

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083465.D
 Acq On : 3 Dec 2015 17:41
 Operator : UM/IZ
 Sample : G4585-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 18:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 17:02:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	185673	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	674397	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	328985	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	481555	20.00	ng	0.02
75) Chrysene-d12	14.77	240	302380	20.00	ng	0.06
86) Perylene-d12	16.84	264	348104	20.00	ng	0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1663034	134.40	ng	0.01
7) Phenol-d6	6.20	99	2146630	126.75	ng	0.00
23) Nitrobenzene-d5	7.10	82	1330637	86.73	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	366157	110.87	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	1890541	81.89	ng	0.00
78) Terphenyl-d14	13.20	244	1472683	116.15	ng	0.01

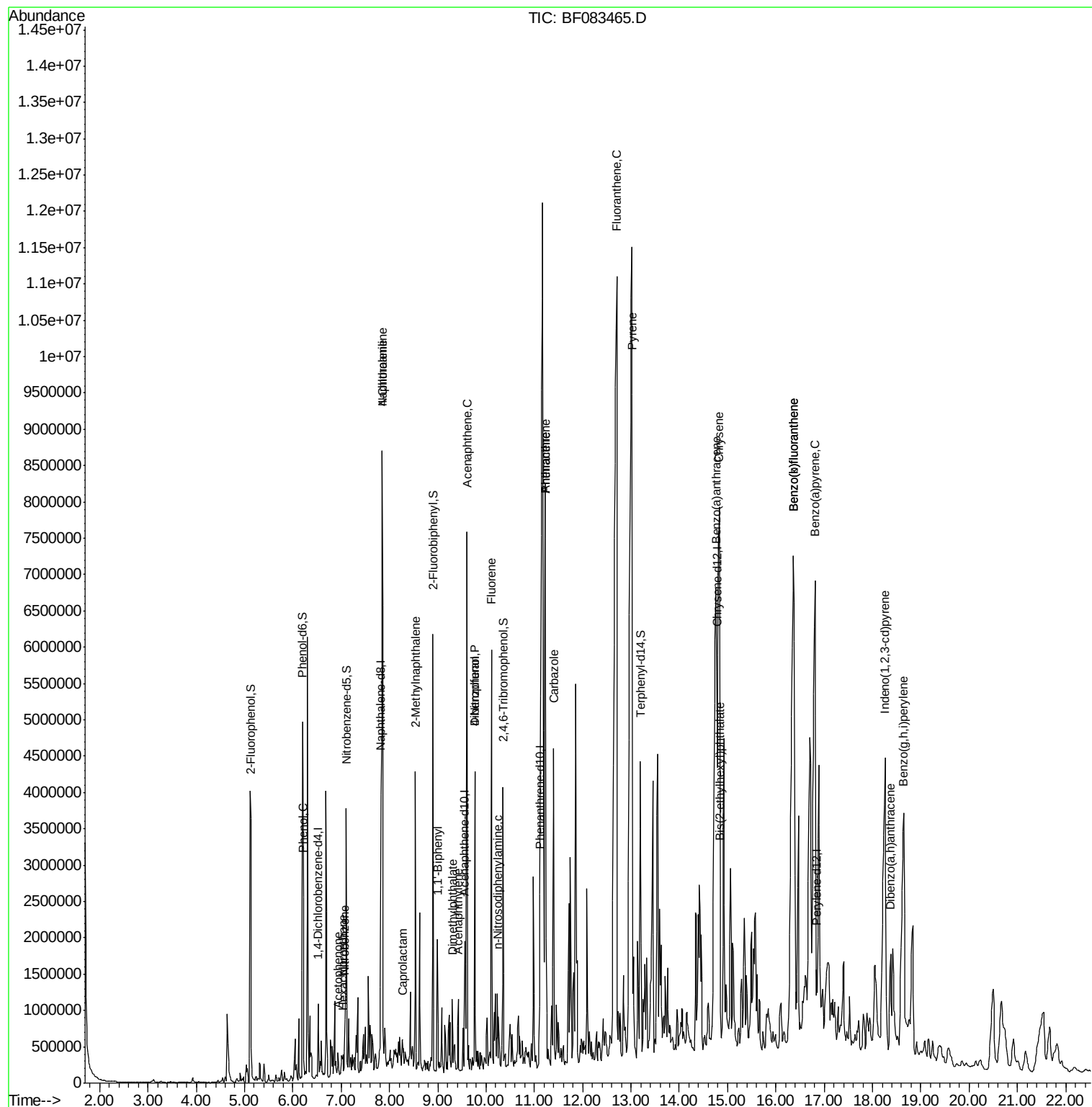
Target Compounds						Qvalue
10) Phenol	6.21	94	41139	2.02	ng	# 1
18) Hexachloroethane	7.04	117	21411	3.93	ng	# 1
22) Acetophenone	6.93	105	93438	4.63	ng	# 59
24) Nitrobenzene	7.08	77	33906	2.07	ng	# 23
31) Naphthalene	7.85	128	5890213	160.97	ng	95
33) 4-Chloroaniline	7.85	127	910960	57.75	ng	# 31
35) Caprolactam	8.27	113	7983	2.34	ng	# 1
37) 2-Methylnaphthalene	8.53	142	1048051	42.86	ng	96
45) 1,1'-Biphenyl	8.99	154	411377	14.26	ng	96
48) Acenaphthylene	9.42	152	454673	12.97	ng	99
49) Dimethylphthalate	9.30	163	302049	11.30	ng	98
51) Acenaphthene	9.61	154	2384946	115.62	ng	98
54) Dibenzofuran	9.77	168	1452972	48.07	ng	99
55) 4-Nitrophenol	9.77	139	573304	136.96	ng	# 1
57) Fluorene	10.11	166	2097330	87.87	ng	99
65) n-Nitrosodiphenylamine	10.24	169	47046	2.78	ng	# 1
70) Phenanthrene	11.23	178	5582489	195.89	ng	93
71) Anthracene	11.23	178	5582489	194.58	ng	95
72) Carbazole	11.40	167	2733759	106.05	ng	98
74) Fluoranthene	12.71	202	15321473	518.66	ng	93
77) Pyrene	13.03	202	14126306	668.94	ng	# 86
80) Benzo(a)anthracene	14.76	228	9184665	495.79	ng	# 92
82) Chrysene	14.83	228	5904163	329.87	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.84	149	59935	4.99	ng	95
85) Indeno(1,2,3-cd)pyrene	18.26	276	4896990	375.66	ng	96
87) Benzo(b)fluoranthene	16.36	252	12213894	546.82	ng	95
88) Benzo(k)fluoranthene	16.36	252	12213894	579.10	ng	# 91
89) Benzo(a)pyrene	16.81	252	7286263	379.79	ng	# 90
90) Dibenzo(a,h)anthracene	18.37	278	952729	56.99	ng	97
91) Benzo(g,h,i)perylene	18.64	276	4477389	272.90	ng	93

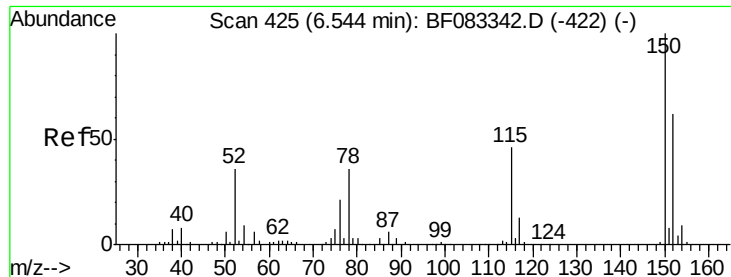
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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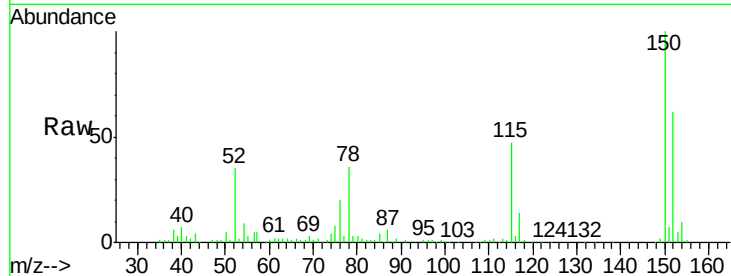


#1

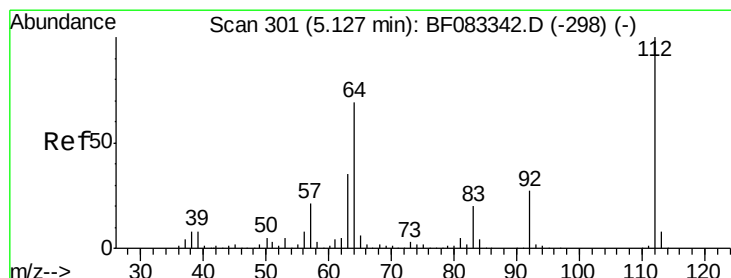
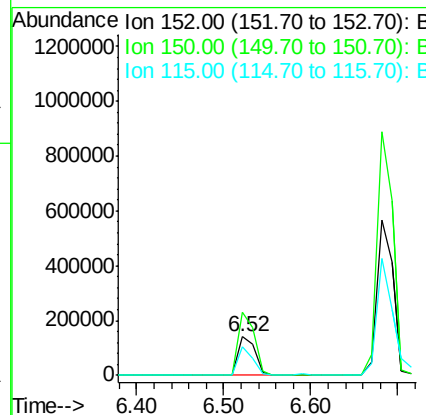
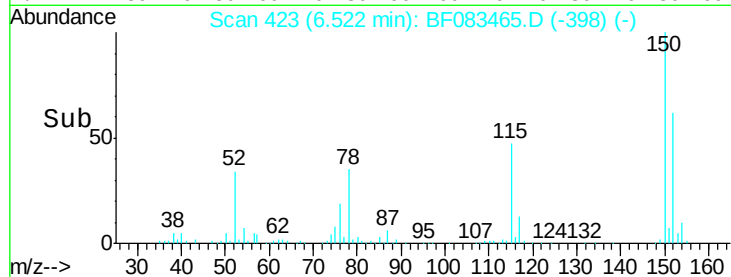
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 185673
Ion Ratio Lower Upper
152 100
150 162.2 129.8 194.8
115 75.4 59.2 88.8



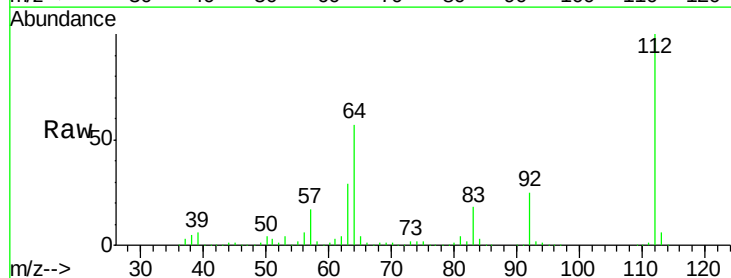
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



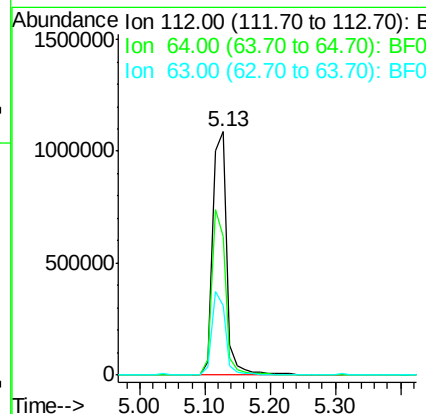
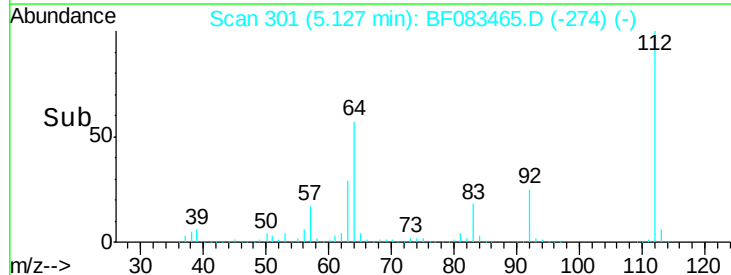
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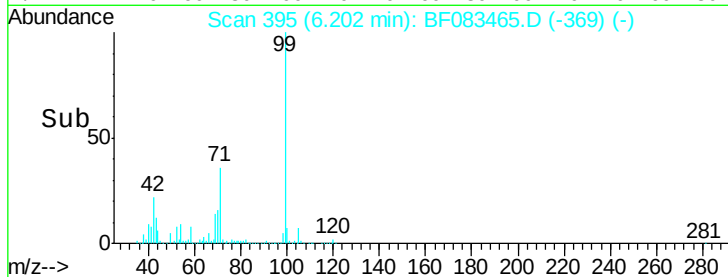
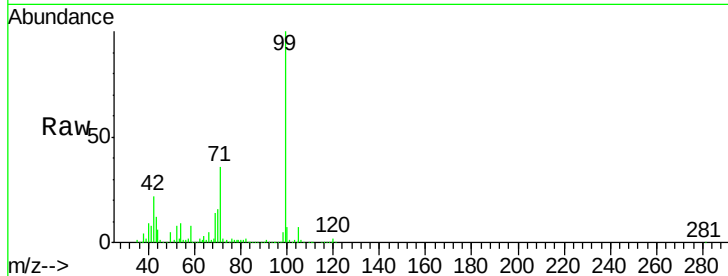
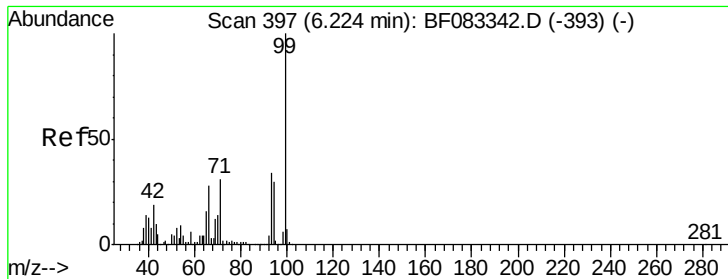
2-Fluorophenol
Concen: 134.40 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:112 Resp: 1663034
Ion Ratio Lower Upper
112 100
64 57.1 55.6 83.4
63 28.6 28.2 42.2



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: 126.75 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampleId :

