

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083122.D
 Acq On : 21 Nov 2015 20:32
 Operator : UM/IZ
 Sample : PB86781BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

Quant Time: Nov 22 01:51:48 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 01:05:26 2015
 Response via : Initial Calibration

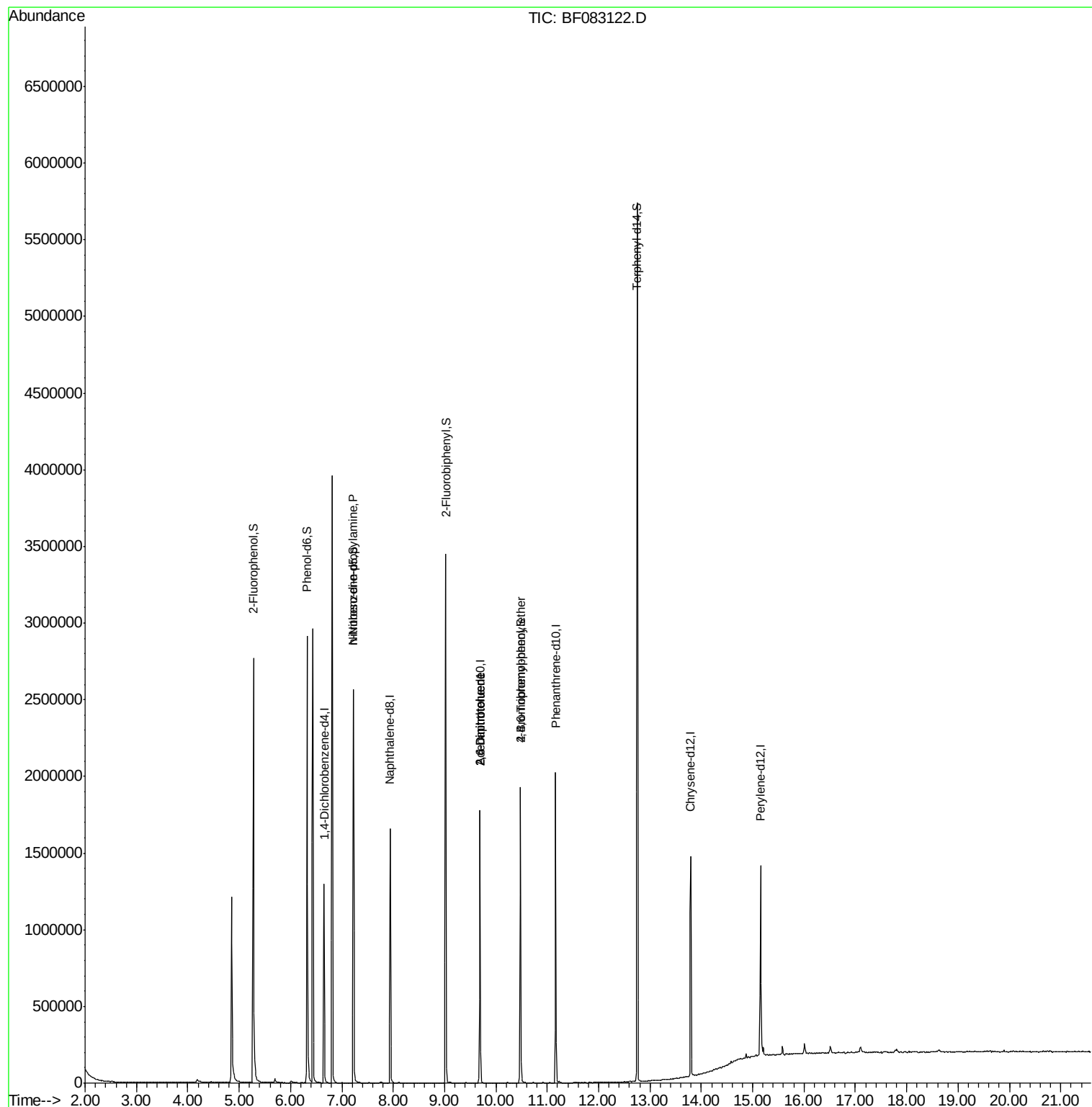
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	195743	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	760686	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	387757	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	733578	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	696909	20.00	ng	-0.01
86) Perylene-d12	15.15	264	583237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	935342	36.12	ng	0.00
7) Phenol-d6	6.32	99	1143885	34.14	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1005869	30.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	275697	34.75	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1829594	32.90	ng	0.00
78) Terphenyl-d14	12.75	244	1815763	30.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	1339	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	130860	11.22 ng	#	77
50) 2,6-Dinitrotoluene	9.69	165	51061	7.62 ng	#	13
56) 2,4-Dinitrotoluene	9.69	165	51064	6.02 ng	#	10
66) 4-Bromophenyl-phenylether	10.48	248	19118	2.35 ng	#	1

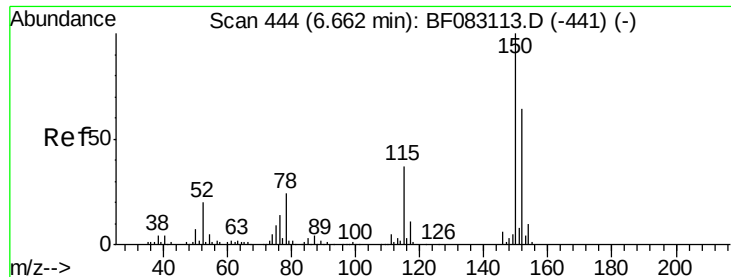
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 01:05:26 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: BF083122.D

