

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083152.D
 Acq On : 22 Nov 2015 11:52
 Operator : UM/IZ
 Sample : G4510-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-111815-2

Quant Time: Nov 23 03:35:31 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

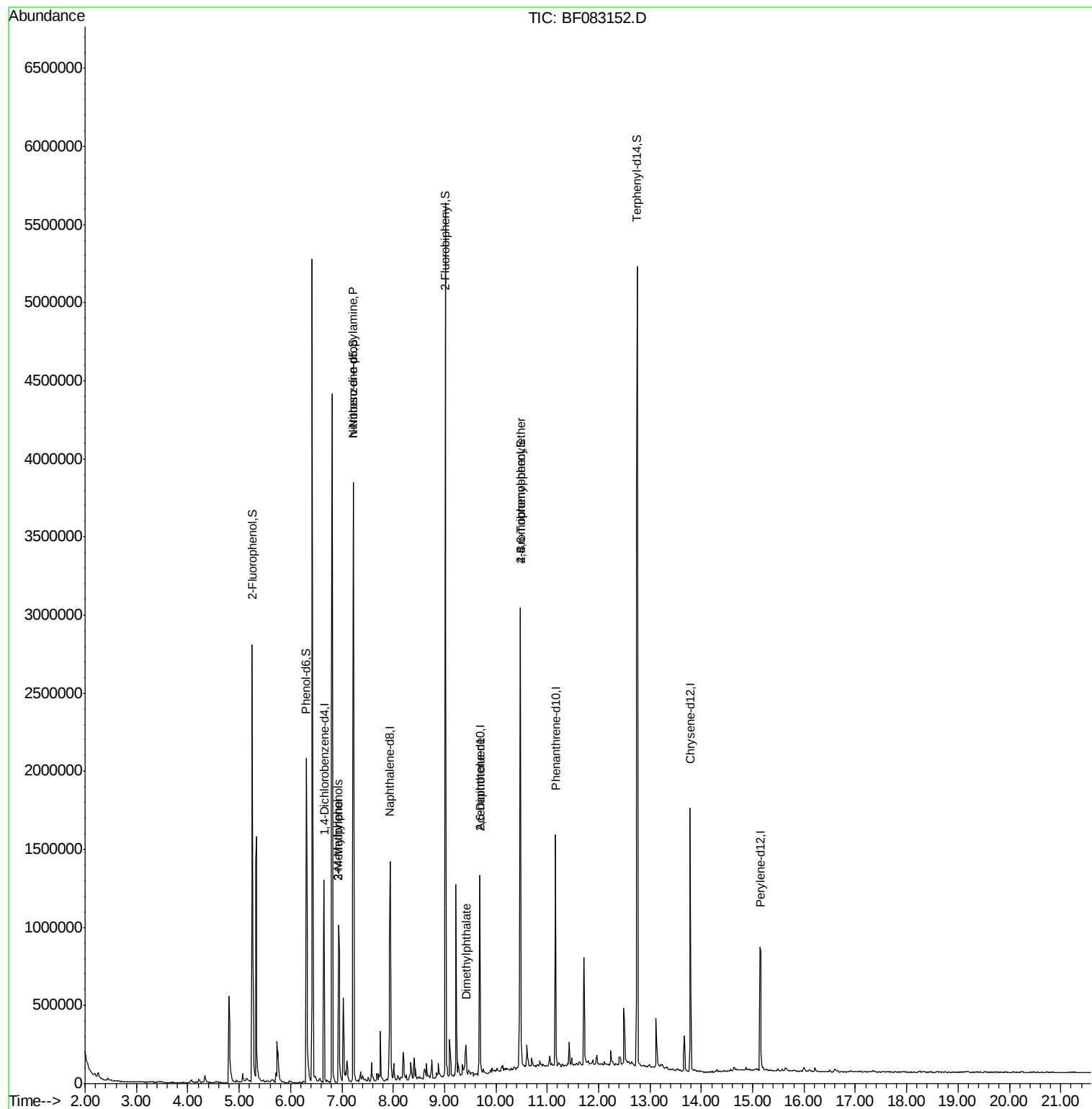
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193425	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	756861	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	375059	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	696590	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	590443	20.00	ng	-0.02
86) Perylene-d12	15.15	264	462923	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1019307	79.67	ng	-0.02
7) Phenol-d6	6.31	99	868315	52.45	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1409784	85.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	535717	139.62	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2225312	82.74	ng	-0.01
78) Terphenyl-d14	12.75	244	2094892	83.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	1217	Below Cal	#	1
17) 2-Methylphenol	6.94	107	178328	15.59	ng	# 33
19) n-Nitroso-di-n-propylamine	7.22	70	192545	16.71	ng	# 78
20) 3+4-Methylphenols	6.94	107	178328	12.33	ng	# 18
49) Dimethylphthalate	9.42	163	61149	2.12	ng	100
50) 2,6-Dinitrotoluene	9.69	165	49756	7.68	ng	# 14
66) 4-Bromophenyl-phenylether	10.48	248	37503	4.85	ng	# 1

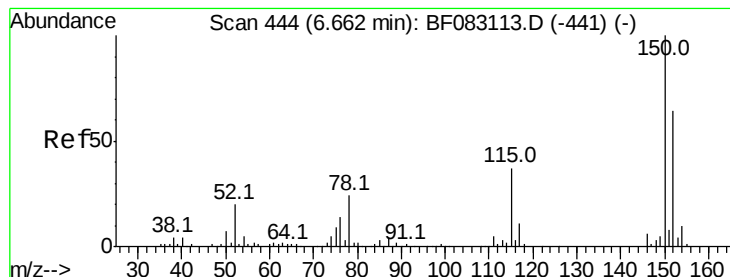
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Acq On : 22 Nov 2015 11:52
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-111815-2

Quant Time: Nov 23 03:35:31 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: BF083152.D

