

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083167.D
 Acq On : 22 Nov 2015 19:13
 Operator : UM/IZ
 Sample : G4509-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2

Quant Time: Nov 23 03:40:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

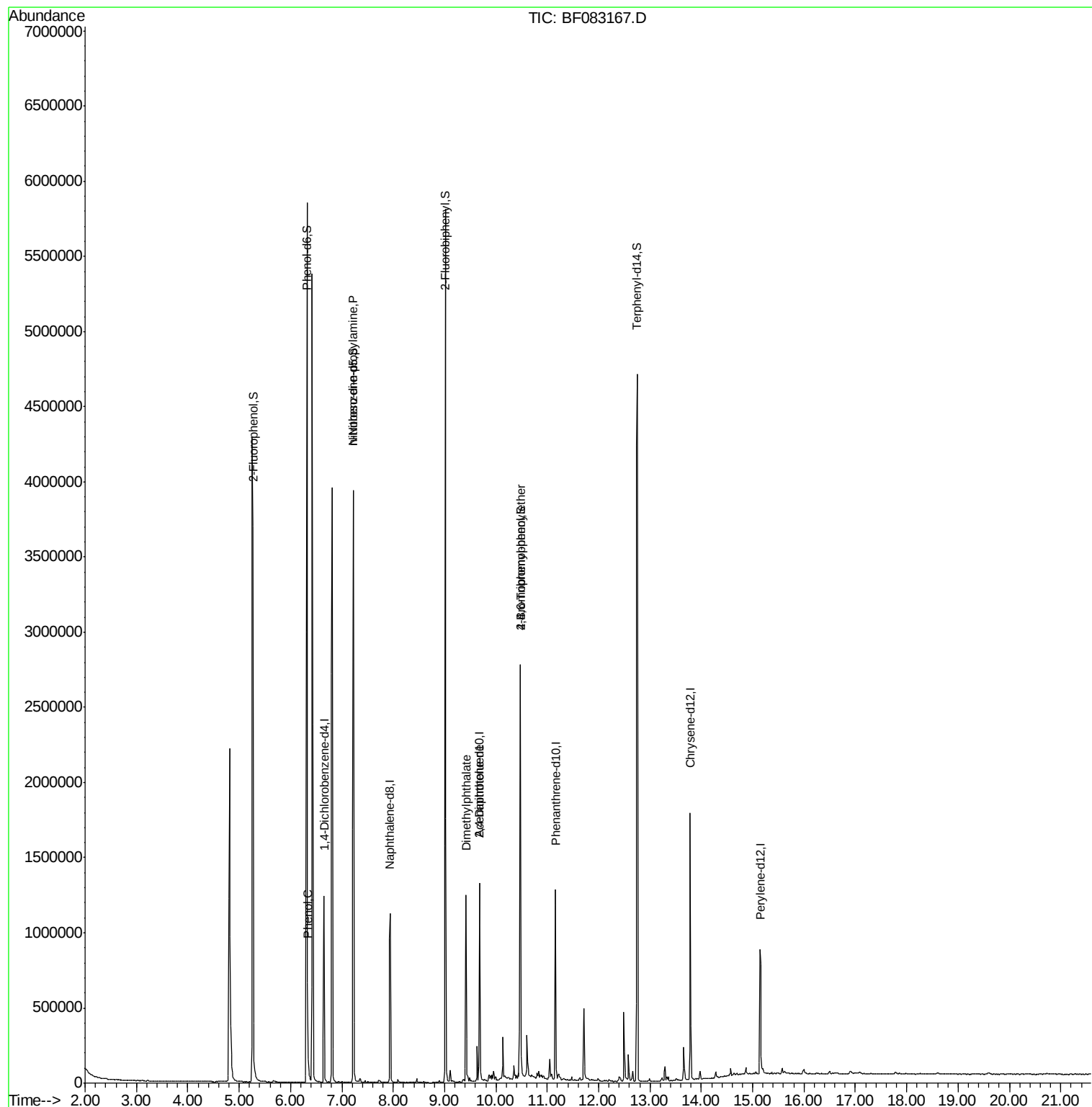
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	194079	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	728878	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	362877	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	685760	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	591839	20.00	ng	-0.02
86) Perylene-d12	15.15	264	471546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1723236	134.24	ng	-0.01
7) Phenol-d6	6.32	99	2286773	137.68	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1499139	93.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	508396	136.94	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2114518	81.26	ng	-0.01
78) Terphenyl-d14	12.75	244	2195458	87.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	3506	Below Cal	#	4
10) Phenol	6.33	94	41933	2.09	ng	88
19) n-Nitroso-di-n-propylamine	7.22	70	204221	17.67	ng	# 75
49) Dimethylphthalate	9.42	163	484091	17.33	ng	99
56) 2,4-Dinitrotoluene	9.68	165	46423	5.84	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	33799	4.44	ng	# 1

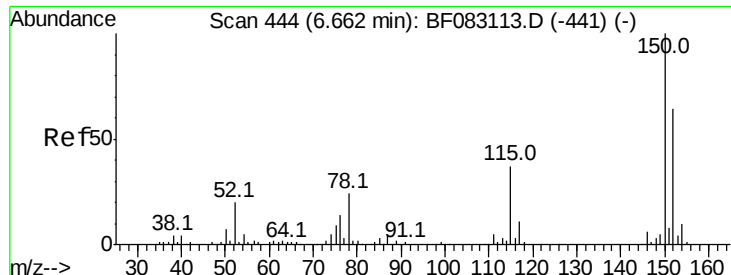
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083167.D
Acq On : 22 Nov 2015 19:13
Operator : UM/IZ
Sample : G4509-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2

