

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083161.D
 Acq On : 22 Nov 2015 16:17
 Operator : UM/IZ
 Sample : G4504-09
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Quant Time: Nov 23 03:38:20 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

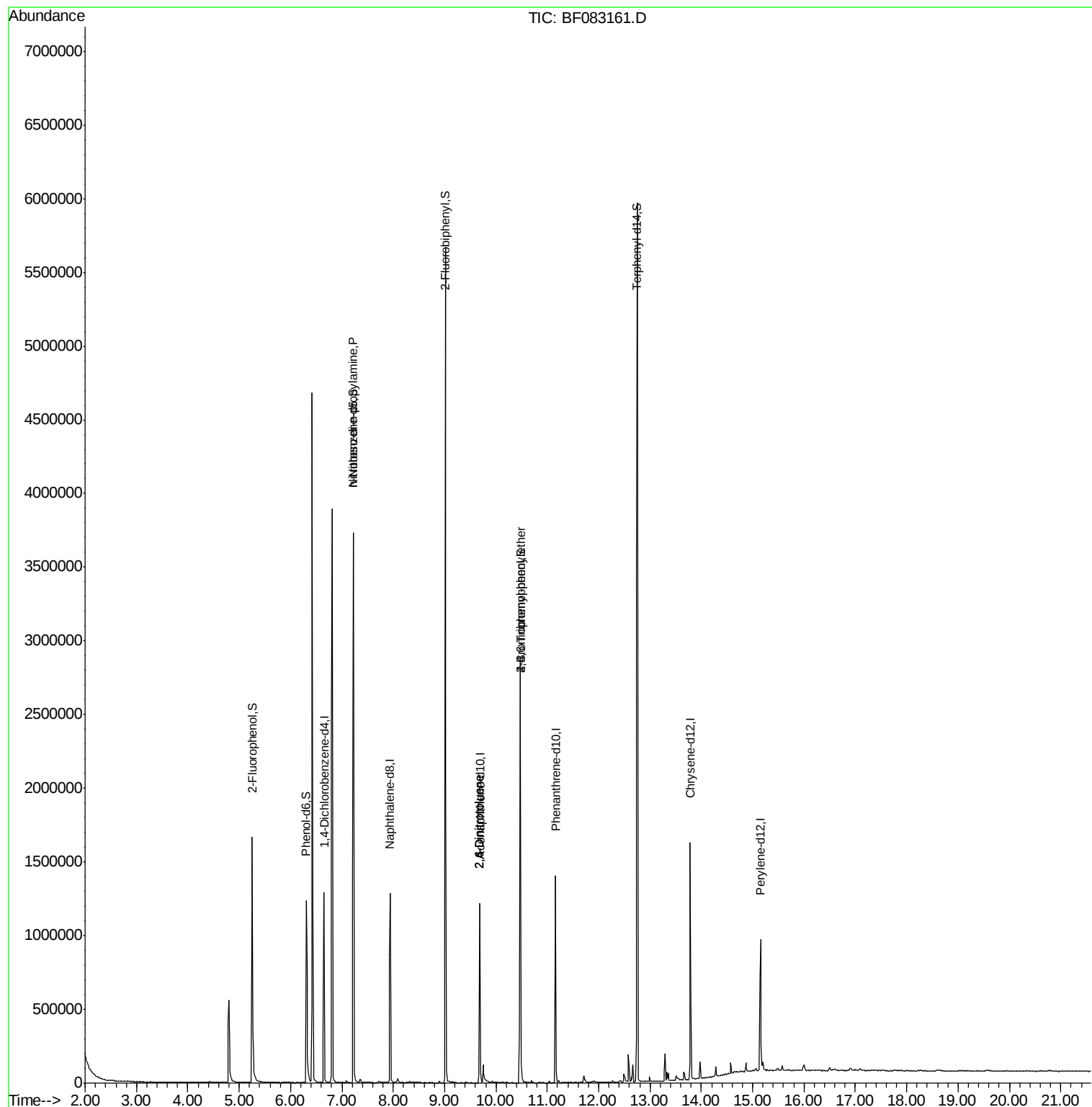
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197384	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	744385	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	370195	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	687252	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	575981	20.00	ng	-0.02
86) Perylene-d12	15.15	264	468661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	685649	52.52	ng	-0.02
7) Phenol-d6	6.31	99	563082	33.33	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1377889	84.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	510810	134.87	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2082090	78.43	ng	-0.01
78) Terphenyl-d14	12.75	244	2212165	90.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	186987	15.91	ng	# 76
50) 2,6-Dinitrotoluene	9.68	165	45526	7.12	ng	# 14
56) 2,4-Dinitrotoluene	9.68	165	45519	5.62	ng	# 11
66) 4-Bromophenyl-phenylether	10.48	248	32526	4.27	ng	# 1

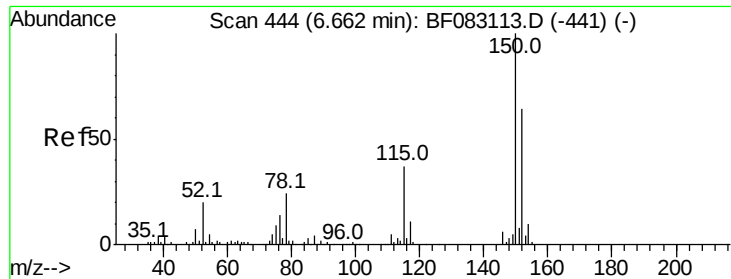
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:38:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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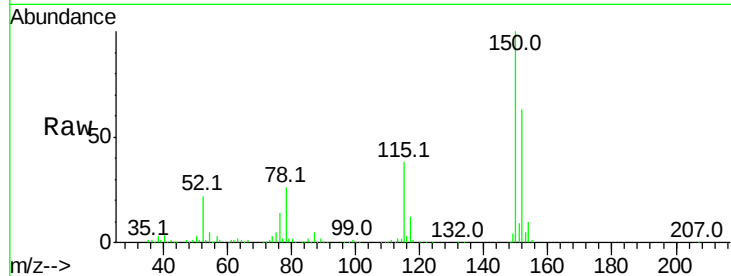