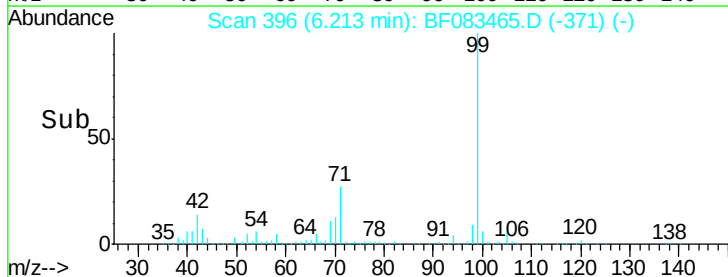
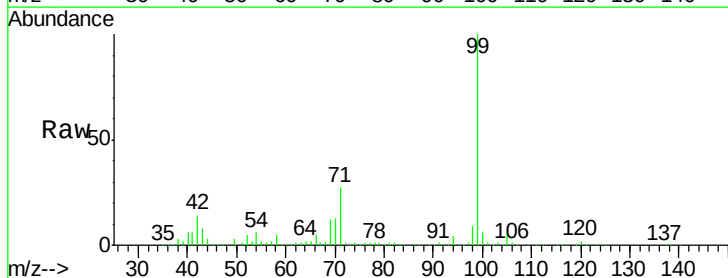
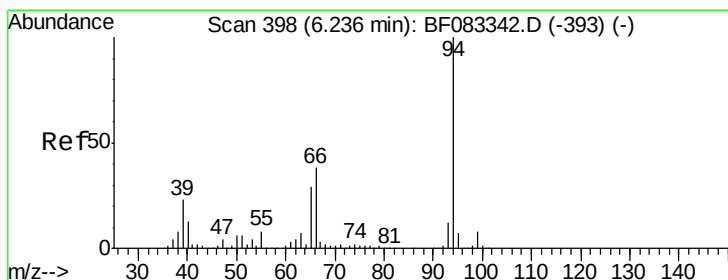
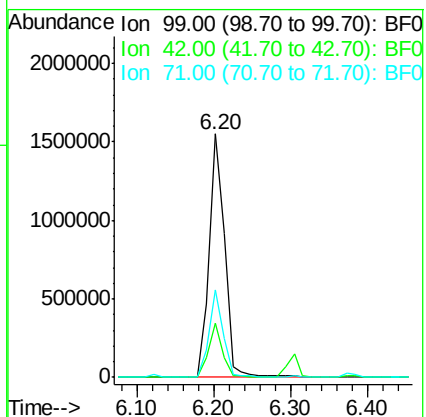
Tot Ion: 99 Resp: 2146630

Ion Ratio Lower Upper

99 100

42 22.3 14.9 22.3

71 35.8 24.7 37.1



#10

Phenol

Concen: 2.02 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

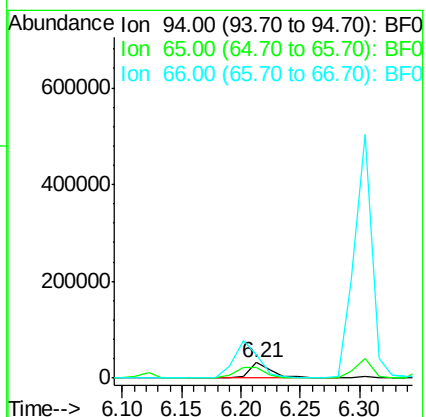
Tgt Ion: 94 Resp: 41139

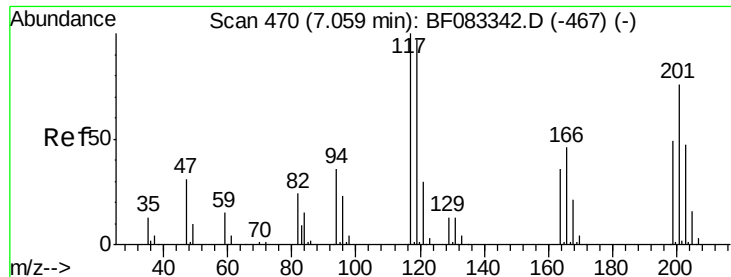
Ion Ratio Lower Upper

94 100

65 65.2 9.5 49.5#

66 147.4 17.9 57.9#

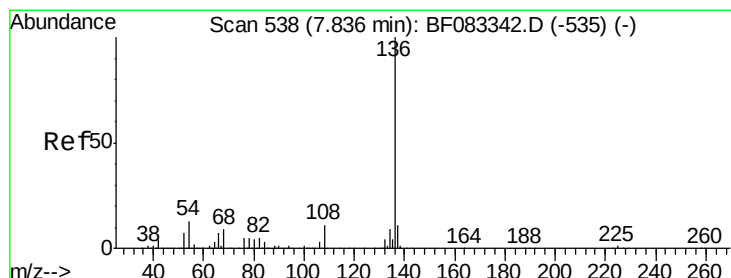
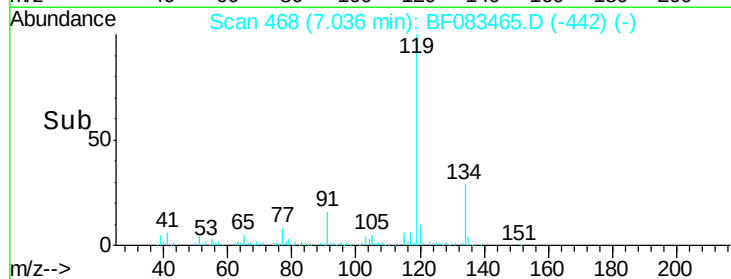
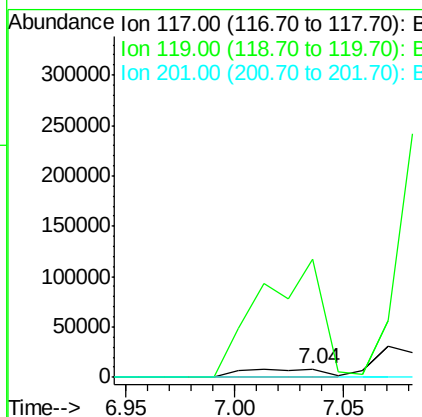
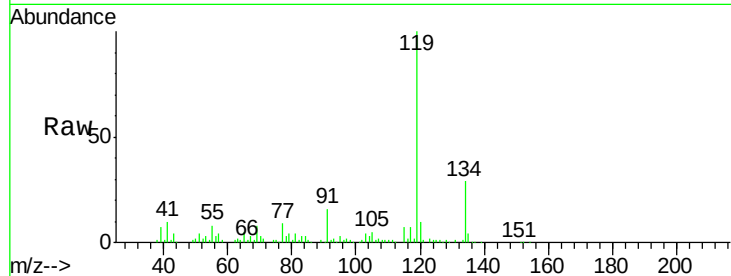




#18
Hexachloroethane
Concen: 3.93 ng
RT: 7.04 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

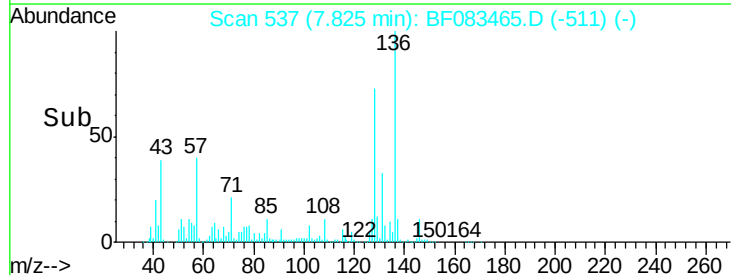
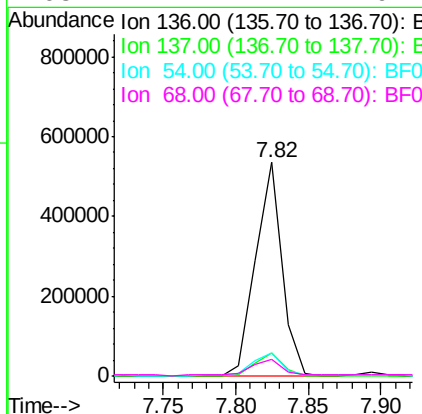
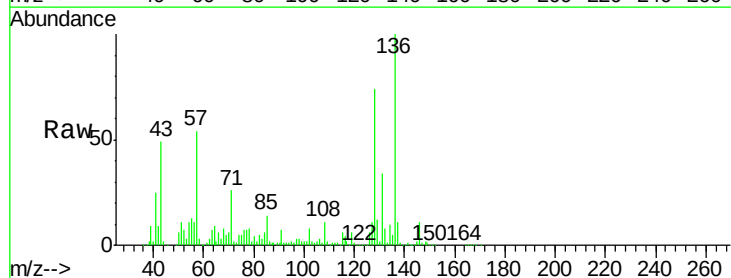
Instrument :
BNA_F
ClientSampleId :

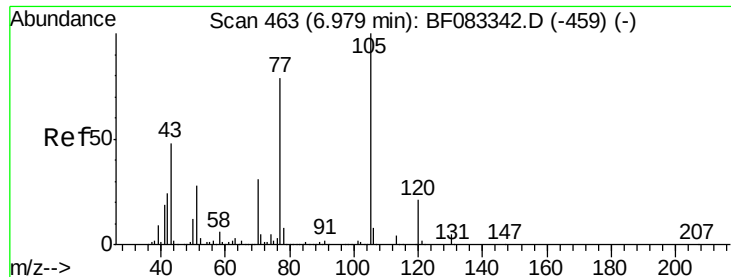
Tot Ion:117 Resp: 21411
Ion Ratio Lower Upper
117 100
119 1375.4 77.3 115.9#
201 0.0 60.6 90.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:136 Resp: 674397
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.0 10.1 15.1
68 7.7 7.1 10.7

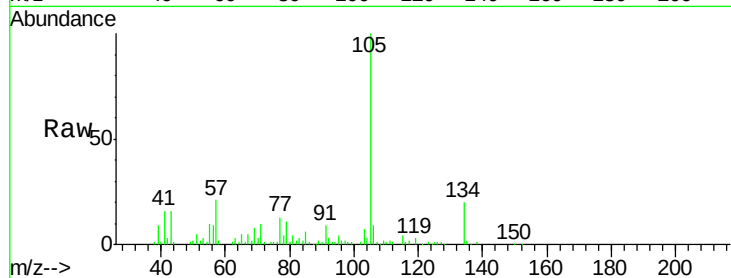




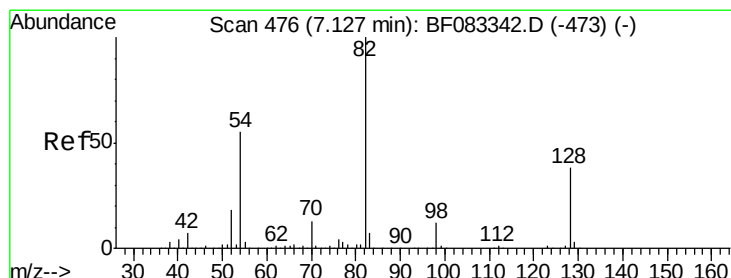
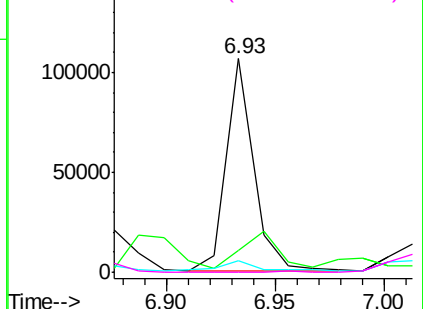
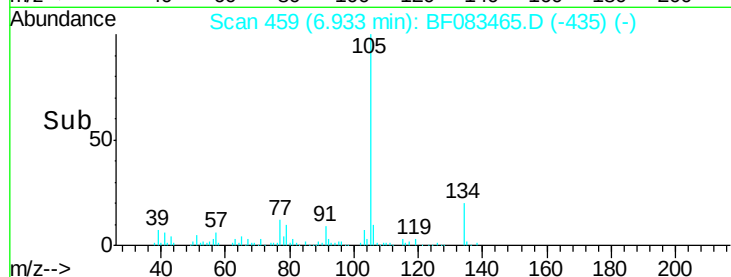
#22
Acetophenone
Concen: 4.63 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 93438
Ion Ratio Lower Upper
105 100
71 10.0 4.3 6.5#
51 5.2 22.9 34.3#
120 0.0 16.7 25.1#

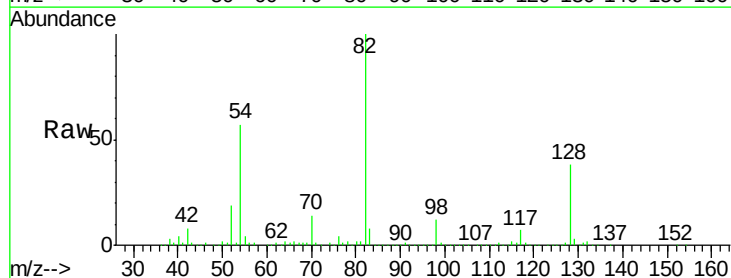


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

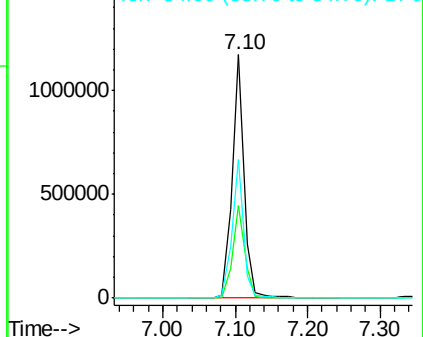
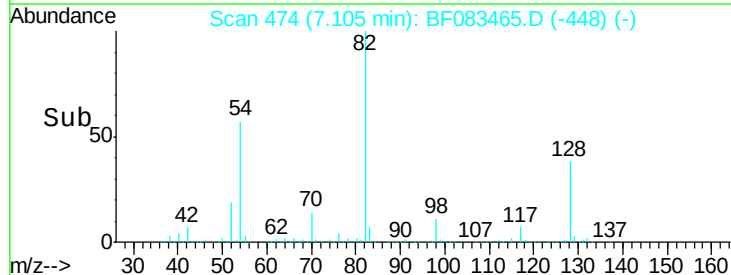


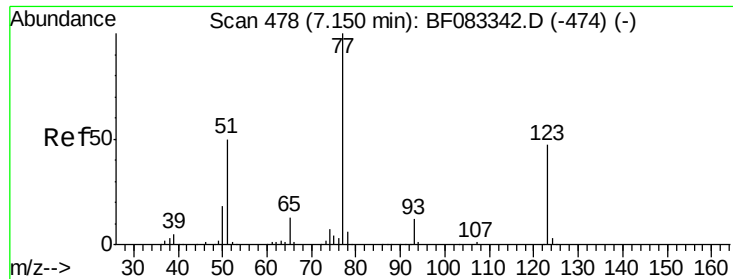
#23
Nitrobenzene-d5
Concen: 86.73 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion: 82 Resp: 1330637
Ion Ratio Lower Upper
82 100
128 37.8 30.6 46.0
54 57.1 43.8 65.6



