

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083153.D
 Acq On : 22 Nov 2015 12:21
 Operator : UM/IZ
 Sample : G4510-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-111815

Quant Time: Nov 23 03:35:43 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

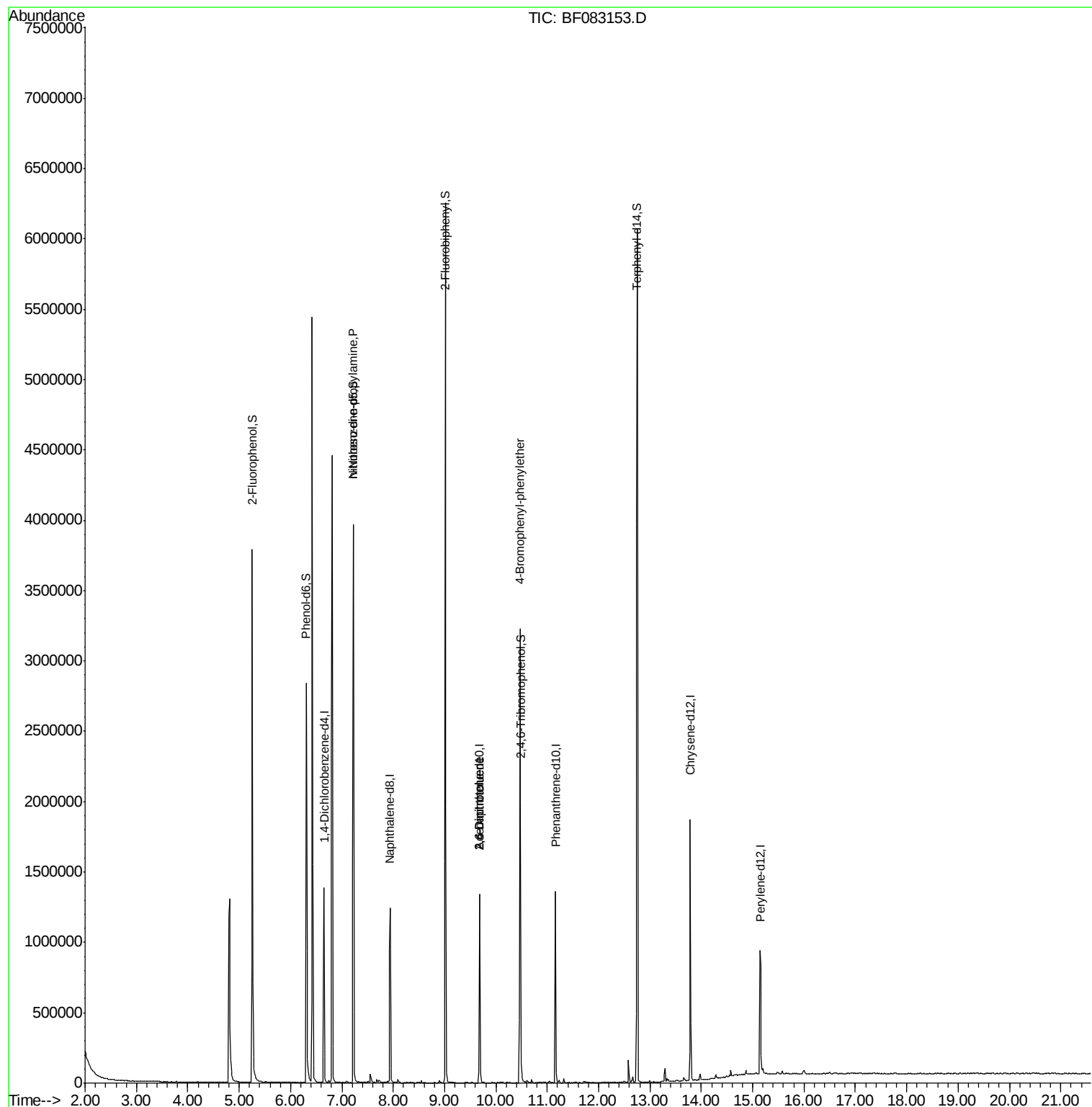
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	210353	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	761654	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	383844	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	729193	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	639556	20.00	ng	-0.02
86) Perylene-d12	15.15	264	506156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1098377	78.94	ng	-0.02
7) Phenol-d6	6.31	99	1026401	57.01	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1486027	89.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	498138	126.85	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2246423	81.61	ng	-0.01
78) Terphenyl-d14	12.75	244	2382732	87.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	1603	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	202647	16.17	ng	# 78
50) 2,6-Dinitrotoluene	9.68	165	50288	7.58	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	50515	6.01	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	32948	4.07	ng	# 1

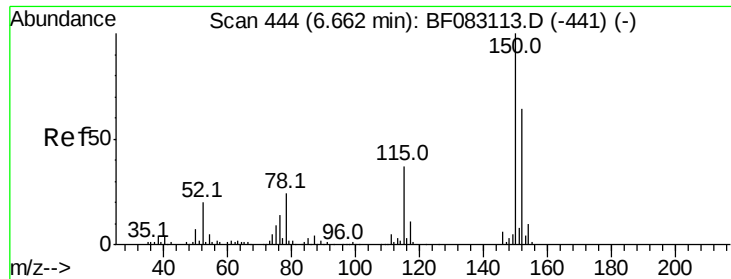
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083153.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-111815

Quant Time: Nov 23 03:35:43 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: BF083153.D

Acq: 22 Nov 2015 12:21

Instrument :

BNA_F

ClientSampleId :