Acq: 21 Nov 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PB86781BL

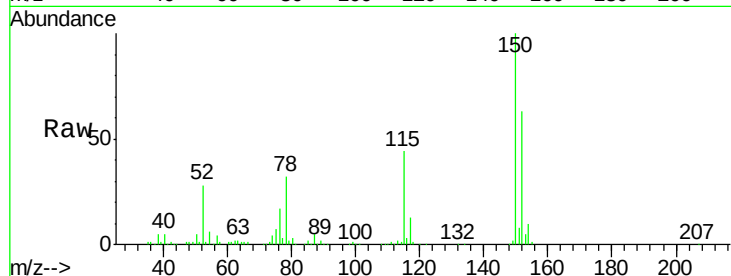
Tgt Ion:152 Resp: 195743

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.8

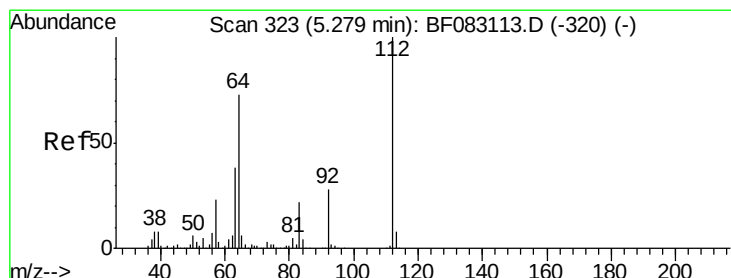
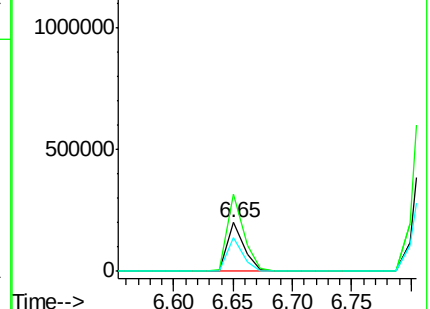
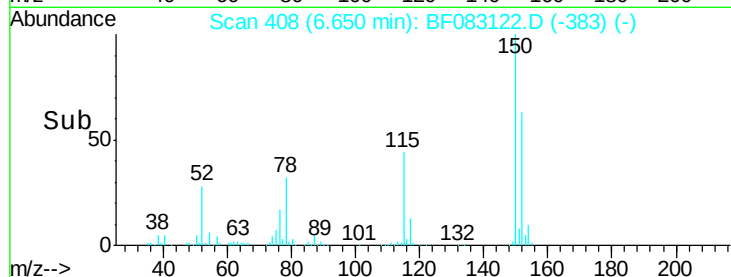
115 69.1 46.9 70.3



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: 36.12 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

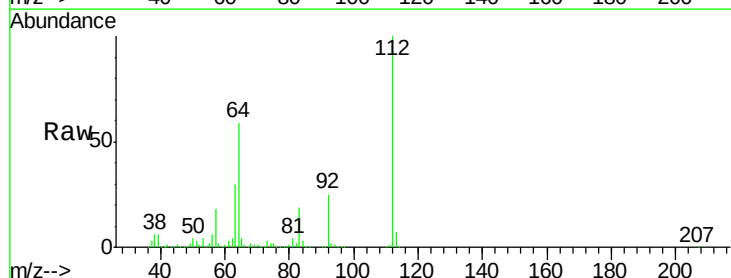
Tgt Ion:112 Resp: 935342

Ion Ratio Lower Upper

112 100

64 59.3 58.4 87.6

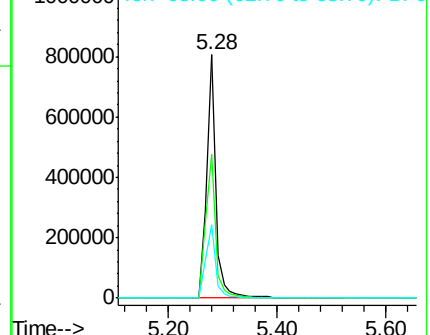
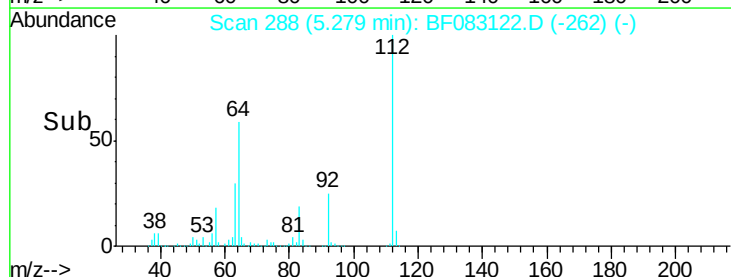
63 30.0 30.0 45.0#

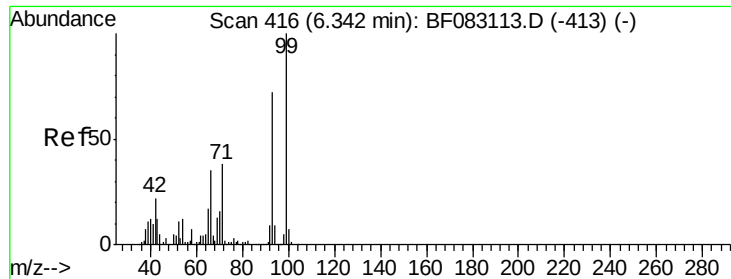


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.14 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PB86781BL