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

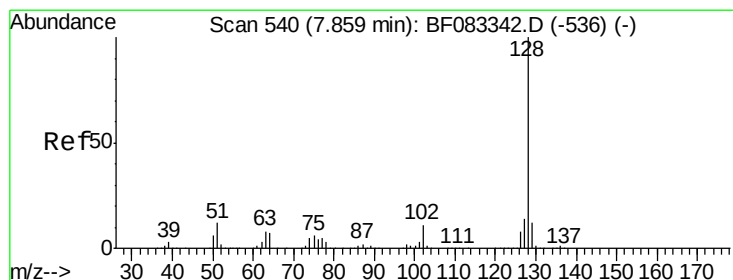
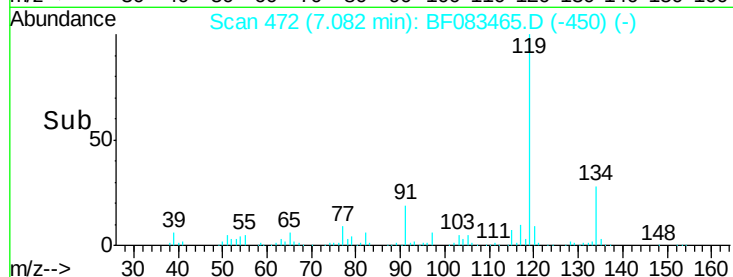
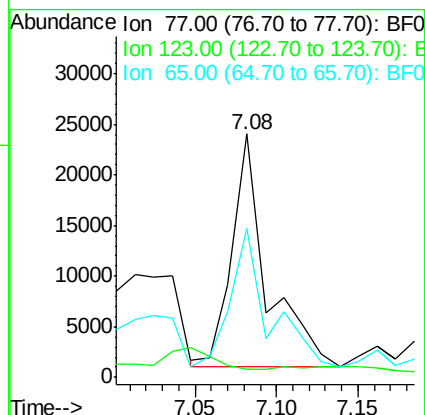
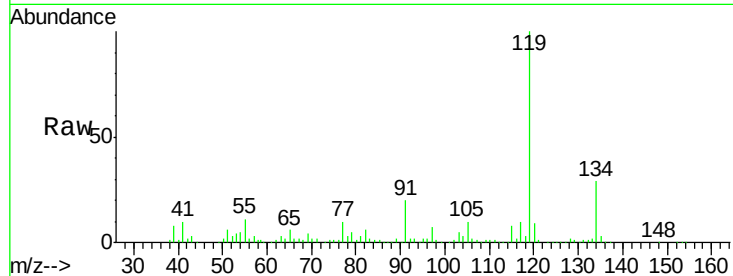




#24
Nitrobenzene
Concen: 2.07 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

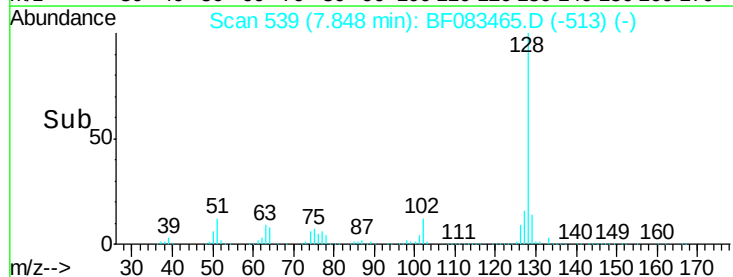
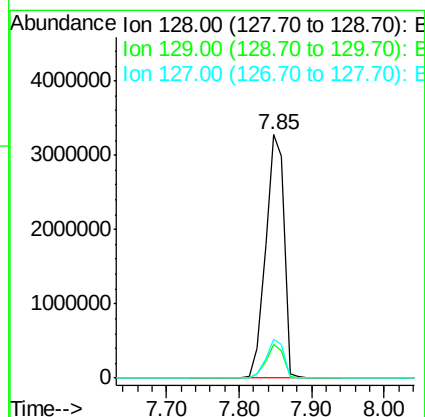
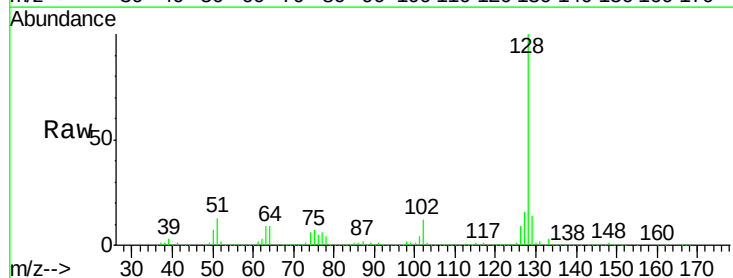
Instrument :
BNA_F
ClientSampled :

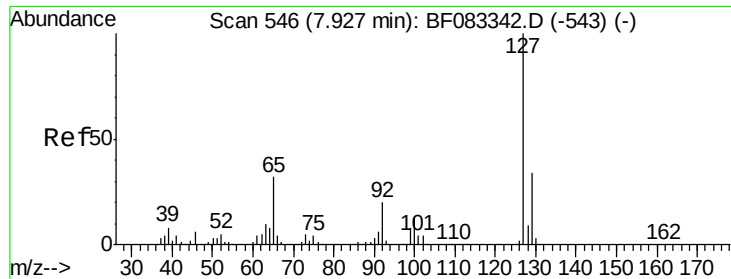
Tot Ion: 77 Resp: 33906
Ion Ratio Lower Upper
77 100
123 3.2 37.4 56.0#
65 61.2 10.6 15.8#



#31
Naphthalene
Concen: 160.97 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:128 Resp: 5890213
Ion Ratio Lower Upper
128 100
129 14.0 9.7 14.5
127 16.0 11.0 16.4

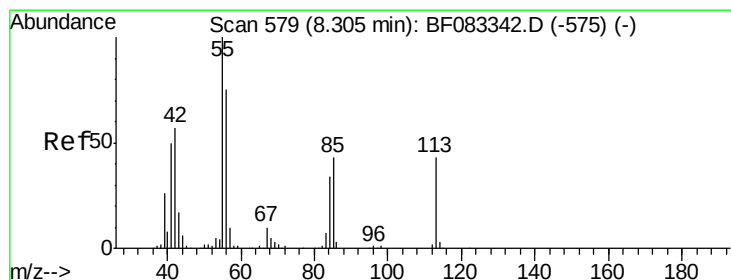
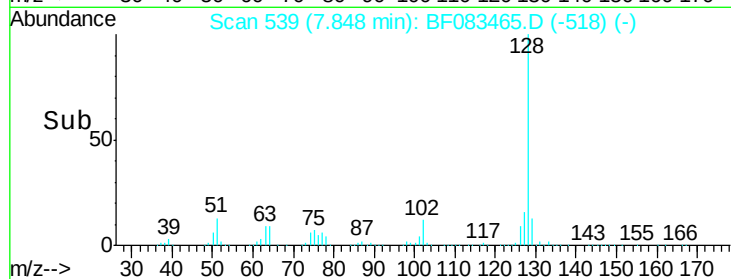
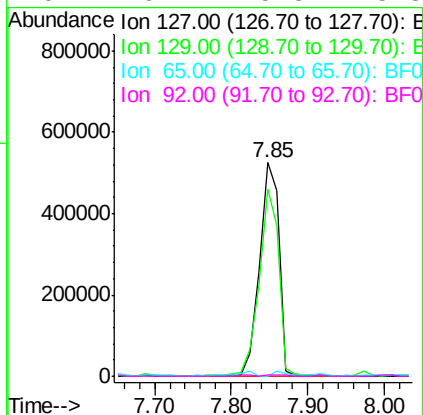
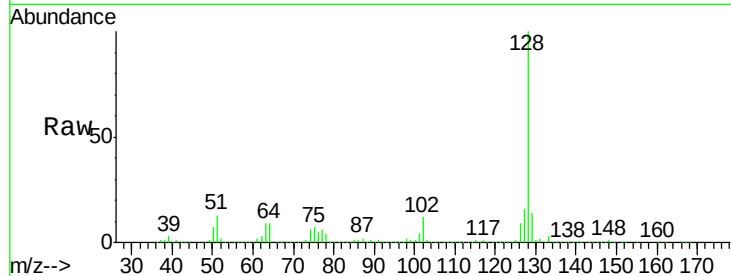




#33
4-Chloroaniline
Concen: 57.75 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.06 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

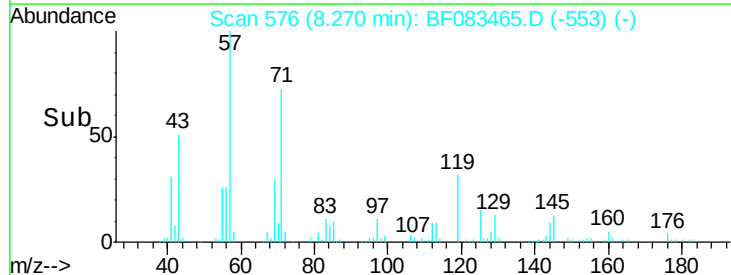
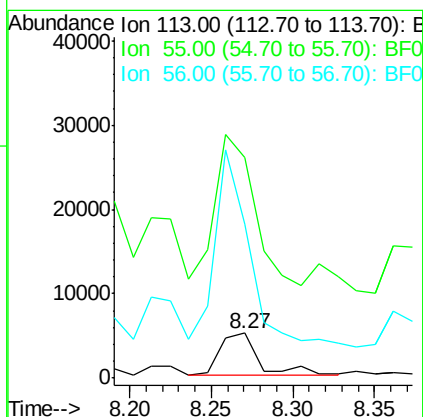
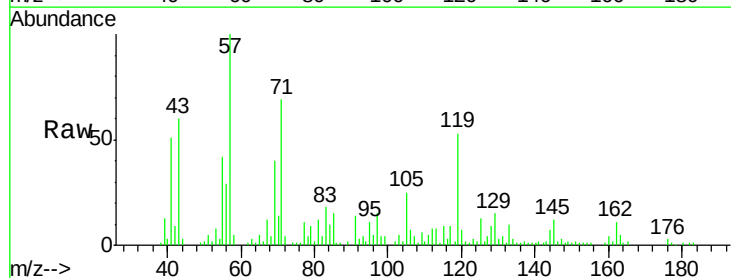
Instrument :
BNA_F
ClientSampleId :

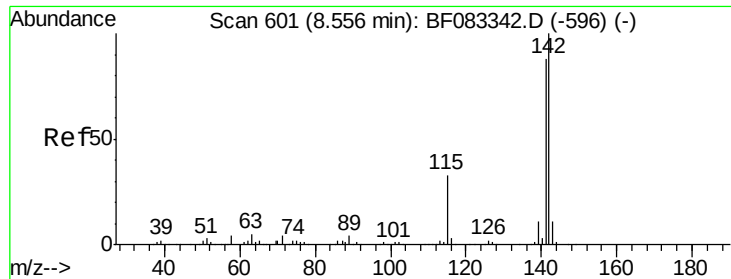
Tot Ion:127	Resp:	910960
Ion Ratio	Lower	Upper
127	100	
129	87.5	27.0 40.4#
65	0.0	25.9 38.9#
92	0.4	15.8 23.8#



#35
Caprolactam
Concen: 2.34 ng
RT: 8.27 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:113	Resp:	7983
Ion Ratio	Lower	Upper
113	100	
55	492.2	211.6 251.6#
56	341.6	153.0 193.0#

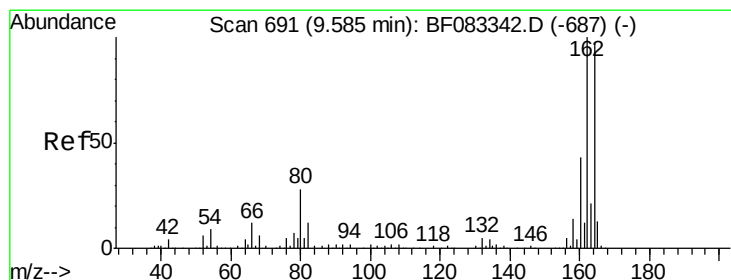
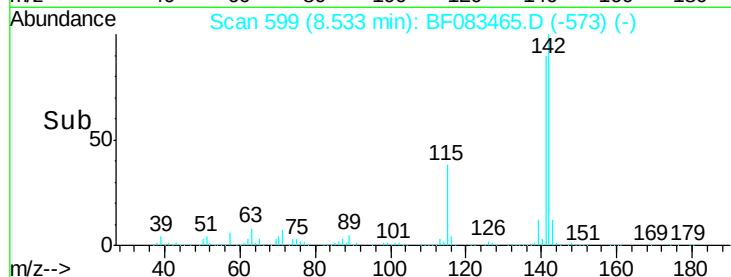
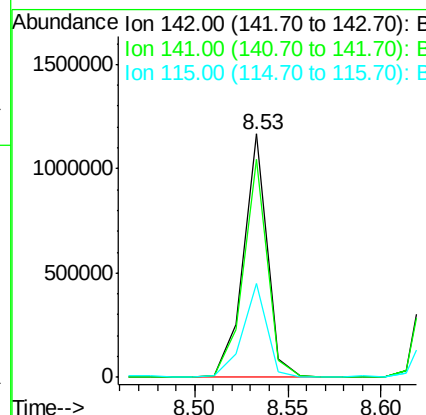
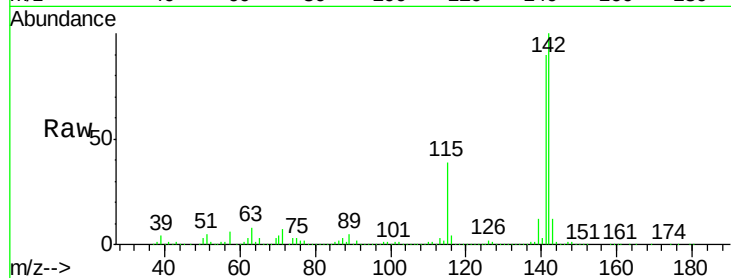




#37
2-Methylnaphthalene
Concen: 42.86 ng
RT: 8.53 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

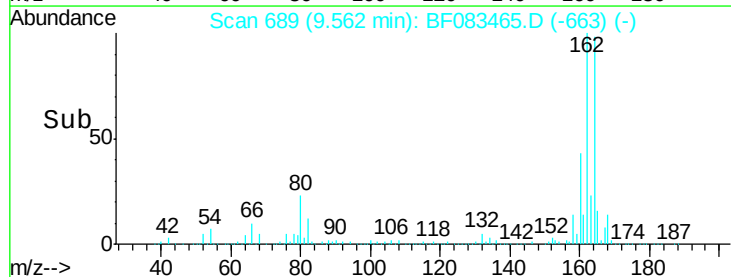
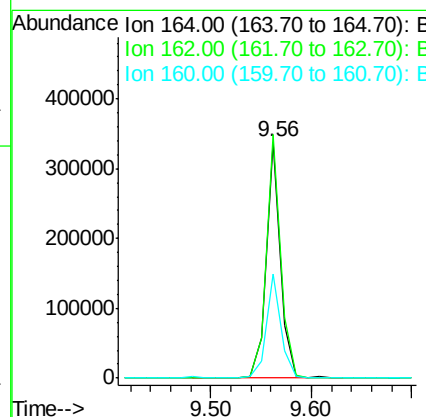
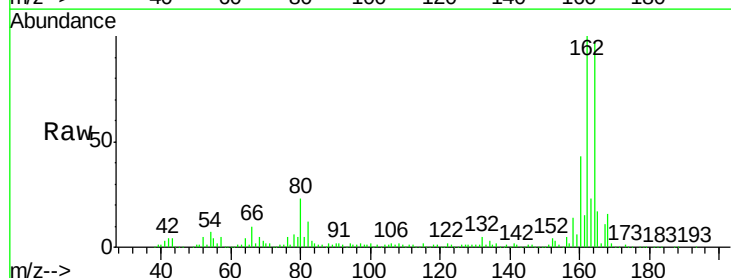
Instrument :
BNA_F
ClientSampleId :