Quant Time: Nov 23 03:40:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



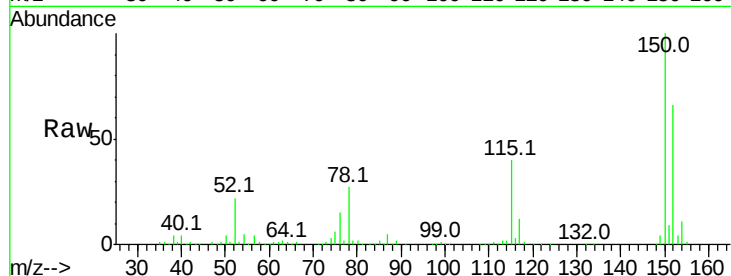


#1

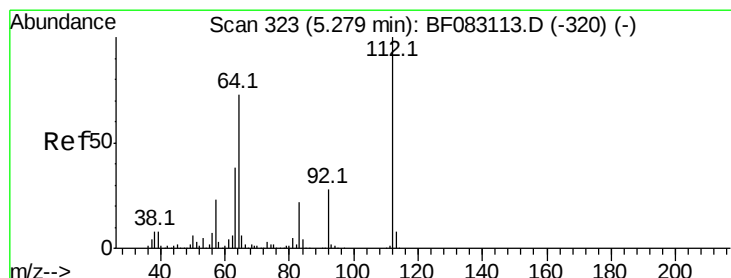
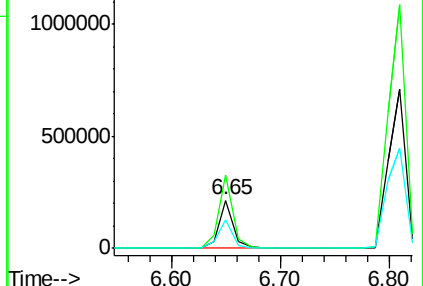
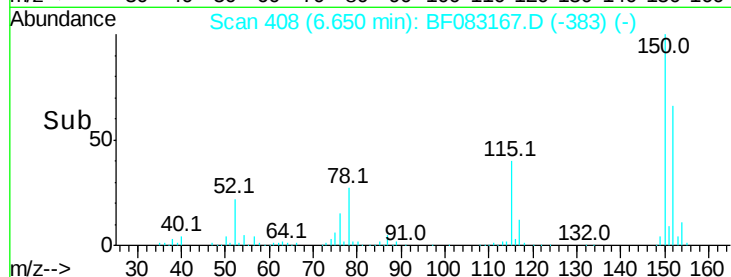
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

Instrument :
BNA_F
ClientSampleId :
2

Tot Ion:152 Resp: 194079
Ion Ratio Lower Upper
152 100
150 152.3 125.8 188.8
115 60.8 46.9 70.3



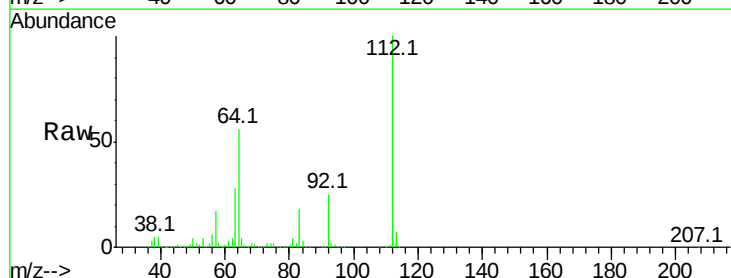
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



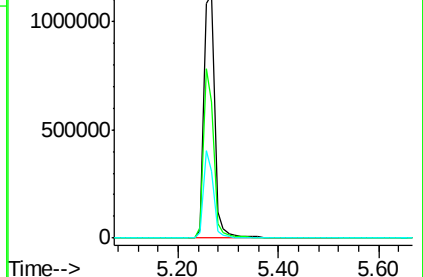
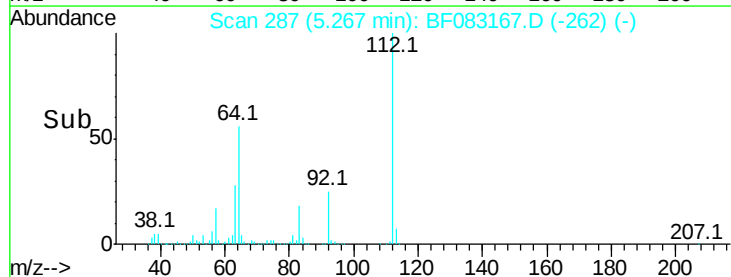
#5

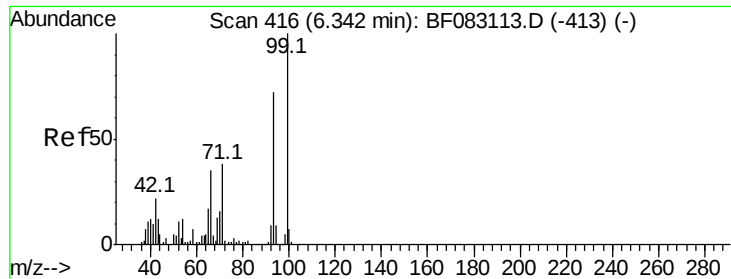
2-Fluorophenol
Concen: 134.24 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

Tgt Ion:112 Resp: 1723236
Ion Ratio Lower Upper
112 100
64 55.8 58.4 87.6#
63 27.6 30.0 45.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.68 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