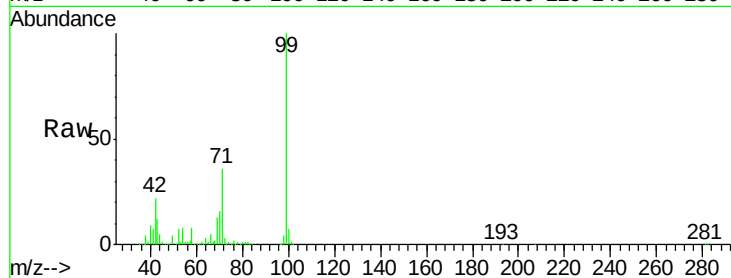
Tgt Ion: 99 Resp: 1143885

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

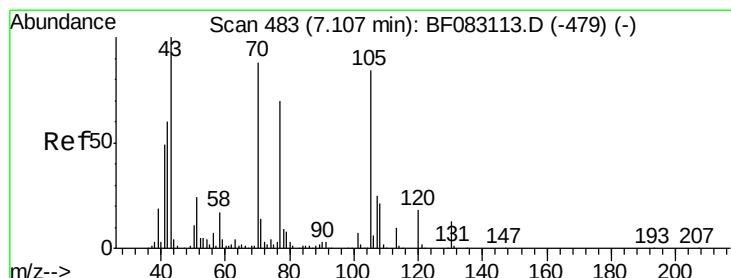
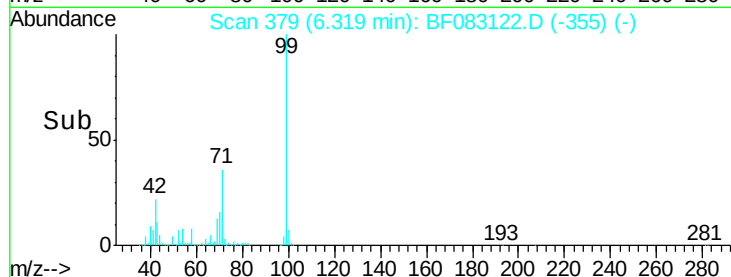
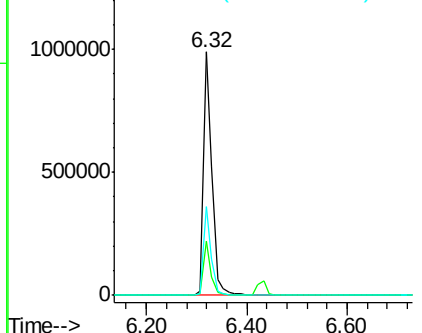
71 36.4 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.22 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Tgt Ion: 70 Resp: 130860

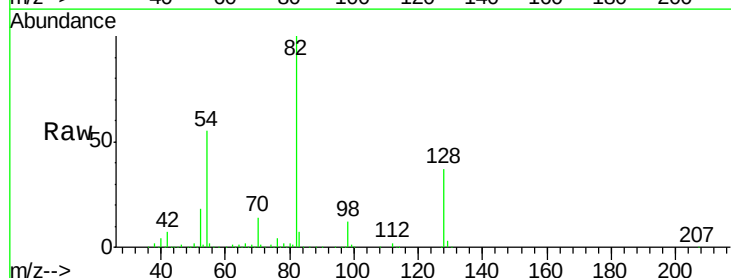
Ion Ratio Lower Upper

70 100

42 51.1 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

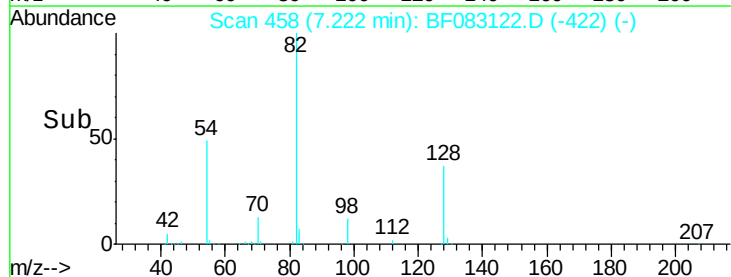
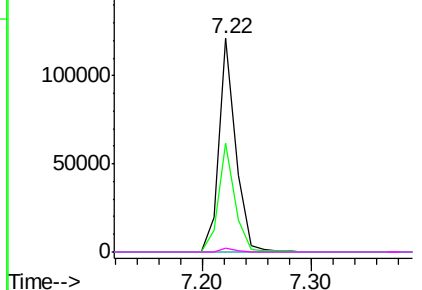


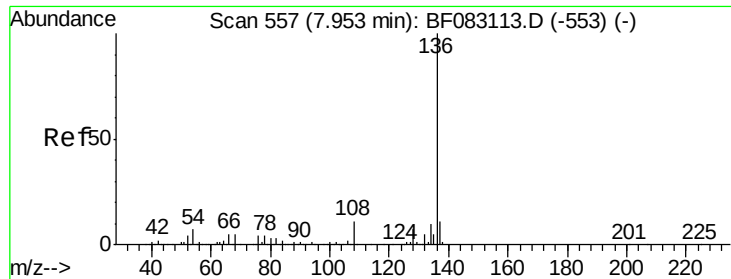
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

