

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083278.D
 Acq On : 25 Nov 2015 17:24
 Operator : UM/IZ
 Sample : G4559-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Quant Time: Nov 26 01:12:12 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

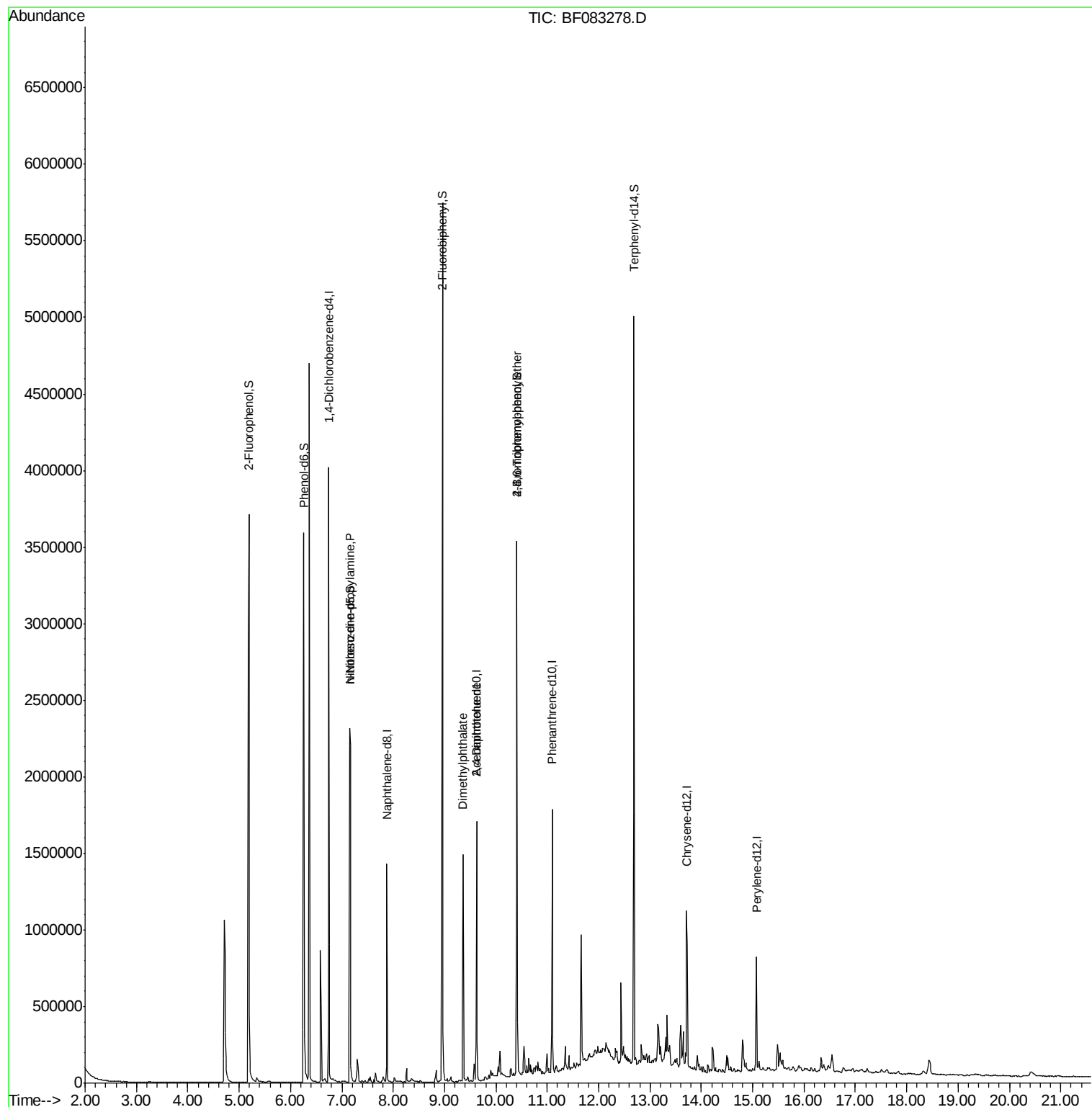
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	577457	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	610999	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	309759	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	593118	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	482391	20.00	ng	-0.09
86) Perylene-d12	15.07	264	397824	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1397126	36.58	ng	-0.09
7) Phenol-d6	6.26	99	1862426	37.69	ng	-0.08
23) Nitrobenzene-d5	7.15	82	1181815	88.38	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	365136	115.22	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1796004	80.85	ng	-0.07
78) Terphenyl-d14	12.69	244	1552669	75.80	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.26	77	3373	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.15	70	154283	4.49 ng	#	80
49) Dimethylphthalate	9.36	163	569909	23.90 ng		99
56) 2,4-Dinitrotoluene	9.62	165	40934	6.04 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	27063	4.11 ng	#	1

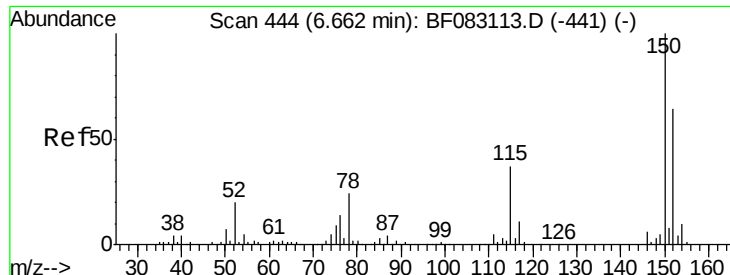
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083278.D
Acq On : 25 Nov 2015 17:24
Operator : UM/IZ
Sample : G4559-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF002-01

Quant Time: Nov 26 01:12:12 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