2

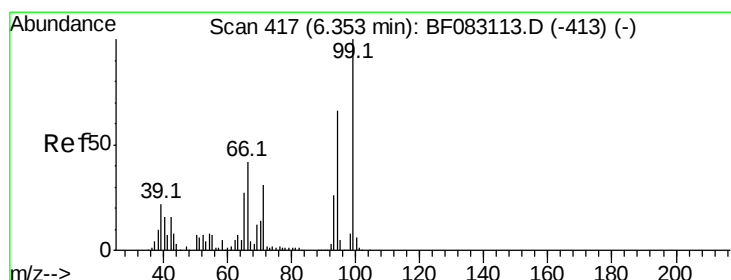
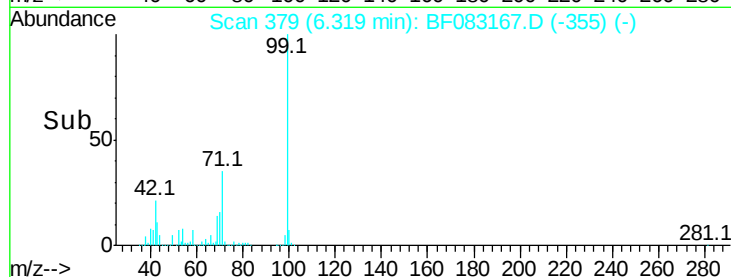
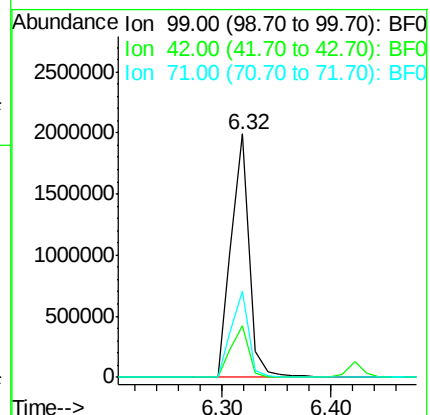
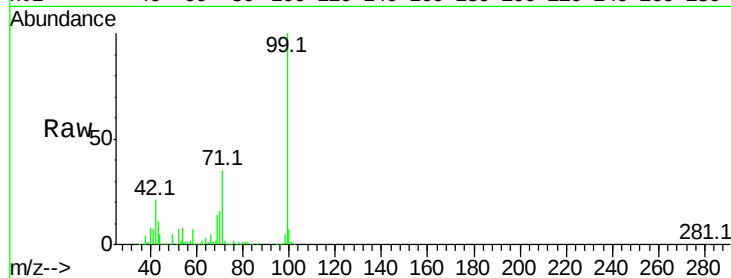
Tot Ion: 99 Resp: 2286773

Ion Ratio Lower Upper

99 100

42 21.2 17.7 26.5

71 35.3 30.2 45.4



#10

Phenol

Concen: 2.09 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

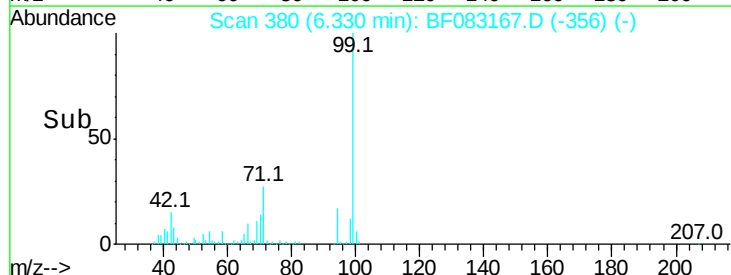
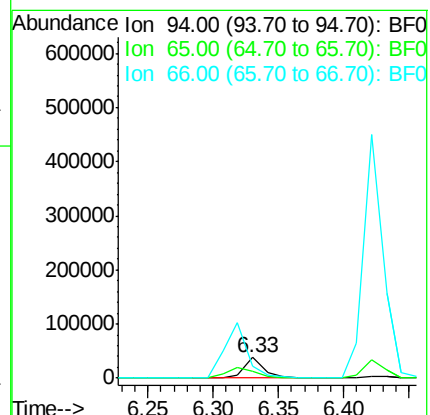
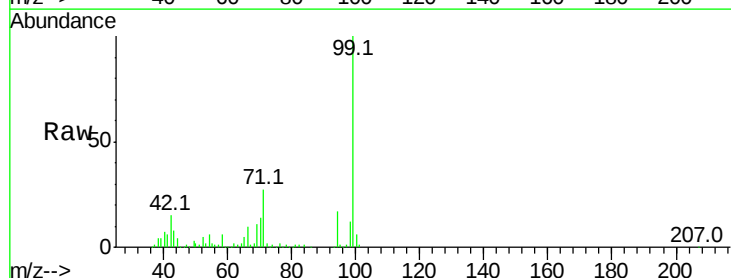
Tgt Ion: 94 Resp: 41933

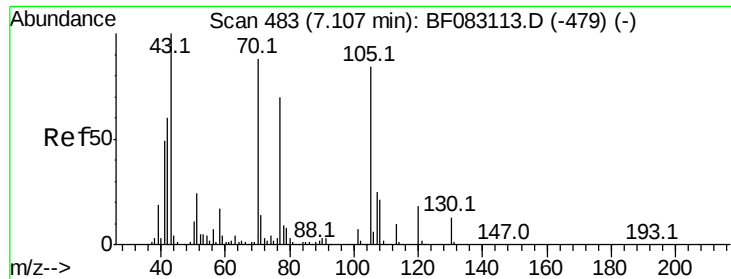
Ion Ratio Lower Upper

94 100

65 31.3 21.1 61.1

66 55.8 43.1 83.1

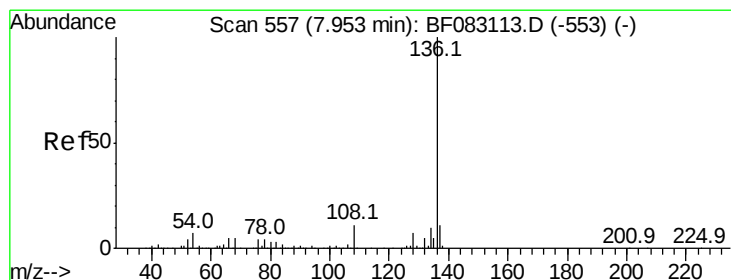
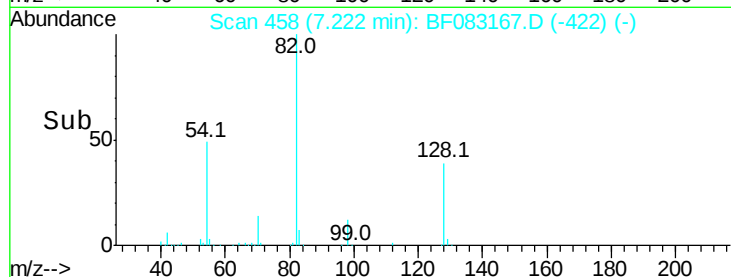
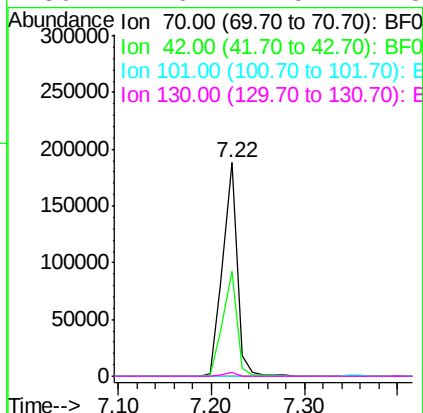
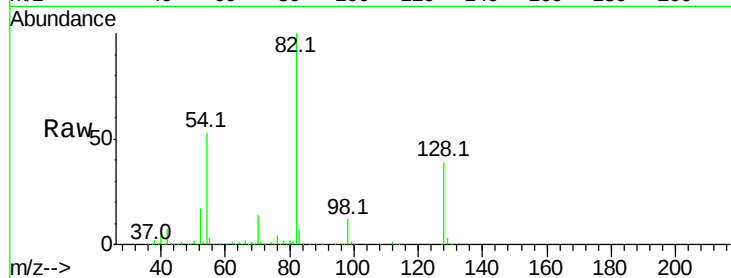