EB-111815

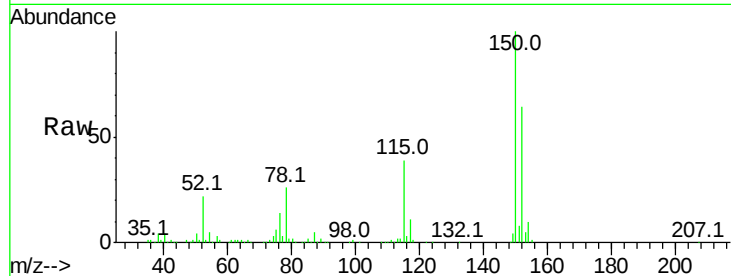
Tot Ion:152 Resp: 210353

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.8

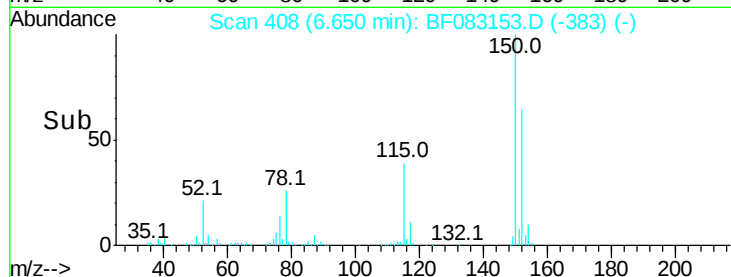
115 60.9 46.9 70.3



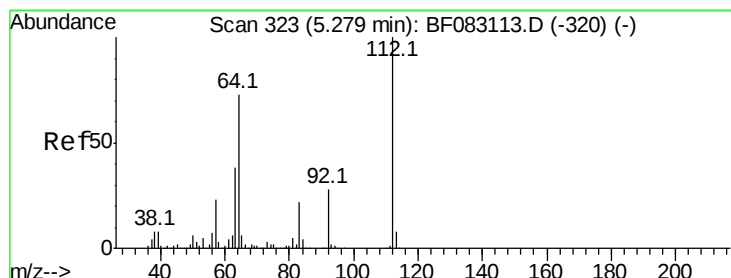
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 78.94 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

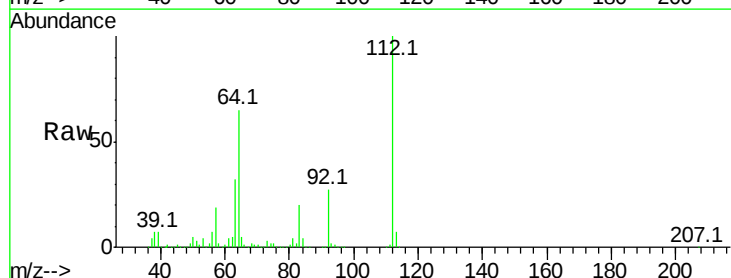
Tgt Ion:112 Resp: 1098377

Ion Ratio Lower Upper

112 100

64 64.8 58.4 87.6

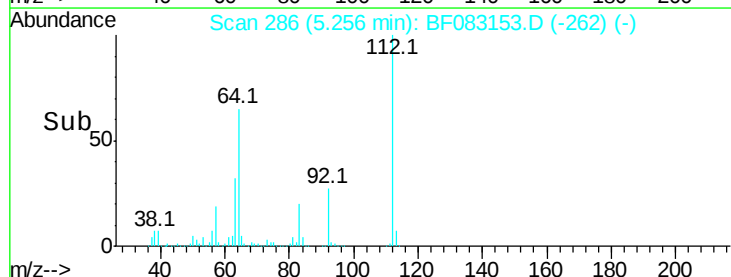
63 31.7 30.0 45.0



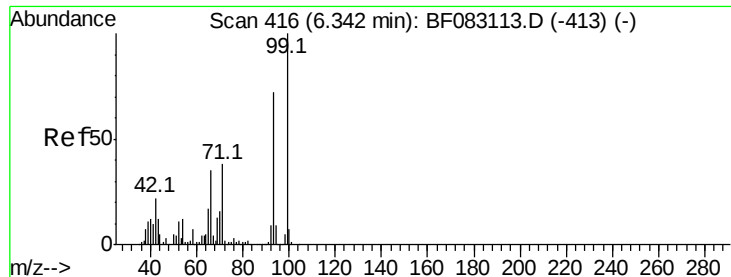
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 57.01 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

Instrument :

BNA_F

ClientSampleId :

EB-111815

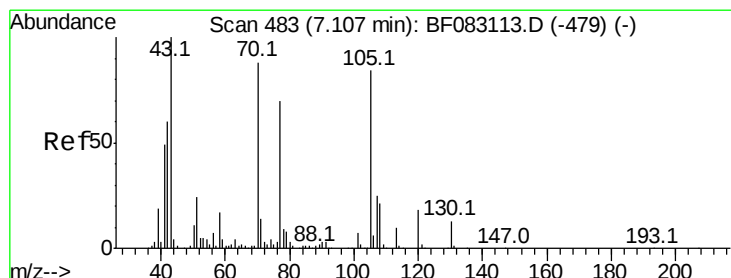
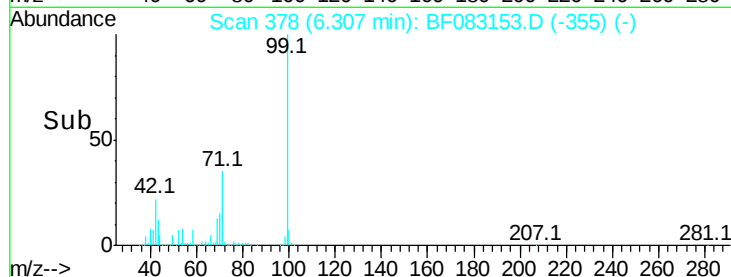
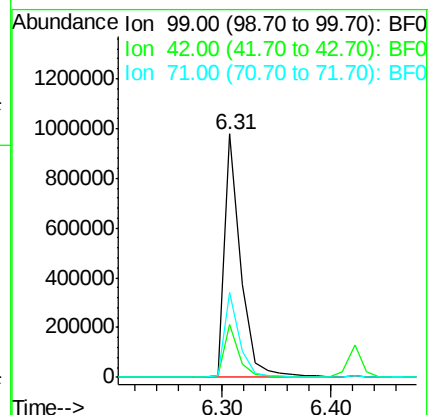
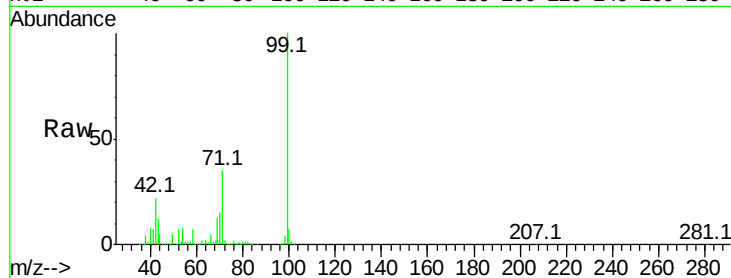
Tot Ion: 99 Resp: 1026401

