

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083310.D
 Acq On : 26 Nov 2015 10:35
 Operator : UM/IZ
 Sample : G4572-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:41:49 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

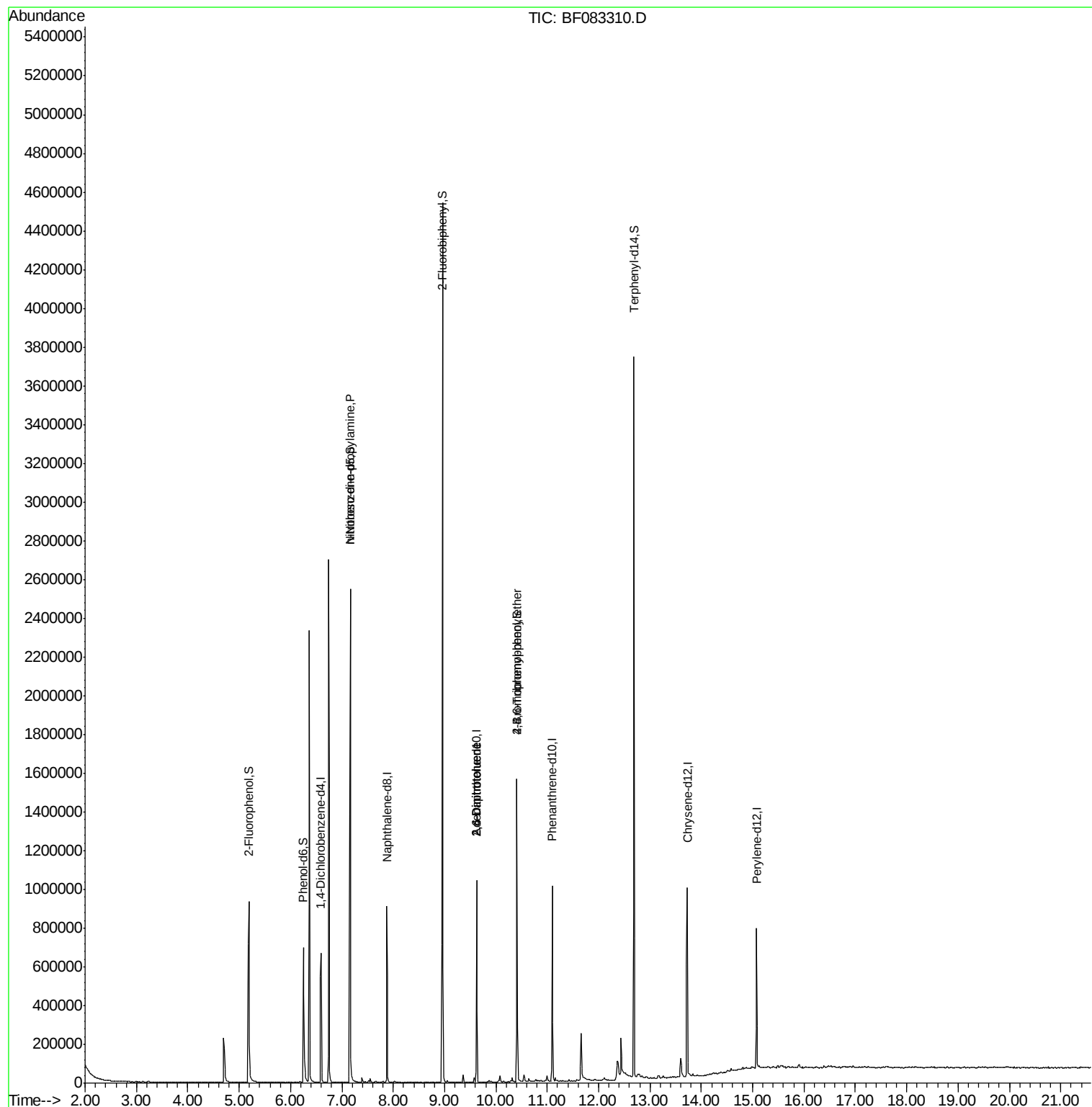
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	138370	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	495239	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	214814	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	374894	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	414572	20.00	ng	-0.08
86) Perylene-d12	15.07	264	300681	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	381110	41.64	ng	-0.09
7) Phenol-d6	6.25	99	328285	27.72	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1008221	93.02	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	160406	72.99	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1316793	85.48	ng	-0.07
78) Terphenyl-d14	12.68	244	1176315	66.82	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	133877	16.24	ng	# 74
50) 2,6-Dinitrotoluene	9.62	165	26909	7.25	ng	# 12
56) 2,4-Dinitrotoluene	9.62	165	26910	5.72	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	11462	2.76	ng	# 1

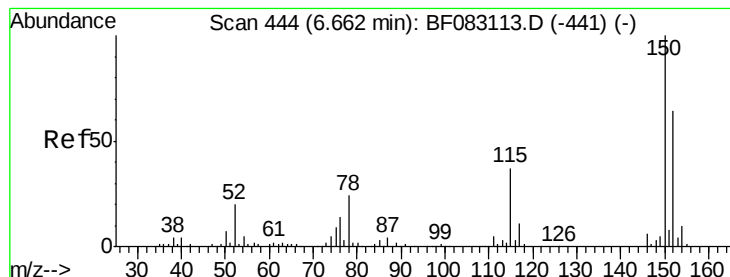
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Nov 26 12:41:49 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: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