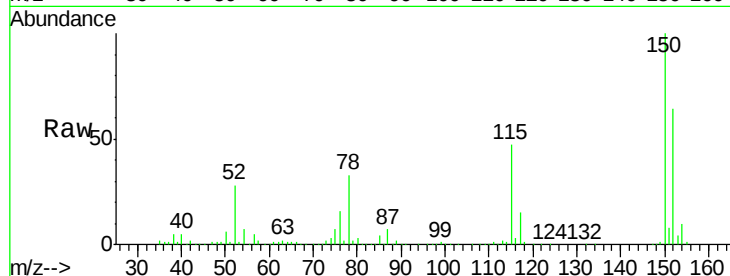


#1

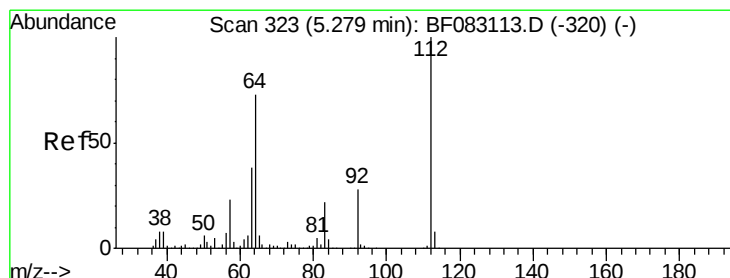
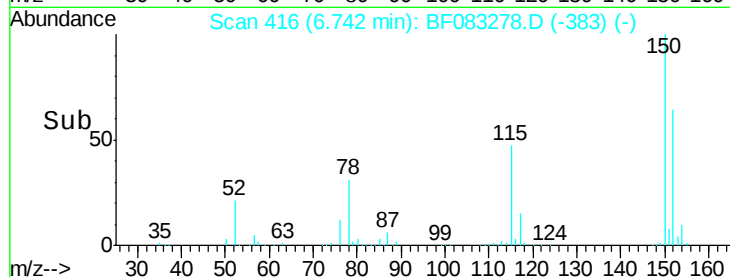
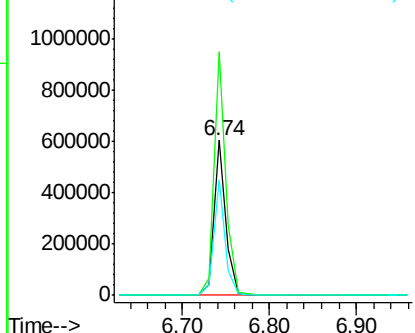
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.08 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:152 Resp: 577457
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.8 188.8
 115 74.3 46.9 70.3#



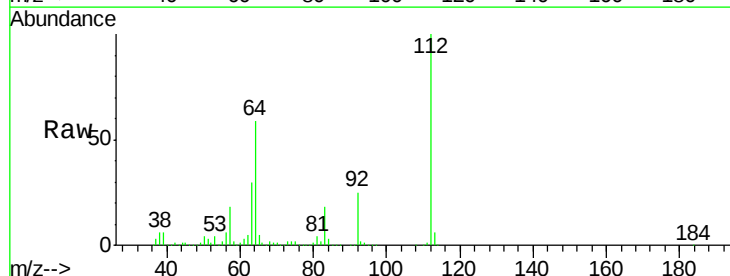
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



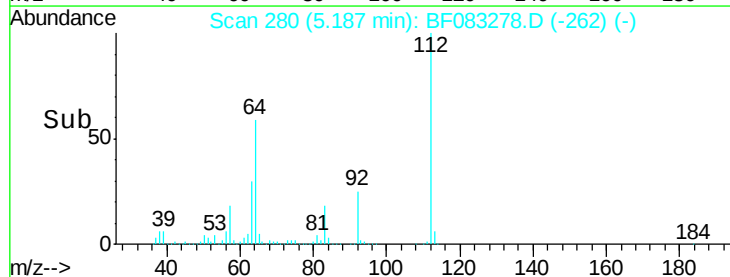
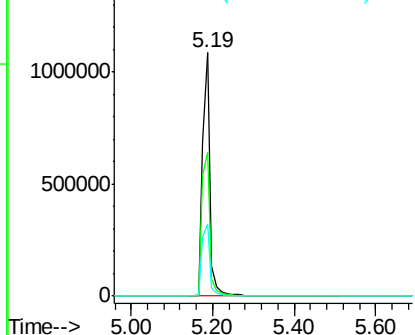
#5

2-Fluorophenol
 Concen: 36.58 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Tgt Ion:112 Resp: 1397126
 Ion Ratio Lower Upper
 112 100
 64 59.2 58.4 87.6
 63 29.8 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: 37.69 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083278.D

Acq: 25 Nov 2015 17:24

Instrument :

BNA_F

ClientSampleId :