Ion Ratio Lower Upper

99 100

42 21.5 17.7 26.5

71 35.1 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.17 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

Tgt Ion: 70 Resp: 202647

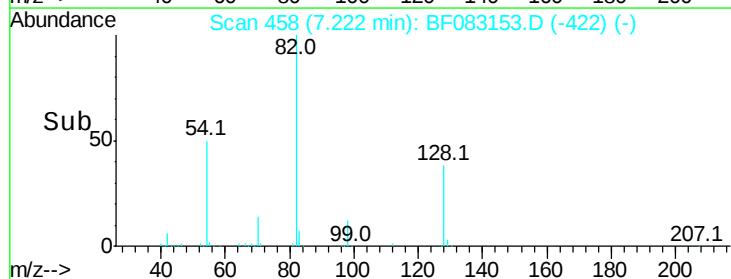
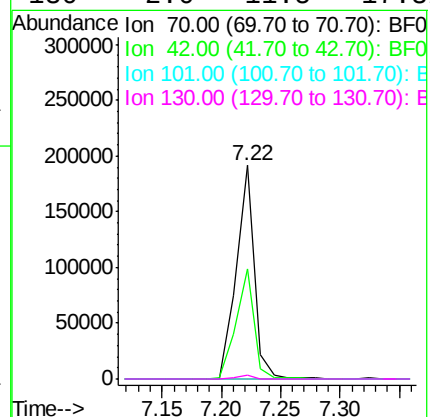
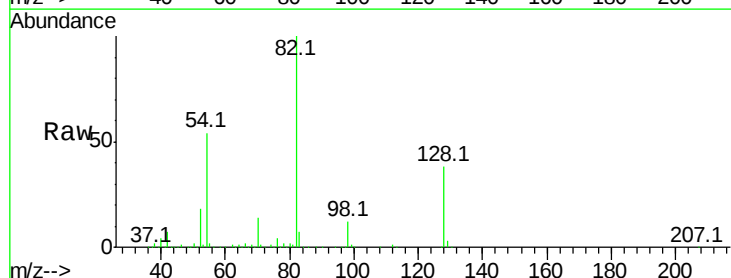
Ion Ratio Lower Upper

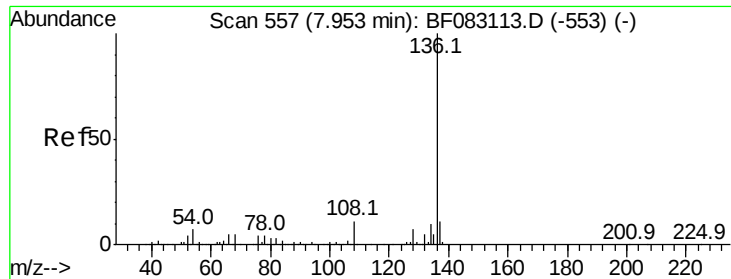
70 100

42 51.3 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 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: BF083153.D

Acq: 22 Nov 2015 12:21

Instrument :

BNA_F

ClientSampleId :

EB-111815

Tot Ion:136 Resp: 761654

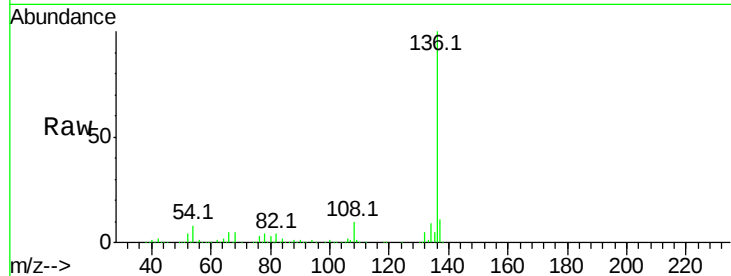
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.9 5.8 8.6

68 5.4 3.8 5.8

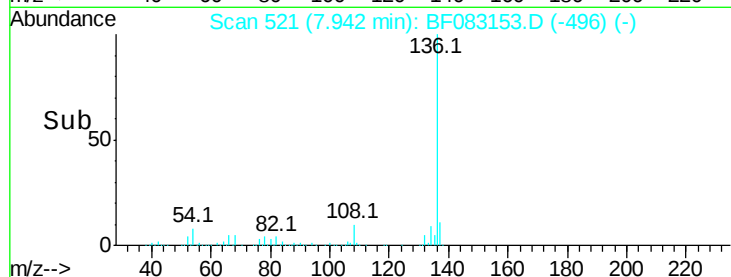


Abundance Ion 136.00 (135.70 to 136.70): E

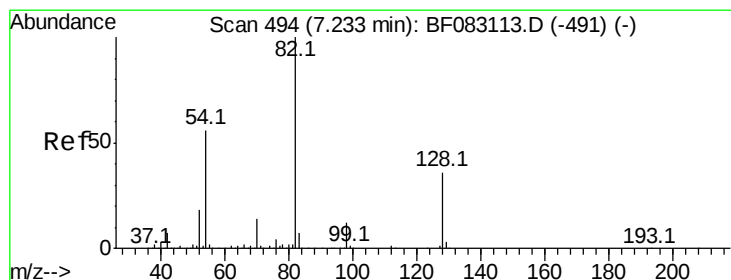
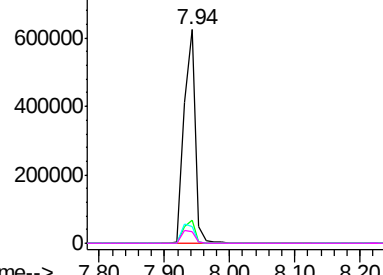
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.15 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