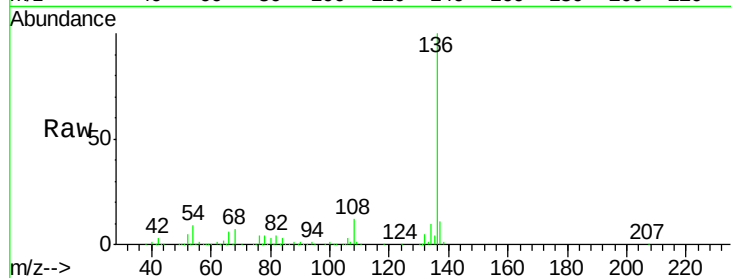




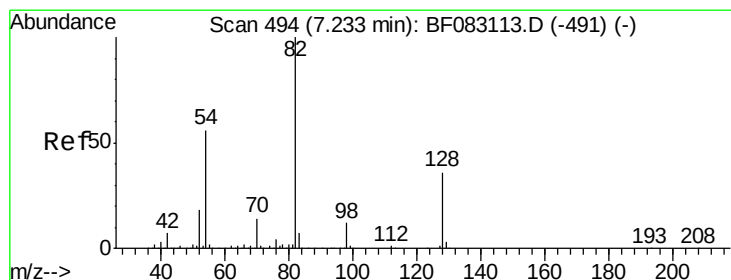
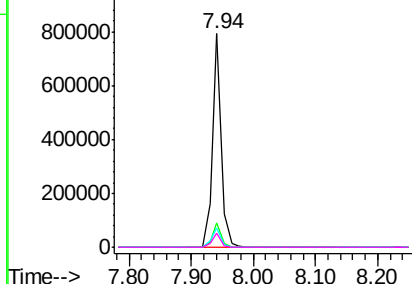
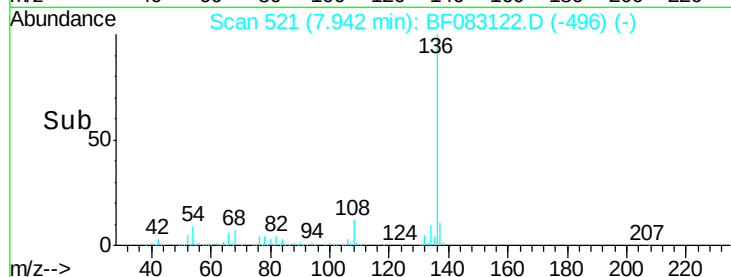
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Instrument :
BNA_F
ClientSampleId :
PB86781BL

Tgt Ion:	136	Resp:	760686
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.3	5.8	8.6#
68	6.5	3.8	5.8#

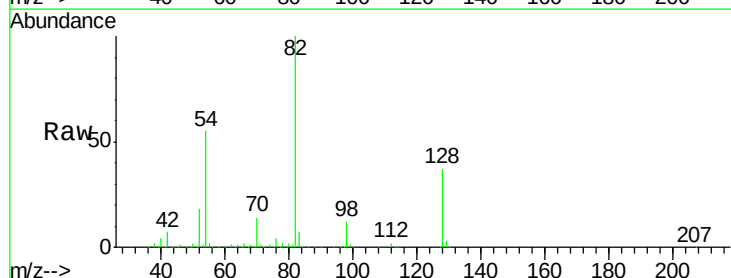


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

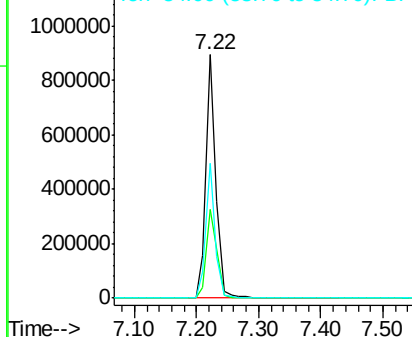
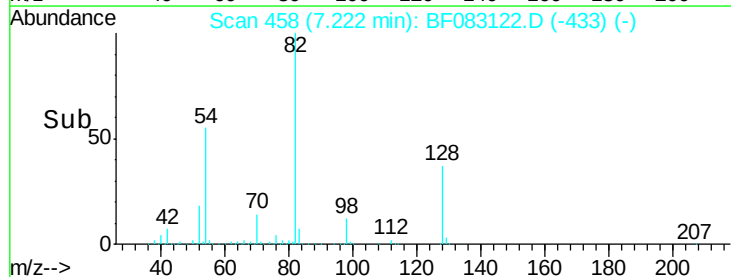


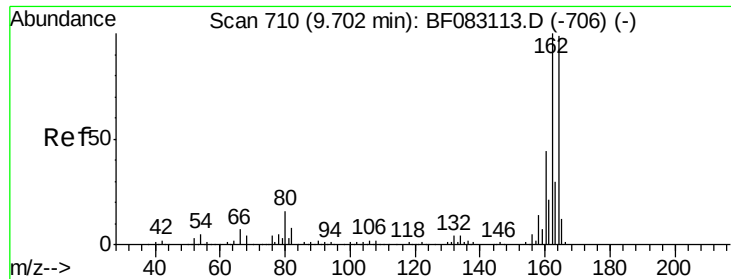
#23
Nitrobenzene-d5
Concen: 30.21 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Tgt Ion:	82	Resp:	1005869
Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.5	42.7
54	55.2	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PB86781BL

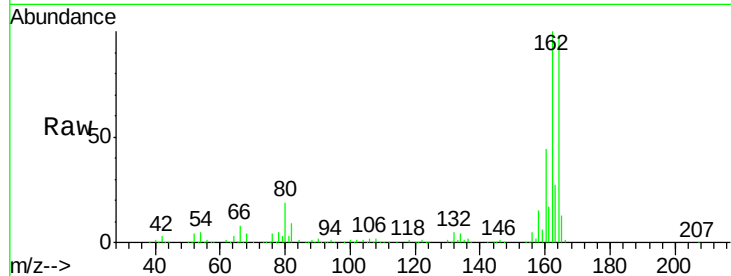
Tgt Ion:164 Resp: 387757

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

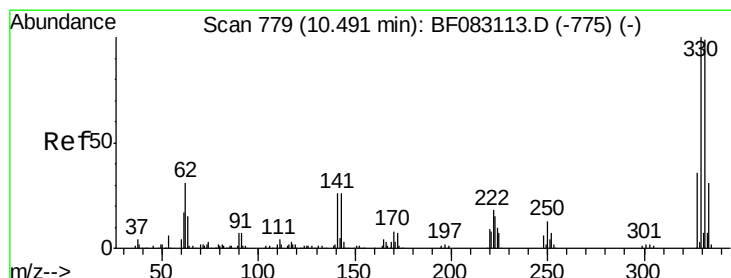
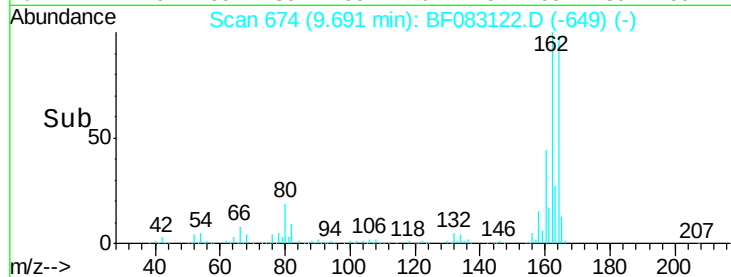
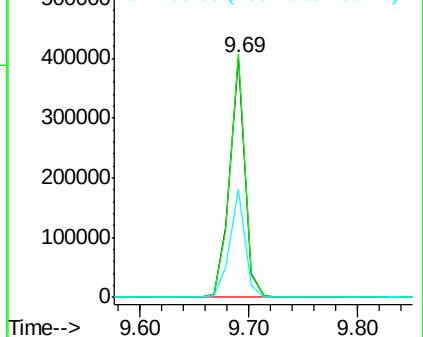
160 45.0 35.6 53.4