#1

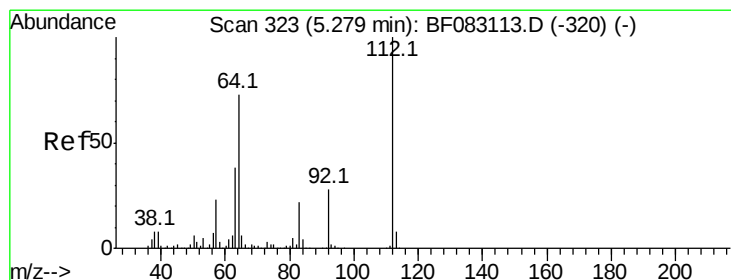
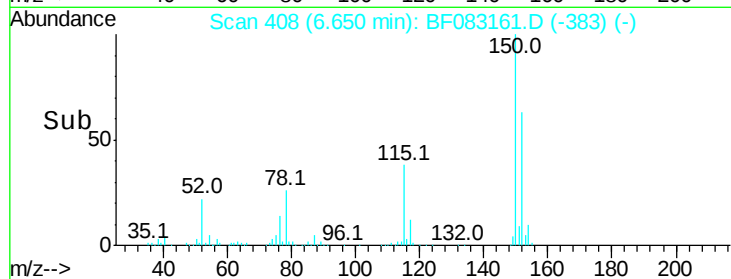
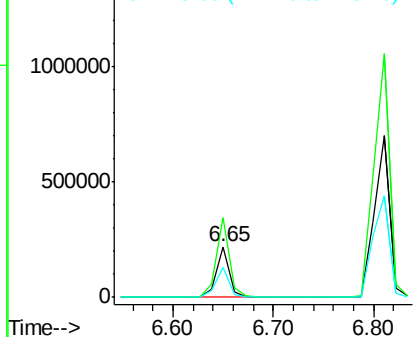
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:152 Resp: 197384
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.8
115 60.4 46.9 70.3



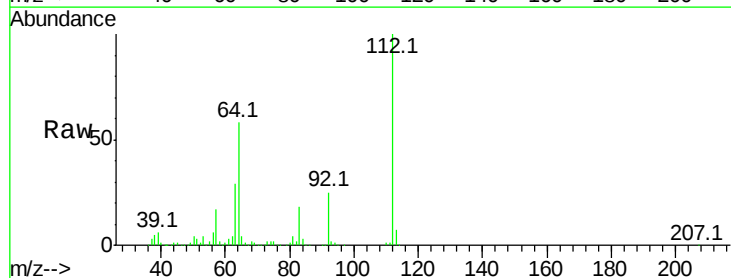
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



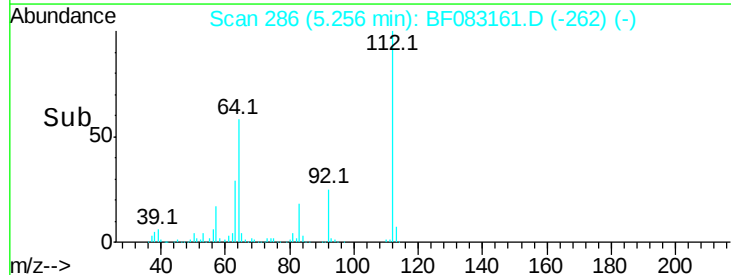
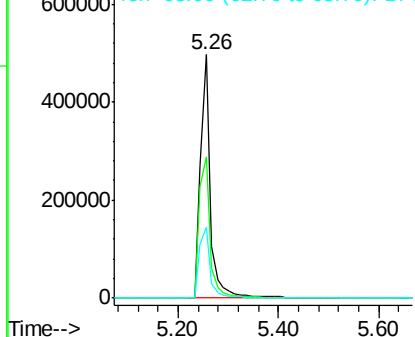
#5

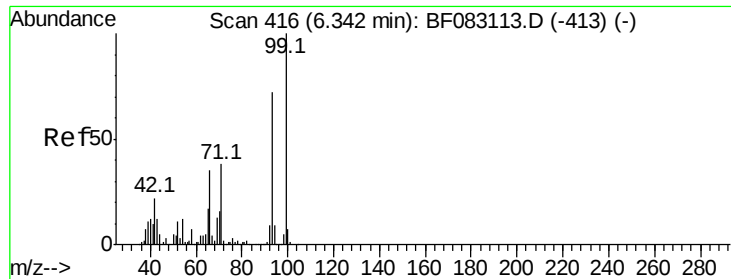
2-Fluorophenol
Concen: 52.52 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Tgt Ion:112 Resp: 685649
Ion Ratio Lower Upper
112 100
64 58.1 58.4 87.6#
63 29.0 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: 33.33 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

