

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083314.D
 Acq On : 26 Nov 2015 12:32
 Operator : UM/IZ
 Sample : G4534-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:34:02 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 09:22:46 2015
 Response via : Initial Calibration

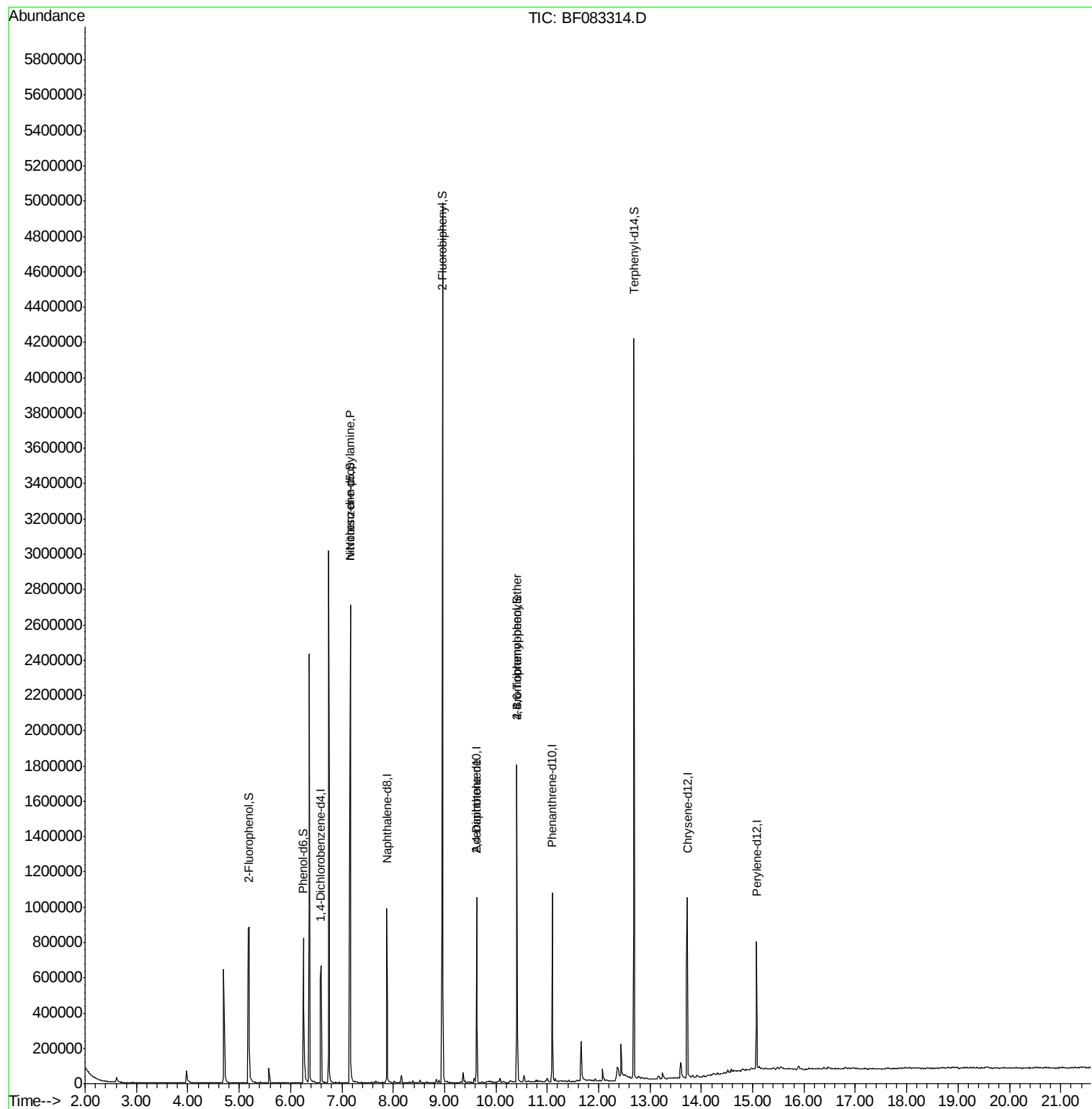
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	143159	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	488082	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	207361	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	371523	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	423498	20.00	ng	-0.08
86) Perylene-d12	15.07	264	311999	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	402412	42.50	ng	-0.09
7) Phenol-d6	6.25	99	341225	27.85	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1074205	100.57	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	180094	84.89	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1434686	96.48	ng	-0.07
78) Terphenyl-d14	12.68	244	1363787	75.83	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.25	77	648	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	145077	17.01 ng	#	75
56) 2,4-Dinitrotoluene	9.62	165	26444	5.83 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	13509	3.28 ng	#	1

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

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Quant Time: Nov 26 16:34:02 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 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: BF083314.D

