

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083079.D
 Acq On : 20 Nov 2015 13:56
 Operator : UM/IZ
 Sample : G4452-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:30:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164737	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	566420	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	290155	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	434074	20.00	ng	0.00
75) Chrysene-d12	13.85	240	365037	20.00	ng	-0.01
86) Perylene-d12	15.24	264	311689	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1193490	112.53	ng	0.01
7) Phenol-d6	6.36	99	1746711	125.04	ng	0.01
23) Nitrobenzene-d5	7.26	82	835163	67.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	203450	66.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1486209	68.99	ng	-0.01
78) Terphenyl-d14	12.81	244	1148277	74.26	ng	0.00

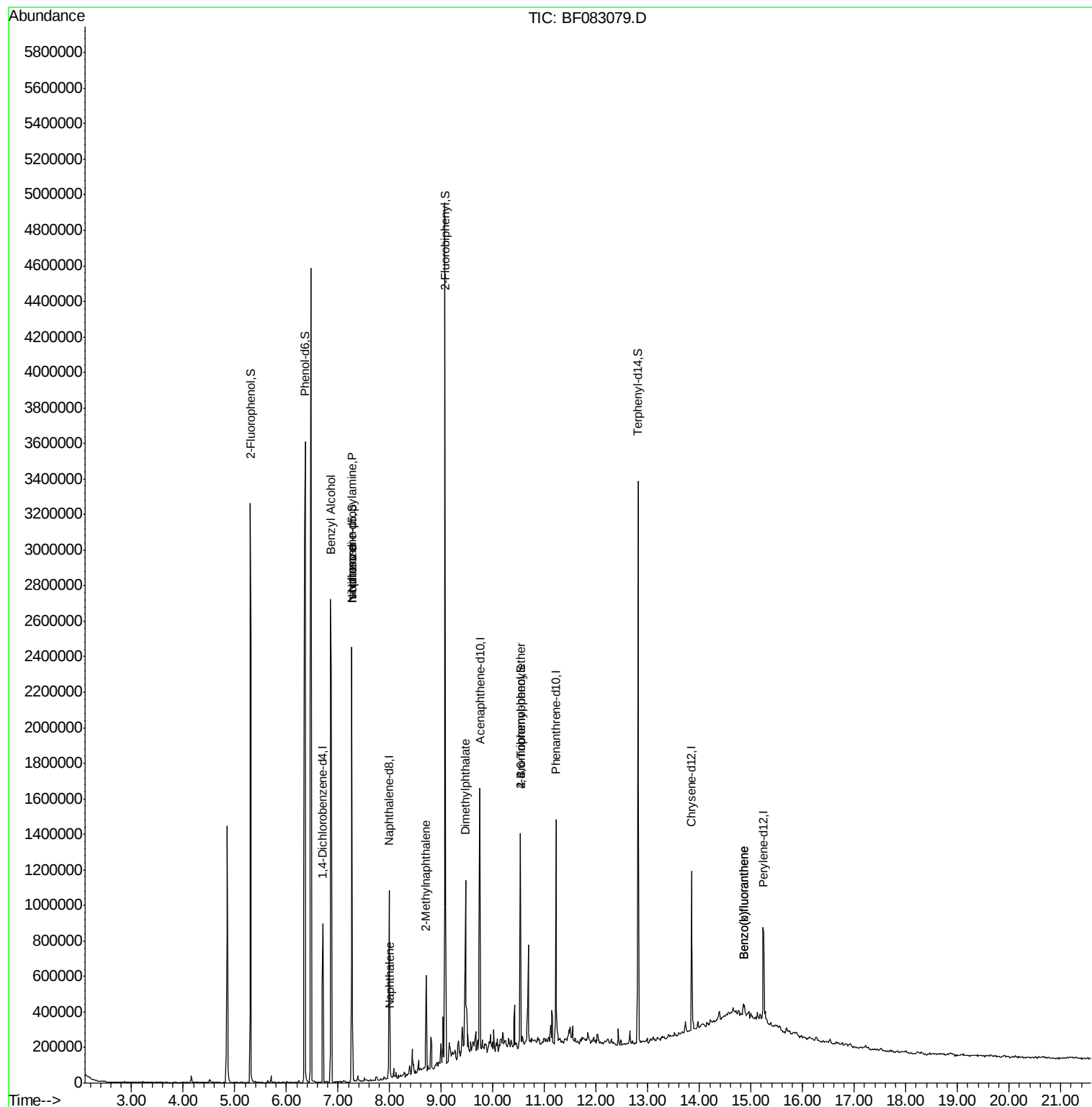
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.24	77	3593	Below Cal		93
15) Benzyl Alcohol	6.85	79	36904	3.21 ng	#	81
19) n-Nitroso-di-n-propylamine	7.26	70	118087	11.57 ng	#	74
25) Isophorone	7.26	82	677814	29.05 ng	#	69
31) Naphthalene	8.01	128	60624	2.05 ng		98
37) 2-Methylnaphthalene	8.70	142	132925	6.77 ng		98
49) Dimethylphthalate	9.47	163	392436	16.43 ng		98
66) 4-Bromophenyl-phenylether	10.53	248	12963	2.58 ng	#	1
87) Benzo(b)fluoranthene	14.85	252	45018	2.07 ng	#	88
88) Benzo(k)fluoranthene	14.85	252	45018	2.71 ng	#	88

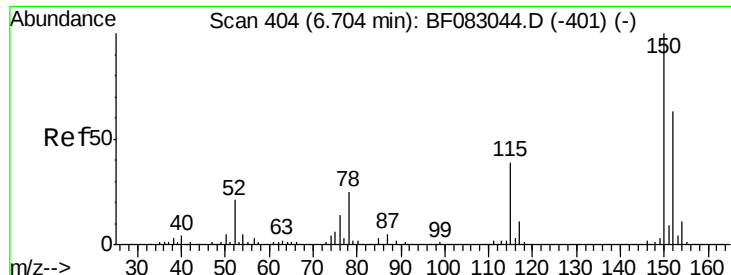
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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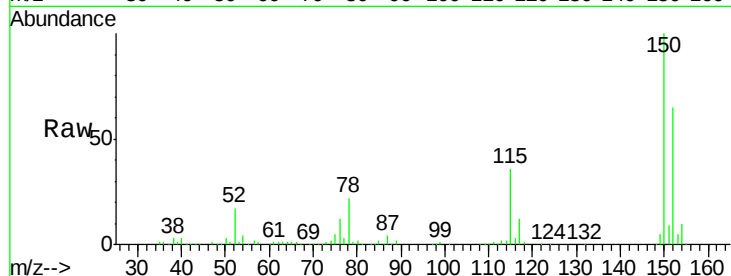


