

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083119.D
 Acq On : 21 Nov 2015 19:03
 Operator : UM/IZ
 Sample : PB86620BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Quant Time: Nov 22 01:34:02 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

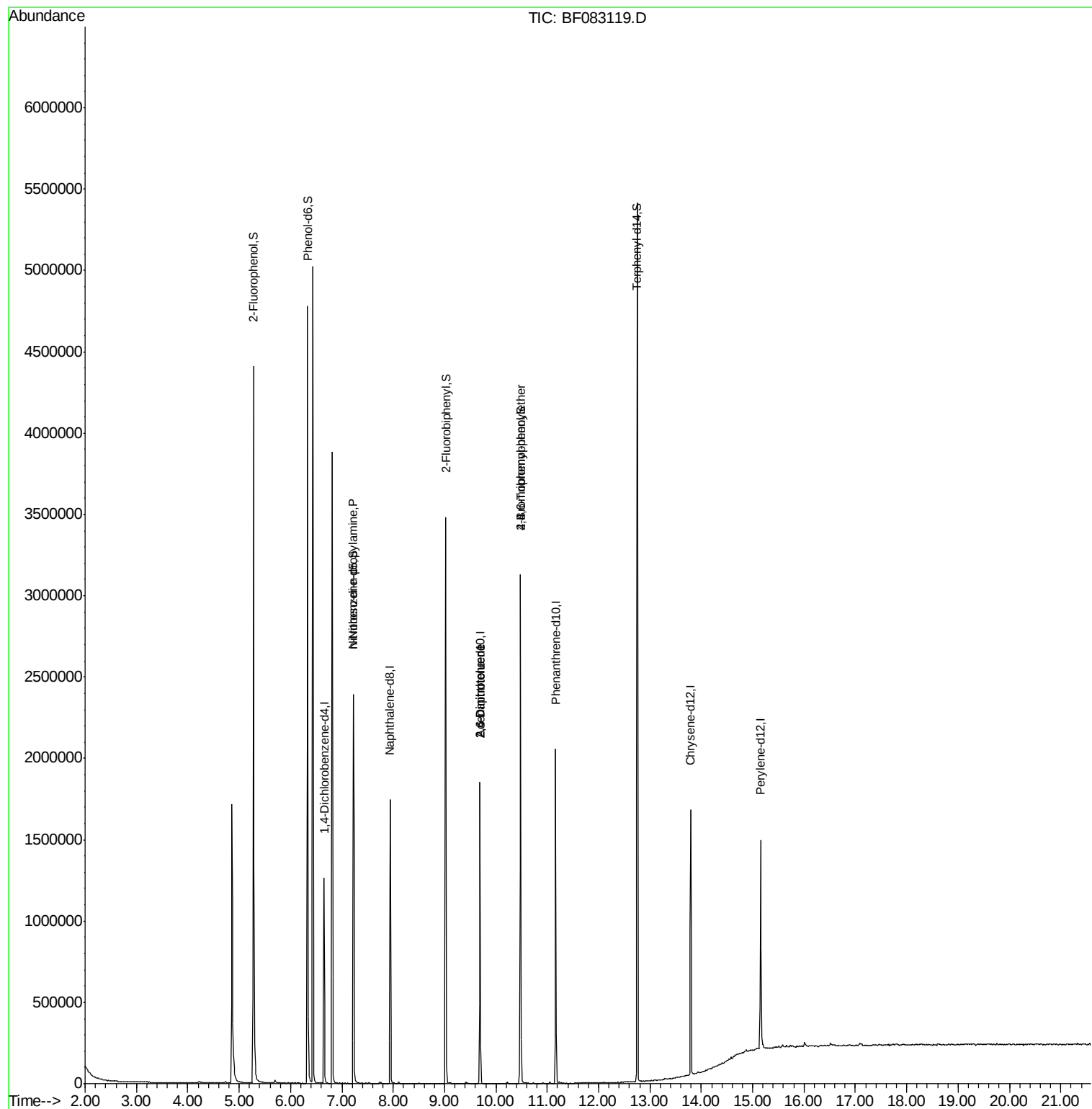
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	199386	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	777152	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	389488	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	733556	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	688269	20.00	ng	-0.01
86) Perylene-d12	15.15	264	599214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1265428	47.98	ng	0.00
7) Phenol-d6	6.33	99	1778194	52.10	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1021645	30.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	372062	46.69	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1758729	31.48	ng	0.00
78) Terphenyl-d14	12.75	244	1718383	29.40	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.33	77	2369	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	136480	11.49 ng	#	79
50) 2,6-Dinitrotoluene	9.69	165	50000	7.43 ng	#	13
56) 2,4-Dinitrotoluene	9.69	165	50002	5.87 ng	#	10
66) 4-Bromophenyl-phenylether	10.48	248	27286	3.35 ng	#	1

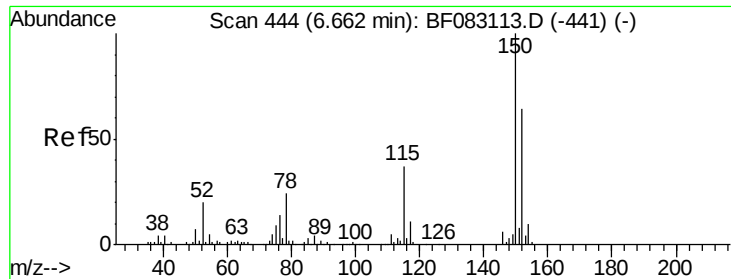
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 01:05:26 2015
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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: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