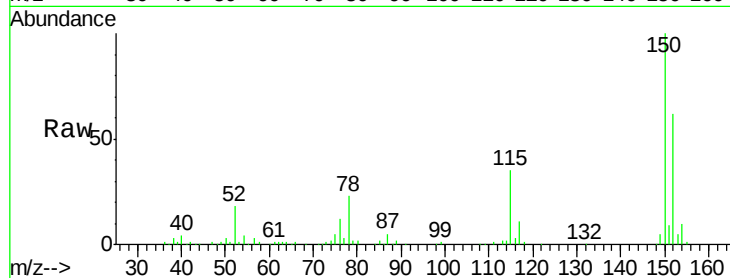
Tot Ion:152 Resp: 138370

Ion Ratio Lower Upper

152 100

150 162.1 125.8 188.8

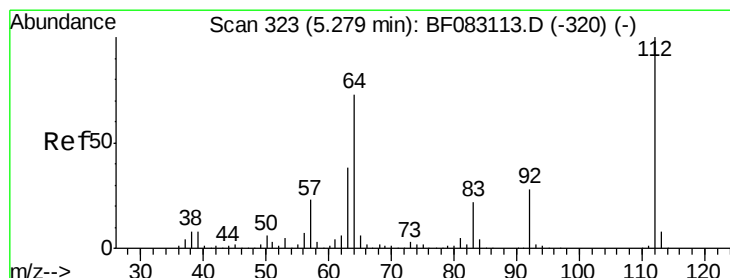
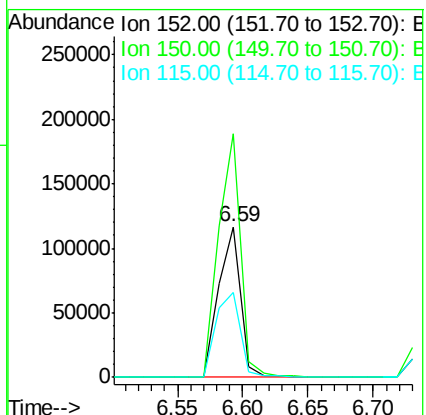
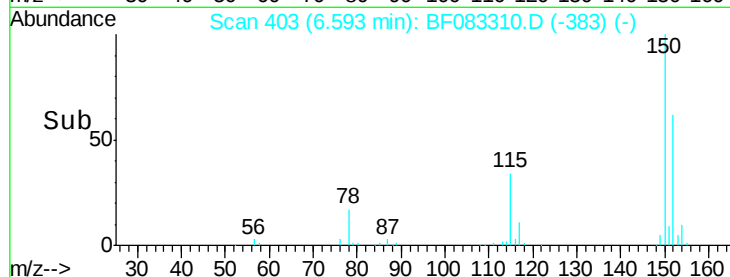
115 56.1 46.9 70.3



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: 41.64 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

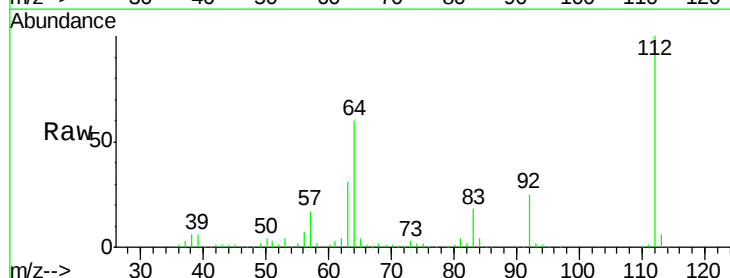
Tgt Ion:112 Resp: 381110

Ion Ratio Lower Upper

112 100

64 59.6 58.4 87.6

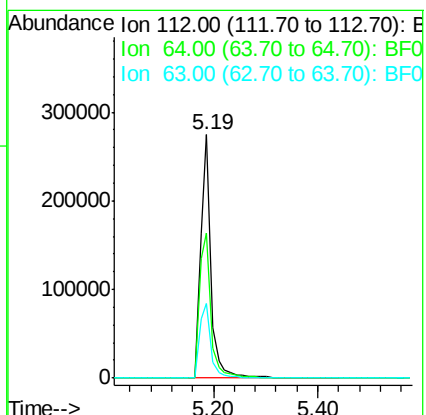
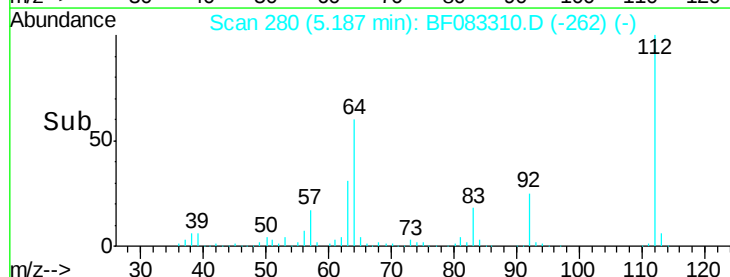
63 30.6 30.0 45.0

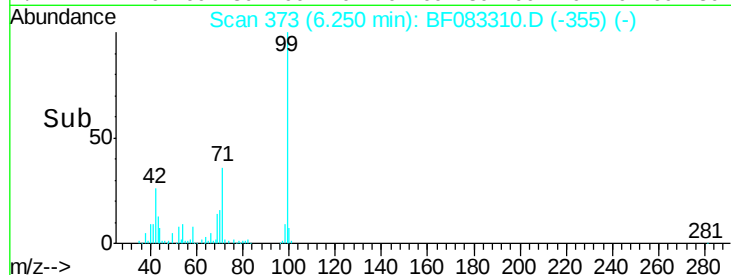
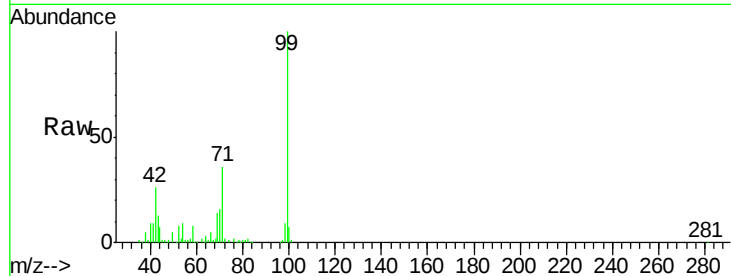
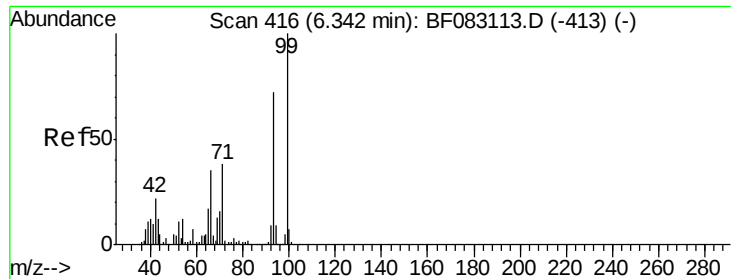