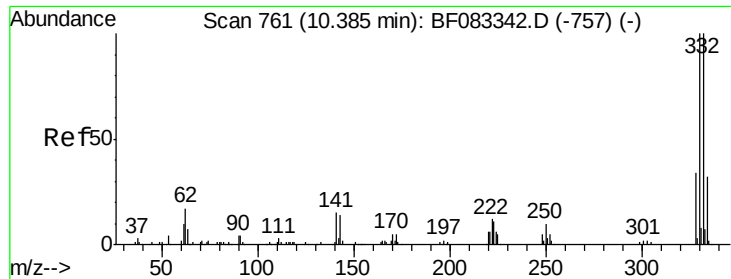
Tot Ion:142 Resp: 1048051
Ion Ratio Lower Upper
142 100
141 89.7 70.6 105.8
115 38.5 26.2 39.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:164 Resp: 328985
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.0 35.3 52.9

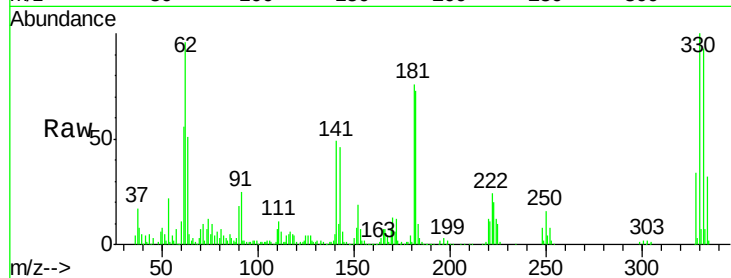




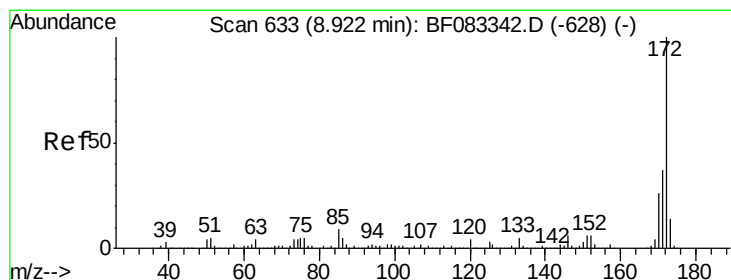
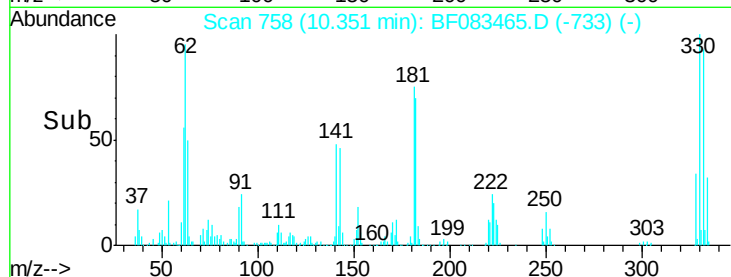
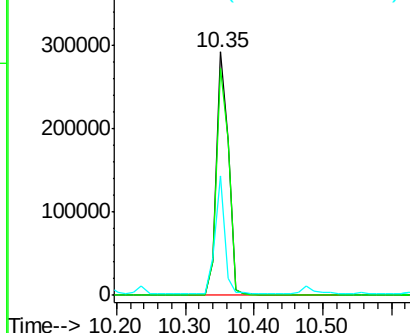
#41
 2,4,6-Tribromophenol
 Concen: 110.87 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	39.8	29.4	44.0

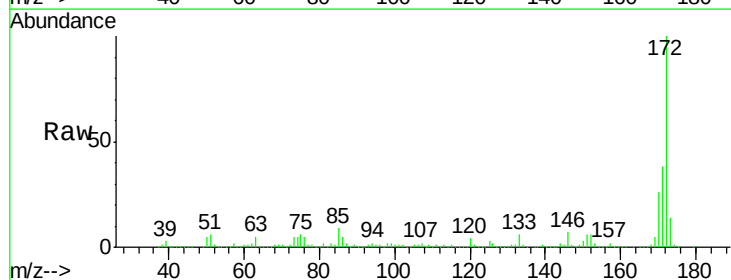


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

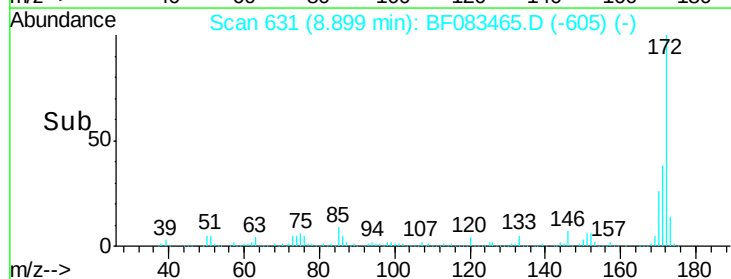
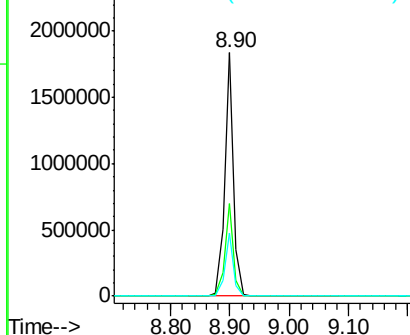


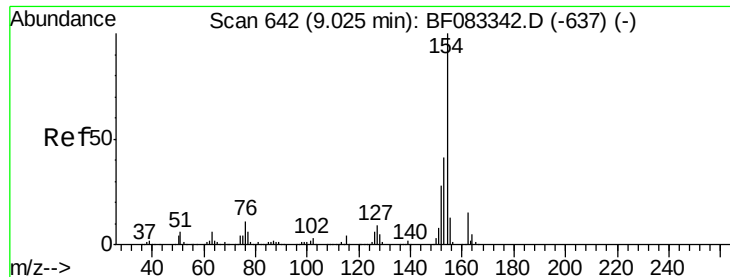
#44
 2-Fluorobiphenyl
 Concen: 81.89 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.0
170	25.8	20.4	30.6



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





#45

1,1'-Biphenyl

Concen: 14.26 ng

RT: 8.99 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampleId :

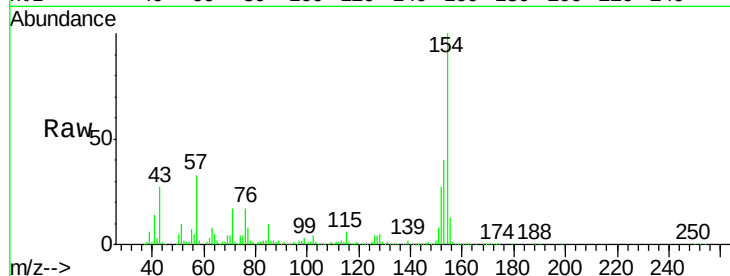
Tot Ion:154 Resp: 411377

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

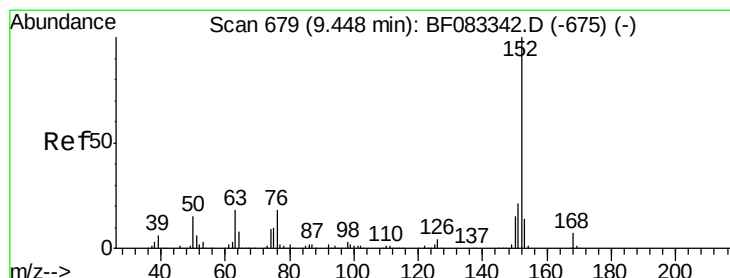
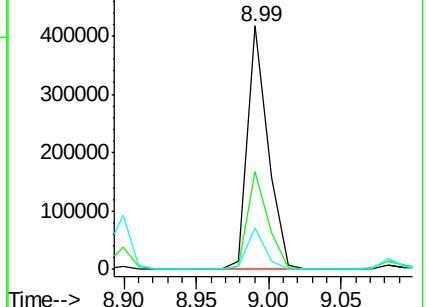
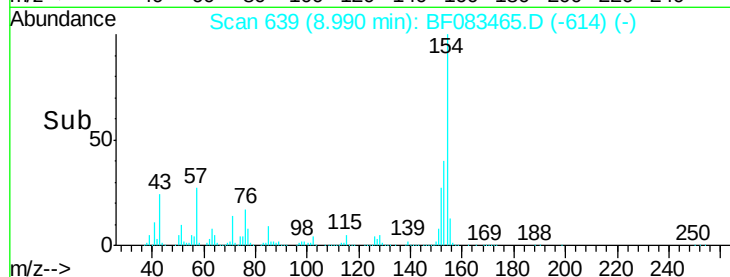
76 16.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 12.97 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

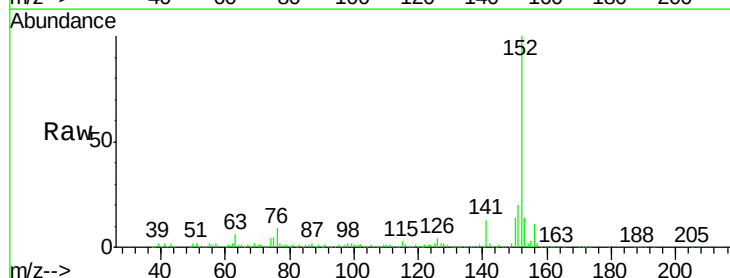
Tgt Ion:152 Resp: 454673

Ion Ratio Lower Upper

152 100

151 19.8 16.7 25.1

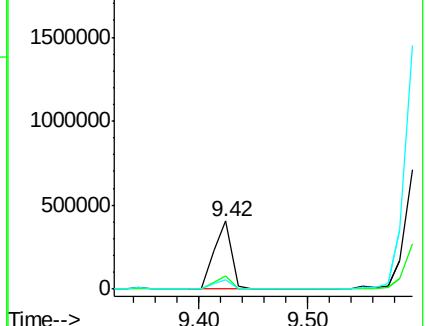
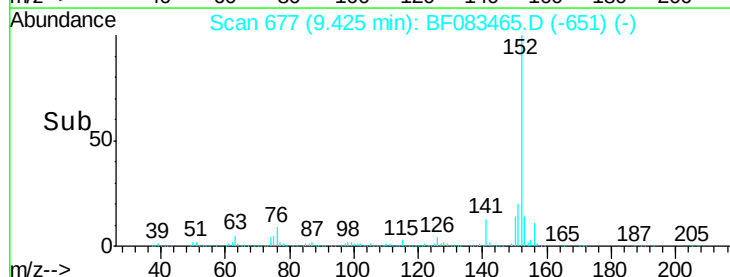
153 14.0 11.2 16.8

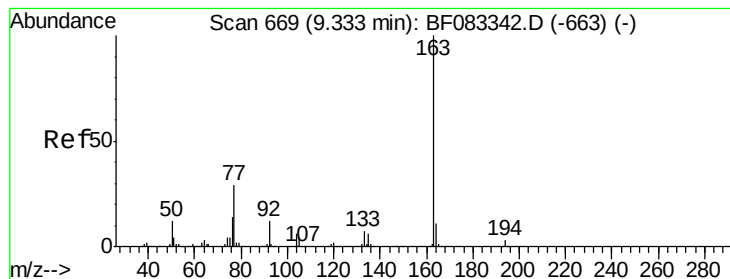


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 11.30 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampleId :

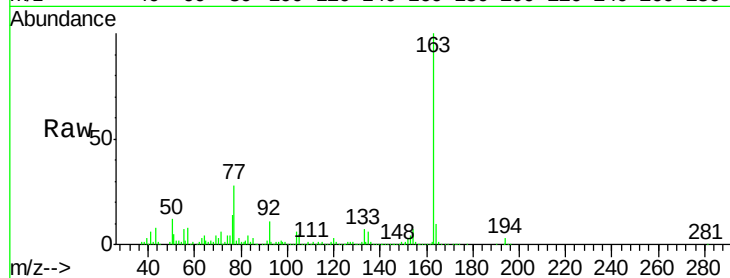
Tot Ion:163 Resp: 302049

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

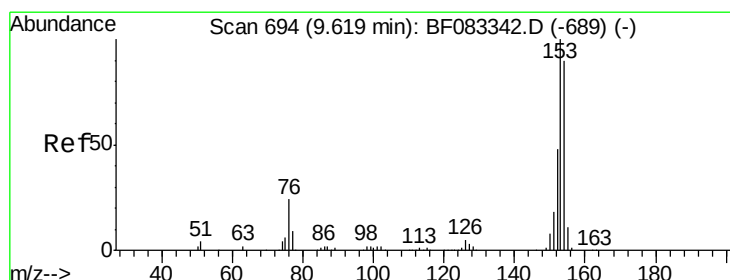
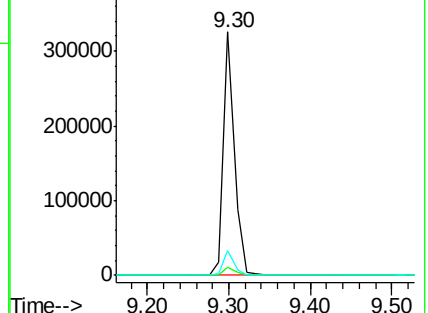
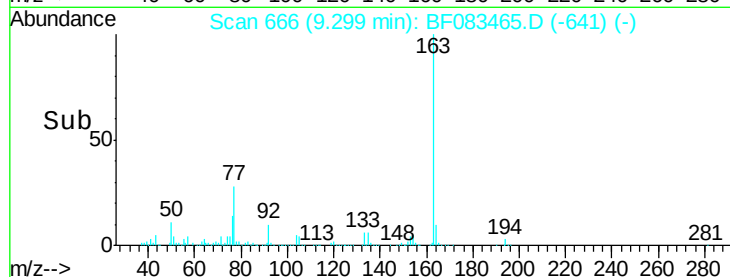
164 10.3 8.8 13.2