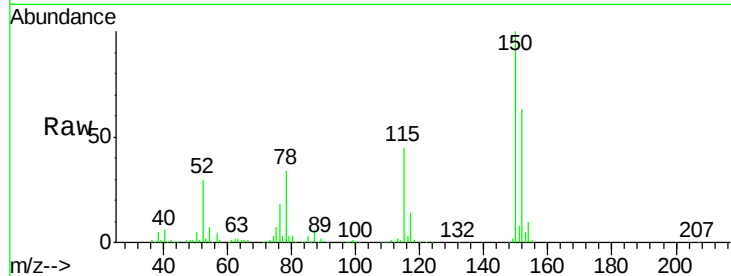
Tgt Ion:152 Resp: 199386

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.8

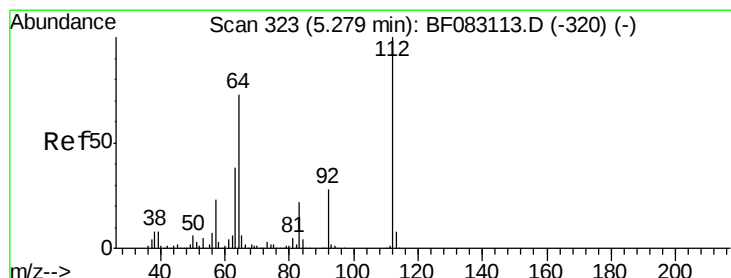
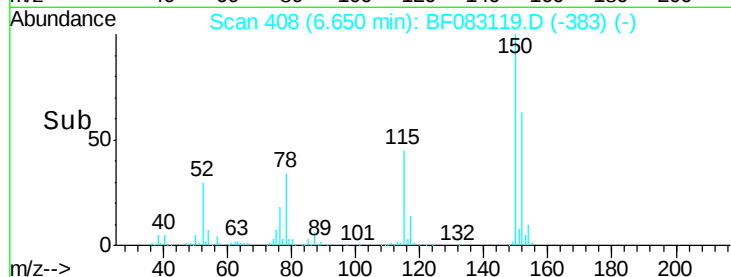
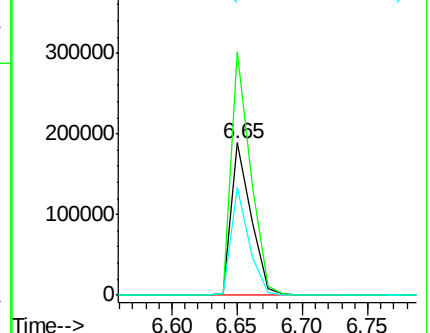
115 71.3 46.9 70.3#



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: 47.98 ng

RT: 5.28 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

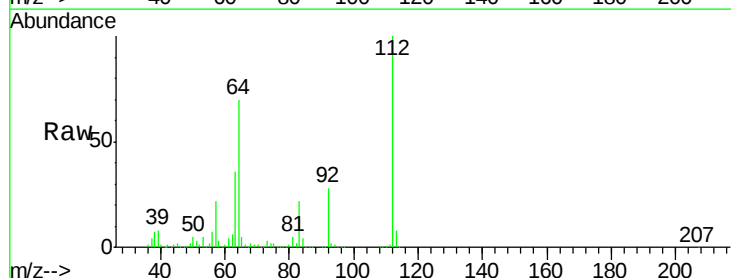
Tgt Ion:112 Resp: 1265428

Ion Ratio Lower Upper

112 100

64 69.5 58.4 87.6

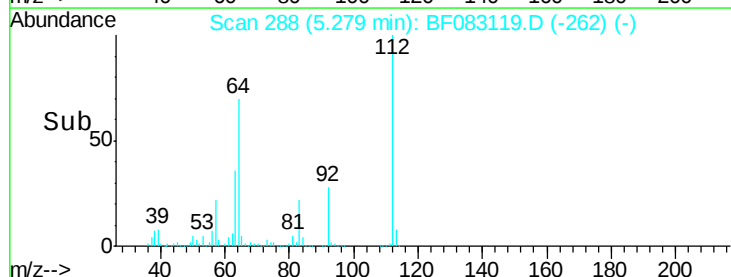
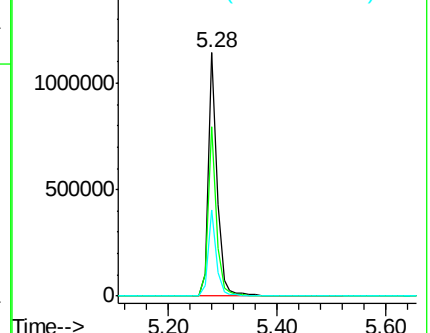
63 35.6 30.0 45.0

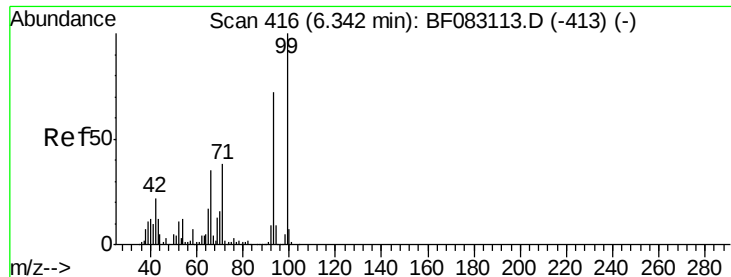


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.10 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

