

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086118.D
 Acq On : 7 Apr 2016 00:50
 Operator : UM/SJ
 Sample : H2165-02RE 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 07 03:44:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	9195	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	38343	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	15098	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	26055	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	23333	20.00	ng	-0.02
86) Perylene-d12	15.30	264	18499	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	73053	135.80	ng	-0.02
7) Phenol-d6	6.40	99	92876	135.93	ng	-0.02
23) Nitrobenzene-d5	7.31	82	55552	85.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	12069	85.17	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	93158	102.59	ng	-0.03
78) Terphenyl-d14	12.84	244	67772	68.28	ng	-0.03

Target Compounds						Qvalue
15) Benzyl Alcohol	6.90	79	1363	3.08	ng	# 41
19) n-Nitroso-di-n-propylamine	7.18	70	1304	3.08	ng	# 42
25) Isophorone	7.31	82	51880	40.42	ng	# 68
31) Naphthalene	8.05	128	26917	13.96	ng	# 99
33) 4-Chloroaniline	8.05	127	3442	4.42	ng	# 35
34) Hexachlorobutadiene	8.27	225	735	2.36	ng	# 89
35) Caprolactam	8.46	113	397	2.42	ng	# 45
37) 2-Methylnaphthalene	8.75	142	7052	5.60	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	1011	2.23	ng	# 28
40) Hexachlorocyclopentadiene	8.88	237	670	10.78	ng	# 81
42) 2,4,6-Trichlorophenol	8.96	196	1113	3.82	ng	# 84
43) 2,4,5-Trichlorophenol	8.96	196	1113	3.76	ng	# 76
48) Acenaphthylene	9.64	152	5843	3.87	ng	# 93
49) Dimethylphthalate	9.50	163	10415	9.31	ng	# 100
50) 2,6-Dinitrotoluene	9.58	165	1169	4.94	ng	# 17
51) Acenaphthene	9.81	154	8118	9.03	ng	# 96
53) 2,4-Dinitrophenol	9.78	184	256	4.95	ng	# 9
54) Dibenzofuran	9.98	168	8560	7.21	ng	# 93
55) 4-Nitrophenol	9.98	139	3378	20.08	ng	# 17
57) Fluorene	10.33	166	12272	12.10	ng	# 99
66) 4-Bromophenyl-phenylether	10.57	248	879	3.30	ng	# 1
70) Phenanthrene	11.29	178	78247	55.05	ng	# 98
71) Anthracene	11.34	178	21729	14.59	ng	# 99
72) Carbazole	11.50	167	8558	6.69	ng	# 98
74) Fluoranthene	12.48	202	88629	59.95	ng	# 91
77) Pyrene	12.70	202	75518	45.93	ng	# 99
79) Butylbenzylphthalate	13.32	149	4432	5.99	ng	# 79
80) Benzo(a)anthracene	13.89	228	45884	33.36	ng	# 97
82) Chrysene	13.89	228	45884	34.63	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.88	149	17494	17.80	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.65	276	13296	12.37	ng	# 87
87) Benzo(b)fluoranthene	14.91	252	40760	35.03	ng	# 85
88) Benzo(k)fluoranthene	14.91	252	40760	39.55	ng	# 84
89) Benzo(a)pyrene	15.24	252	20894	20.26	ng	# 73

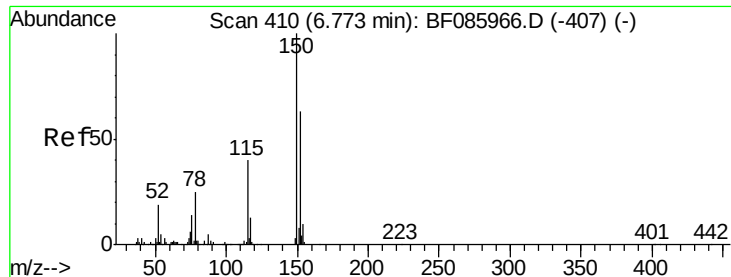
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086118.D
Acq On : 7 Apr 2016 00:50
Operator : UM/SJ
Sample : H2165-02RE 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	16.66	278	3123	3.76	ng	# 7
91) Benzo(g,h,i)perylene	17.06	276	12980	16.17	ng	# 90

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

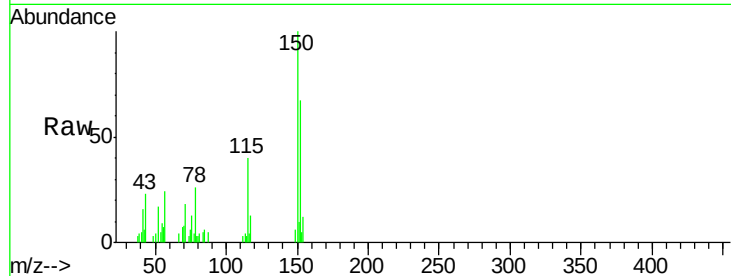


#1

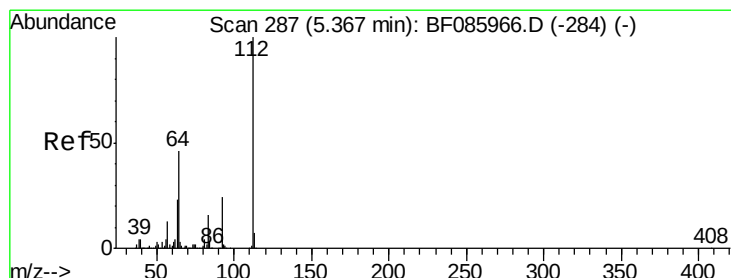
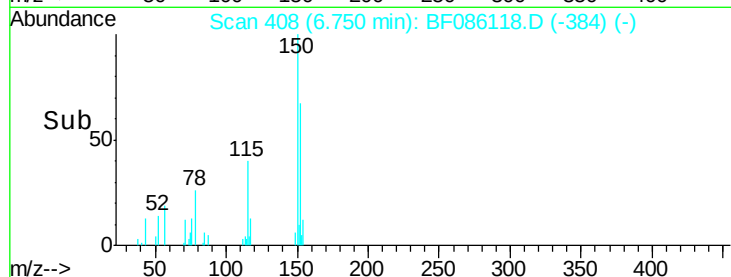
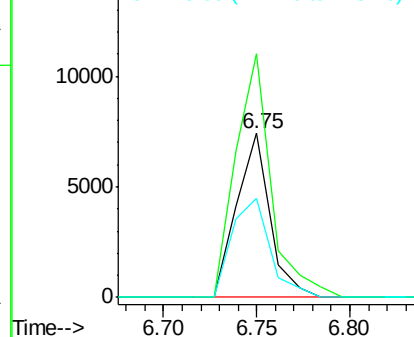
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 9195
Ion Ratio Lower Upper
152 100
150 148.7 124.2 186.2
115 60.1 47.0 70.6



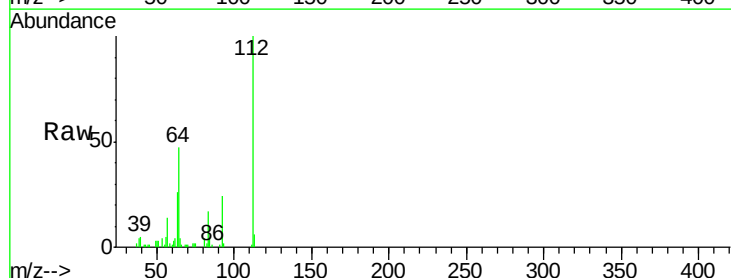
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



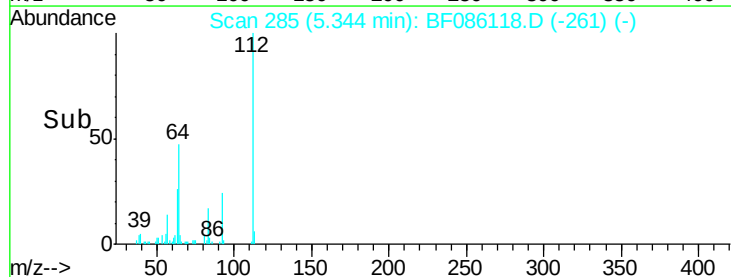
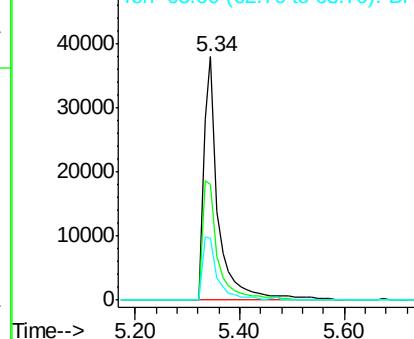
#5

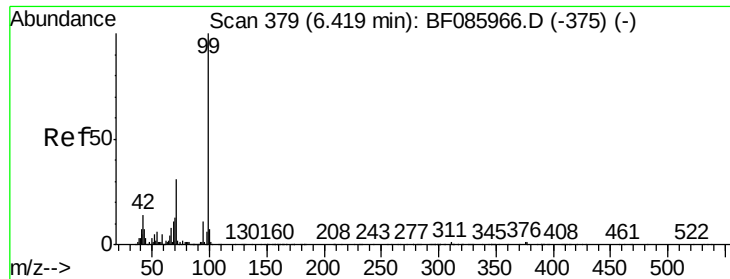
2-Fluorophenol
Concen: 135.80 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:112 Resp: 73053
Ion Ratio Lower Upper
112 100
64 47.3 39.9 59.9
63 25.6 20.2 30.2



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





#7

Phenol-d6

Concen: 135.93 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

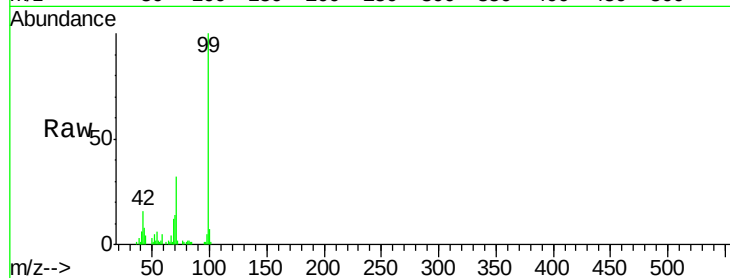
Tgt Ion: 99 Resp: 92876

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

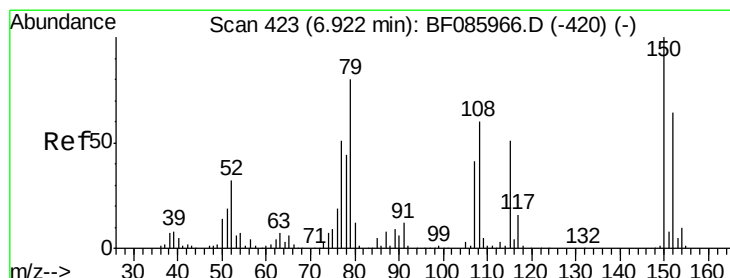
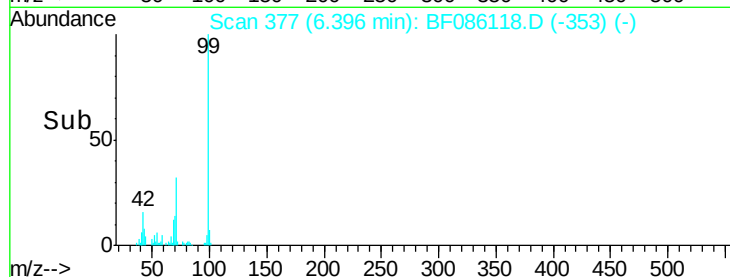
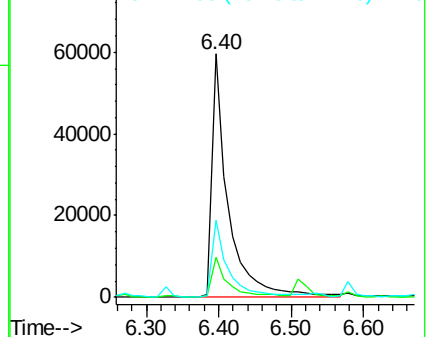
71 31.5 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 3.08 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

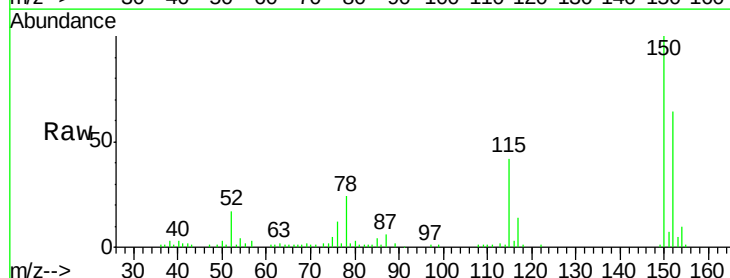
Tgt Ion: 79 Resp: 1363

Ion Ratio Lower Upper

79 100

108 32.6 61.8 92.6#

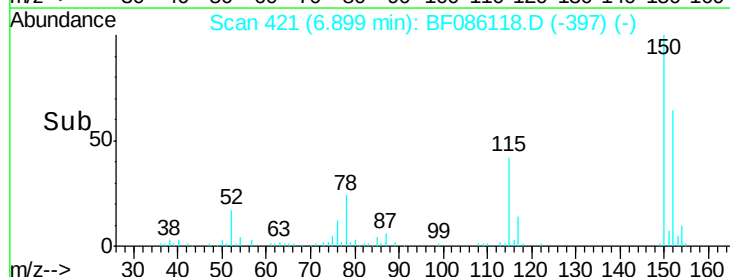
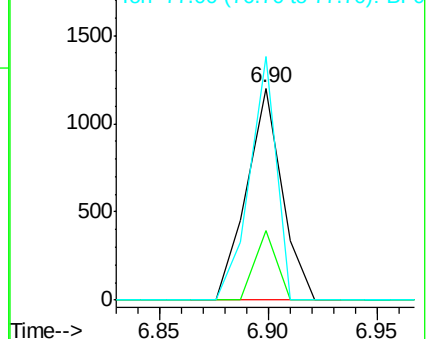
77 115.0 49.6 74.4#

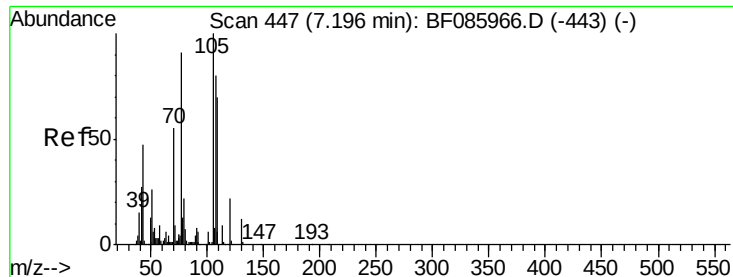


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

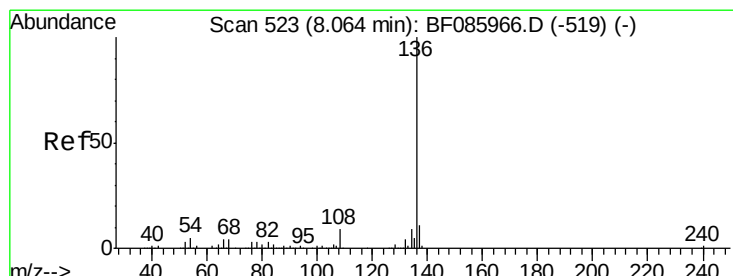
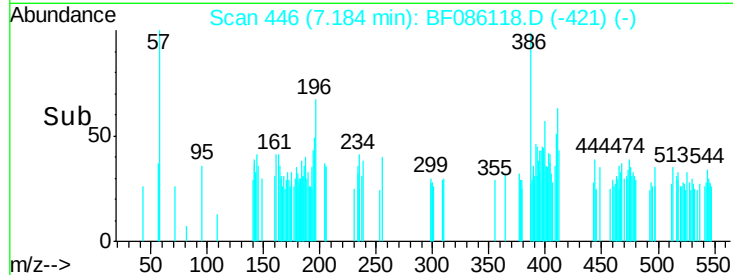
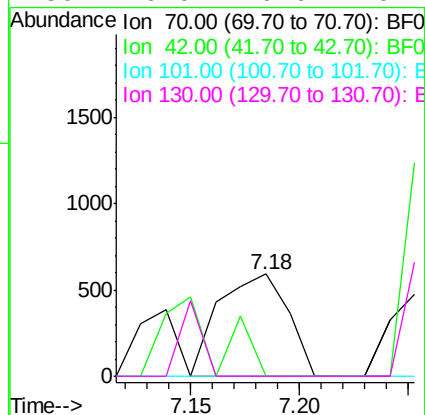
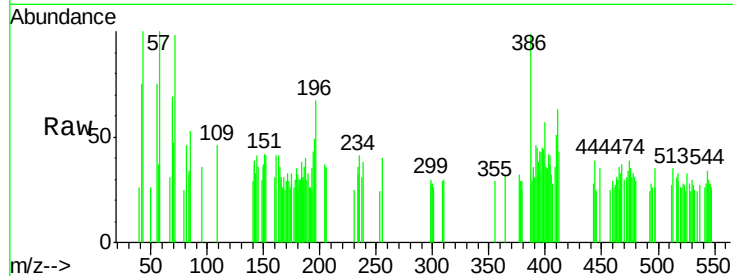