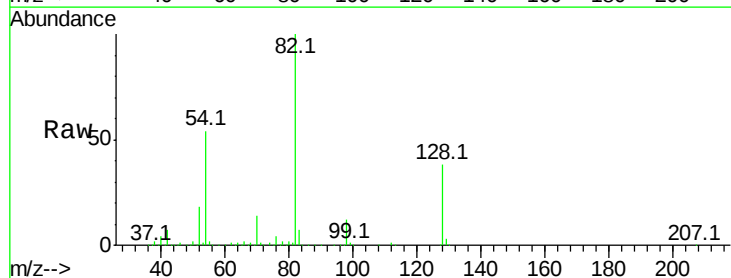
Tgt Ion: 82 Resp: 1486027

Ion Ratio Lower Upper

82 100

128 38.1 28.5 42.7

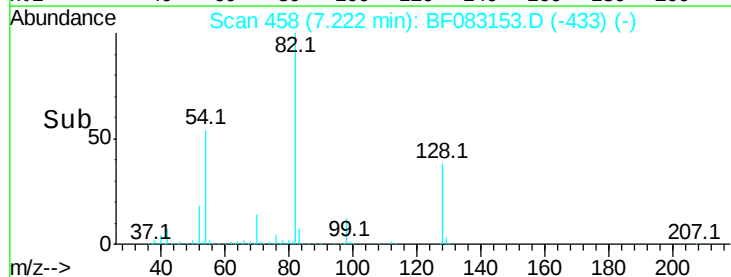
54 54.5 44.6 67.0



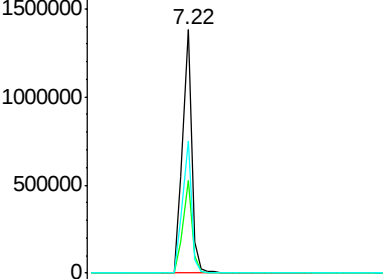
Abundance Ion 82.00 (81.70 to 82.70): BF0

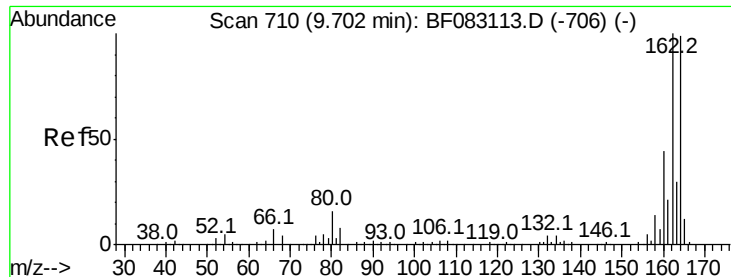
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

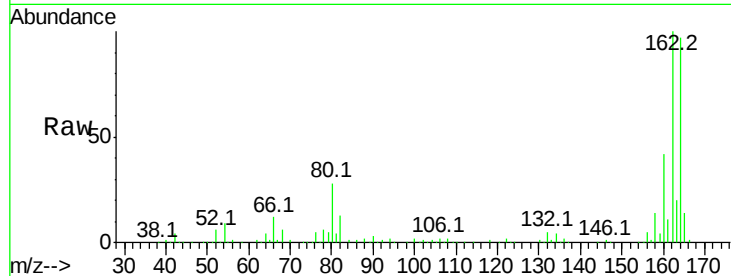




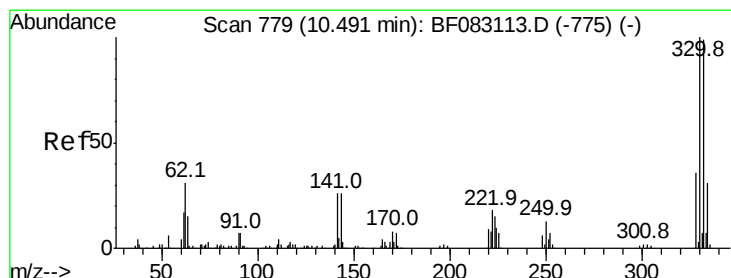
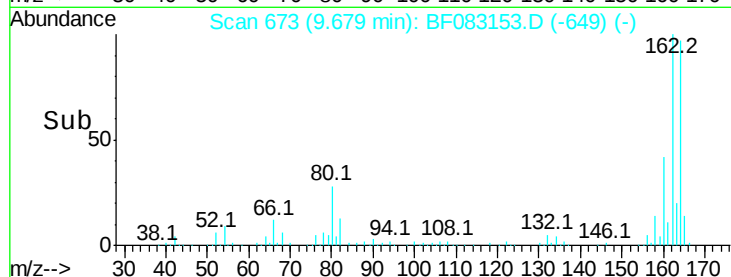
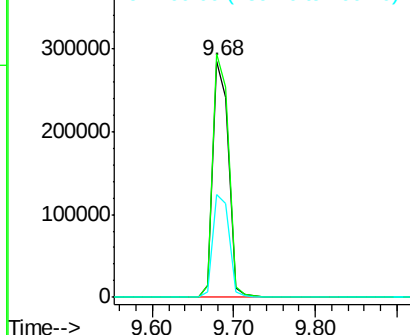
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083153.D
Acq: 22 Nov 2015 12:21