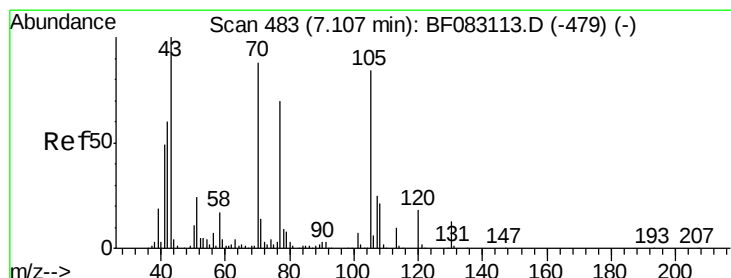
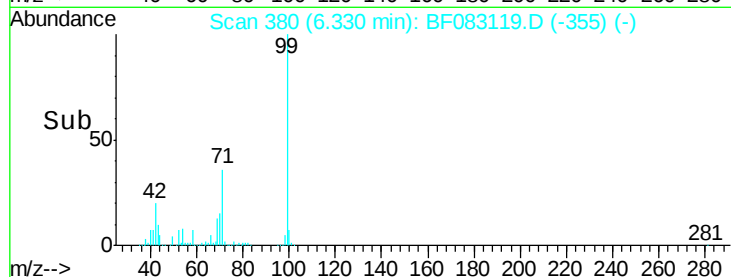
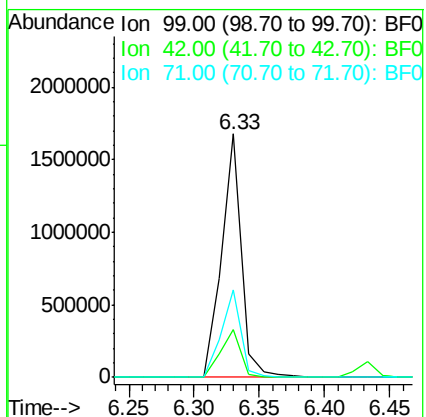
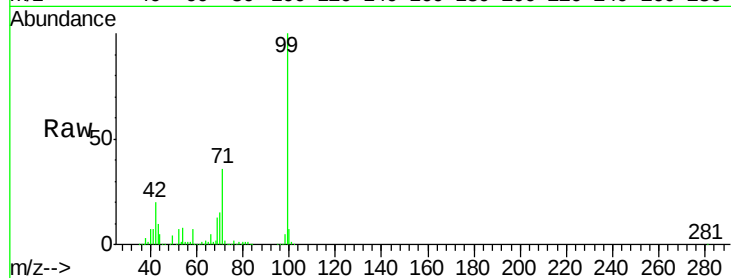
Tgt Ion: 99 Resp: 1778194

Ion Ratio Lower Upper

99 100

42 19.5 17.7 26.5

71 36.2 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.49 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

Tgt Ion: 70 Resp: 136480

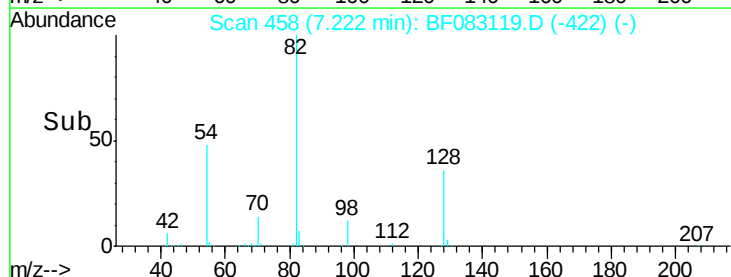
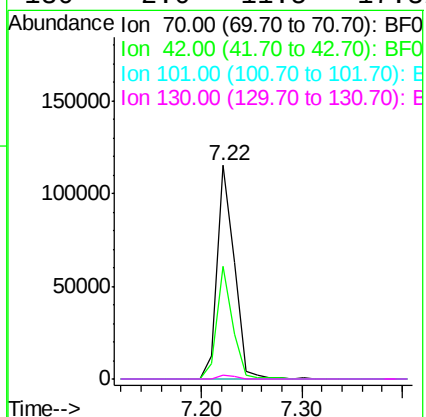
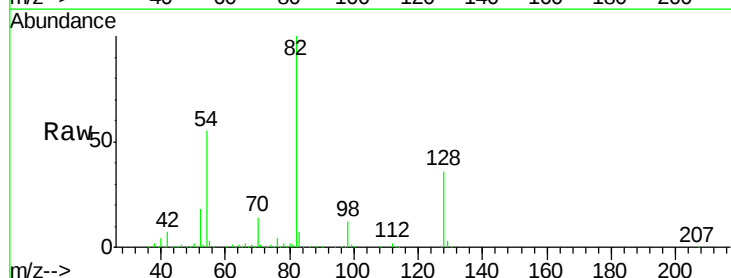
Ion Ratio Lower Upper