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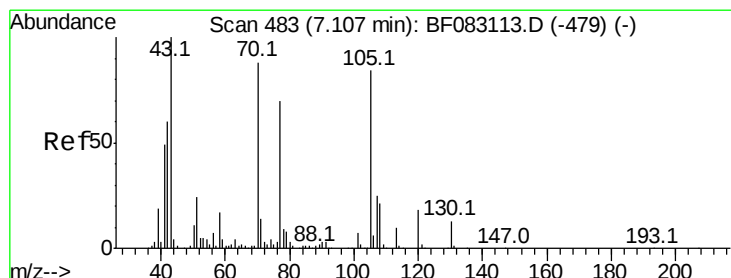
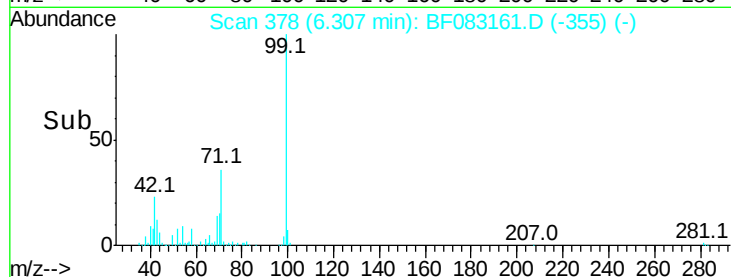
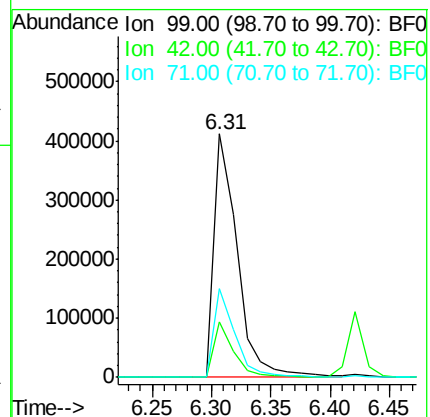
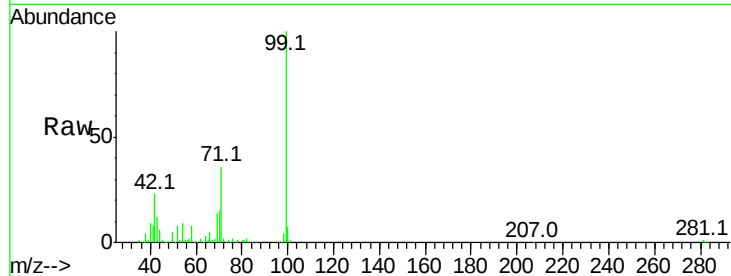
Tot Ion: 99 Resp: 563082

Ion Ratio Lower Upper

99 100

42 22.7 17.7 26.5

71 36.3 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.91 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Tgt Ion: 70 Resp: 186987

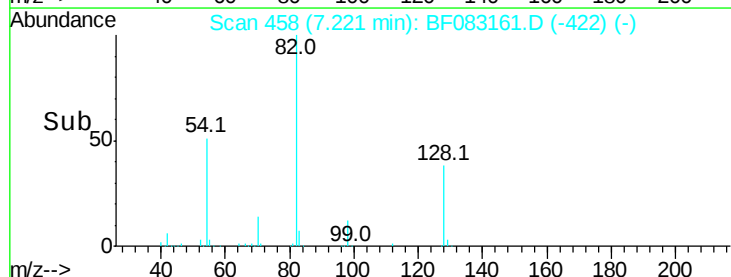
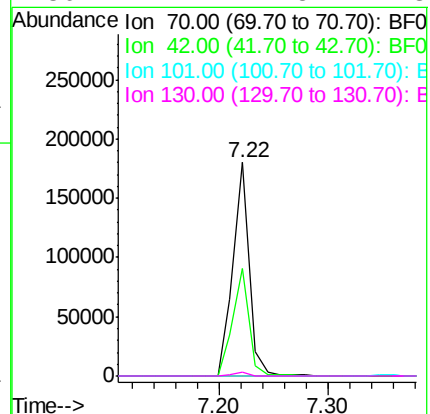
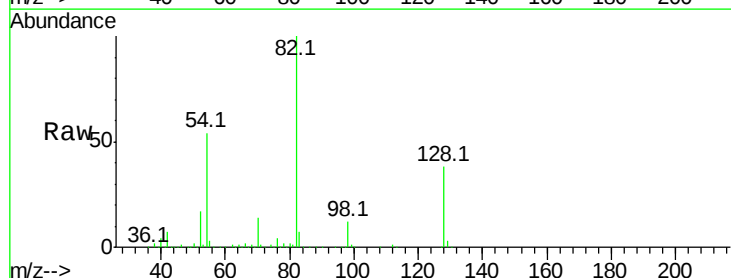
Ion Ratio Lower Upper

