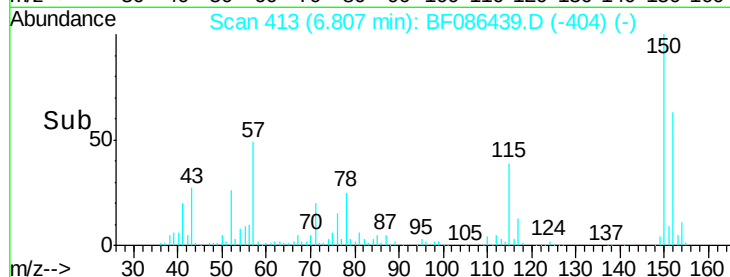
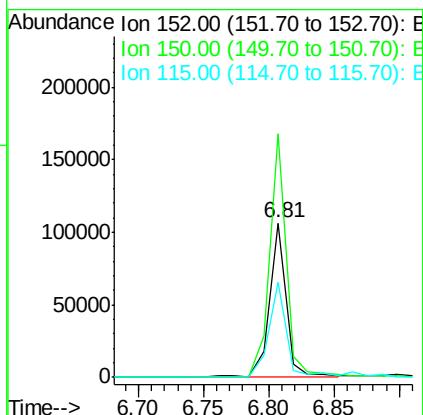
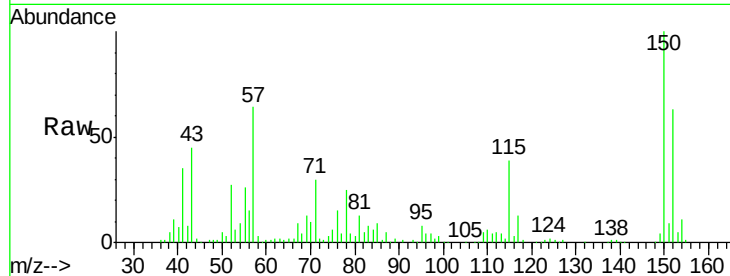


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

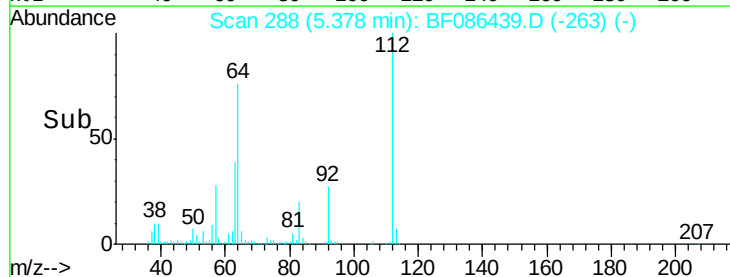
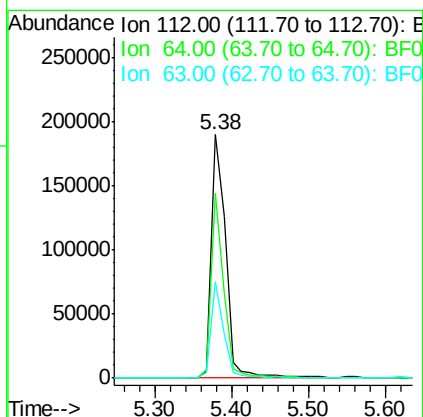
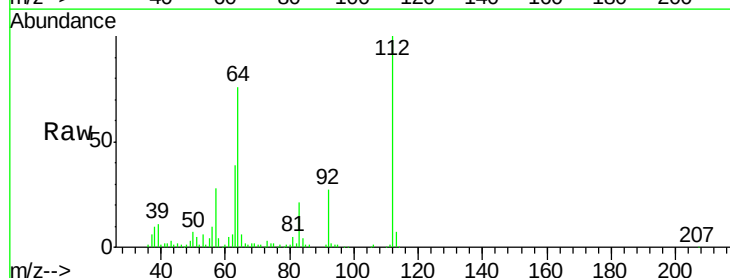
Tgt Ion:152 Resp: 96385
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 61.5 51.5 77.3

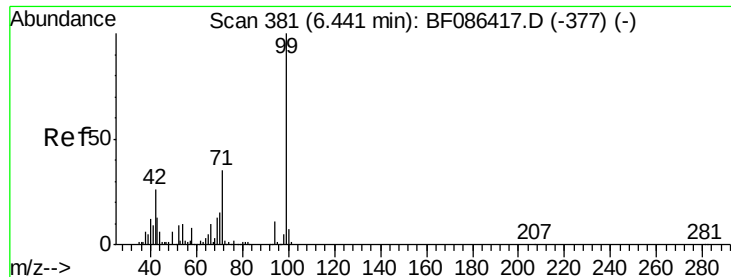


#5

2-Fluorophenol
Concen: 44.07 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion:112 Resp: 246272
Ion Ratio Lower Upper
112 100
64 75.9 52.1 78.1
63 39.4 25.7 38.5#





#7

Phenol-d6

Concen: 42.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

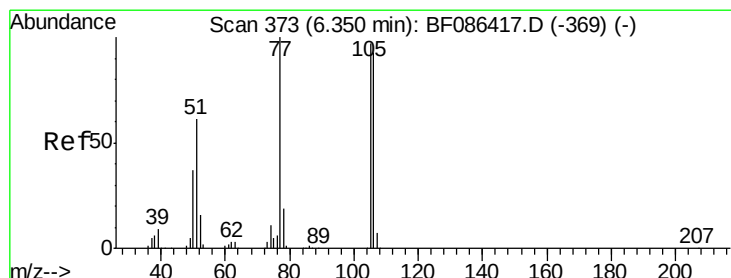
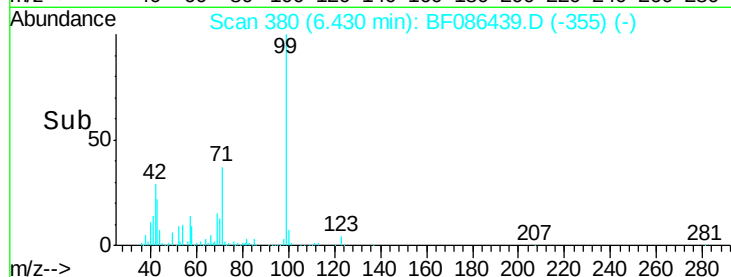
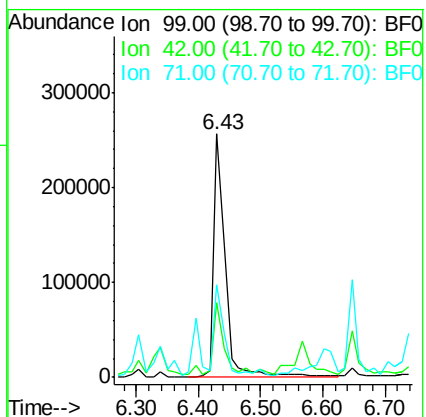
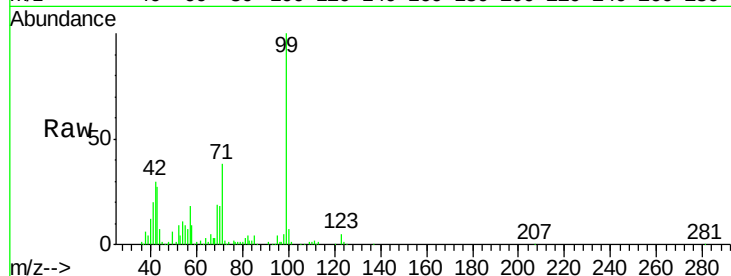
Tgt Ion: 99 Resp: 331426

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

71 38.3 24.6 36.8#



#9

Benzaldehyde

Concen: 2.17 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

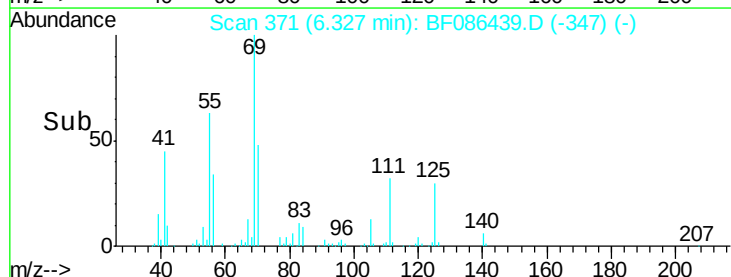
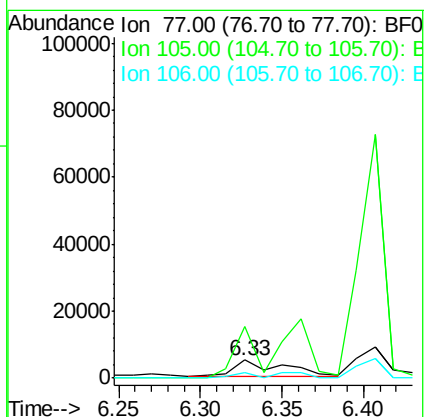
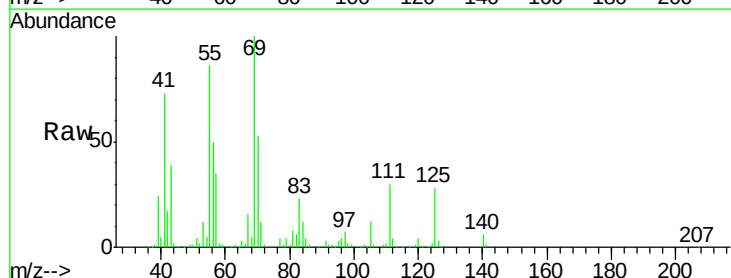
Tgt Ion: 77 Resp: 9857

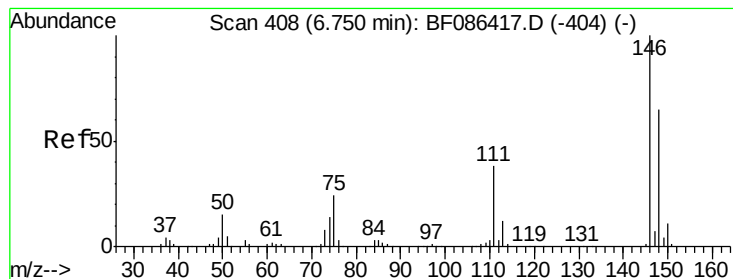
Ion Ratio Lower Upper

77 100

105 291.5 72.7 112.7#

106 27.6 70.8 110.8#





#12

1,3-Dichlorobenzene

Concen: 10.87 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.23 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

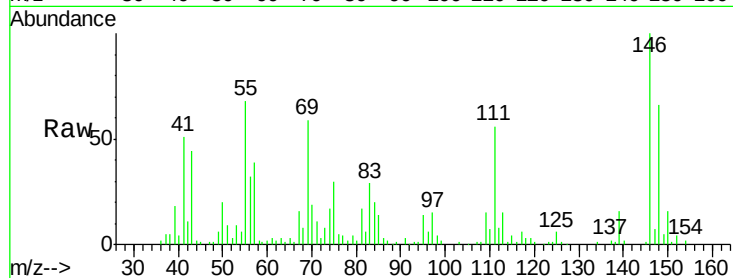
Tgt Ion:146 Resp: 81364

Ion Ratio Lower Upper

146 100

148 66.0 52.4 78.6

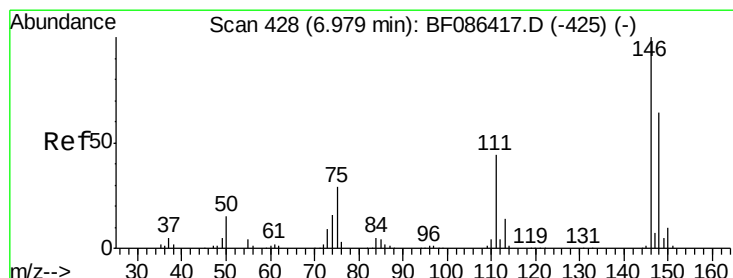
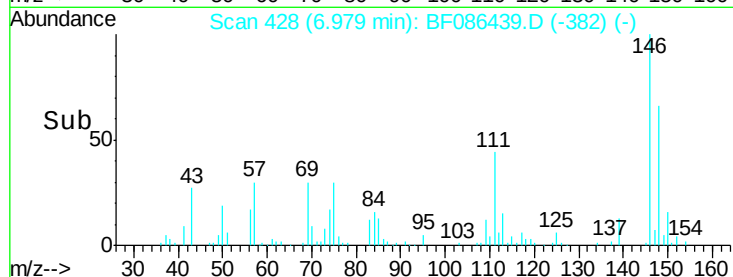
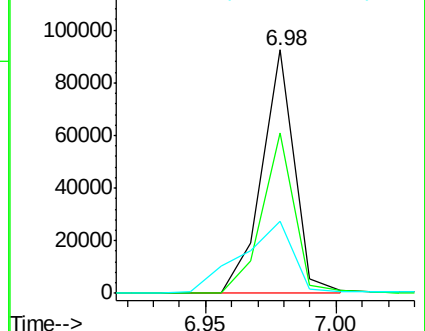
75 29.8 22.8 34.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#14

1,2-Dichlorobenzene

Concen: 11.66 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

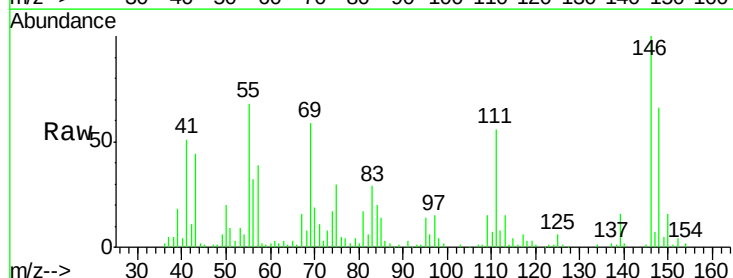
Tgt Ion:146 Resp: 82603

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

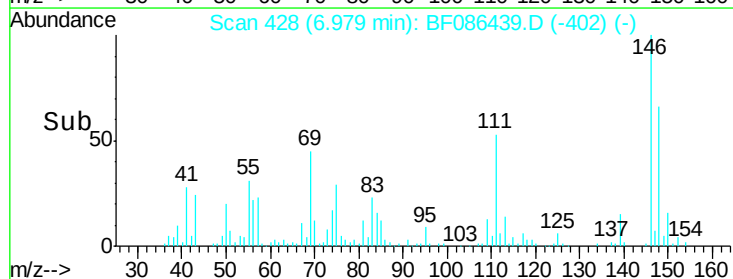
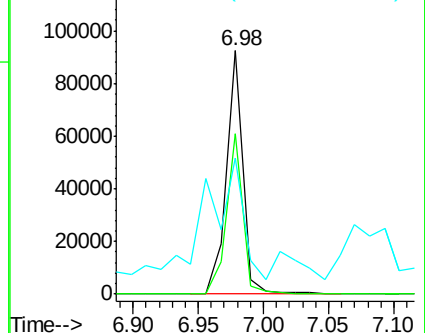
111 55.8 36.2 54.4#