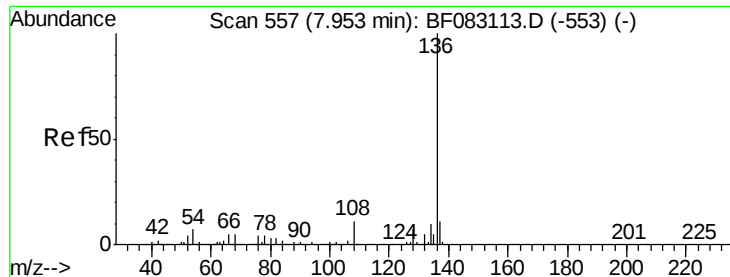
70 100

42 52.5 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

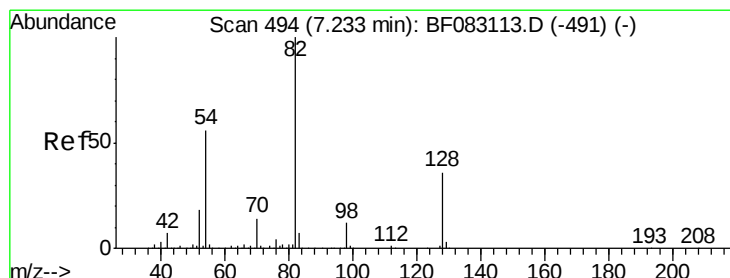
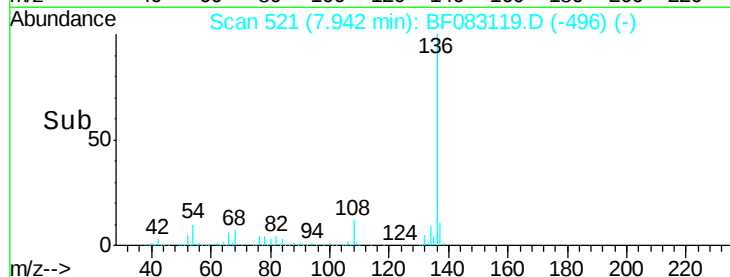
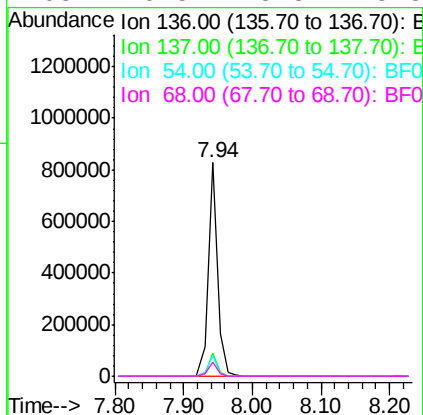
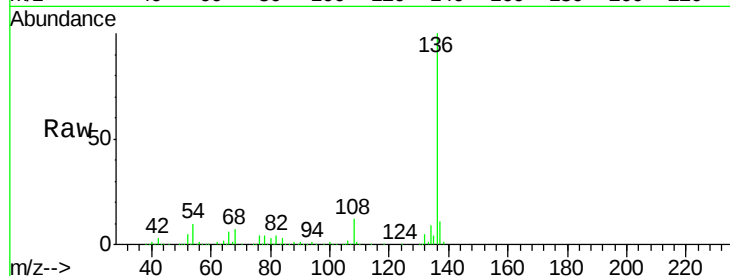




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083119.D
Acq: 21 Nov 2015 19:03

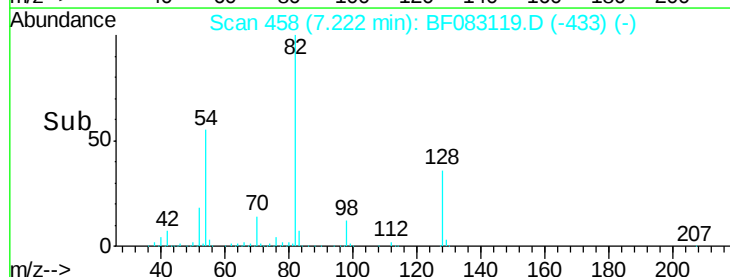
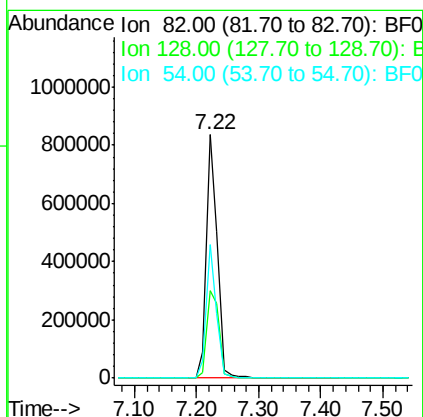
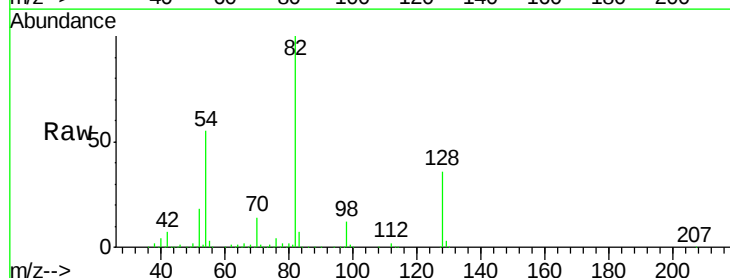
Instrument :
BNA_F
ClientSampleId :
PB86620BL

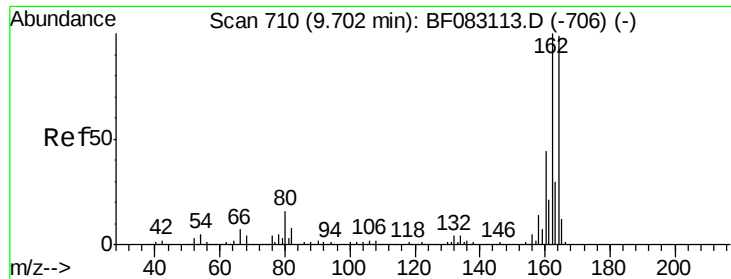
Tgt Ion:	136	Resp:	777152
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.8	5.8	8.6#
68	6.5	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 30.03 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083119.D
Acq: 21 Nov 2015 19:03

Tgt Ion:	82	Resp:	1021645
Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.5	42.7
54	54.8	44.6	67.0