Acq: 26 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

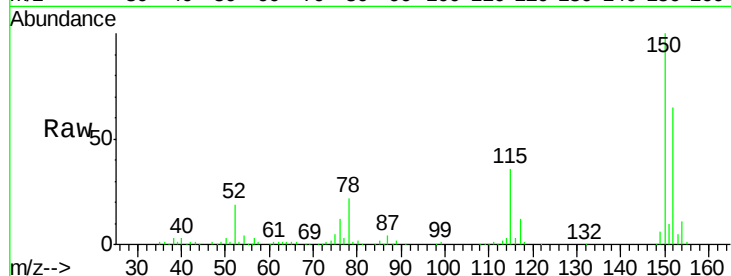
Tot Ion:152 Resp: 143159

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.8

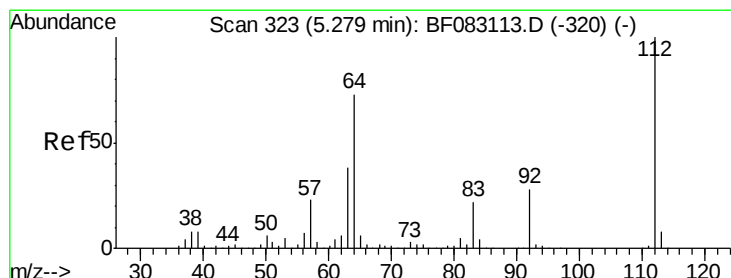
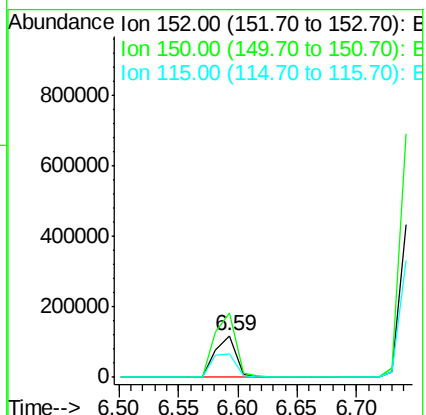
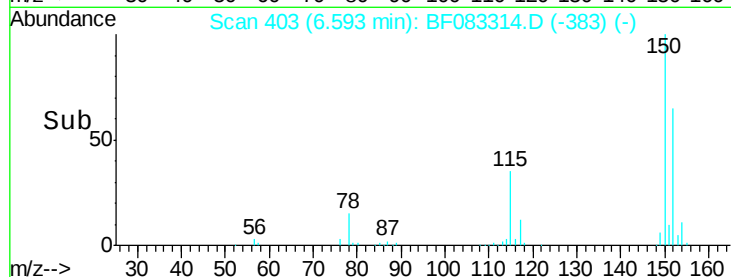
115 54.9 46.9 70.3



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



#5

2-Fluorophenol

Concen: 42.50 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

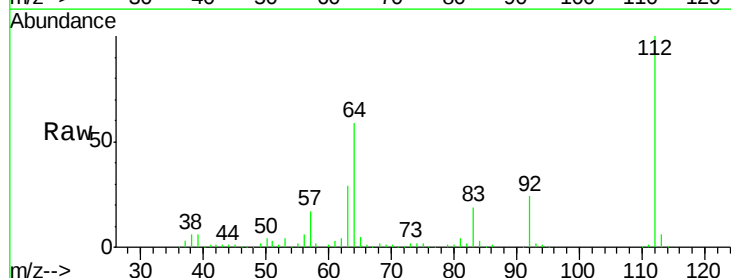
Tgt Ion:112 Resp: 402412

Ion Ratio Lower Upper

112 100

64 59.3 58.4 87.6

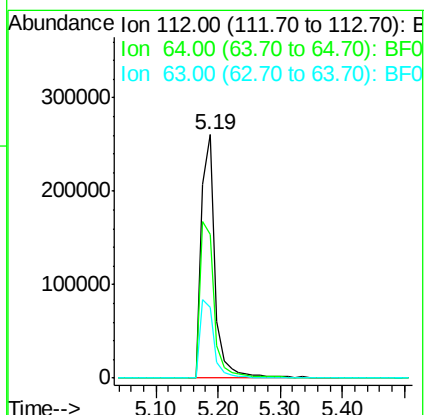
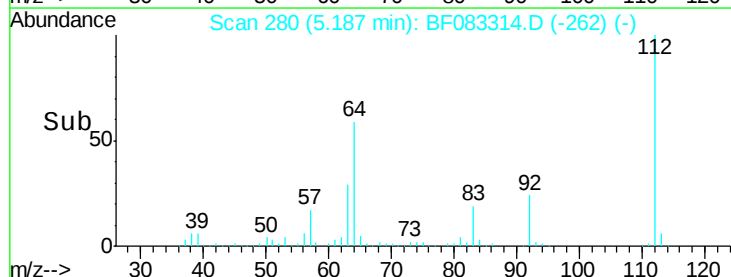
63 29.3 30.0 45.0#

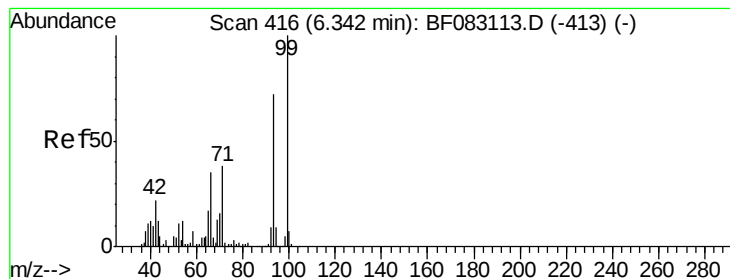


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.85 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