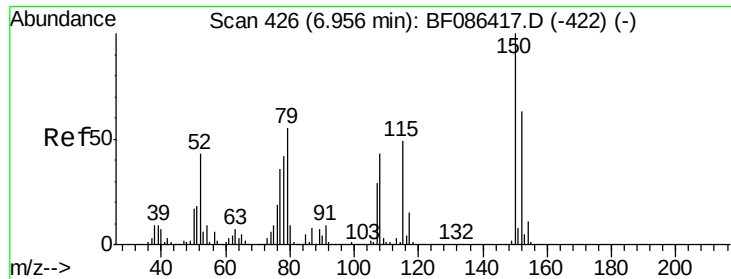


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

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ClientSampleId :

WC-CARTERET

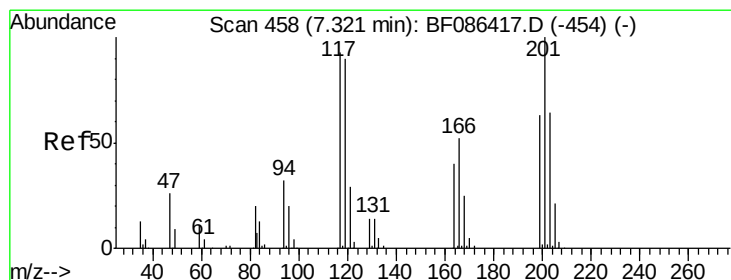
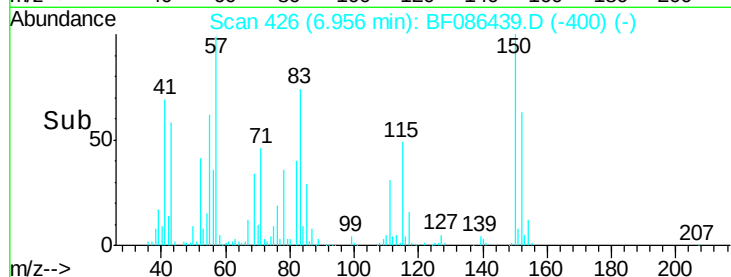
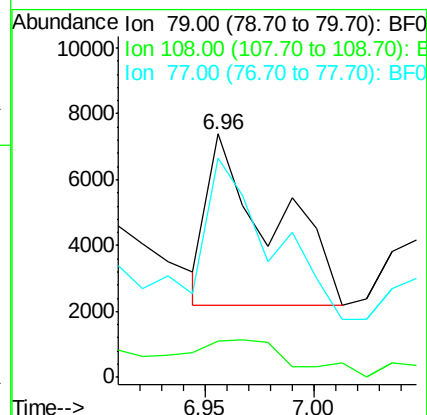
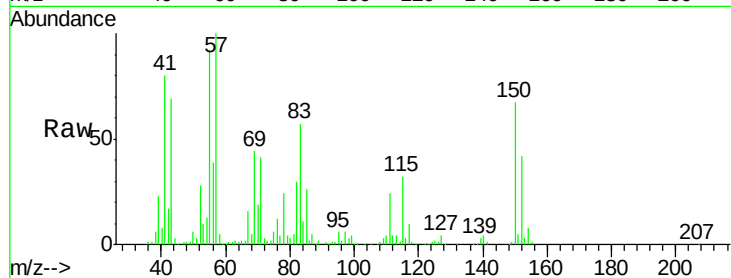
Tgt Ion: 79 Resp: 10756

Ion Ratio Lower Upper

79 100

108 14.9 68.4 102.6#

77 90.1 50.6 76.0#



#18

Hexachloroethane

Concen: 2.02 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

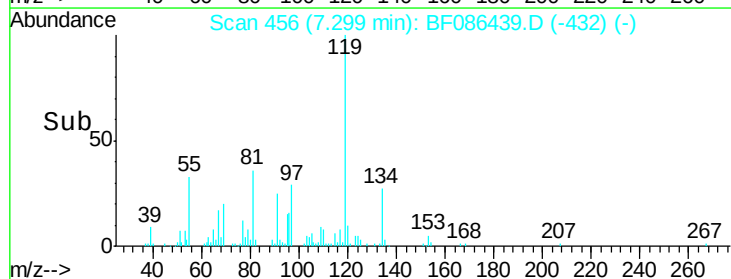
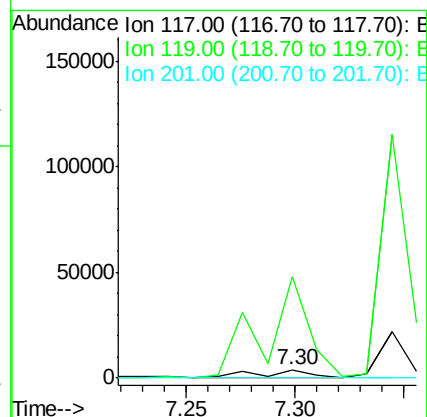
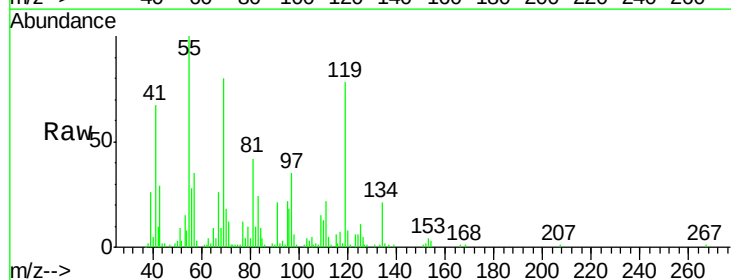
Tgt Ion: 117 Resp: 5819

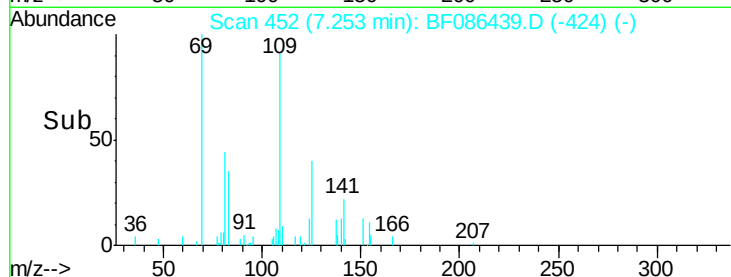
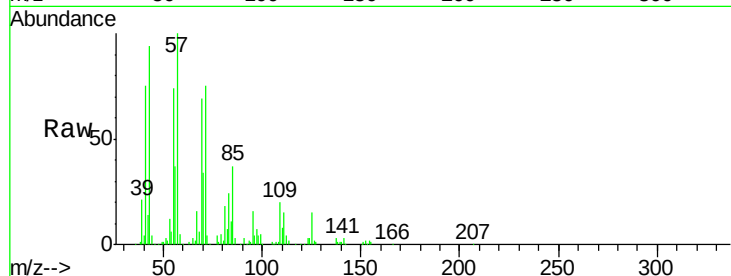
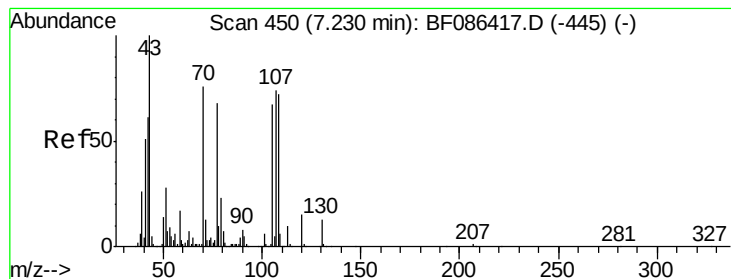
Ion Ratio Lower Upper

117 100

119 1189.3 76.5 114.7#

201 0.0 63.0 94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 8.69 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 44781

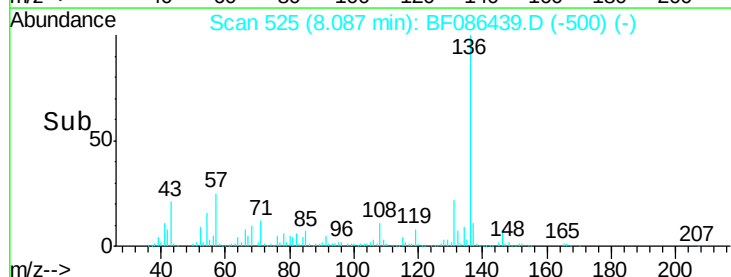
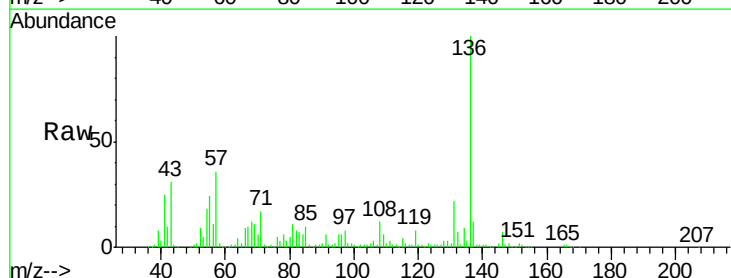
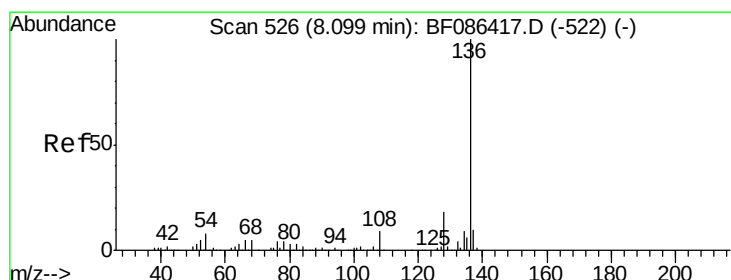
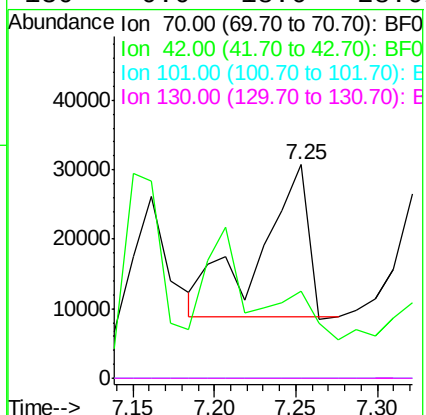
Ion Ratio Lower Upper

70 100

42 41.0 43.1 64.7#

101 0.0 8.1 12.1#

130 0.0 18.6 28.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Tgt Ion: 136 Resp: 340079

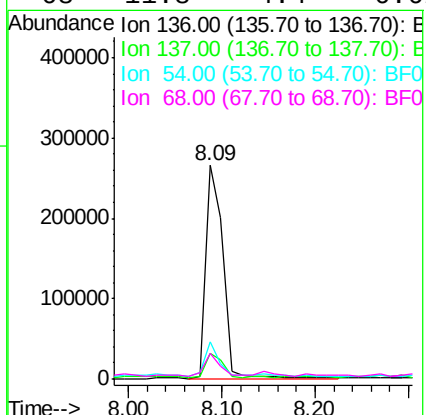
Ion Ratio Lower Upper

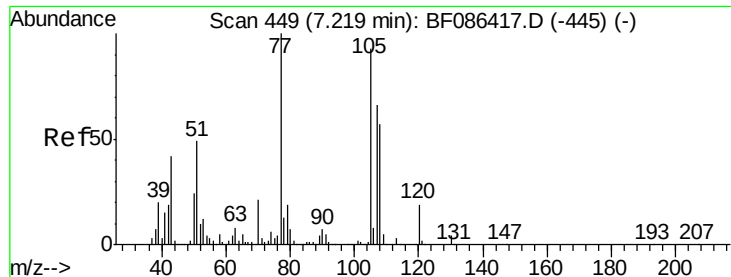
136 100

137 11.8 8.8 13.2

54 17.6 5.0 7.4#

68 11.8 4.4 6.6#





#22

Acetophenone

Concen: 8.45 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

Tgt Ion: 105 Resp: 63016

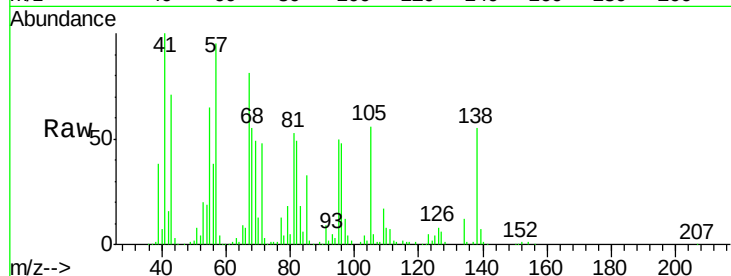
Ion Ratio Lower Upper

105 100

71 87.3 4.8 7.2#

51 13.7 32.6 49.0#

120 0.0 16.5 24.7#

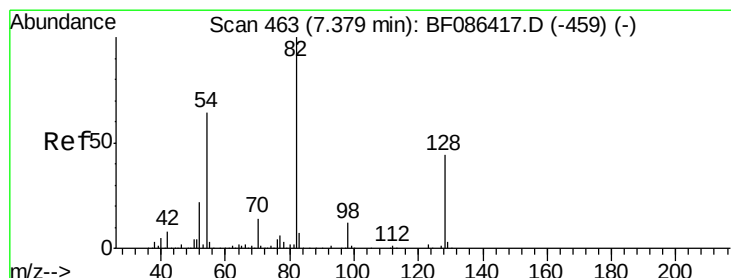
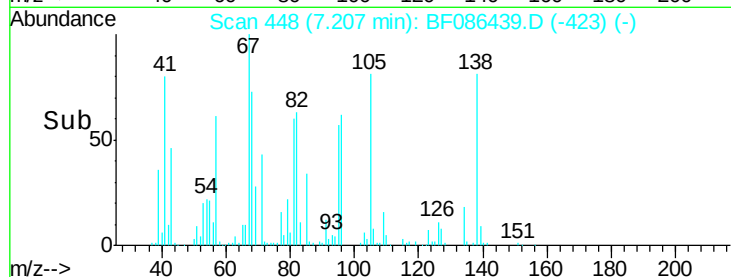
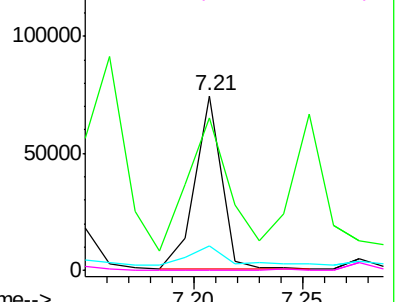