#1

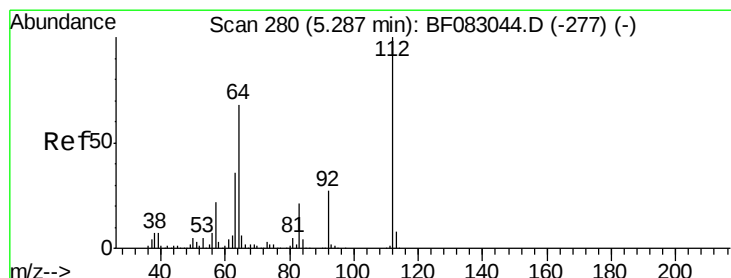
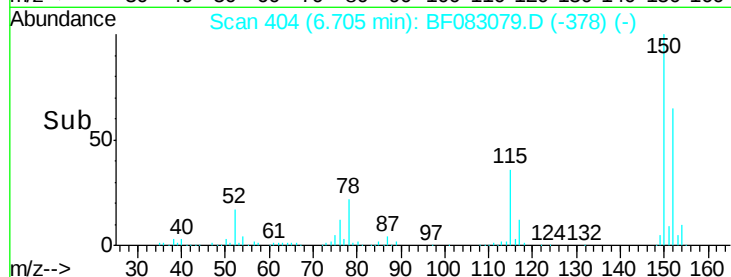
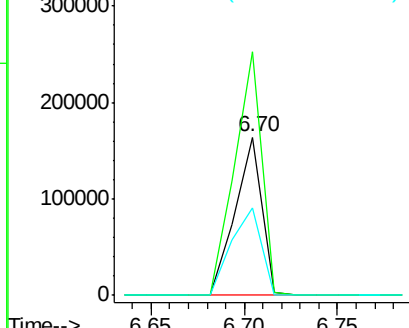
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164737
Ion Ratio Lower Upper
152 100
150 154.0 126.4 189.6
115 55.6 49.0 73.6



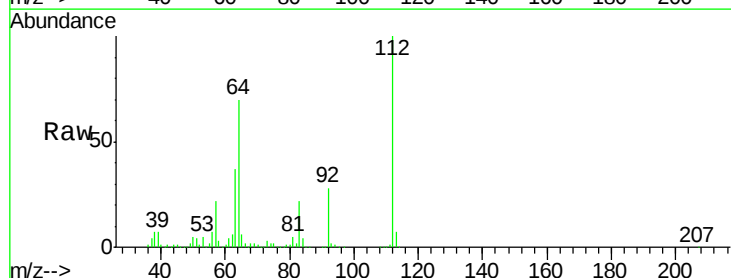
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



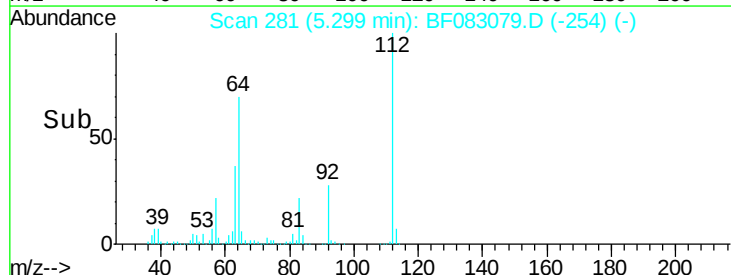
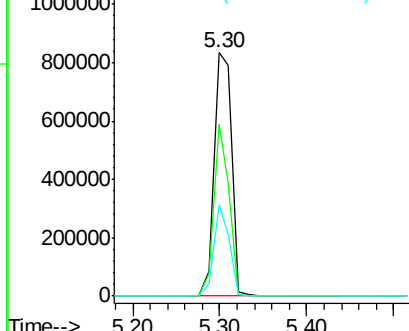
#5

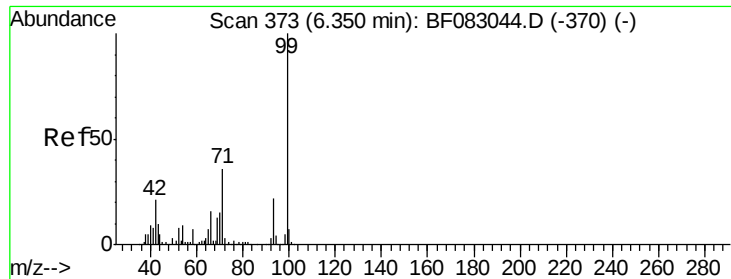
2-Fluorophenol
Concen: 112.53 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion:112 Resp: 1193490
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 37.2 29.0 43.4



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: 125.04 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

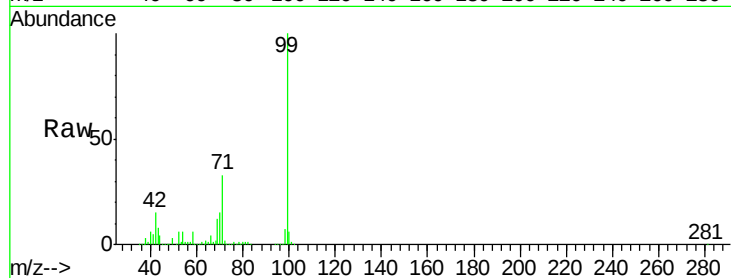
Tot Ion: 99 Resp: 1746711

Ion Ratio Lower Upper

99 100

42 15.1 16.6 25.0#

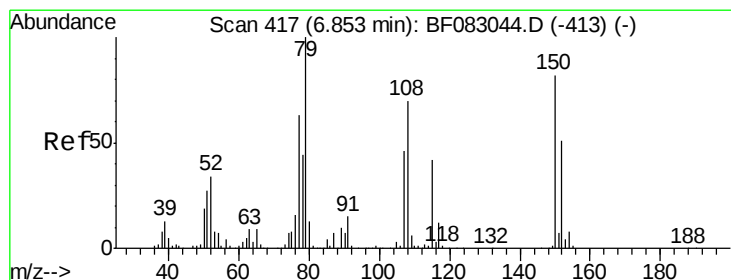
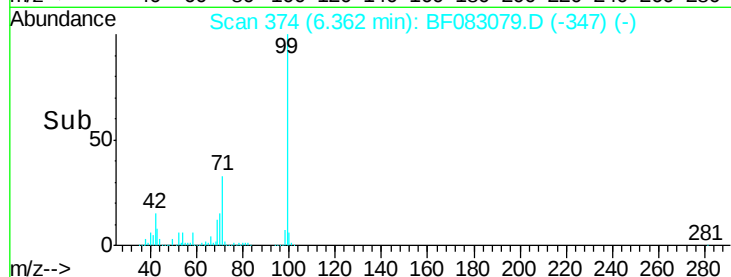
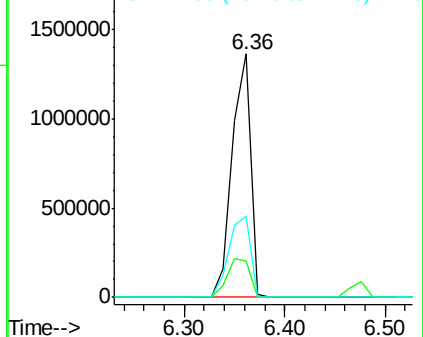
71 33.2 29.2 43.8



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: 3.21 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

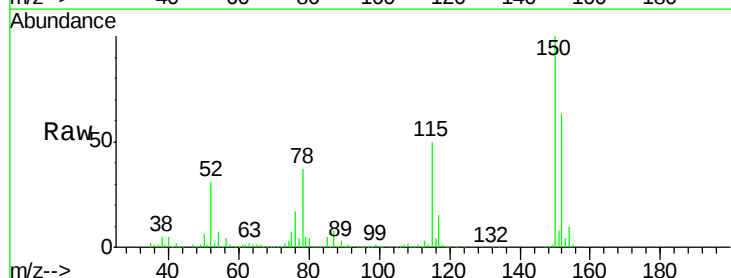
Tgt Ion: 79 Resp: 36904

Ion Ratio Lower Upper

79 100

108 50.2 55.7 83.5#

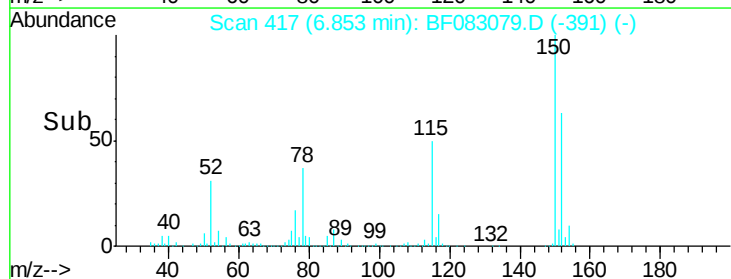
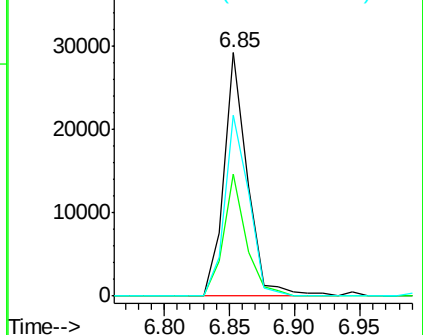
77 74.5 50.7 76.1

