

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083271.D
 Acq On : 25 Nov 2015 13:58
 Operator : UM/IZ
 Sample : G4553-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112015-A263-E-D-M

Quant Time: Nov 26 01:09:26 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

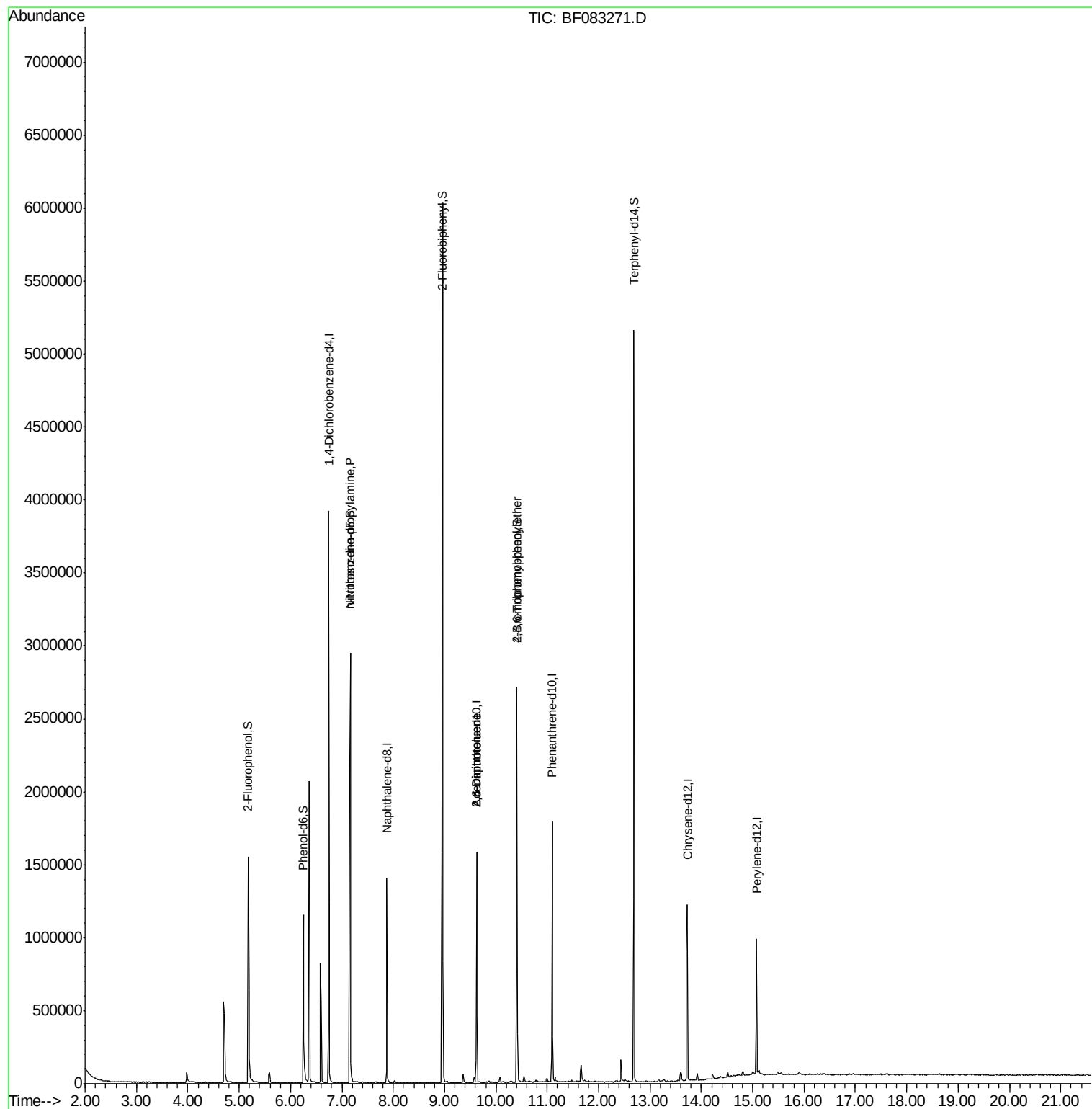
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	614853	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	617081	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	318917	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	615745	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	558299	20.00	ng	-0.08
86) Perylene-d12	15.07	264	414337	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	492403	12.11	ng	-0.10
7) Phenol-d6	6.25	99	427517	8.12	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1321595	97.86	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	281191	86.18	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1890474	82.66	ng	-0.07
78) Terphenyl-d14	12.68	244	1731055	73.01	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.35	77	20153	Below Cal	#	67
19) n-Nitroso-di-n-propylamine	7.16	70	175421	4.79 ng	#	74
50) 2,6-Dinitrotoluene	9.62	165	41411	7.52 ng	#	13
56) 2,4-Dinitrotoluene	9.62	165	41403	5.93 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	20300	2.97 ng	#	1

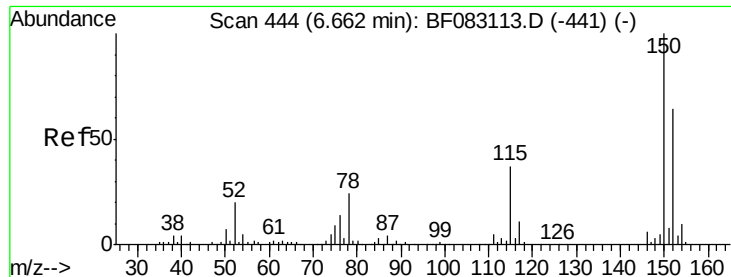
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083271.D
Acq On : 25 Nov 2015 13:58
Operator : UM/IZ
Sample : G4553-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
112015-A263-E-D-M

Quant Time: Nov 26 01:09:26 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: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-D-M