#19
n-Nitroso-di-n-propylamine
Concen: 3.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

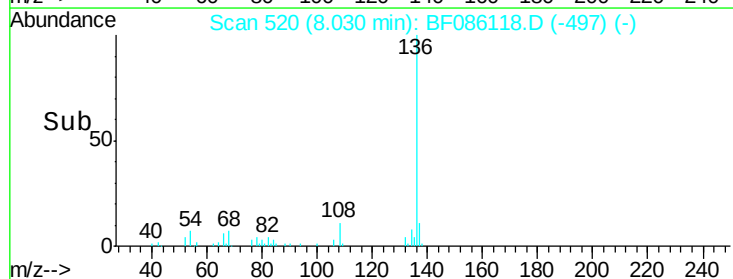
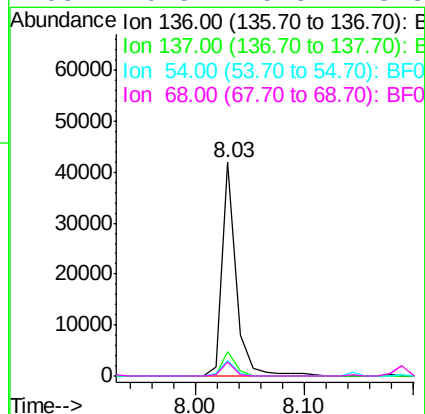
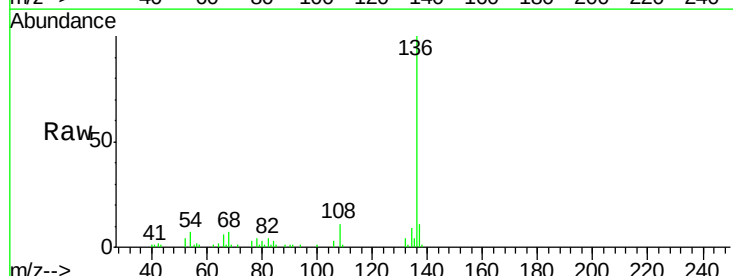
Instrument :
BNA_F
ClientSampleId :
DFTPP

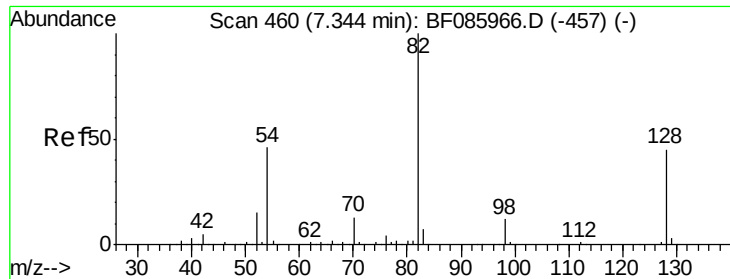
Tgt Ion: 70 Resp: 1304
Ion Ratio Lower Upper
70 100
42 0.0 37.1 55.7#
101 0.0 8.6 12.8#
130 0.0 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion: 136 Resp: 38343
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.1 7.4 11.0#
68 6.5 5.8 8.8

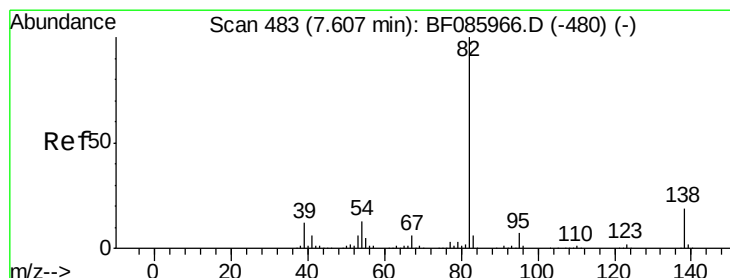
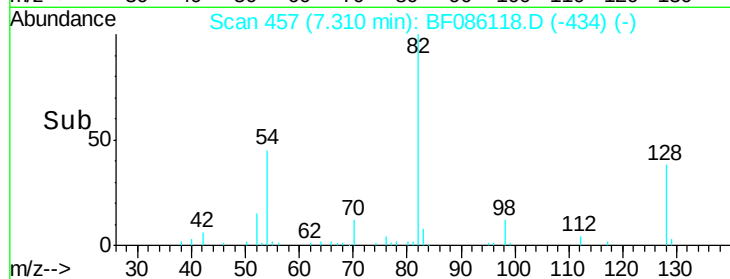
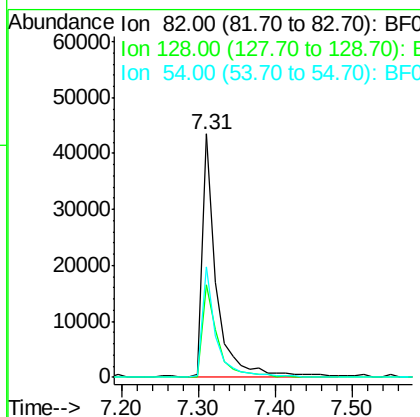
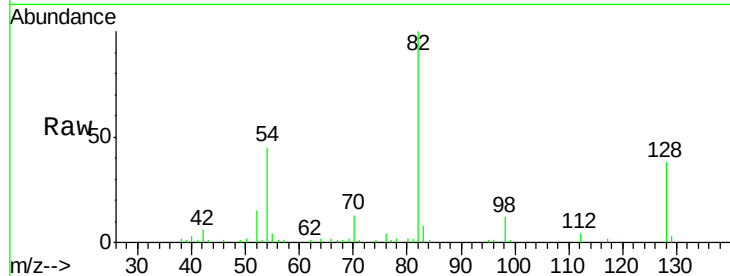




#23
Nitrobenzene-d5
Concen: 85.44 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

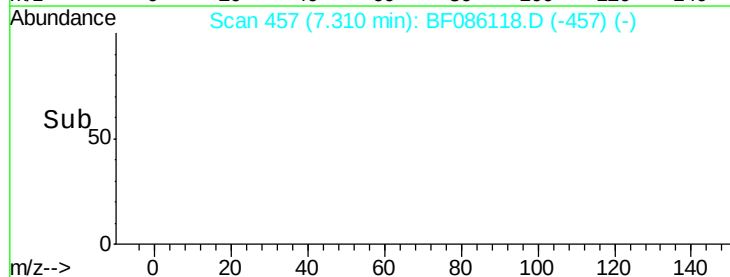
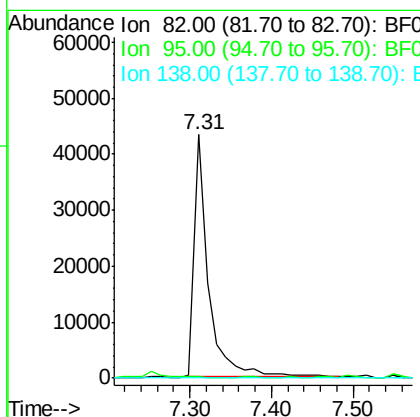
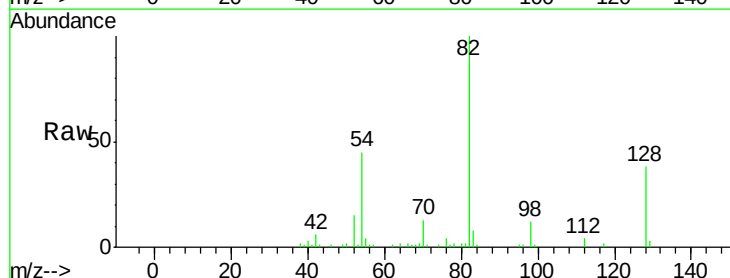
Instrument :
BNA_F
ClientSampled :
DFTPP

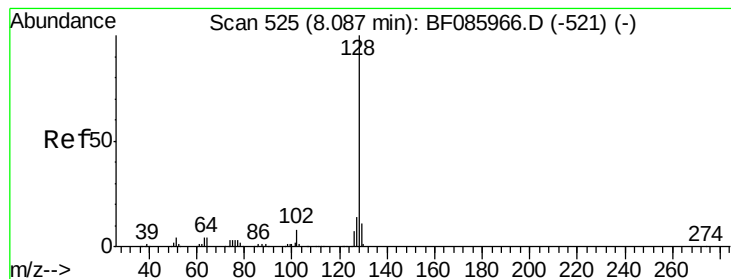
Tgt Ion: 82 Resp: 55552
Ion Ratio Lower Upper
82 100
128 38.2 41.8 62.8#
54 45.4 33.4 50.0



#25
Isophorone
Concen: 40.42 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion: 82 Resp: 51880
Ion Ratio Lower Upper
82 100
95 0.8 5.4 8.2#
138 0.0 12.9 19.3#





#31

Naphthalene

Concen: 13.96 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

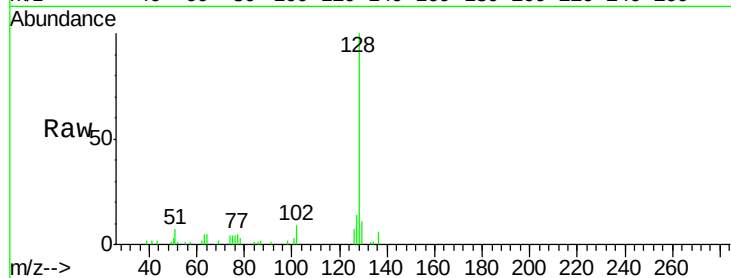
Tgt Ion:128 Resp: 26917

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

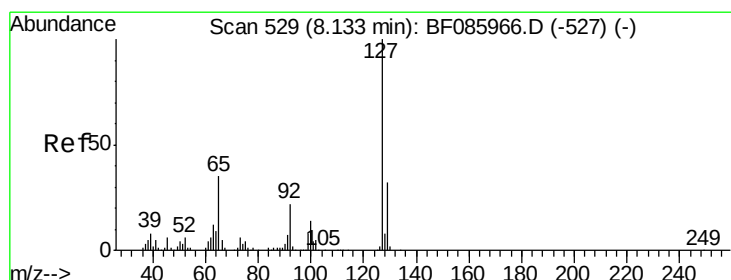
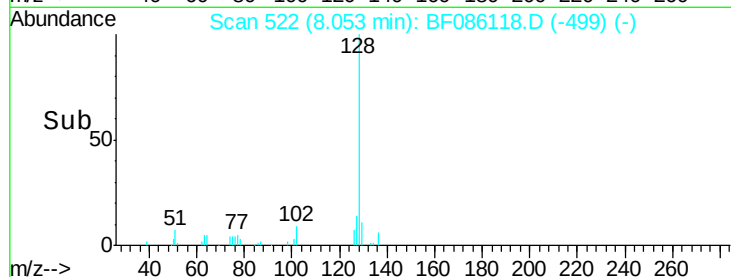
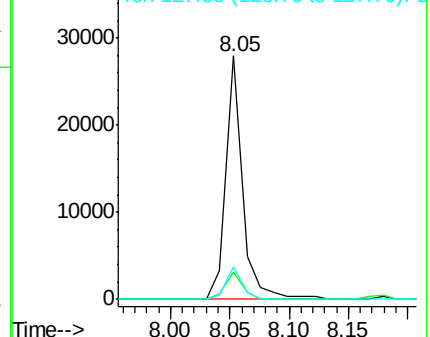
127 13.5 11.0 16.6



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



#33

4-Chloroaniline

Concen: 4.42 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.08 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Tgt Ion:127 Resp: 3442

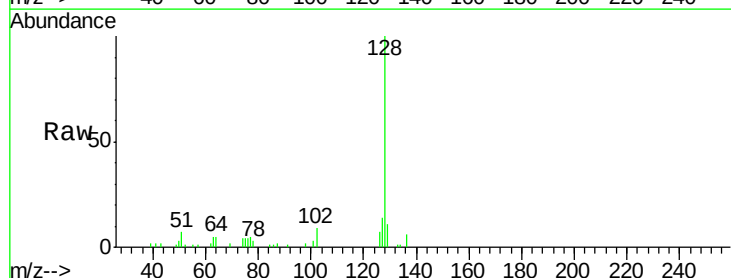
Ion Ratio Lower Upper

127 100

129 83.4 26.1 39.1#

65 0.0 19.5 29.3#

92 0.0 14.6 22.0#

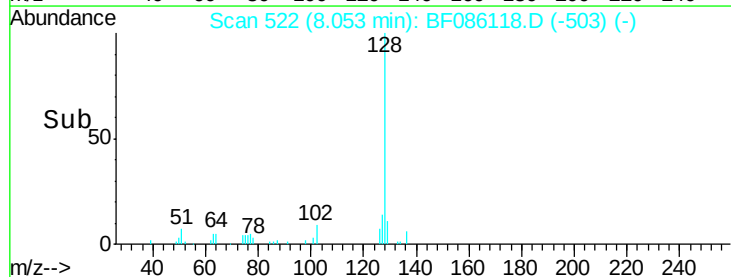
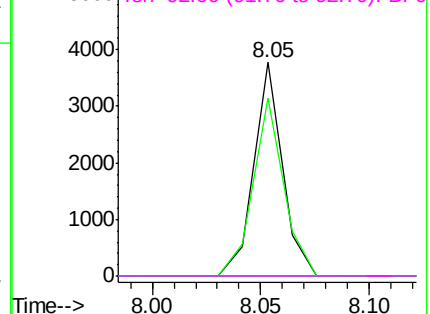


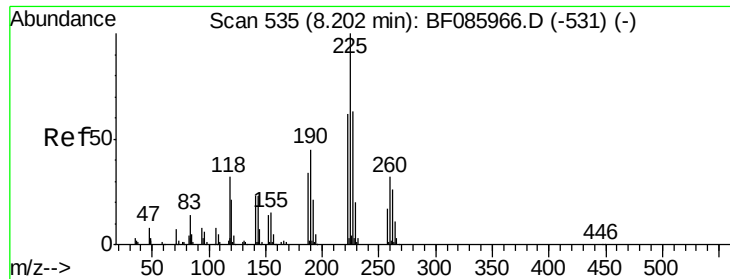
Abundance Ion 127.00 (126.70 to 127.70): E

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

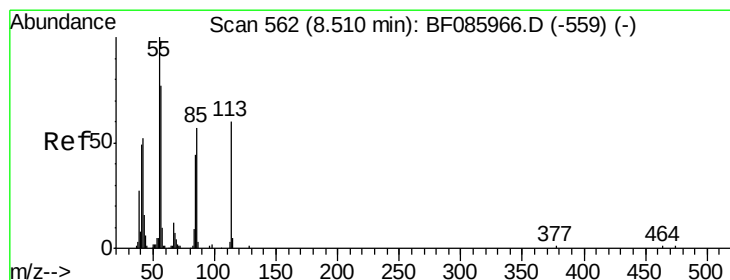
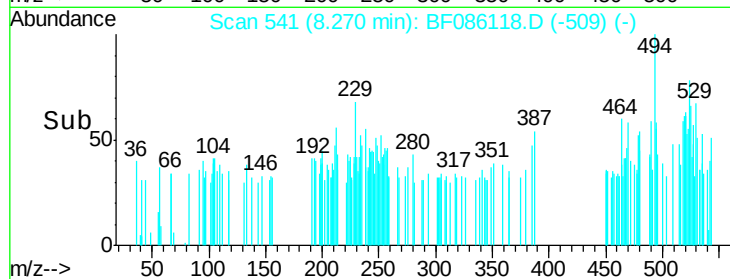
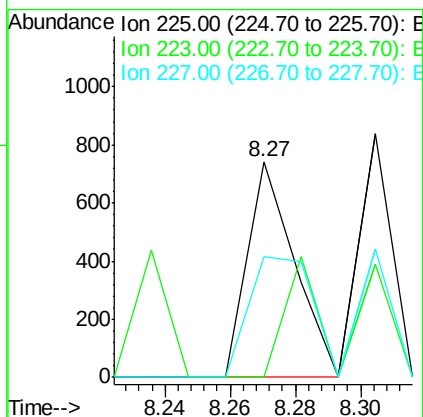
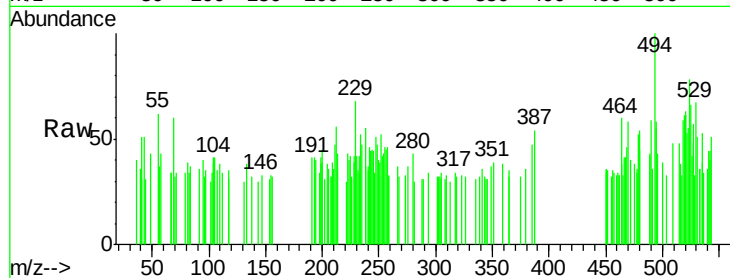