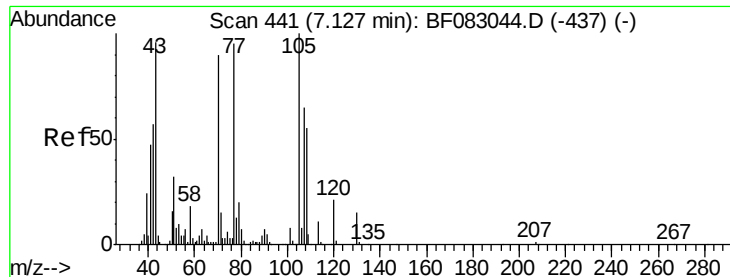


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

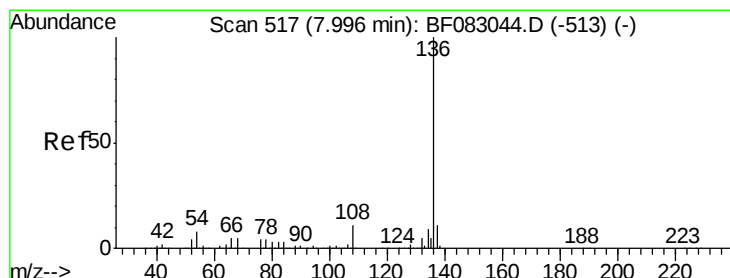
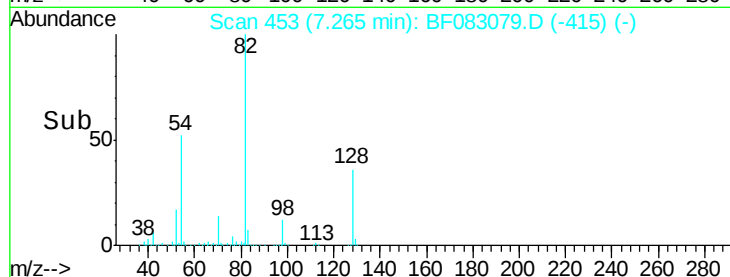
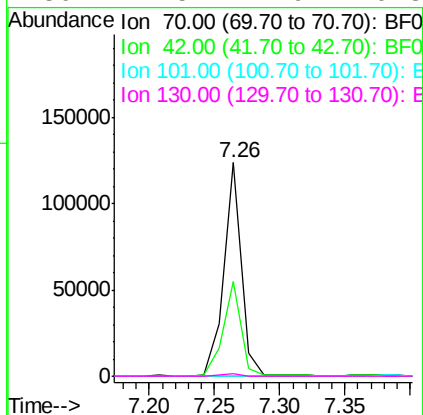
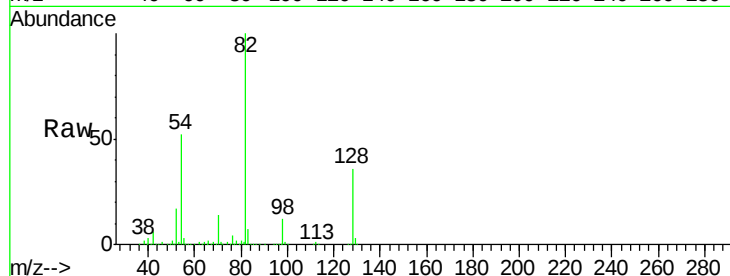




#19
n-Nitroso-di-n-propylamine
Concen: 11.57 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

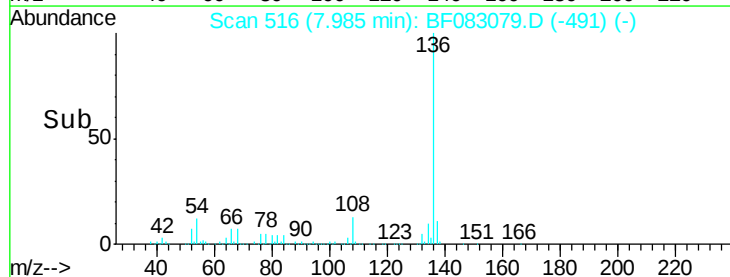
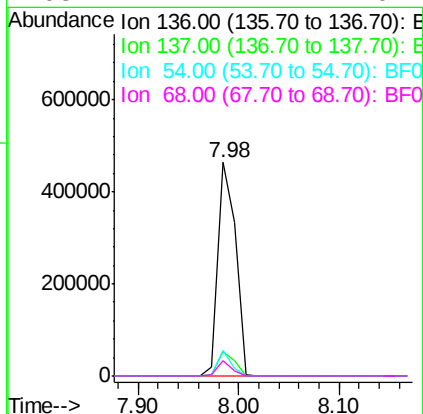
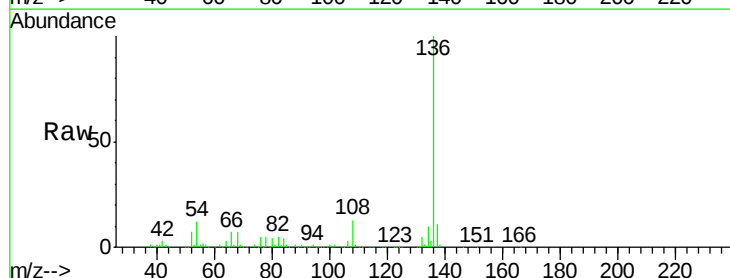
Instrument :
BNA_F
ClientSampleId :

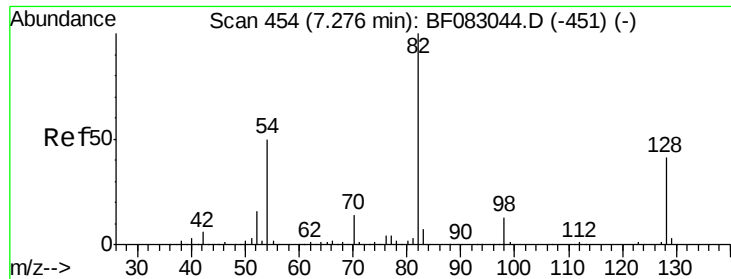
Tot Ion: 70 Resp: 118087
Ion Ratio Lower Upper
70 100
42 44.4 50.2 75.2#
101 0.0 6.8 10.2#
130 1.5 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion: 136 Resp: 566420
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 11.7 6.2 9.2#
68 7.2 4.2 6.2#