Acq: 22 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

DUP-111815-2

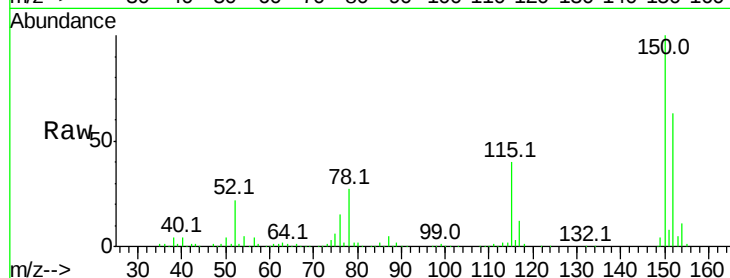
Tot Ion:152 Resp: 193425

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.8

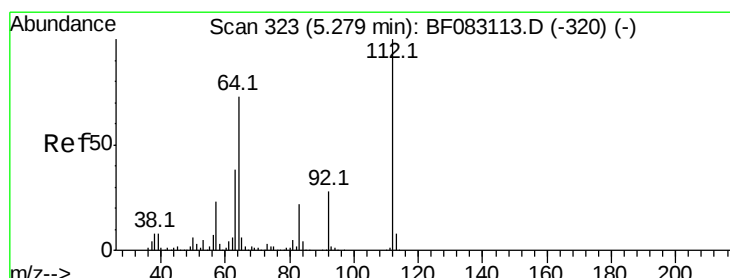
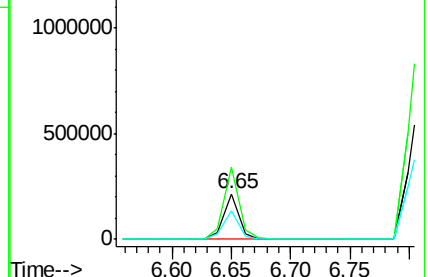
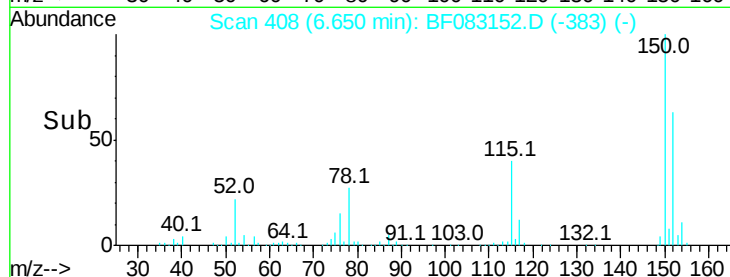
115 63.1 46.9 70.3



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: 79.67 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083152.D

Acq: 22 Nov 2015 11:52

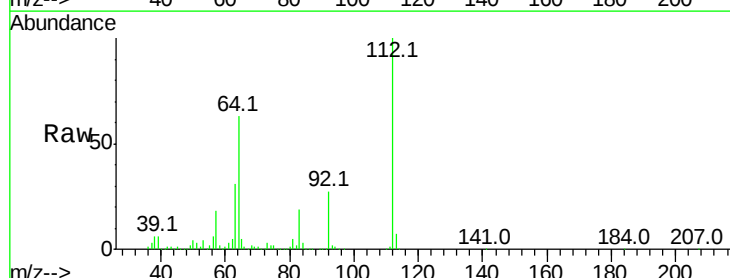
Tgt Ion:112 Resp: 1019307

Ion Ratio Lower Upper

112 100

64 63.2 58.4 87.6

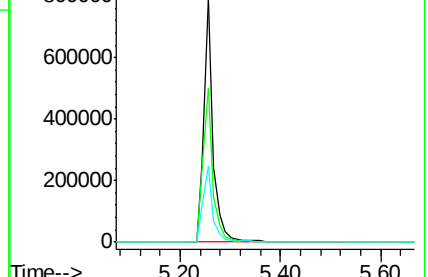
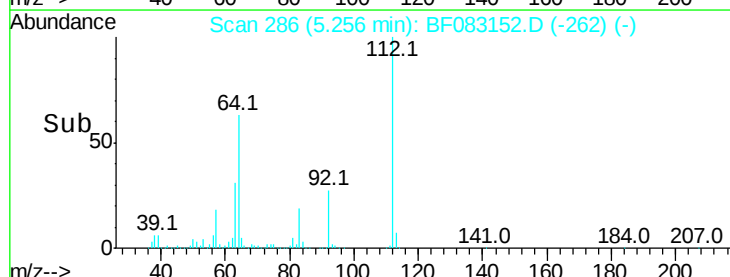
63 31.2 30.0 45.0

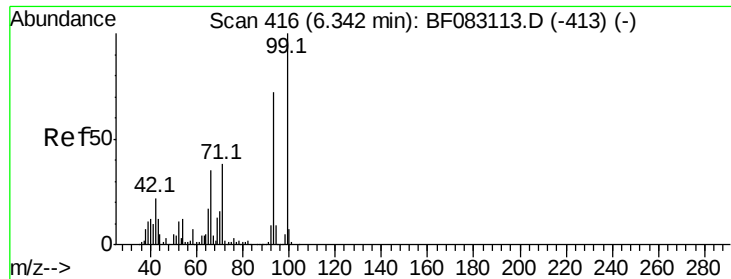


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.45 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083152.D

Acq: 22 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

DUP-111815-2

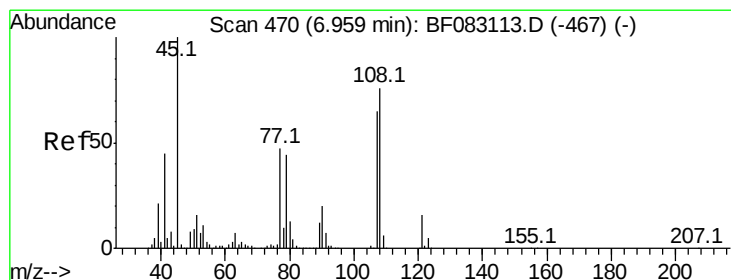
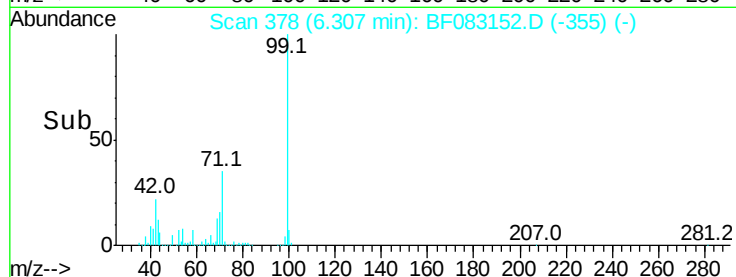
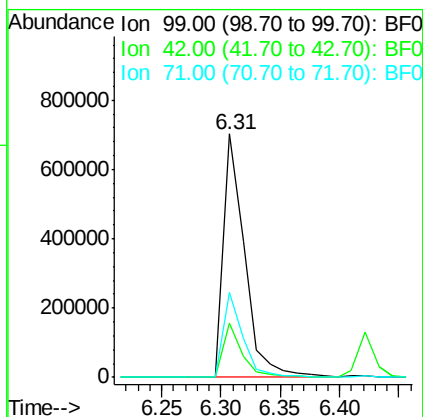
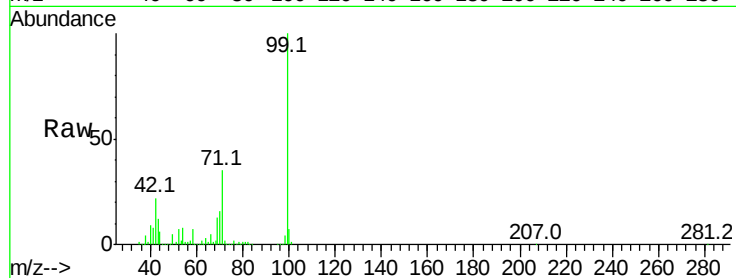
Tot Ion: 99 Resp: 868315