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: 34.75 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

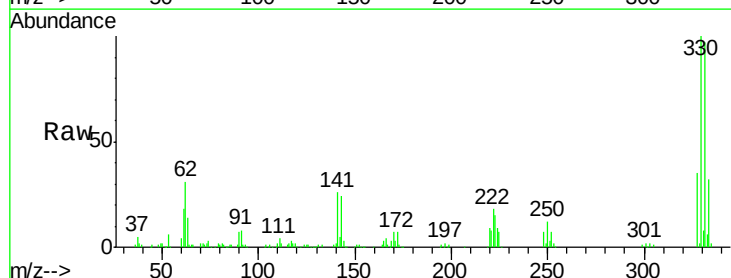
Tgt Ion:330 Resp: 275697

Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

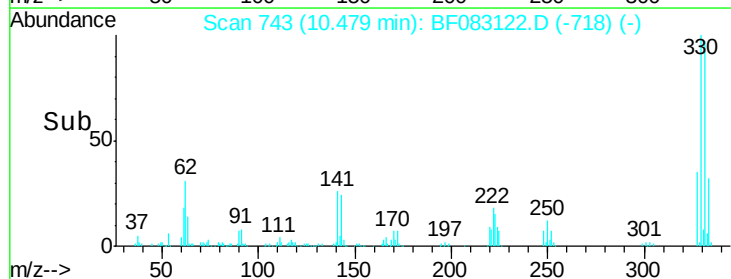
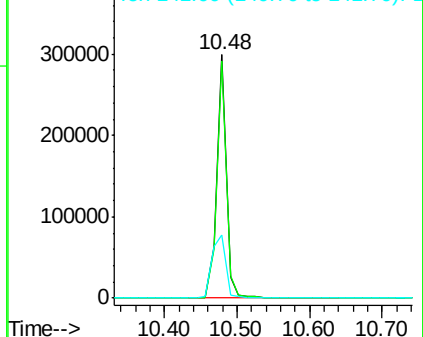
141 37.2 29.7 44.5

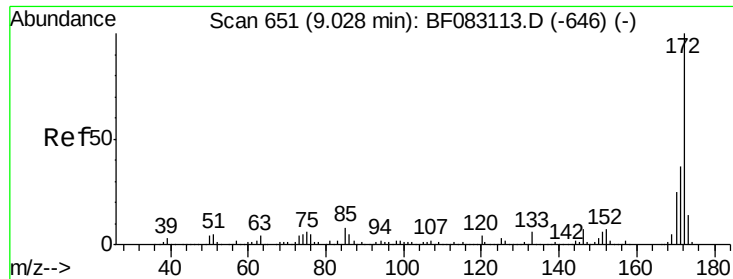


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

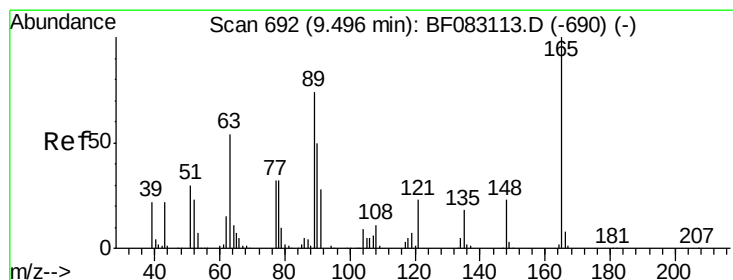
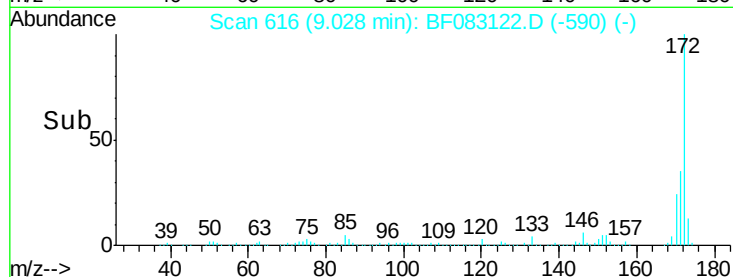
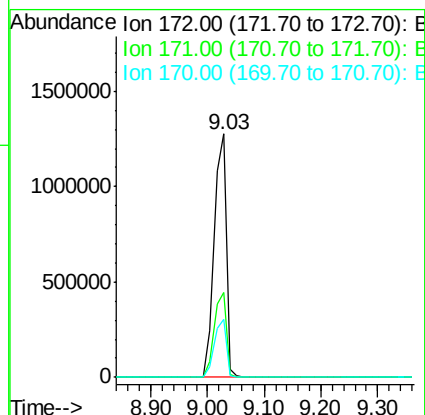
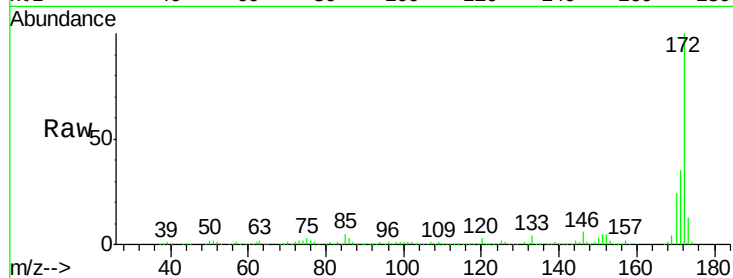