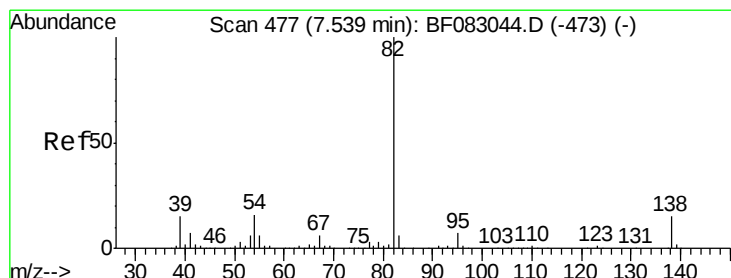
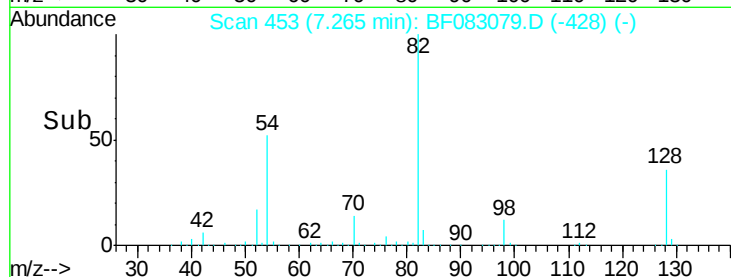
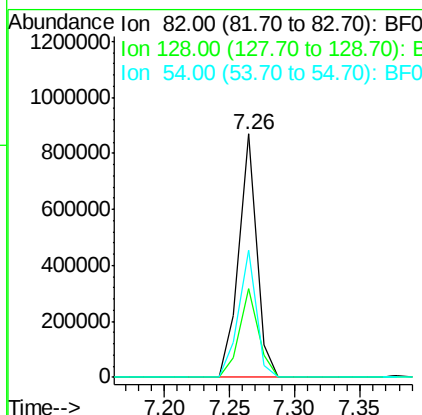
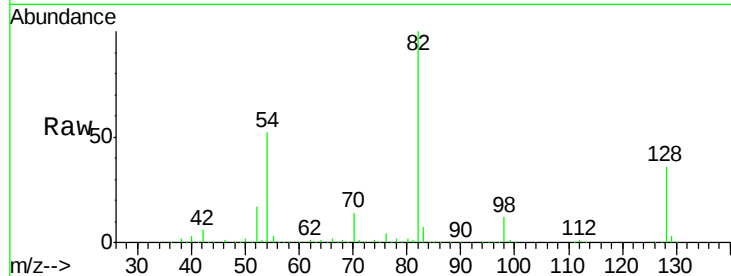




#23
 Nitrobenzene-d5
 Concen: 67.50 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

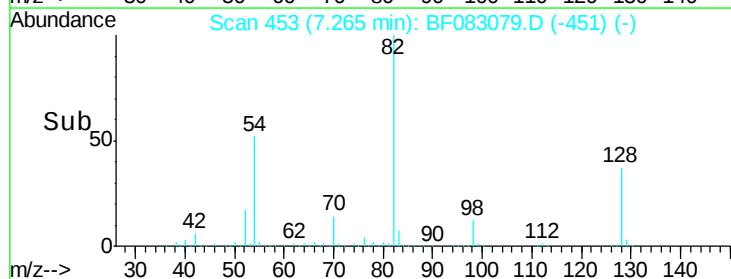
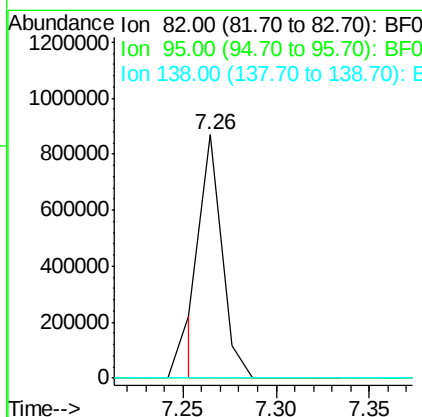
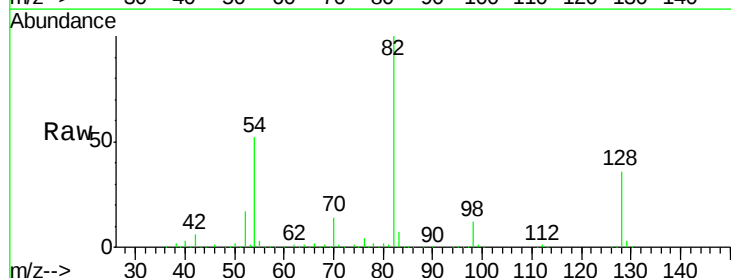
Instrument :
 BNA_F
 ClientSampled :

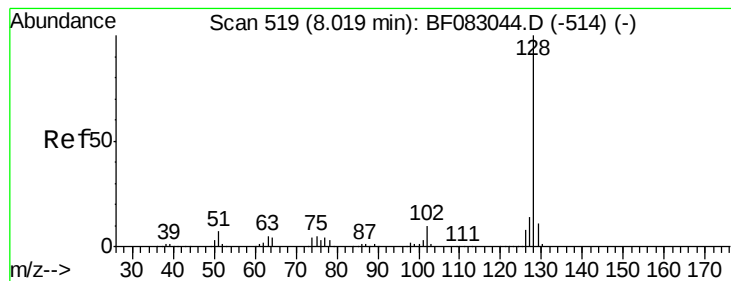
Tot Ion	82	Resp	835163
Ion Ratio	Lower	Upper	
82	100		
128	36.5	33.1	49.7
54	52.4	39.8	59.6



#25
 Isophorone
 Concen: 29.05 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083079.D
 Acq: 20 Nov 2015 13:56

Tgt Ion	82	Resp	677814
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#





#31

Naphthalene

Concen: 2.05 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

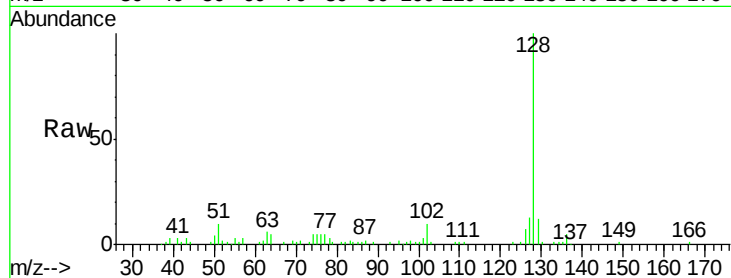
Tot Ion:128 Resp: 60624

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

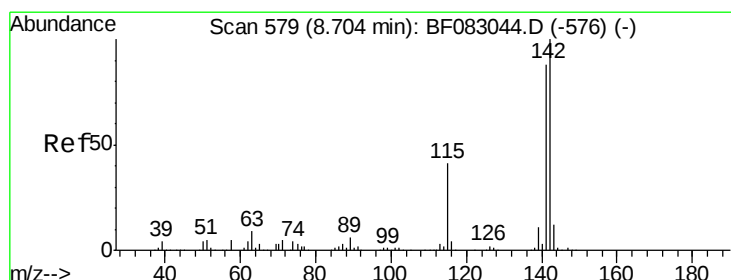
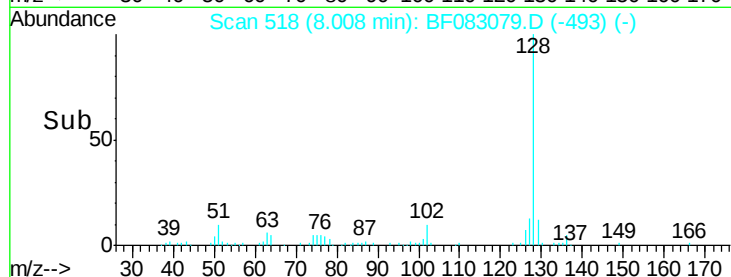
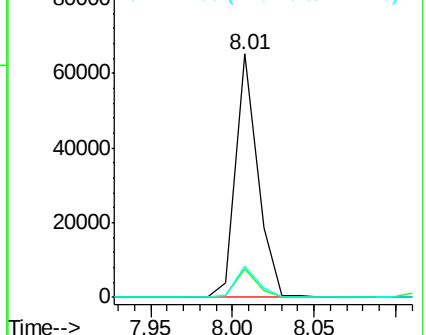
127 12.8 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 6.77 ng