#19
n-Nitroso-di-n-propylamine
Concen: 17.67 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

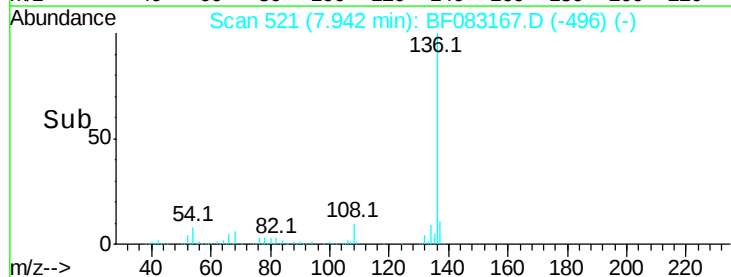
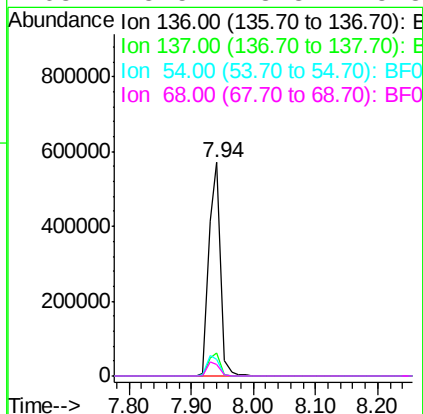
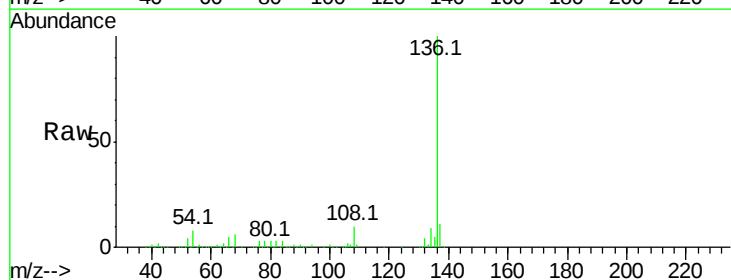
Instrument :
BNA_F
ClientSampled :
2

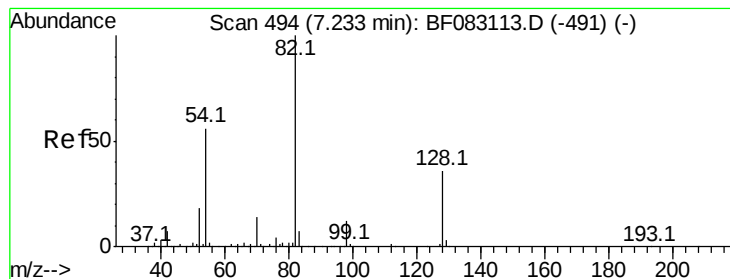
Tot Ion: 70 Resp: 204221
Ion Ratio Lower Upper
70 100
42 48.9 54.5 81.7#
101 0.0 6.6 9.8#
130 1.6 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

Tgt Ion:136 Resp: 728878
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.7 5.8 8.6
68 5.5 3.8 5.8





#23

Nitrobenzene-d5

Concen: 93.98 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Instrument :

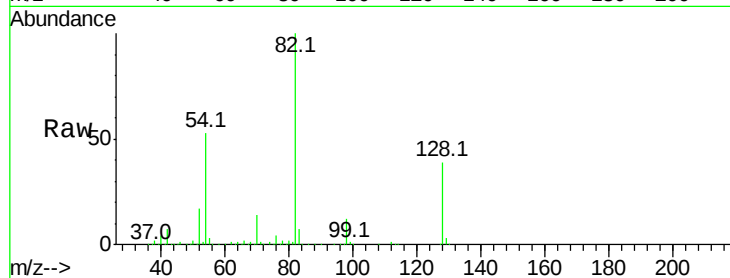
BNA_F

ClientSampled :

2

Tot Ion: 82 Resp: 1499139

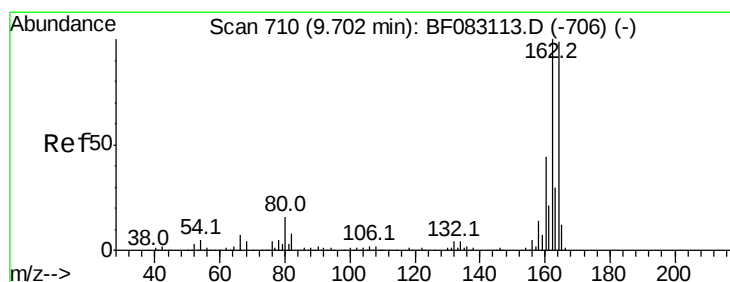
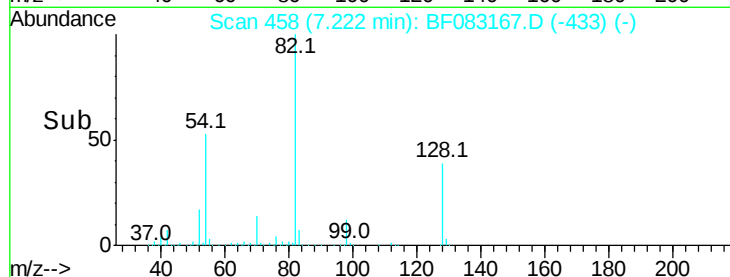
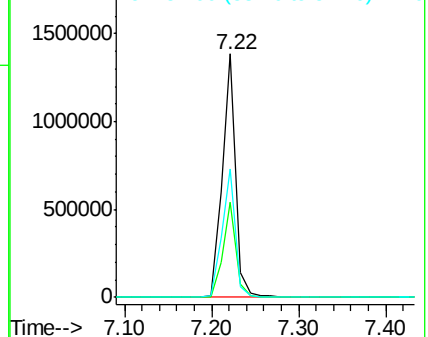
Ion	Ratio	Lower	Upper
82	100		
128	39.2	28.5	42.7
54	52.9	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