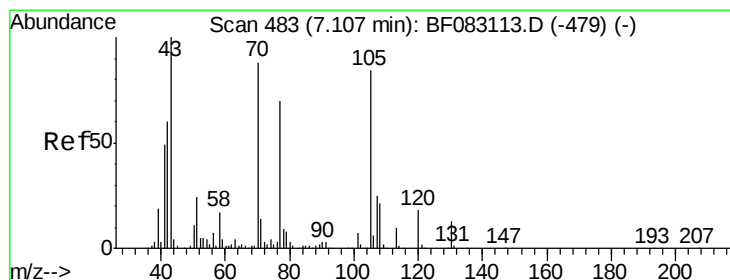
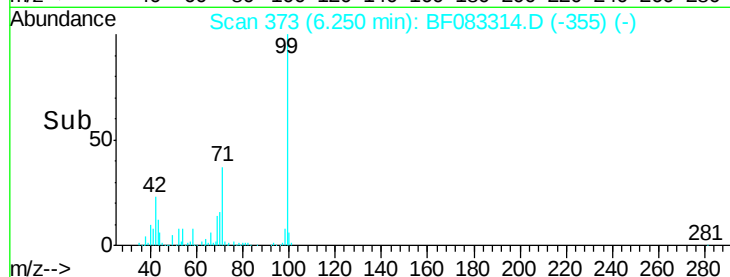
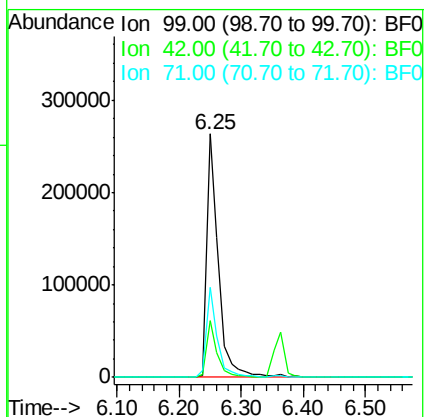
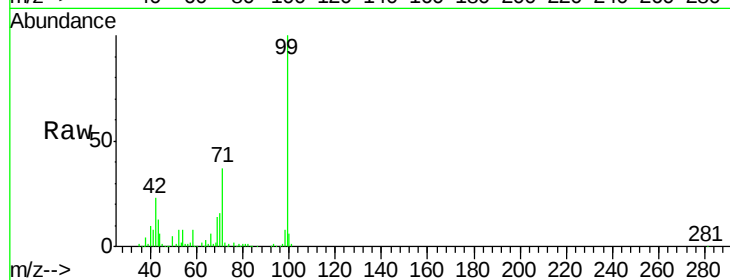
Tot Ion: 99 Resp: 341225

Ion Ratio Lower Upper

99 100

42 23.4 17.7 26.5

71 37.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.01 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

Tgt Ion: 70 Resp: 145077

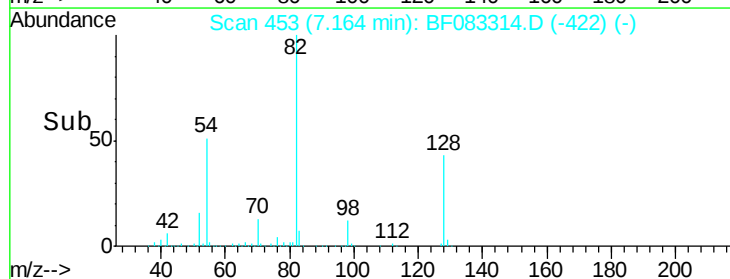
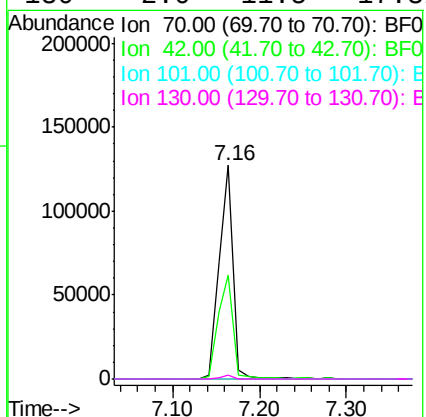
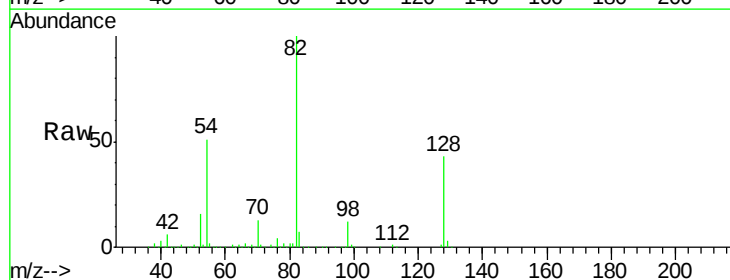
Ion Ratio Lower Upper

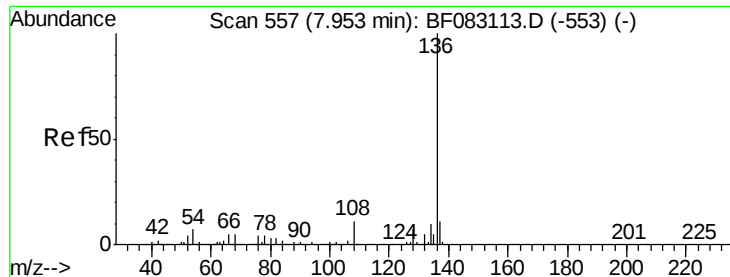
70 100

42 48.4 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: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083314.D