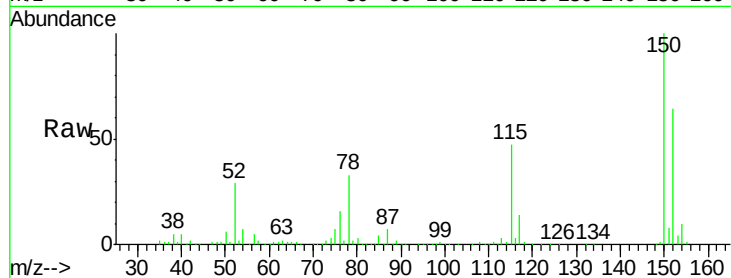
Tgt Ion:152 Resp: 614853

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.8

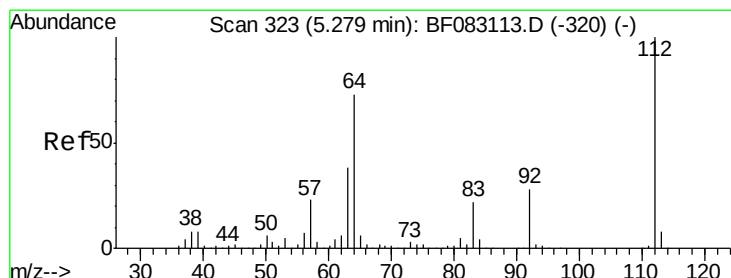
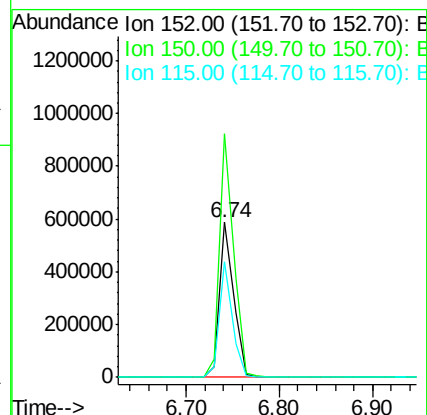
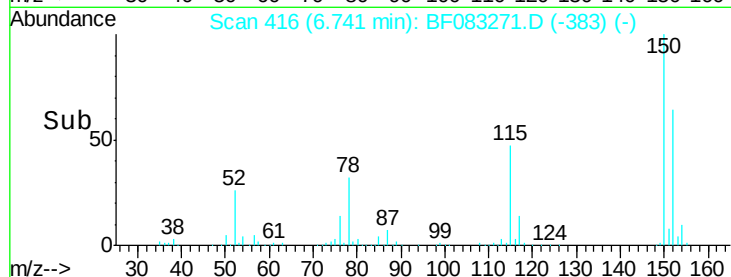
115 74.1 46.9 70.3#



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: 12.11 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

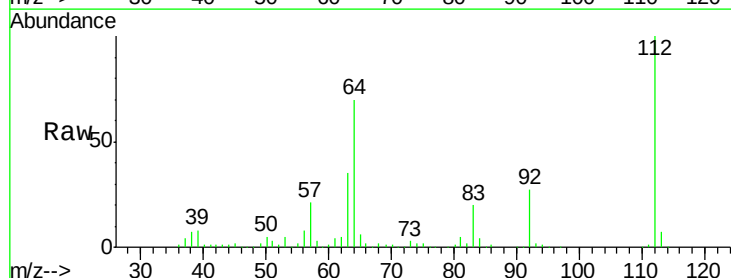
Tgt Ion:112 Resp: 492403

Ion Ratio Lower Upper

112 100

64 70.4 58.4 87.6

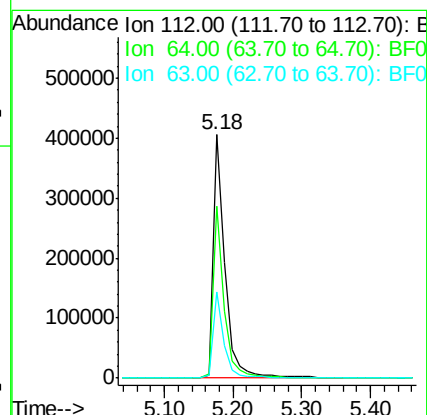
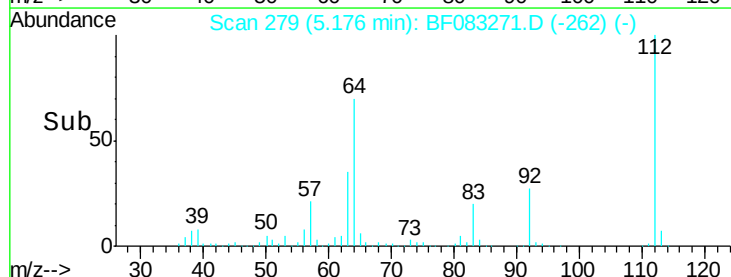
63 35.4 30.0 45.0

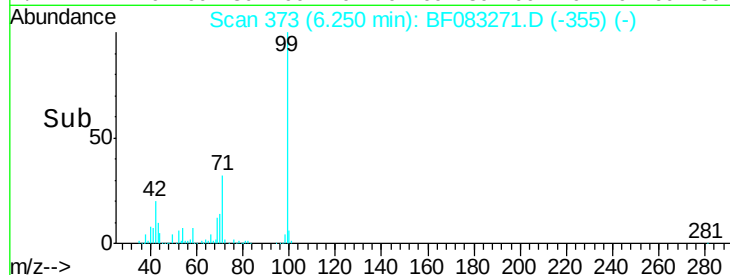
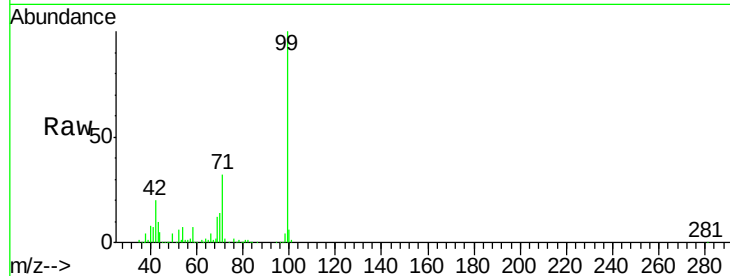
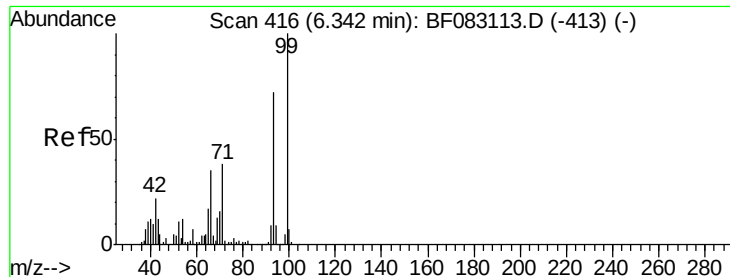