#44
 2-Fluorobiphenyl
 Concen: 32.90 ng
 RT: 9.03 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

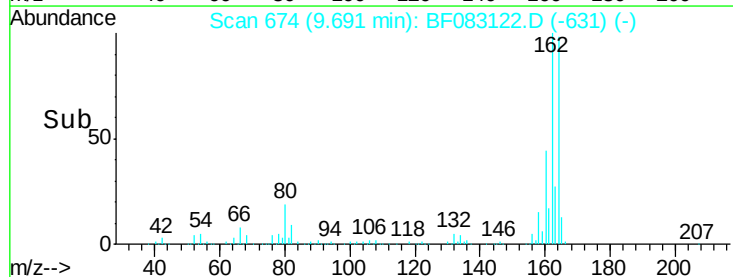
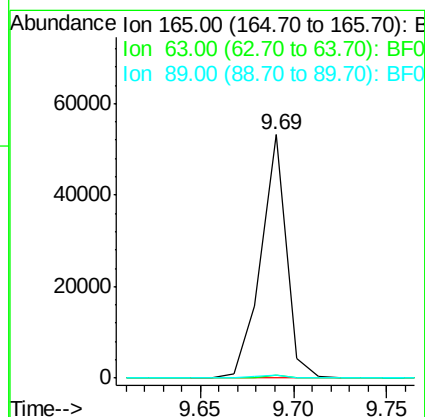
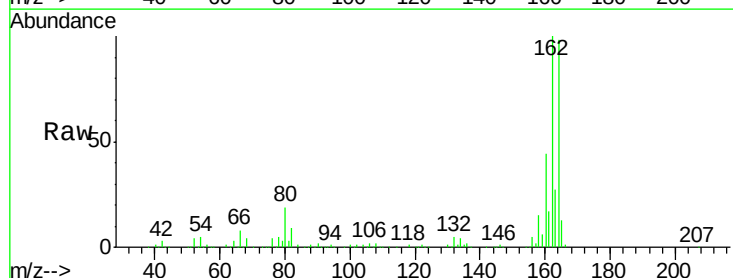
Instrument :
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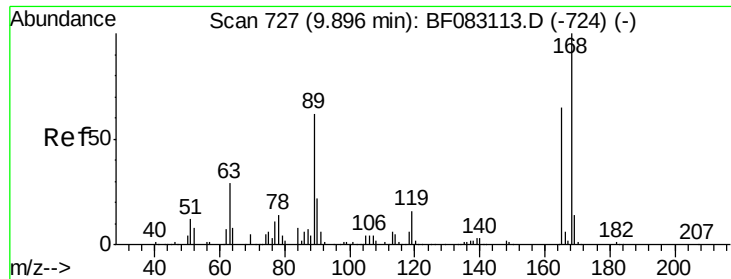
Tgt Ion:172 Resp: 1829594
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.5 44.3
 170 23.9 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.69 min Scan# 674
 Delta R.T. 0.19 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Tgt Ion:165 Resp: 51061
 Ion Ratio Lower Upper
 165 100
 63 1.2 62.5 93.7#
 89 1.0 59.1 88.7#

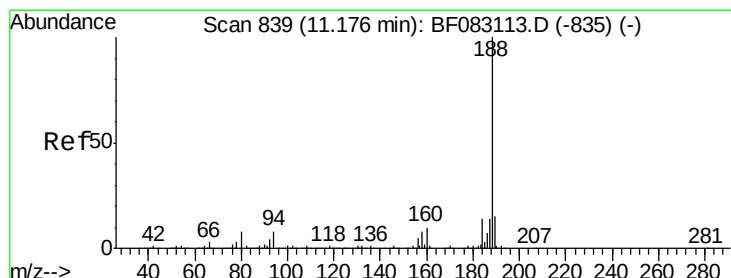
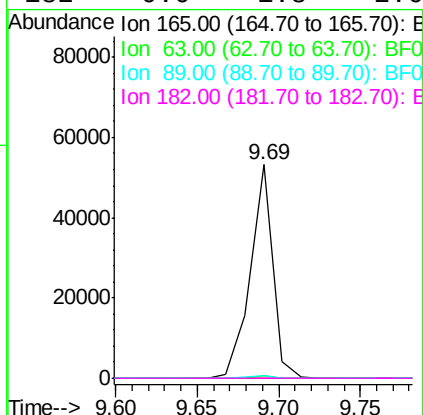
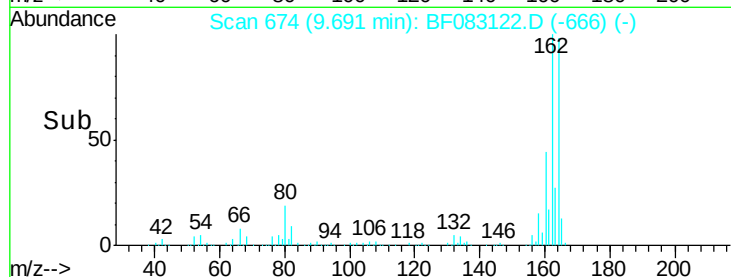
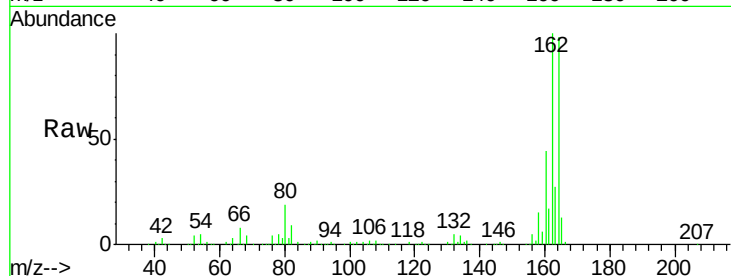