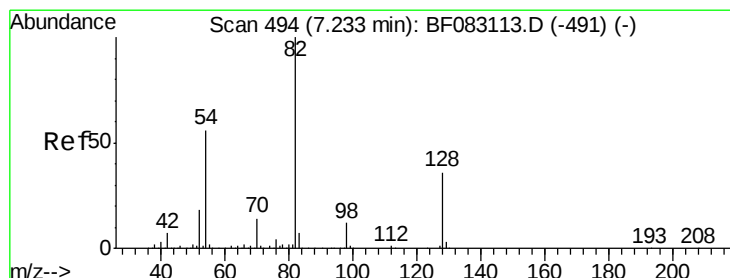
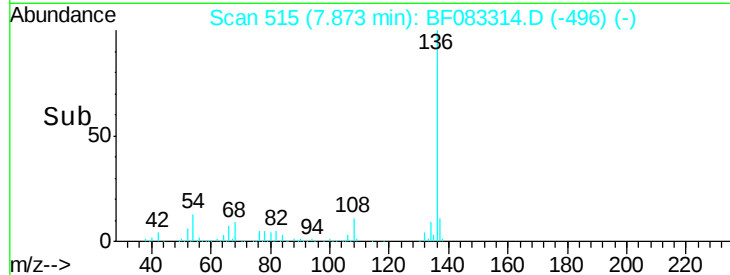
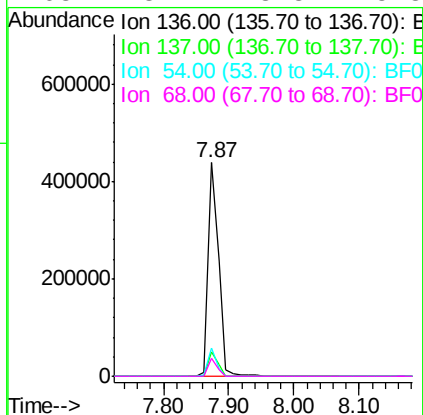
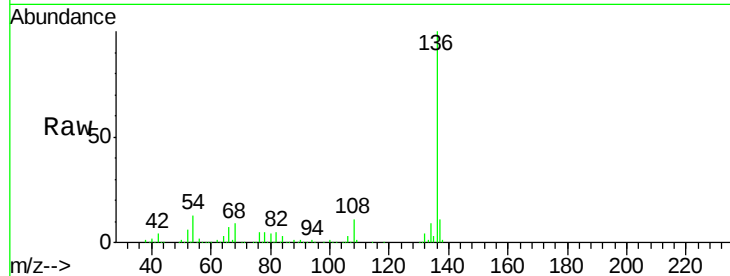
Acq: 26 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	488082
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	13.0	5.8 8.6#
68	8.7	3.8 5.8#



#23

Nitrobenzene-d5

Concen: 100.57 ng

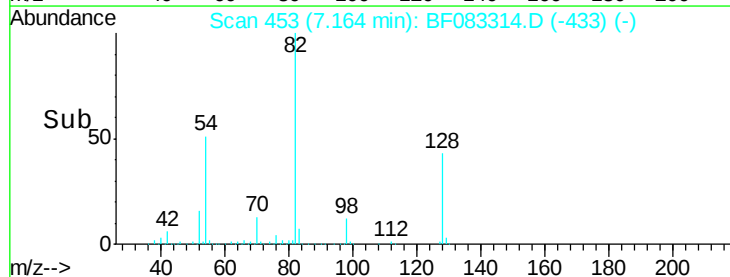
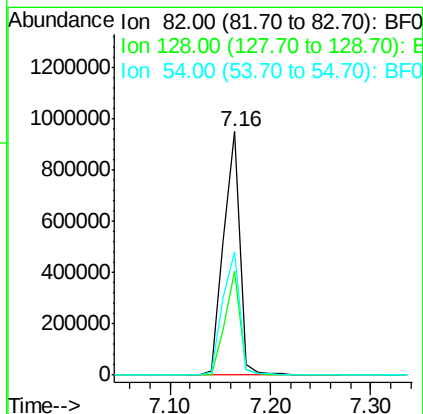
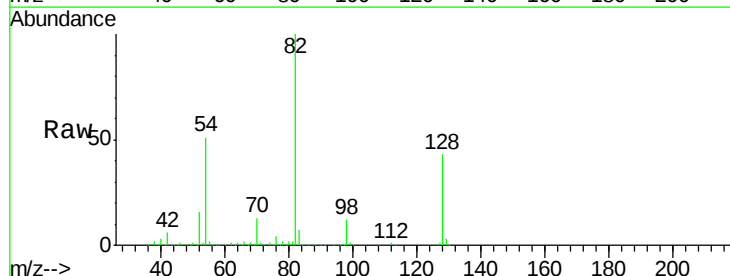
RT: 7.16 min Scan# 453

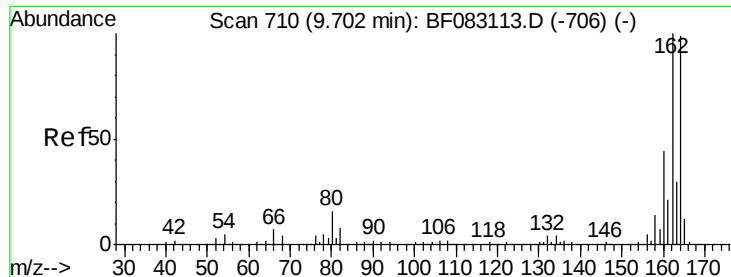
Delta R.T. -0.07 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

Tgt Ion: 82	Resp:	1074205
Ion	Ratio	Lower Upper
82	100	
128	43.0	28.5 42.7#
54	50.7	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: BF083314.D