Instrument :
BNA_F
ClientSampleId :
EB-111815

Tot Ion:164 Resp: 383844
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 43.6 35.6 53.4

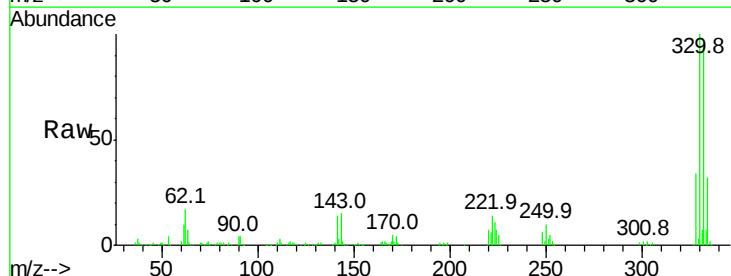


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

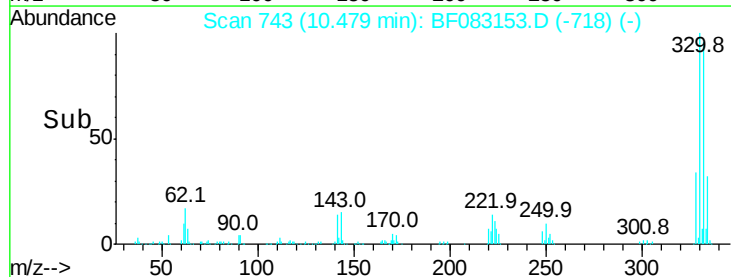
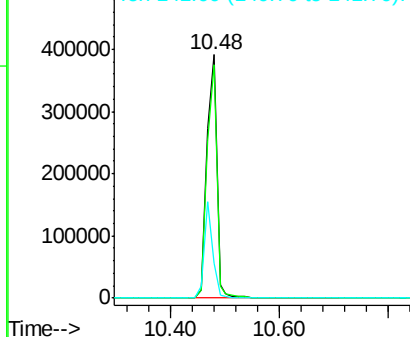


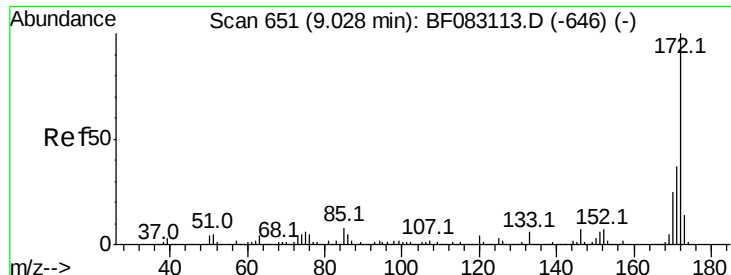
#41
2,4,6-Tribromophenol
Concen: 126.85 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083153.D
Acq: 22 Nov 2015 12:21

Tgt Ion:330 Resp: 498138
Ion Ratio Lower Upper
330 100
332 94.4 77.7 116.5
141 33.5 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



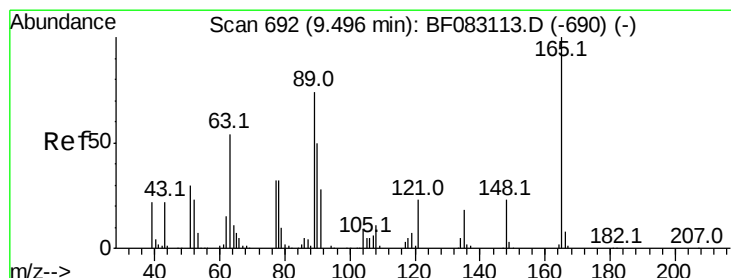
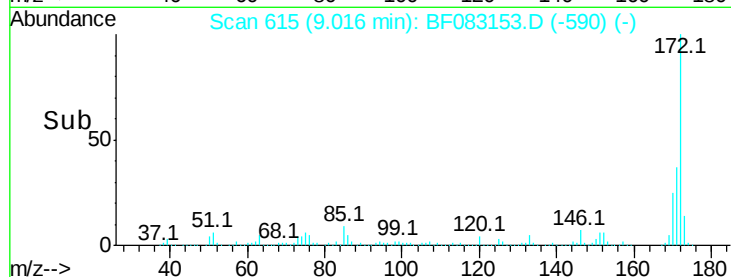
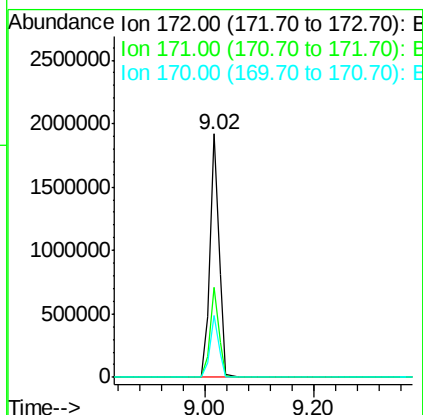
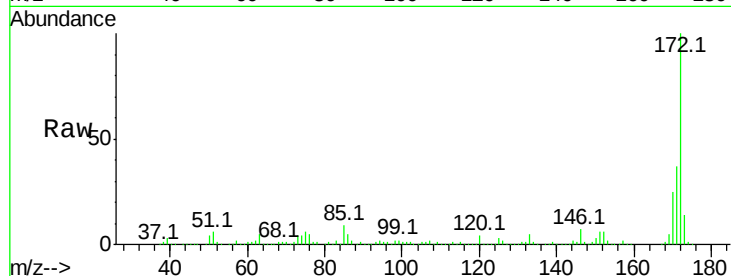


#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083153.D
 Acq: 22 Nov 2015 12:21