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.21 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

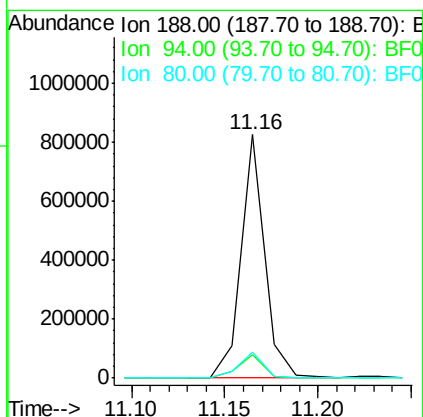
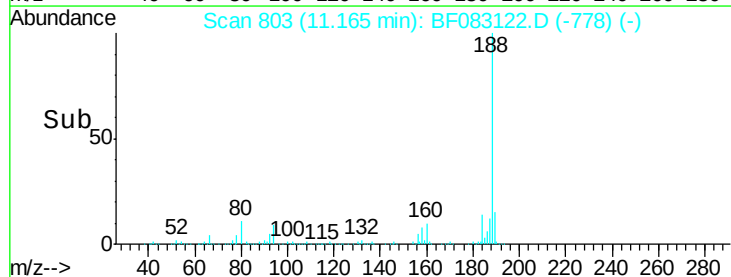
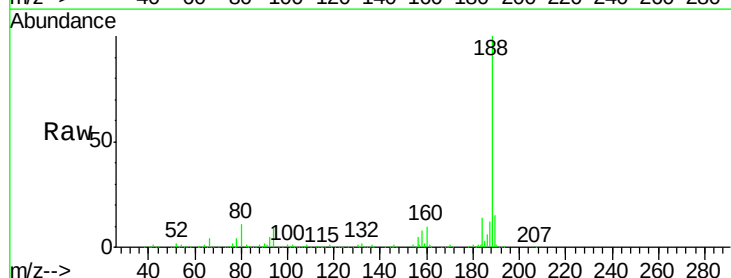
Instrument :
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ClientSampleId :
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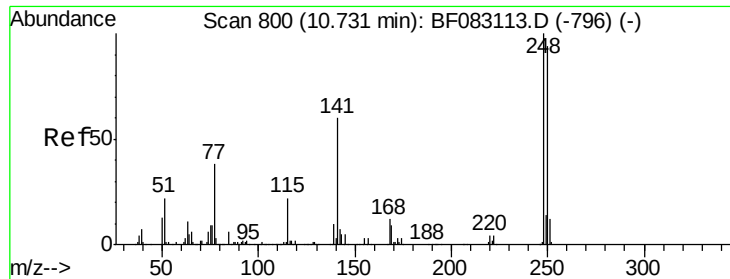
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.5	81.7#
89	1.0	77.3	115.9#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.0	9.0#
80	10.6	6.7	10.1#

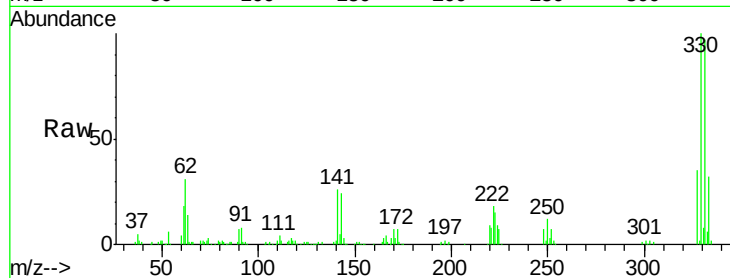




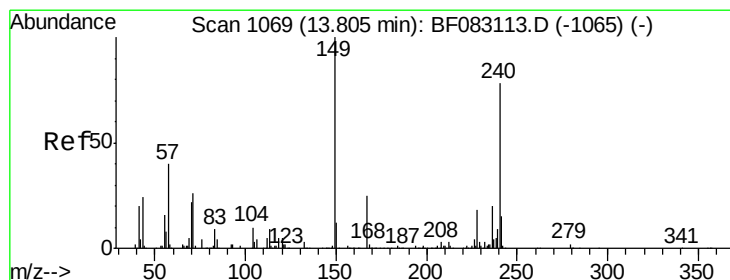
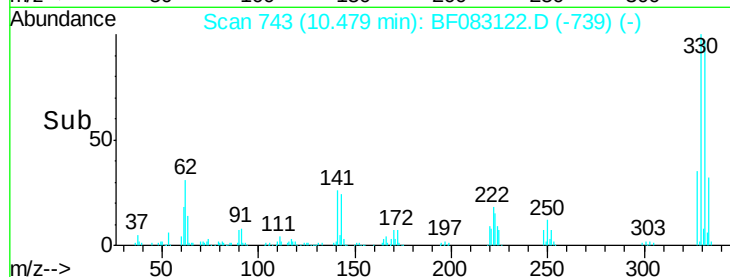
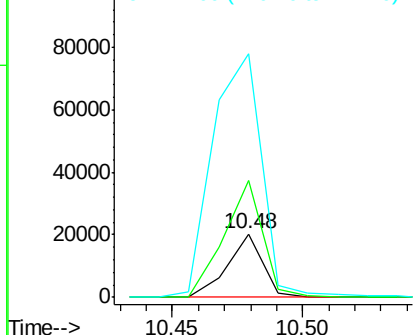
#66
 4-Bromophenyl-phenylether
 Concen: 2.35 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

Tgt Ion:248 Resp: 19118
 Ion Ratio Lower Upper
 248 100
 250 184.6 75.4 113.2#
 141 384.8 48.1 72.1#