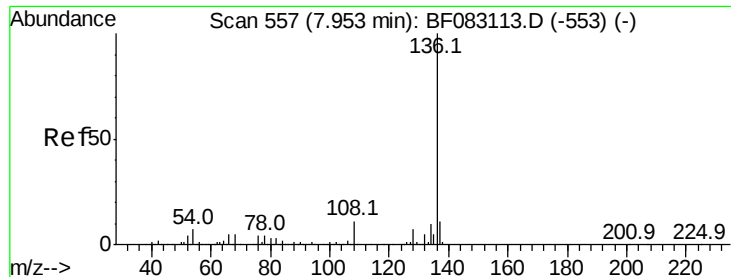
70 100

42 50.2 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#

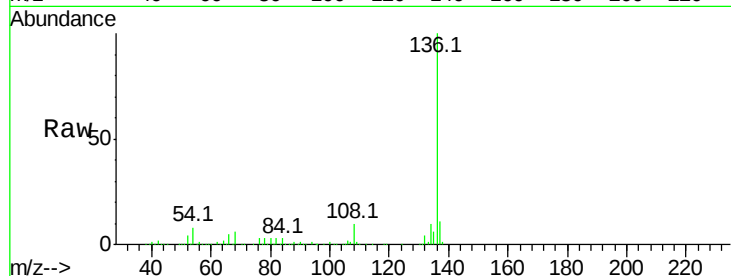




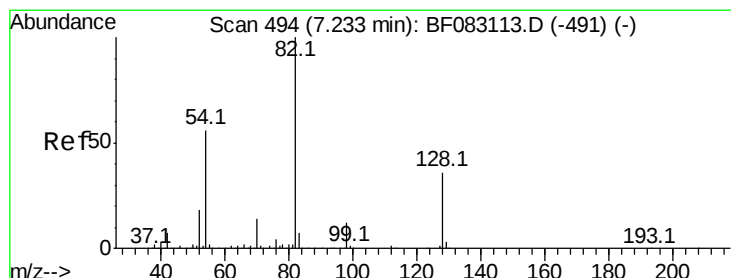
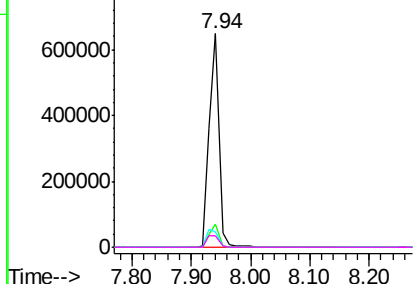
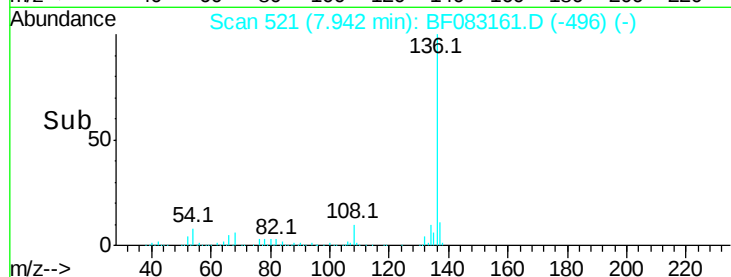
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:136	Resp: 744385
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 7.5	5.8 8.6
68 5.5	3.8 5.8

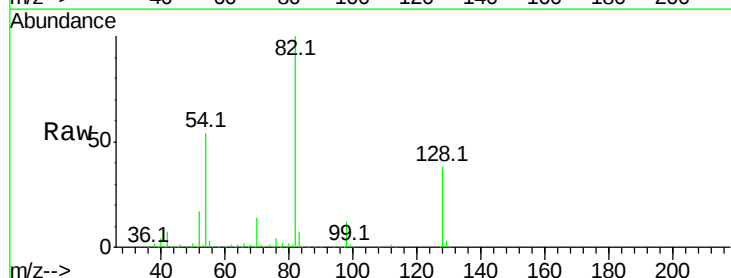


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

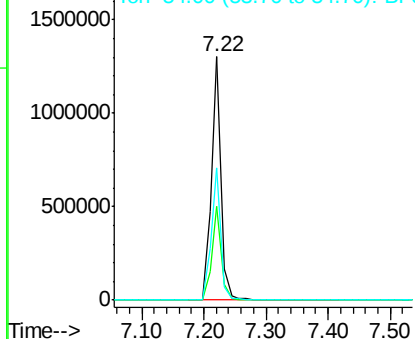
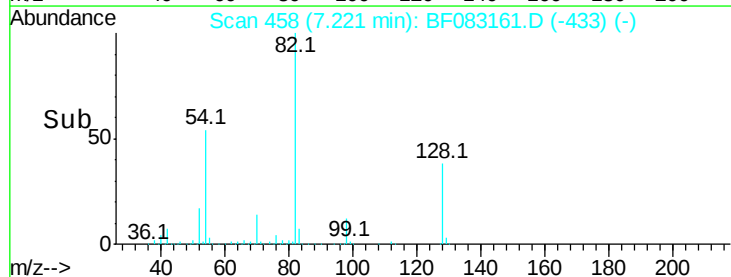


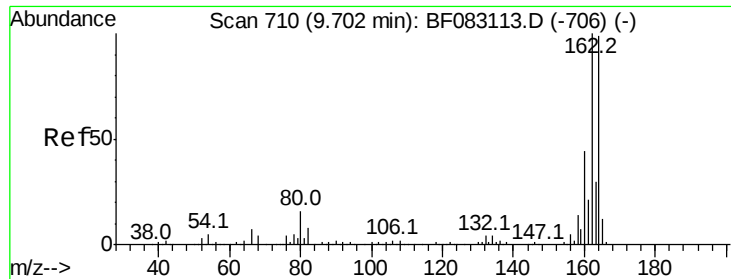
#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Tgt Ion: 82	Ratio	Resp: 1377889	
Ion 82	100	Lower	Upper
128	38.4	28.5	42.7
54	54.2	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