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



#51

Acenaphthene

Concen: 115.62 ng

RT: 9.61 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

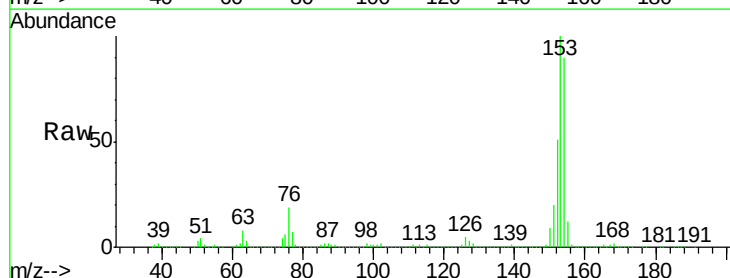
Tgt Ion:154 Resp: 2384946

Ion Ratio Lower Upper

154 100

153 111.3 89.3 133.9

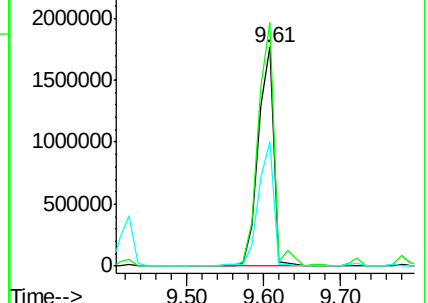
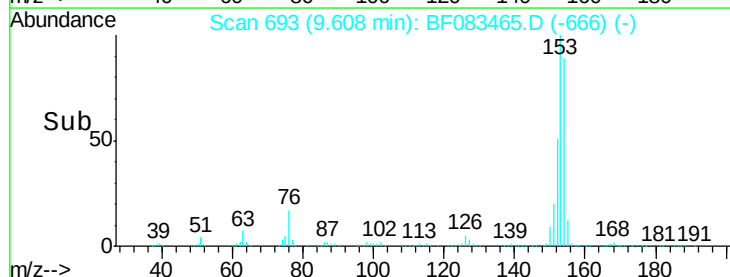
152 56.8 42.5 63.7

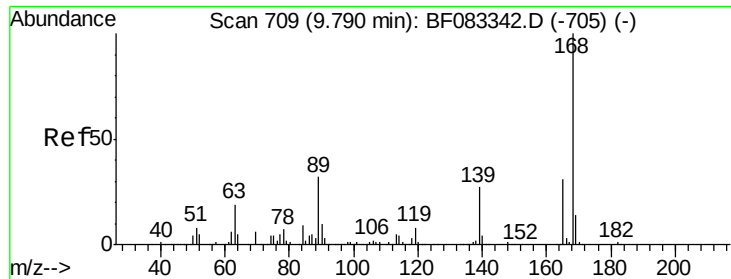


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

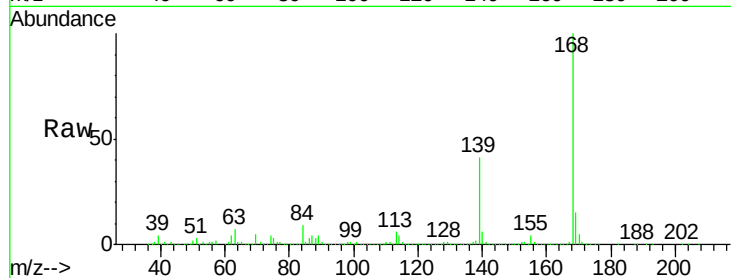




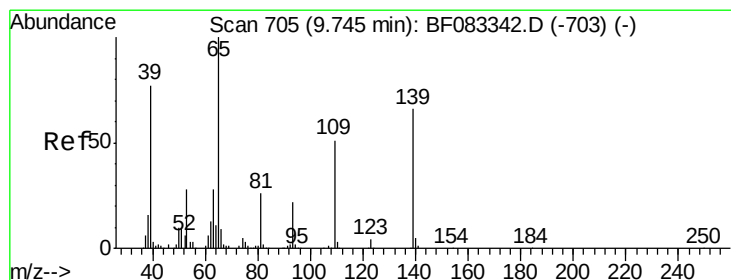
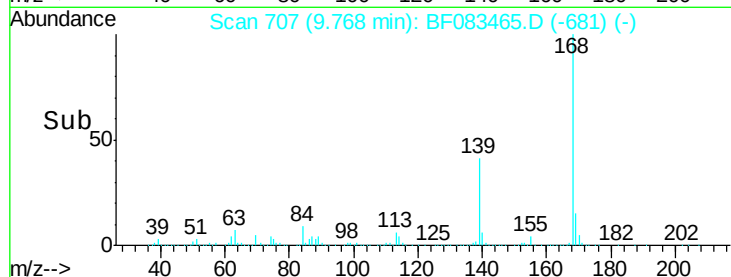
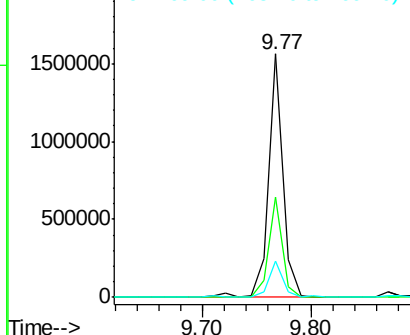
#54
Dibenzofuran
Concen: 48.07 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1452972
Ion Ratio Lower Upper
168 100
139 41.0 32.7 49.1
169 15.1 11.1 16.7

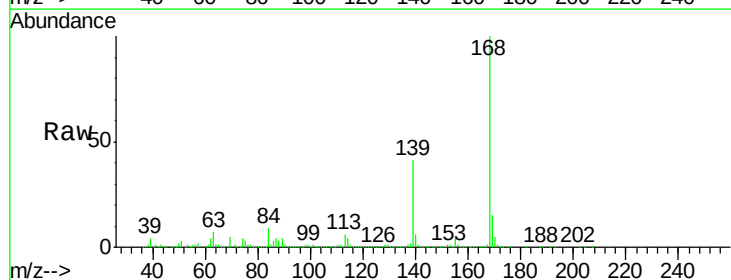


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

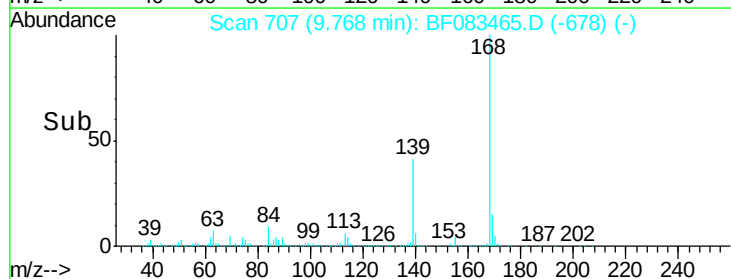
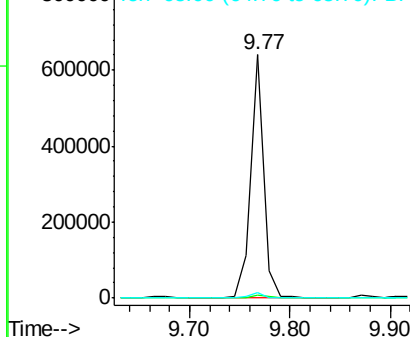


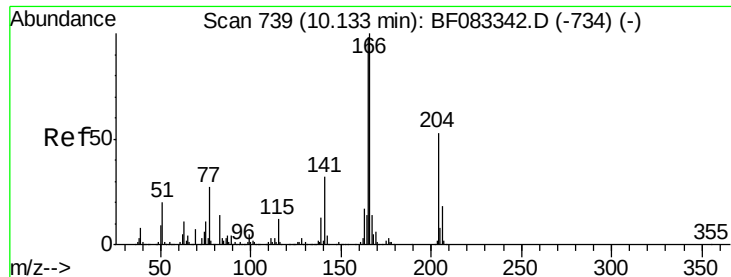
#55
4-Nitrophenol
Concen: 136.96 ng
RT: 9.77 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:139 Resp: 573304
Ion Ratio Lower Upper
139 100
109 1.1 57.4 97.4#
65 2.2 131.6 171.6#



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

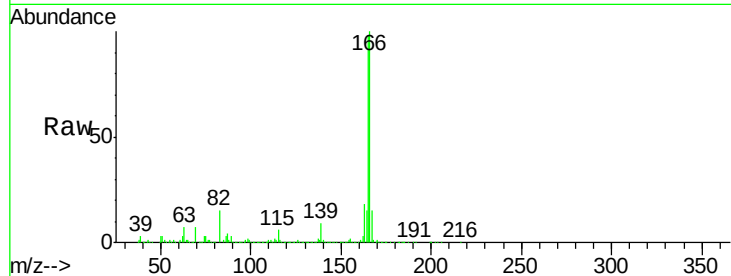




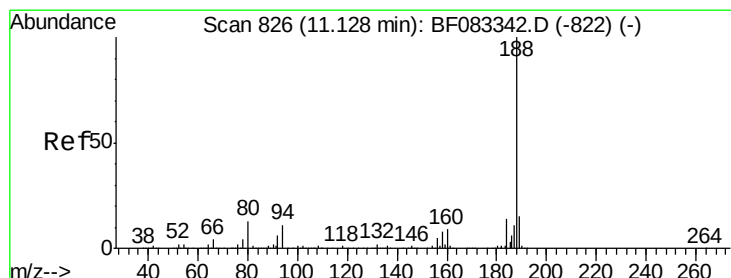
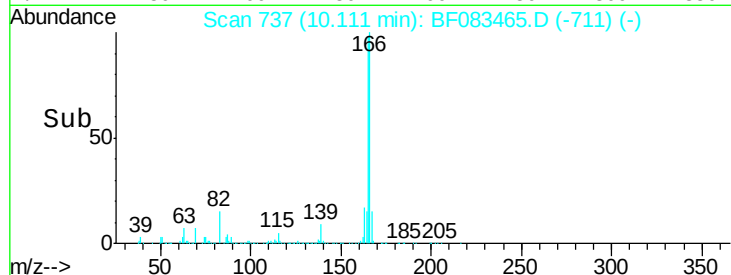
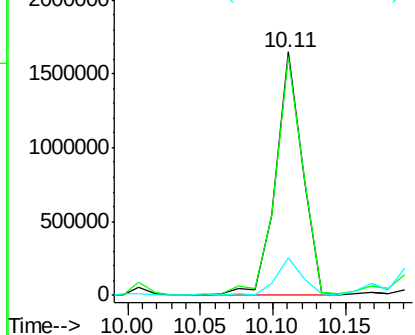
#57
Fluorene
Concen: 87.87 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 2097330
Ion Ratio Lower Upper
166 100
165 98.2 78.3 117.5
167 15.4 11.1 16.7

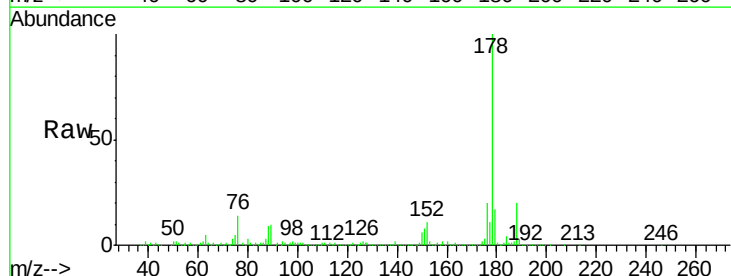


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

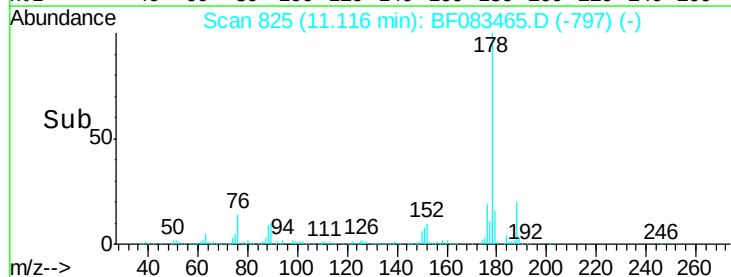
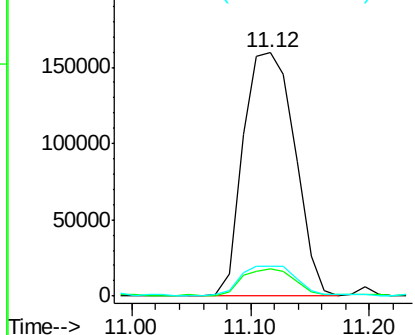


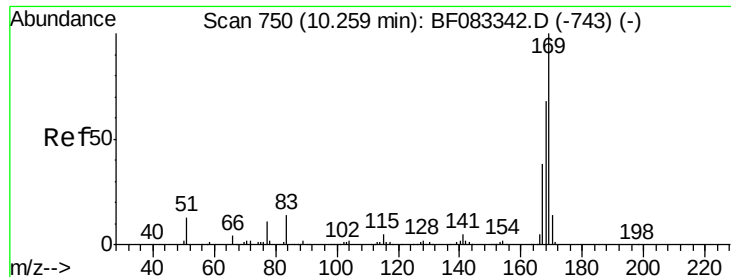
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. 0.02 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:188 Resp: 481555
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.4 10.3 15.5



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: 2.78 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampled :

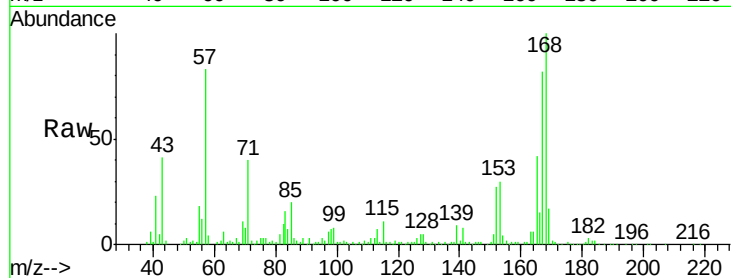
Tot Ion:169 Resp: 47046

Ion Ratio Lower Upper

169 100

168 600.7 54.8 82.2#

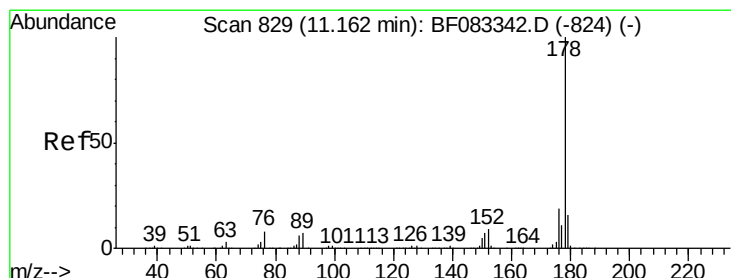
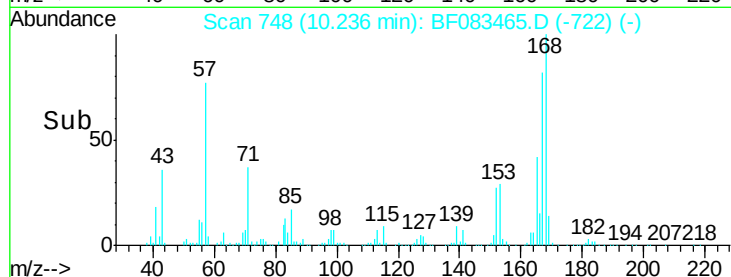
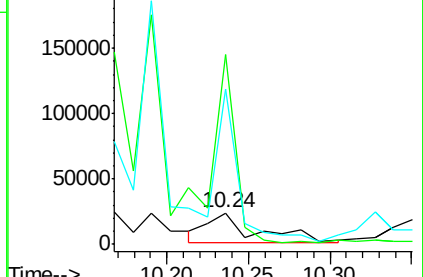
167 491.8 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 195.89 ng