#34
Hexachlorobutadiene
Concen: 2.36 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.07 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

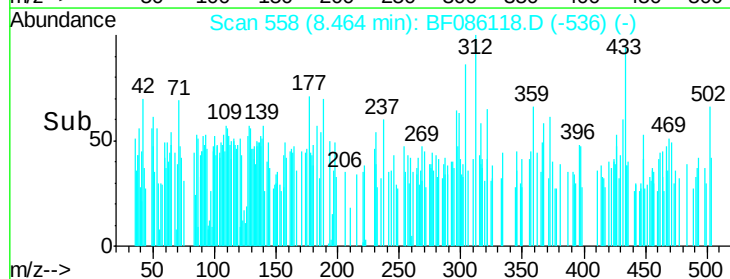
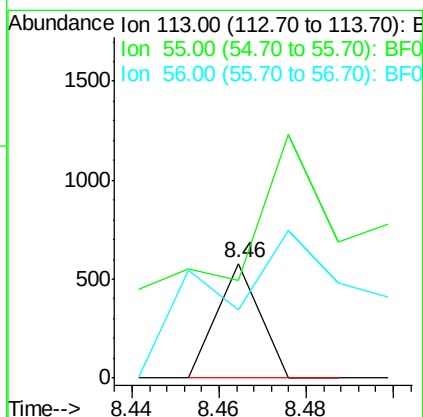
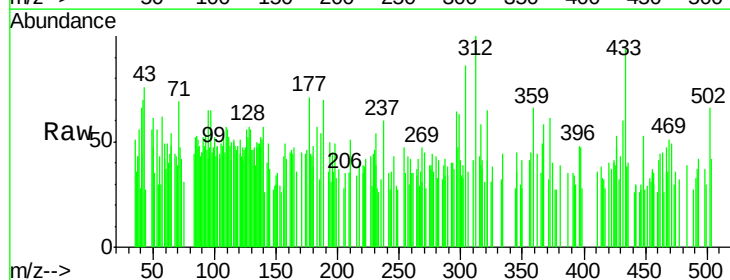
Instrument :
BNA_F
ClientSampleId :
DFTPP

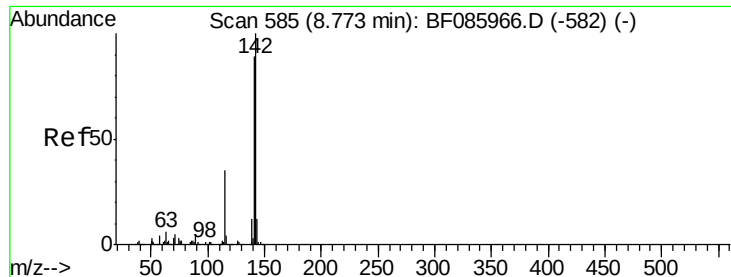
Tgt Ion: 225 Resp: 735
Ion Ratio Lower Upper
225 100
223 54.1 50.4 75.6
227 56.1 51.4 77.2



#35
Caprolactam
Concen: 2.42 ng
RT: 8.46 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion: 113 Resp: 397
Ion Ratio Lower Upper
113 100
55 85.1 139.4 179.4#
56 59.9 100.4 140.4#

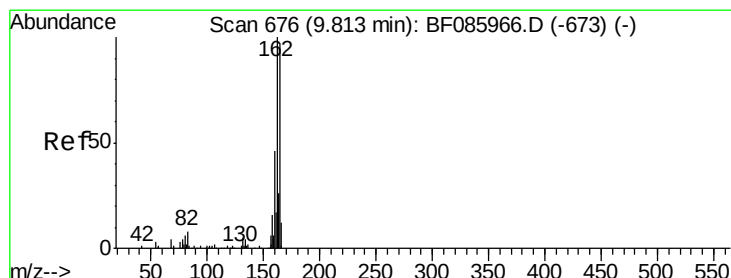
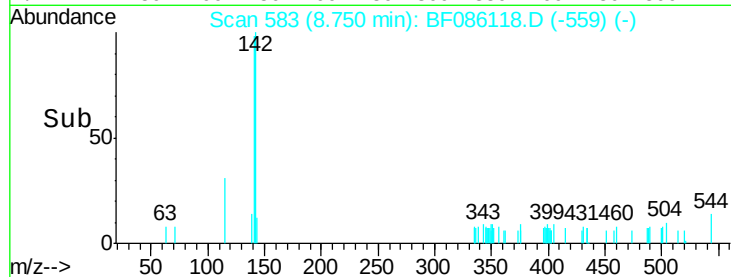
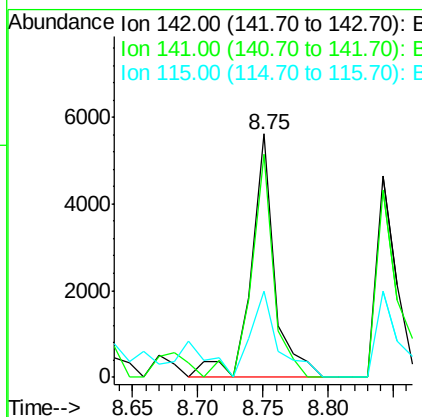
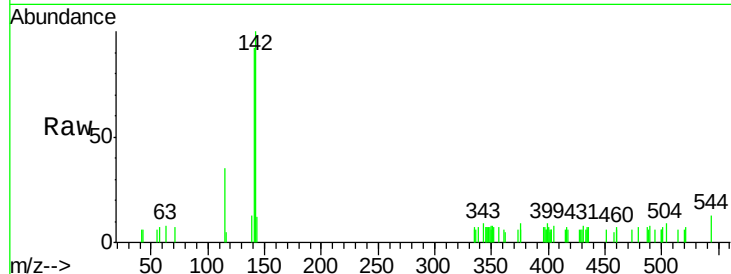




#37
 2-Methylnaphthalene
 Concen: 5.60 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

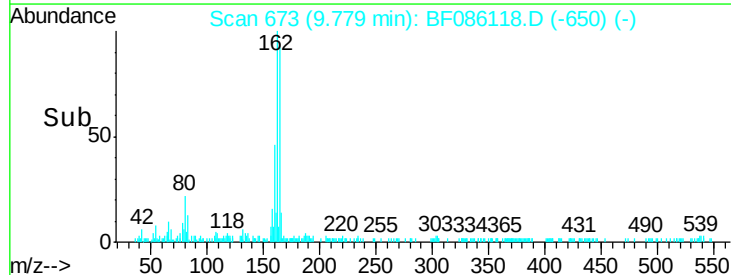
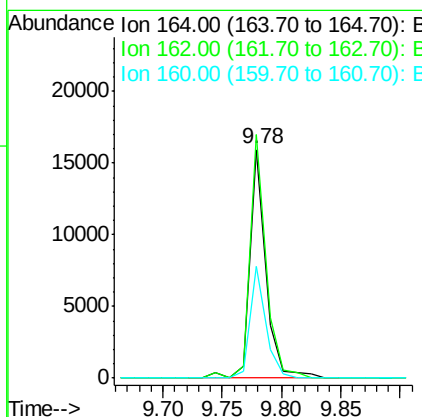
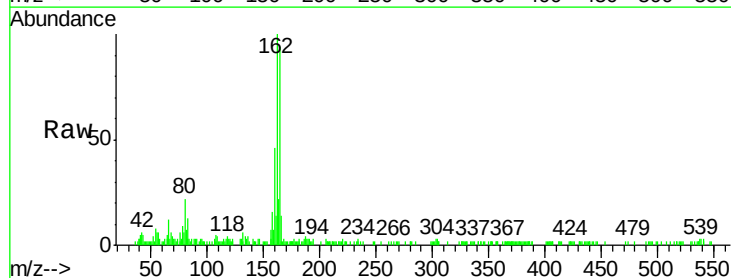
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

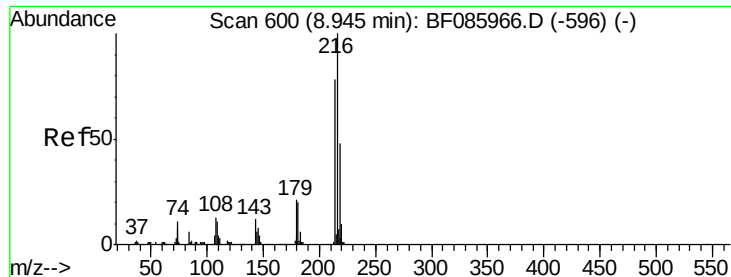
Tgt Ion:142 Resp: 7052
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.6 107.4
 115 35.4 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Tgt Ion:164 Resp: 15098
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.1 123.1
 160 49.0 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.23 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

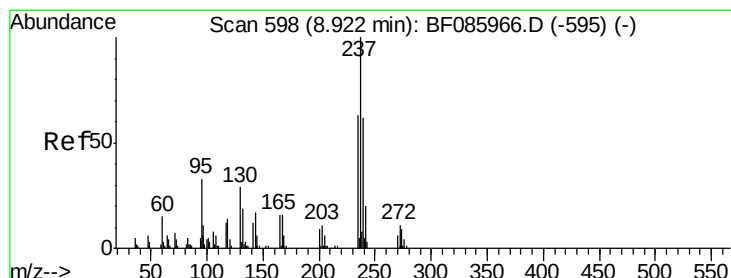
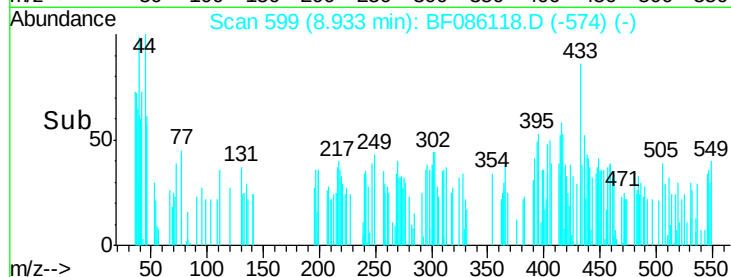
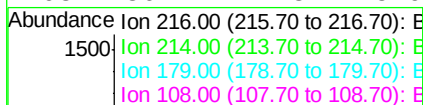
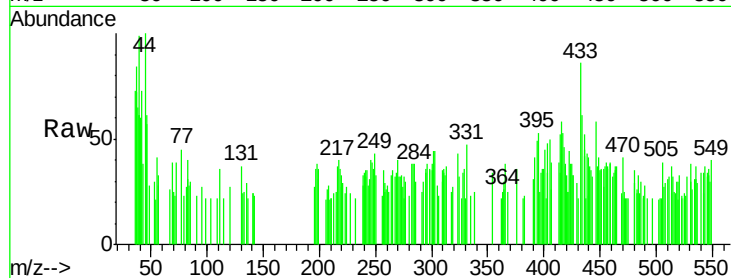
Instrument :

BNA_F

ClientSampled :

DFTPP

Tgt Ion:	216	Resp:	1011
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.1	94.7#
179	0.0	18.2	27.2#
108	36.2	17.3	25.9#



#40

Hexachlorocyclopentadiene

Concen: 10.78 ng

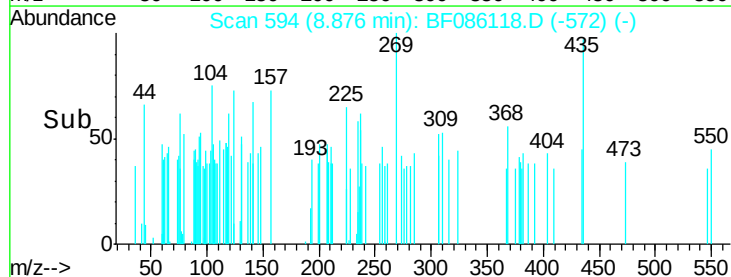
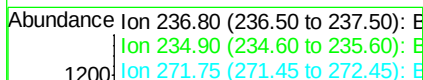
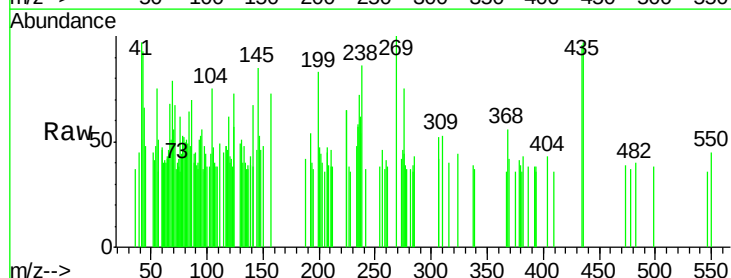
RT: 8.88 min Scan# 594

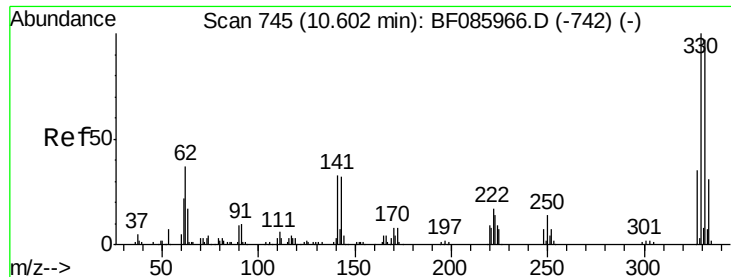
Delta R.T. -0.05 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Tgt Ion:	237	Resp:	670
Ion Ratio	Lower	Upper	
237	100		
235	50.3	43.7	83.7
272	0.0	0.0	31.9

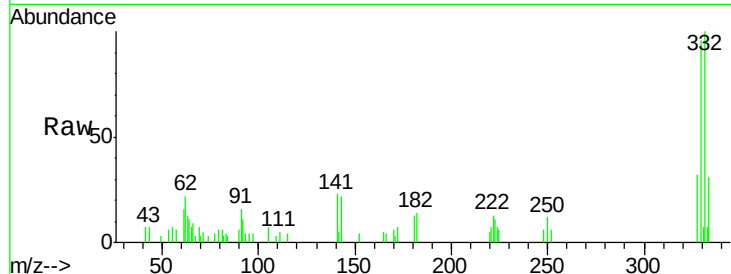




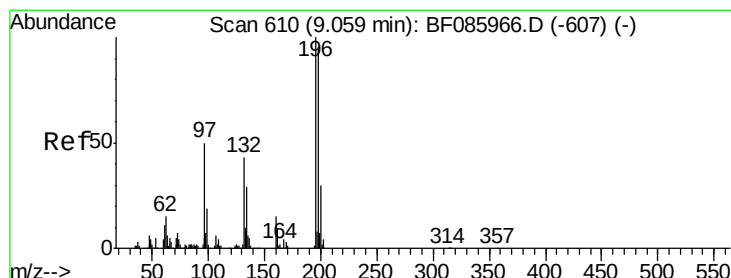
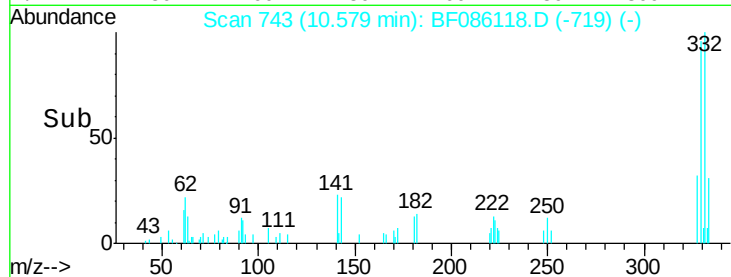
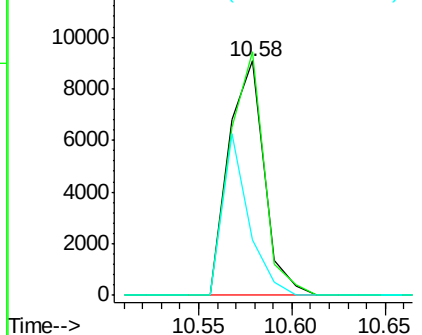
#41
 2,4,6-Tribromophenol
 Concen: 85.17 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.2	117.2
141	50.4	31.5	47.3