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.72 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

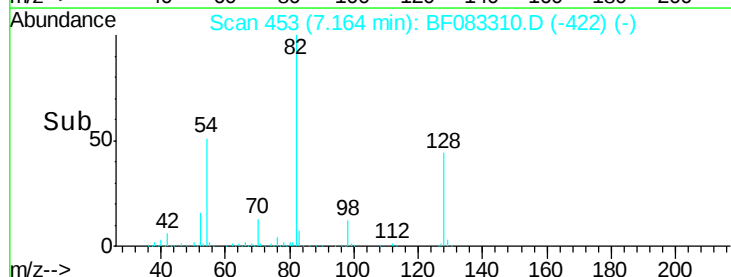
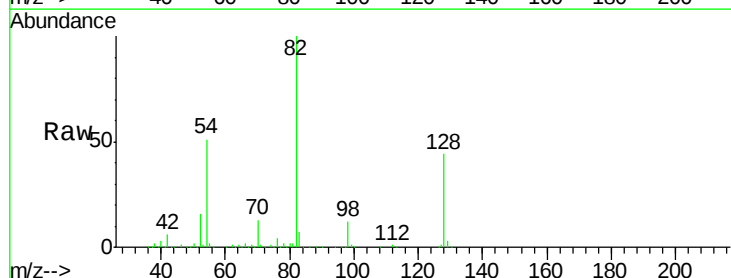
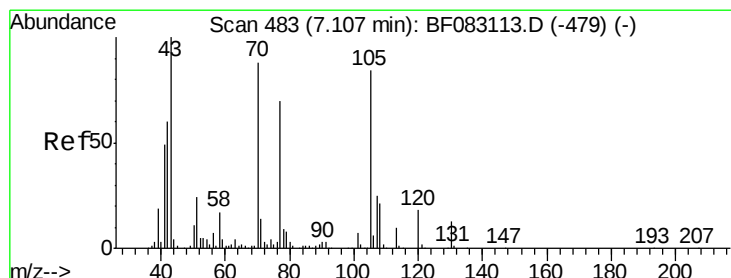
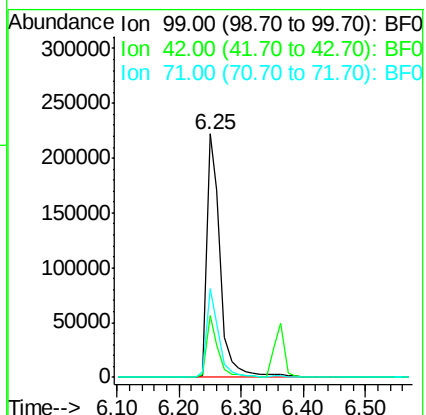
Tot Ion: 99 Resp: 328285

Ion Ratio Lower Upper

99 100

42 25.7 17.7 26.5

71 36.3 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.24 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Tgt Ion: 70 Resp: 133877