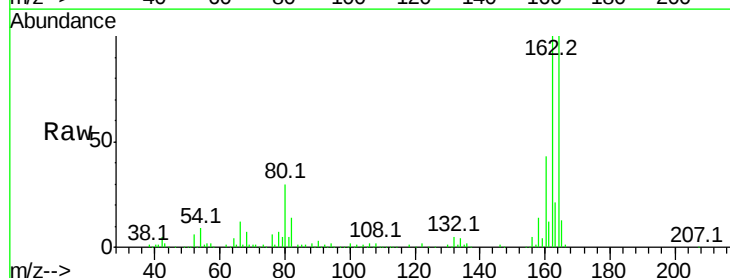
Delta R.T. -0.02 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Tgt Ion:164 Resp: 362877

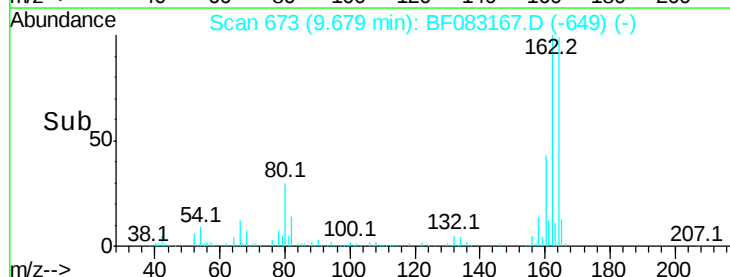
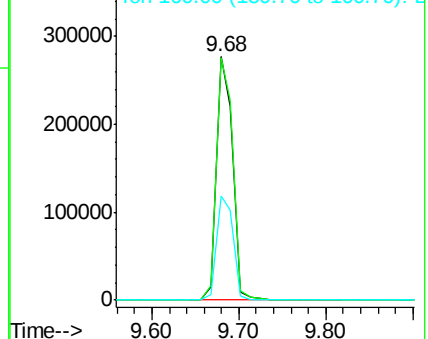
Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.2	121.8
160	42.6	35.6	53.4

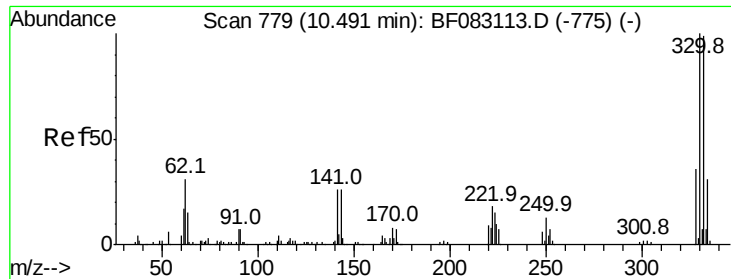


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

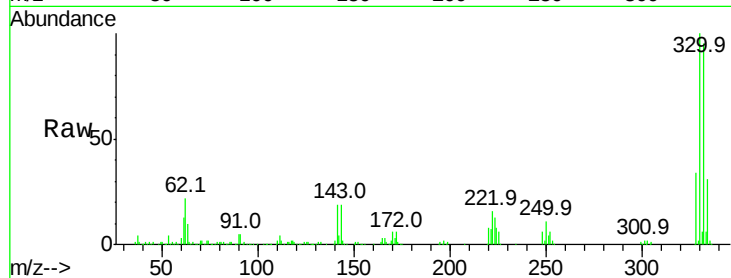




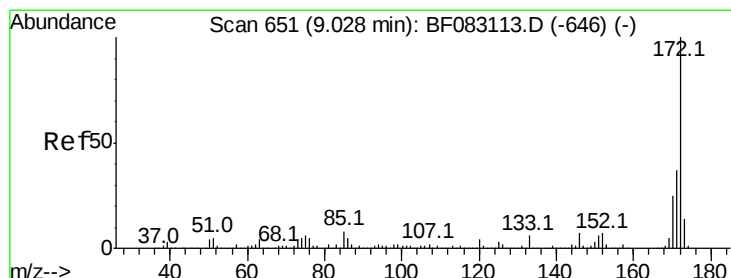
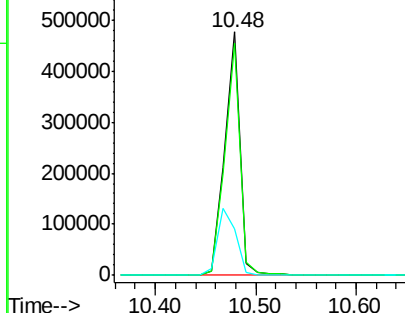
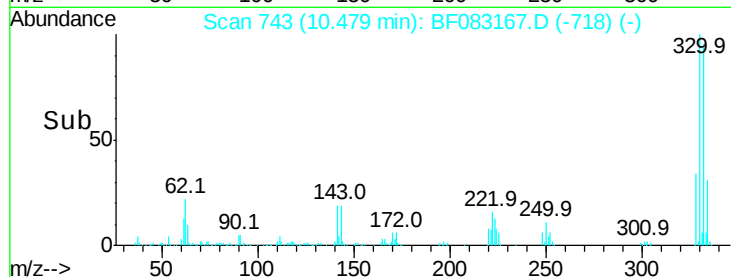
#41
 2,4,6-Tribromophenol
 Concen: 136.94 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083167.D
 Acq: 22 Nov 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	33.4	29.7	44.5