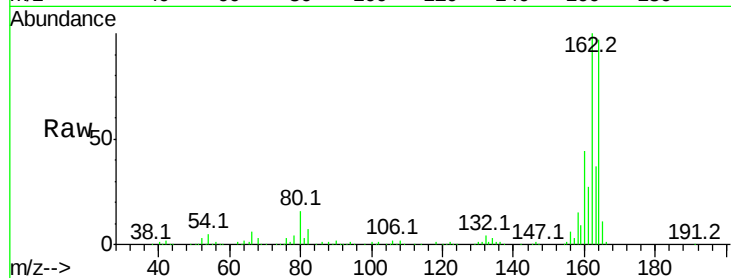




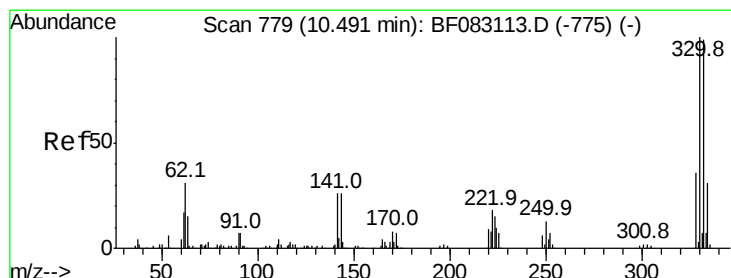
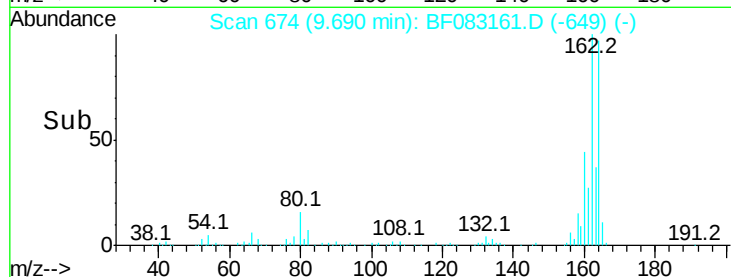
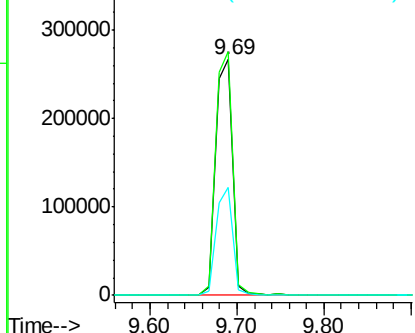
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:164 Resp: 370195
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 46.0 35.6 53.4

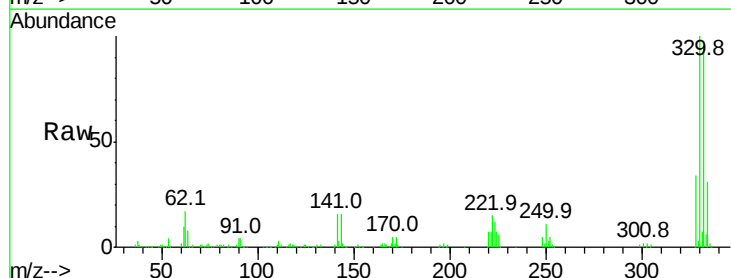


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

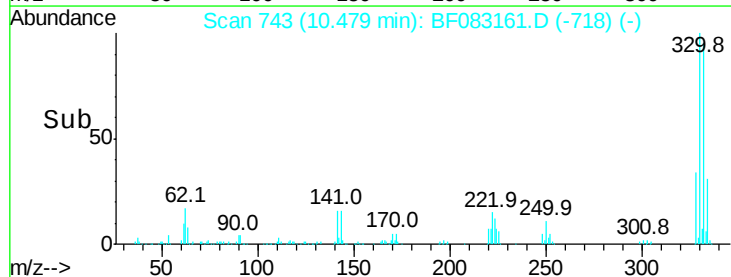
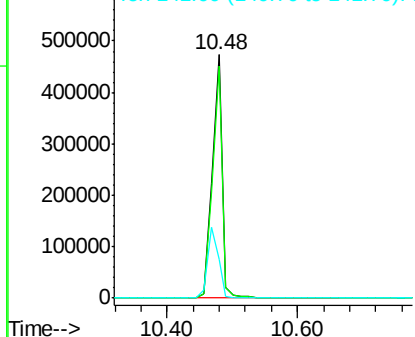


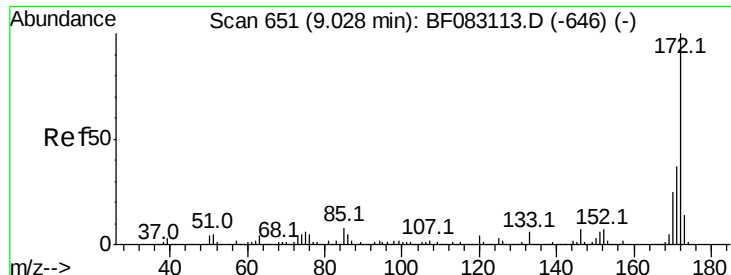
#41
2,4,6-Tribromophenol
Concen: 134.87 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Tgt Ion:330 Resp: 510810
Ion Ratio Lower Upper
330 100
332 94.7 77.7 116.5
141 31.9 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



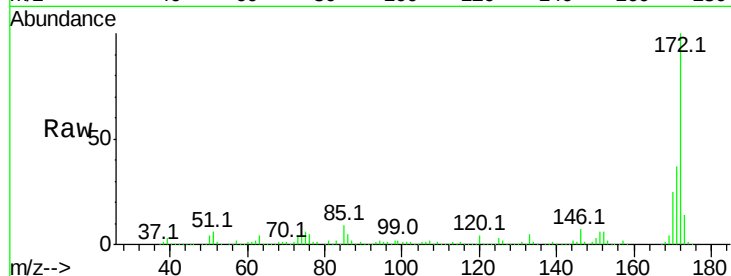


#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

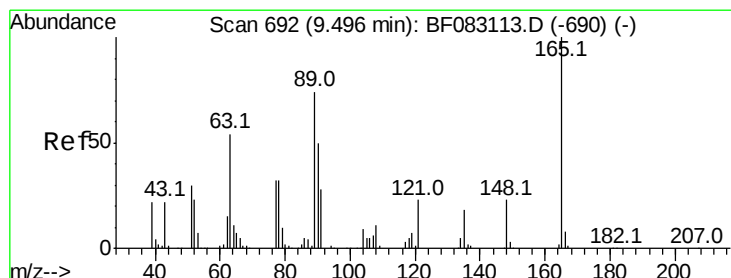
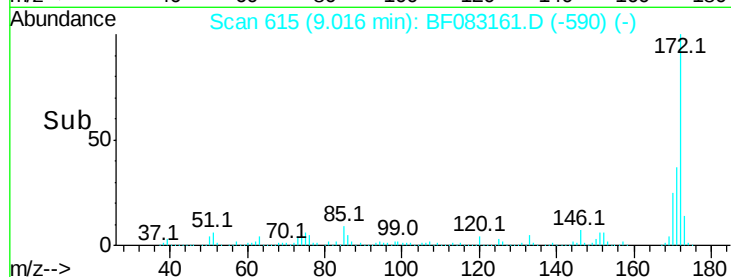
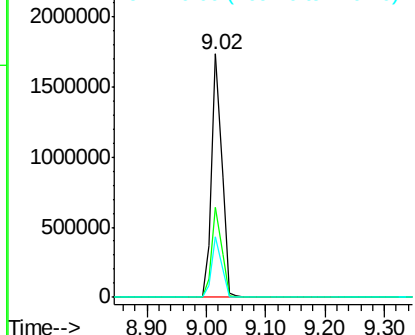
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 2082090