Ion Ratio Lower Upper

99 100

42 22.3 17.7 26.5

71 35.1 30.2 45.4



#17

2-Methylphenol

Concen: 15.59 ng

RT: 6.94 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083152.D

Acq: 22 Nov 2015 11:52

Tgt Ion: 107 Resp: 178328

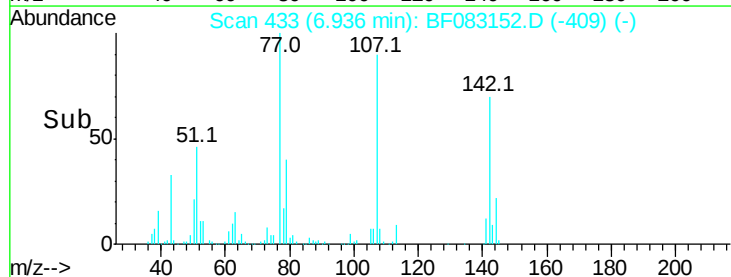
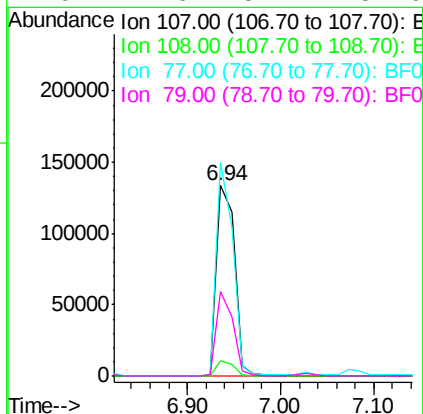
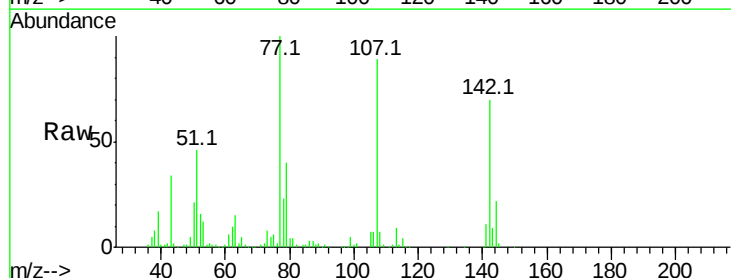
Ion Ratio Lower Upper

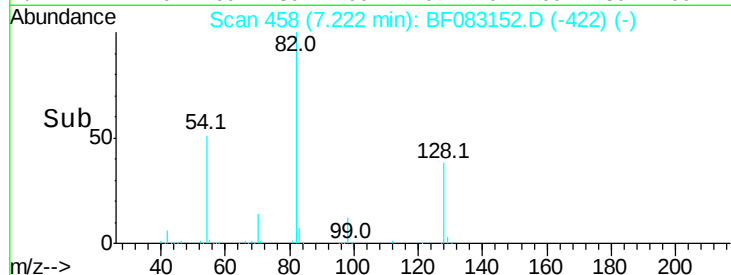
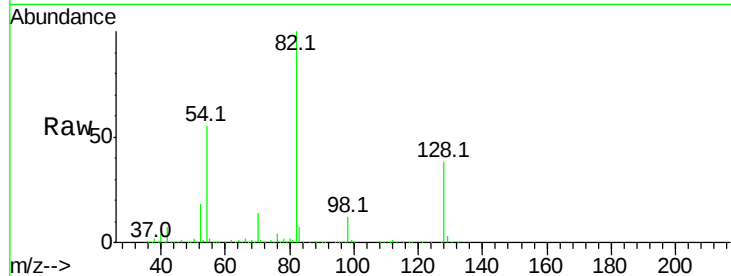
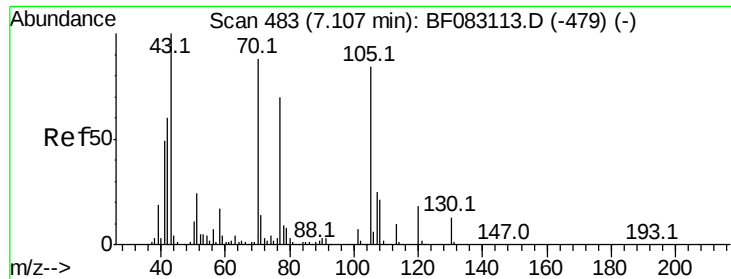
107 100

108 8.3 93.8 140.6#

77 112.3 57.4 86.0#

79 44.6 54.4 81.6#

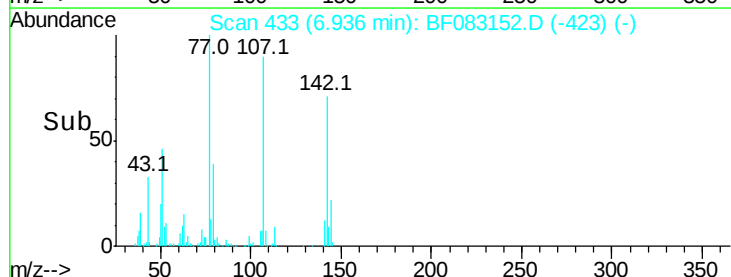
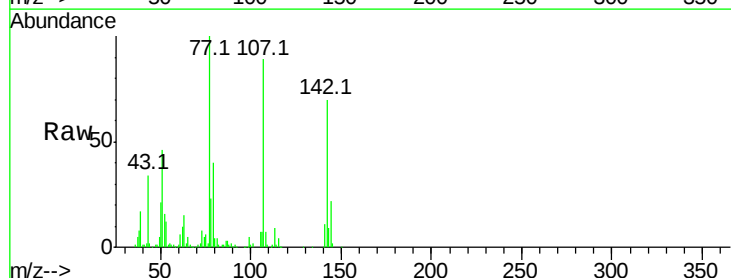
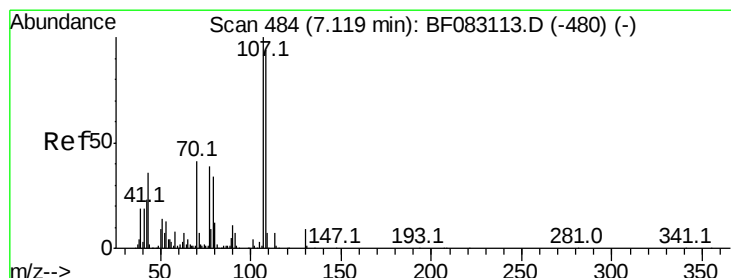
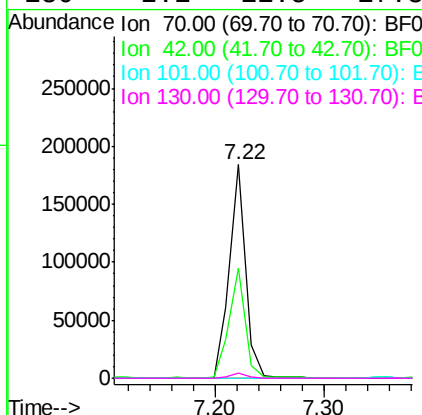