RT: 11.23 min Scan# 835

Delta R.T. 0.10 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

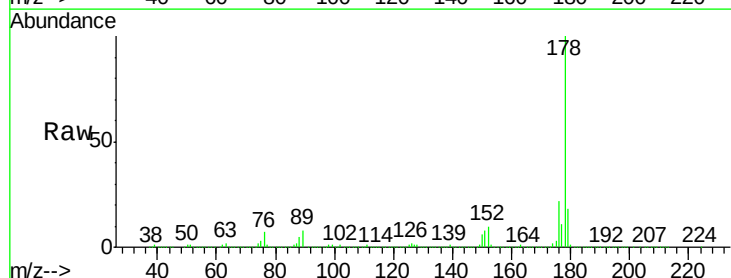
Tgt Ion:178 Resp: 5582489

Ion Ratio Lower Upper

178 100

176 22.4 15.3 22.9

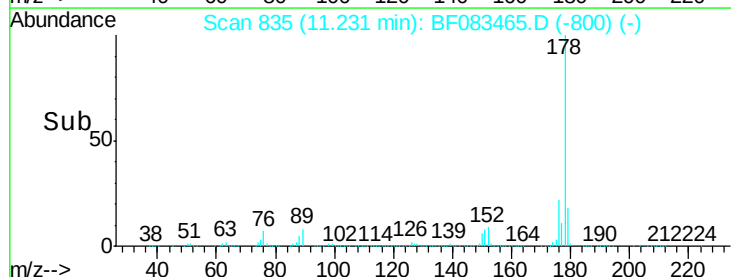
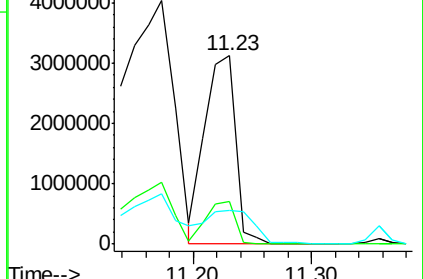
179 17.9 12.4 18.6

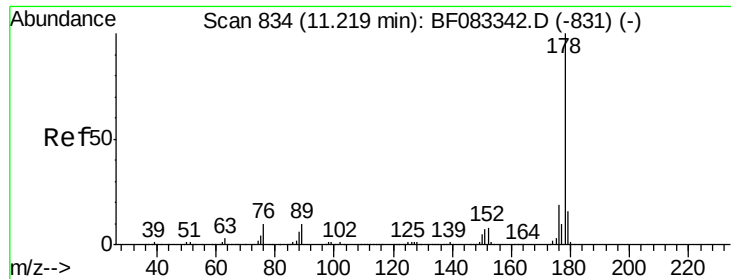


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

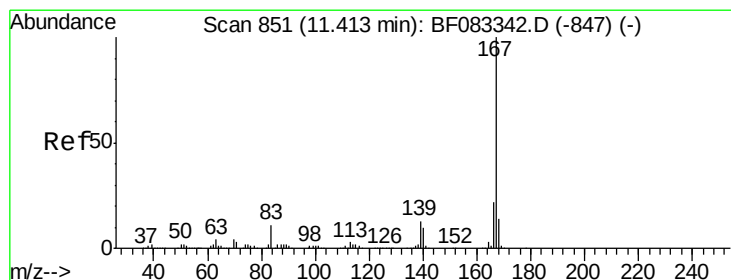
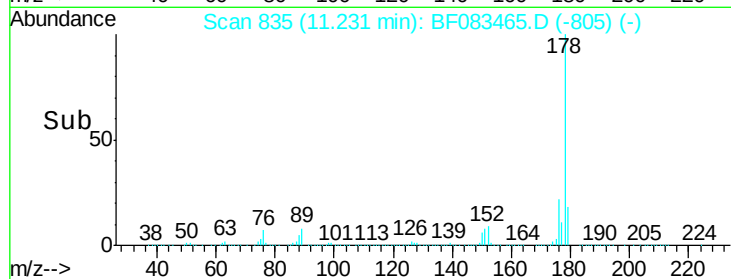
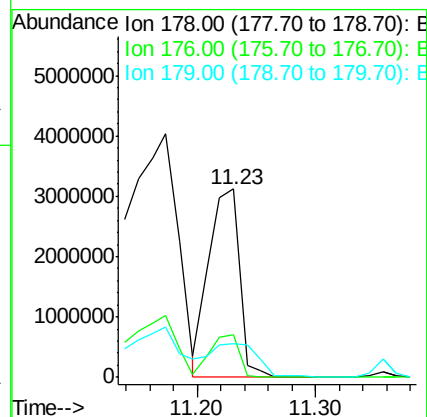
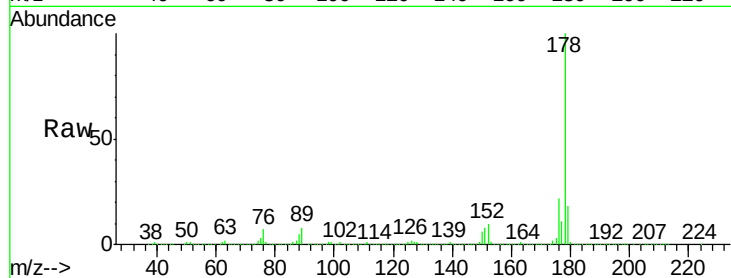




#71
 Anthracene
 Concen: 194.58 ng
 RT: 11.23 min Scan# 835
 Delta R.T. 0.05 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

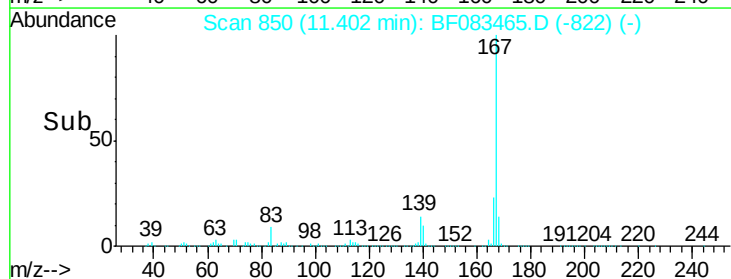
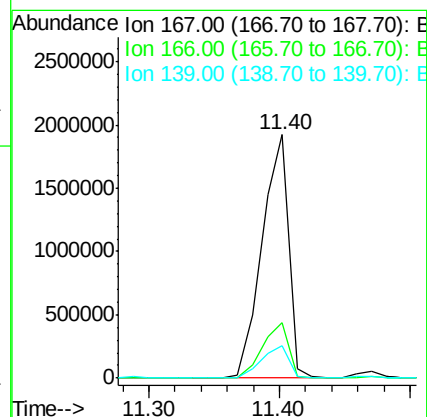
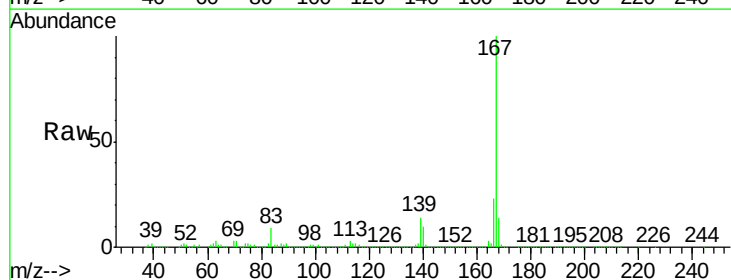
Instrument :
 BNA_F
 ClientSampleId :

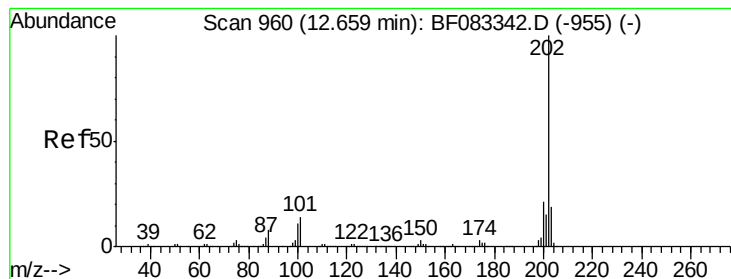
Tot Ion:178 Resp: 5582489
 Ion Ratio Lower Upper
 178 100
 176 22.4 15.6 23.4
 179 17.9 12.8 19.2



#72
 Carbazole
 Concen: 106.05 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.02 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

Tgt Ion:167 Resp: 2733759
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.4 26.0
 139 13.6 10.5 15.7





#74

Fluoranthene

Concen: 518.66 ng

RT: 12.71 min Scan# 964

Delta R.T. 0.08 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampled :

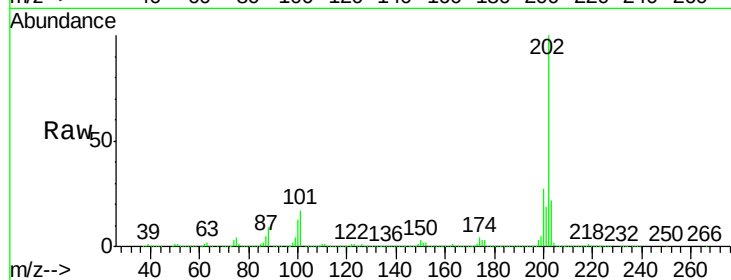
Tot Ion:202 Resp:15321473

Ion Ratio Lower Upper

202 100

101 17.4 0.0 34.5

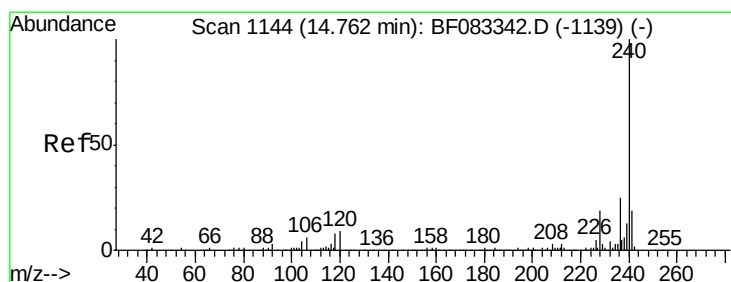
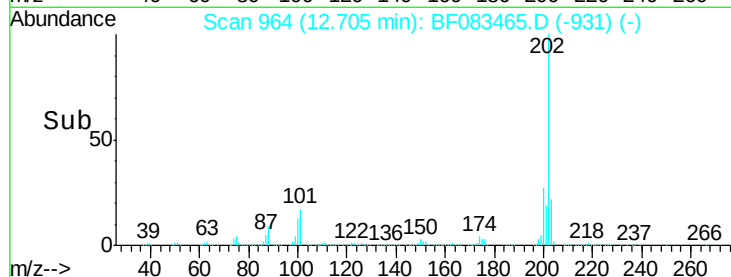
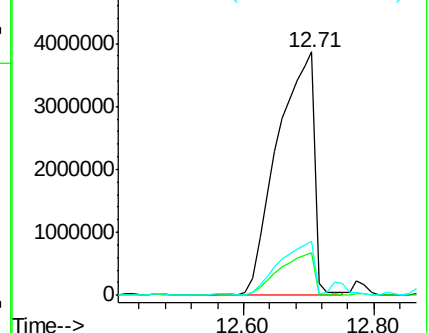
203 22.2 0.0 38.7



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: 14.77 min Scan# 1145

Delta R.T. 0.06 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

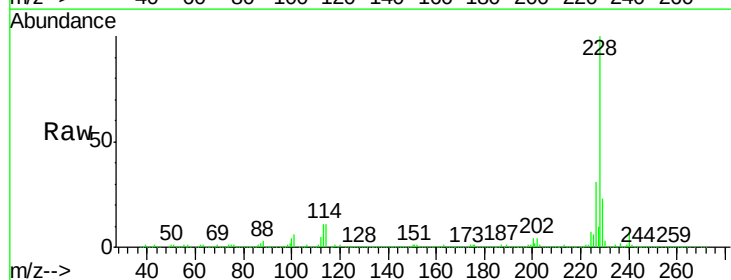
Tgt Ion:240 Resp: 302380

Ion Ratio Lower Upper

240 100

120 14.9 6.9 10.3#

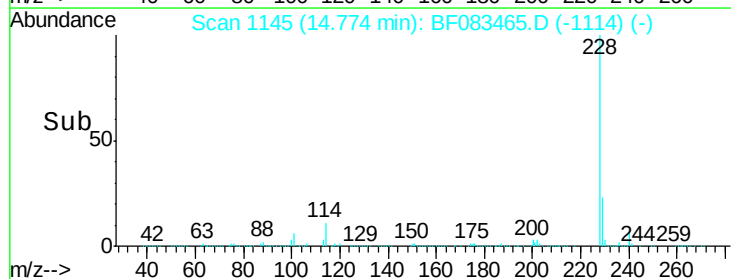
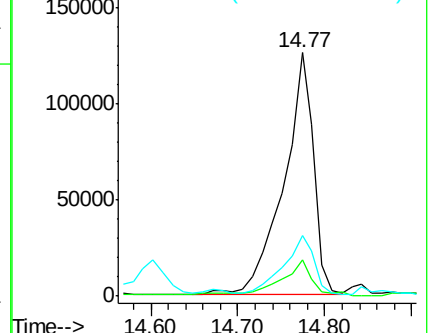
236 25.1 19.8 29.6

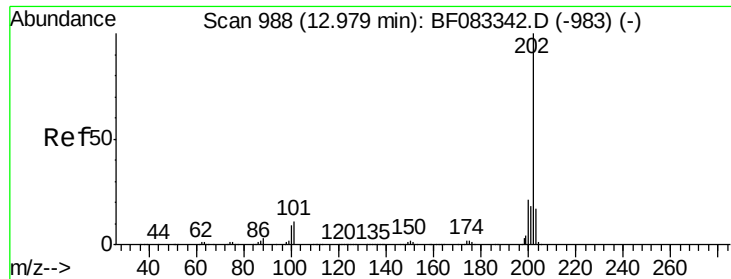


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 668.94 ng

RT: 13.03 min Scan# 992

Delta R.T. 0.09 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

Instrument :

BNA_F

ClientSampleId :