Acq: 26 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

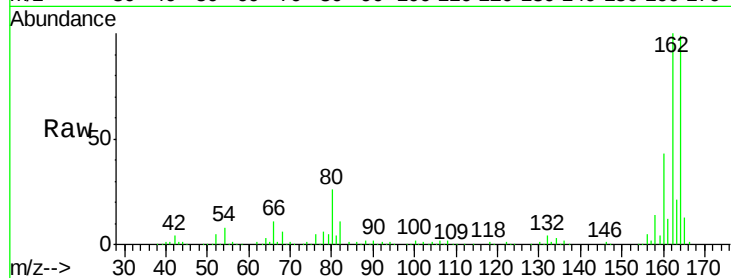
Tot Ion:164 Resp: 207361

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

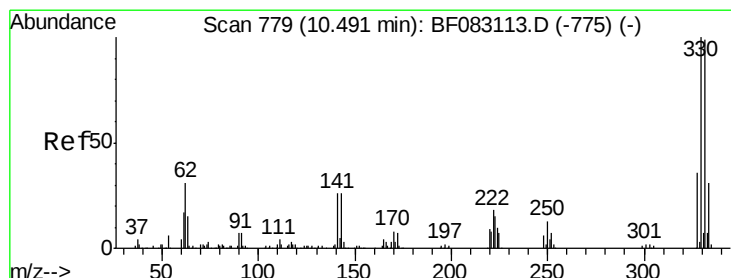
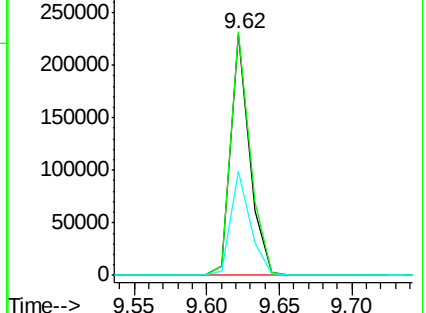
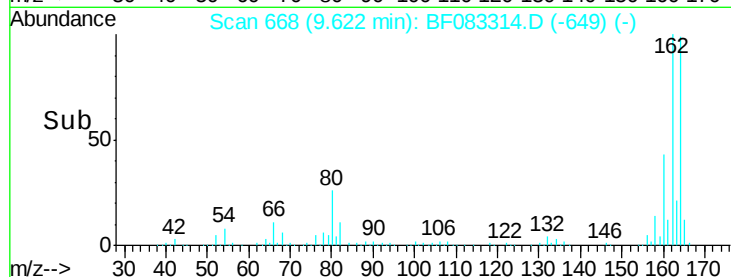
160 43.4 35.6 53.4



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: 84.89 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

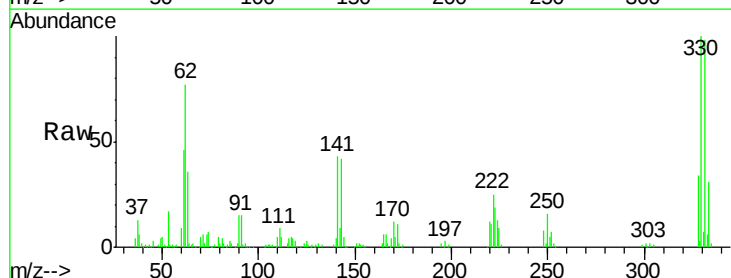
Tgt Ion:330 Resp: 180094

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

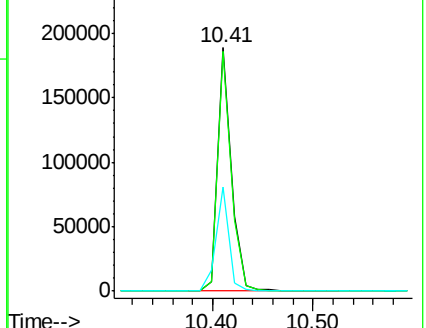
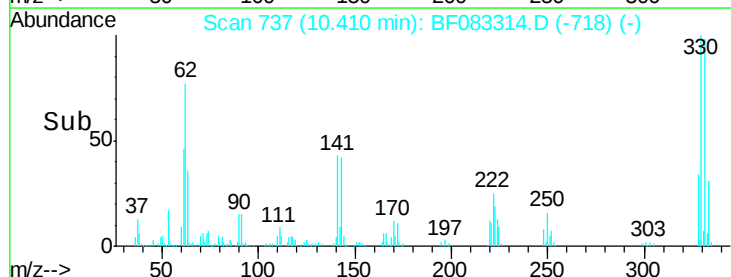
141 40.2 29.7 44.5

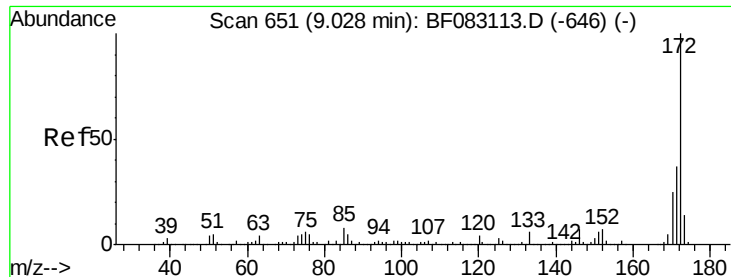


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



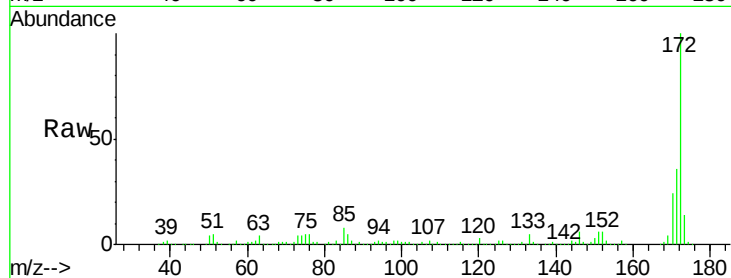


#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083314.D
 Acq: 26 Nov 2015 12:32