P001-BF002-01

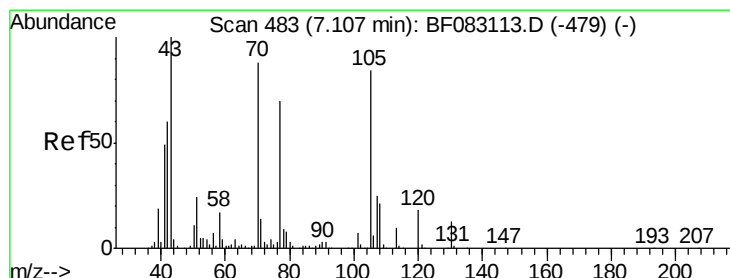
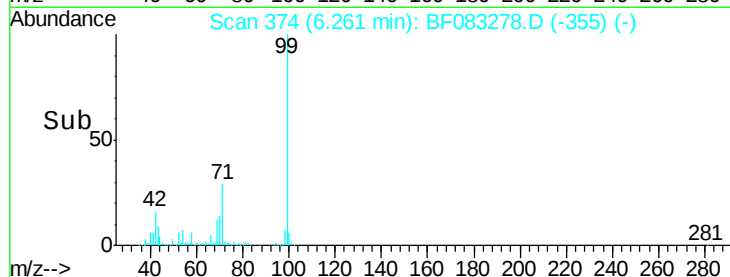
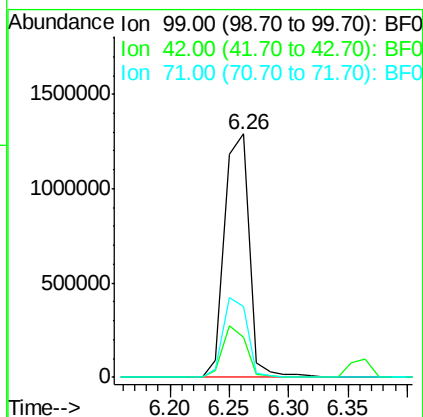
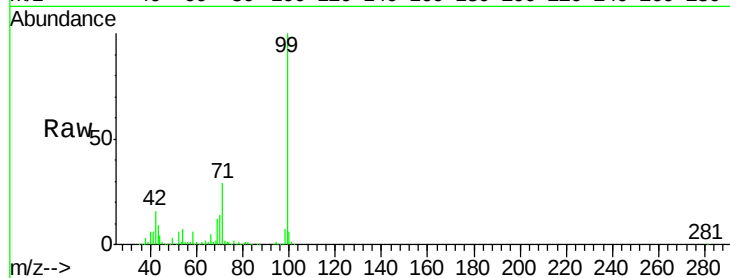
Tgt Ion: 99 Resp: 1862426

Ion Ratio Lower Upper

99 100

42 16.3 17.7 26.5#

71 29.3 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 4.49 ng

RT: 7.15 min Scan# 452

Delta R.T. 0.05 min

Lab File: BF083278.D

Acq: 25 Nov 2015 17:24

Tgt Ion: 70 Resp: 154283

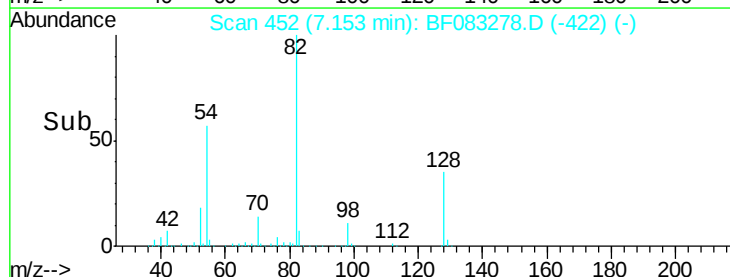
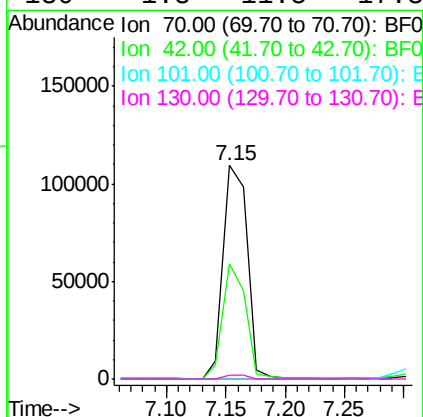
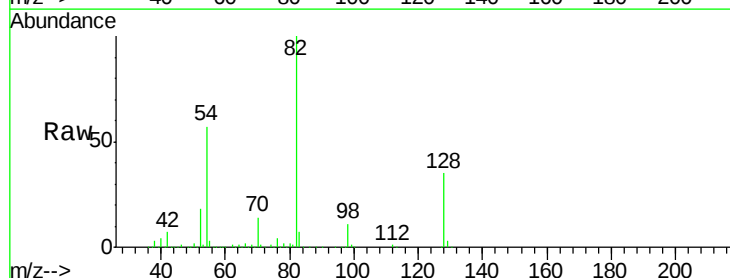
Ion Ratio Lower Upper