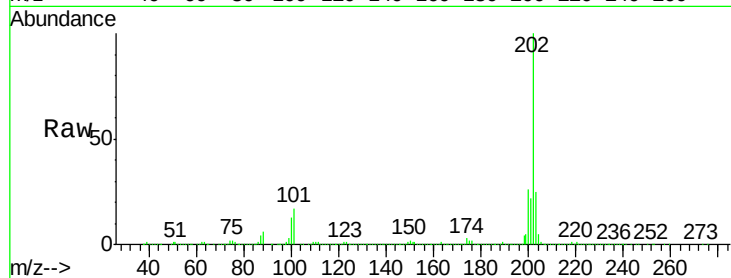
Tot Ion:202 Resp:14126306

Ion Ratio Lower Upper

202 100

200 26.4 16.9 25.3#

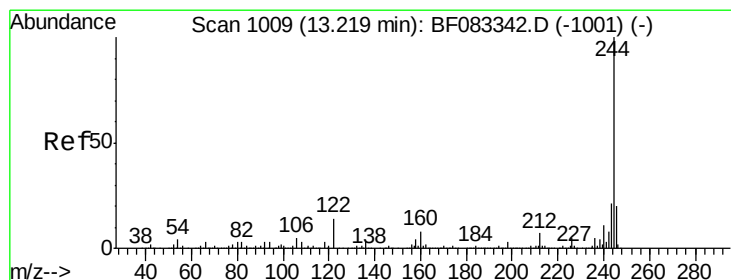
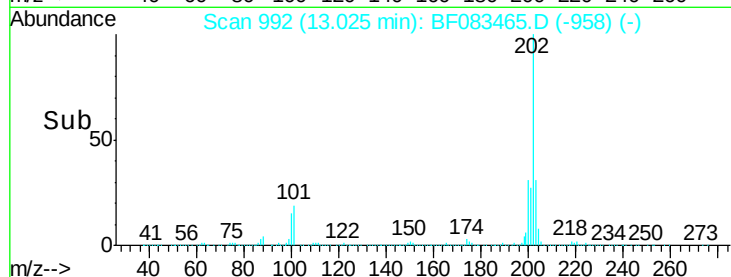
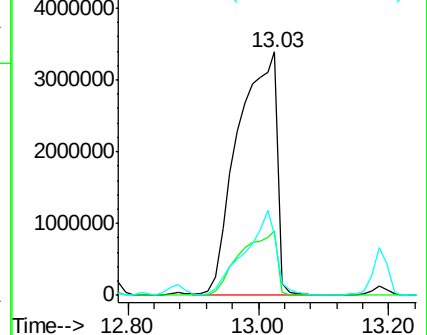
203 25.0 13.9 20.9#



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: 116.15 ng

RT: 13.20 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF083465.D

Acq: 3 Dec 2015 17:41

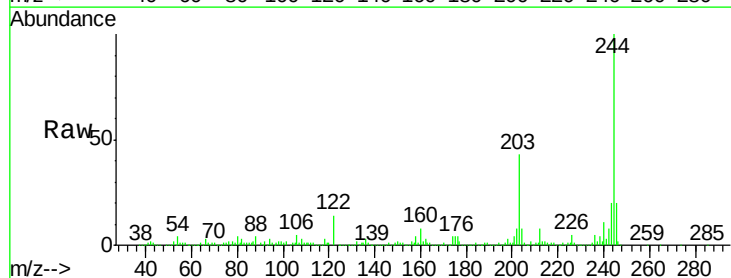
Tgt Ion:244 Resp: 1472683

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

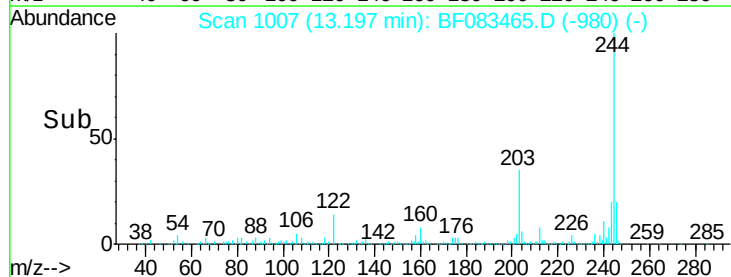
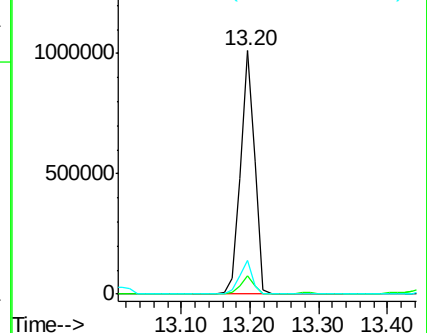
122 13.9 11.0 16.4

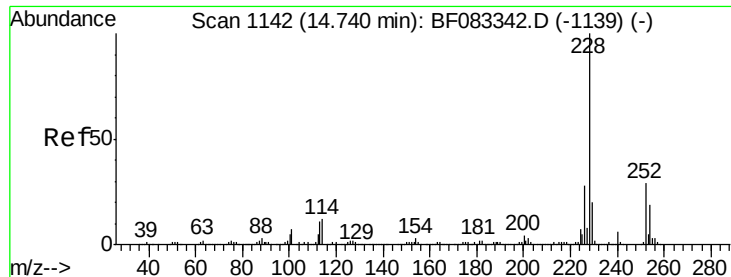


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

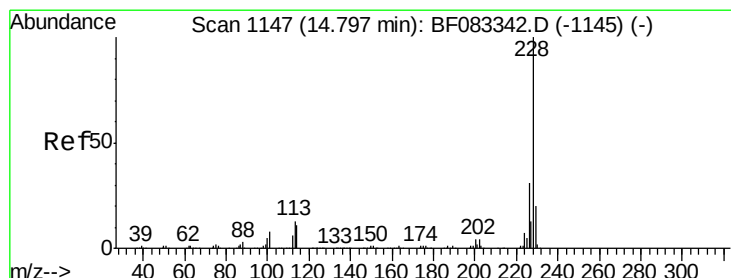
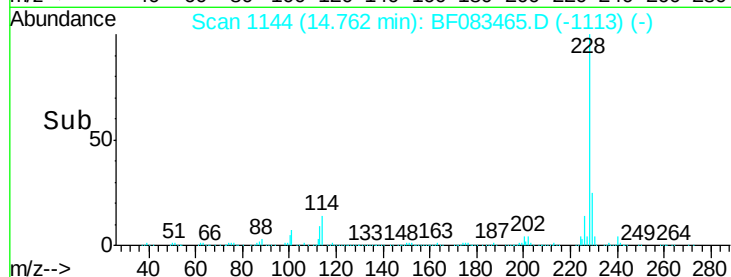
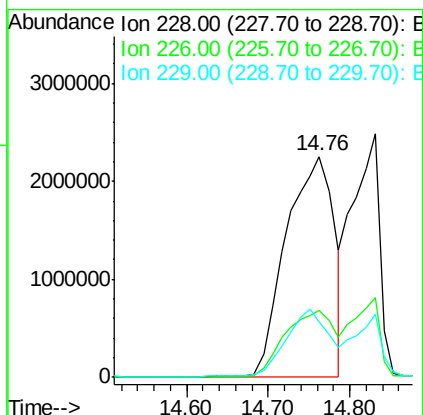
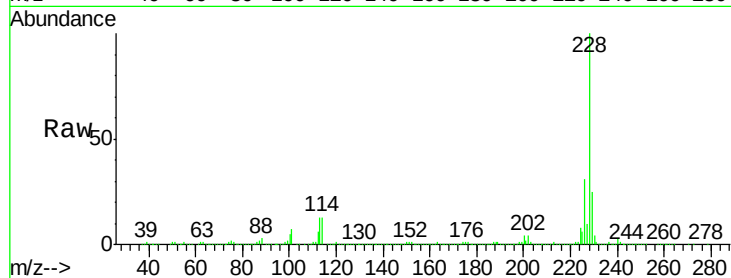




#80
Benzo(a)anthracene
Concen: 495.79 ng
RT: 14.76 min Scan# 1144
Delta R.T. 0.06 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

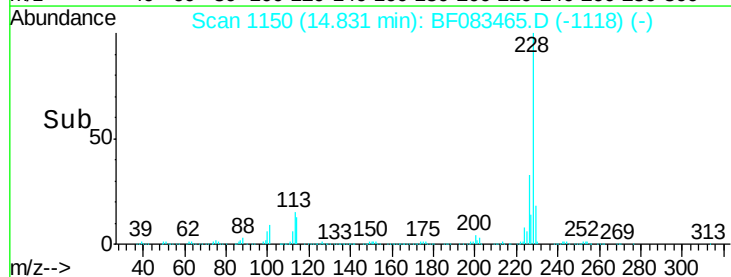
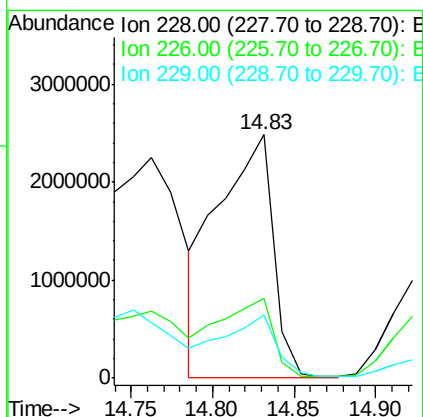
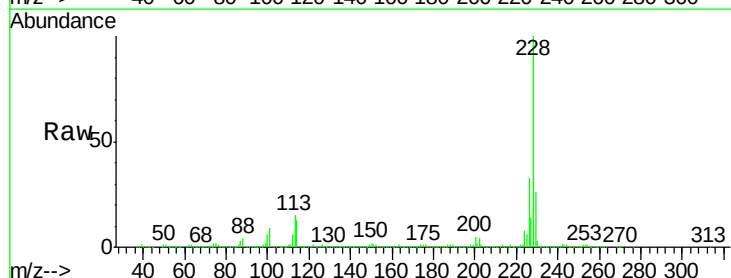
Instrument :
BNA_F
ClientSampleId :

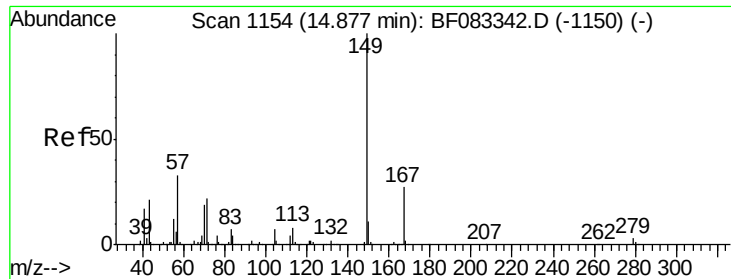
Tot Ion:228 Resp: 9184665
Ion Ratio Lower Upper
228 100
226 30.6 22.2 33.4
229 25.0 16.1 24.1#



#82
Chrysene
Concen: 329.87 ng
RT: 14.83 min Scan# 1150
Delta R.T. 0.07 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:228 Resp: 5904163
Ion Ratio Lower Upper
228 100
226 32.9 24.6 37.0
229 25.9 16.2 24.2#

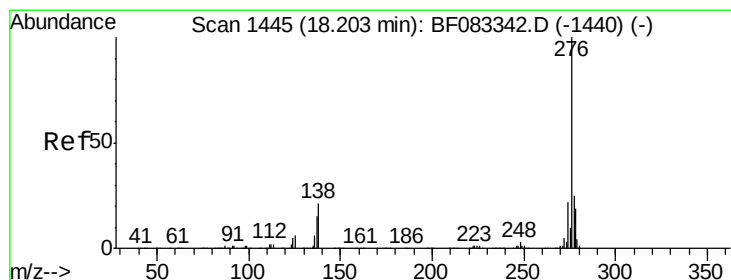
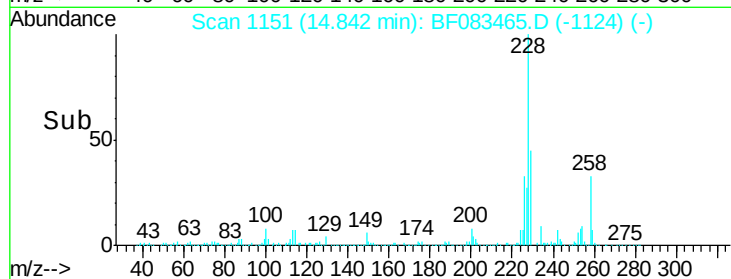
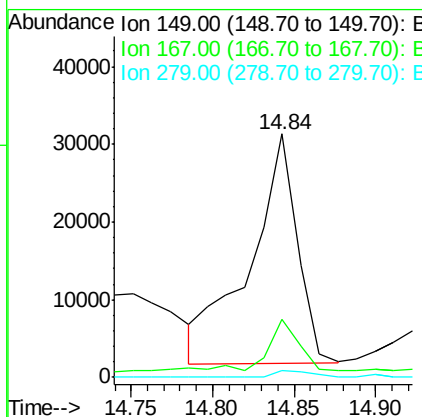
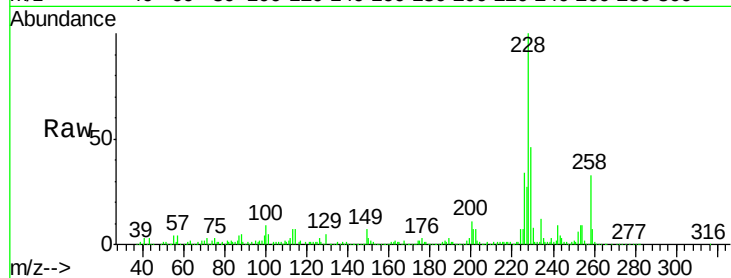




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.99 ng
 RT: 14.84 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

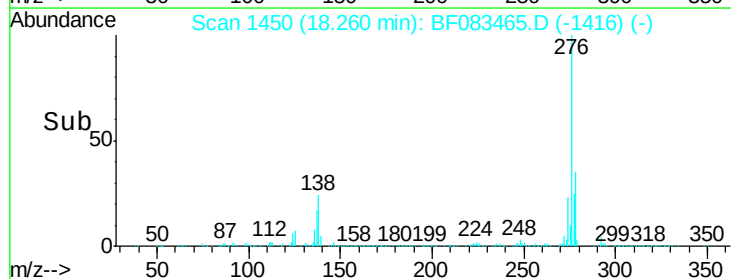
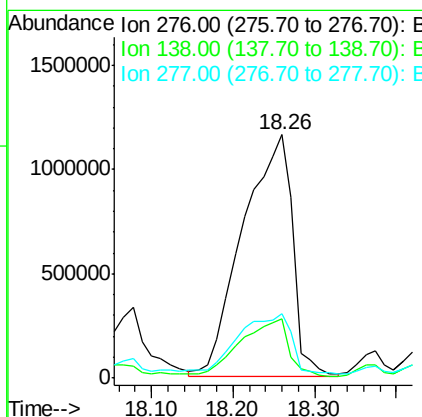
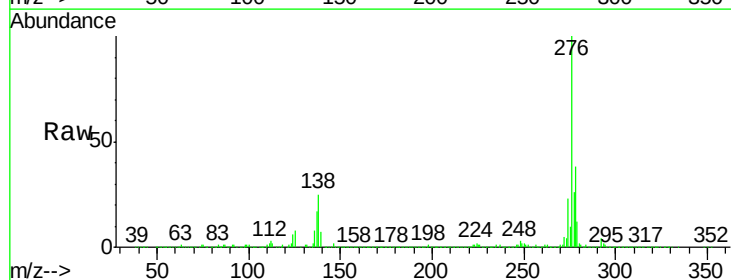
Instrument :
 BNA_F
 ClientSampleId :