Instrument :
 BNA_F
 ClientSampleId :
 EB-111815

Tot Ion:172 Resp: 2246423

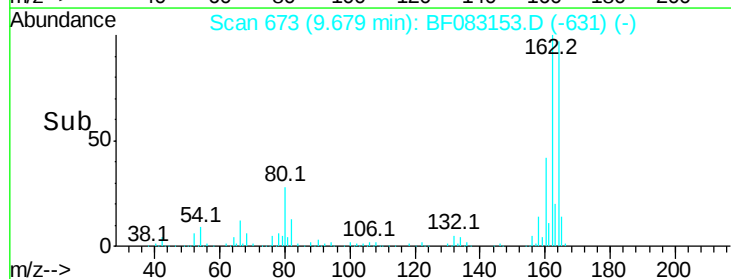
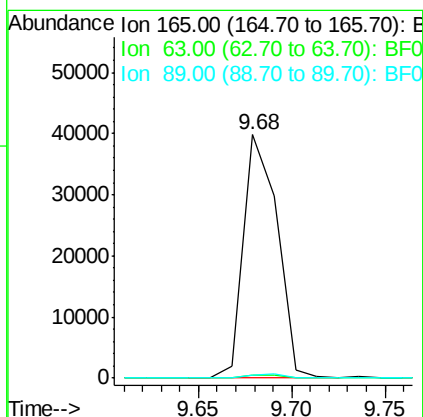
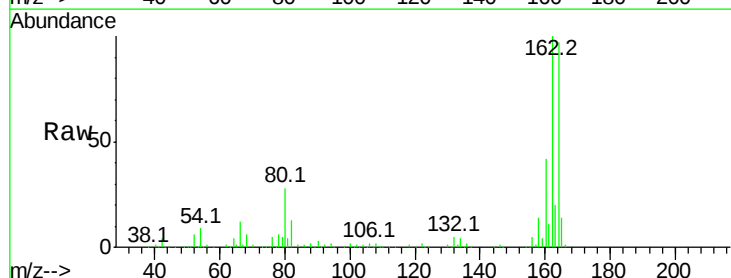
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.4	19.9	29.9

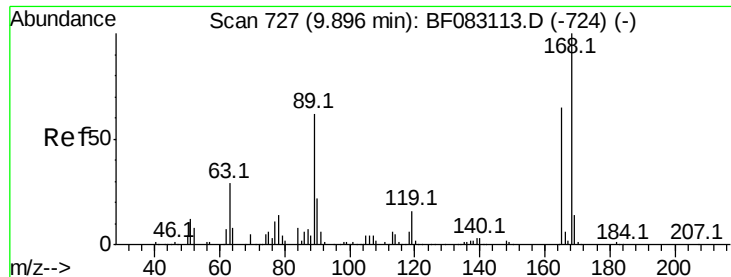


#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083153.D
 Acq: 22 Nov 2015 12:21

Tgt Ion:165 Resp: 50288

Ion	Ratio	Lower	Upper
165	100		
63	1.4	62.5	93.7#
89	1.3	59.1	88.7#

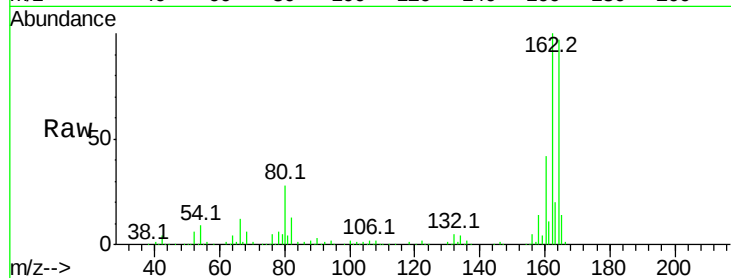




#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083153.D
Acq: 22 Nov 2015 12:21

Instrument :
BNA_F
ClientSampleId :
EB-111815

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.5	81.7#
89	1.3	77.3	115.9#
182	0.0	1.8	2.6#



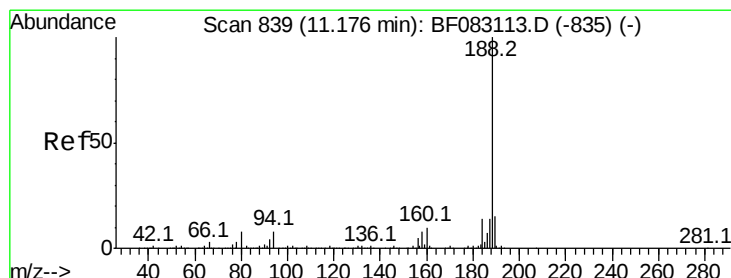
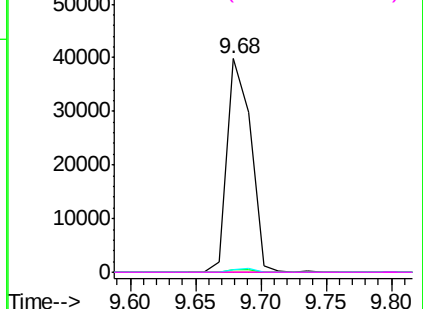
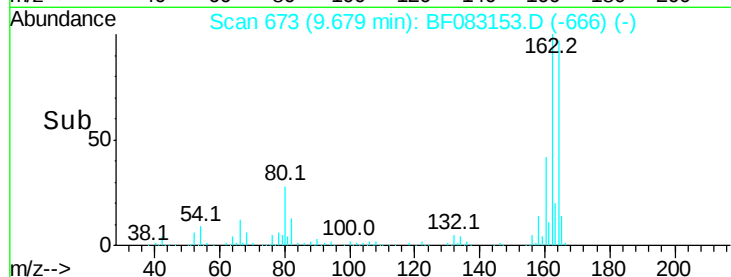
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