#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

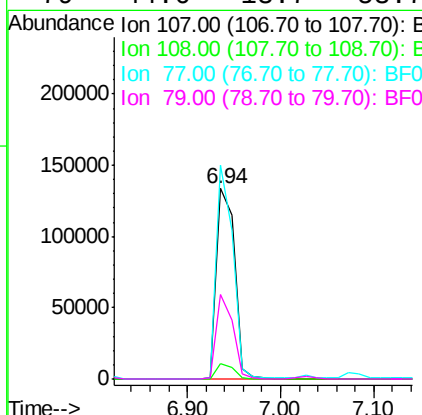
Instrument :
BNA_F
ClientSampleId :
DUP-111815-2

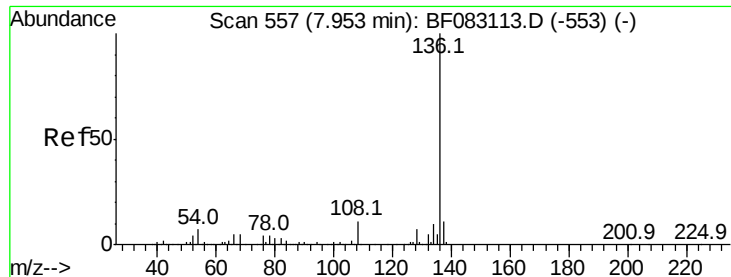
Tot Ion: 70 Resp: 192545
Ion Ratio Lower Upper
70 100
42 51.6 54.5 81.7#
101 0.0 6.6 9.8#
130 2.1 11.5 17.3#



#20
3+4-Methylphenols
Concen: 12.33 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.18 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Tgt Ion:107 Resp: 178328
Ion Ratio Lower Upper
107 100
108 8.3 73.8 113.8#
77 112.3 19.1 59.1#
79 44.6 13.7 53.7

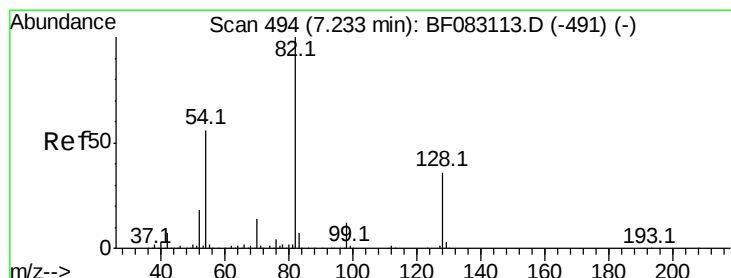
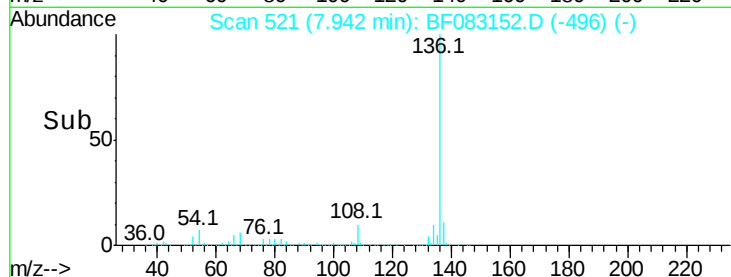
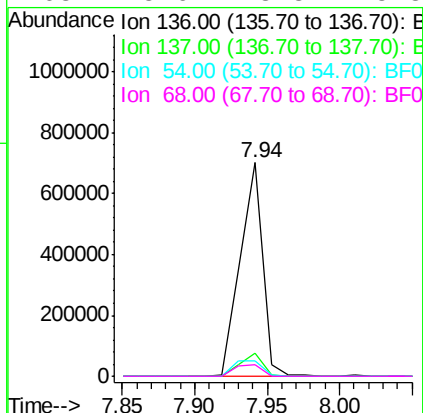
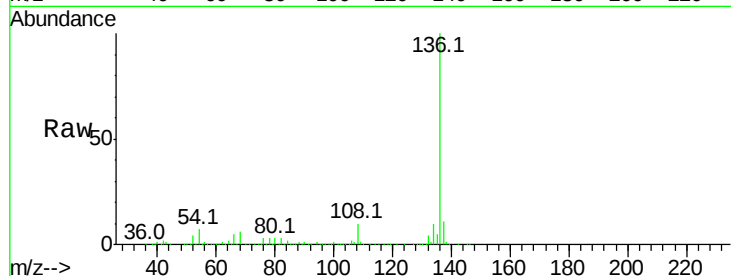




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

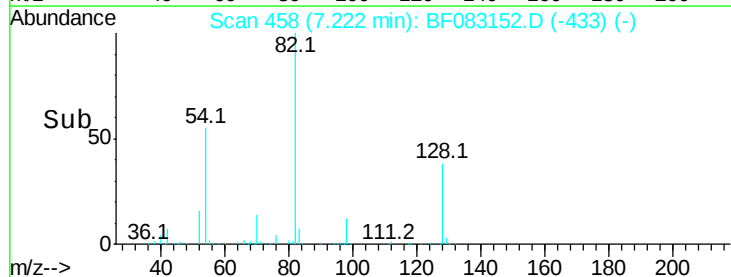
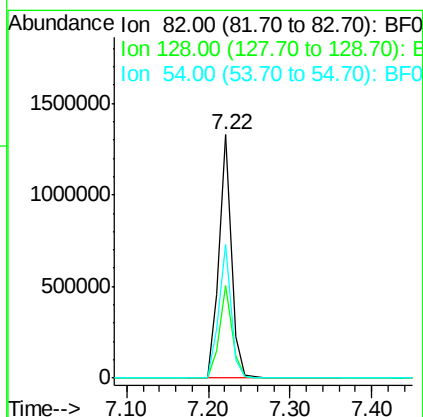
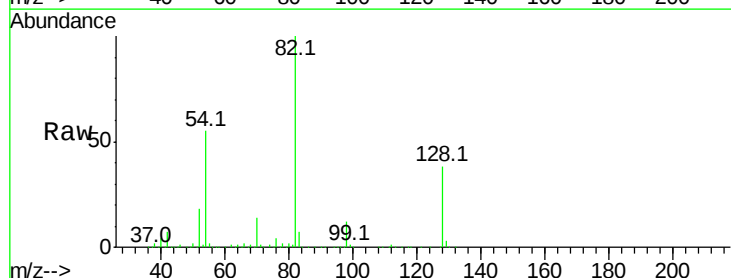
Instrument :
BNA_F
ClientSampleId :
DUP-111815-2