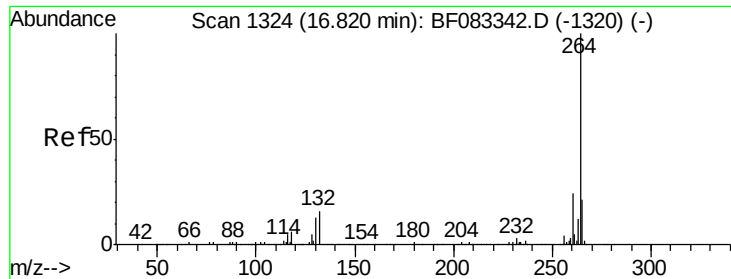
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.5	32.3
279	3.0	2.6	3.8



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 375.66 ng
 RT: 18.26 min Scan# 1450
 Delta R.T. 0.09 min
 Lab File: BF083465.D
 Acq: 3 Dec 2015 17:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.2	31.8
277	26.5	20.0	30.0

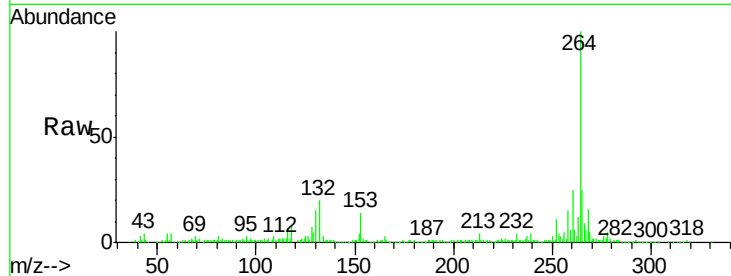




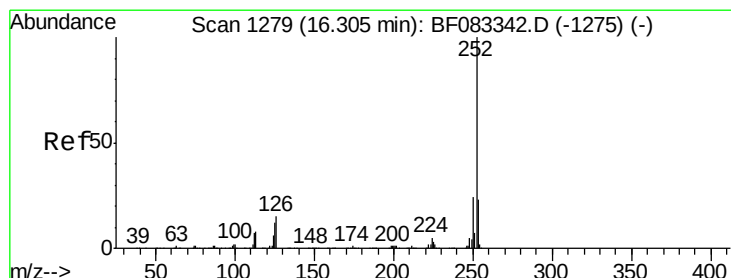
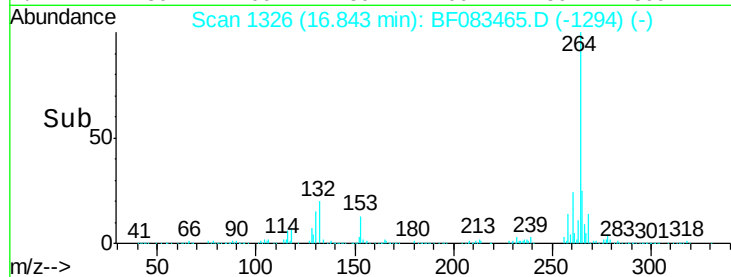
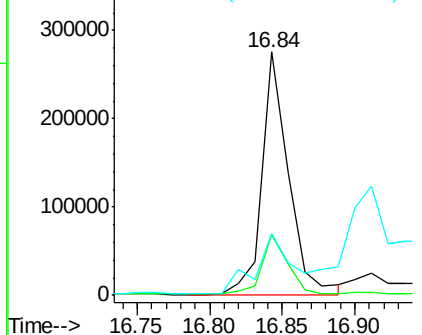
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.84 min Scan# 1326
Delta R.T. 0.07 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 348104
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.4
265 25.3 16.8 25.2#

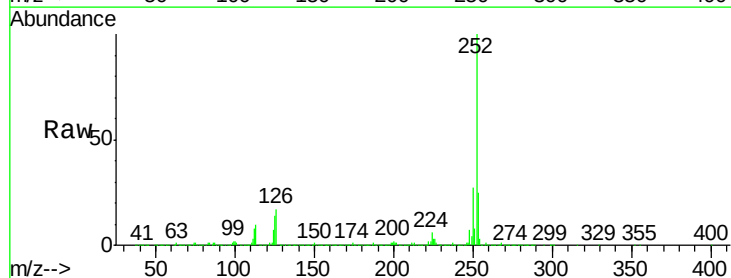


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

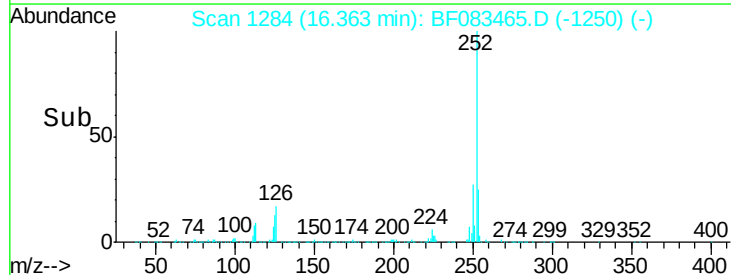
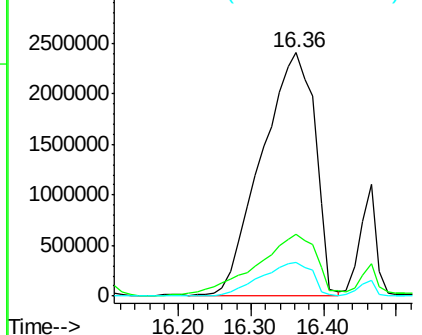


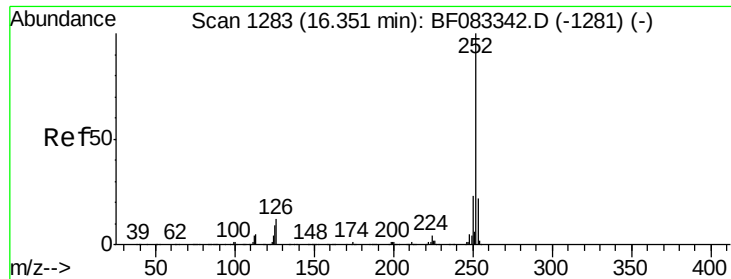
#87
Benzo(b)fluoranthene
Concen: 546.82 ng
RT: 16.36 min Scan# 1284
Delta R.T. 0.09 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:252 Resp:12213894
Ion Ratio Lower Upper
252 100
253 25.5 18.4 27.6
125 13.6 9.6 14.4



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

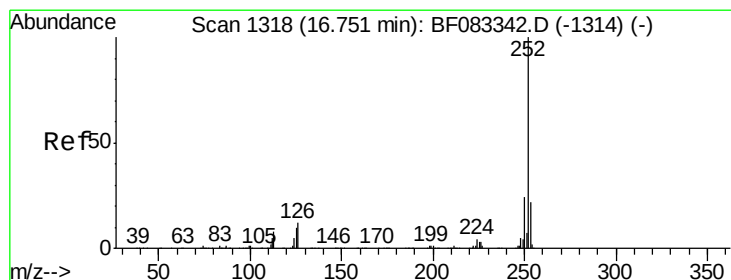
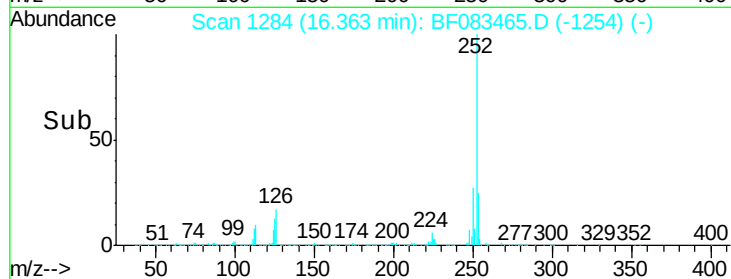
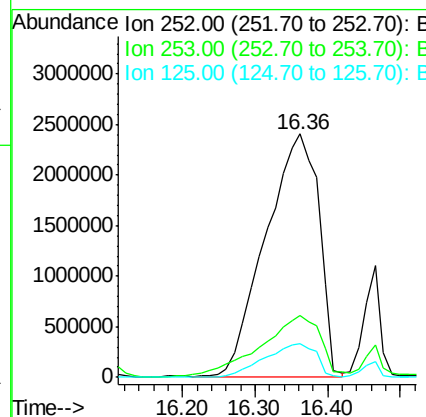
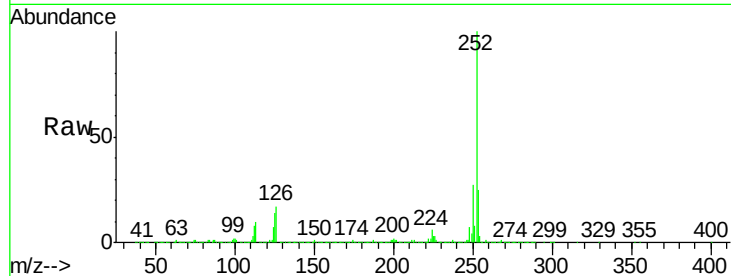




#88
Benzo(k)fluoranthene
Concen: 579.10 ng
RT: 16.36 min Scan# 1284
Delta R.T. 0.05 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

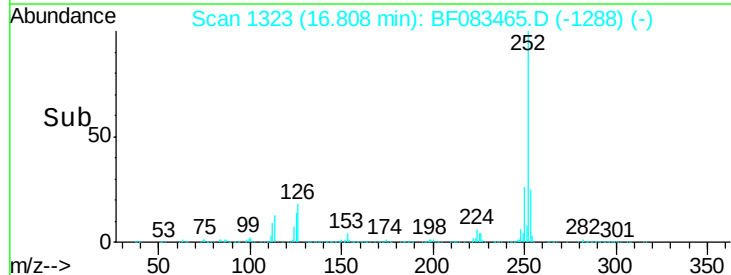
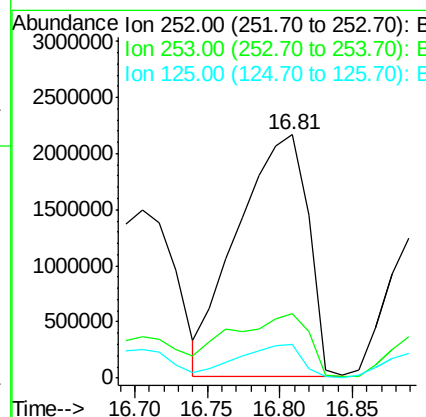
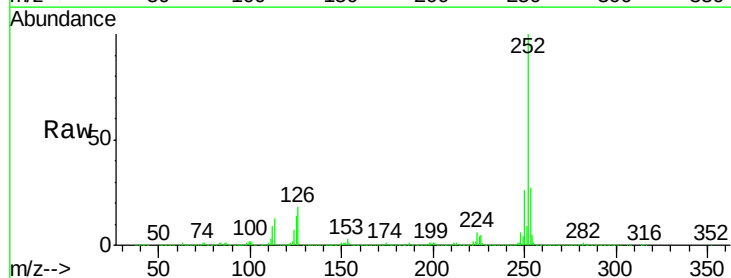
Instrument :
BNA_F
ClientSampleId :

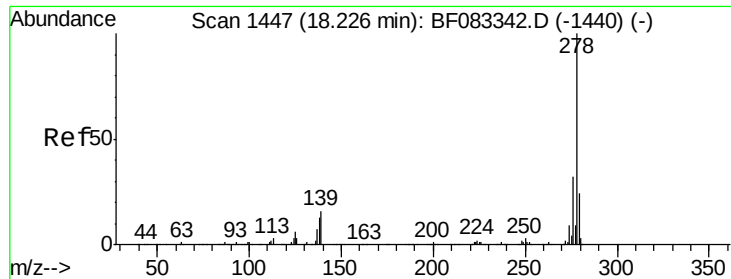
Tot Ion:252 Resp:12213894
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.0
125 13.6 7.5 11.3#



#89
Benzo(a)pyrene
Concen: 379.79 ng
RT: 16.81 min Scan# 1323
Delta R.T. 0.10 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:252 Resp: 7286263
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 13.7 7.8 11.8#

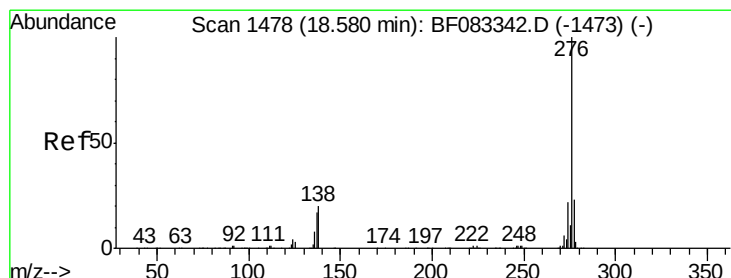
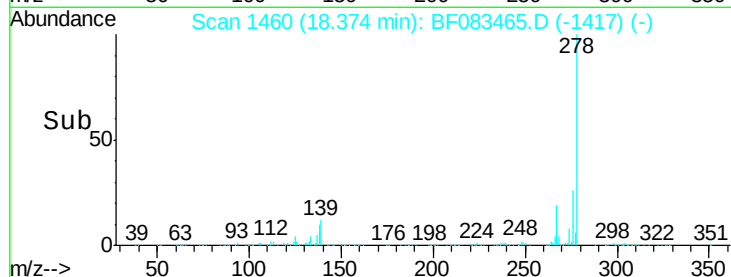
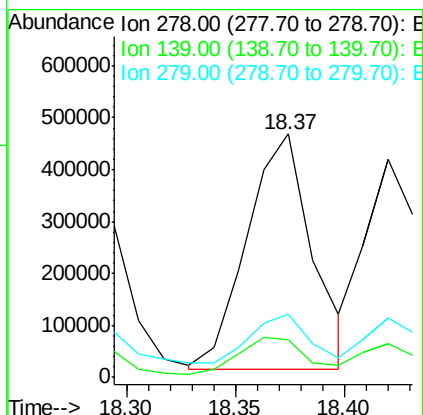
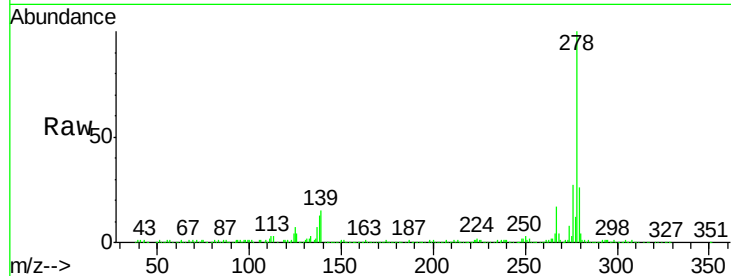




#90
Dibenzo(a,h)anthracene
Concen: 56.99 ng
RT: 18.37 min Scan# 1460
Delta R.T. 0.19 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 952729
Ion Ratio Lower Upper
278 100
139 15.2 13.1 19.7
279 25.9 19.2 28.8



#91
Benzo(g,h,i)perylene
Concen: 272.90 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.10 min
Lab File: BF083465.D
Acq: 3 Dec 2015 17:41

Tgt Ion:276 Resp: 4477389
Ion Ratio Lower Upper
276 100
277 26.1 18.6 28.0
138 23.8 16.1 24.1