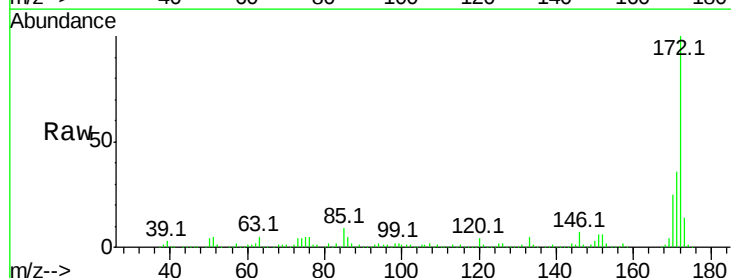


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

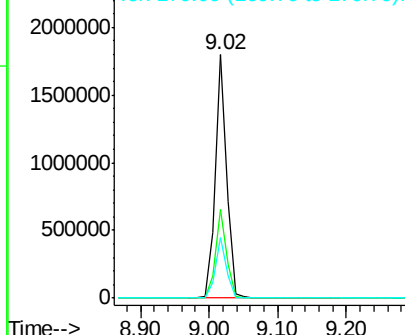
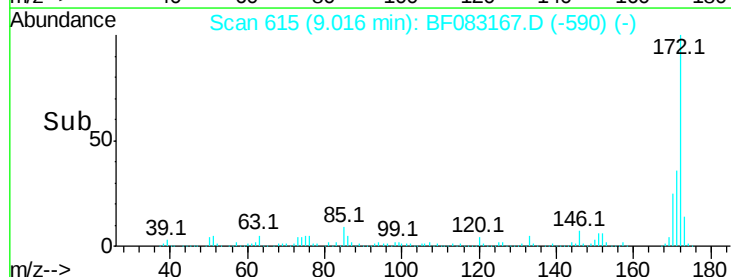


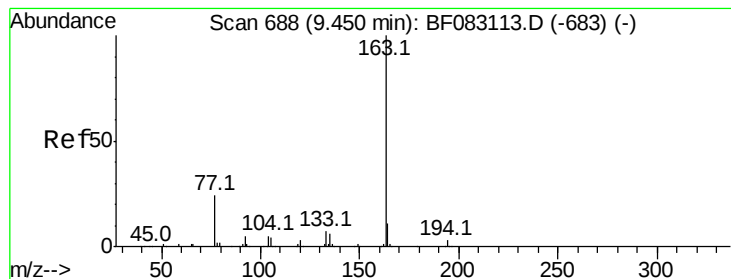
#44
 2-Fluorobiphenyl
 Concen: 81.26 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083167.D
 Acq: 22 Nov 2015 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	25.0	19.9	29.9



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: 17.33 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

2

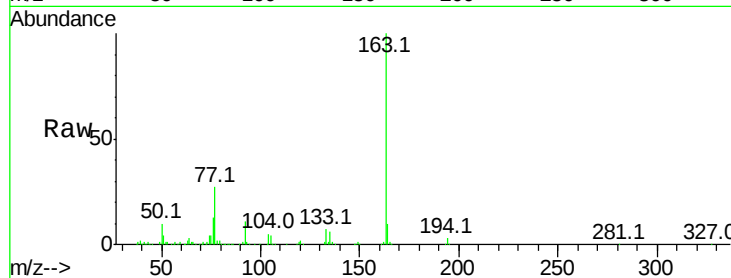
Tot Ion:163 Resp: 484091

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

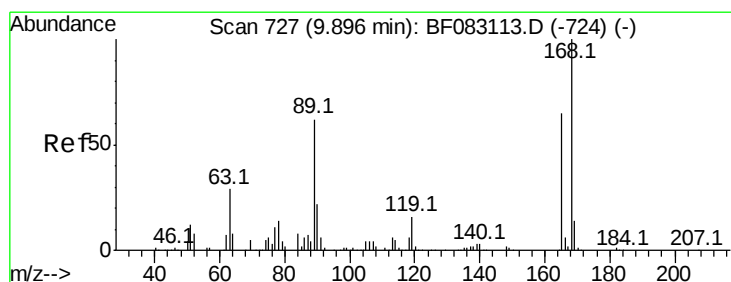
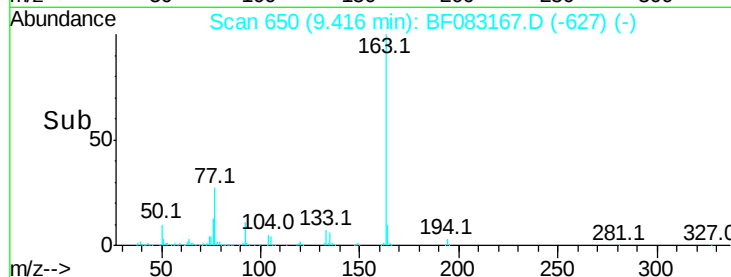
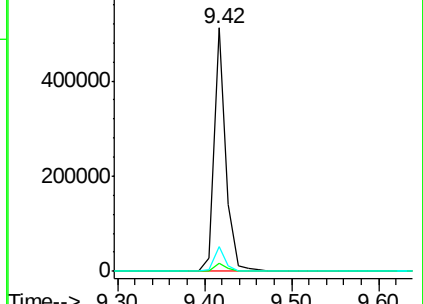
164 10.3 8.6 12.8



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



#56

2,4-Dinitrotoluene

Concen: 5.84 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.22 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Tgt Ion:165 Resp: 46423