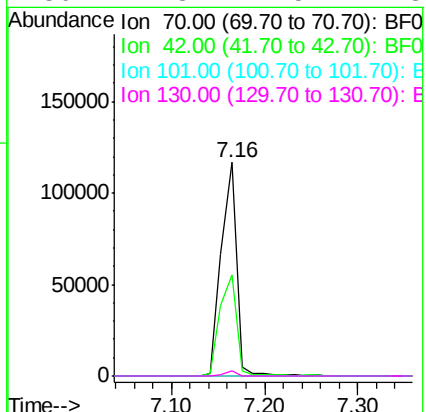
Ion Ratio Lower Upper

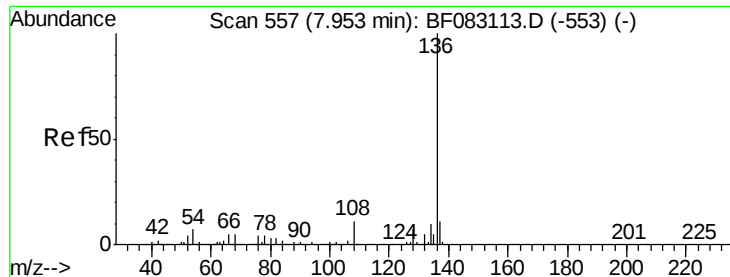
70 100

42 47.6 54.5 81.7#

101 0.0 6.6 9.8#

130 2.3 11.5 17.3#

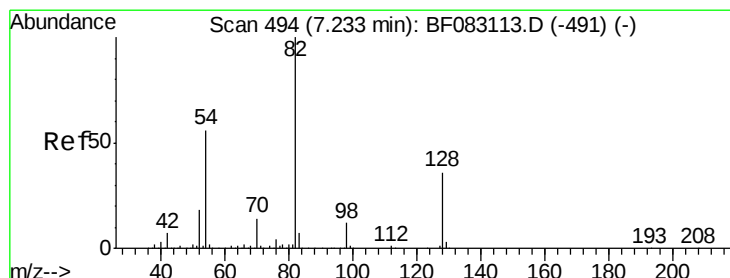
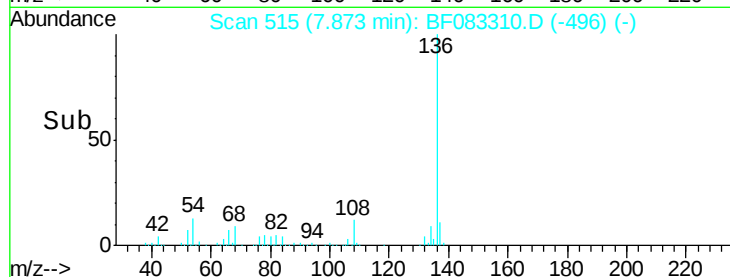
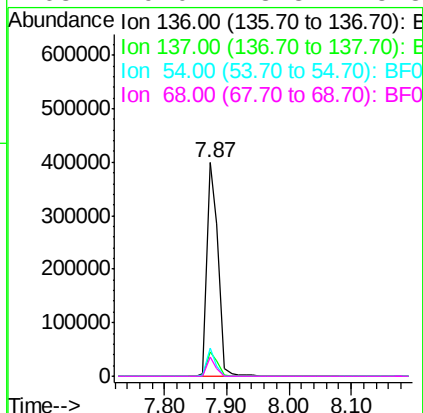
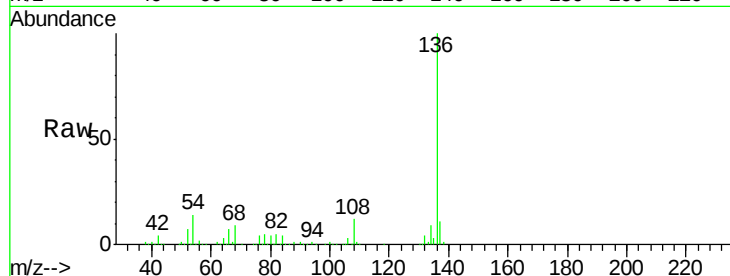




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

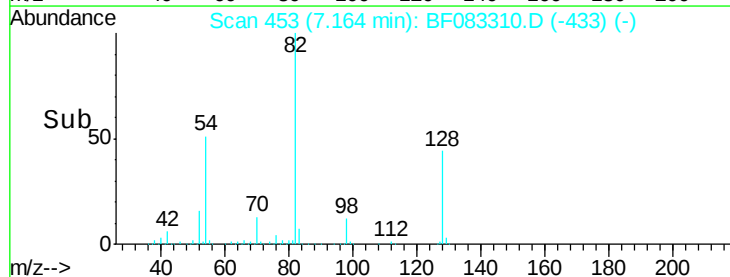
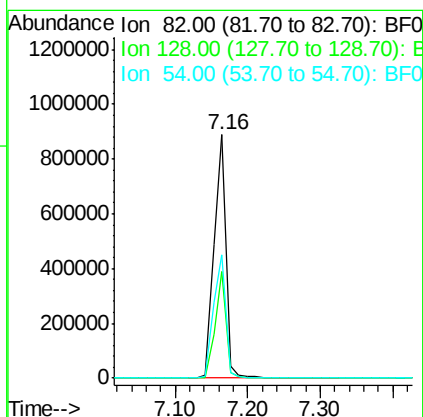
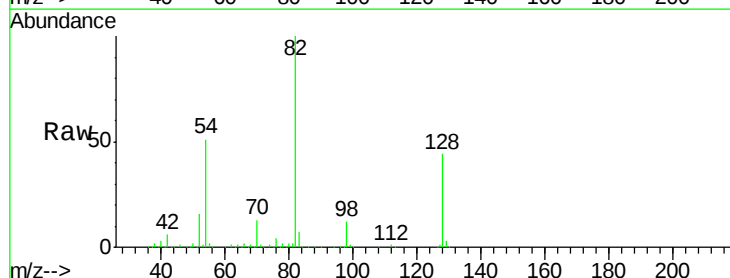
Instrument :
BNA_F
ClientSampleId :

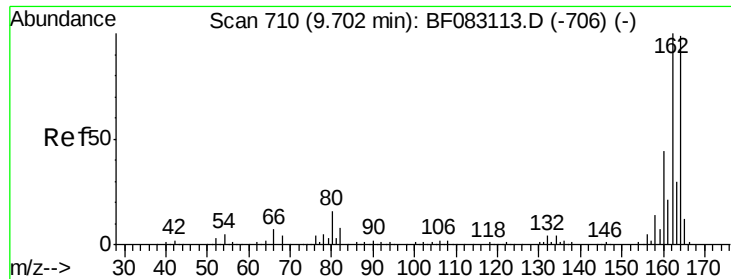
Tot Ion:136	Resp:	495239
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	13.5	5.8 8.6#
68	9.0	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 93.02 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Tgt Ion: 82	Resp: 1008221
Ion Ratio	Lower Upper
82 100	
128 44.0	28.5 42.7#
54 50.8	44.6 67.0