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.0	19.9	29.9



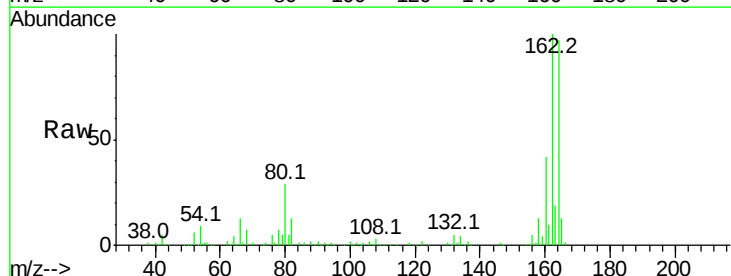
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



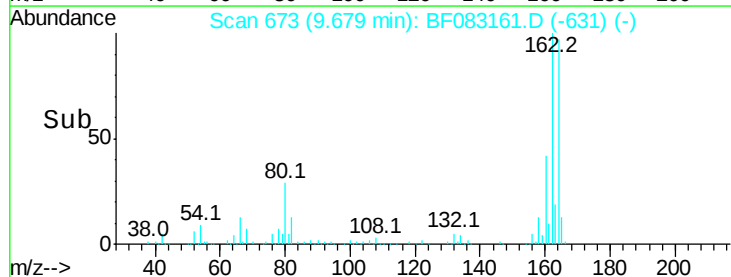
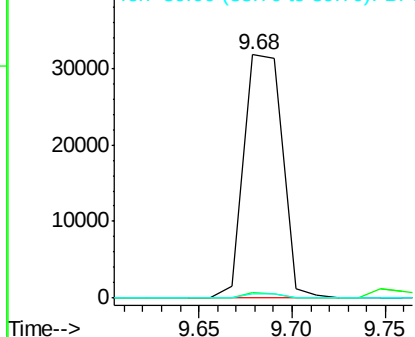
#50
 2,6-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

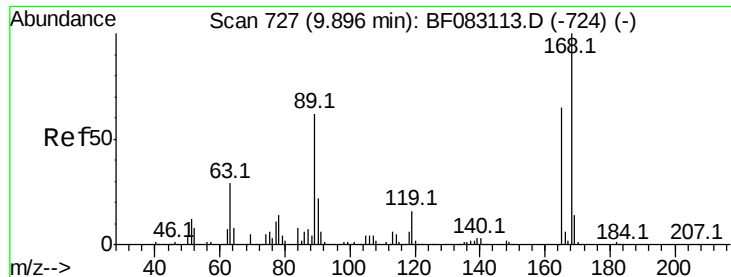
Tgt Ion:165 Resp: 45526

Ion	Ratio	Lower	Upper
165	100		
63	2.2	62.5	93.7#
89	1.9	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

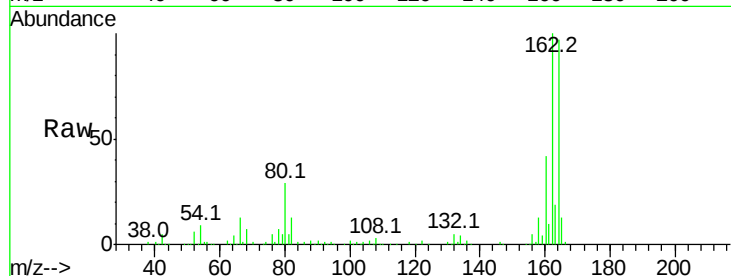




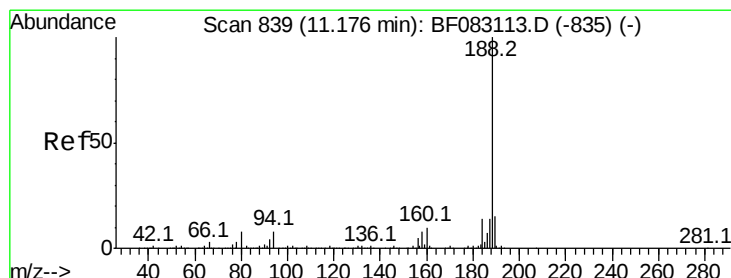
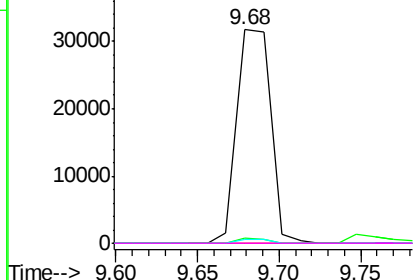
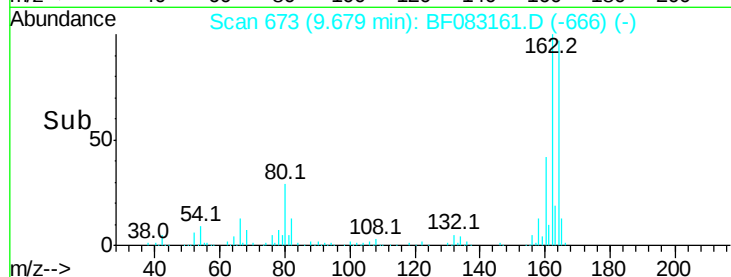
#56
 2,4-Dinitrotoluene
 Concen: 5.62 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:165 Resp: 45519
 Ion Ratio Lower Upper
 165 100
 63 2.2 54.5 81.7#
 89 1.9 77.3 115.9#
 182 0.0 1.8 2.6#