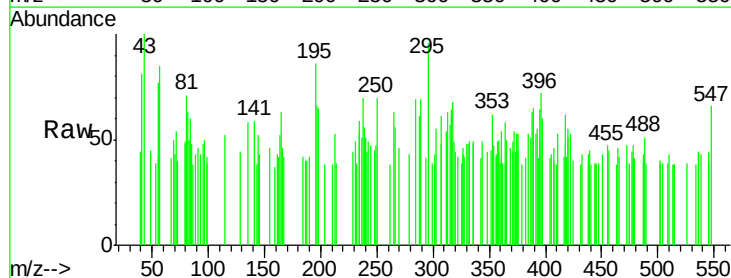


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

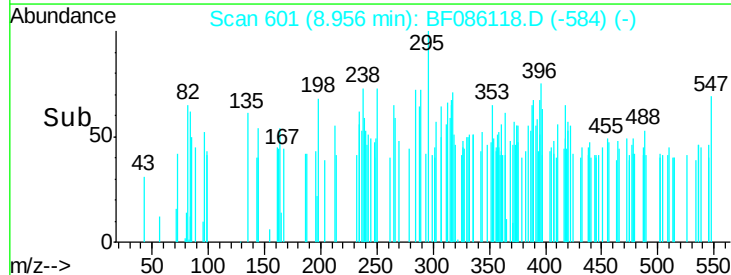
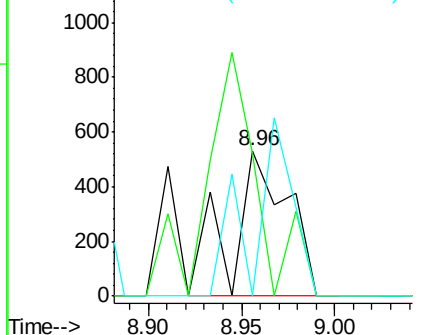


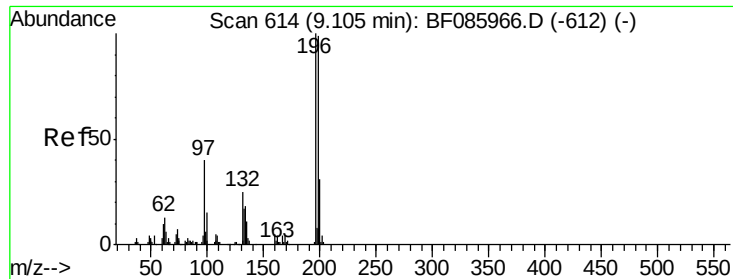
#42
 2,4,6-Trichlorophenol
 Concen: 3.82 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.10 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.3	112.9
200	0.0	23.7	35.5



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

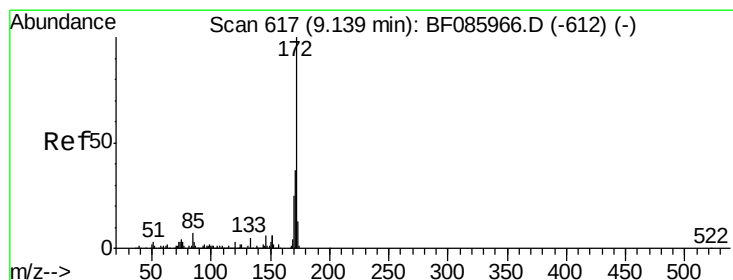
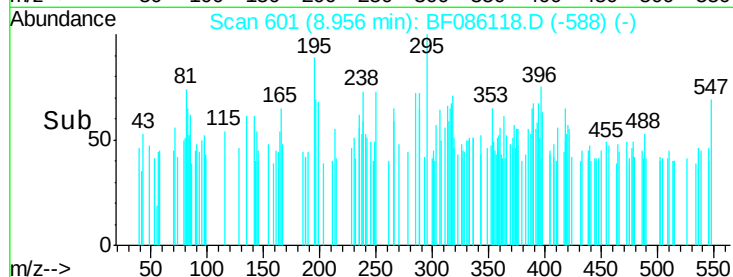
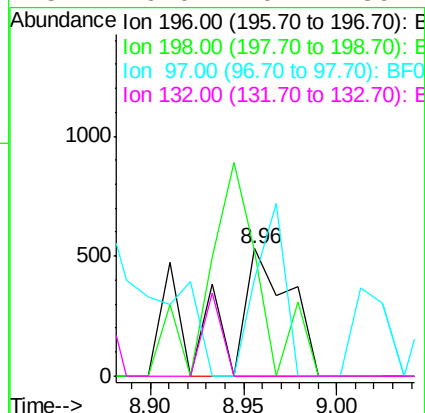
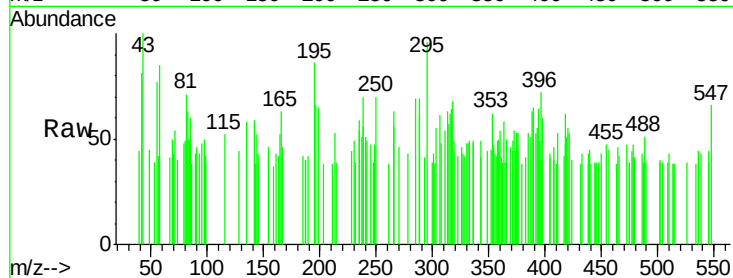




#43
 2,4,5-Trichlorophenol
 Concen: 3.76 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.15 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

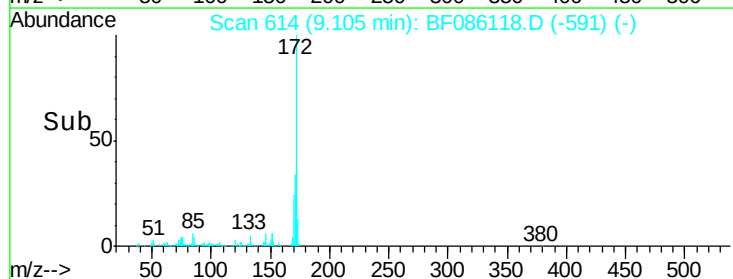
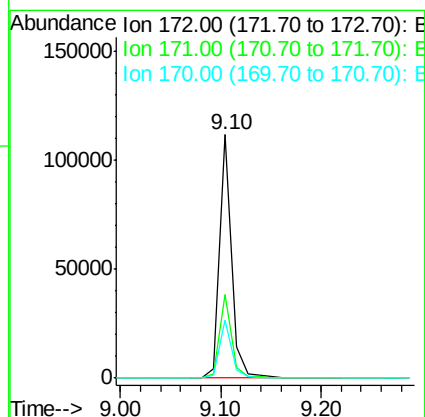
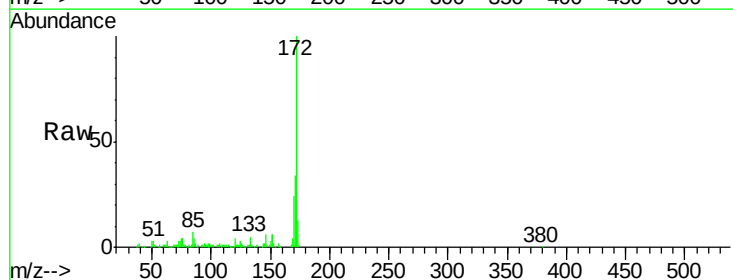
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

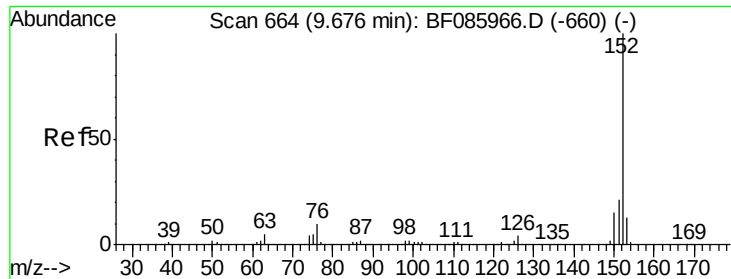
Tgt Ion:196 Resp: 1113
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.6 114.8
 97 75.8 30.5 45.7#
 132 0.0 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 102.59 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Tgt Ion:172 Resp: 93158
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.4 44.2
 170 23.9 19.8 29.6





#48

Acenaphthylene

Concen: 3.87 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

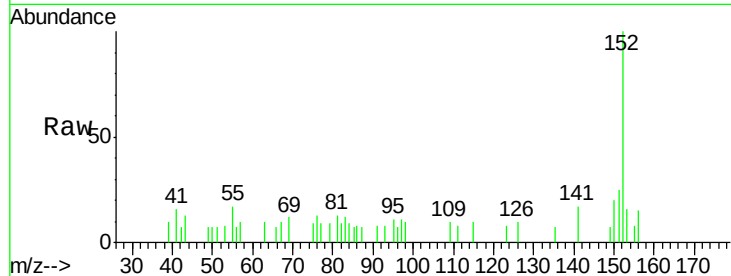
Tgt Ion:152 Resp: 5843

Ion Ratio Lower Upper

152 100

151 24.7 16.8 25.2

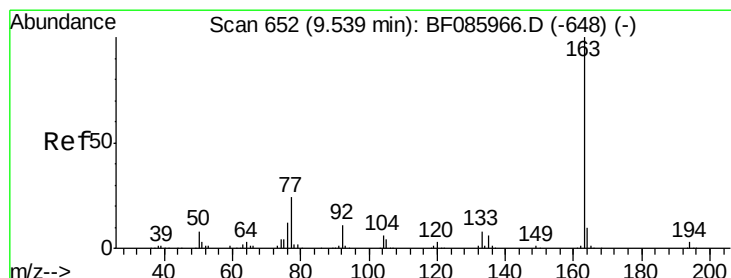
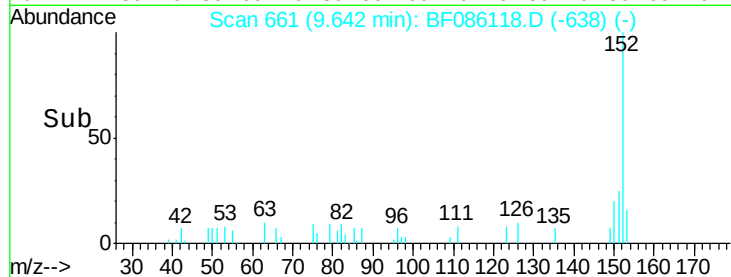
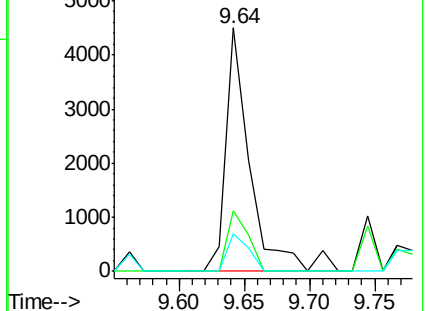
153 15.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 9.31 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

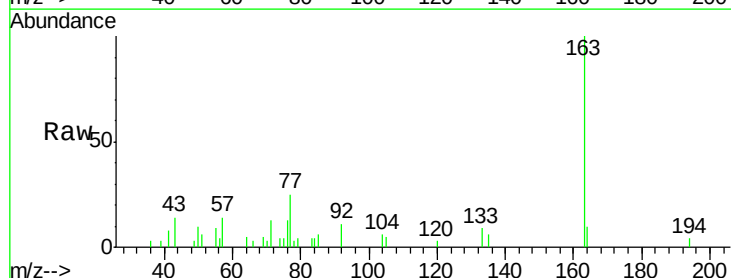
Tgt Ion:163 Resp: 10415

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

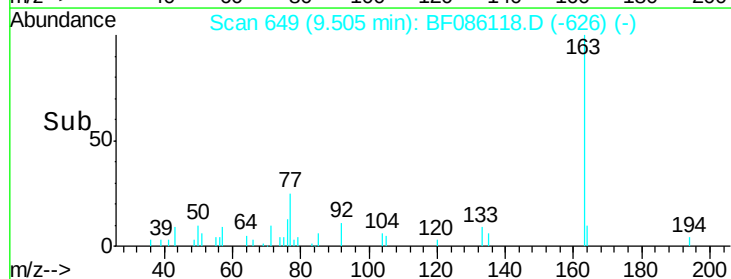
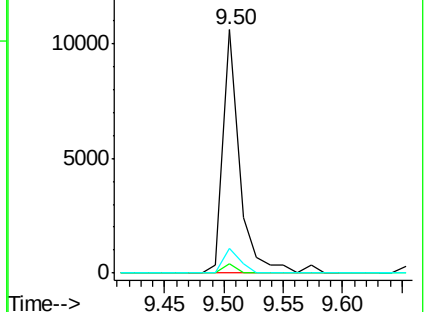
164 10.2 8.3 12.5

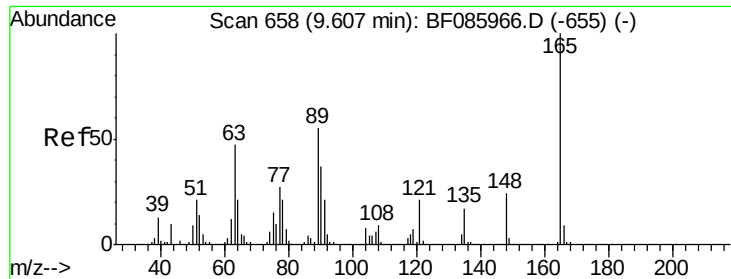


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

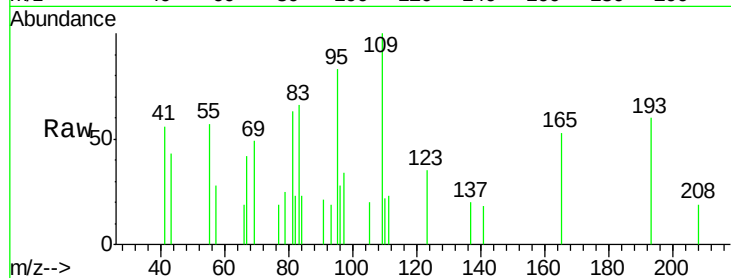




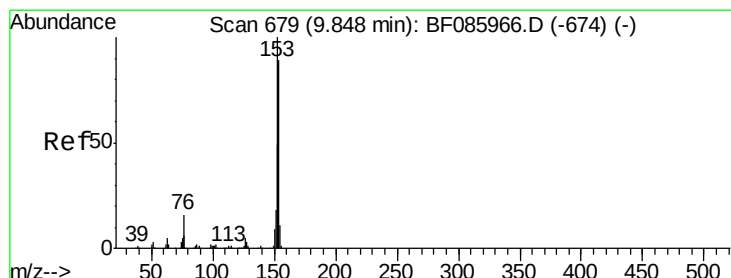
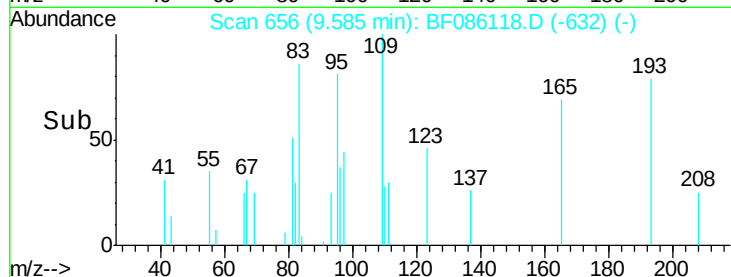
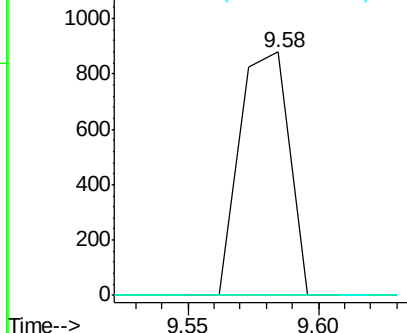
#50
 2,6-Dinitrotoluene
 Concen: 4.94 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:165 Resp: 1169
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 0.0 53.7 80.5#