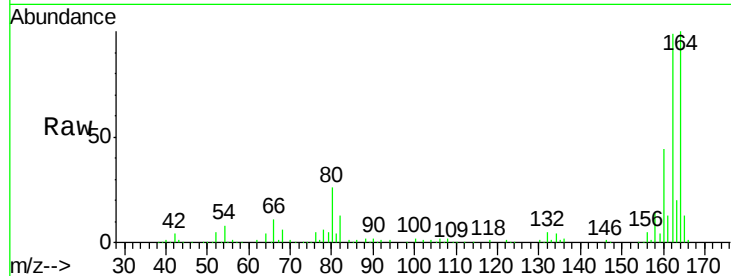




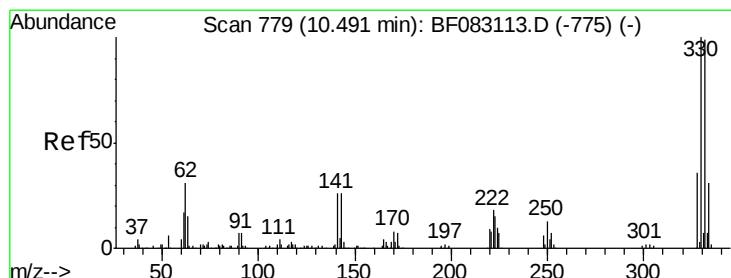
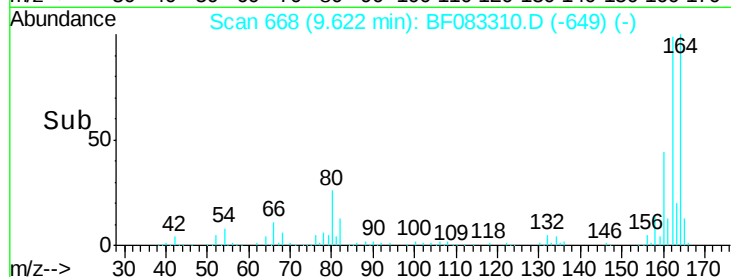
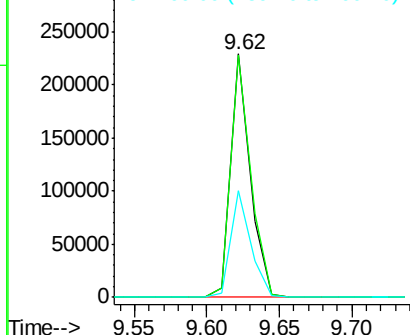
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 214814
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 43.9 35.6 53.4

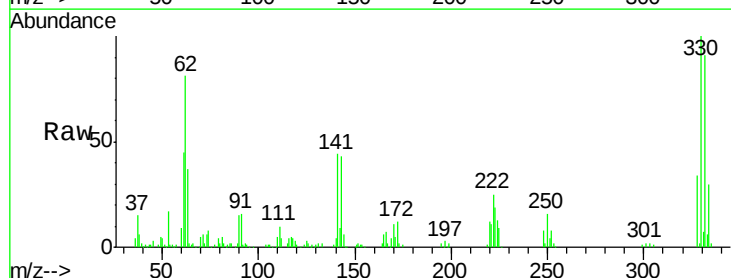


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

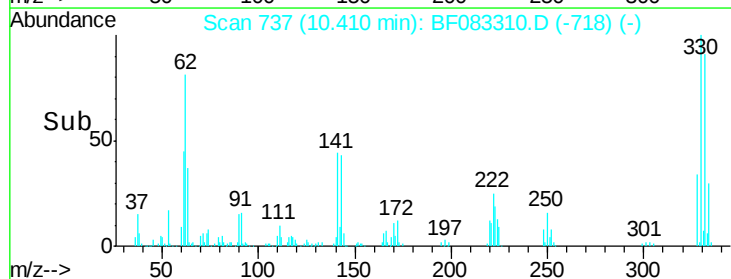
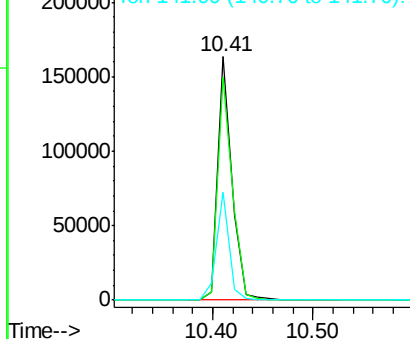


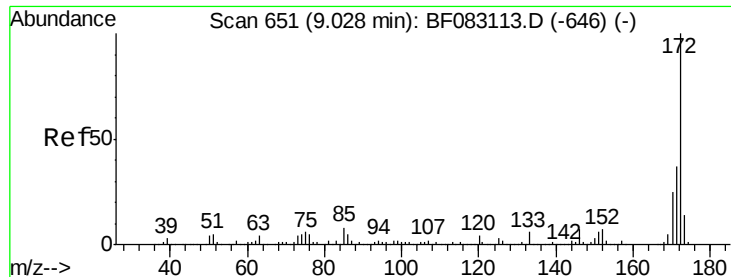
#41
2,4,6-Tribromophenol
Concen: 72.99 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Tgt Ion:330 Resp: 160406
Ion Ratio Lower Upper
330 100
332 95.0 77.7 116.5
141 39.7 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