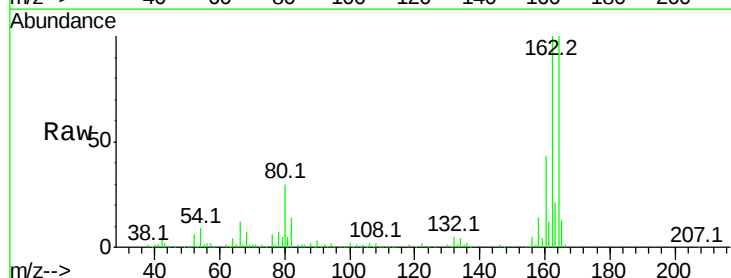
Ion Ratio Lower Upper

165 100

63 1.6 54.5 81.7#

89 1.5 77.3 115.9#

182 0.0 1.8 2.6#

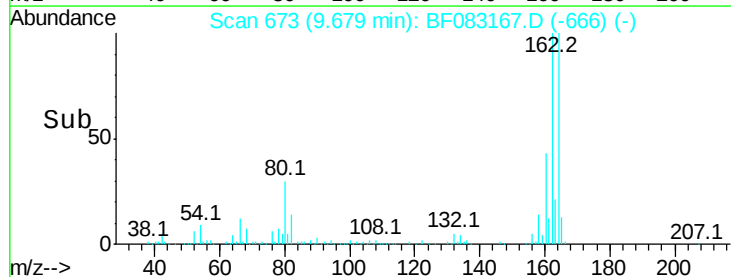
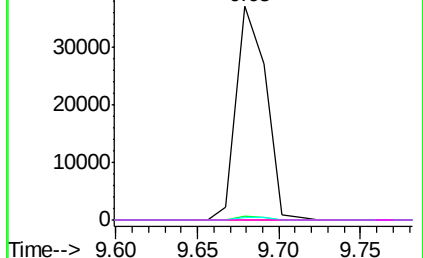


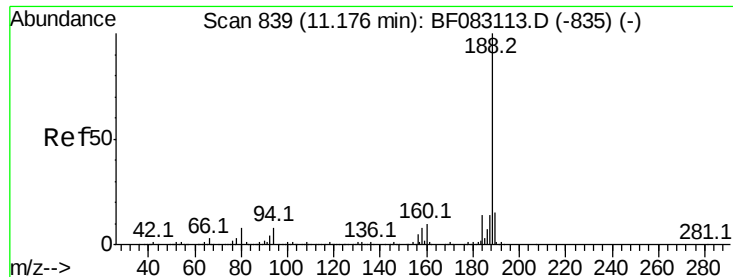
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

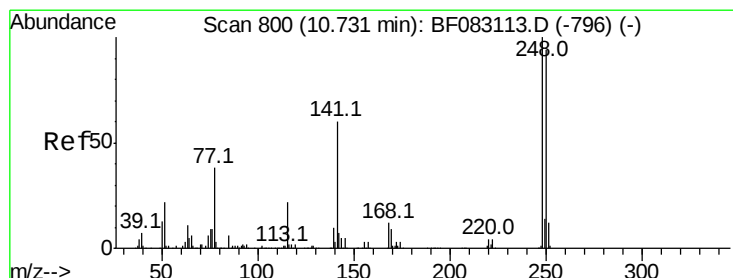
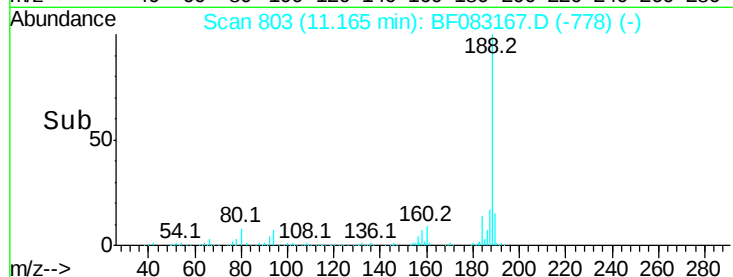
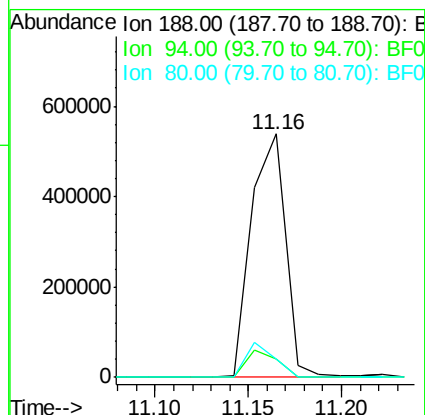
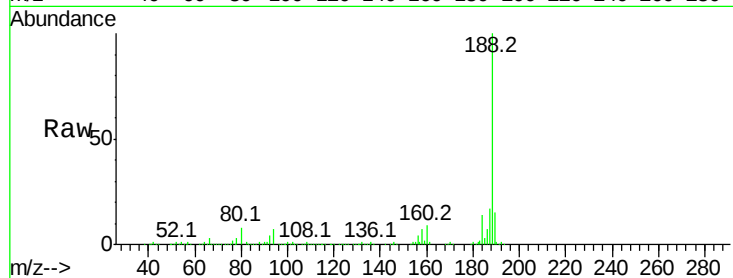




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

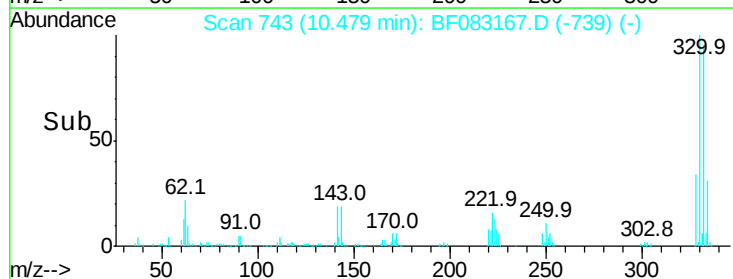
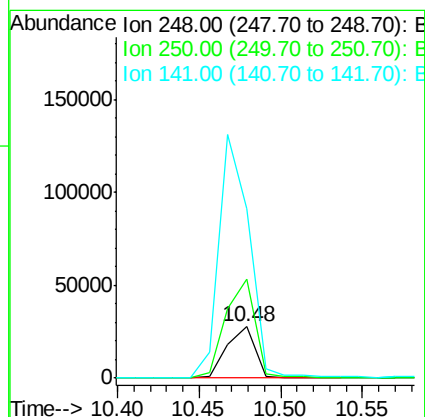
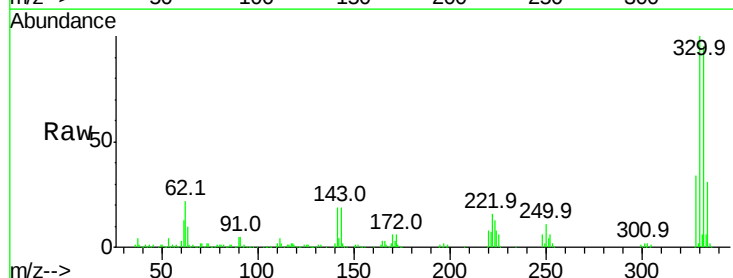
Instrument :
BNA_F
ClientSampleId :
2