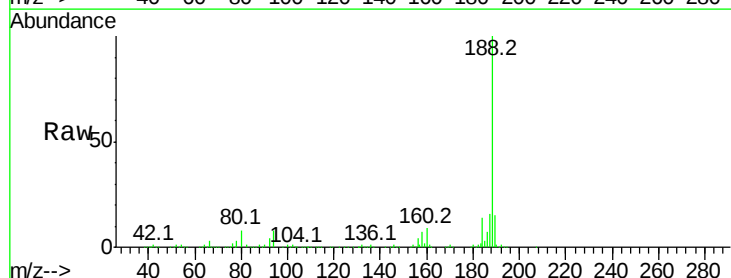


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

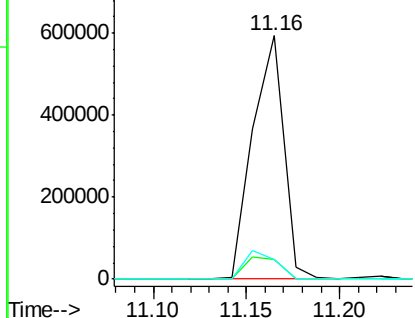
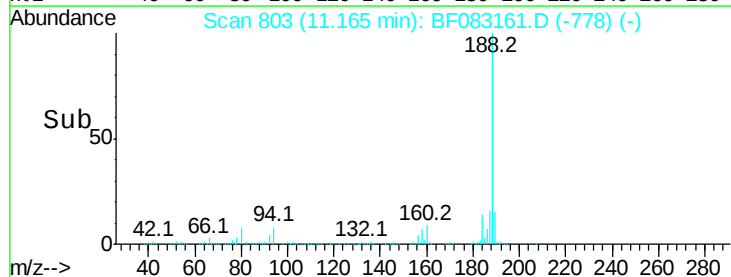


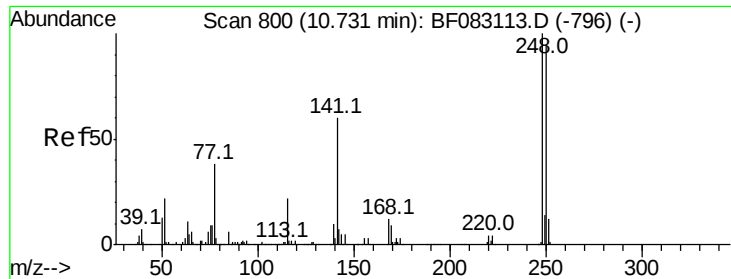
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

Tgt Ion:188 Resp: 687252
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.0 9.0
 80 8.1 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: 4.27 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

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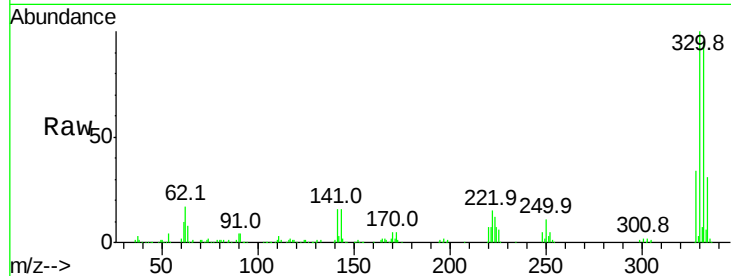
Tot Ion:248 Resp: 32526

Ion Ratio Lower Upper

248 100

250 223.9 75.4 113.2#

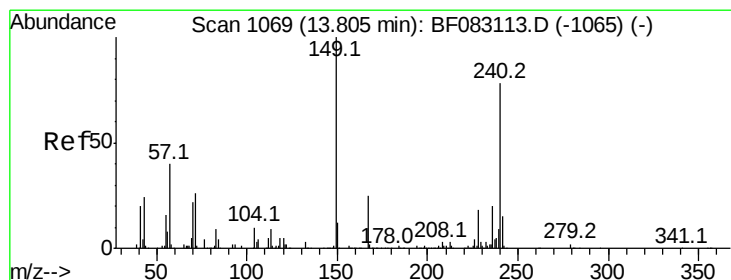
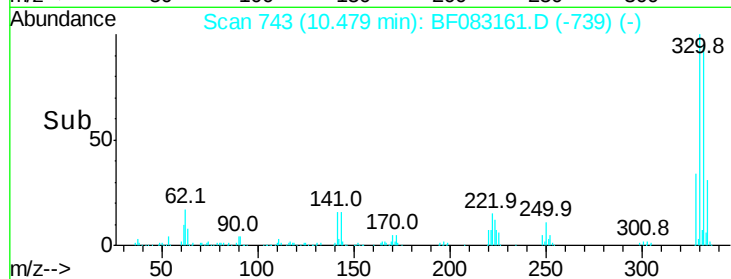
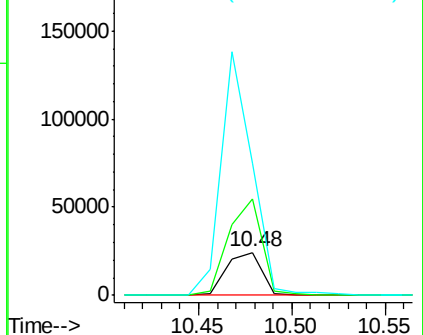
141 307.6 48.1 72.1#