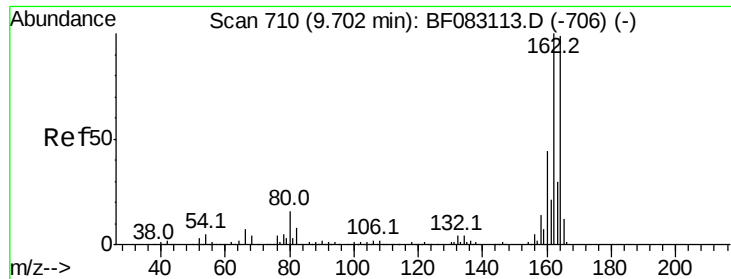
Tot Ion:	136	Resp:	756861
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	5.8	8.6
68	5.6	3.8	5.8



#23
Nitrobenzene-d5
Concen: 85.11 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Tgt Ion:	82	Resp:	1409784
Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.5	42.7
54	54.9	44.6	67.0

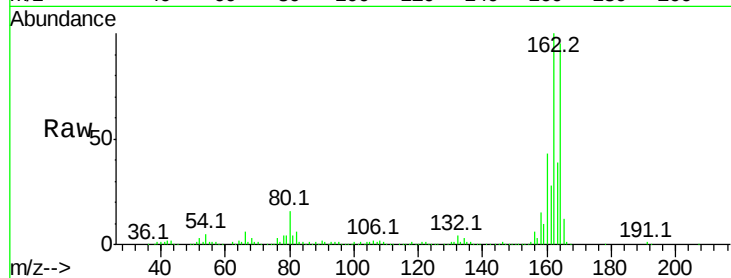




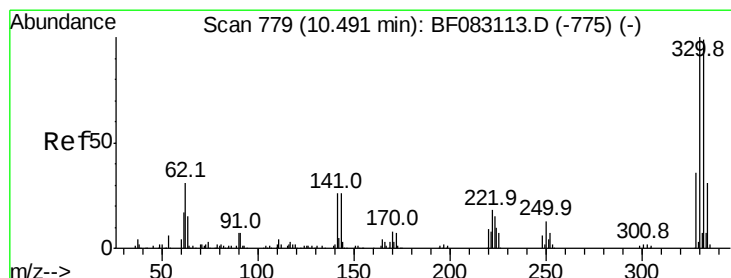
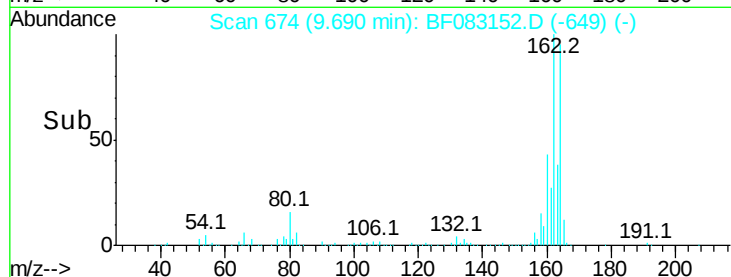
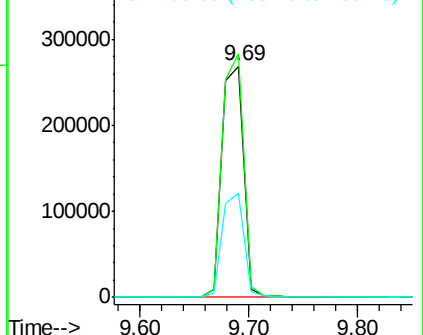
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Instrument :
BNA_F
ClientSampleId :
DUP-111815-2

Tot Ion:164 Resp: 375059
Ion Ratio Lower Upper
164 100
162 105.3 81.2 121.8
160 45.0 35.6 53.4

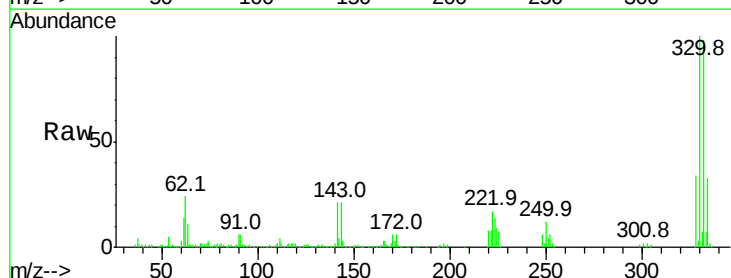


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

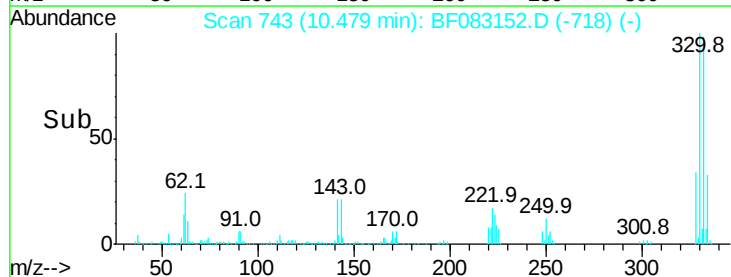
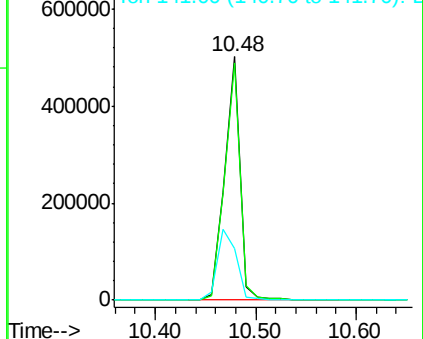


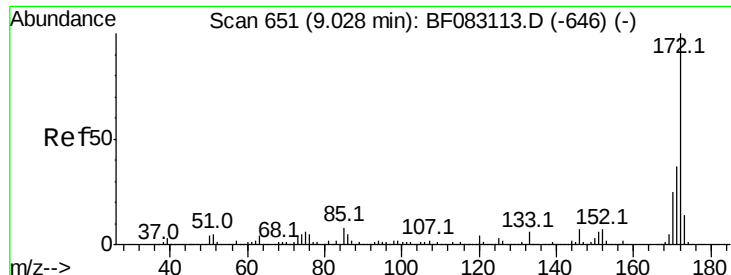
#41
2,4,6-Tribromophenol
Concen: 139.62 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Tgt Ion:330 Resp: 535717
Ion Ratio Lower Upper
330 100
332 97.9 77.7 116.5
141 36.1 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