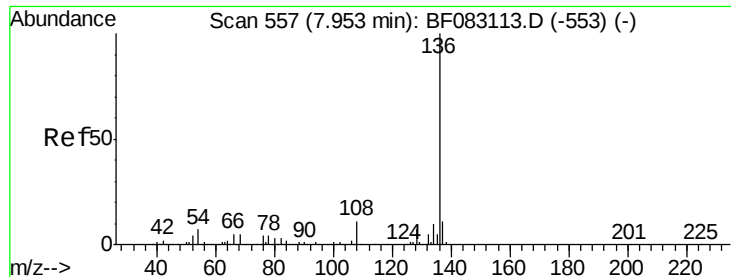
70 100

42 54.1 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

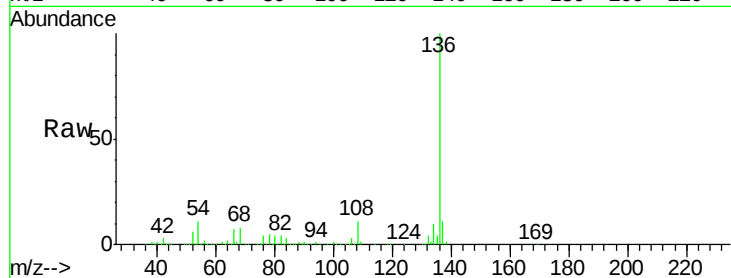




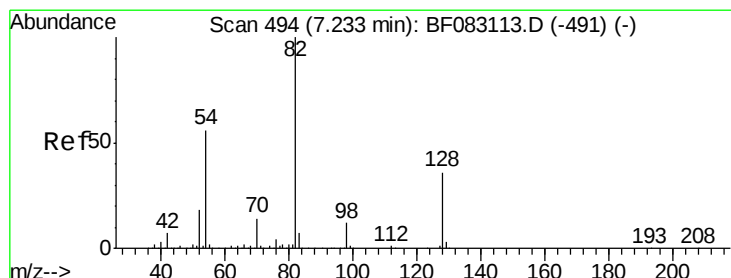
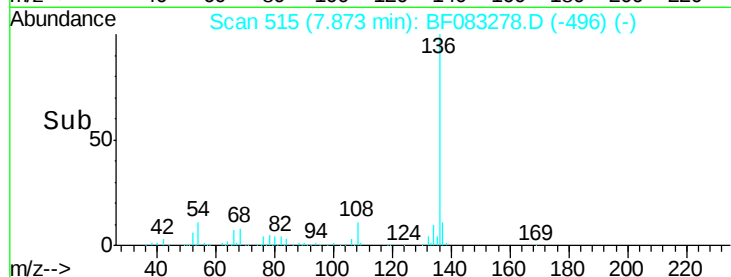
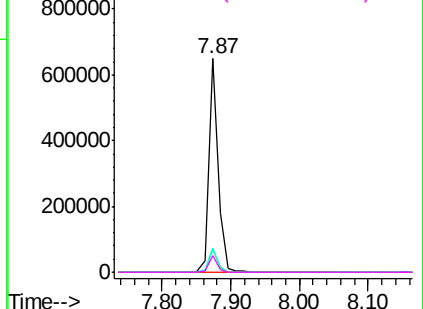
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083278.D
Acq: 25 Nov 2015 17:24

Instrument :
BNA_F
ClientSampleId :
P001-BF002-01

Tgt Ion:	136	Resp:	610999
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.4	5.8	8.6#
68	8.0	3.8	5.8#

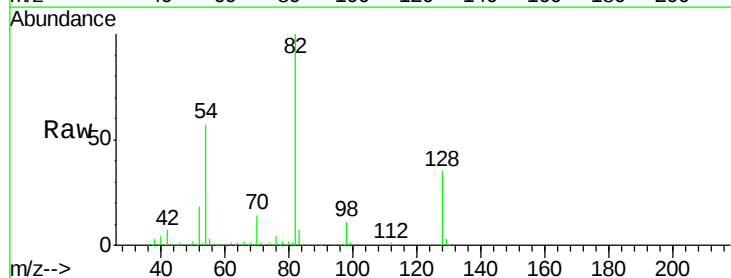


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

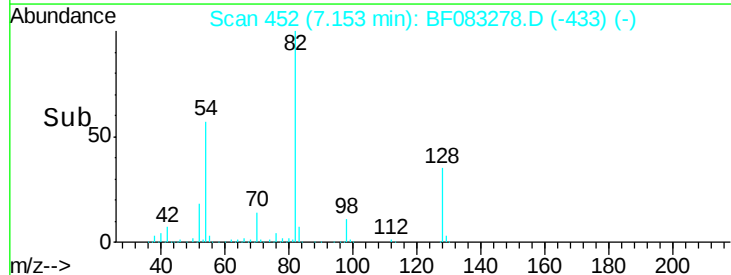
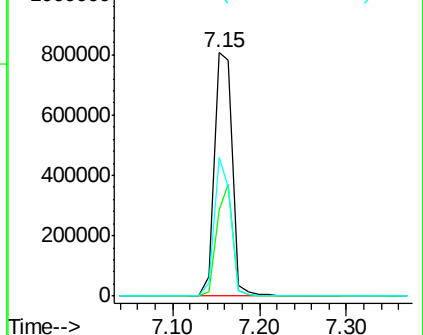


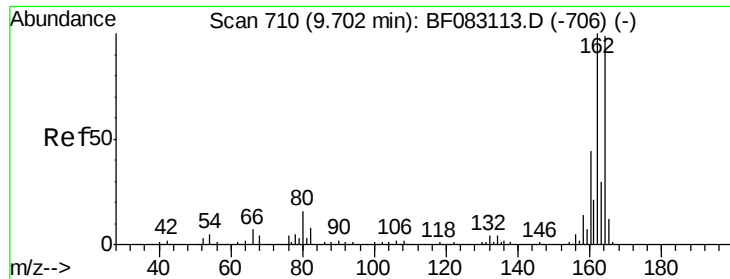
#23
Nitrobenzene-d5
Concen: 88.38 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.08 min
Lab File: BF083278.D
Acq: 25 Nov 2015 17:24

Tgt Ion:	82	Resp:	1181815
Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.5	42.7
54	56.9	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