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.12 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-D-M

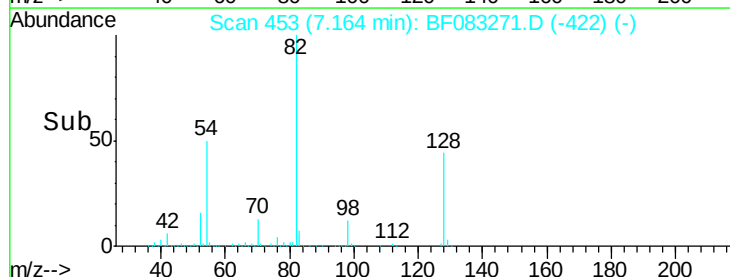
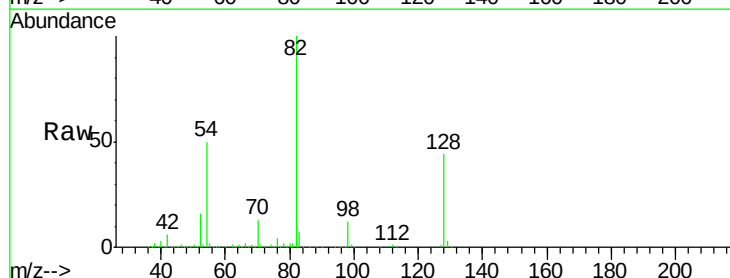
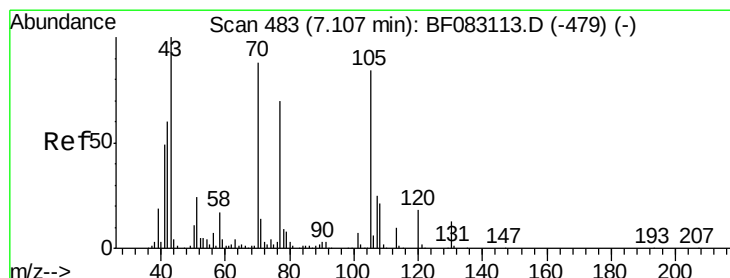
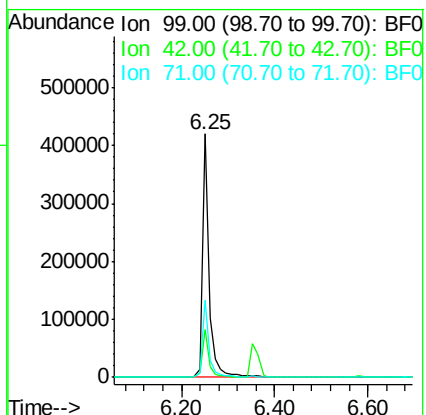
Tgt Ion: 99 Resp: 427517

Ion Ratio Lower Upper

99 100

42 19.6 17.7 26.5

71 31.6 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.79 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