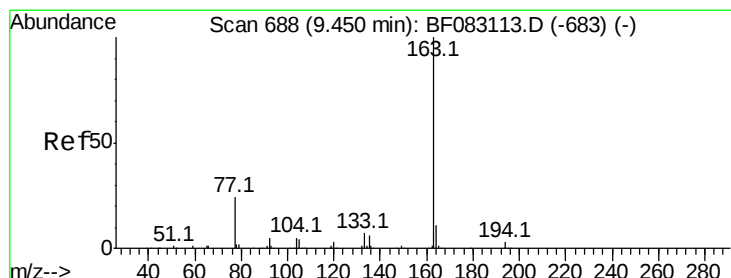
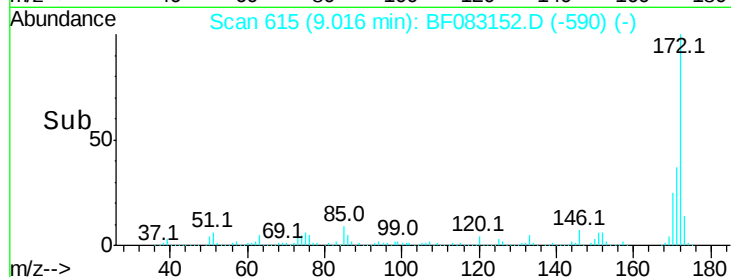
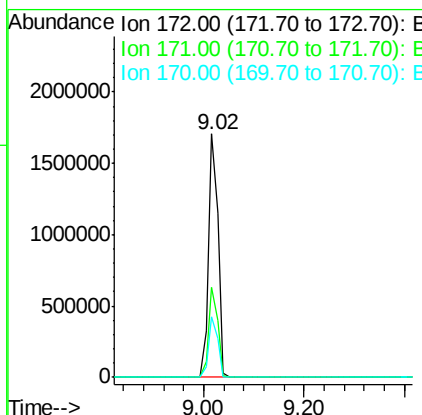
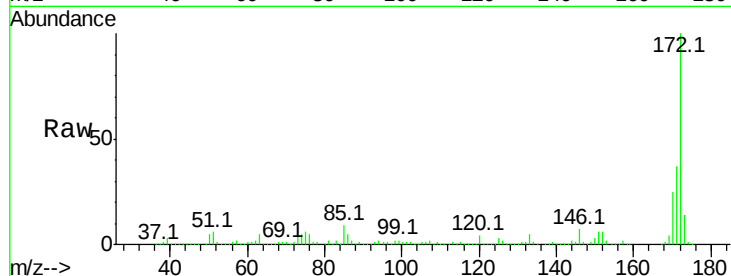


#44
 2-Fluorobiphenyl
 Concen: 82.74 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083152.D
 Acq: 22 Nov 2015 11:52

Instrument :
 BNA_F
 ClientSampleId :
 DUP-111815-2

Tot Ion:172 Resp: 2225312

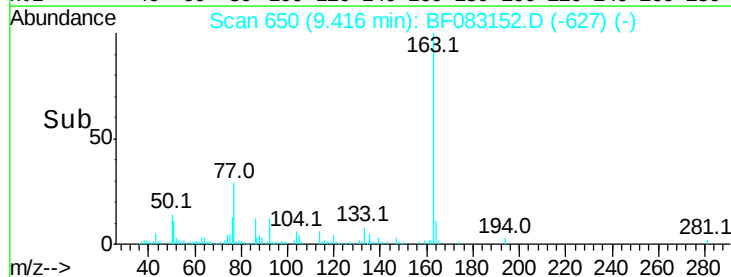
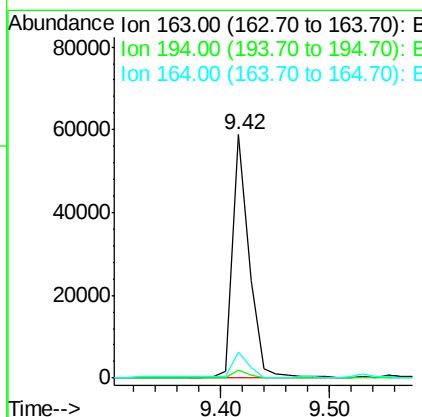
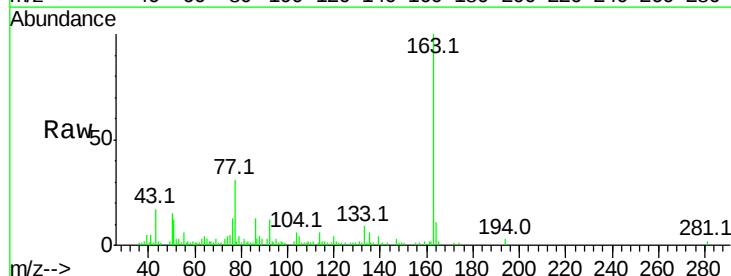
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.1	19.9	29.9

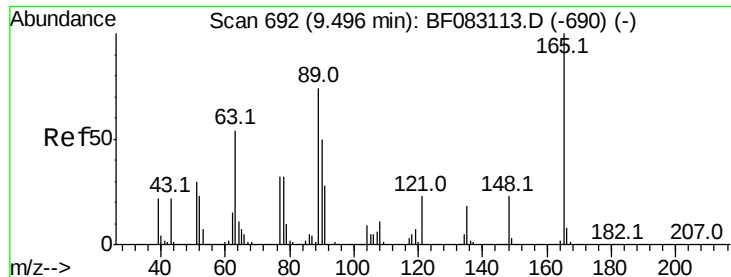


#49
 Dimethylphthalate
 Concen: 2.12 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083152.D
 Acq: 22 Nov 2015 11:52