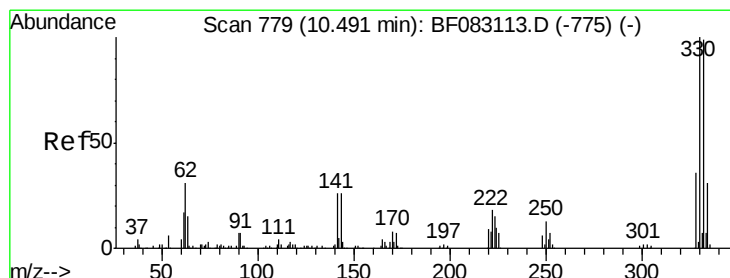
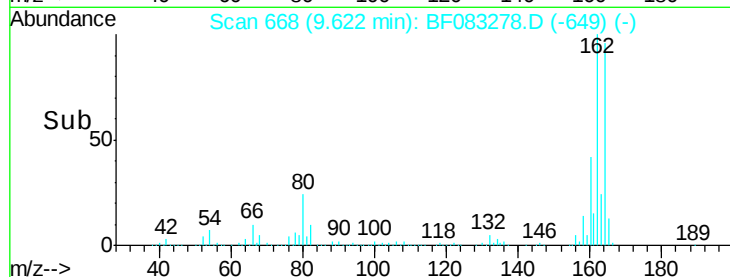
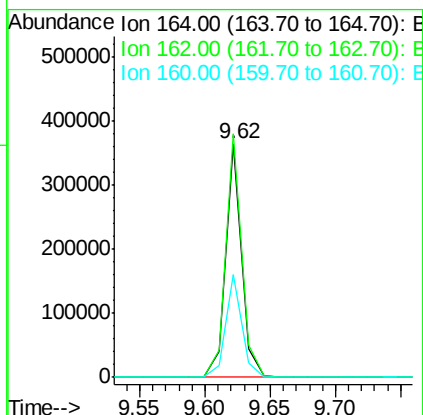
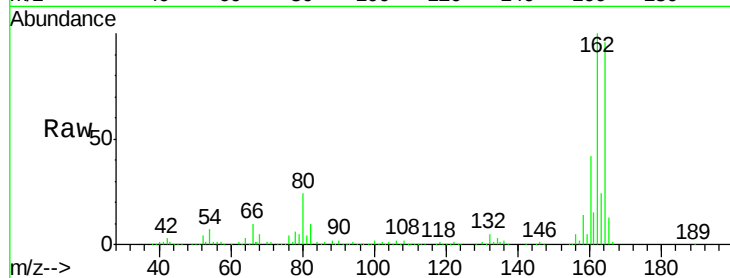




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

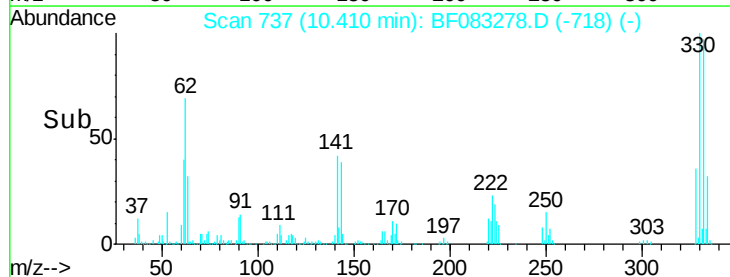
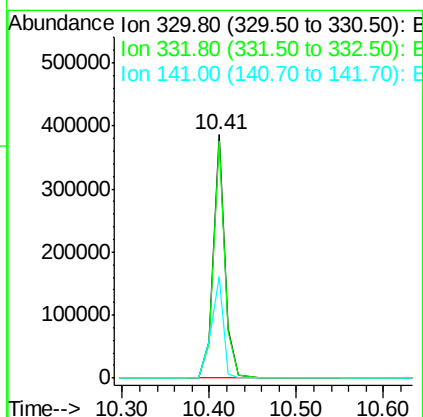
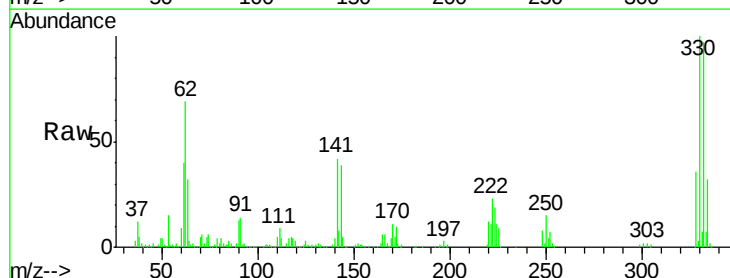
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

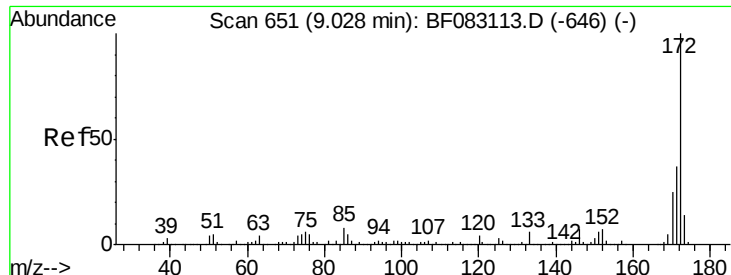
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.2	121.8
160	43.9	35.6	53.4



#41
 2,4,6-Tribromophenol
 Concen: 115.22 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	43.2	29.7	44.5