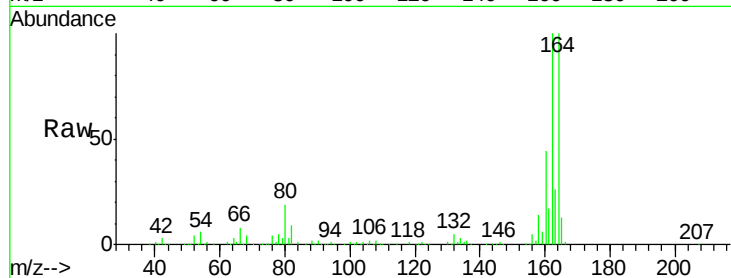




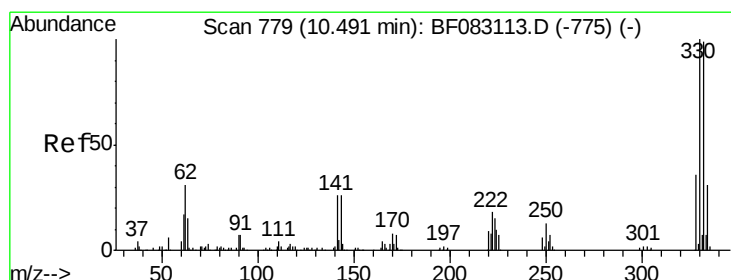
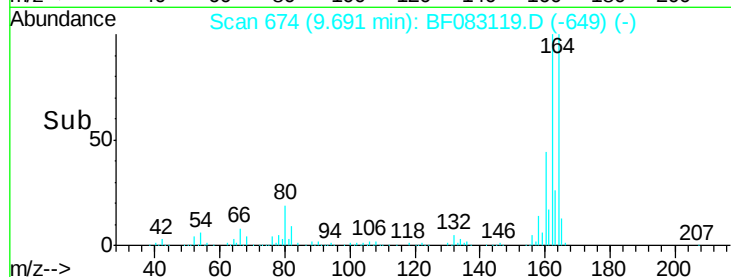
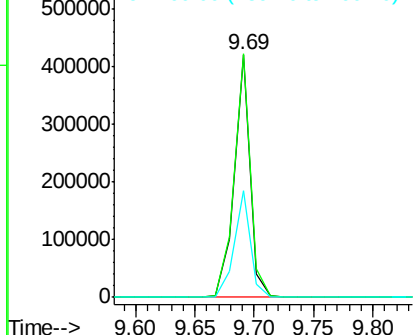
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Tgt Ion:164 Resp: 389488
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.2 121.8
 160 44.0 35.6 53.4

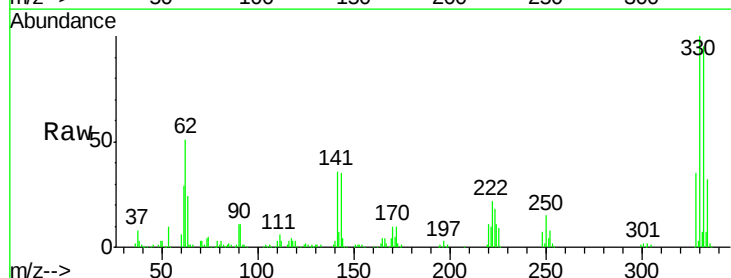


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

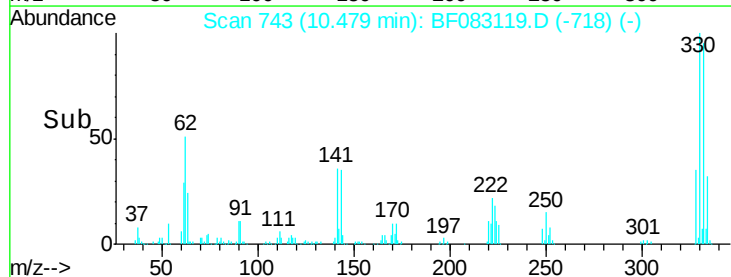
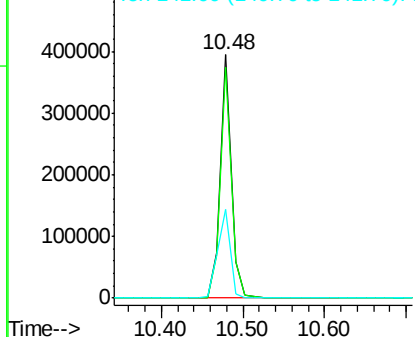


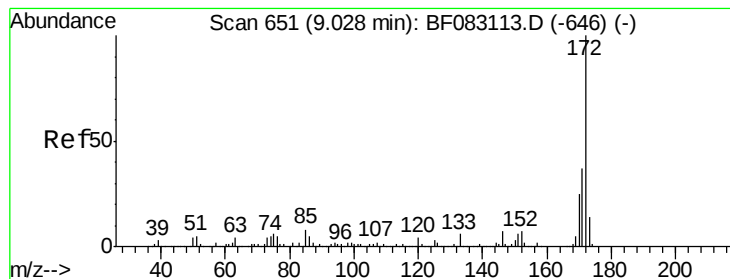
#41
 2,4,6-Tribromophenol
 Concen: 46.69 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Tgt Ion:330 Resp: 372062
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 41.6 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: 31.48 ng