RT: 8.70 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

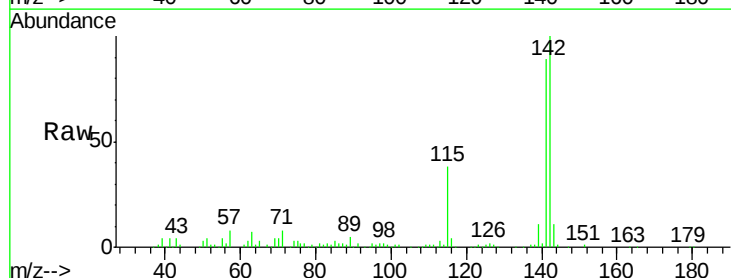
Tgt Ion:142 Resp: 132925

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

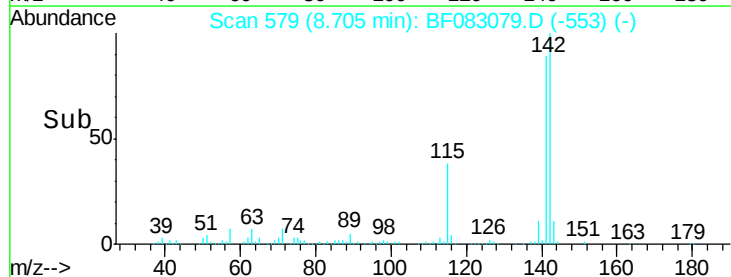
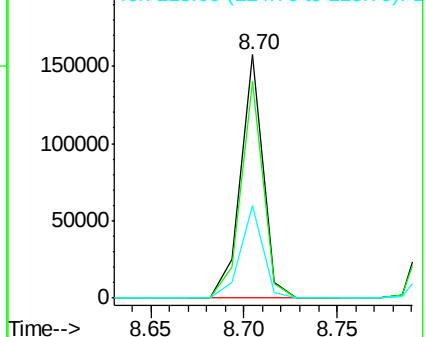
115 38.2 33.1 49.7

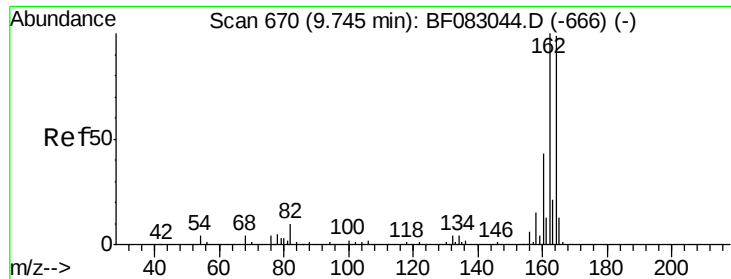


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

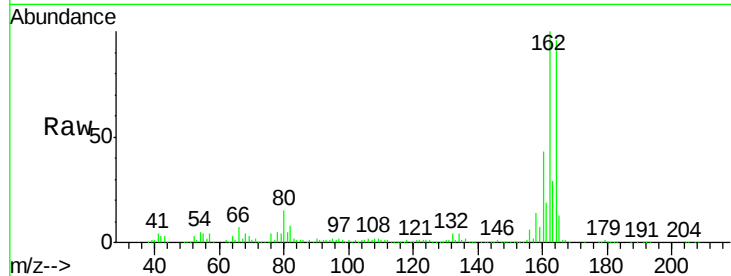
Tot Ion:164 Resp: 290155

Ion Ratio Lower Upper

164 100

162 103.7 80.5 120.7

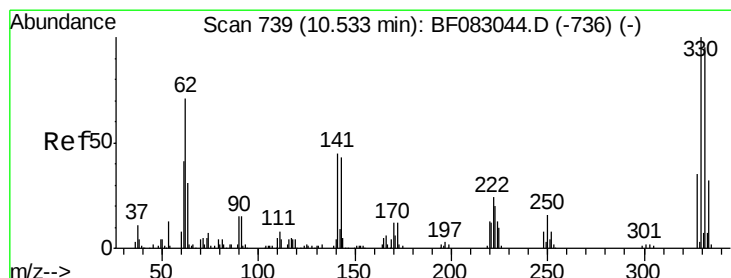
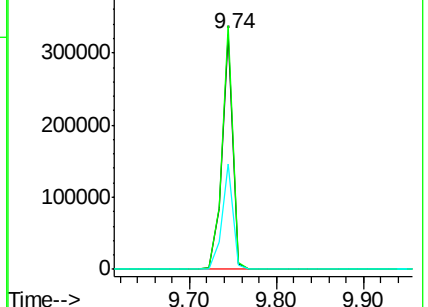
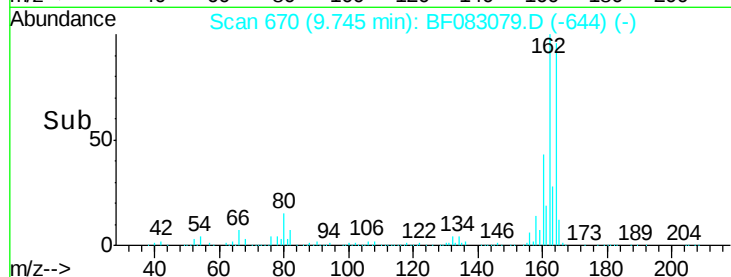
160 45.0 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 66.04 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

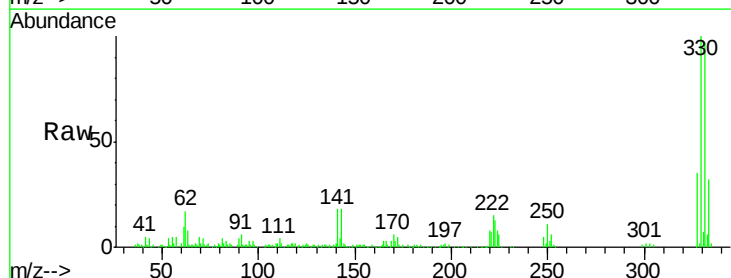
Tgt Ion:330 Resp: 203450

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

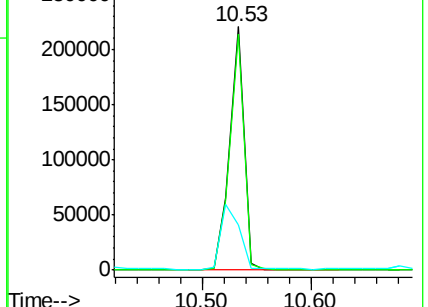
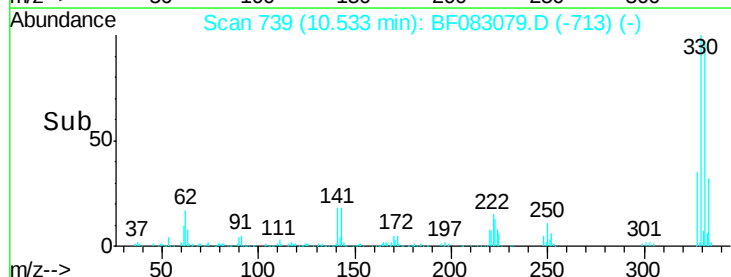
141 34.8 34.6 52.0