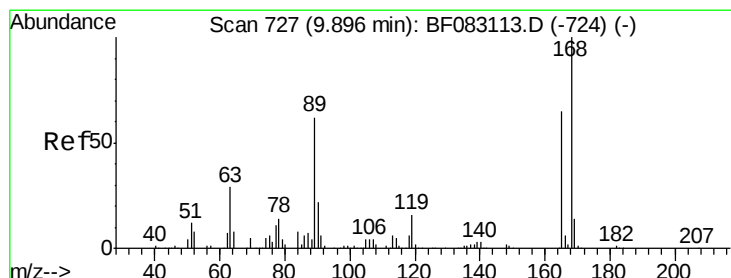
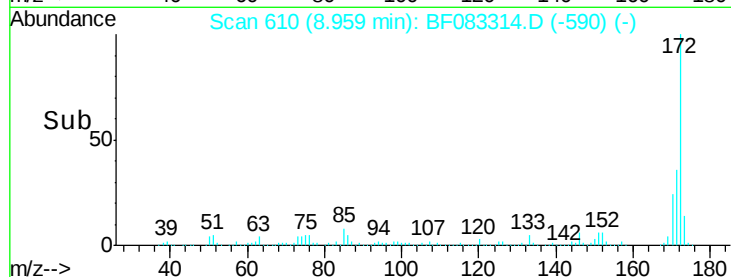
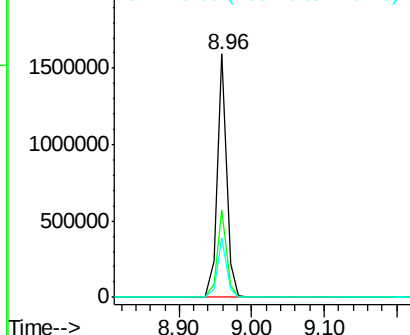
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1434686

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.3	19.9	29.9



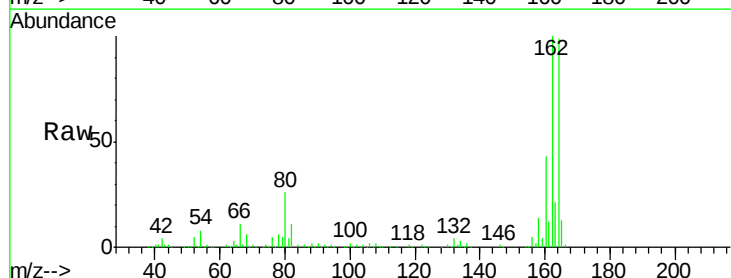
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



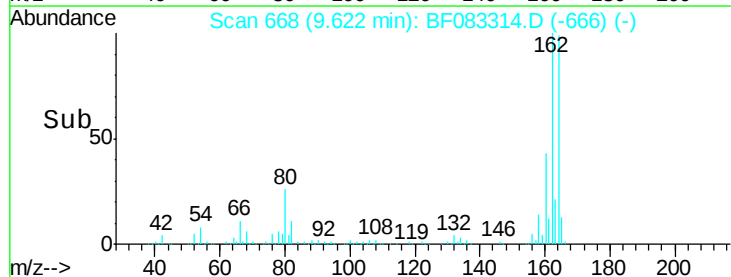
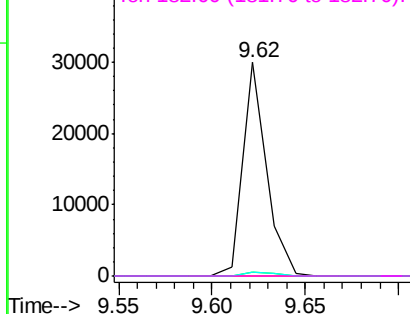
#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083314.D
 Acq: 26 Nov 2015 12:32

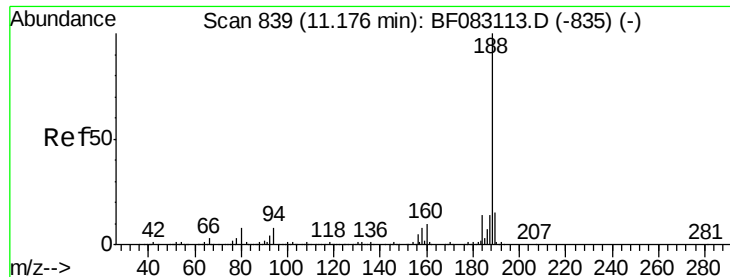
Tgt Ion:165 Resp: 26444

Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.5	81.7#
89	1.5	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