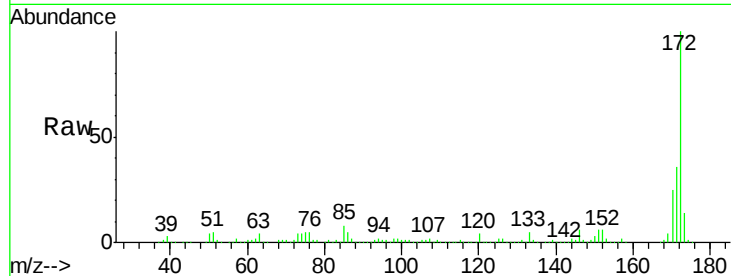




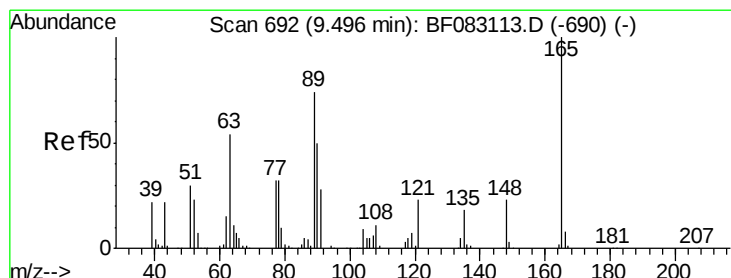
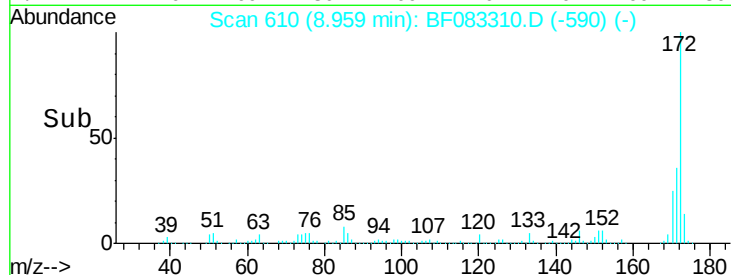
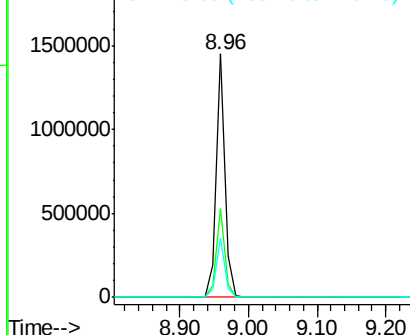
#44
 2-Fluorobiphenyl
 Concen: 85.48 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1316793
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.6 19.9 29.9

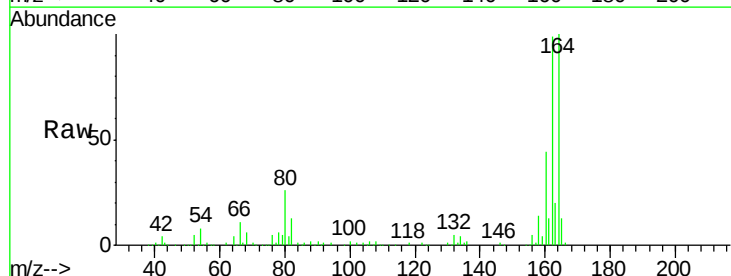


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

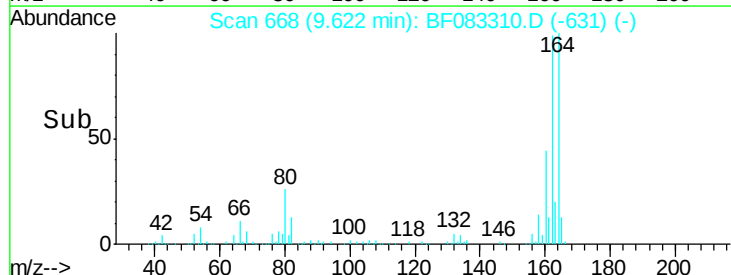
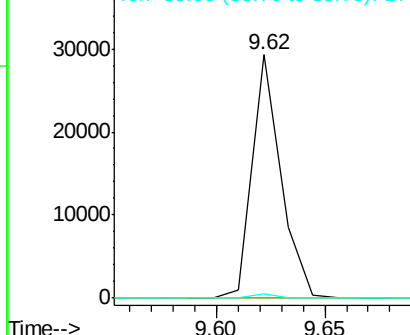


#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

Tgt Ion:165 Resp: 26909
 Ion Ratio Lower Upper
 165 100
 63 0.0 62.5 93.7#
 89 1.8 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

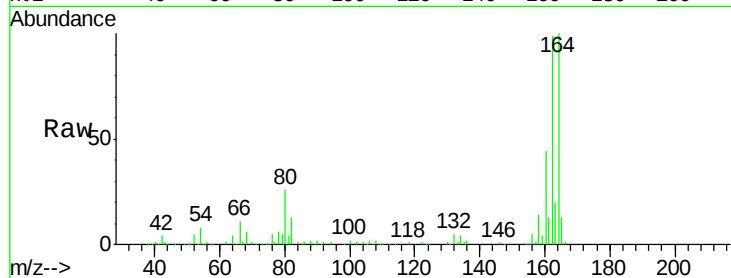




#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Instrument :
BNA_F
ClientSampleId :

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

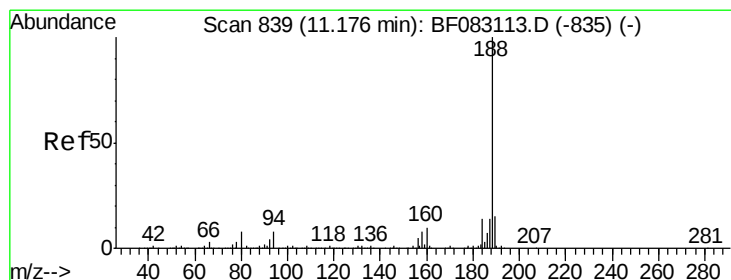
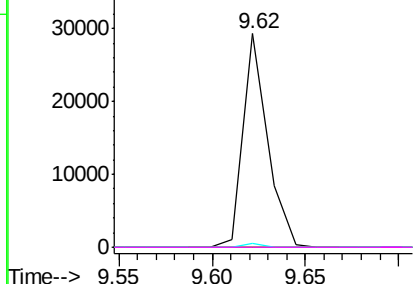
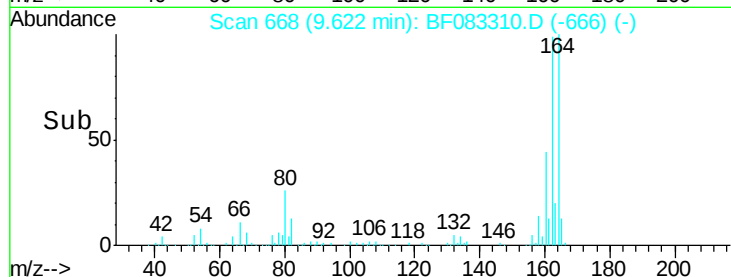