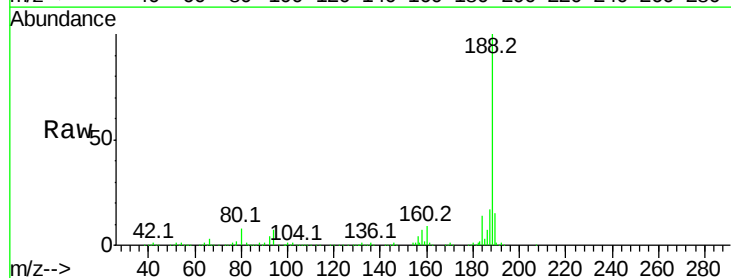
Ion 89.00 (88.70 to 89.70): BF0

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: BF083153.D
Acq: 22 Nov 2015 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	7.9	6.7	10.1

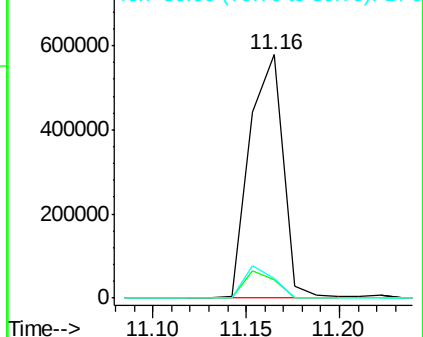
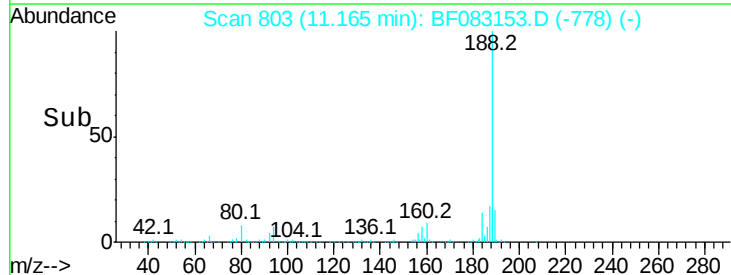


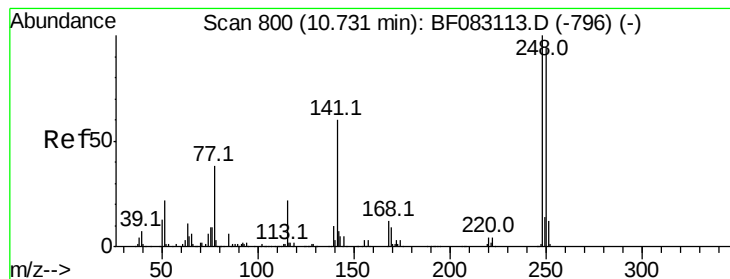
Abundance

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: 4.07 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

Instrument :

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EB-111815

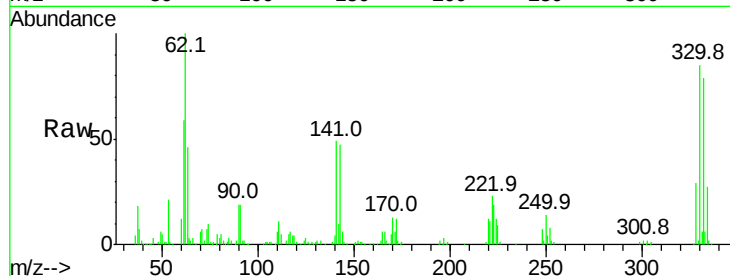
Tot Ion:248 Resp: 32948

Ion Ratio Lower Upper

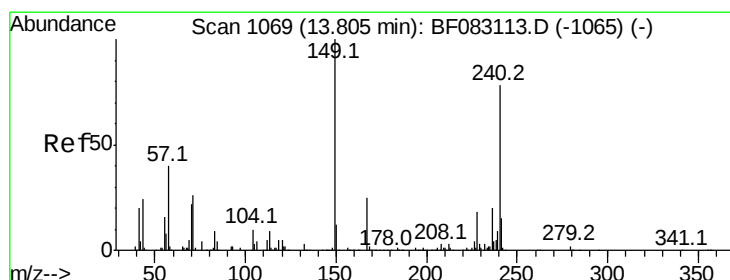
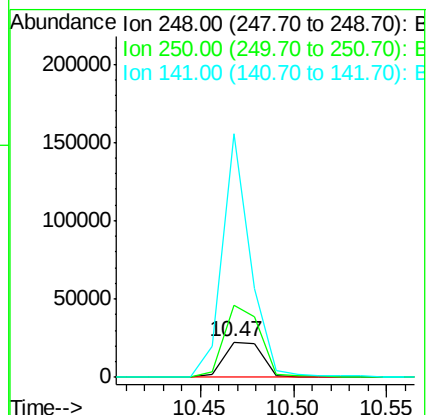
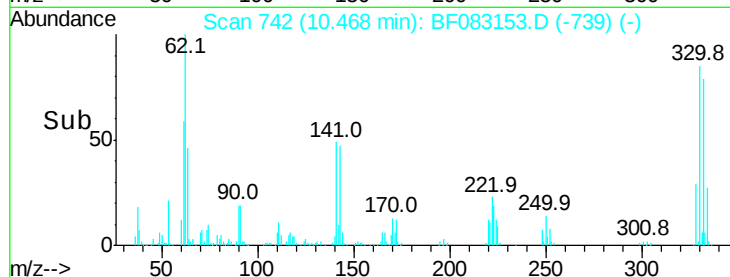
248 100