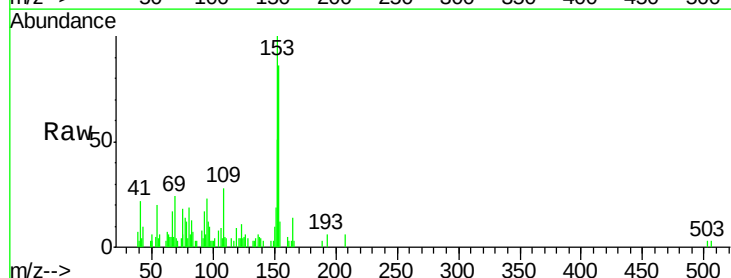


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

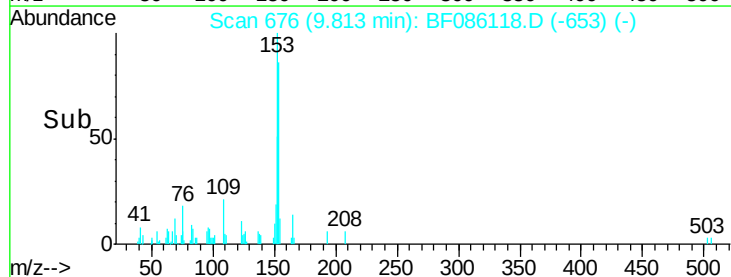
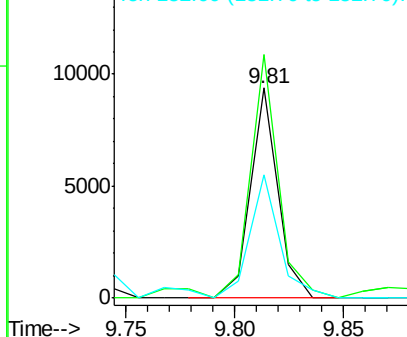


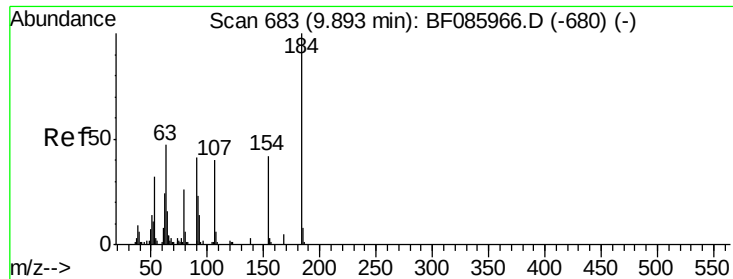
#51
 Acenaphthene
 Concen: 9.03 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086118.D
 Acq: 7 Apr 2016 00:50

Tgt Ion:154 Resp: 8118
 Ion Ratio Lower Upper
 154 100
 153 116.0 90.1 135.1
 152 58.9 44.2 66.2



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

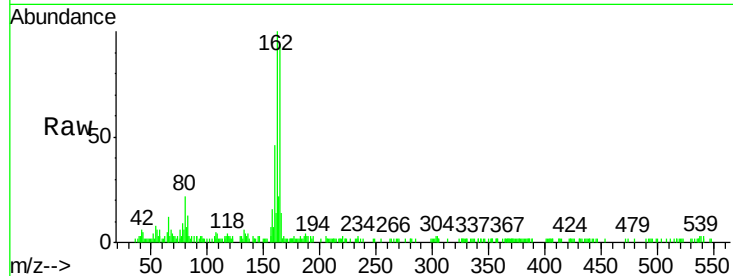




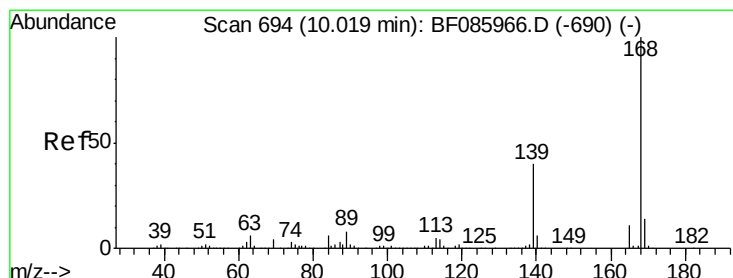
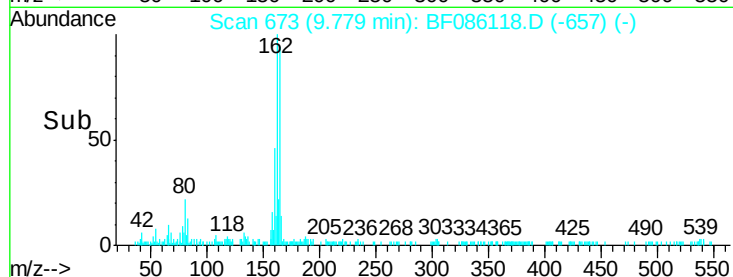
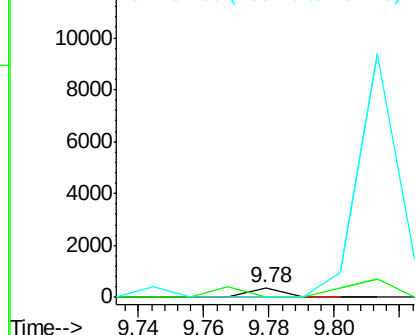
#53
2,4-Dinitrophenol
Concen: 4.95 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.11 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:184 Resp: 256
Ion Ratio Lower Upper
184 100
63 0.0 69.5 104.3#
154 0.0 58.3 87.5#

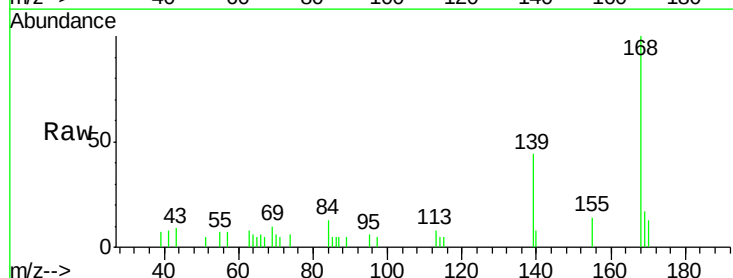


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

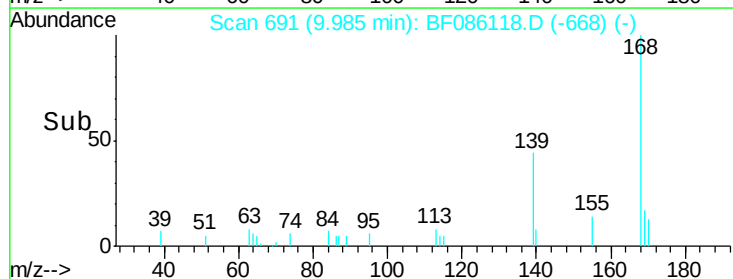
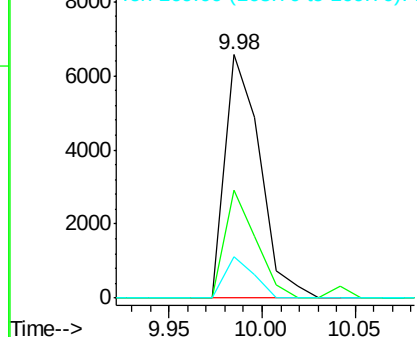


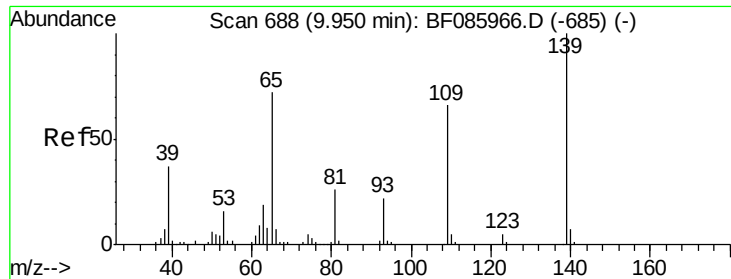
#54
Dibenzofuran
Concen: 7.21 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:168 Resp: 8560
Ion Ratio Lower Upper
168 100
139 44.1 31.9 47.9
169 17.0 11.0 16.6#



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





#55

4-Nitrophenol

Concen: 20.08 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

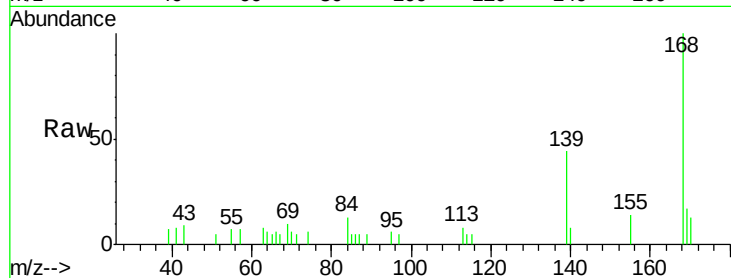
Tgt Ion:139 Resp: 3378

Ion Ratio Lower Upper

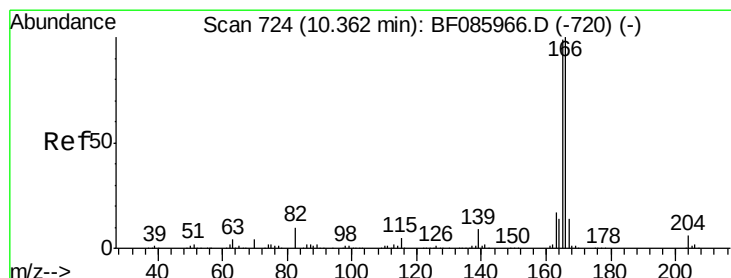
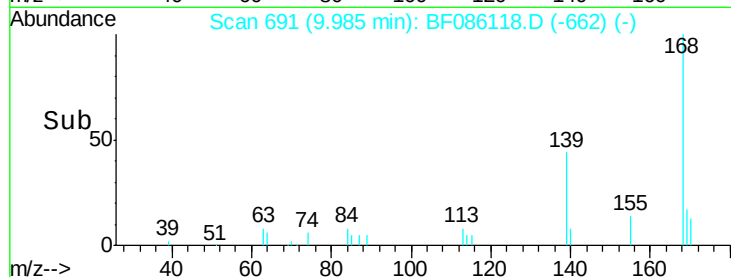
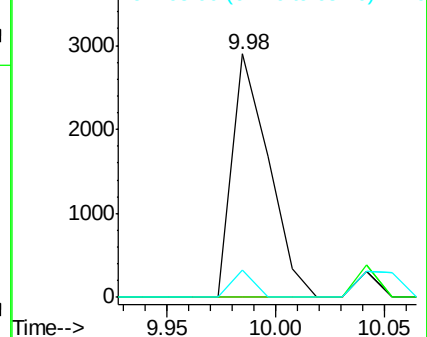
139 100

109 0.0 49.2 89.2#

65 11.4 66.9 106.9#



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



#57

Fluorene

Concen: 12.10 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

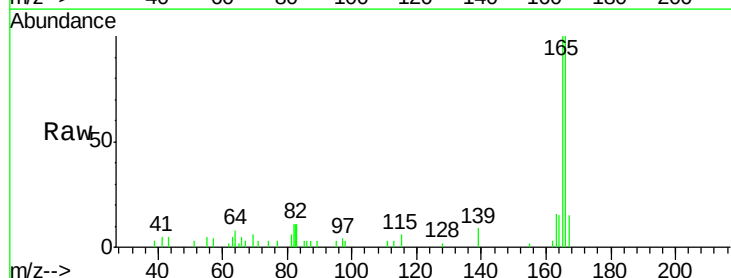
Tgt Ion:166 Resp: 12272

Ion Ratio Lower Upper

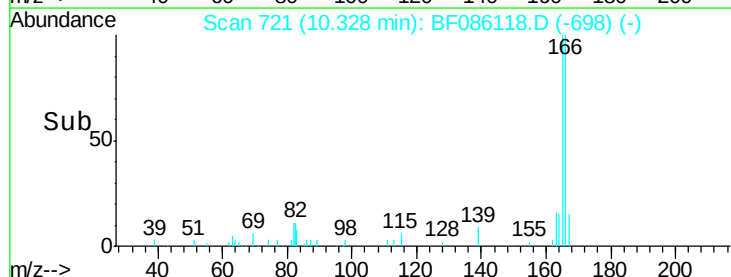
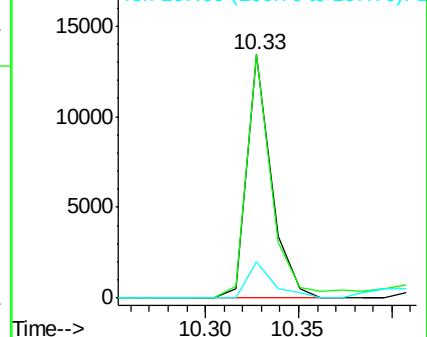
166 100

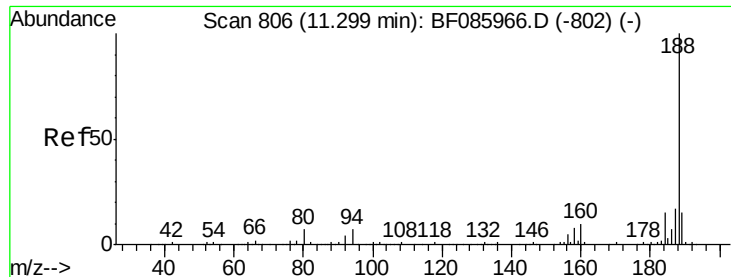
165 100.0 79.4 119.0

167 14.9 11.0 16.4



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

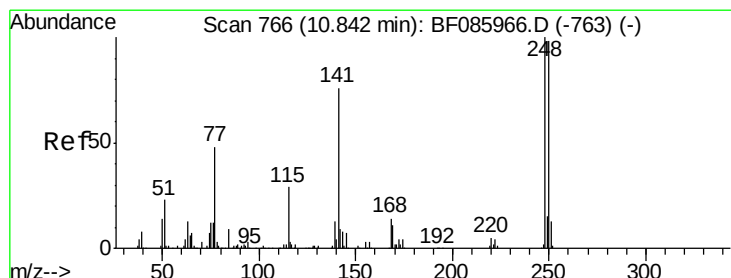
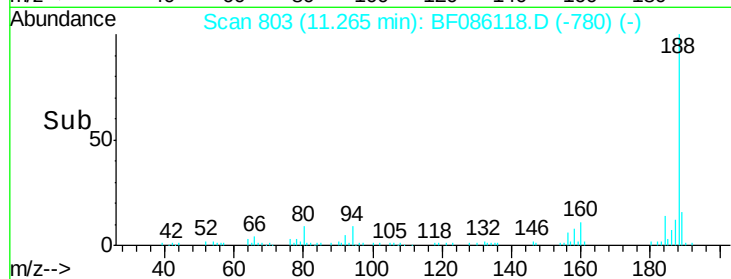
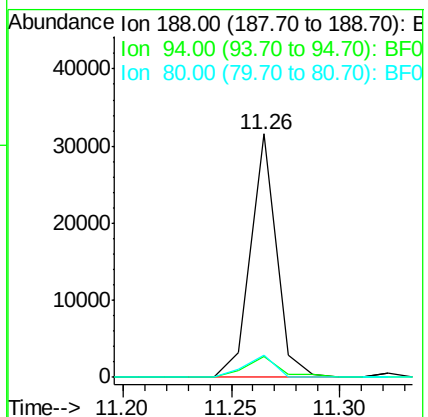
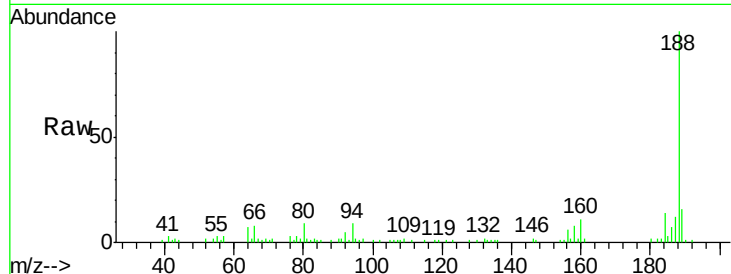