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 32.57 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

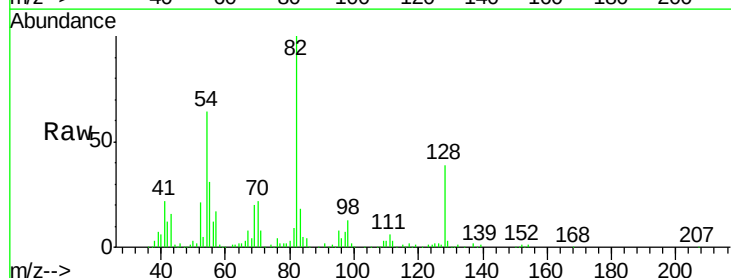
Tgt Ion: 82 Resp: 205511

Ion Ratio Lower Upper

82 100

128 39.1 40.6 61.0#

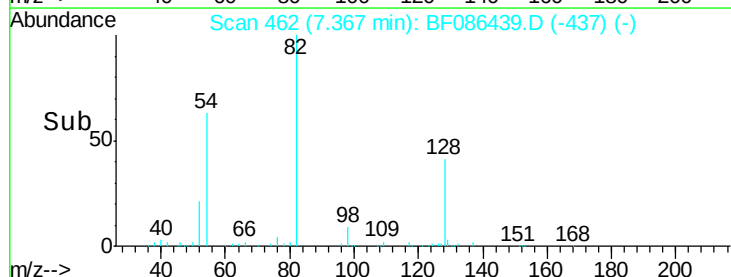
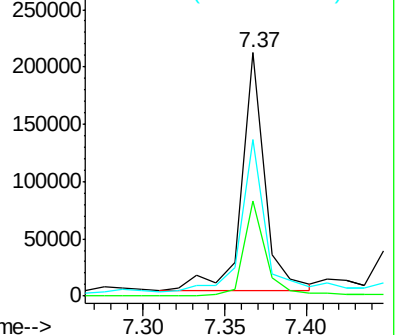
54 64.2 38.1 57.1#

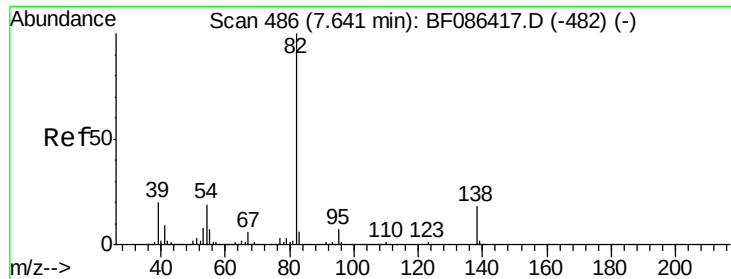


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 3.53 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

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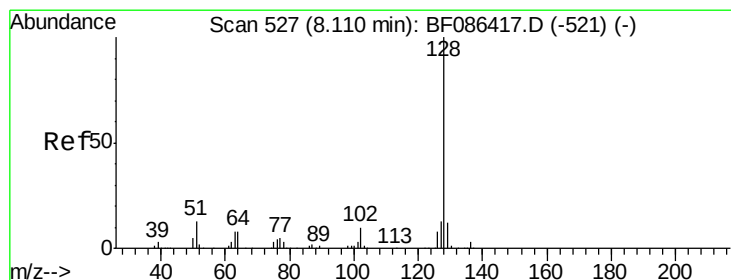
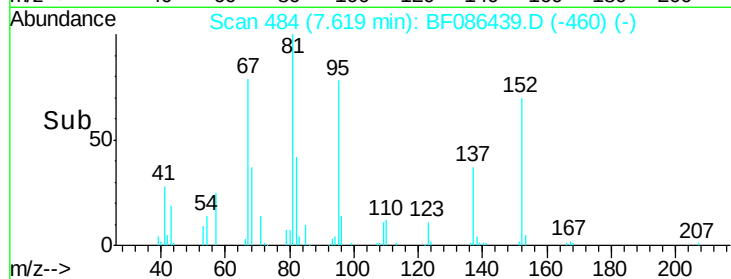
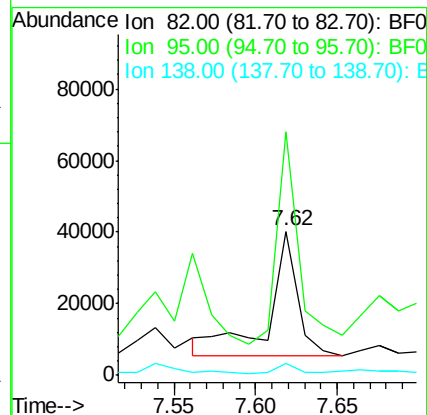
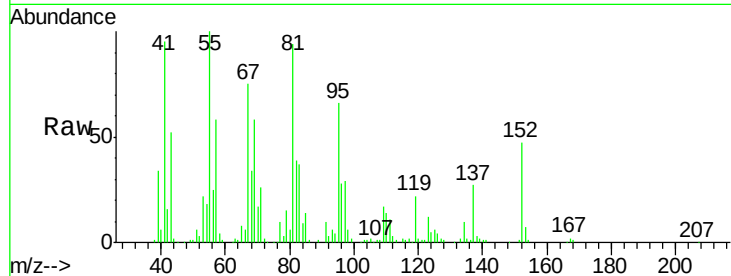
Tgt Ion: 82 Resp: 42857

Ion Ratio Lower Upper

82 100

95 168.7 5.1 7.7#

138 8.6 12.4 18.6#



#31

Naphthalene

Concen: 3.06 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

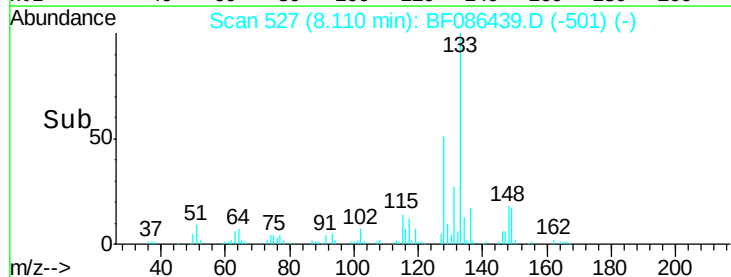
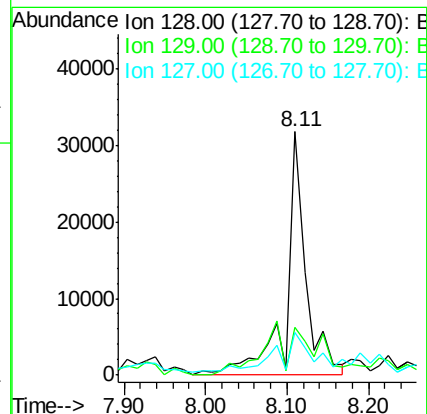
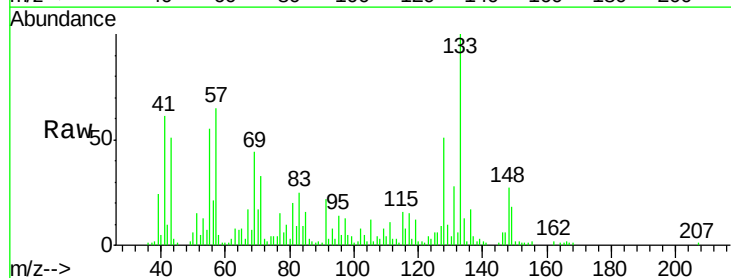
Tgt Ion: 128 Resp: 53019

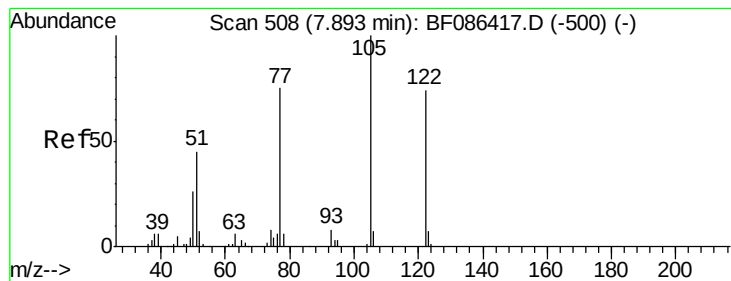
Ion Ratio Lower Upper

128 100

129 19.7 8.6 13.0#

127 17.5 10.8 16.2#





#32

Benzoic acid

Concen: 9.77 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

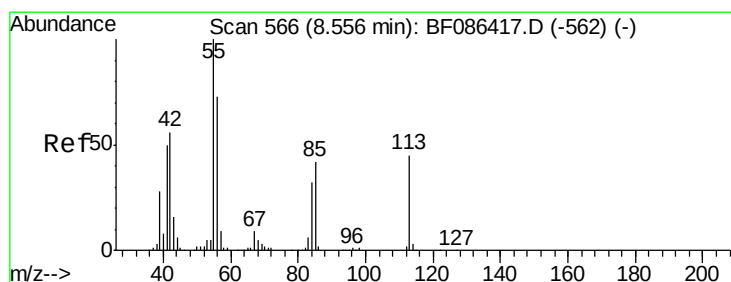
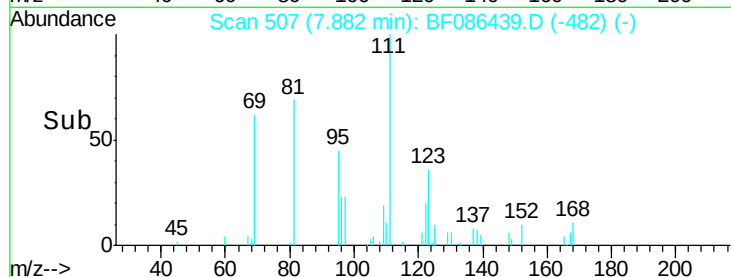
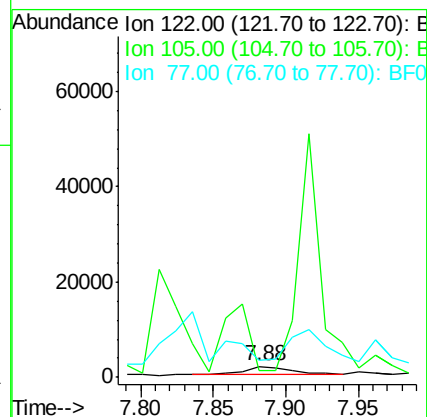
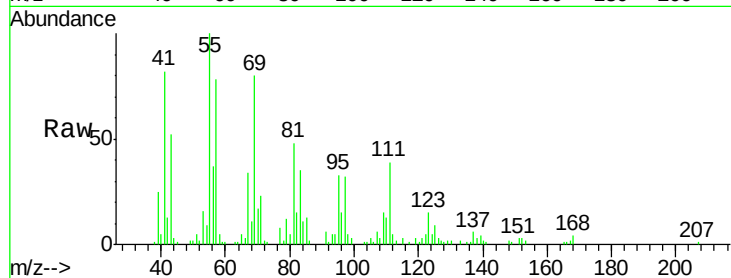
Tgt Ion:122 Resp: 3848

Ion Ratio Lower Upper

122 100

105 64.9 92.6 132.6#

77 153.1 60.0 100.0#



#35

Caprolactam

Concen: 26.77 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

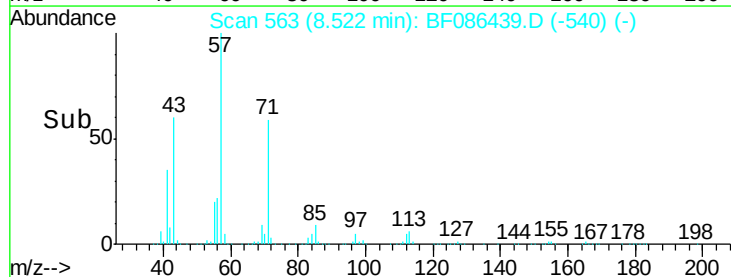
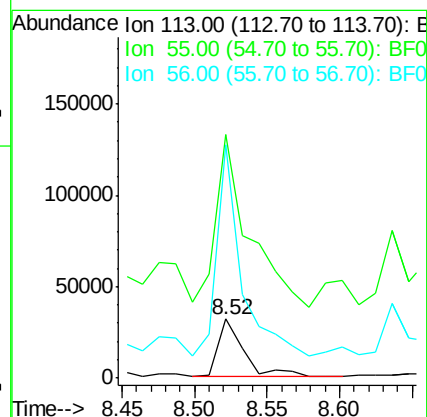
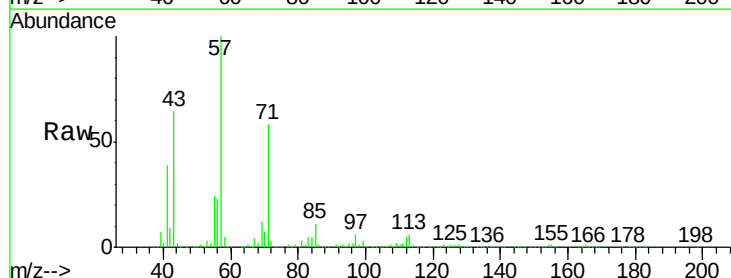
Tgt Ion:113 Resp: 39506