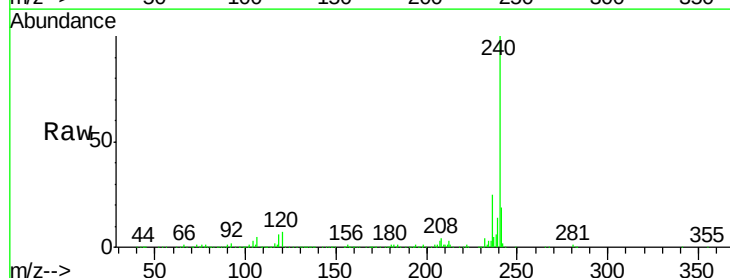


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

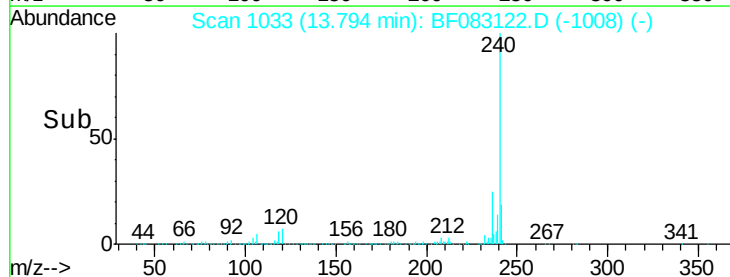
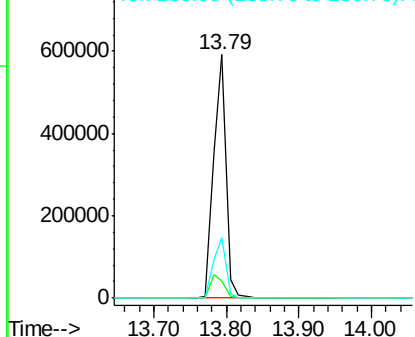


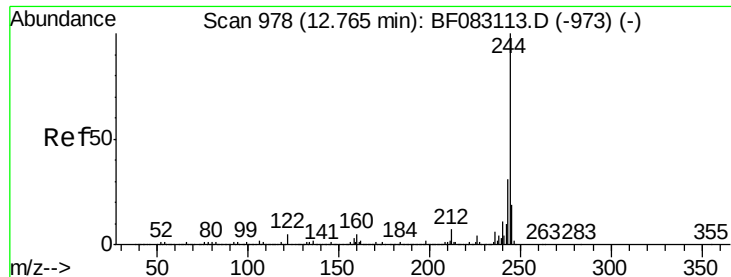
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Tgt Ion:240 Resp: 696909
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.4 8.2
 236 24.9 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





#78

Terphenyl-d14

Concen: 30.68 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PB86781BL

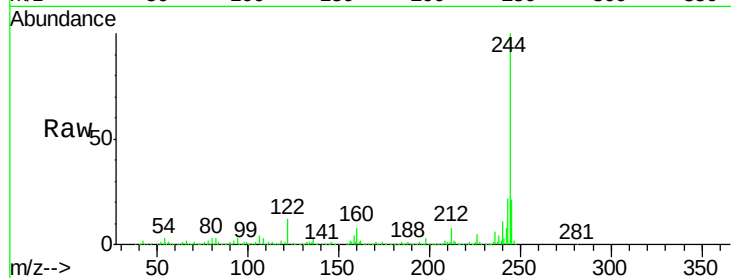
Tgt Ion:244 Resp: 1815763

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

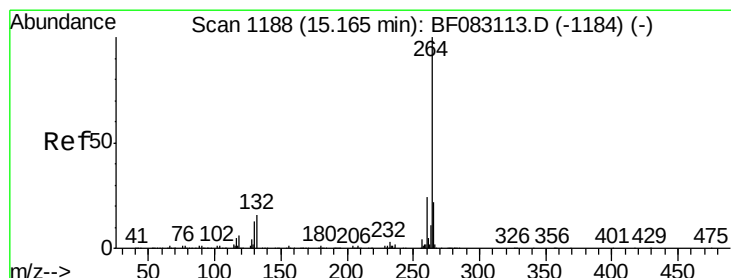
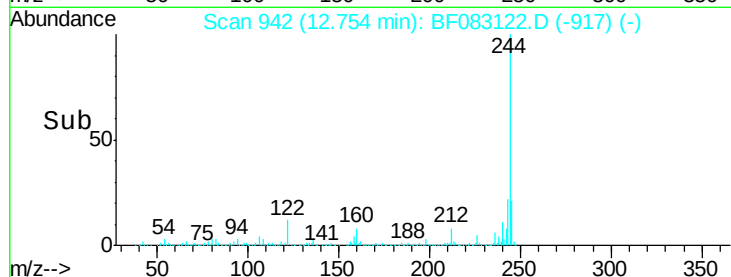
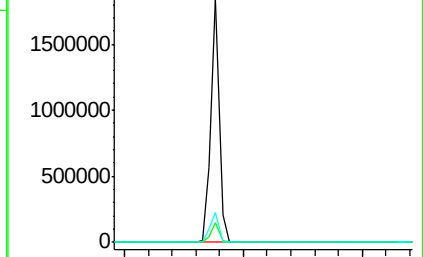
122 12.0 4.3 6.5#



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: BF083122.D

Acq: 21 Nov 2015 20:32

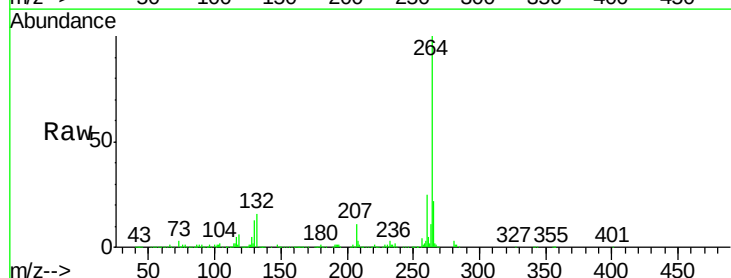
Tgt Ion:264 Resp: 583237

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 22.3 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