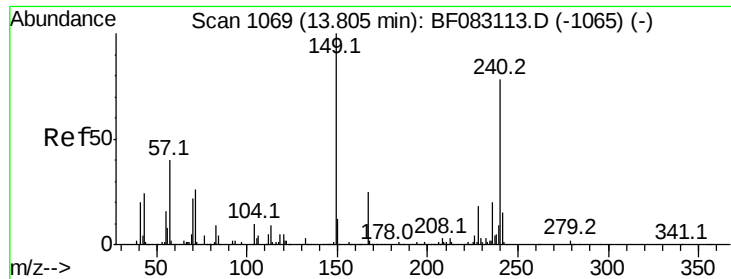
Tot Ion:188 Resp: 685760
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.7 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

Tgt Ion:248 Resp: 33799
Ion Ratio Lower Upper
248 100
250 193.2 75.4 113.2#
141 330.2 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

2

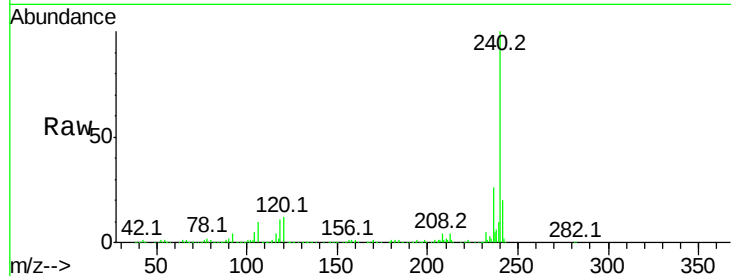
Tot Ion:240 Resp: 591839

Ion Ratio Lower Upper

240 100

120 12.3 5.4 8.2#

236 25.9 20.6 31.0



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

13.78

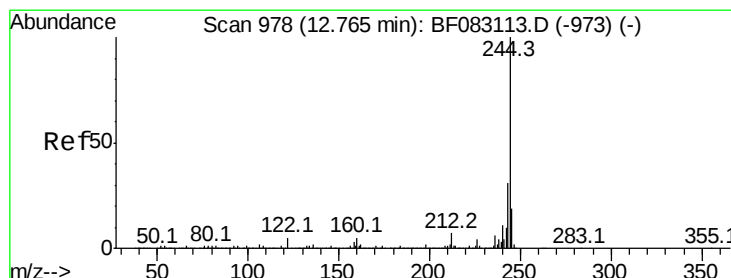
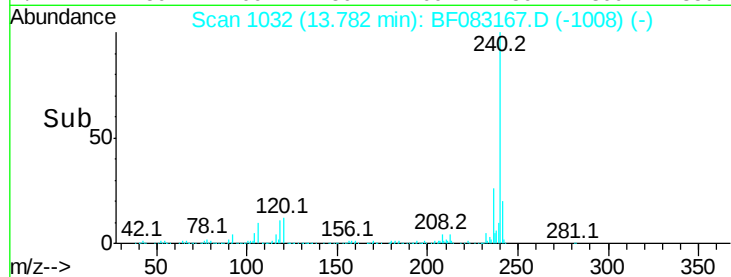
600000

400000

200000

0

Time--> 13.70 13.80 13.90 14.00



#78

Terphenyl-d14

Concen: 87.35 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083167.D

Acq: 22 Nov 2015 19:13

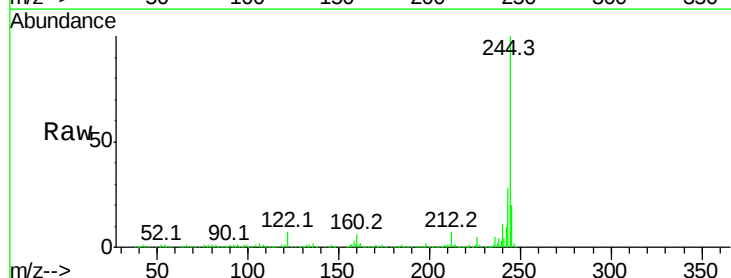
Tgt Ion:244 Resp: 2195458

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 7.3 4.3 6.5#



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

12.75

2000000

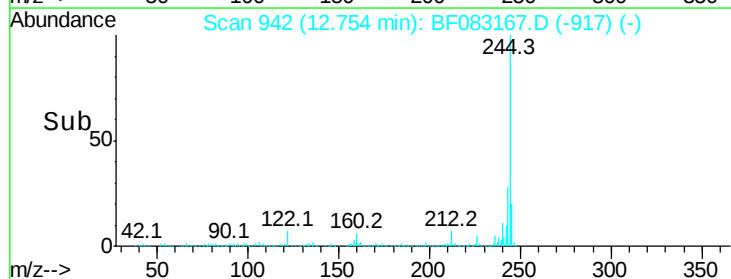
1500000

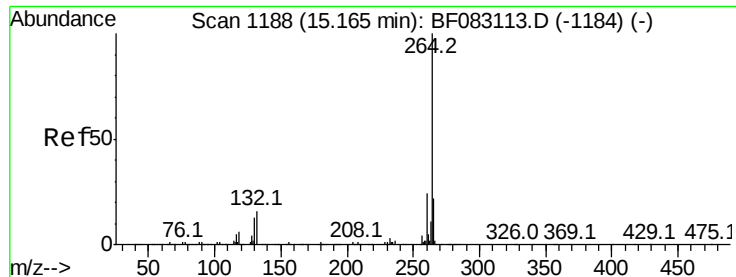
1000000

500000

0

Time--> 12.60 12.70 12.80 12.90





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083167.D
Acq: 22 Nov 2015 19:13

Instrument :
BNA_F
ClientSampleId :
2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	20.3	18.2	27.4