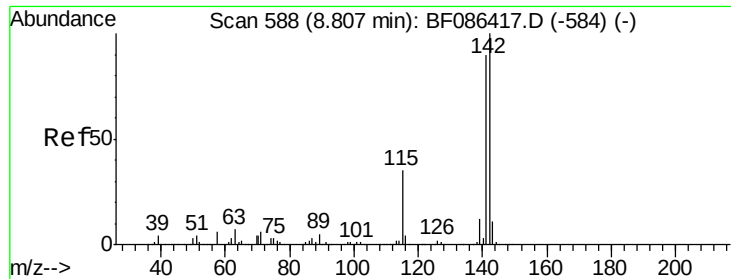
Ion Ratio Lower Upper

113 100

55 412.7 162.0 202.0#

56 394.9 115.3 155.3#

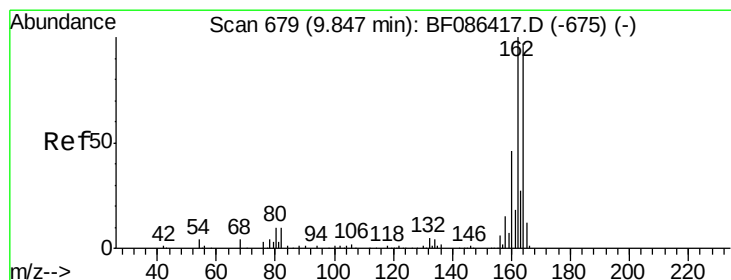
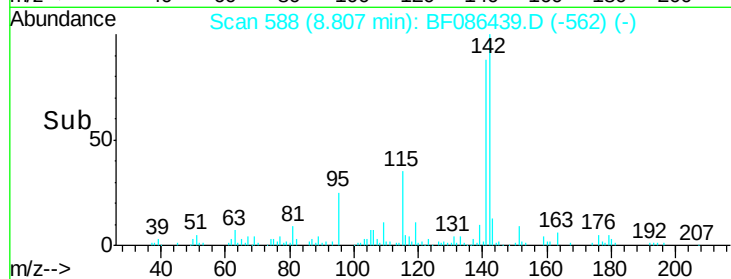
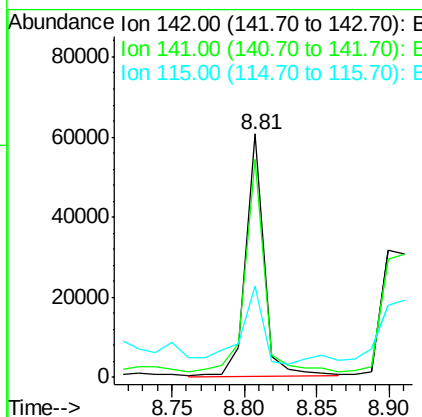
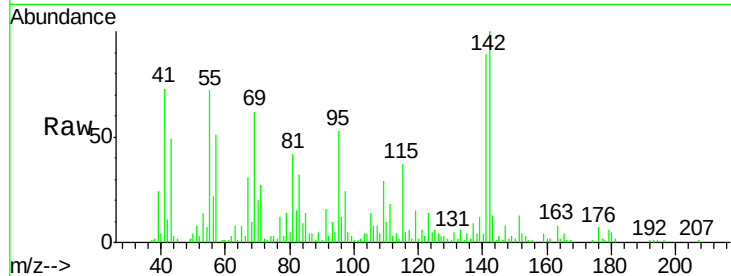




#37
2-Methylnaphthalene
Concen: 5.19 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

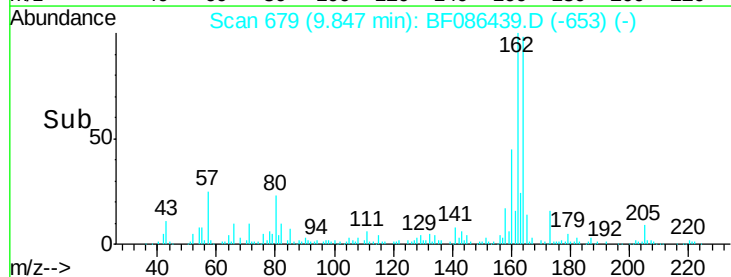
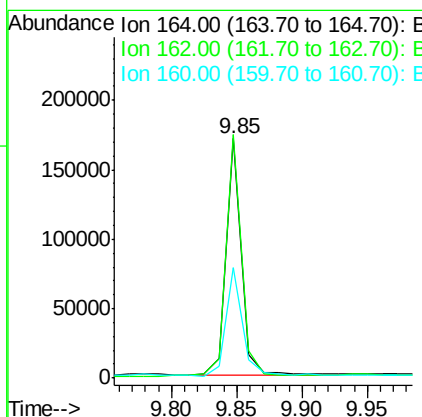
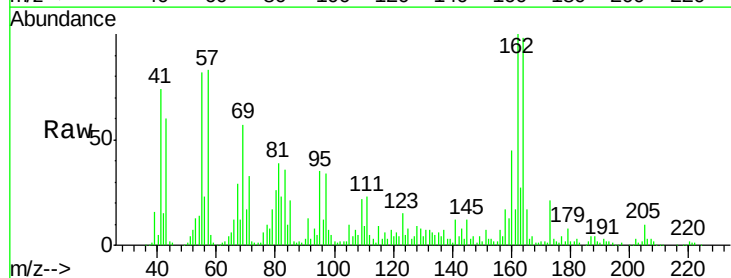
Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

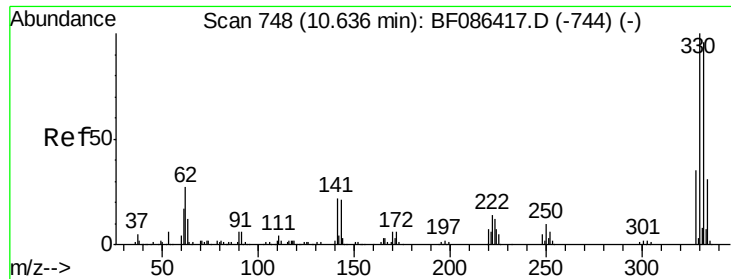
Tgt Ion:142 Resp: 53032
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 37.4 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion:164 Resp: 141638
Ion Ratio Lower Upper
164 100
162 101.7 82.8 124.2
160 46.1 36.9 55.3

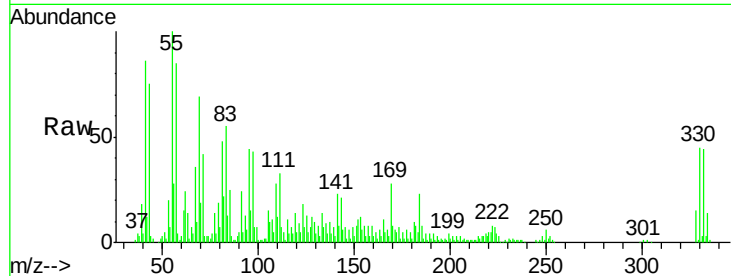




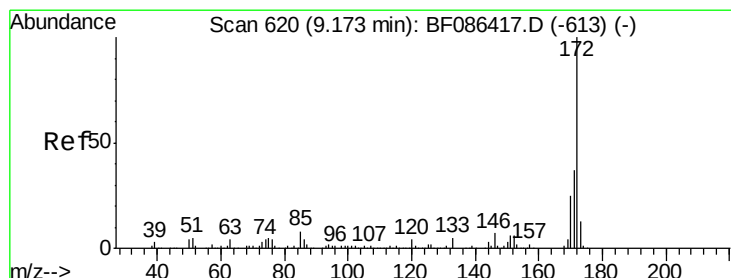
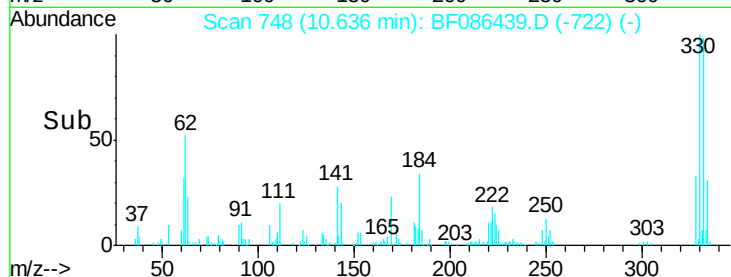
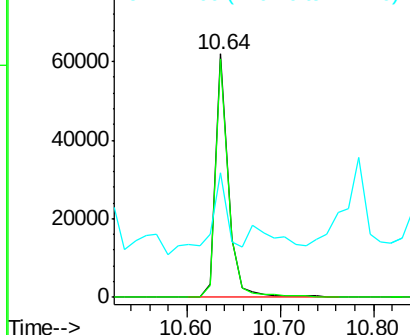
#41
 2,4,6-Tribromophenol
 Concen: 39.90 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

Tgt Ion:330 Resp: 59595
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 27.4 31.2 46.8#

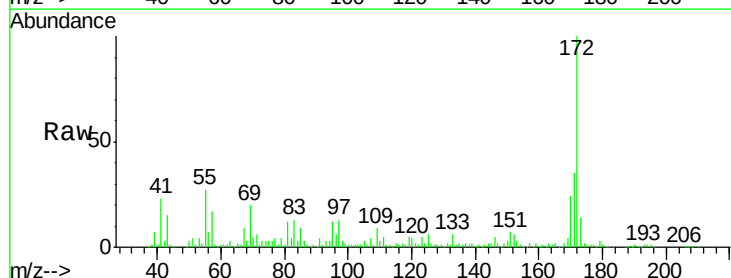


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

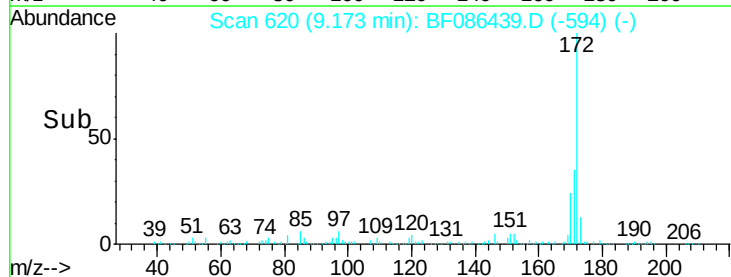
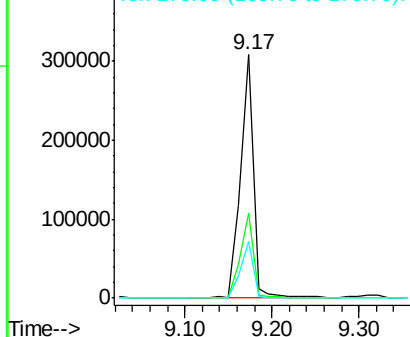


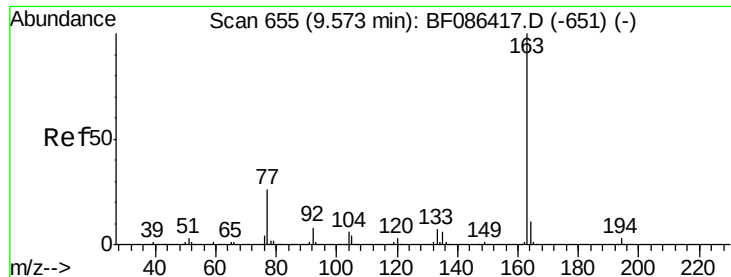
#44
 2-Fluorobiphenyl
 Concen: 31.77 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Tgt Ion:172 Resp: 314875
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.6
 170 23.6 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

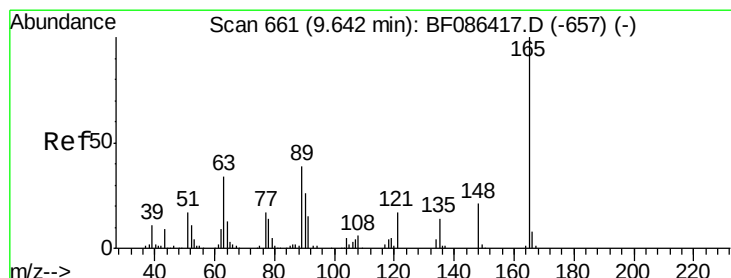
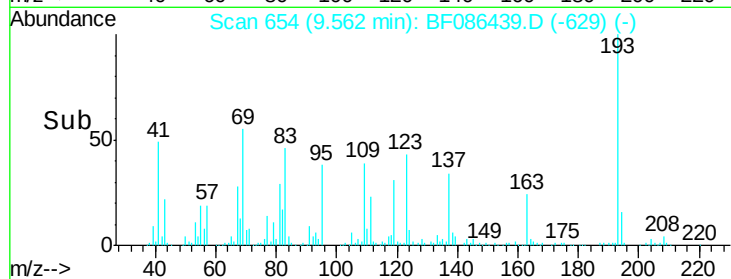
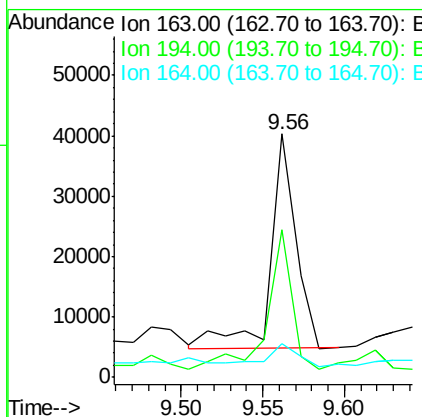
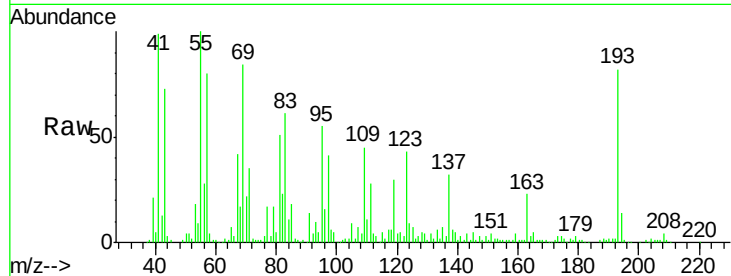




#49
Dimethylphthalate
Concen: 3.64 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

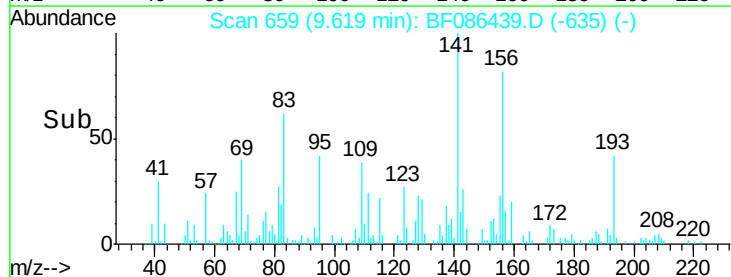
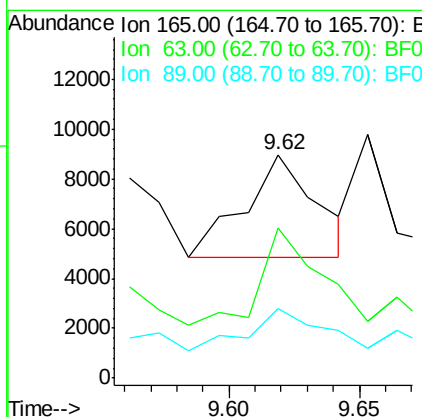
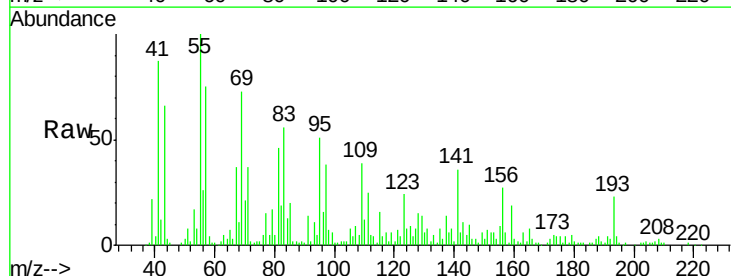
Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