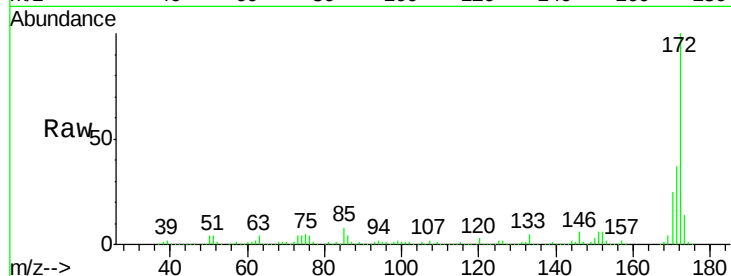




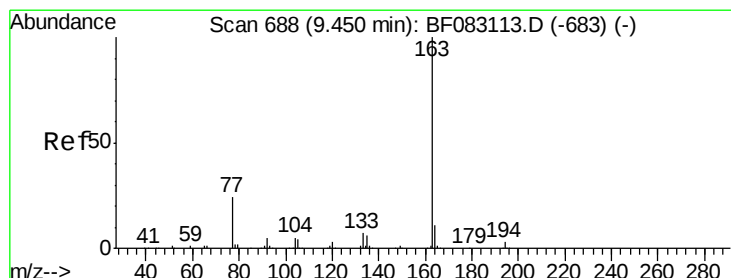
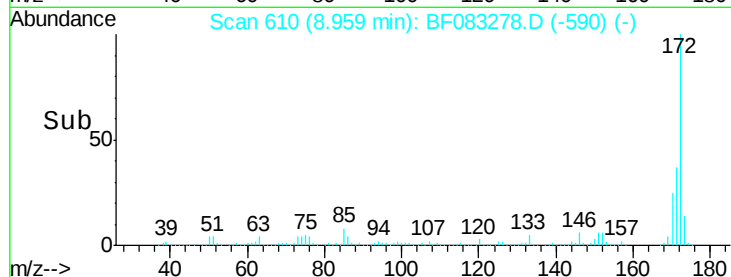
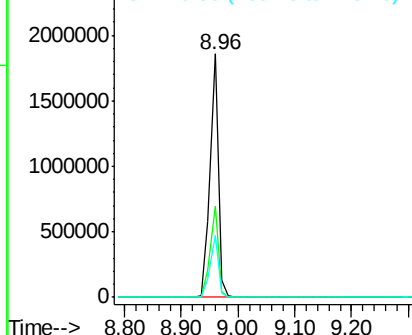
#44
 2-Fluorobiphenyl
 Concen: 80.85 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:172 Resp: 1796004
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.3 19.9 29.9

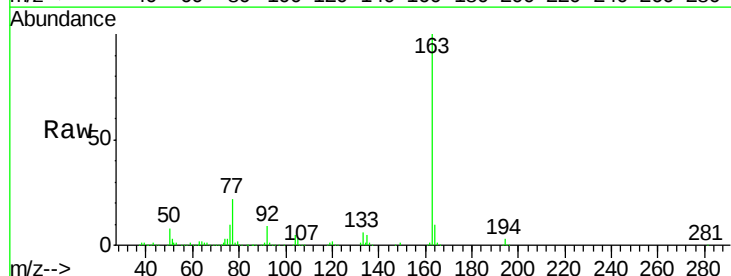


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

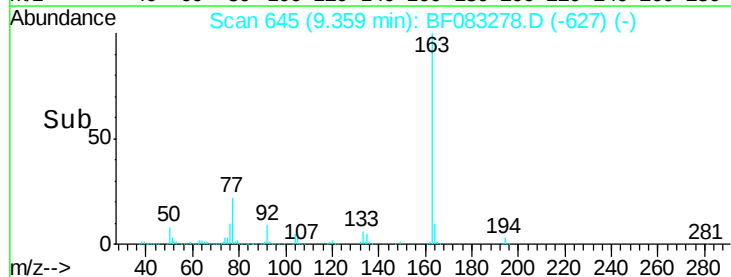
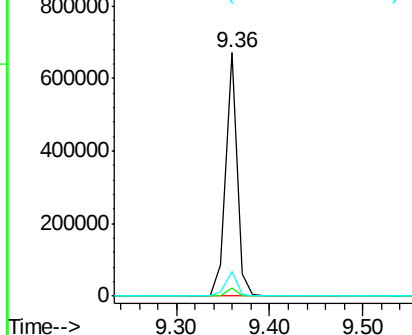


#49
 Dimethylphthalate
 Concen: 23.90 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Tgt Ion:163 Resp: 569909
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

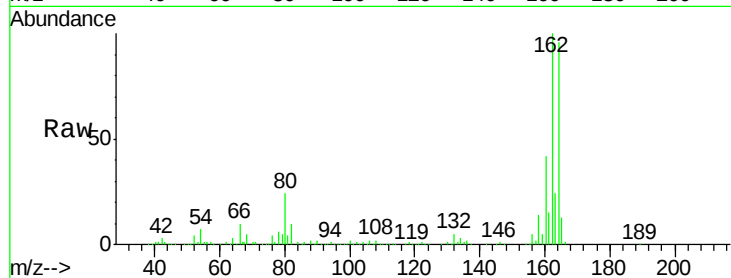




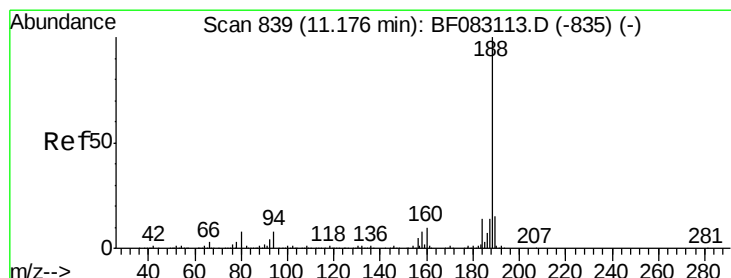
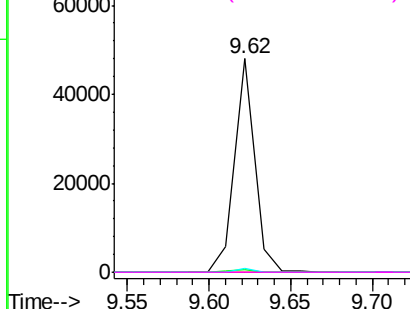
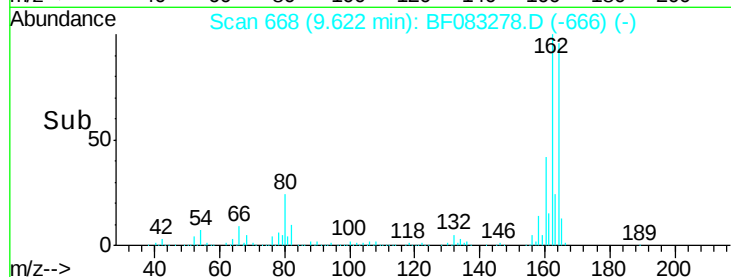
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083278.D
Acq: 25 Nov 2015 17:24