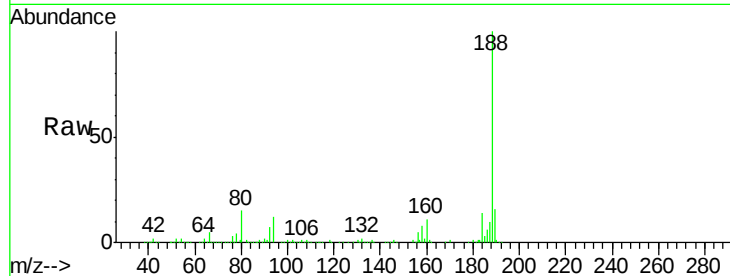




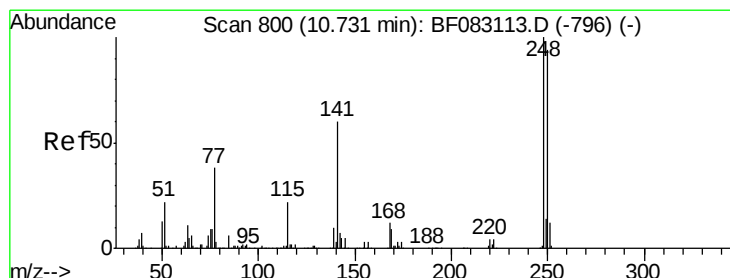
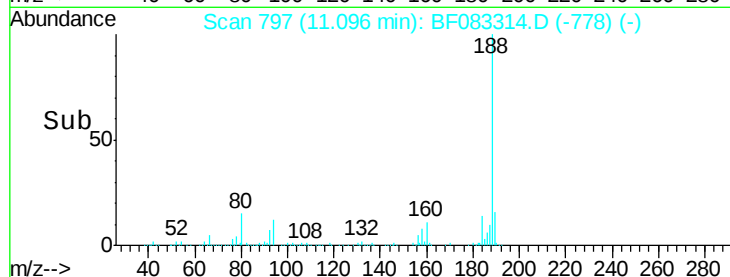
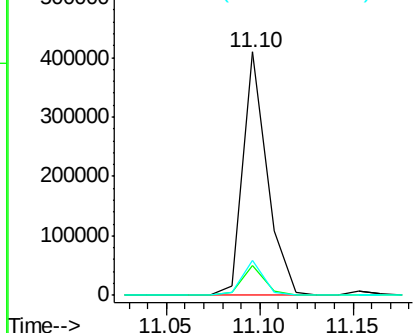
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083314.D
Acq: 26 Nov 2015 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 371523
Ion Ratio Lower Upper
188 100
94 12.4 6.0 9.0#
80 14.6 6.7 10.1#

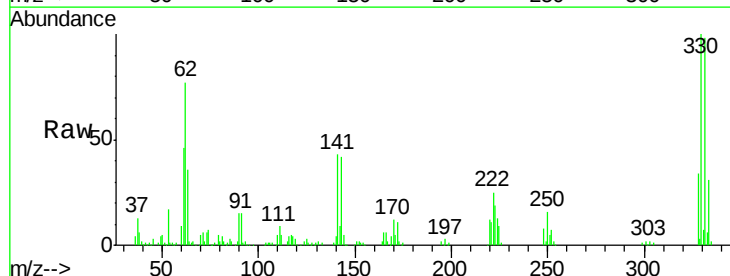


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

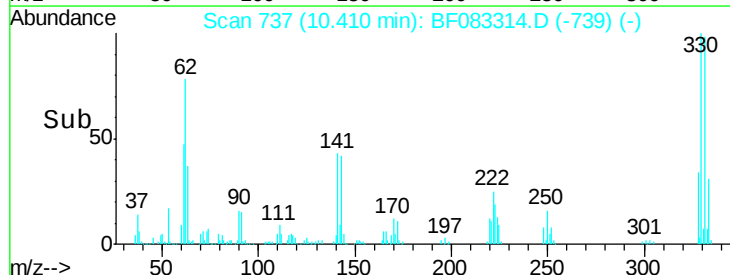
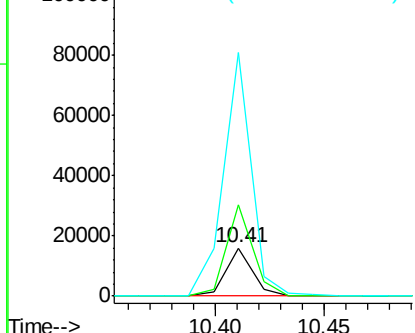


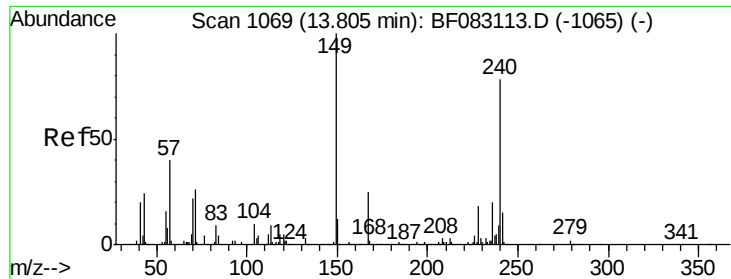
#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083314.D
Acq: 26 Nov 2015 12:32

Tgt Ion:248 Resp: 13509
Ion Ratio Lower Upper
248 100
250 191.4 75.4 113.2#
141 509.0 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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