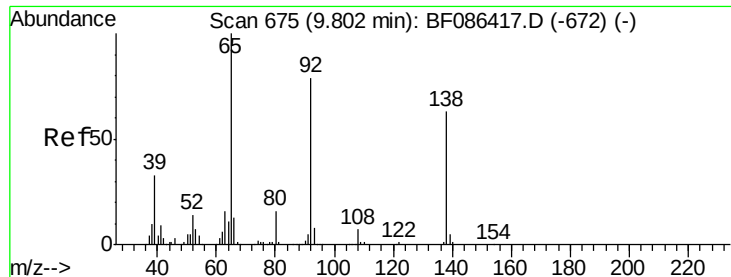
Tgt Ion:163 Resp: 38801
Ion Ratio Lower Upper
163 100
194 60.8 2.6 4.0#
164 14.0 8.2 12.4#



#50
2,6-Dinitrotoluene
Concen: 3.66 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion:165 Resp: 8060
Ion Ratio Lower Upper
165 100
63 67.4 51.8 77.8
89 30.9 50.7 76.1#





#52

3-Nitroaniline

Concen: 4.34 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

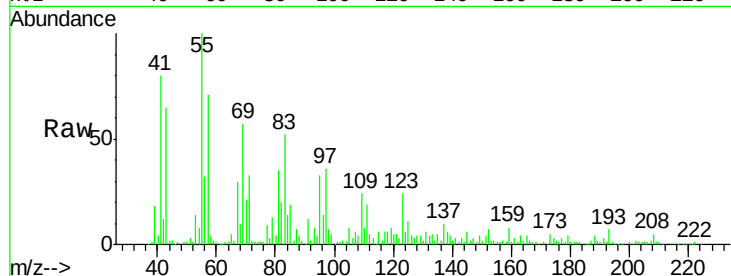
Tgt Ion:138 Resp: 10883

Ion Ratio Lower Upper

138 100

108 62.9 7.8 11.6#

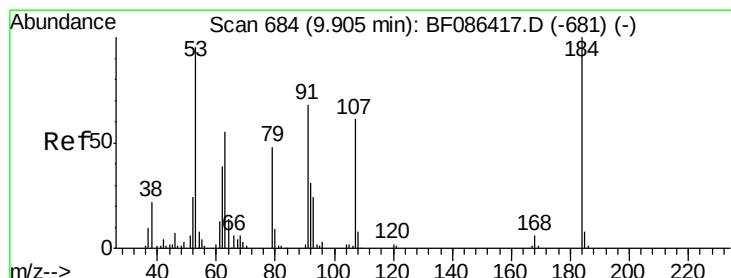
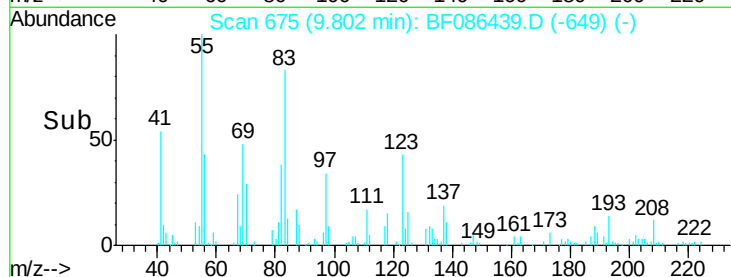
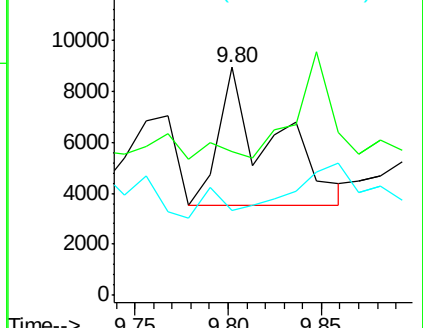
92 37.4 87.8 131.8#



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: 8.03 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

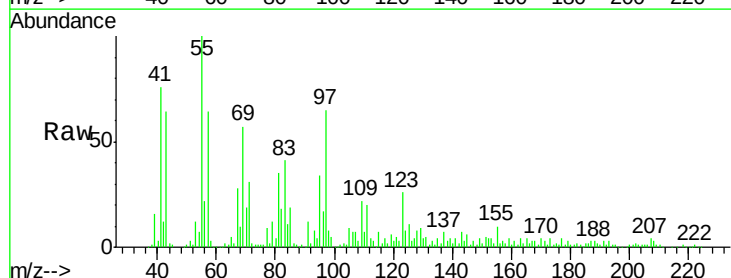
Tgt Ion:184 Resp: 269

Ion Ratio Lower Upper

184 100

63 717.3 55.8 83.8#

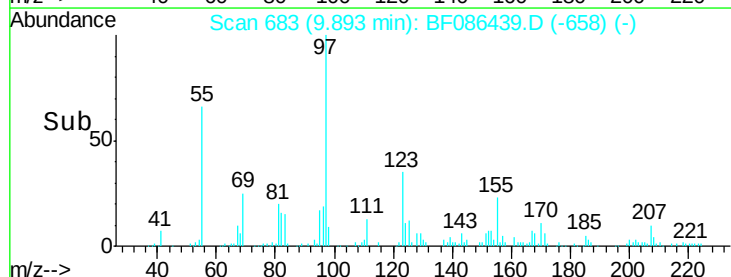
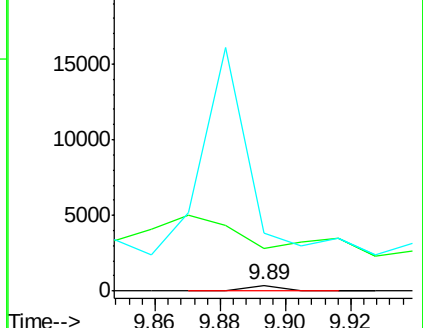
154 965.4 62.4 93.6#

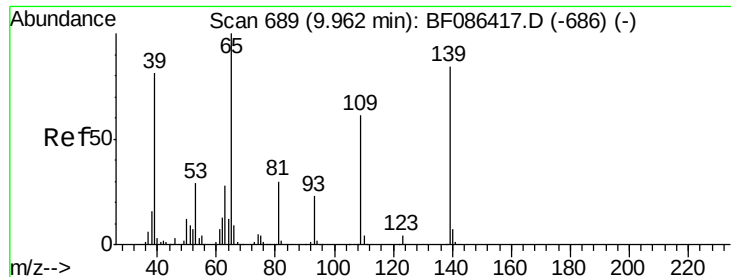


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

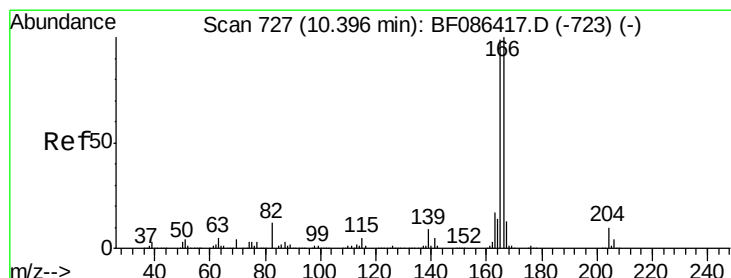
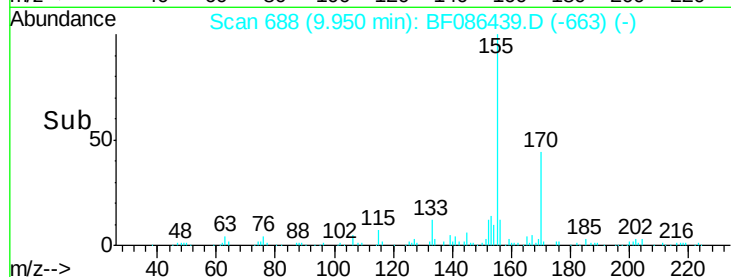
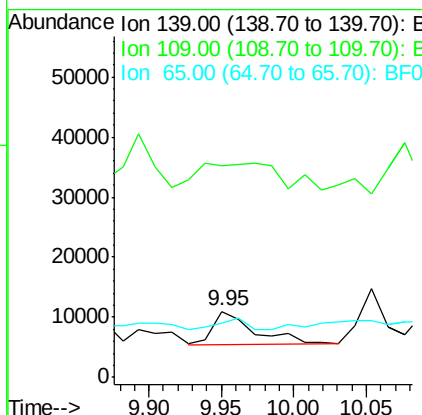
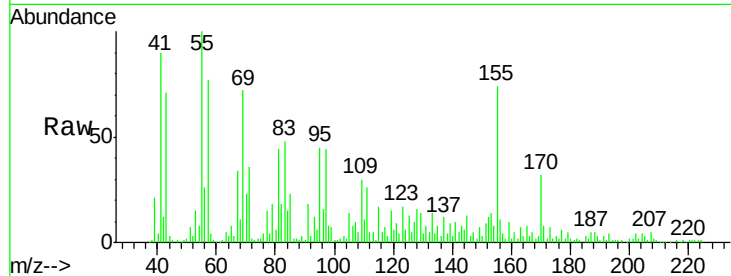




#55
4-Nitrophenol
Concen: 6.97 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

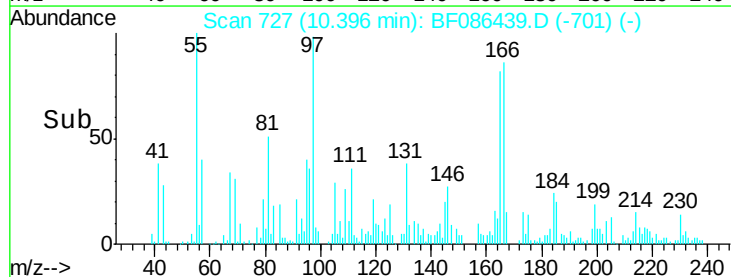
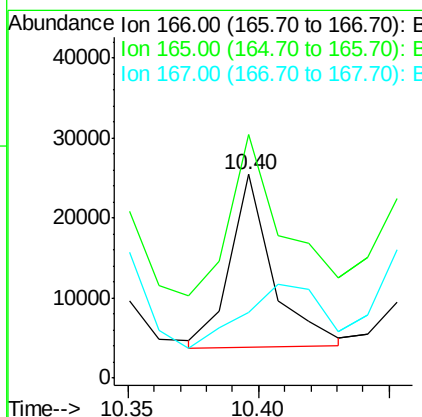
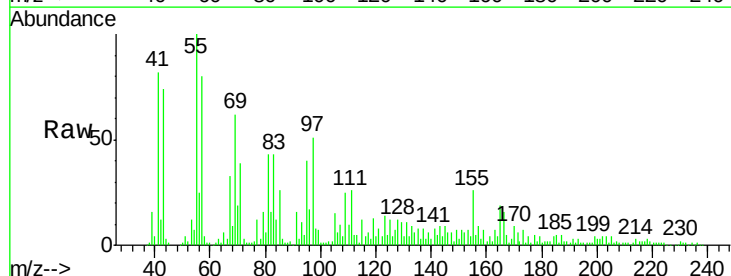
Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

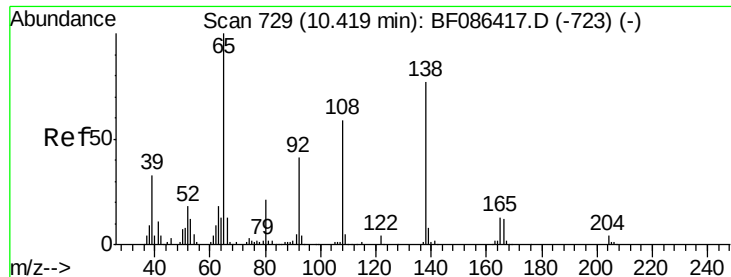
Tgt Ion:139 Resp: 11439
Ion Ratio Lower Upper
139 100
109 321.2 36.9 76.9#
65 83.1 64.0 104.0



#57
Fluorene
Concen: 2.52 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion:166 Resp: 24745
Ion Ratio Lower Upper
166 100
165 119.7 79.0 118.6#
167 32.2 10.6 15.8#

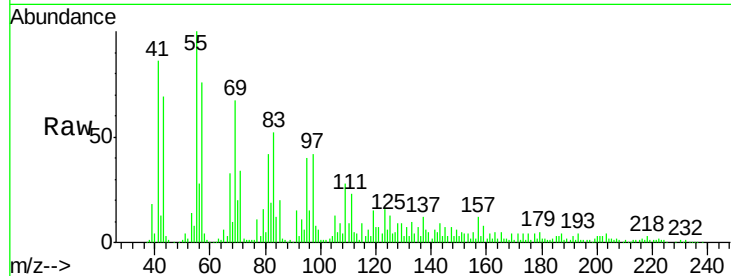




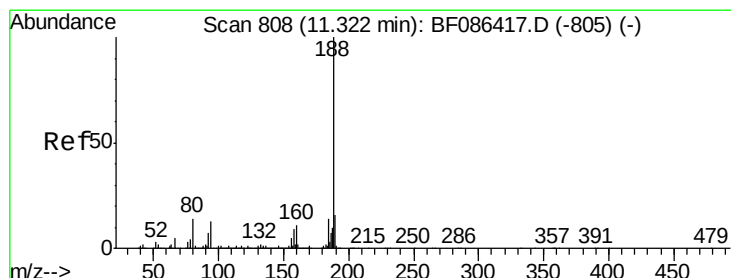
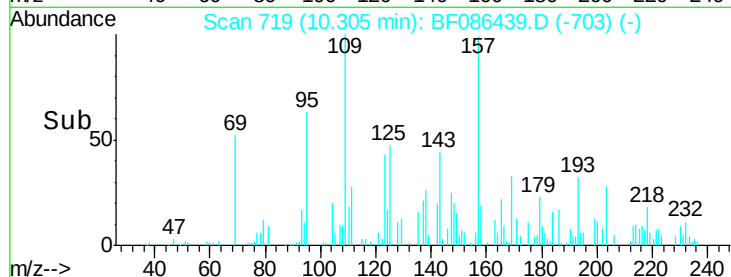
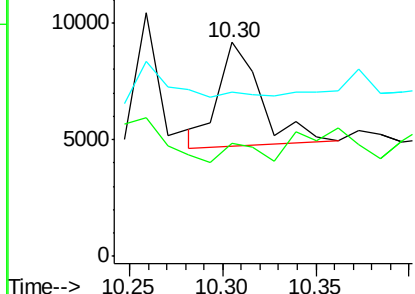
#61
4-Nitroaniline
Concen: 2.89 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.11 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Instrument :
BNA_F
ClientSampleId :
WC-CARTERET