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

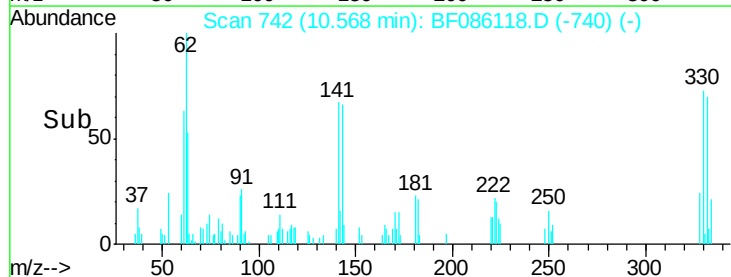
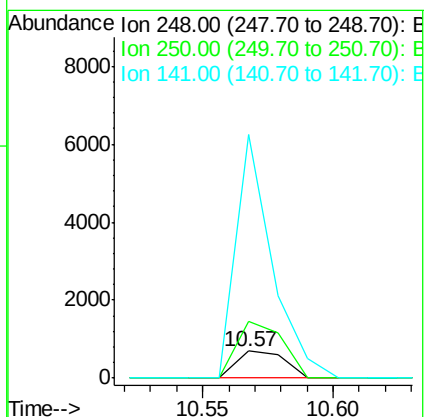
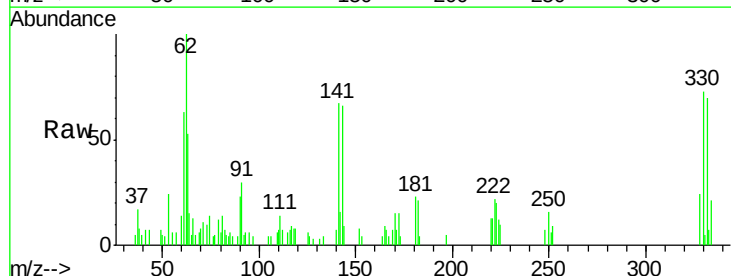
Instrument :
BNA_F
ClientSampleId :
DFTPP

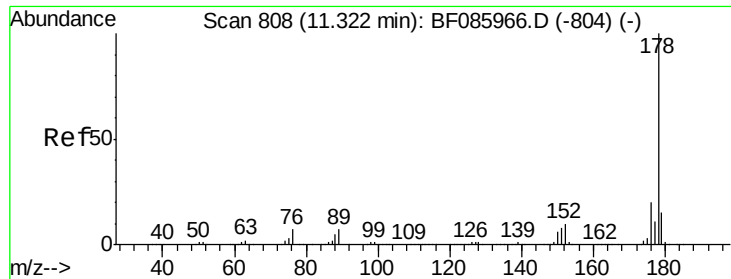
Tgt Ion:188 Resp: 26055
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 9.1 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:248 Resp: 879
Ion Ratio Lower Upper
248 100
250 212.2 77.4 116.0#
141 906.7 63.6 95.4#

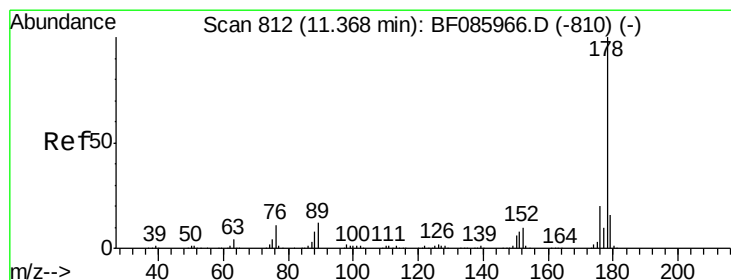
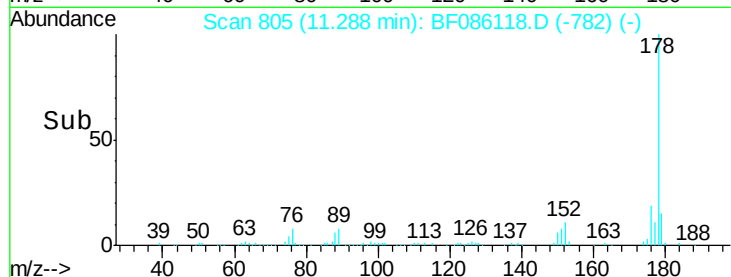
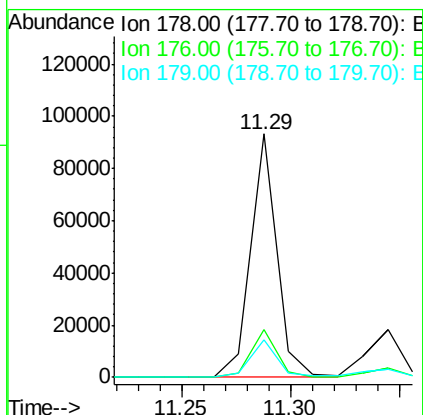
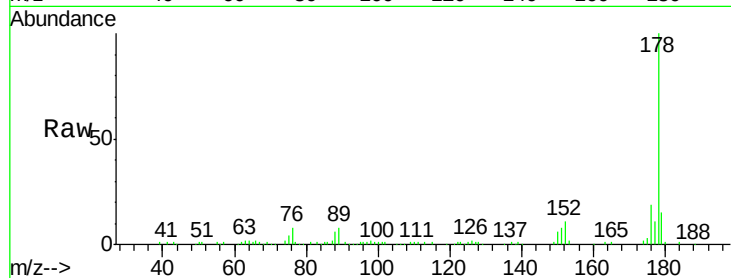




#70
Phenanthrene
Concen: 55.05 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

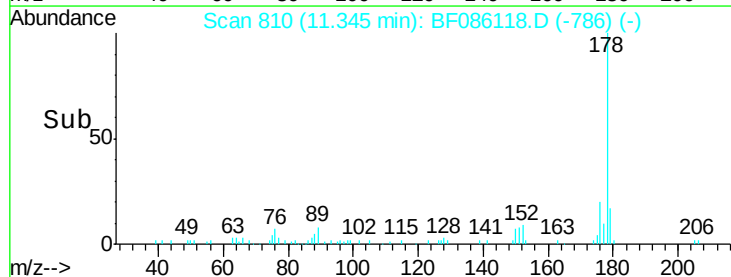
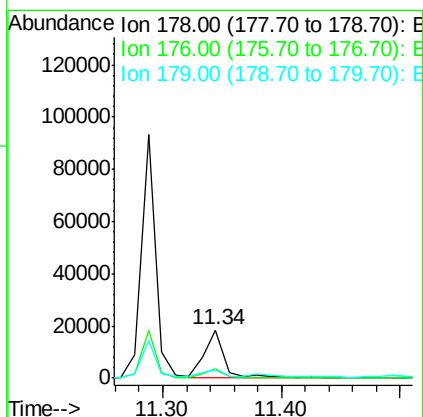
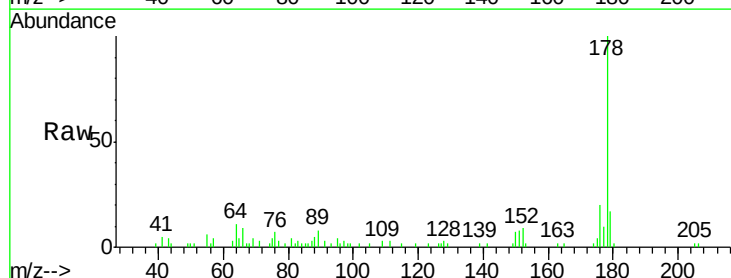
Instrument :
BNA_F
ClientSampleId :
DFTPP

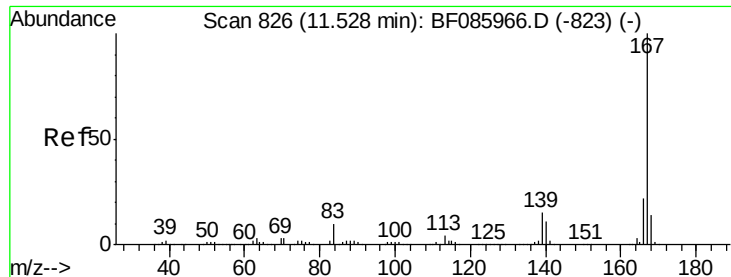
Tgt Ion:178 Resp: 78247
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.4 12.6 18.8



#71
Anthracene
Concen: 14.59 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:178 Resp: 21729
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.7 13.0 19.4





#72

Carbazole

Concen: 6.69 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

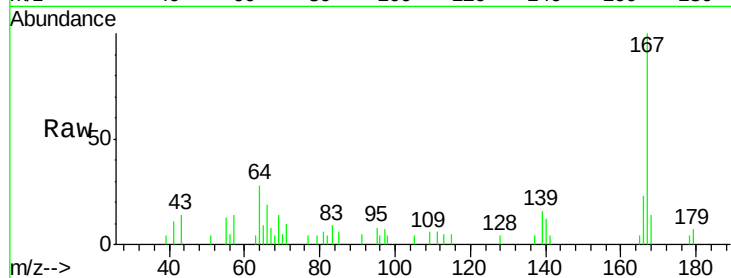
Tgt Ion:167 Resp: 8558

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

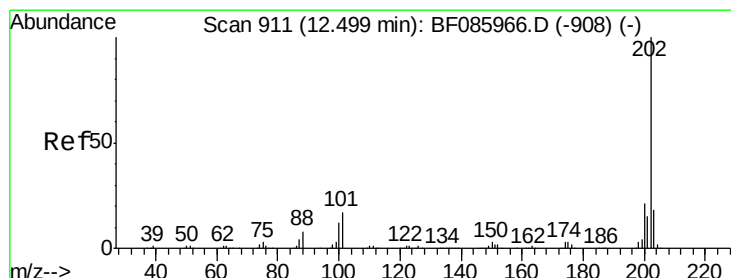
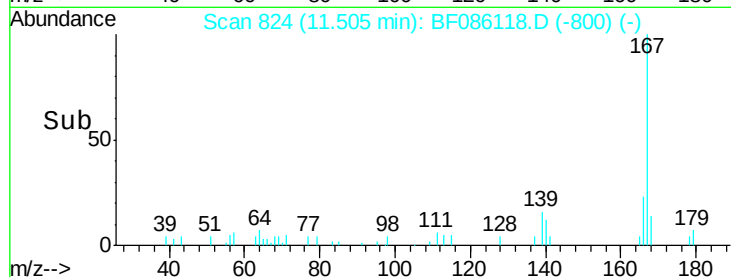
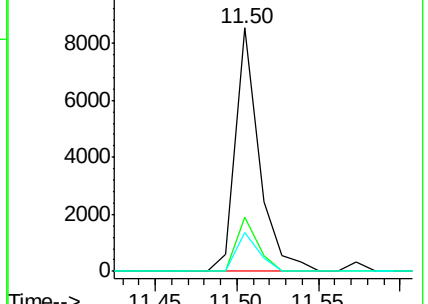
139 15.9 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 59.95 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

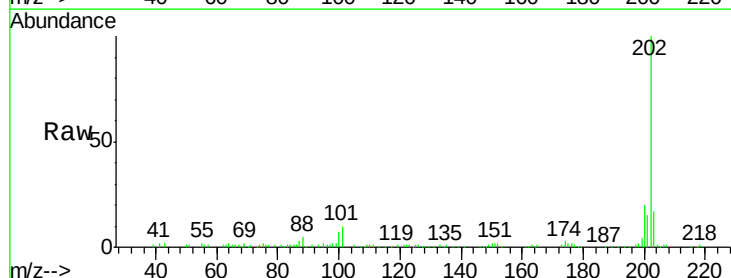
Tgt Ion:202 Resp: 88629

Ion Ratio Lower Upper

202 100

101 9.8 0.0 36.6

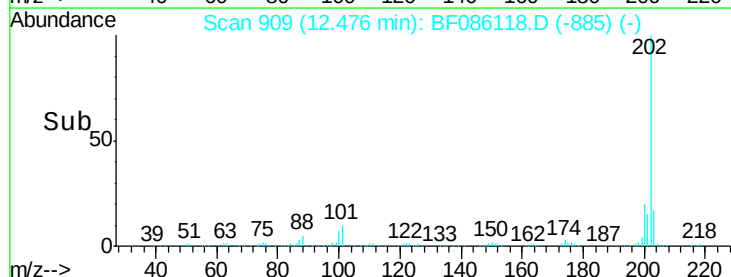
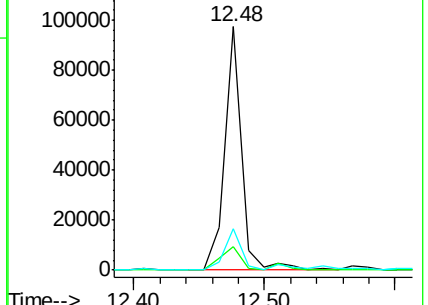
203 17.1 0.0 38.1

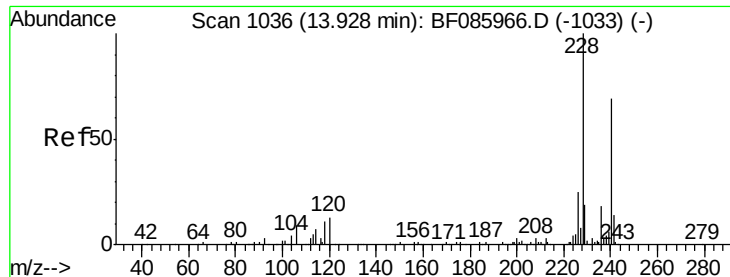


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

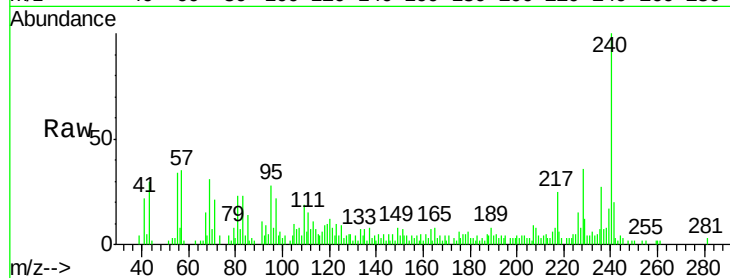
Tgt Ion:240 Resp: 23333

Ion Ratio Lower Upper

240 100

120 12.2 13.8 20.8#

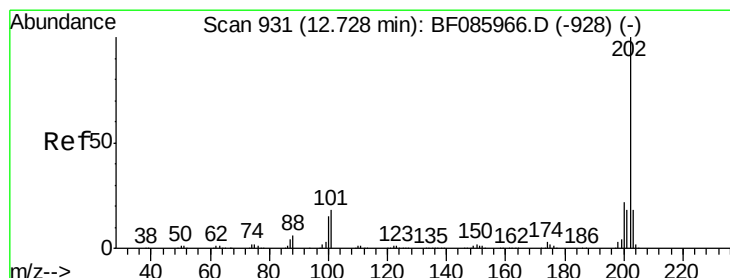
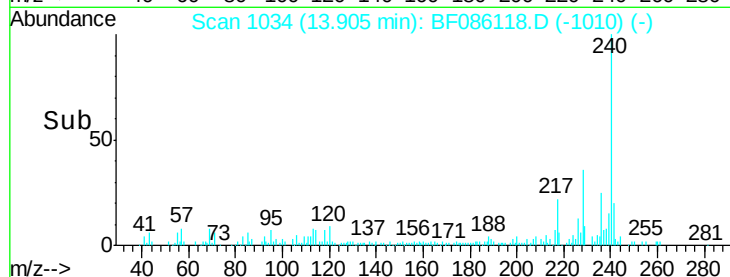
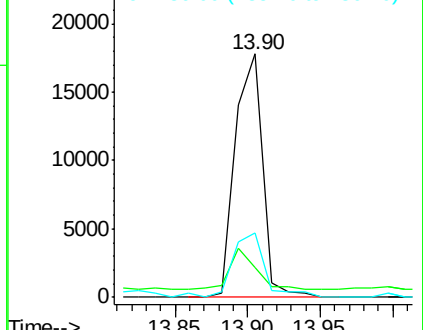
236 26.6 20.6 30.8



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: 45.93 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