RT: 9.03 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

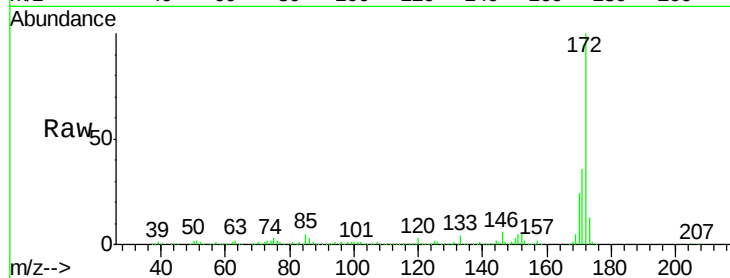
Tgt Ion:172 Resp: 1758729

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

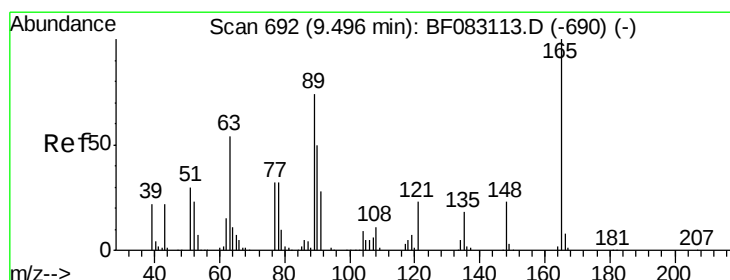
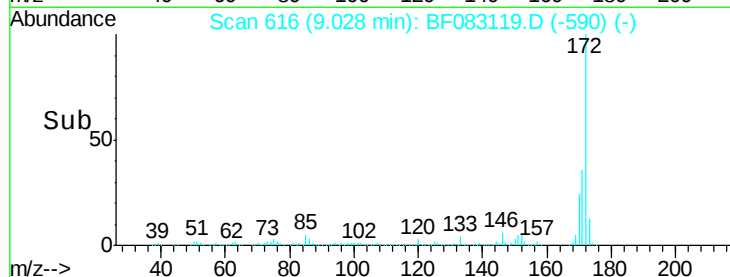
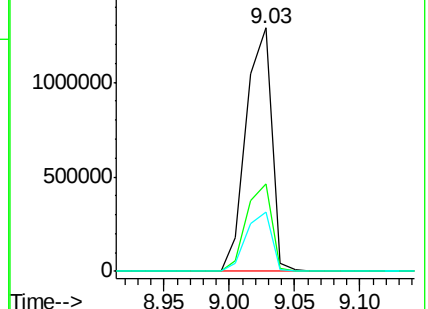
170 24.1 19.9 29.9



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: 7.43 ng

RT: 9.69 min Scan# 674

Delta R.T. 0.19 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

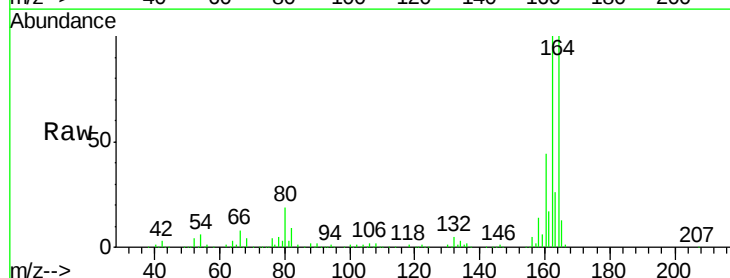
Tgt Ion:165 Resp: 50000

Ion Ratio Lower Upper

165 100

63 1.2 62.5 93.7#

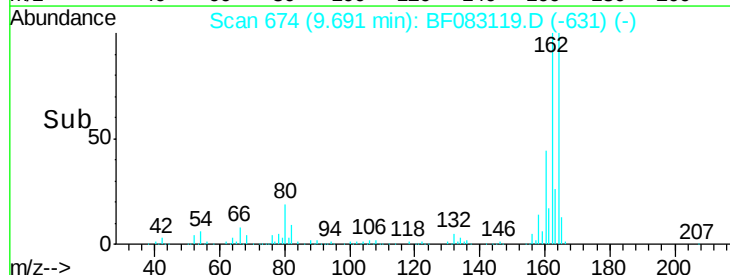
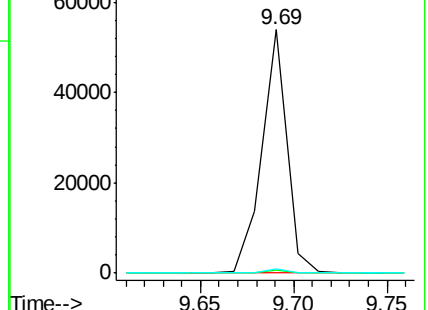
89 1.9 59.1 88.7#



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

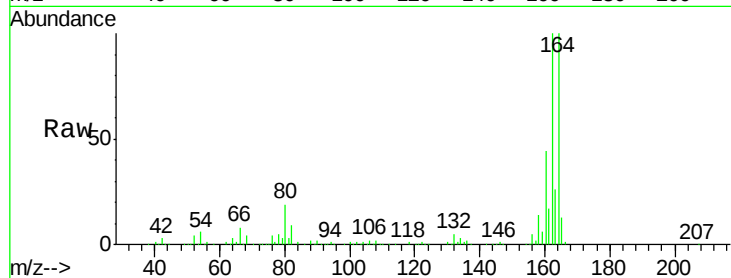




#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.21 min
Lab File: BF083119.D
Acq: 21 Nov 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB86620BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.5	81.7#
89	1.9	77.3	115.9#
182	0.0	1.8	2.6#

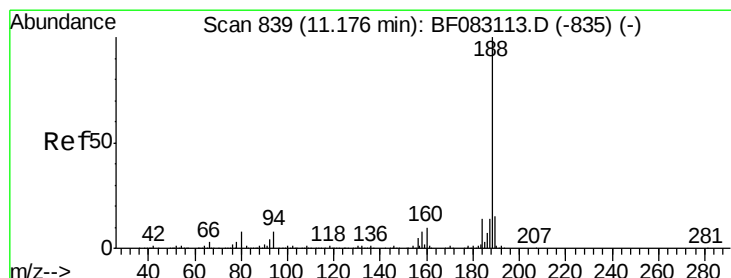
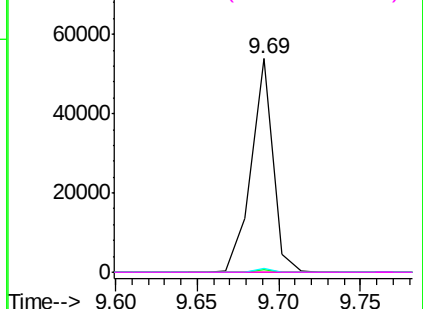
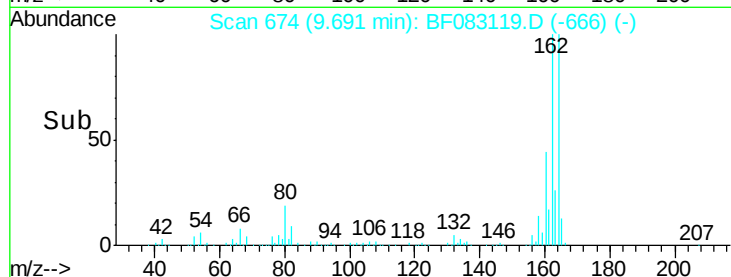