Tgt Ion:138 Resp: 7068
Ion Ratio Lower Upper
138 100
92 52.7 24.7 64.7
108 77.0 37.4 77.4

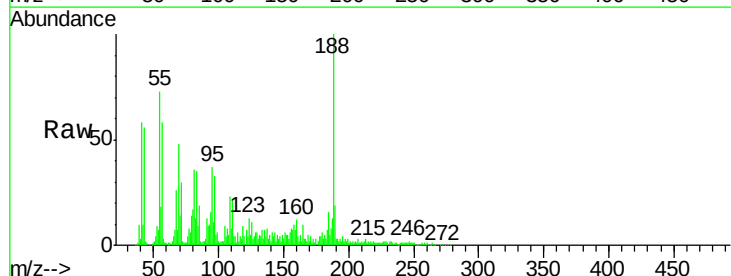


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

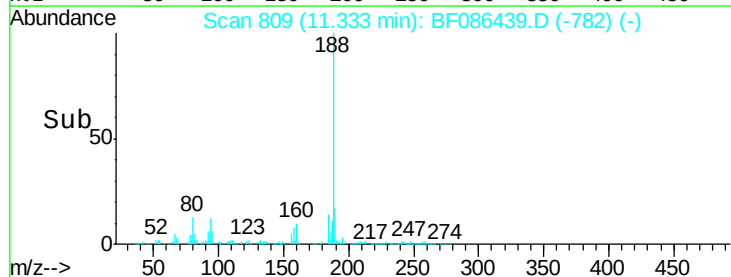
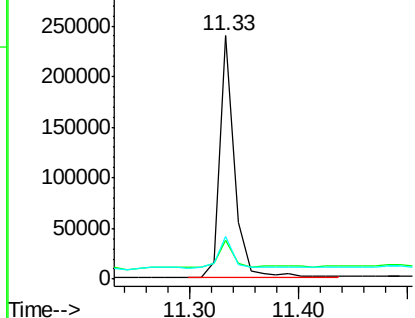


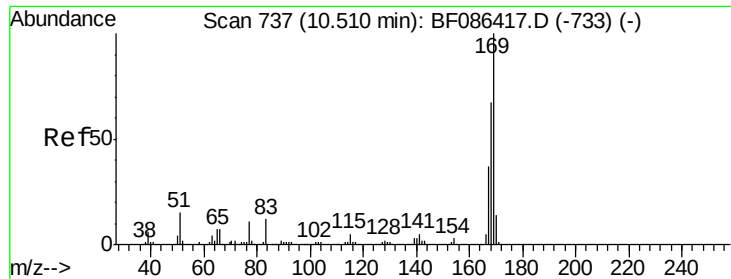
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF086439.D
Acq: 27 Apr 2016 22:30

Tgt Ion:188 Resp: 225142
Ion Ratio Lower Upper
188 100
94 16.2 6.8 10.2#
80 17.3 7.1 10.7#



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

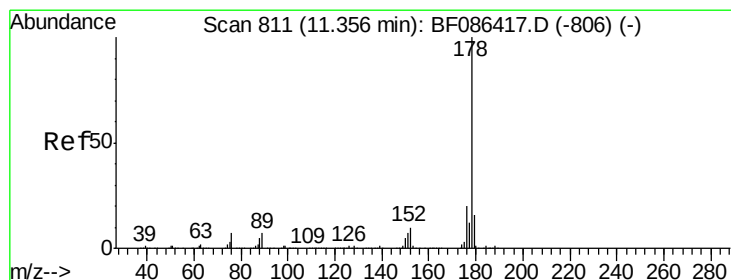
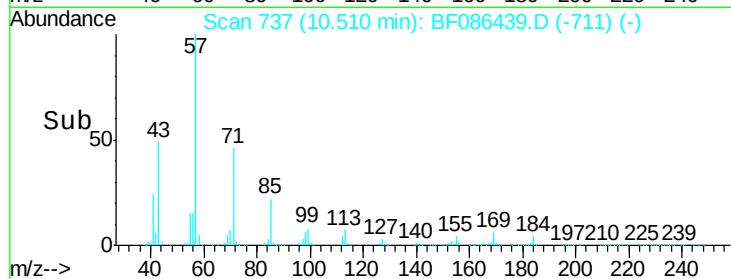
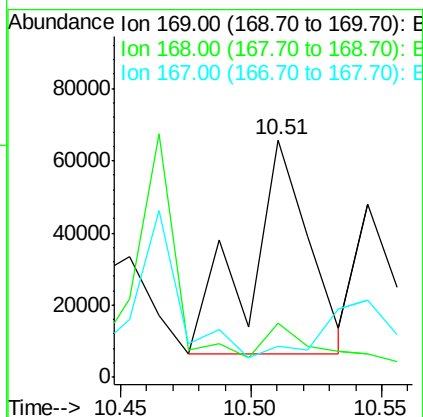
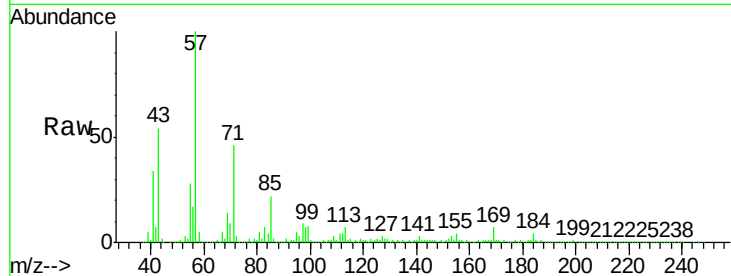




#65
 n-Nitrosodiphenylamine
 Concen: 13.39 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

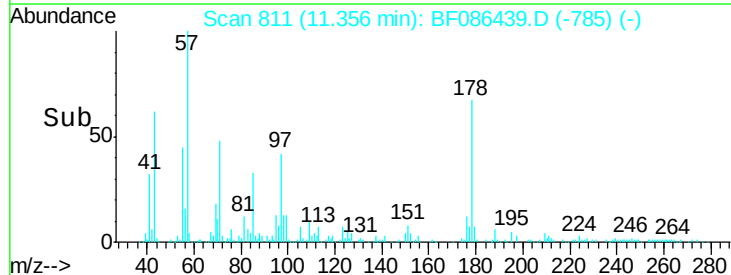
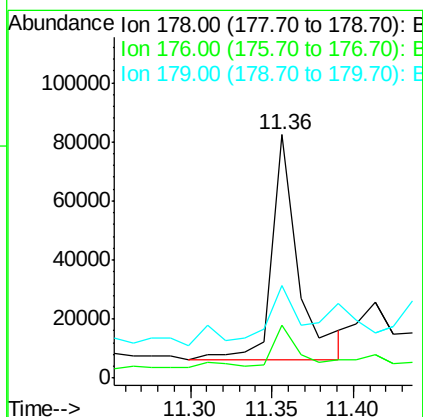
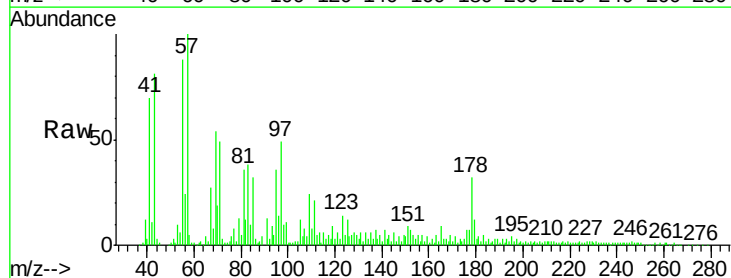
Instrument :
 BNA_F
 ClientSampleId :
 WC-CARTERET

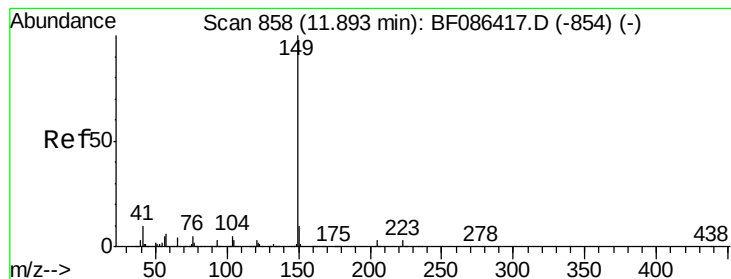
Tgt Ion:169 Resp: 94201
 Ion Ratio Lower Upper
 169 100
 168 22.6 53.8 80.6#
 167 13.2 29.5 44.3#



#70
 Phenanthrene
 Concen: 7.39 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF086439.D
 Acq: 27 Apr 2016 22:30

Tgt Ion:178 Resp: 87293
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.0 24.0
 179 38.2 12.6 18.8#





#73

Di-n-butylphthalate

Concen: 11.02 ng

RT: 11.90 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

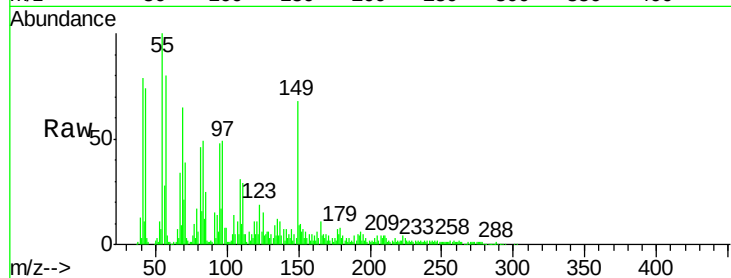
Tgt Ion:149 Resp: 139511

Ion Ratio Lower Upper

149 100

150 12.9 7.6 11.4#

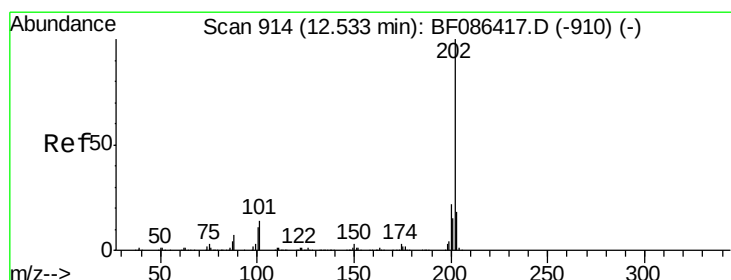
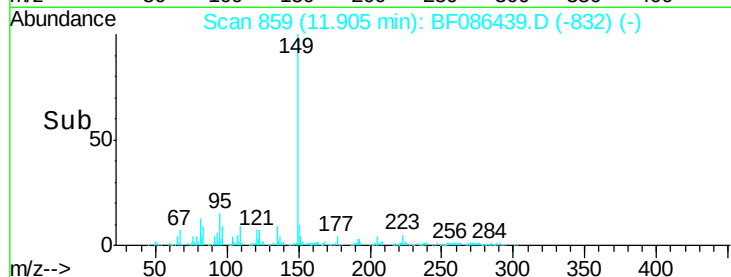
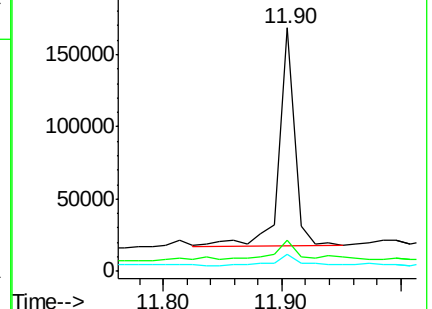
104 7.1 3.8 5.6#



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: 11.95 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

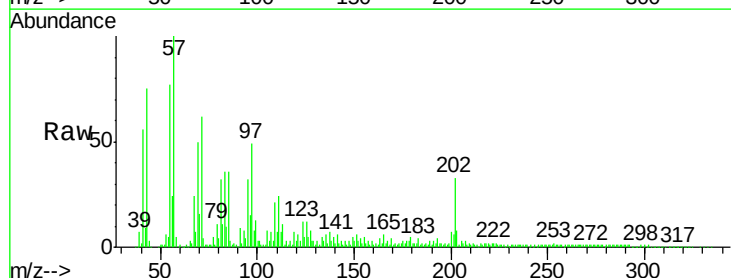
Tgt Ion:202 Resp: 142565

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.4

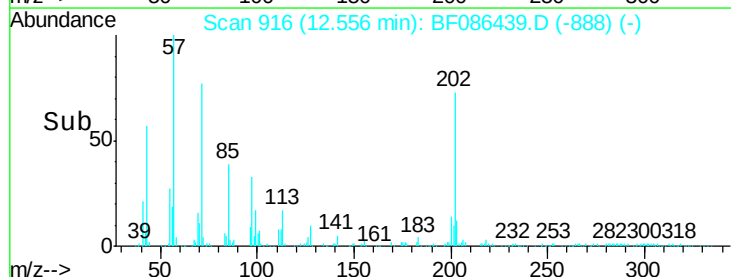
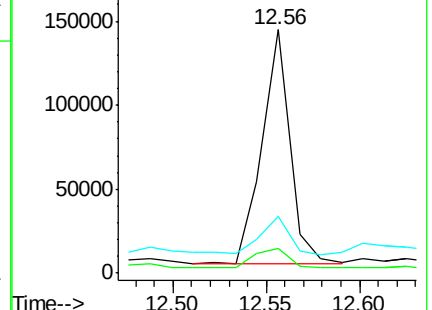
203 23.3 0.0 38.1