Tgt Ion: 70 Resp: 175421

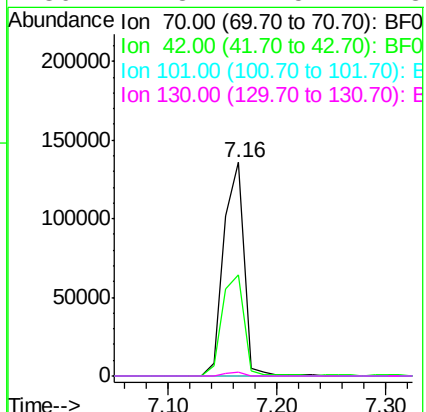
Ion Ratio Lower Upper

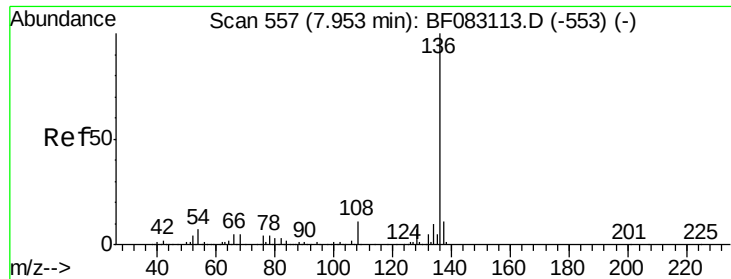
70 100

42 47.1 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

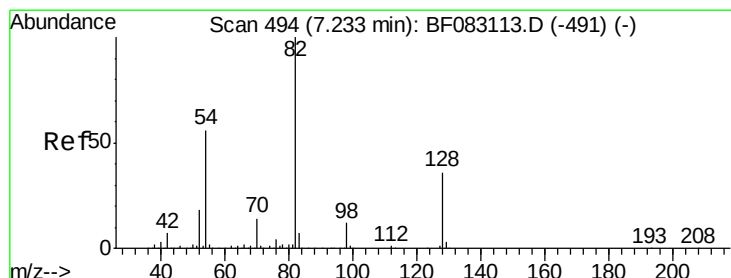
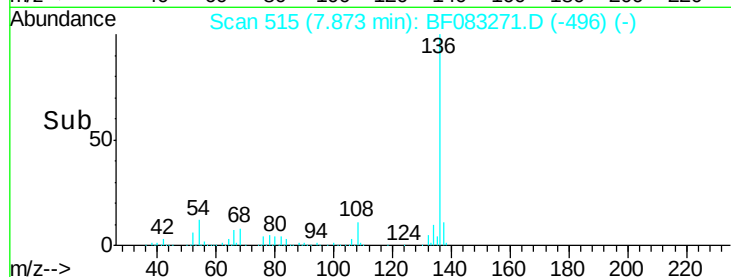
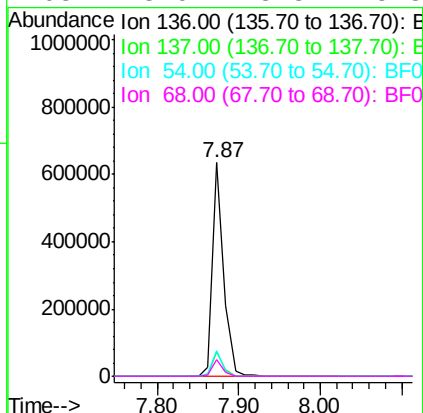
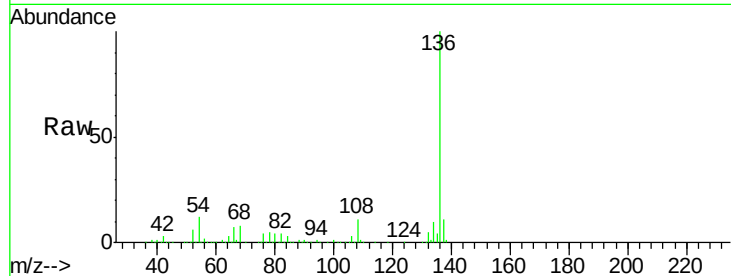




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

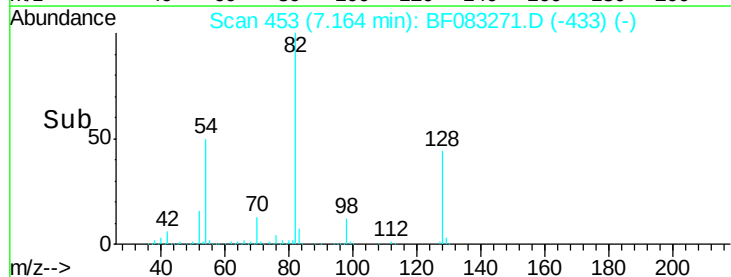
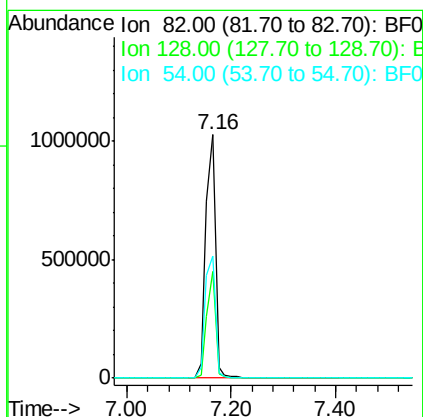
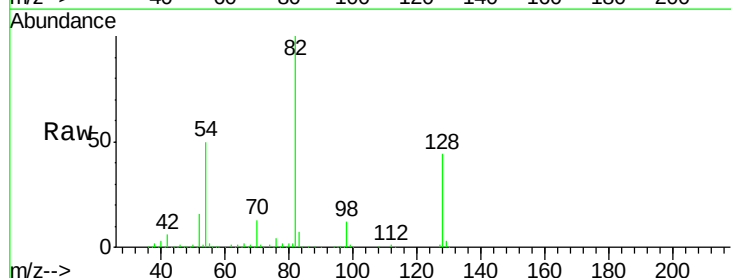
Instrument :
BNA_F
ClientSampleId :
112015-A263-E-D-M

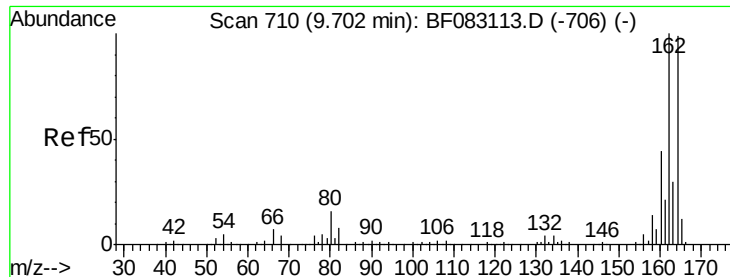
Tgt Ion:	136	Resp:	617081
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.0	5.8	8.6#
68	8.0	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 97.86 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

Tgt Ion:	82	Resp:	1321595
Ion	Ratio	Lower	Upper
82	100		
128	44.0	28.5	42.7#
54	50.0	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: BF083271.D