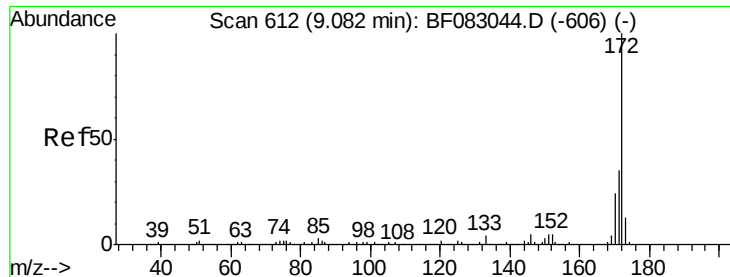


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.99 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

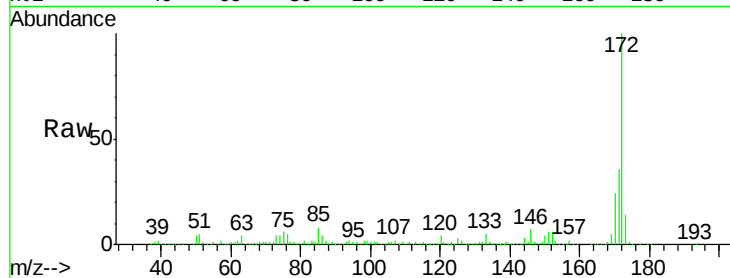
Tot Ion:172 Resp: 1486209

Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.4

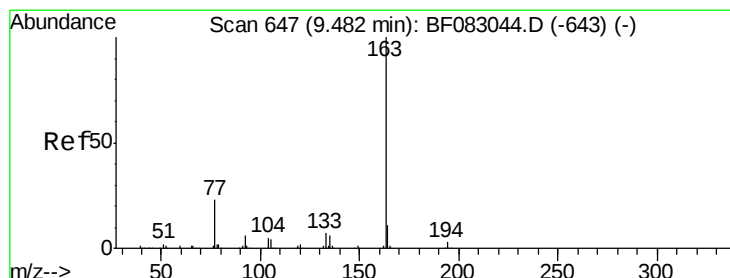
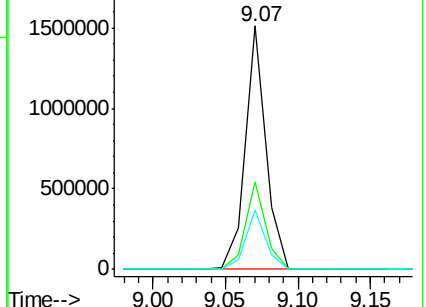
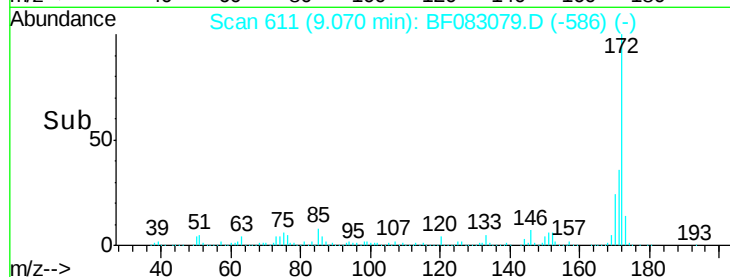
170 24.1 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 16.43 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

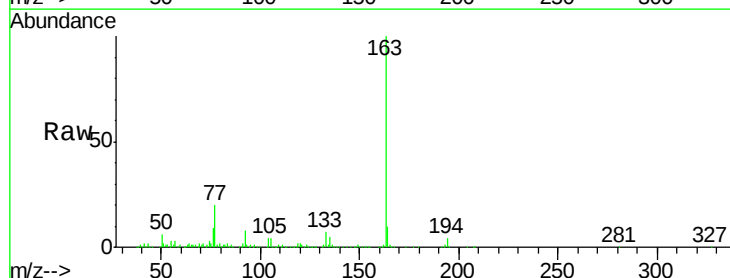
Tgt Ion:163 Resp: 392436

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

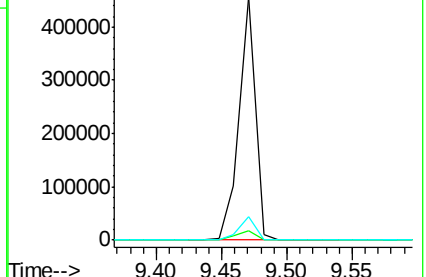
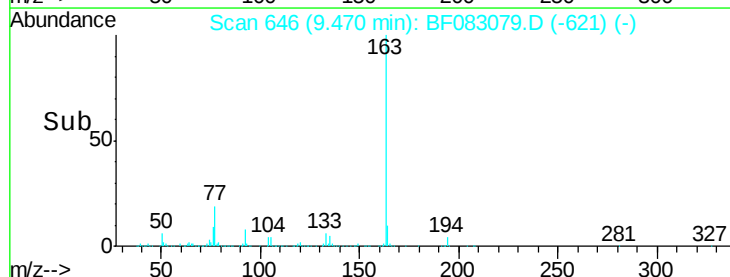
164 9.9 8.5 12.7

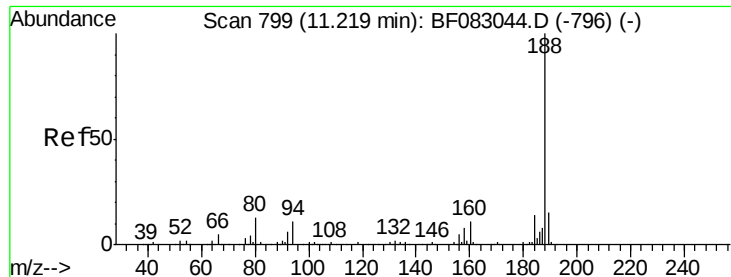


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

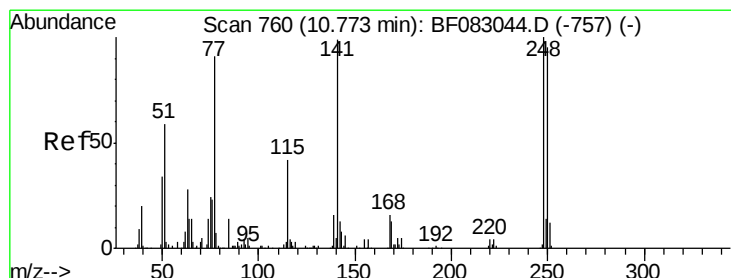
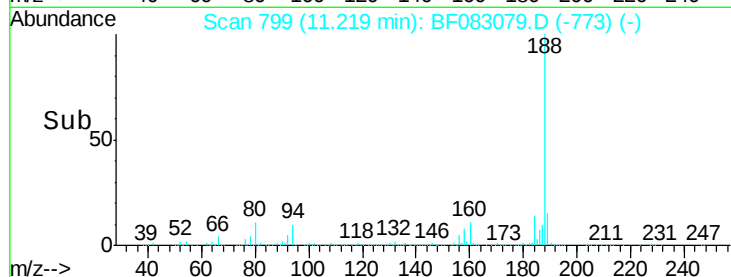
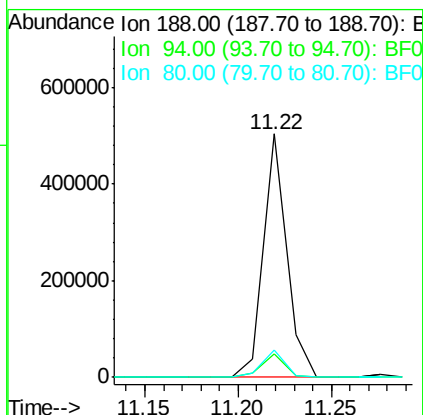
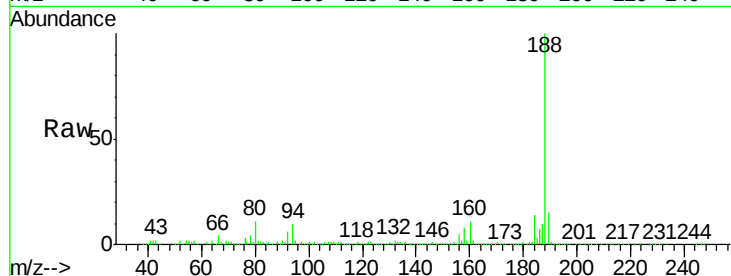