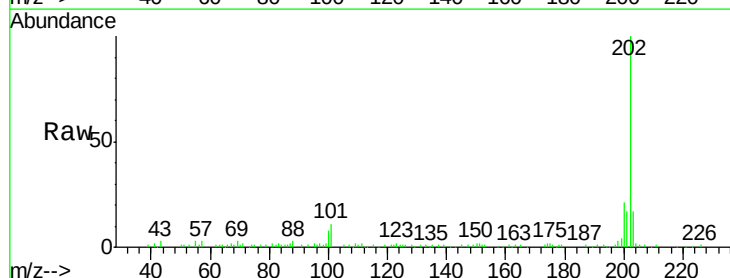
Tgt Ion:202 Resp: 75518

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

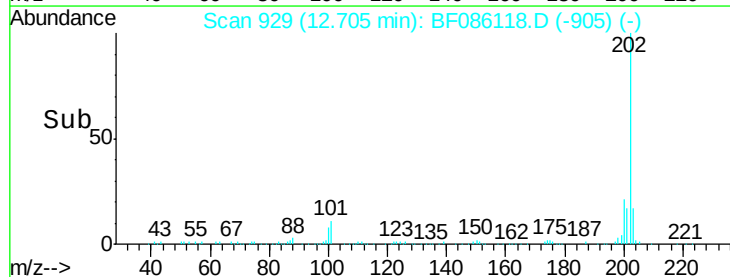
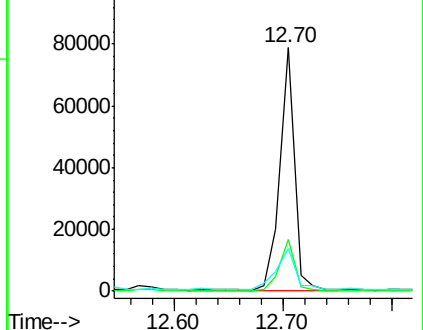
203 17.3 14.0 21.0

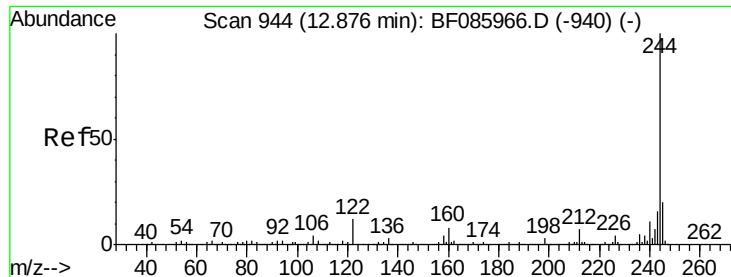


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.28 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

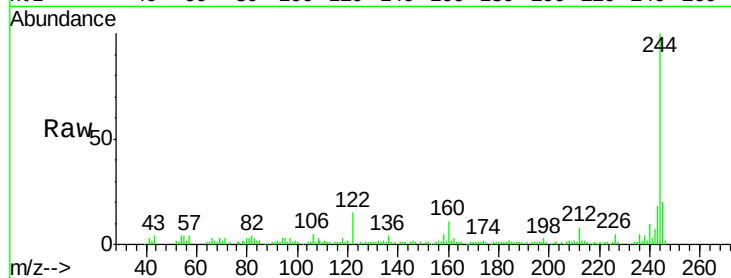
Tgt Ion:244 Resp: 67772

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

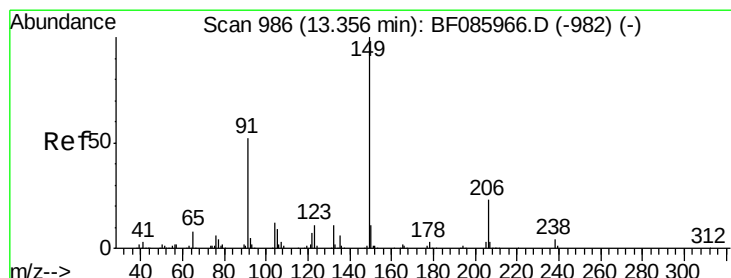
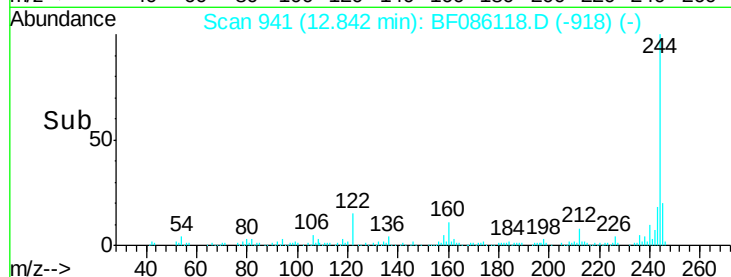
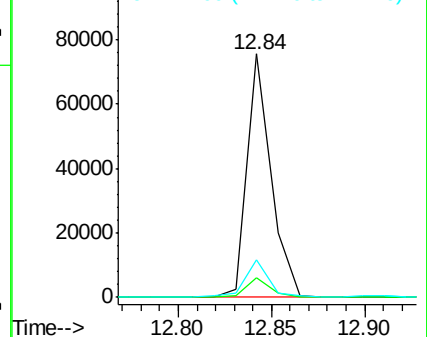
122 15.5 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 5.99 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

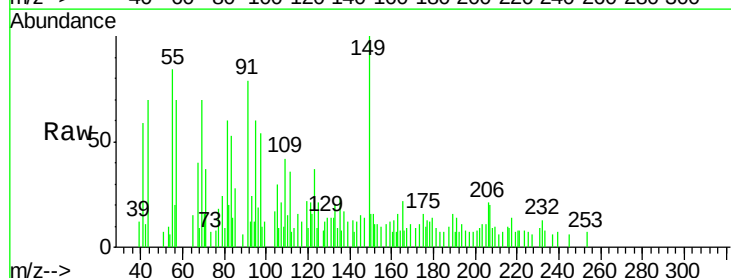
Tgt Ion:149 Resp: 4432

Ion Ratio Lower Upper

149 100

91 78.7 45.8 68.8#

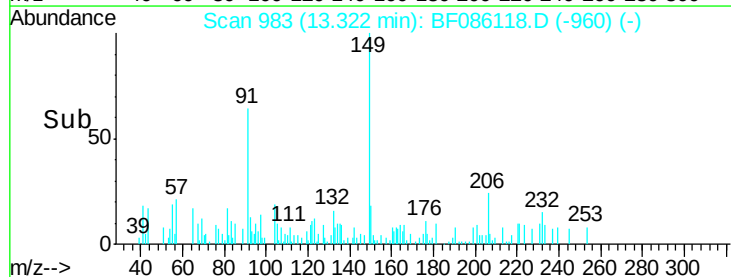
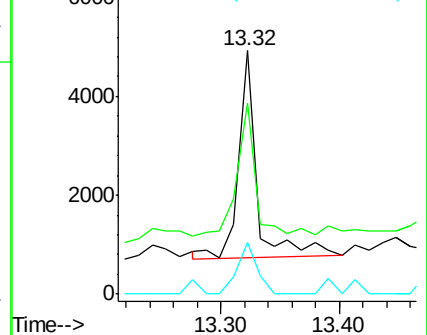
206 21.3 17.8 26.8

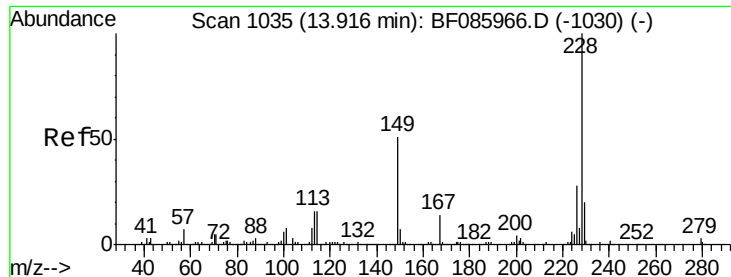


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.36 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

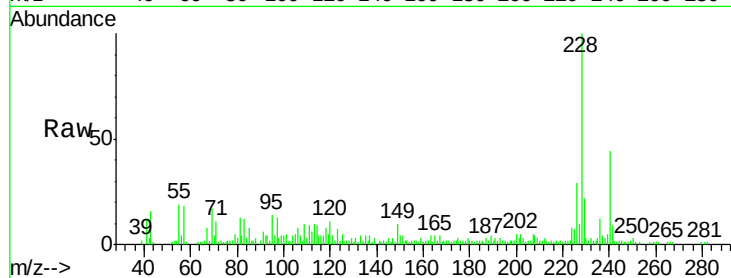
Tgt Ion:228 Resp: 45884

Ion Ratio Lower Upper

228 100

226 29.0 22.1 33.1

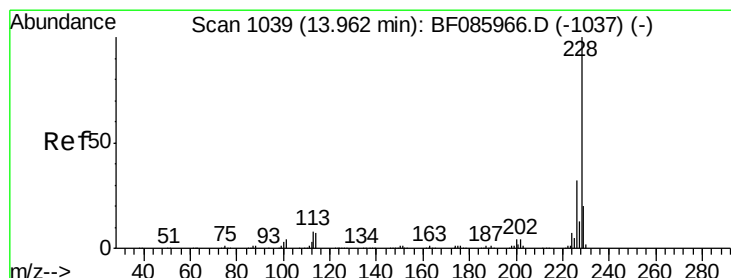
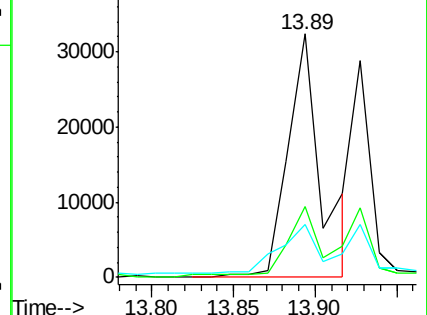
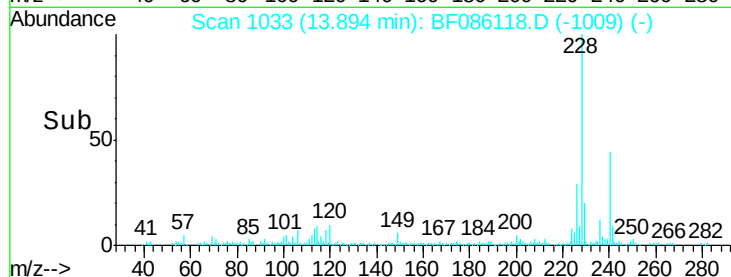
229 21.6 16.2 24.4



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: 34.63 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

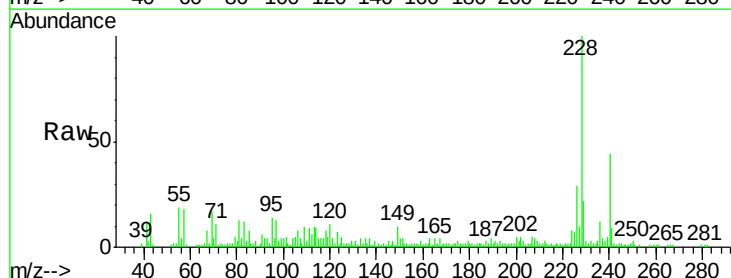
Tgt Ion:228 Resp: 45884

Ion Ratio Lower Upper

228 100

226 29.0 25.0 37.6

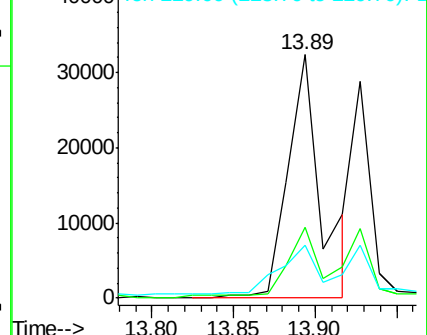
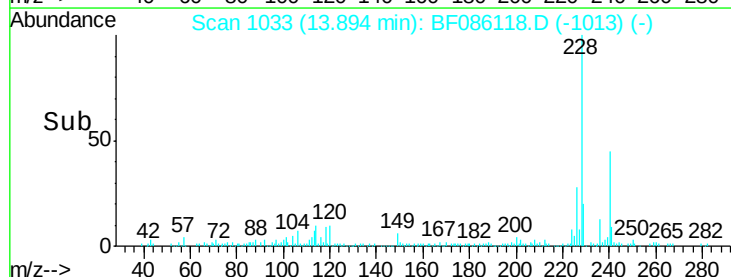
229 21.6 15.7 23.5

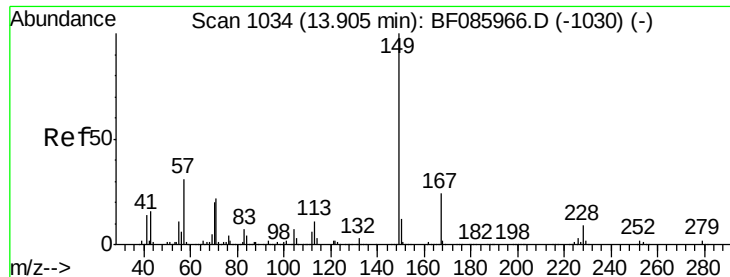


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.80 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

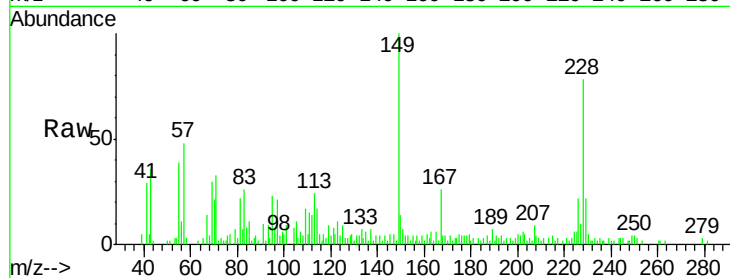
Tgt Ion:149 Resp: 17494

Ion Ratio Lower Upper

149 100

167 26.5 19.4 29.2

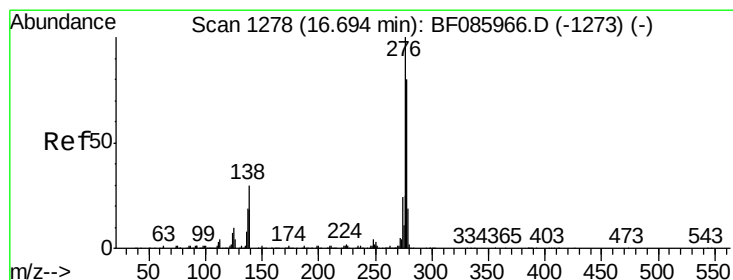
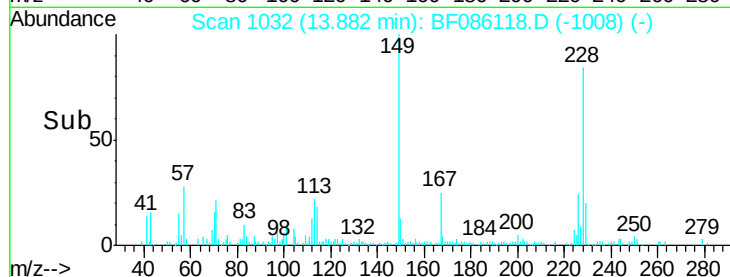
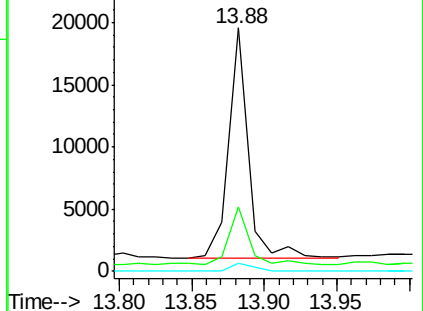
279 3.2 1.5 2.3#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 12.37 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

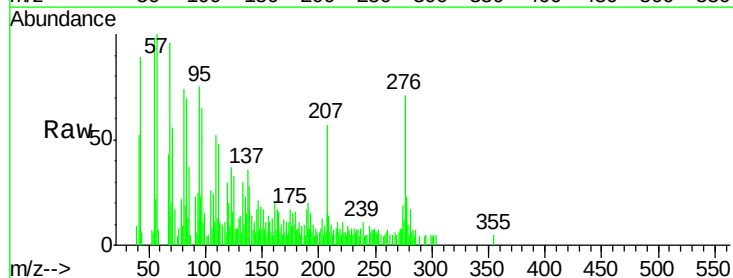
Tgt Ion:276 Resp: 13296

Ion Ratio Lower Upper

276 100

138 20.1 24.2 36.4#

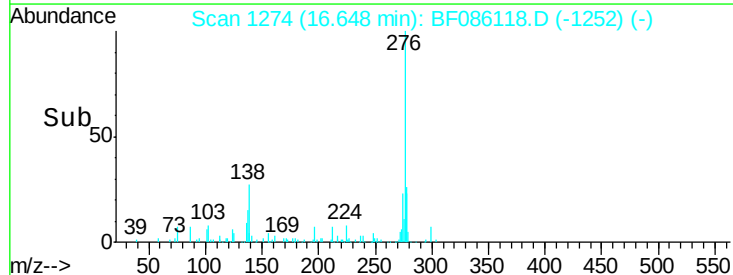
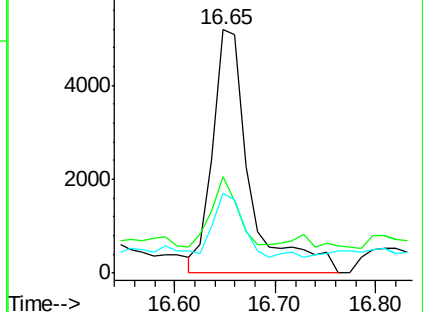
277 21.5 20.0 30.0