Tgt Ion:163 Resp: 61149

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.6	12.8





#50

2,6-Dinitrotoluene

Concen: 7.68 ng

RT: 9.69 min Scan# 674

Delta R.T. 0.19 min

Lab File: BF083152.D

Acq: 22 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

DUP-111815-2

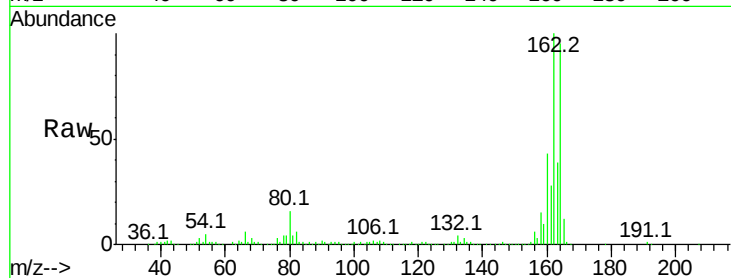
Tot Ion:165 Resp: 49756

Ion Ratio Lower Upper

165 100

63 2.5 62.5 93.7#

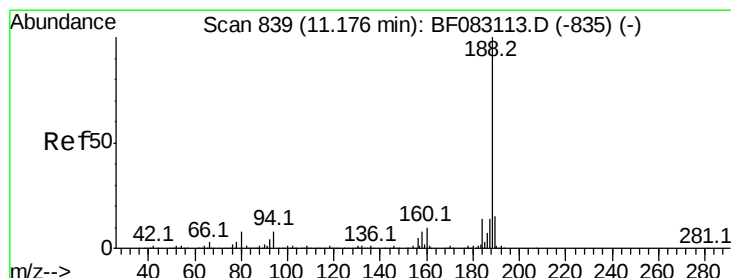
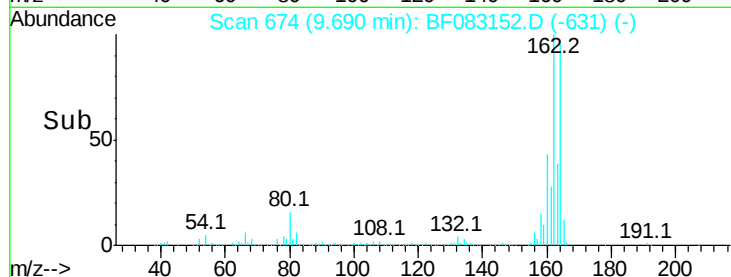
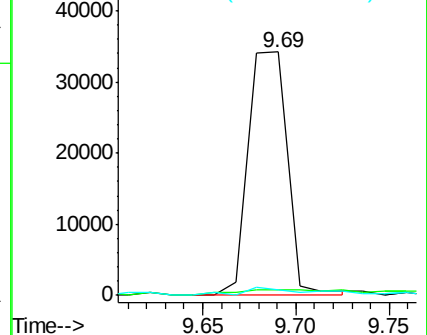
89 2.3 59.1 88.7#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083152.D

Acq: 22 Nov 2015 11:52

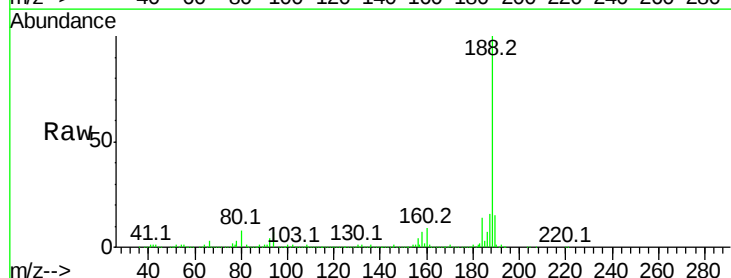
Tgt Ion:188 Resp: 696590

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

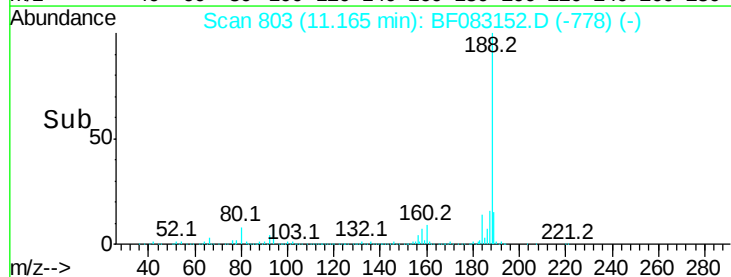
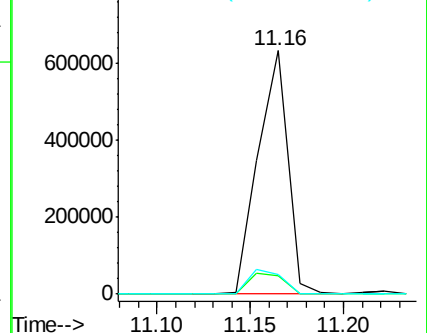
80 8.0 6.7 10.1

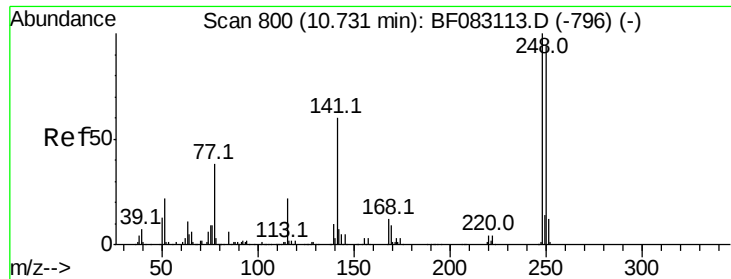


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

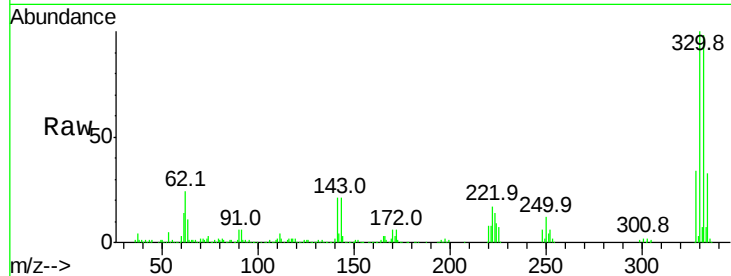




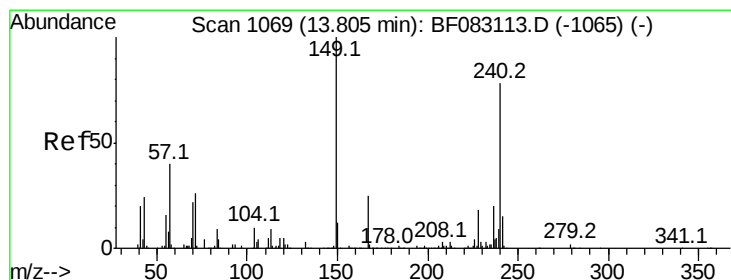
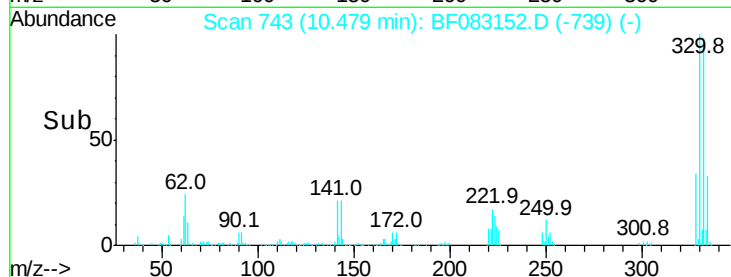
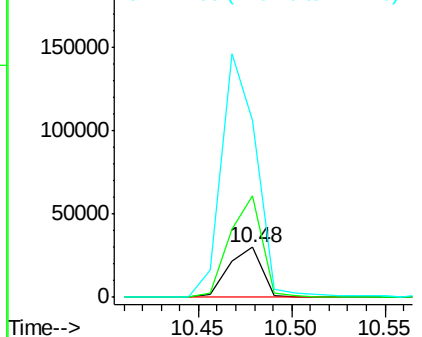
#66
4-Bromophenyl-phenylether
Concen: 4.85 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Instrument :
BNA_F
ClientSampleId :
DUP-111815-2