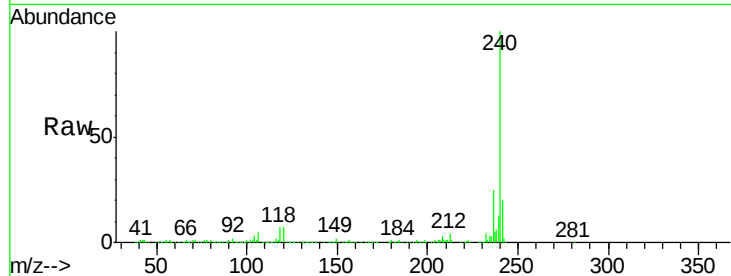
Tot Ion:240 Resp: 423498

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.2

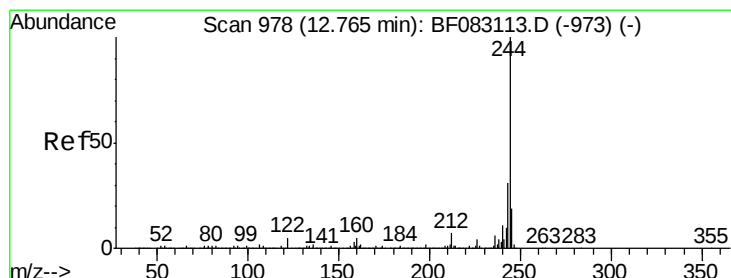
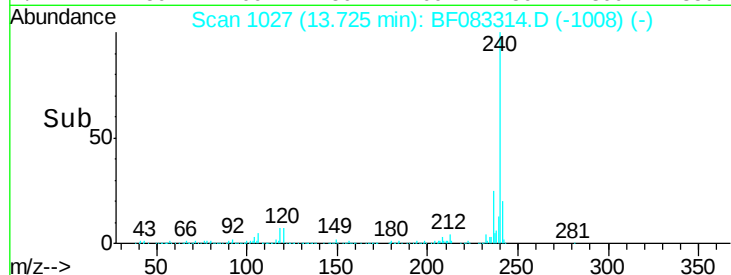
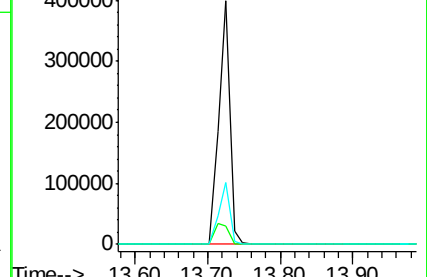
236 25.3 20.6 31.0



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: 75.83 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083314.D

Acq: 26 Nov 2015 12:32

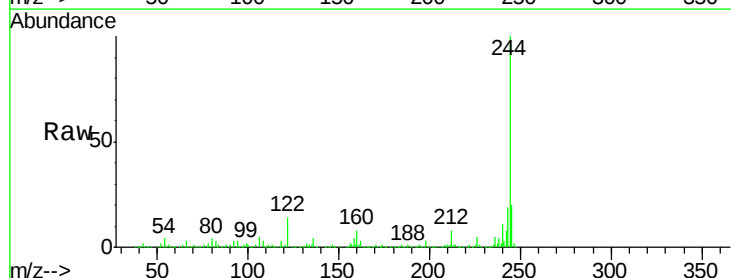
Tgt Ion:244 Resp: 1363787

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

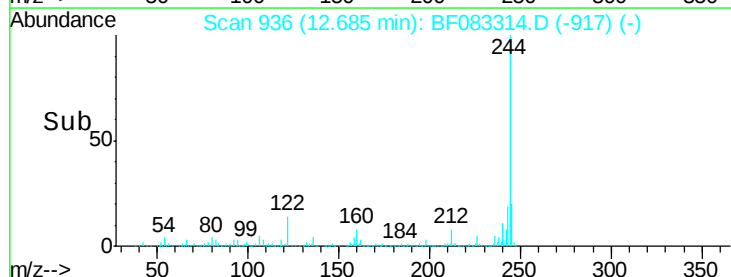
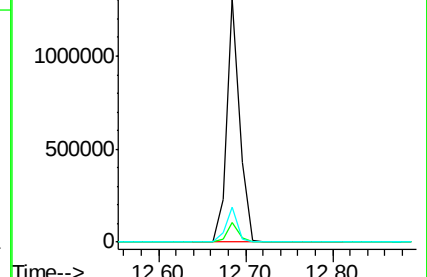
122 14.3 4.3 6.5#

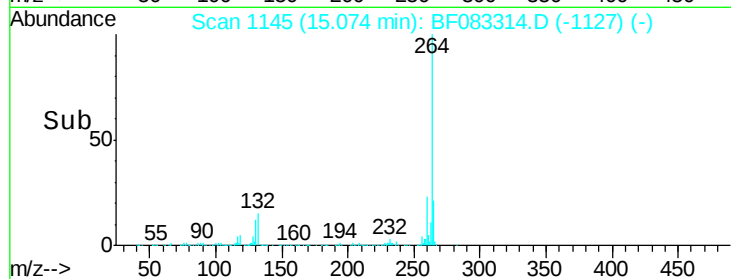
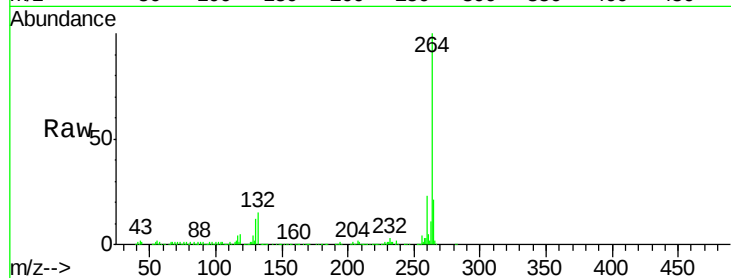
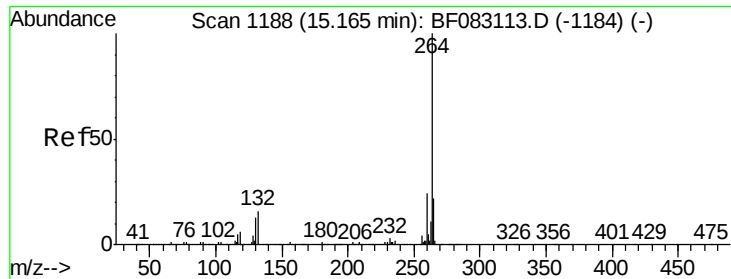


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083314.D
Acq: 26 Nov 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	311999
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.4	18.2	27.4