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

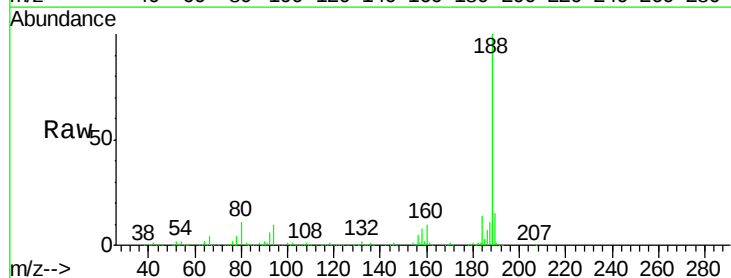
Ion 89.00 (88.70 to 89.70): BF0

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: BF083119.D
Acq: 21 Nov 2015 19:03

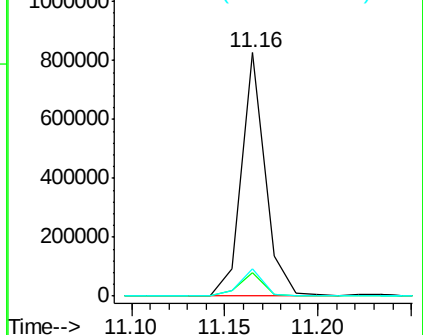
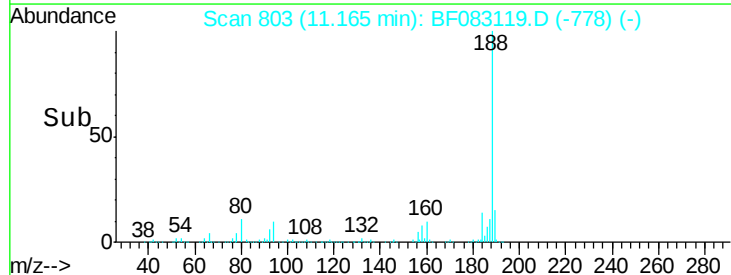
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.0	9.0#
80	11.2	6.7	10.1#

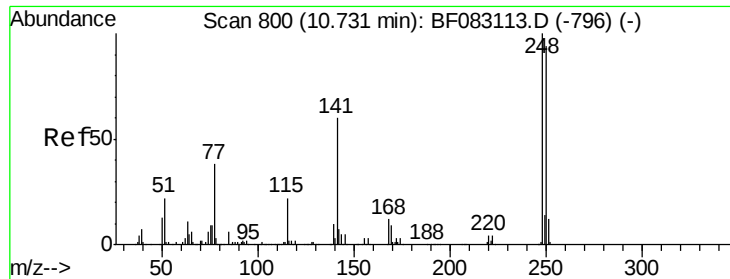


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

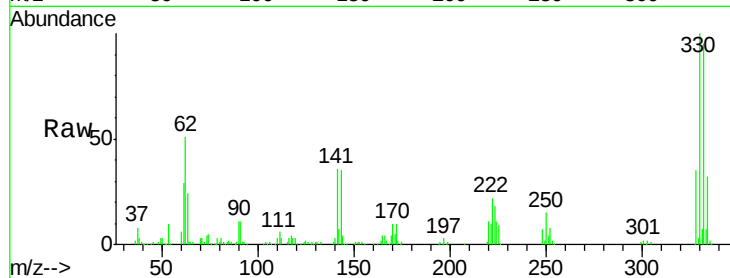




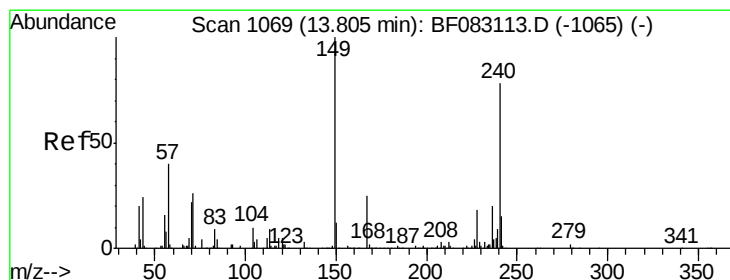
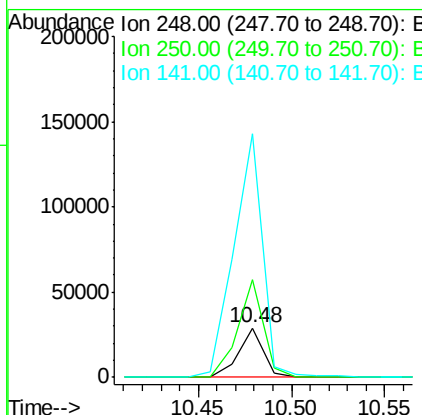
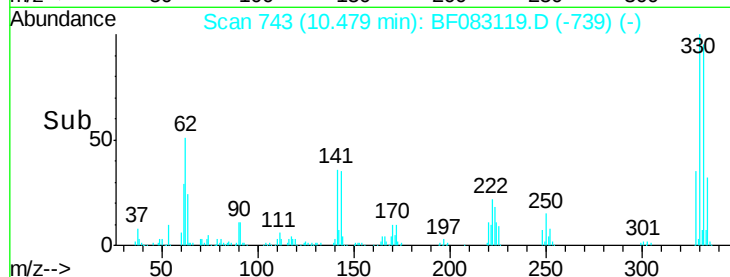
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Tgt Ion:248 Resp: 27286
 Ion Ratio Lower Upper
 248 100
 250 199.4 75.4 113.2#
 141 494.0 48.1 72.1#