250 204.7 75.4 113.2#

141 688.1 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: BF083153.D

Acq: 22 Nov 2015 12:21

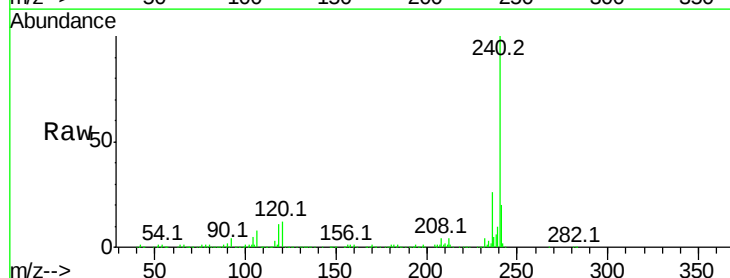
Tgt Ion:240 Resp: 639556

Ion Ratio Lower Upper

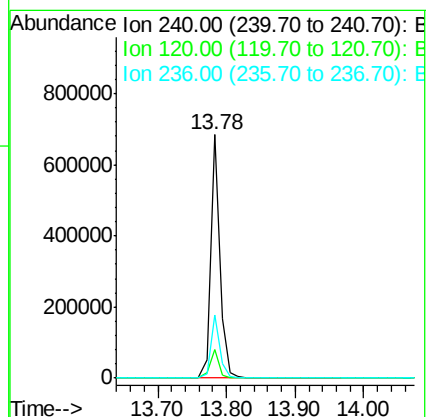
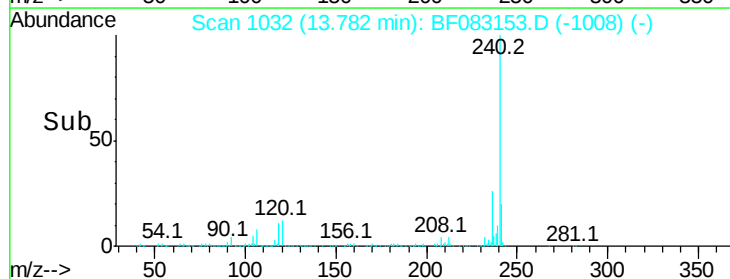
240 100

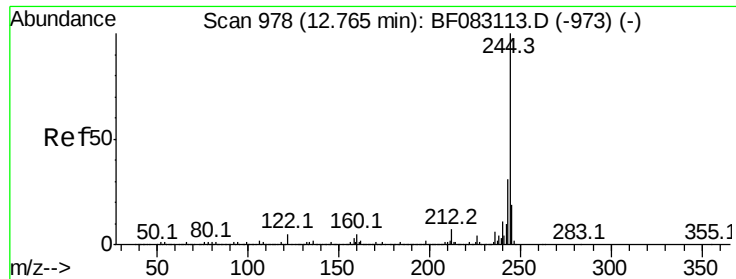
120 11.7 5.4 8.2#

236 25.7 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: 87.73 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

Instrument :

BNA_F

ClientSampleId :

EB-111815

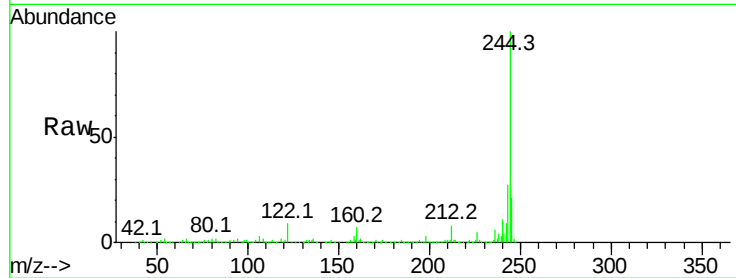
Tot Ion:244 Resp: 2382732

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

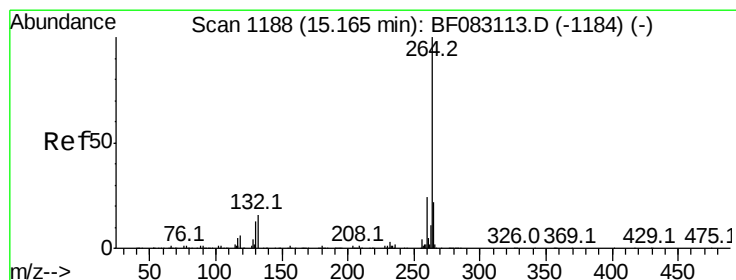
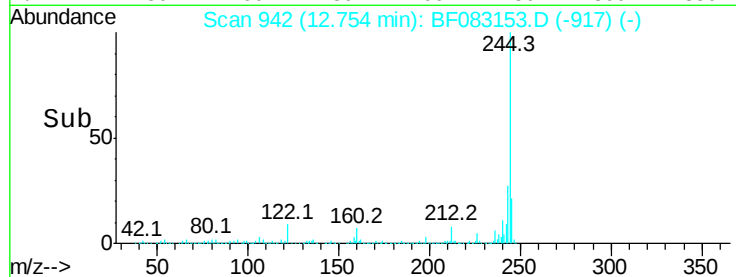
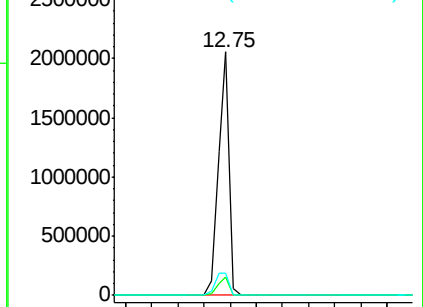
122 9.3 4.3 6.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083153.D

Acq: 22 Nov 2015 12:21

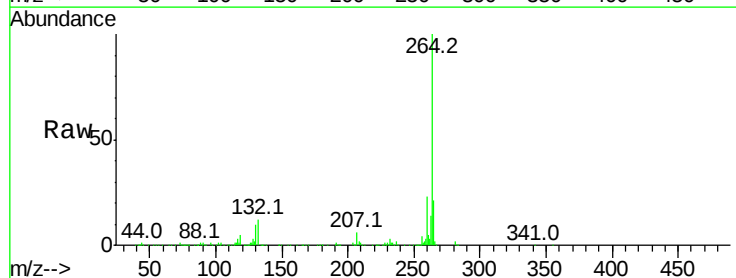
Tgt Ion:264 Resp: 506156

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 18.2 27.4



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