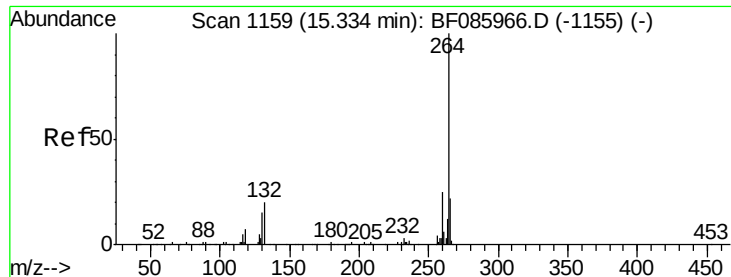


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

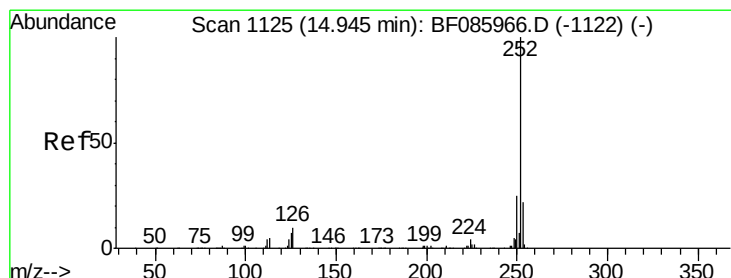
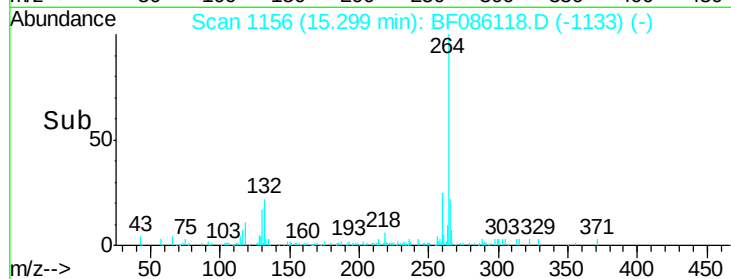
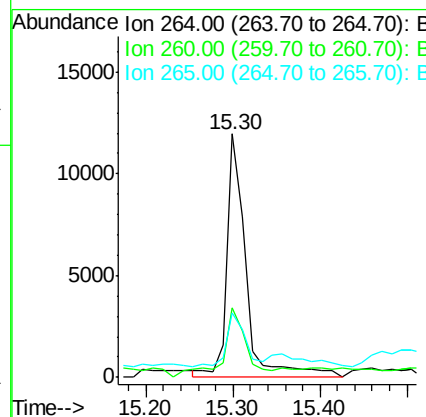
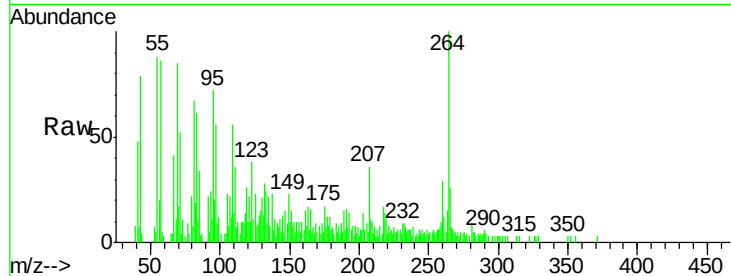




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

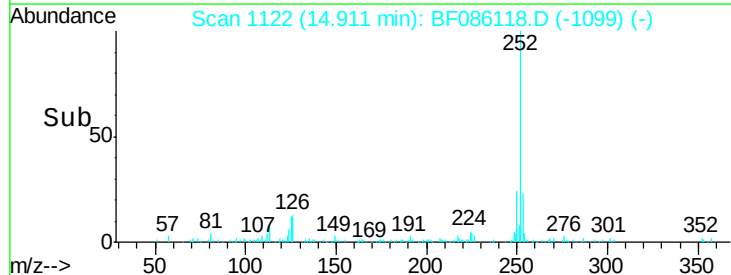
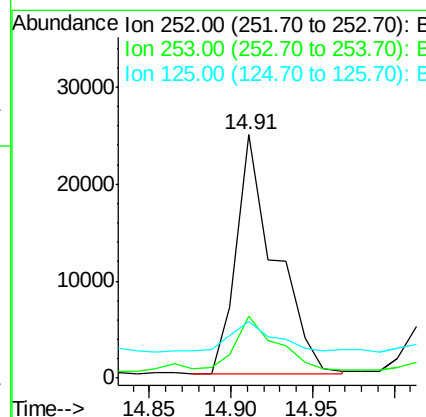
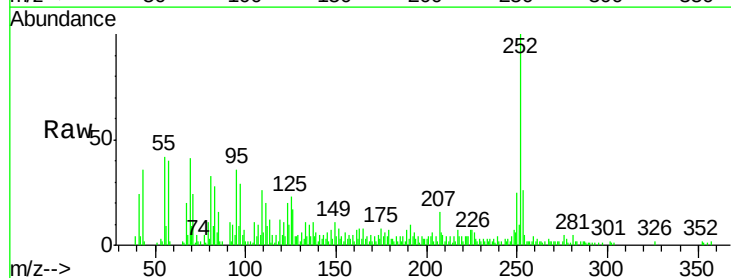
Instrument :
BNA_F
ClientSampleId :
DFTPP

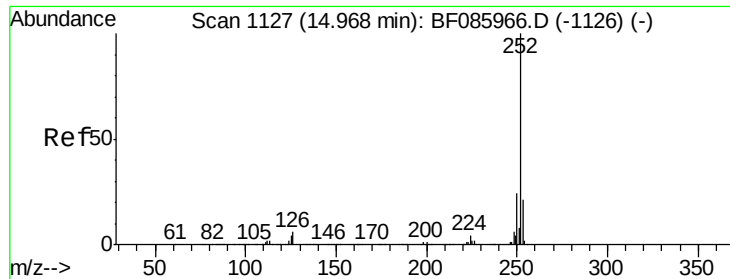
Tgt Ion:264 Resp: 18499
Ion Ratio Lower Upper
264 100
260 28.7 19.4 29.2
265 26.4 17.2 25.8#



#87
Benzo(b)fluoranthene
Concen: 35.03 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:252 Resp: 40760
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 23.4 10.3 15.5#

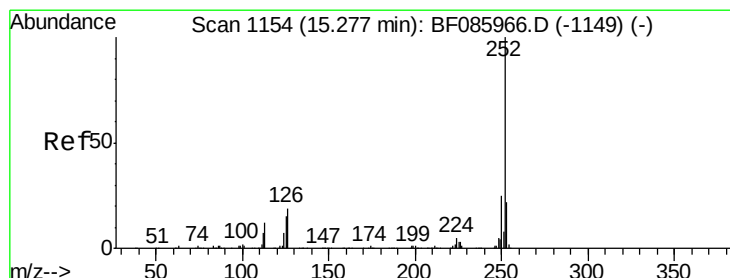
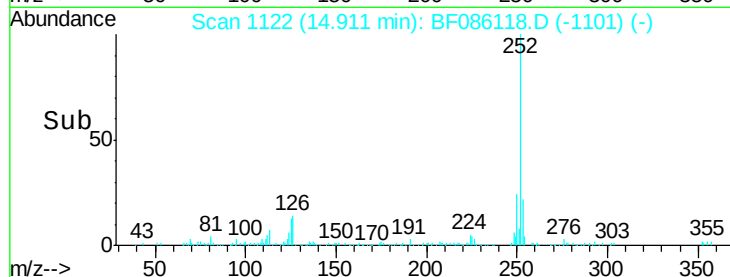
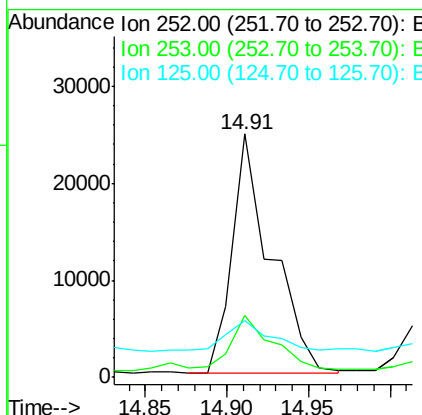
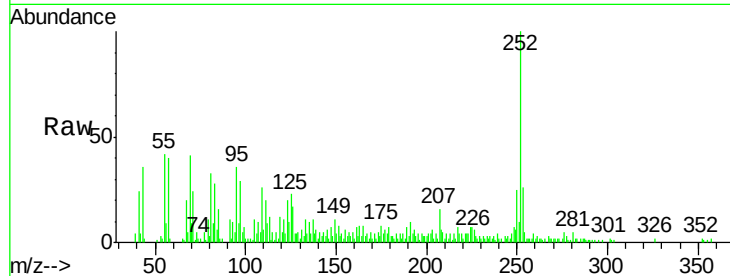




#88
Benzo(k)fluoranthene
Concen: 39.55 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

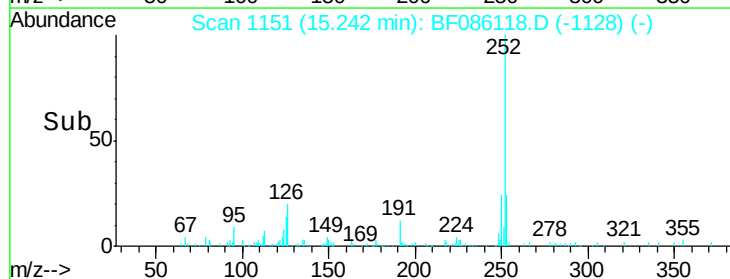
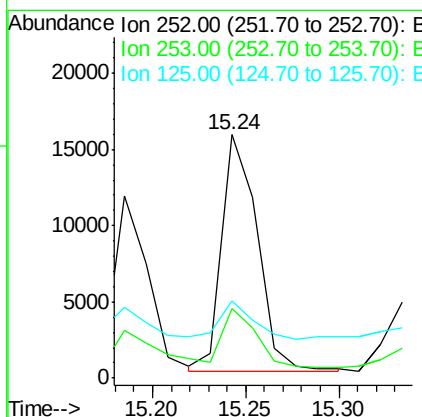
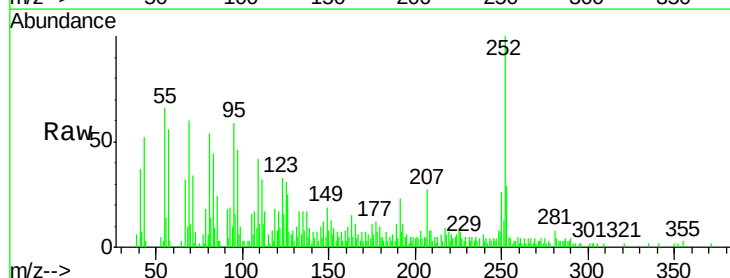
Instrument :
BNA_F
ClientSampleId :
DFTPP

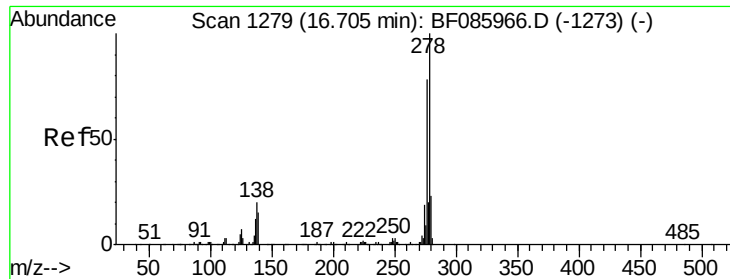
Tgt Ion:252 Resp: 40760
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.6
125 23.4 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 20.26 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086118.D
Acq: 7 Apr 2016 00:50

Tgt Ion:252 Resp: 20894
Ion Ratio Lower Upper
252 100
253 28.8 17.4 26.0#
125 31.5 10.3 15.5#





#90

Dibenzo(a,h)anthracene

Concen: 3.76 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

Instrument :

BNA_F

ClientSampleId :

DFTPP

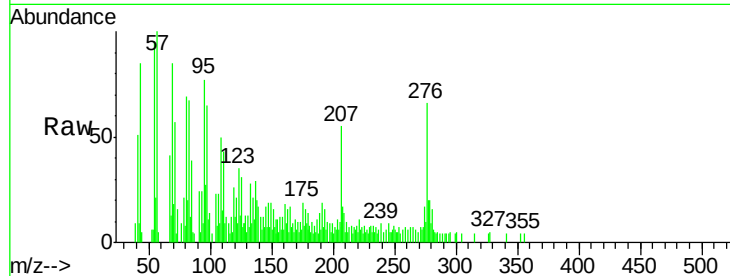
Tgt Ion:278 Resp: 3123

Ion Ratio Lower Upper

278 100

139 87.1 14.4 21.6#

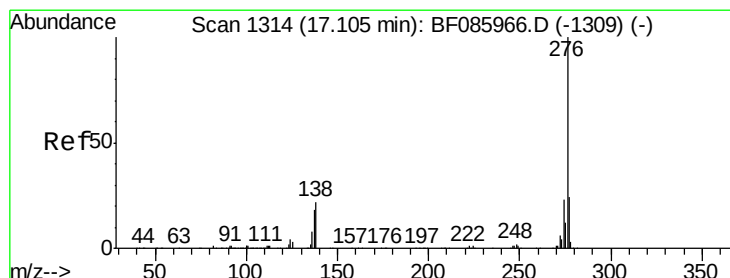
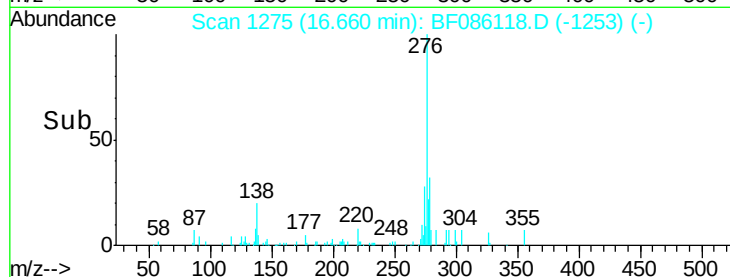
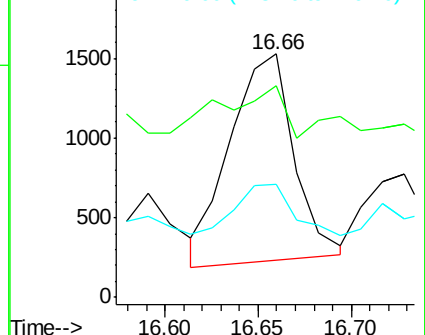
279 46.6 19.1 28.7#



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(g,h,i)perylene

Concen: 16.17 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF086118.D

Acq: 7 Apr 2016 00:50

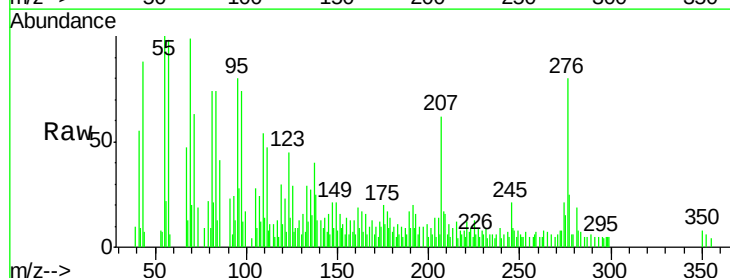
Tgt Ion:276 Resp: 12980

Ion Ratio Lower Upper

276 100

277 31.2 18.8 28.2#

138 31.5 22.6 34.0



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