Instrument :
BNA_F
ClientSampleId :
P001-BF002-01

Tgt Ion:165 Resp: 40934
Ion Ratio Lower Upper
165 100
63 1.1 54.5 81.7#
89 1.6 77.3 115.9#
182 0.0 1.8 2.6#

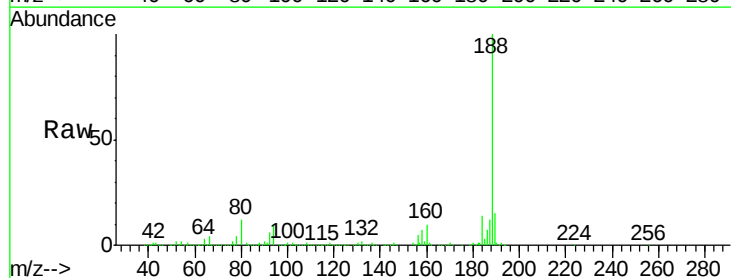


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

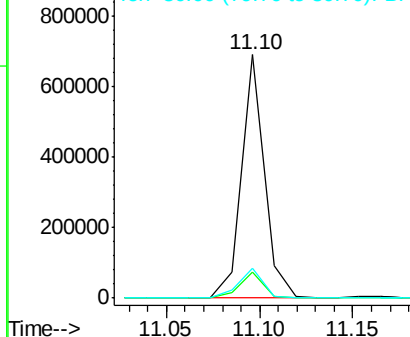
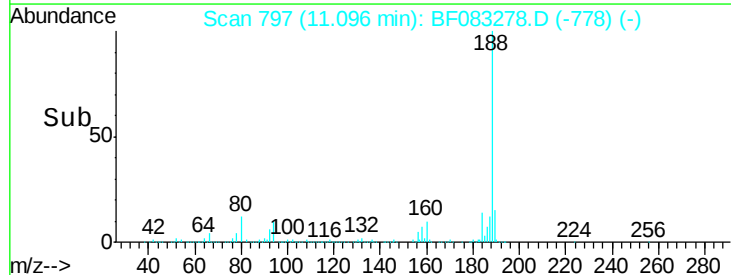


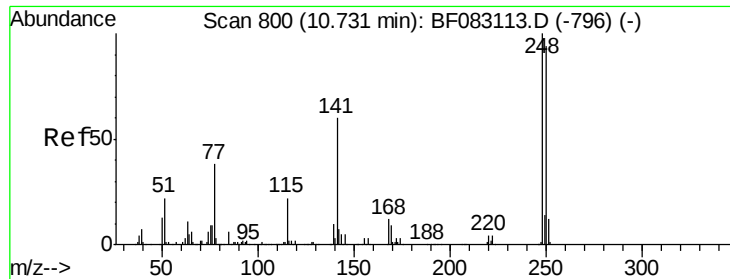
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083278.D
Acq: 25 Nov 2015 17:24

Tgt Ion:188 Resp: 593118
Ion Ratio Lower Upper
188 100
94 10.5 6.0 9.0#
80 12.4 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

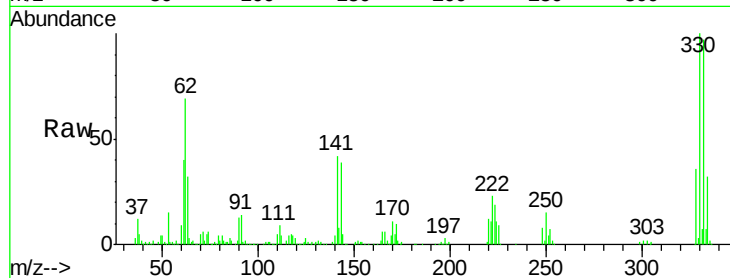




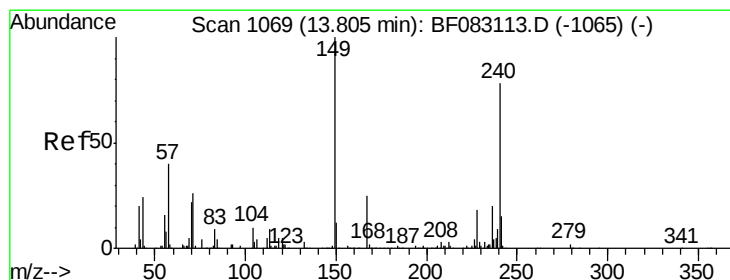
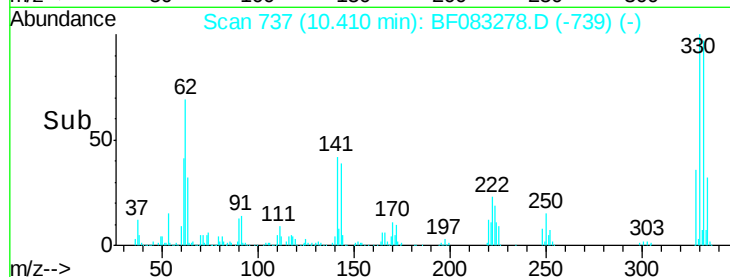
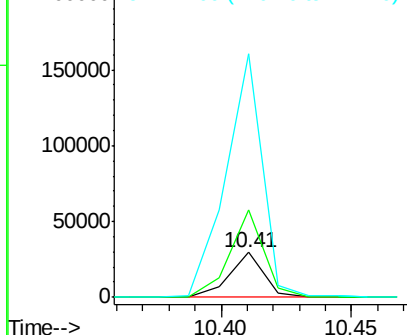
#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:248 Resp: 27063
 Ion Ratio Lower Upper
 248 100
 250 193.1 75.4 113.2#
 141 540.1 48.1 72.1#