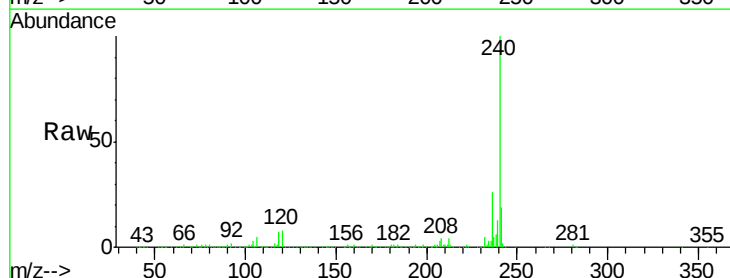


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

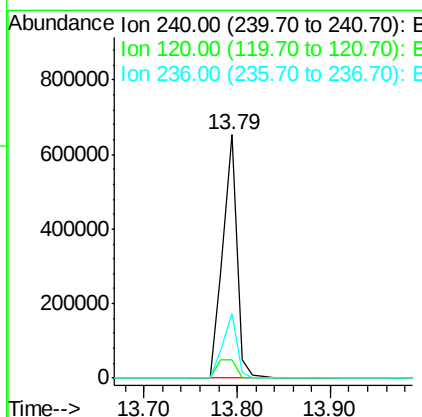
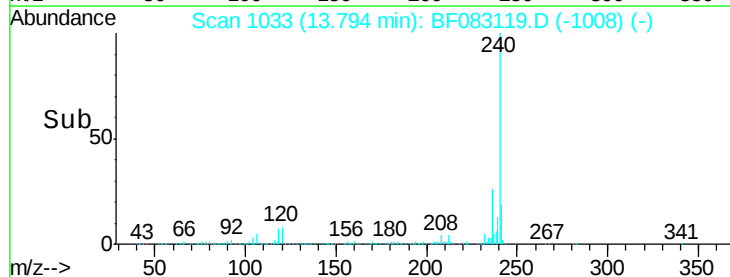


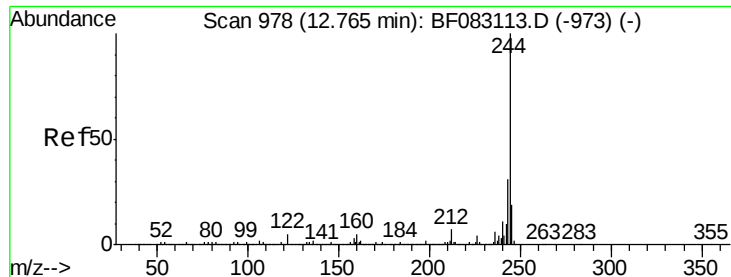
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Tgt Ion:240 Resp: 688269
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.4 8.2
 236 26.2 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

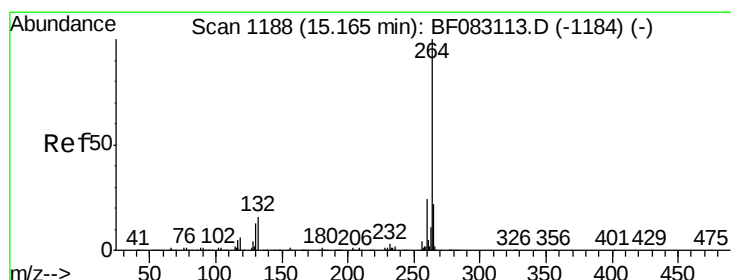
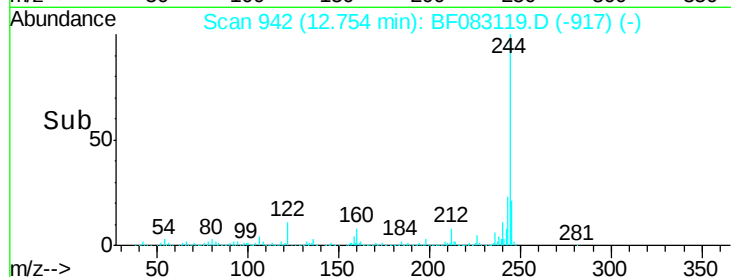
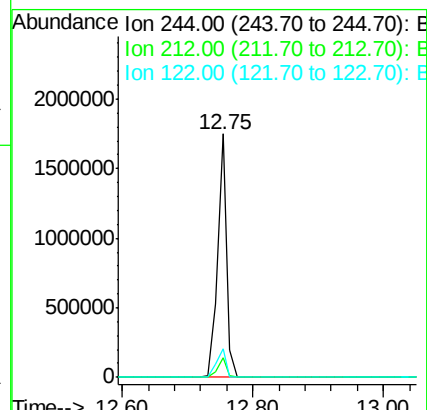
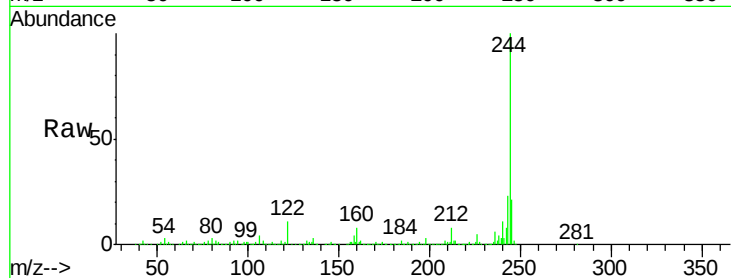




#78
 Terphenyl-d14
 Concen: 29.40 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Tgt Ion:244 Resp: 1718383
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 11.5 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: BF083119.D
 Acq: 21 Nov 2015 19:03

Tgt Ion:264 Resp: 599214
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.5 18.2 27.4