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

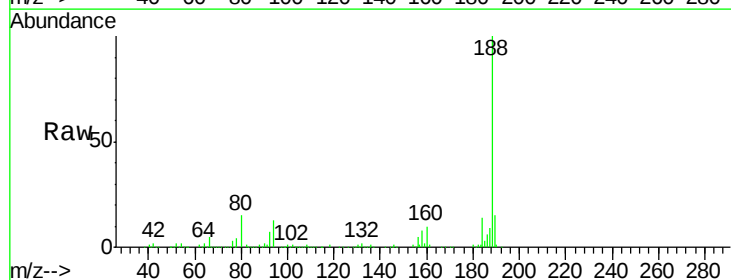
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

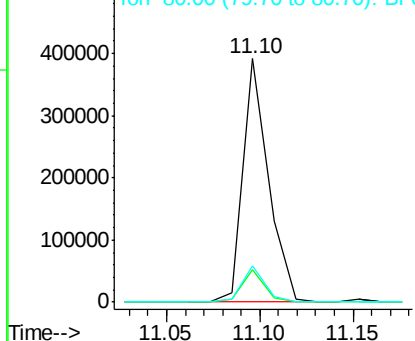
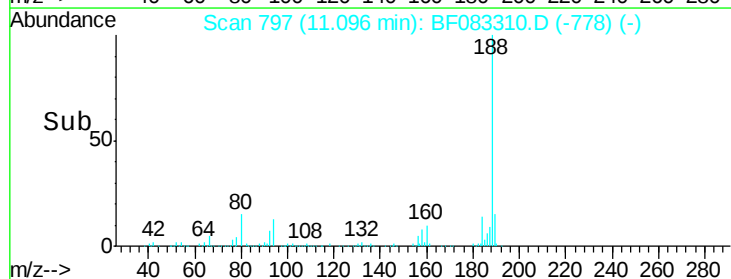
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	6.0	9.0#
80	14.8	6.7	10.1#

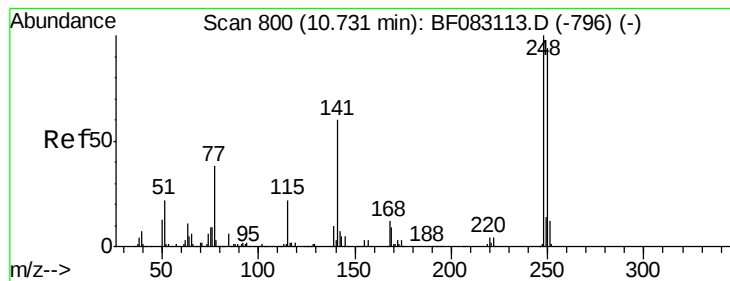


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.76 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

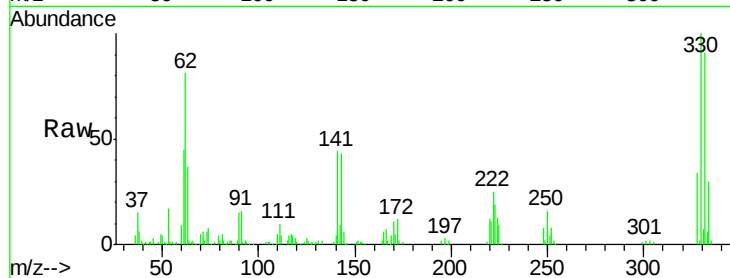
Tot Ion:248 Resp: 11462

Ion Ratio Lower Upper

248 100

250 201.9 75.4 113.2#

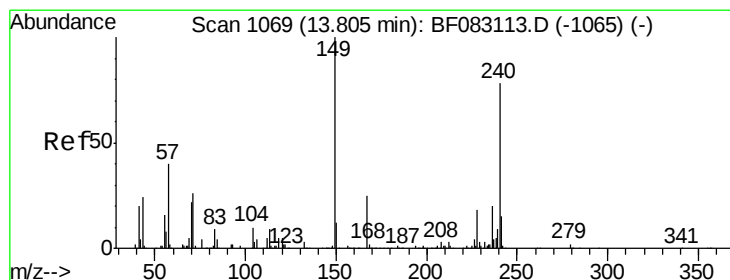
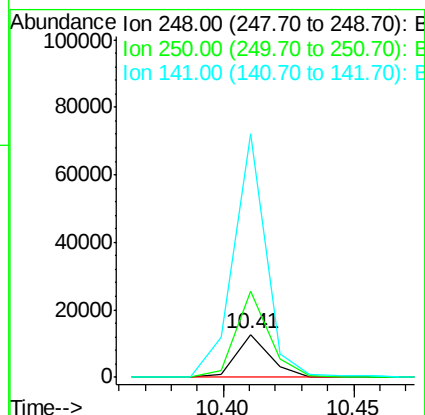
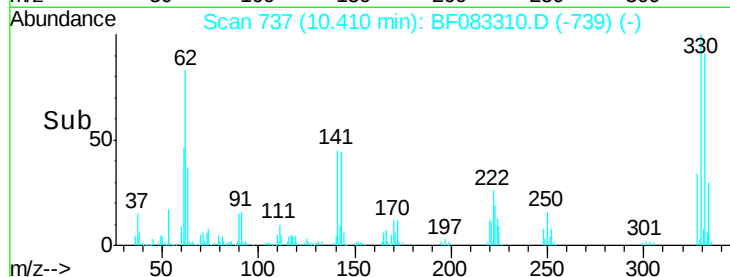
141 570.1 48.1 72.1#



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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