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

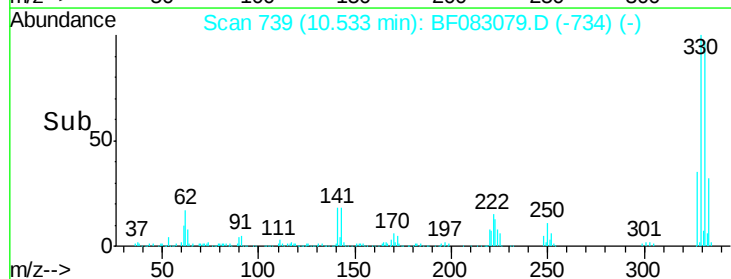
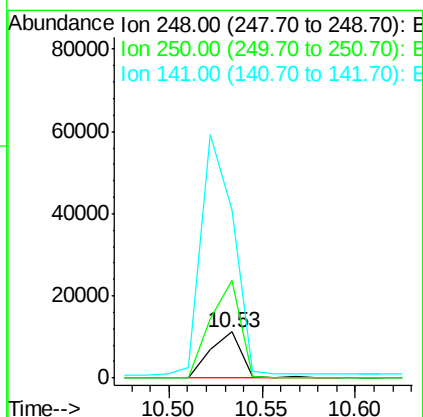
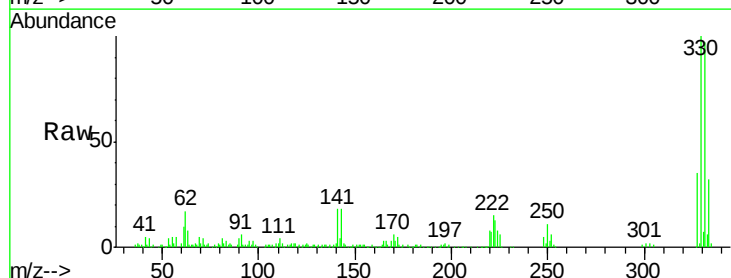
Instrument :
BNA_F
ClientSampleId :

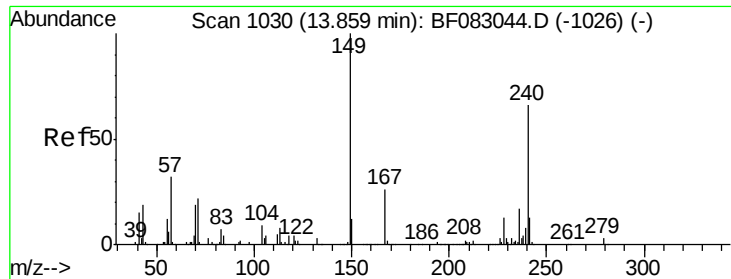
Tot Ion:188 Resp: 434074
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 11.3 10.2 15.4



#66
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion:248 Resp: 12963
Ion Ratio Lower Upper
248 100
250 210.5 76.1 114.1#
141 361.5 79.2 118.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

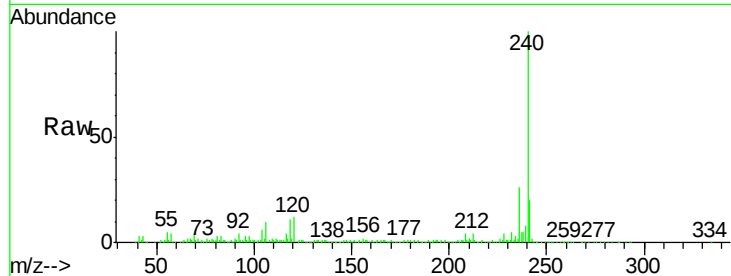
Tot Ion:240 Resp: 365037

Ion Ratio Lower Upper

240 100

120 12.3 5.3 7.9#

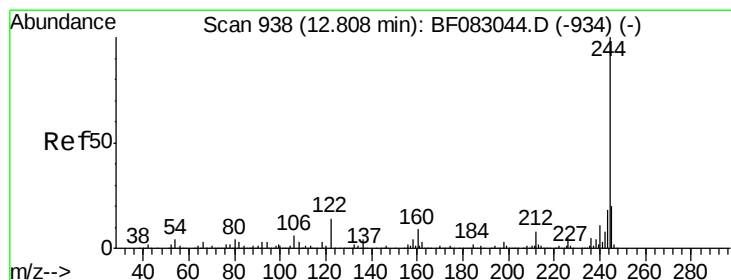
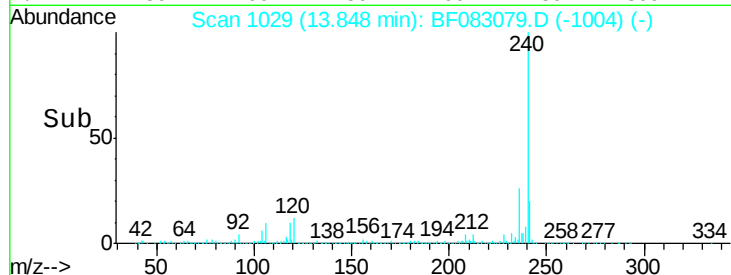
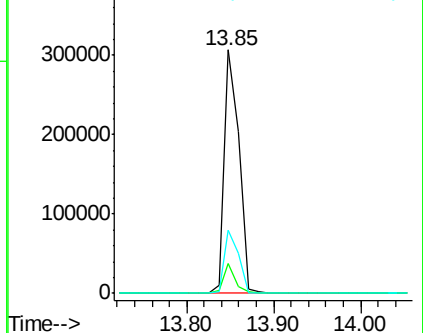
236 26.1 20.4 30.6



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



#78

Terphenyl-d14

Concen: 74.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

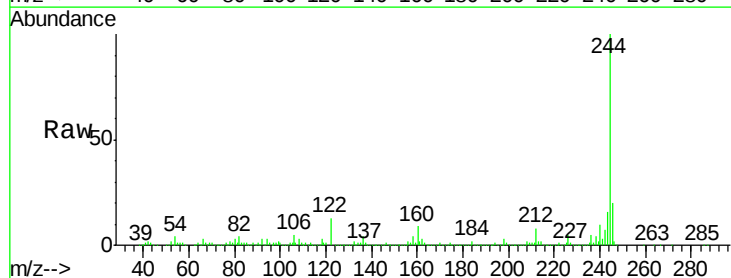
Tgt Ion:244 Resp: 1148277

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

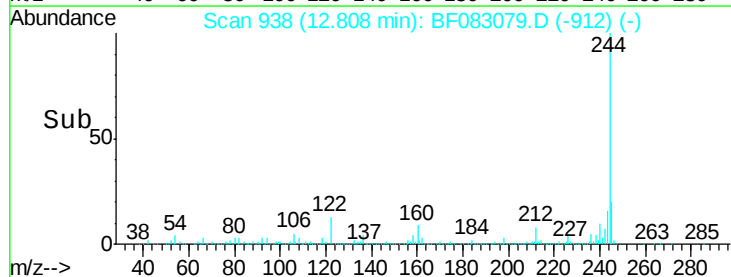
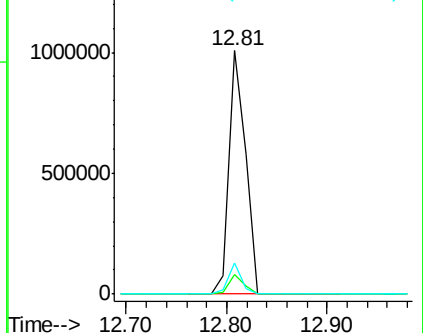
122 12.9 10.9 16.3