Acq: 25 Nov 2015 13:58

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-D-M

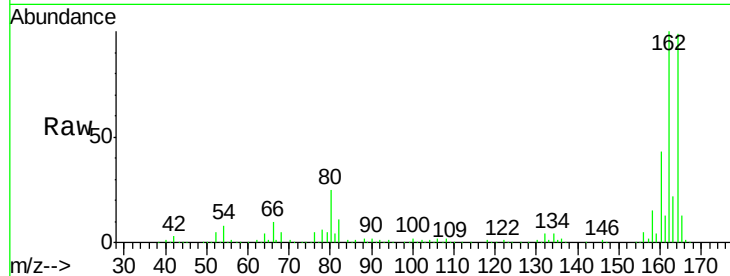
Tgt Ion:164 Resp: 318917

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

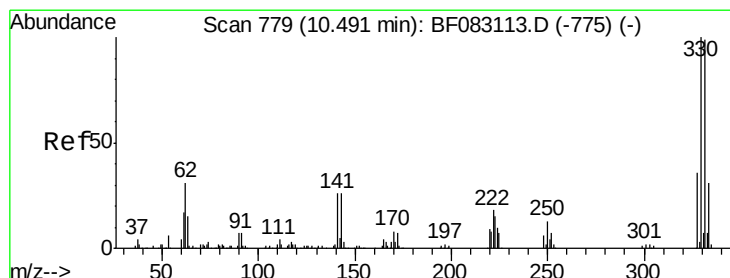
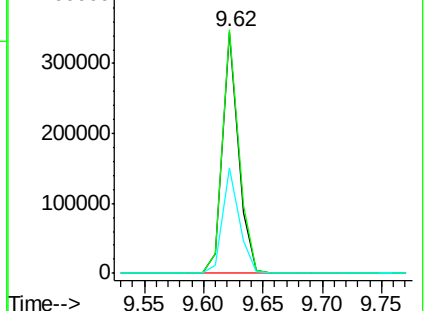
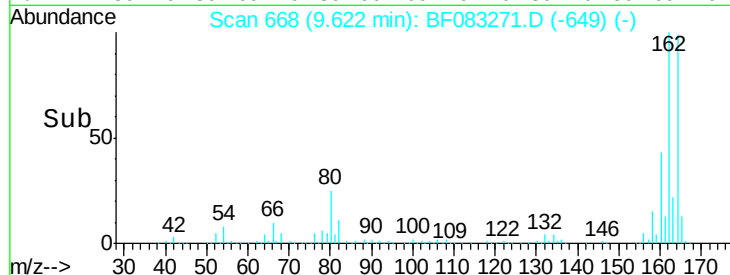
160 43.8 35.6 53.4



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: 86.18 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

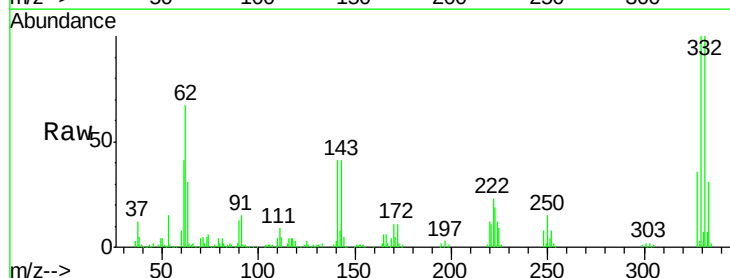
Tgt Ion:330 Resp: 281191

Ion Ratio Lower Upper

330 100

332 100.2 77.7 116.5

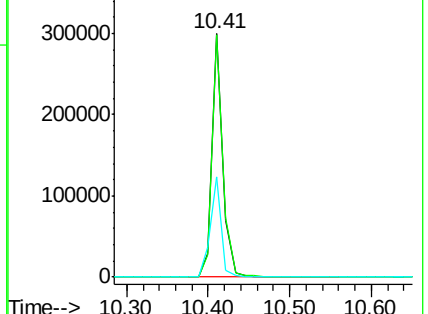
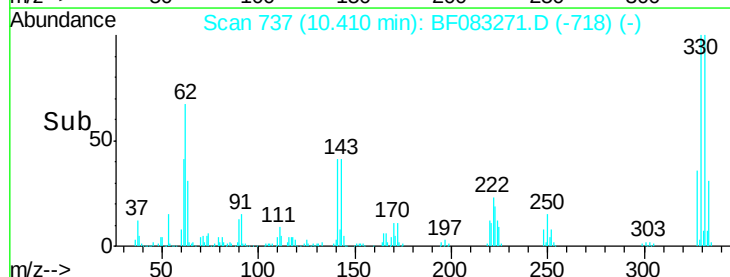
141 42.1 29.7 44.5

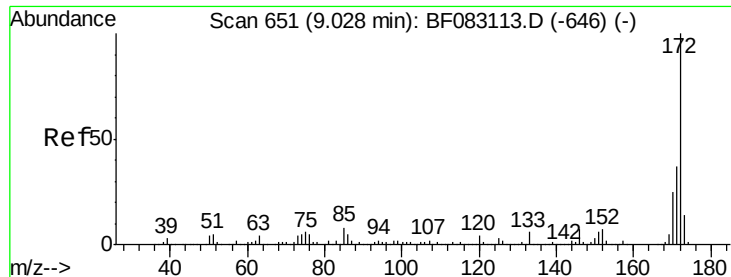


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

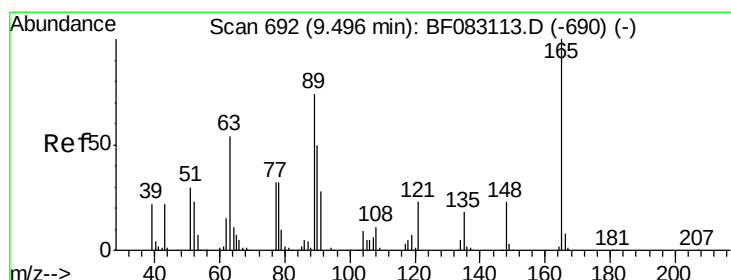
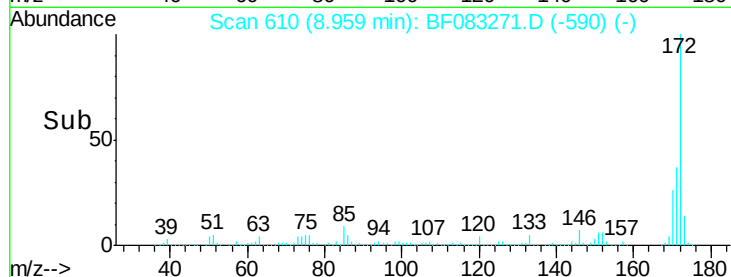
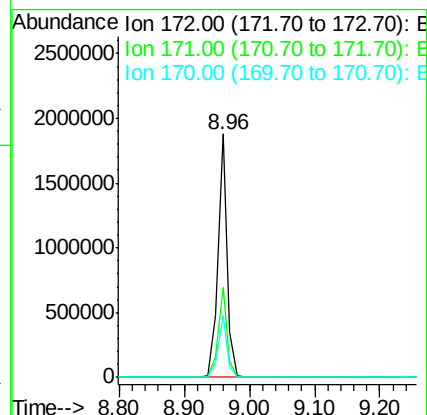
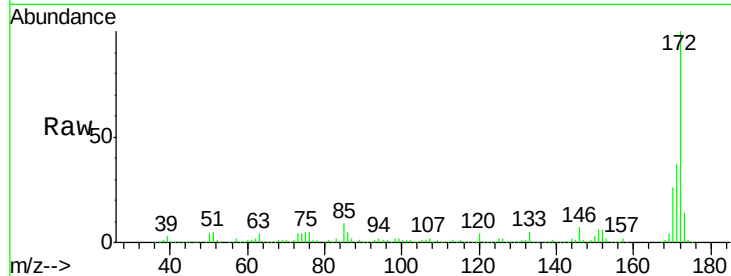