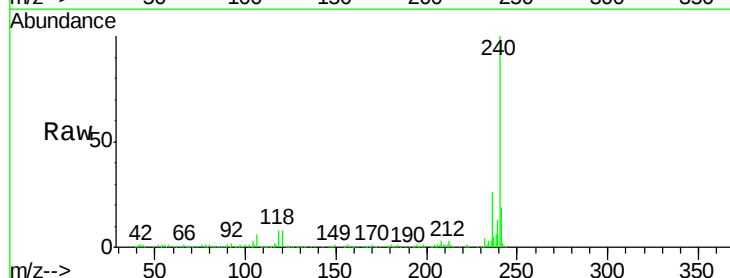
Tgt Ion:240 Resp: 414572

Ion Ratio Lower Upper

240 100

120 8.1 5.4 8.2

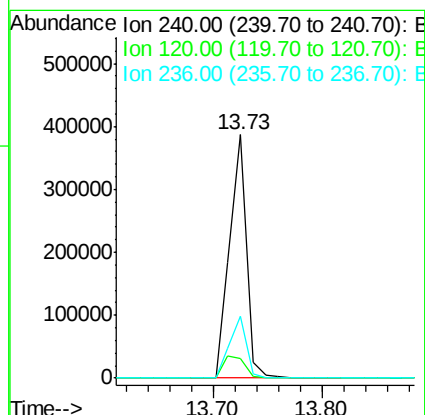
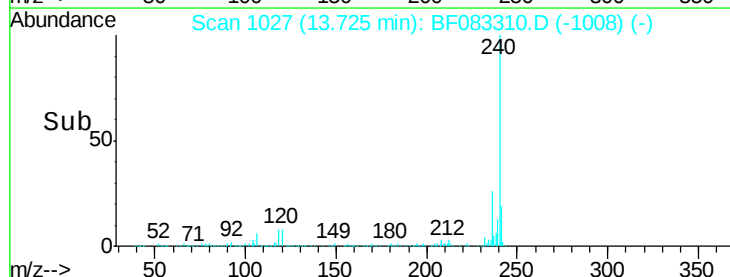
236 25.6 20.6 31.0

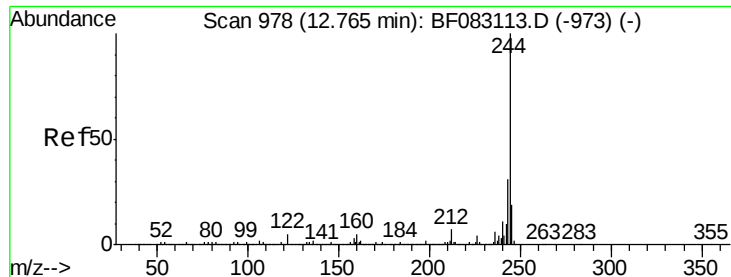


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.82 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

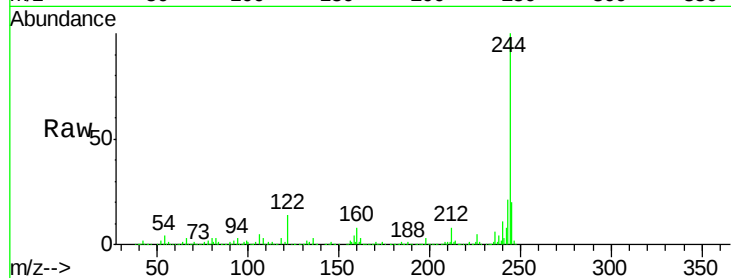
Tot Ion:244 Resp: 1176315

Ion Ratio Lower Upper

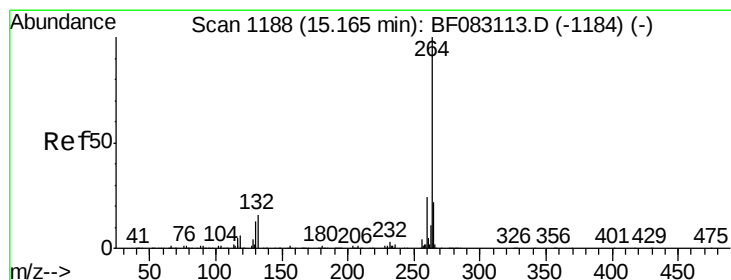
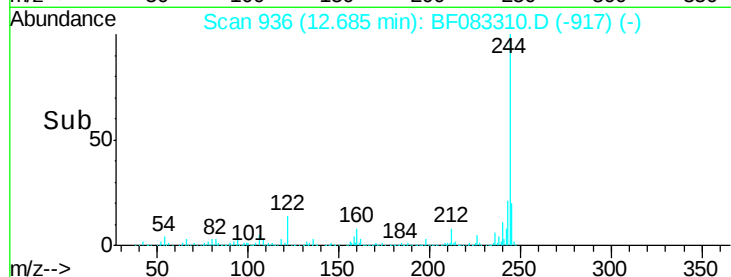
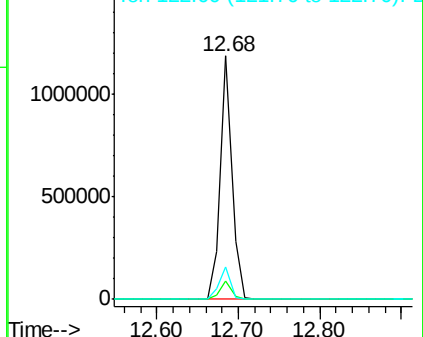
244 100

212 7.7 5.4 8.2

122 13.5 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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

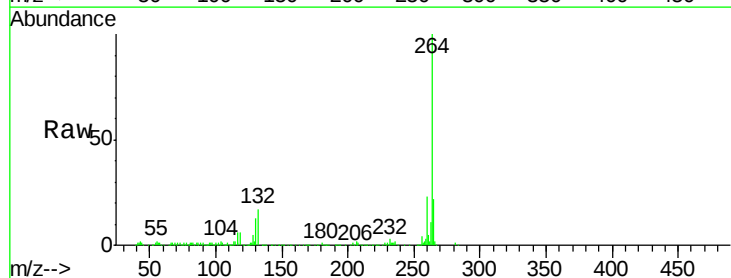
Tgt Ion:264 Resp: 300681

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.9 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