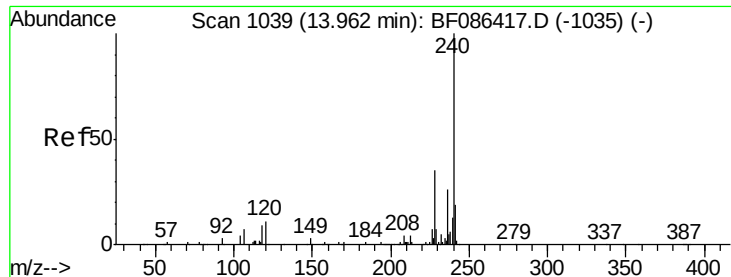


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

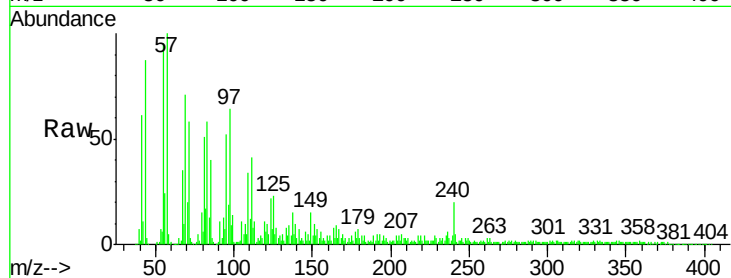
Tgt Ion:240 Resp: 107539

Ion Ratio Lower Upper

240 100

120 27.5 11.2 16.8#

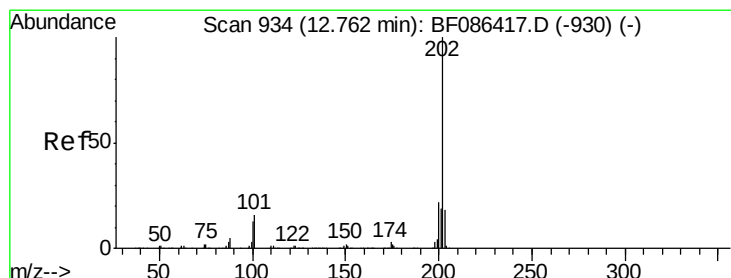
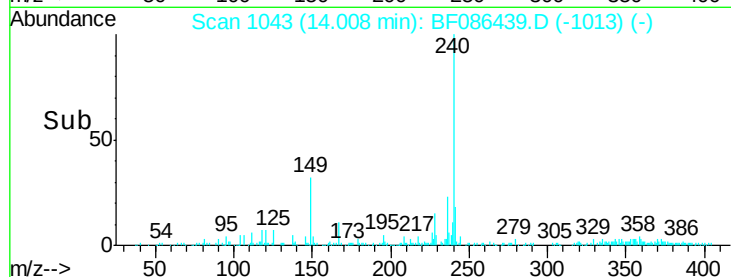
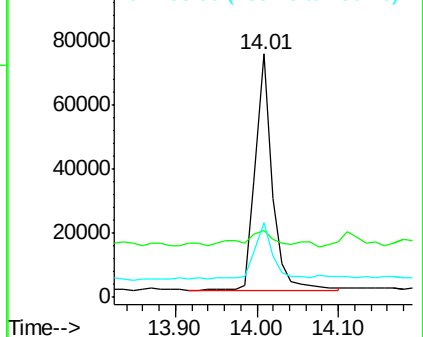
236 30.6 21.2 31.8



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



#77

Pyrene

Concen: 23.73 ng

RT: 12.78 min Scan# 936

Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

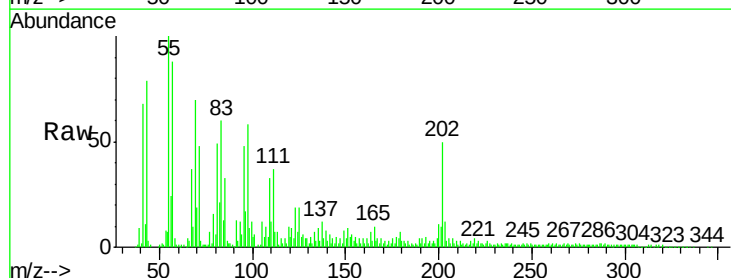
Tgt Ion:202 Resp: 183875

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

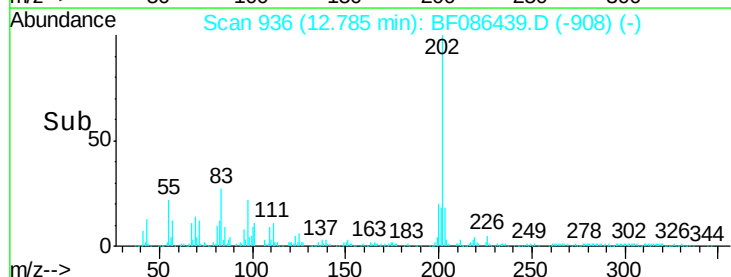
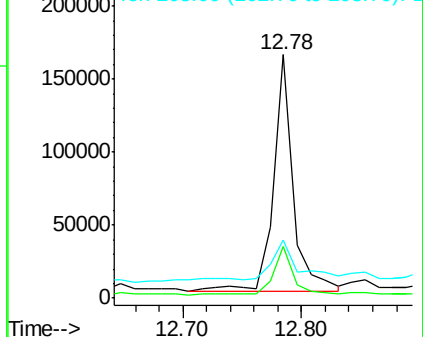
203 23.9 14.2 21.4#

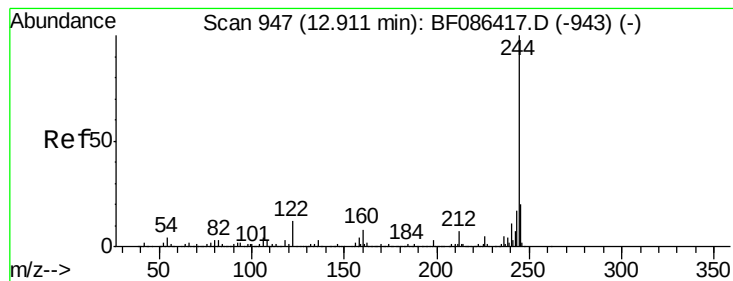


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.07 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.02 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

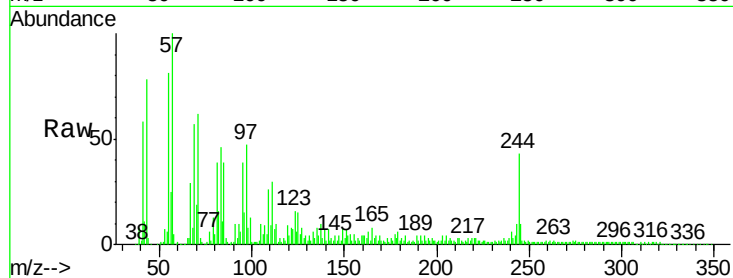
Tgt Ion:244 Resp: 190718

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

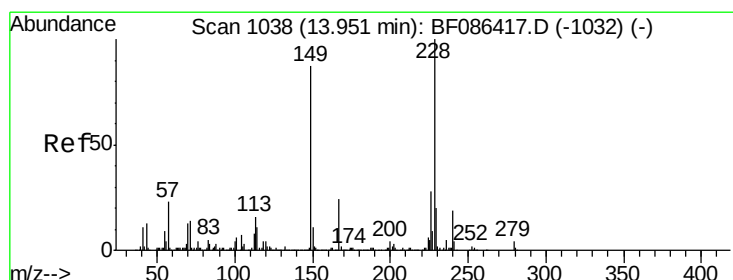
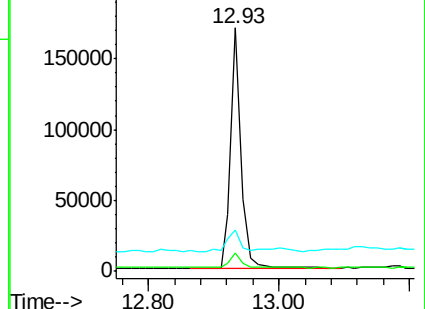
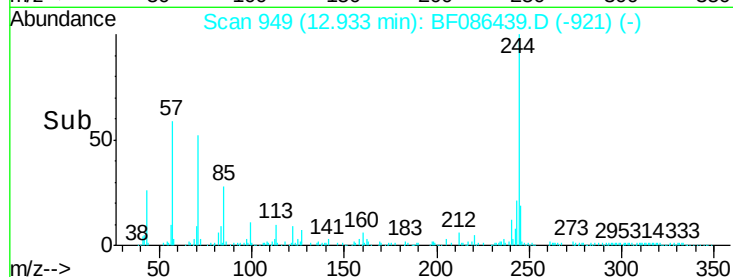
122 16.8 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 9.62 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.08 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

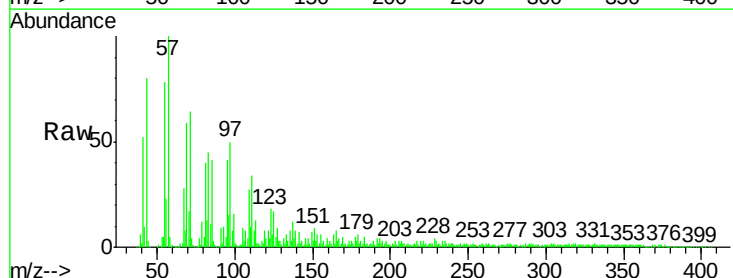
Tgt Ion:228 Resp: 55174

Ion Ratio Lower Upper

228 100

226 41.9 22.5 33.7#

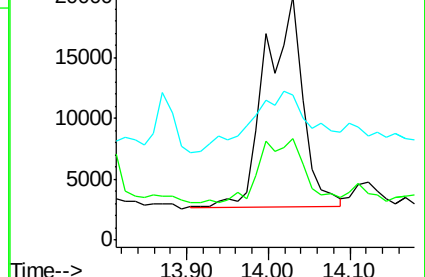
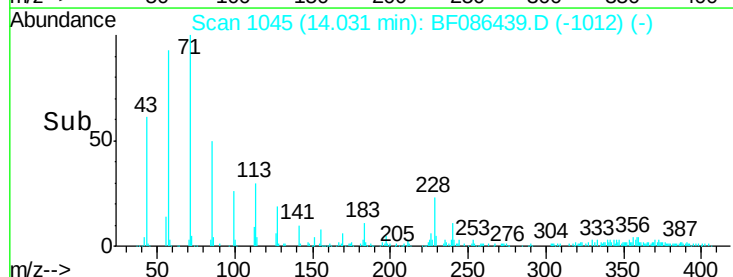
229 59.8 16.6 25.0#

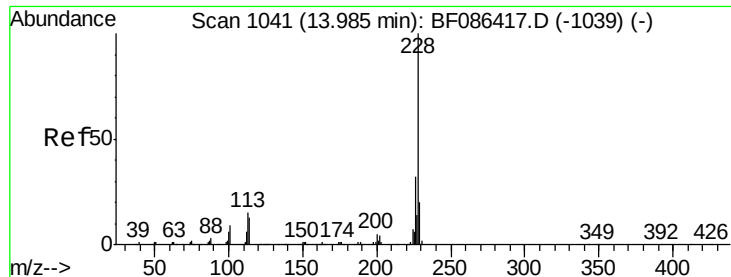


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 8.87 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

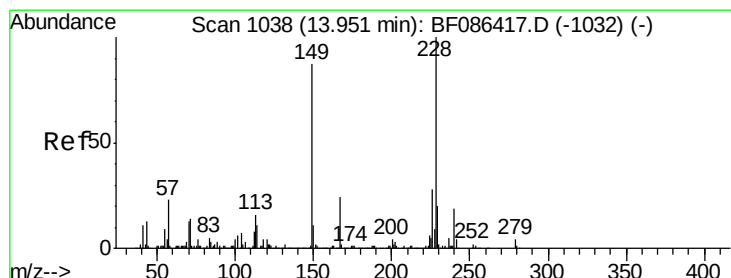
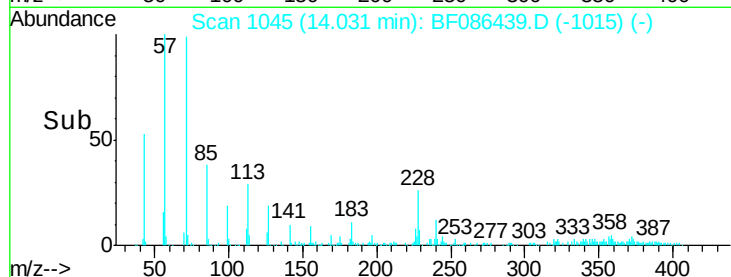
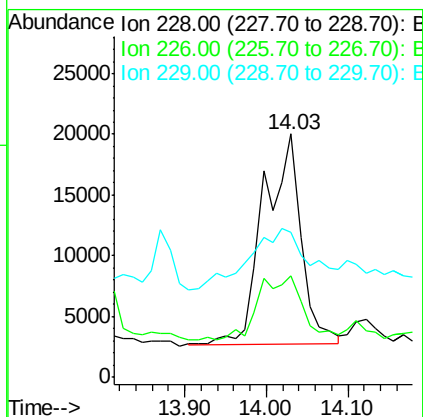
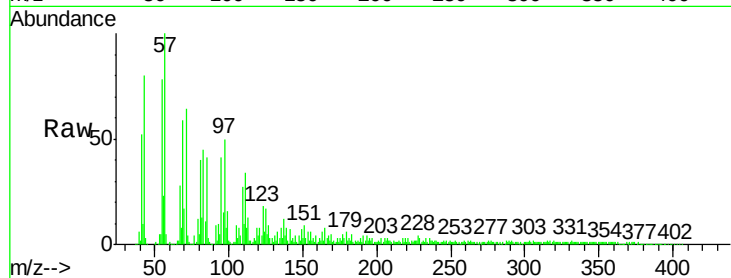
Tgt Ion:228 Resp: 55251

Ion Ratio Lower Upper

228 100

226 41.9 24.4 36.6#

229 59.8 15.8 23.8#



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.57 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.05 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

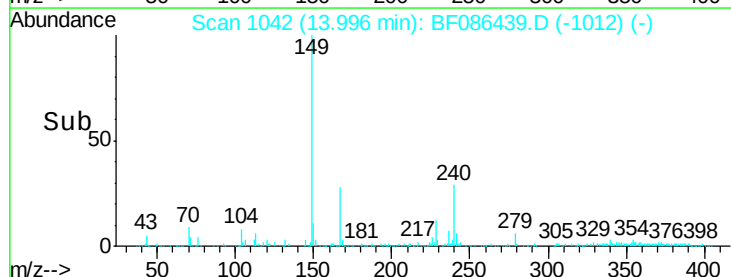
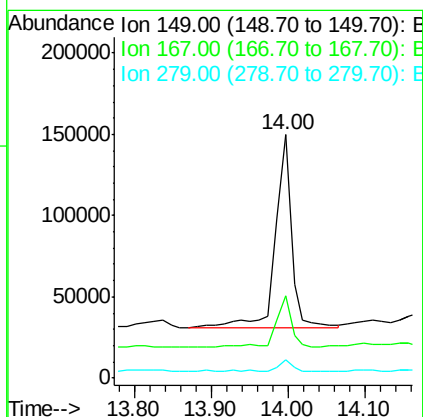
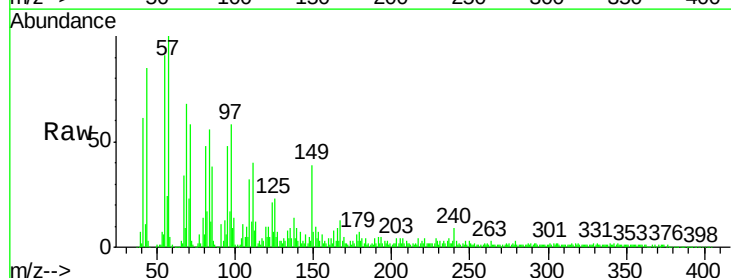
Tgt Ion:149 Resp: 177333