#44
 2-Fluorobiphenyl
 Concen: 82.66 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083271.D
 Acq: 25 Nov 2015 13:58

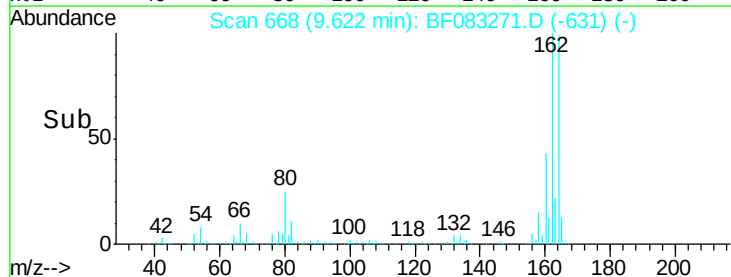
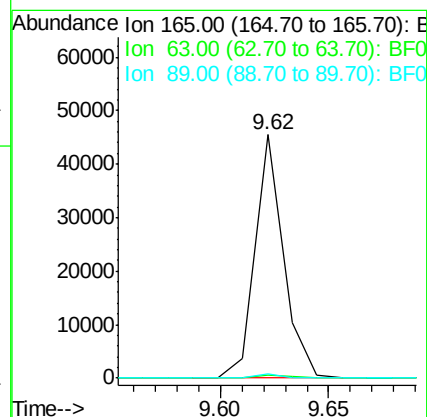
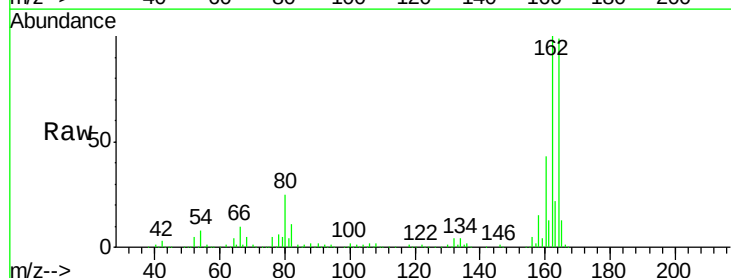
Instrument :
 BNA_F
 ClientSampleId :
 112015-A263-E-D-M

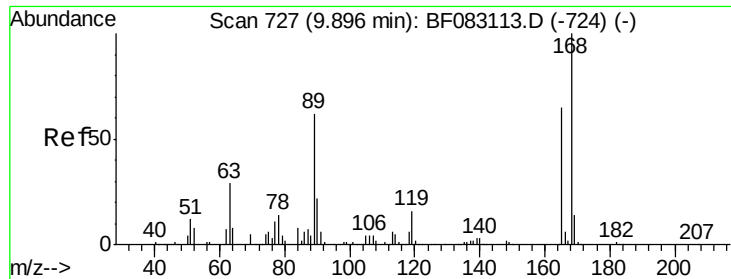
Tgt Ion:172 Resp: 1890474
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.5 44.3
 170 25.5 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083271.D
 Acq: 25 Nov 2015 13:58

Tgt Ion:165 Resp: 41411
 Ion Ratio Lower Upper
 165 100
 63 1.4 62.5 93.7#
 89 1.6 59.1 88.7#

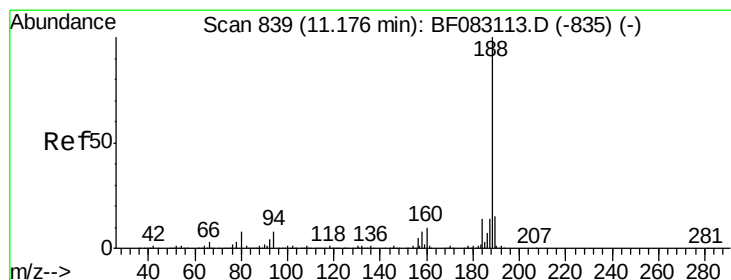
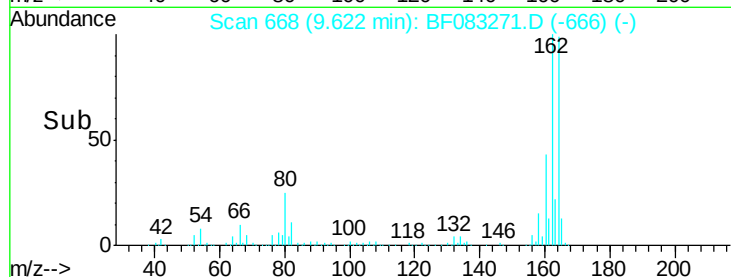
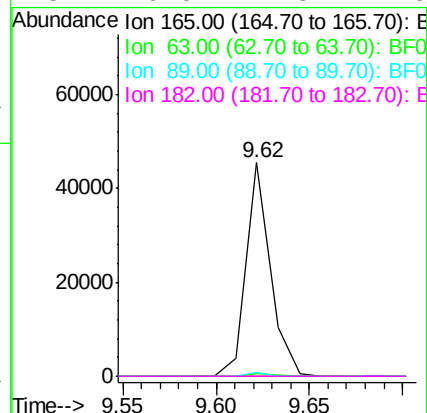
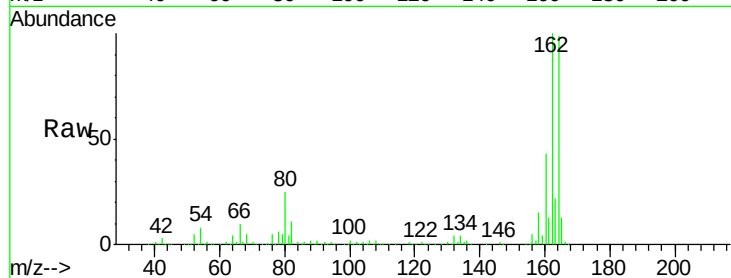