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: BF083161.D

Acq: 22 Nov 2015 16:17

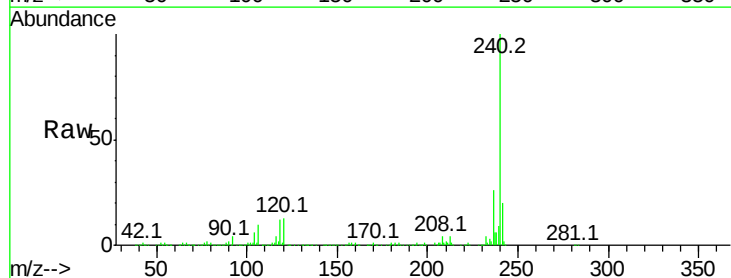
Tgt Ion:240 Resp: 575981

Ion Ratio Lower Upper

240 100

120 13.2 5.4 8.2#

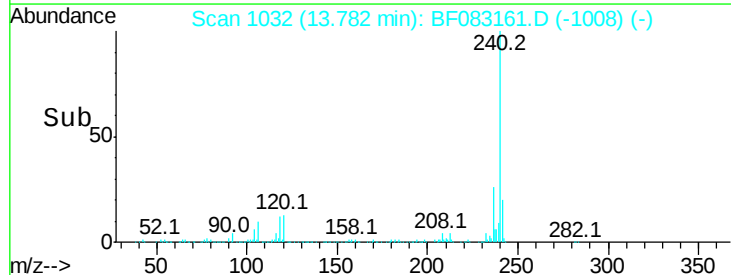
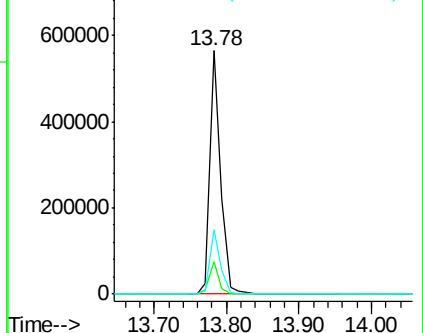
236 26.4 20.6 31.0

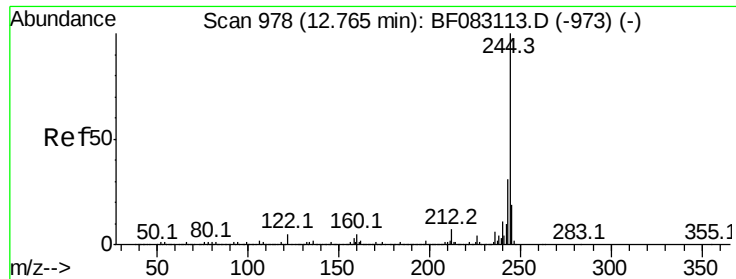


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.44 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

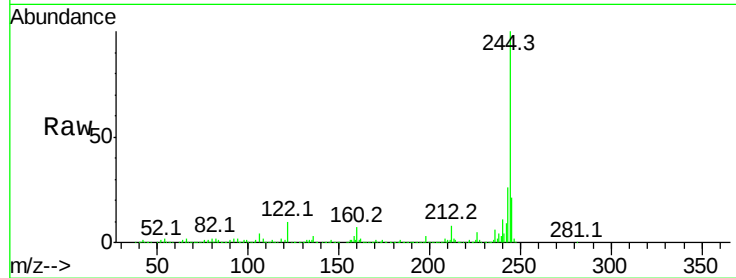
Tot Ion:244 Resp: 2212165

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

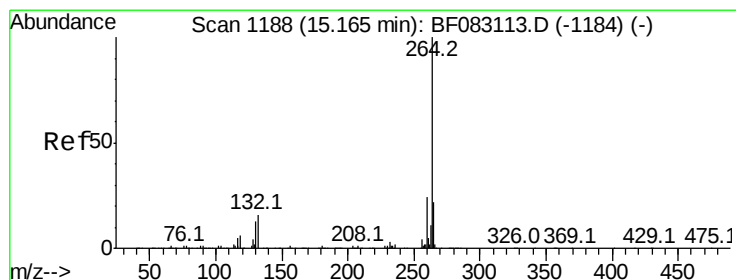
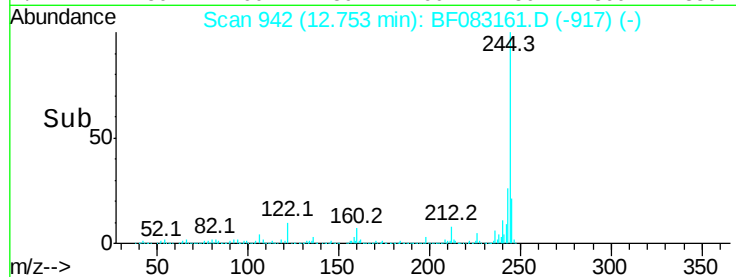
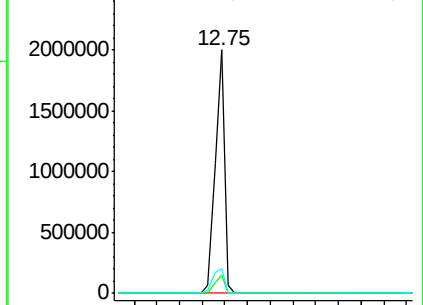
122 9.9 4.3 6.5#



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: BF083161.D

Acq: 22 Nov 2015 16:17

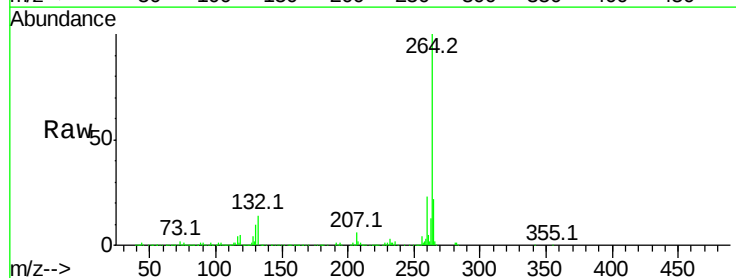
Tgt Ion:264 Resp: 468661

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 22.1 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