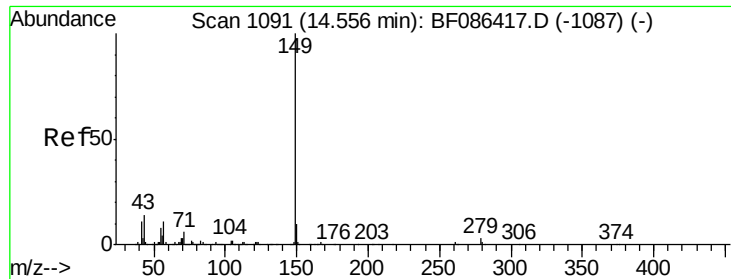
Ion Ratio Lower Upper

149 100

167 33.9 21.8 32.6#

279 7.8 2.6 4.0#





#84

Di-n-octyl phthalate

Concen: 2.11 ng

RT: 14.64 min Scan# 1098

Delta R.T. 0.08 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

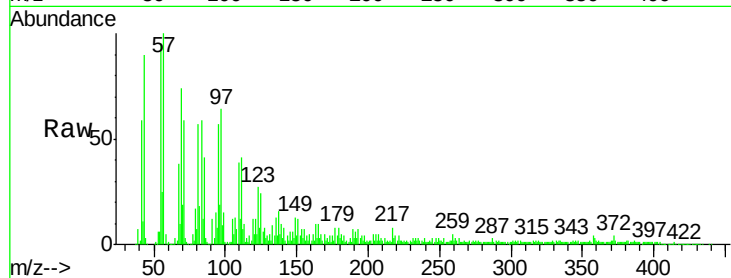
Tgt Ion:149 Resp: 13770

Ion Ratio Lower Upper

149 100

167 18.4 1.2 1.8#

43 0.0 8.2 12.4#



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

500000

400000

300000

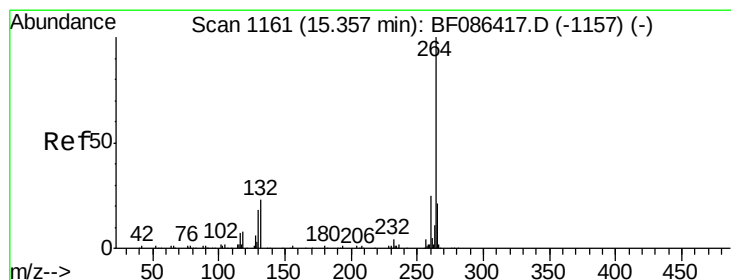
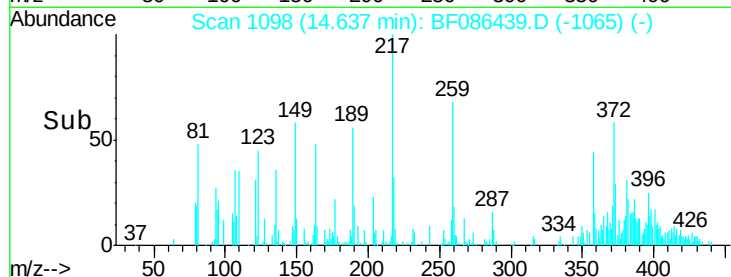
200000

100000

0

14.60 14.65

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.10 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

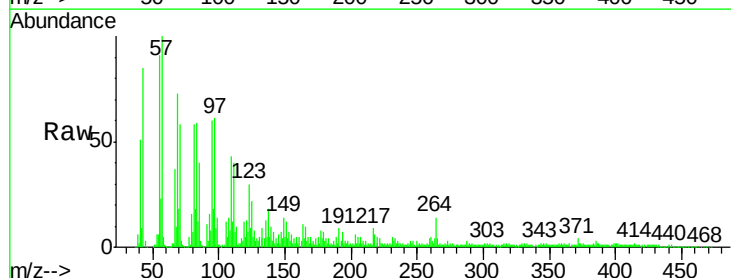
Tgt Ion:264 Resp: 92848

Ion Ratio Lower Upper

264 100

260 31.6 19.5 29.3#

265 30.3 17.3 25.9#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

60000

50000

40000

30000

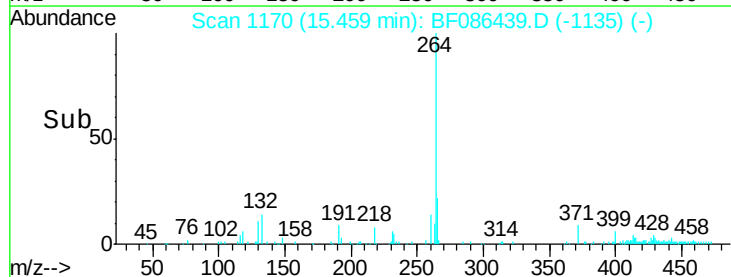
20000

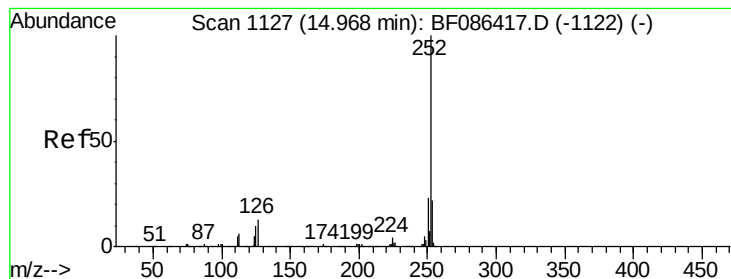
10000

0

15.40 15.60

Time-->





#87

Benzo(b)fluoranthene

Concen: 7.29 ng

RT: 15.05 min Scan# 1134

Delta R.T. 0.08 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

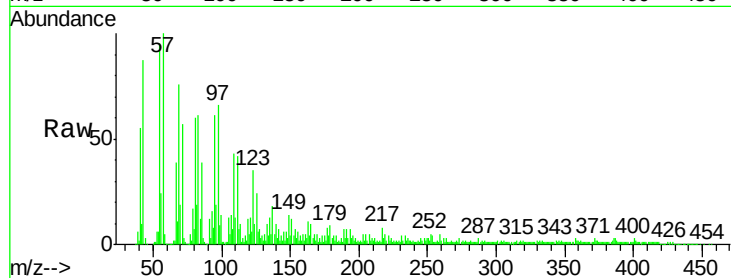
Tgt Ion:252 Resp: 39802

Ion Ratio Lower Upper

252 100

253 74.3 17.8 26.6#

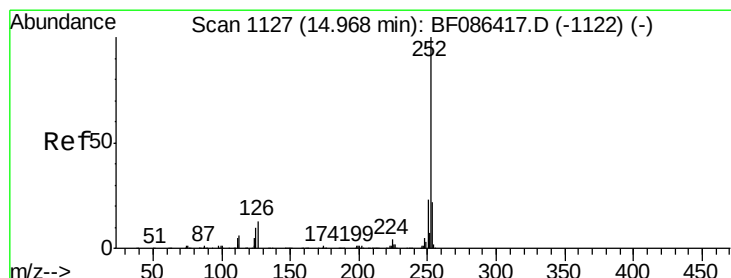
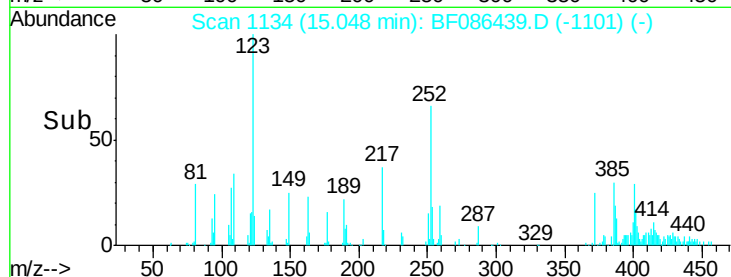
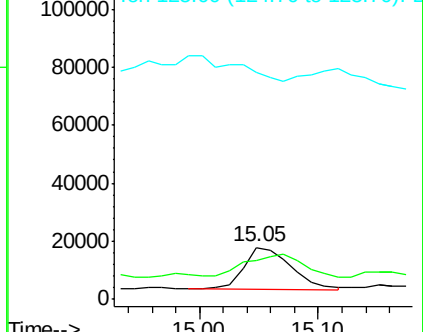
125 435.7 11.4 17.0#



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: 6.99 ng

RT: 15.05 min Scan# 1134

Delta R.T. 0.06 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

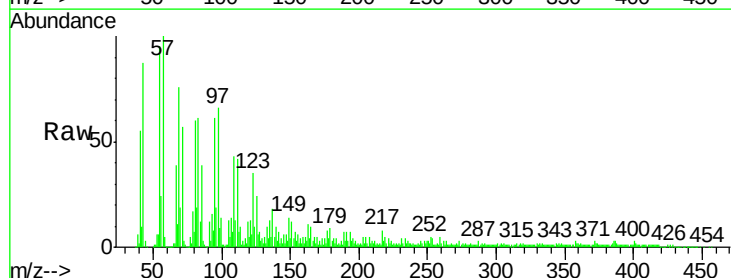
Tgt Ion:252 Resp: 39802

Ion Ratio Lower Upper

252 100

253 74.3 17.8 26.6#

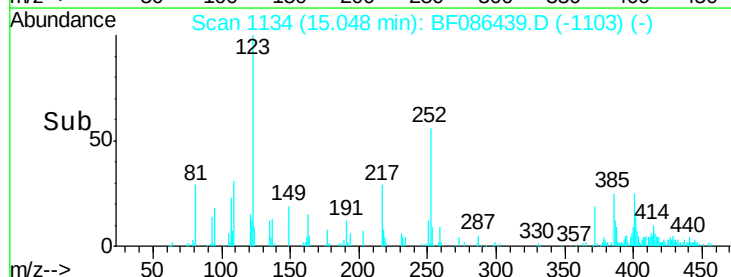
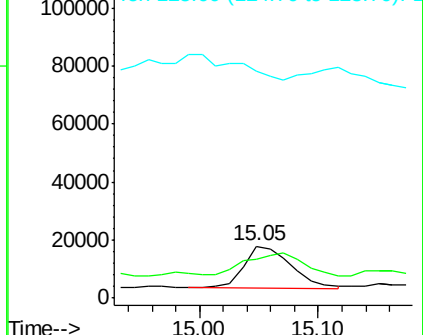
125 435.7 9.1 13.7#

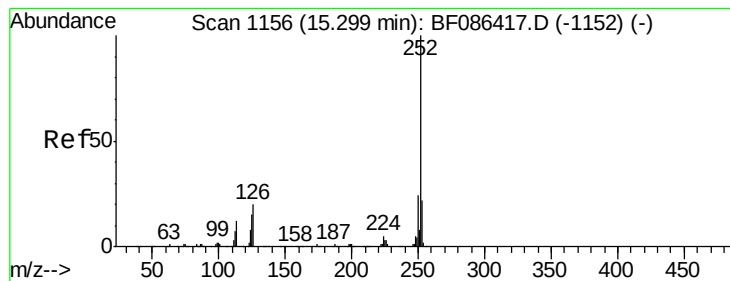


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.96 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.10 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

Instrument :

BNA_F

ClientSampleId :

WC-CARTERET

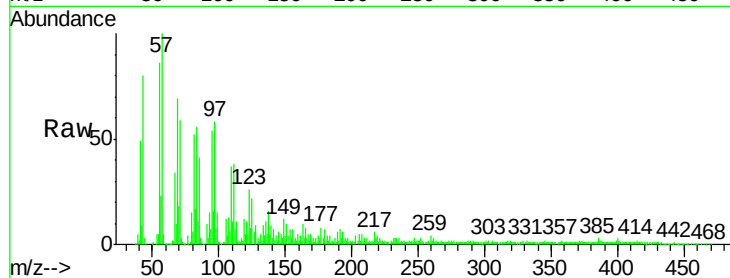
Tgt Ion: 252 Resp: 15282

Ion Ratio Lower Upper

252 100

253 79.2 17.2 25.8#

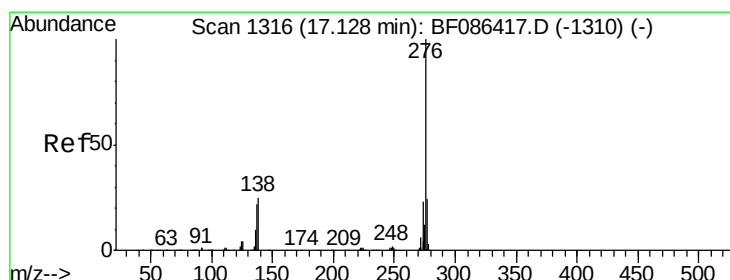
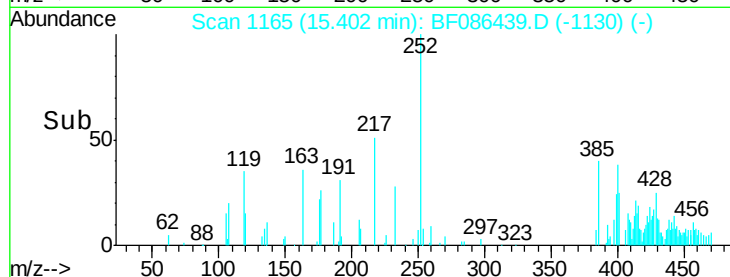
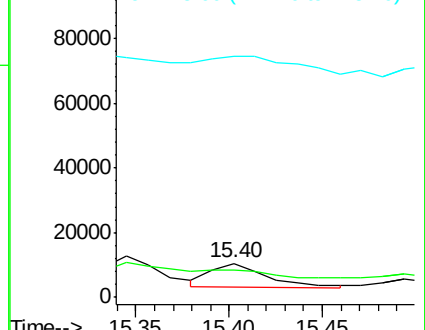
125 713.2 9.0 13.6#



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



#91

Benzo(g,h,i)perylene

Concen: 5.82 ng

RT: 17.28 min Scan# 1329

Delta R.T. 0.15 min

Lab File: BF086439.D

Acq: 27 Apr 2016 22:30

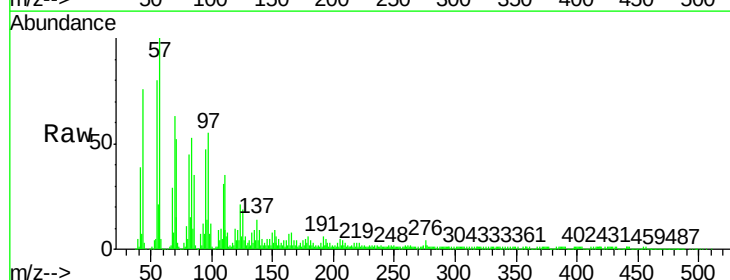
Tgt Ion: 276 Resp: 24602

Ion Ratio Lower Upper

276 100

277 51.9 19.6 29.4#

138 108.2 23.6 35.4#



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