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

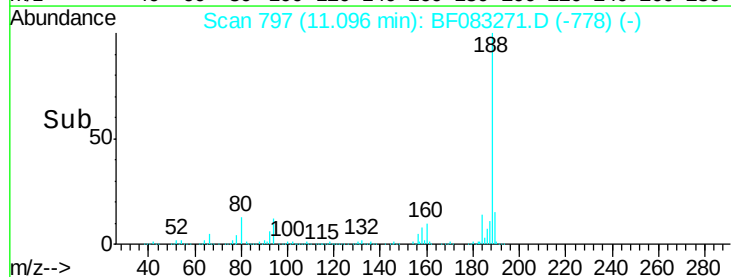
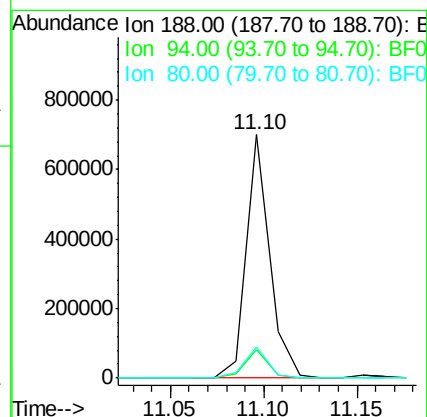
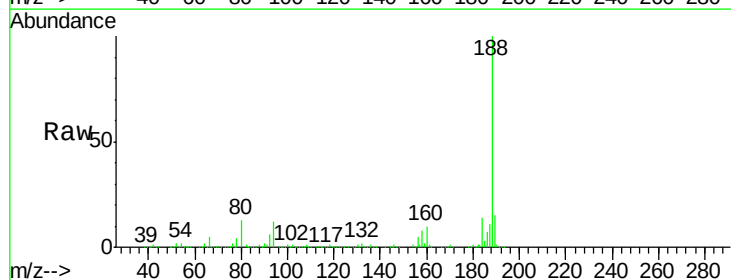
Instrument :
BNA_F
ClientSampleId :
112015-A263-E-D-M

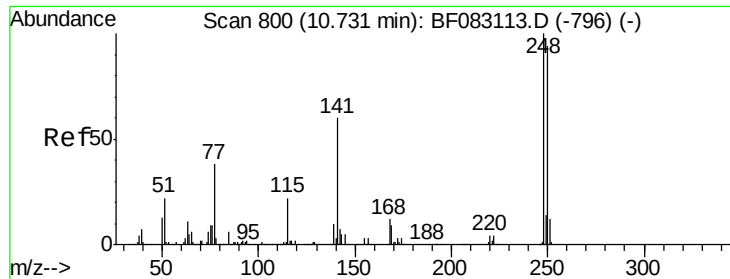
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.0	9.0#
80	13.0	6.7	10.1#

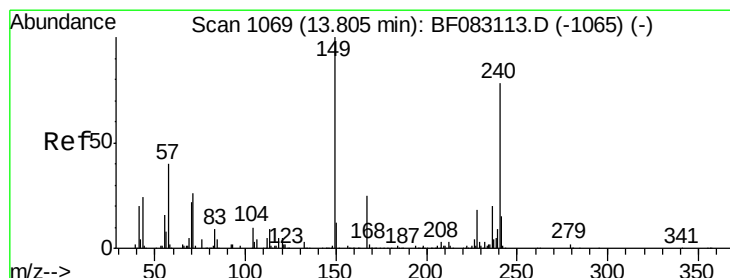
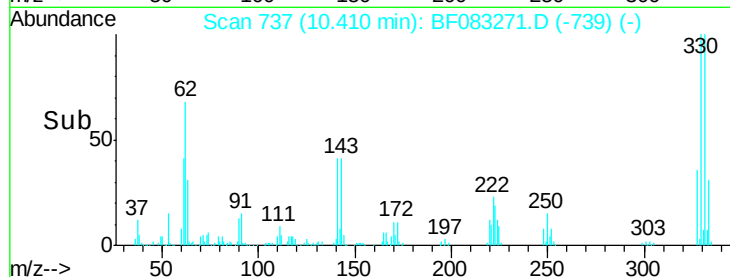
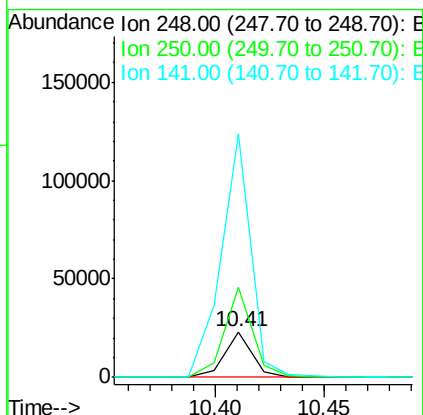
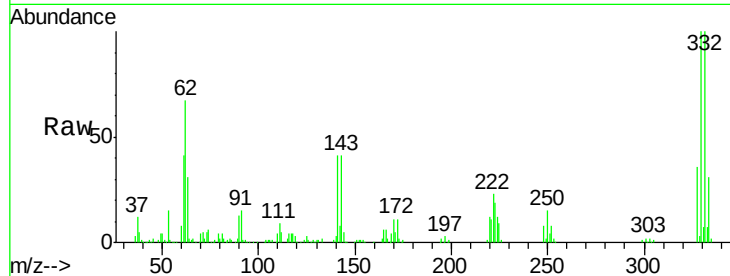