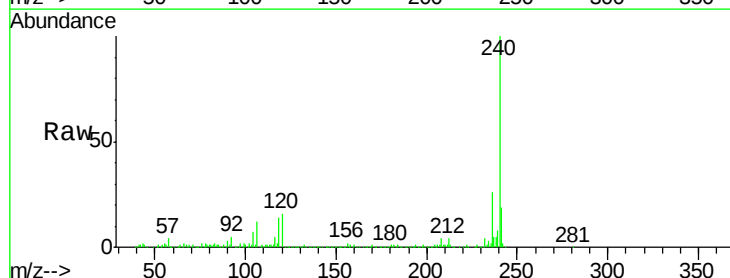


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

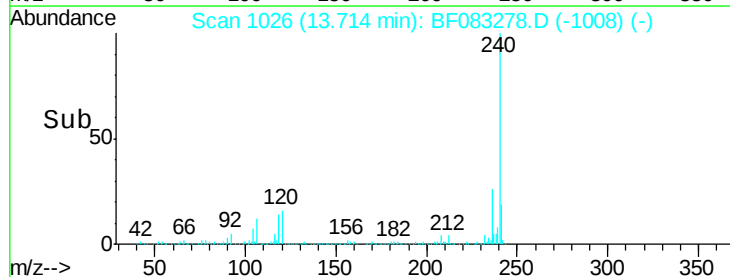
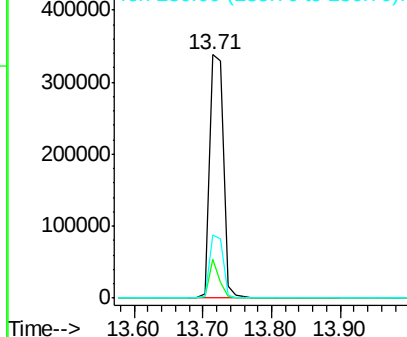


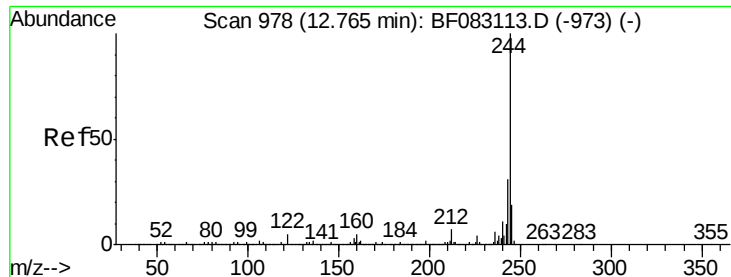
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.09 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Tgt Ion:240 Resp: 482391
 Ion Ratio Lower Upper
 240 100
 120 15.9 5.4 8.2#
 236 26.0 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

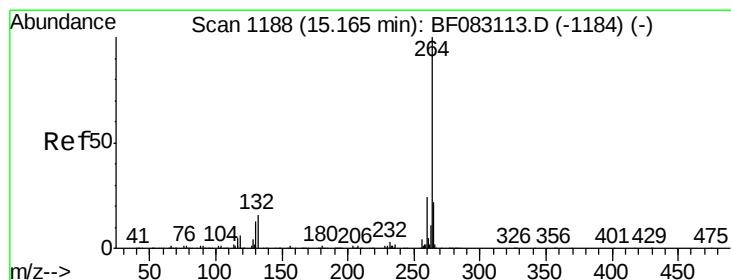
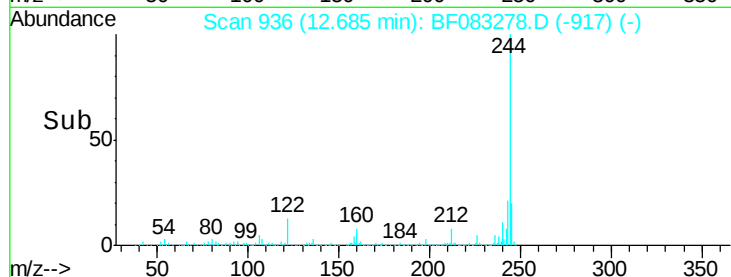
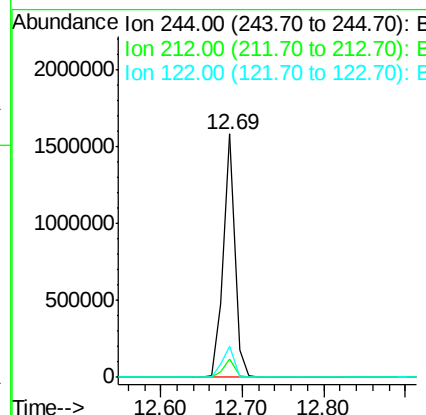
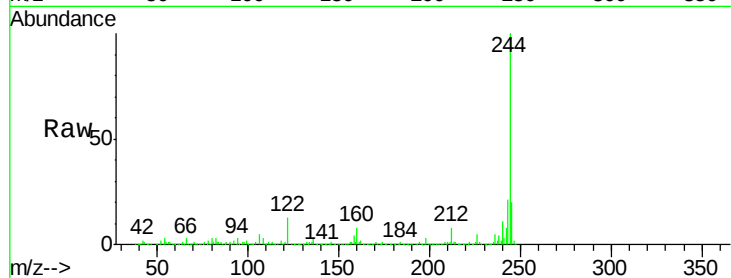




#78
 Terphenyl-d14
 Concen: 75.80 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083278.D
 Acq: 25 Nov 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:244 Resp: 1552669
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 12.8 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: BF083278.D
 Acq: 25 Nov 2015 17:24

Tgt Ion:264 Resp: 397824
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.3 18.2 27.4