Tot Ion:248 Resp: 37503
Ion Ratio Lower Upper
248 100
250 201.6 75.4 113.2#
141 352.7 48.1 72.1#

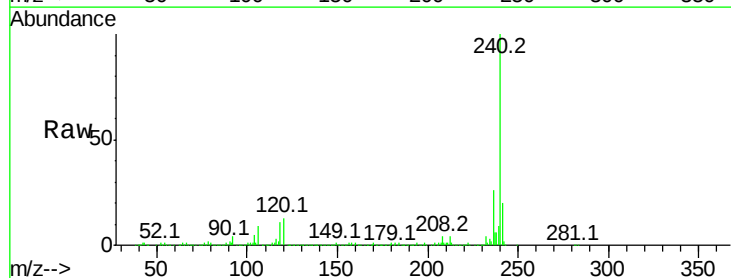


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

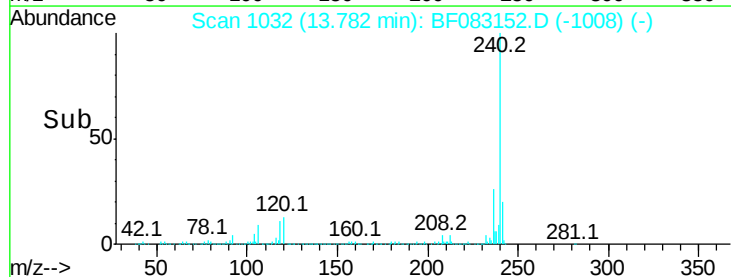
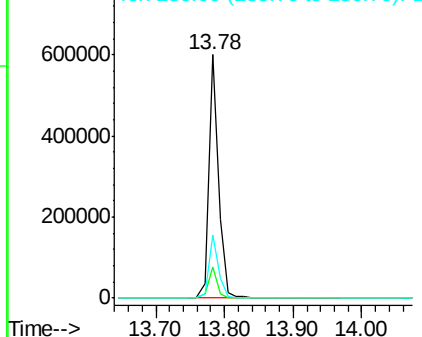


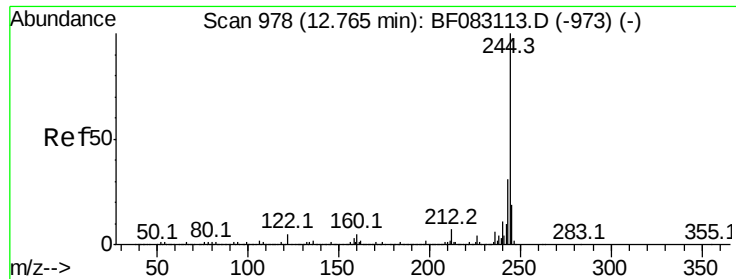
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083152.D
Acq: 22 Nov 2015 11:52

Tgt Ion:240 Resp: 590443
Ion Ratio Lower Upper
240 100
120 12.7 5.4 8.2#
236 26.1 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

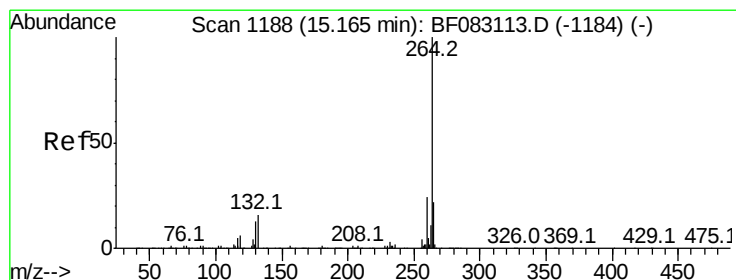
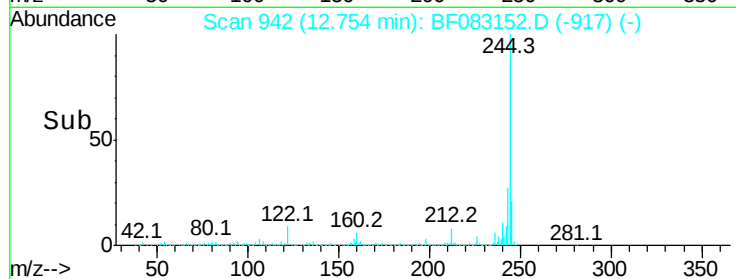
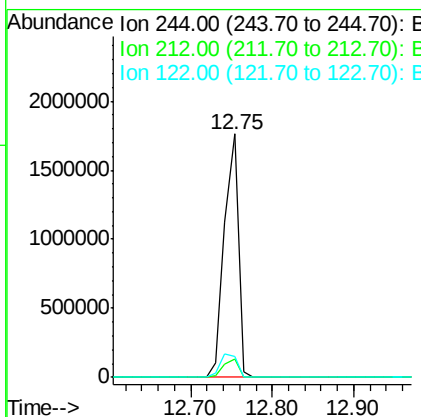
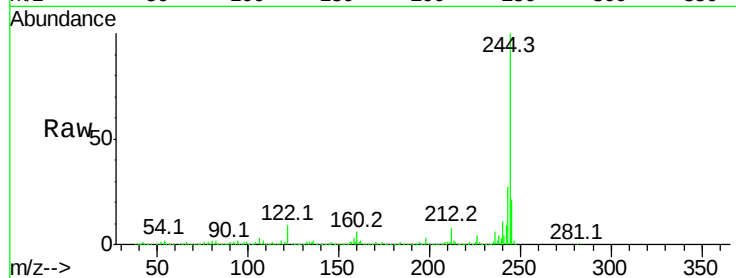




#78
 Terphenyl-d14
 Concen: 83.55 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083152.D
 Acq: 22 Nov 2015 11:52

Instrument :
 BNA_F
 ClientSampleId :
 DUP-111815-2

Tot Ion:244 Resp: 2094892
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 8.7 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083152.D
 Acq: 22 Nov 2015 11:52

Tgt Ion:264 Resp: 462923
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 18.2 27.4