#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

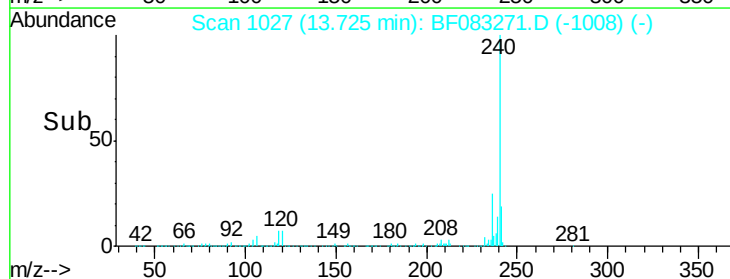
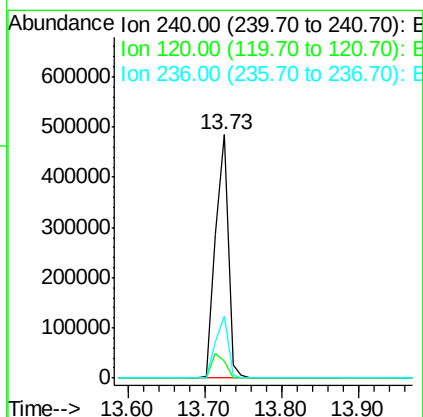
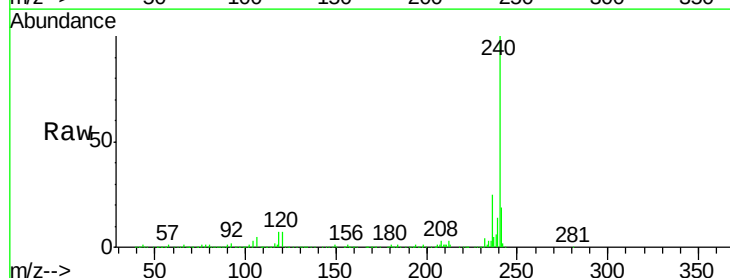
Instrument :
BNA_F
ClientSampleId :
112015-A263-E-D-M

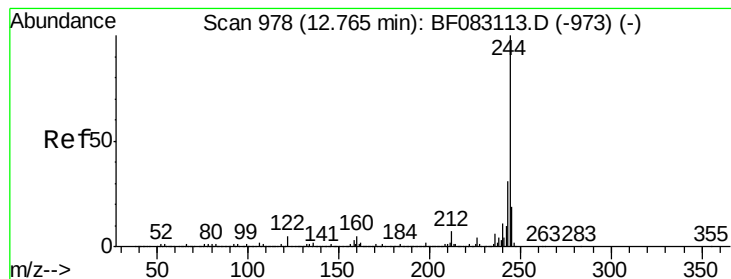
Tgt Ion:248 Resp: 20300
Ion Ratio Lower Upper
248 100
250 197.8 75.4 113.2#
141 536.6 48.1 72.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083271.D
Acq: 25 Nov 2015 13:58

Tgt Ion:240 Resp: 558299
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.2
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 73.01 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-D-M

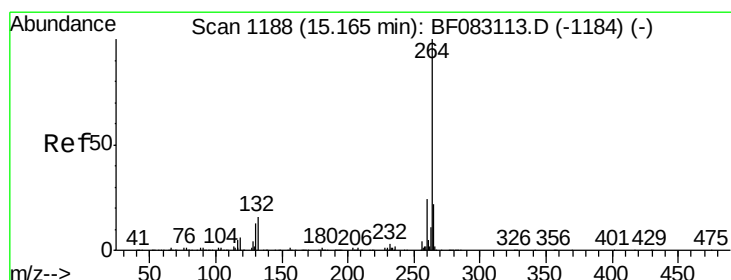
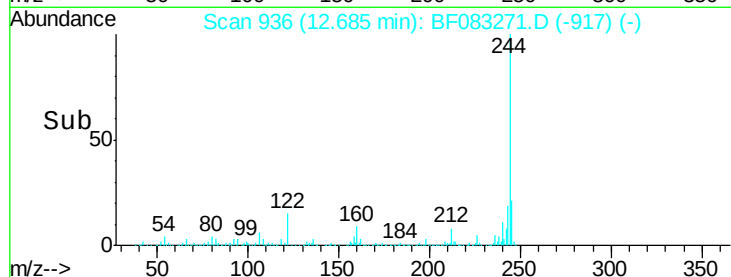
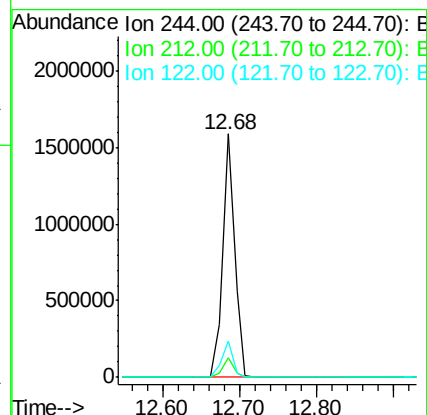
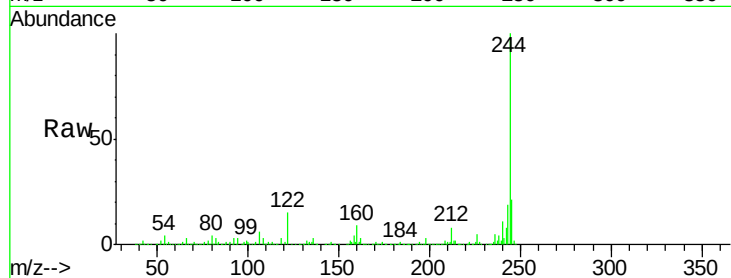
Tgt Ion:244 Resp: 1731055

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 14.9 4.3 6.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083271.D

Acq: 25 Nov 2015 13:58

Tgt Ion:264 Resp: 414337

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.4 18.2 27.4