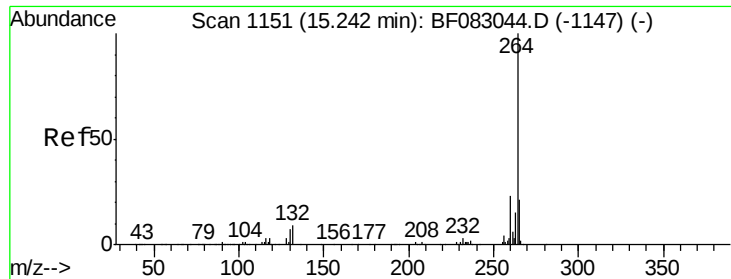


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

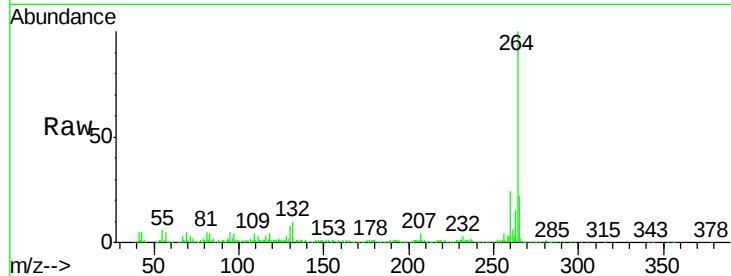




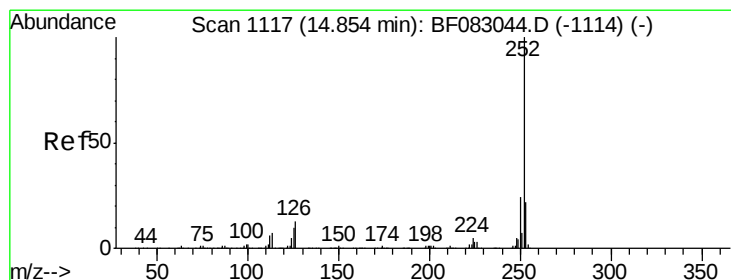
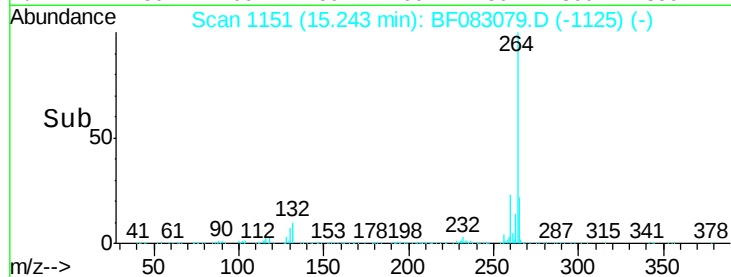
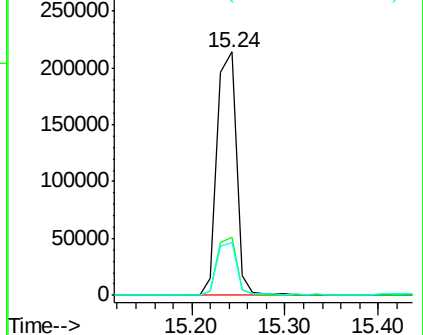
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 311689
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.9 17.0 25.6

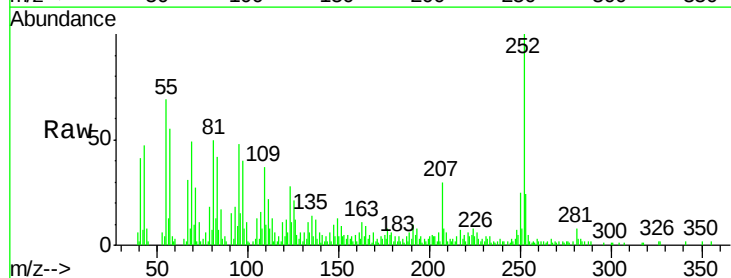


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

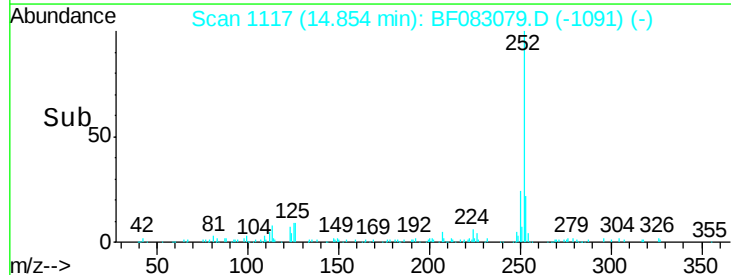
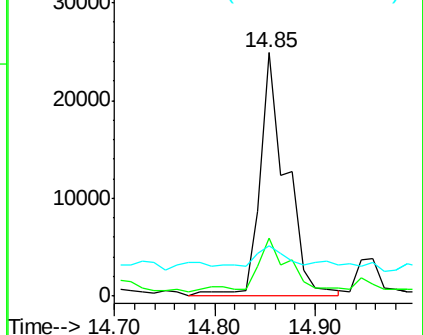


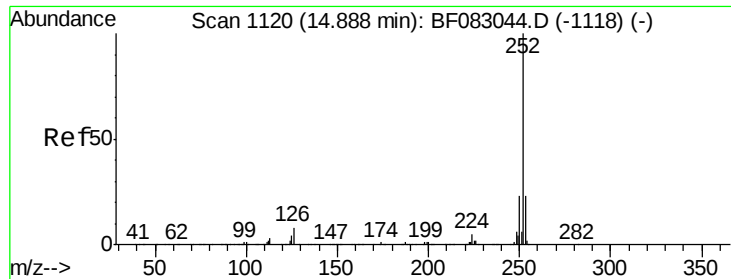
#87
Benzo(b)fluoranthene
Concen: 2.07 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF083079.D
Acq: 20 Nov 2015 13:56

Tgt Ion:252 Resp: 45018
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 20.8 7.7 11.5#



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: 2.71 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083079.D

Acq: 20 Nov 2015 13:56

Instrument :

BNA_F

ClientSampleId :

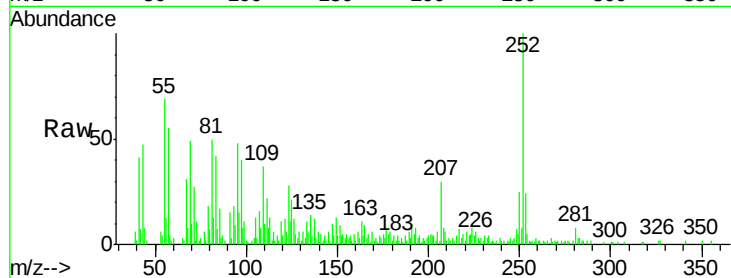
Tot Ion: 252 Resp: 45018

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

125 20.8 3.8 5.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

