

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083277.D
 Acq On : 25 Nov 2015 16:55
 Operator : UM/IZ
 Sample : G4559-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Quant Time: Nov 26 01:11:50 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

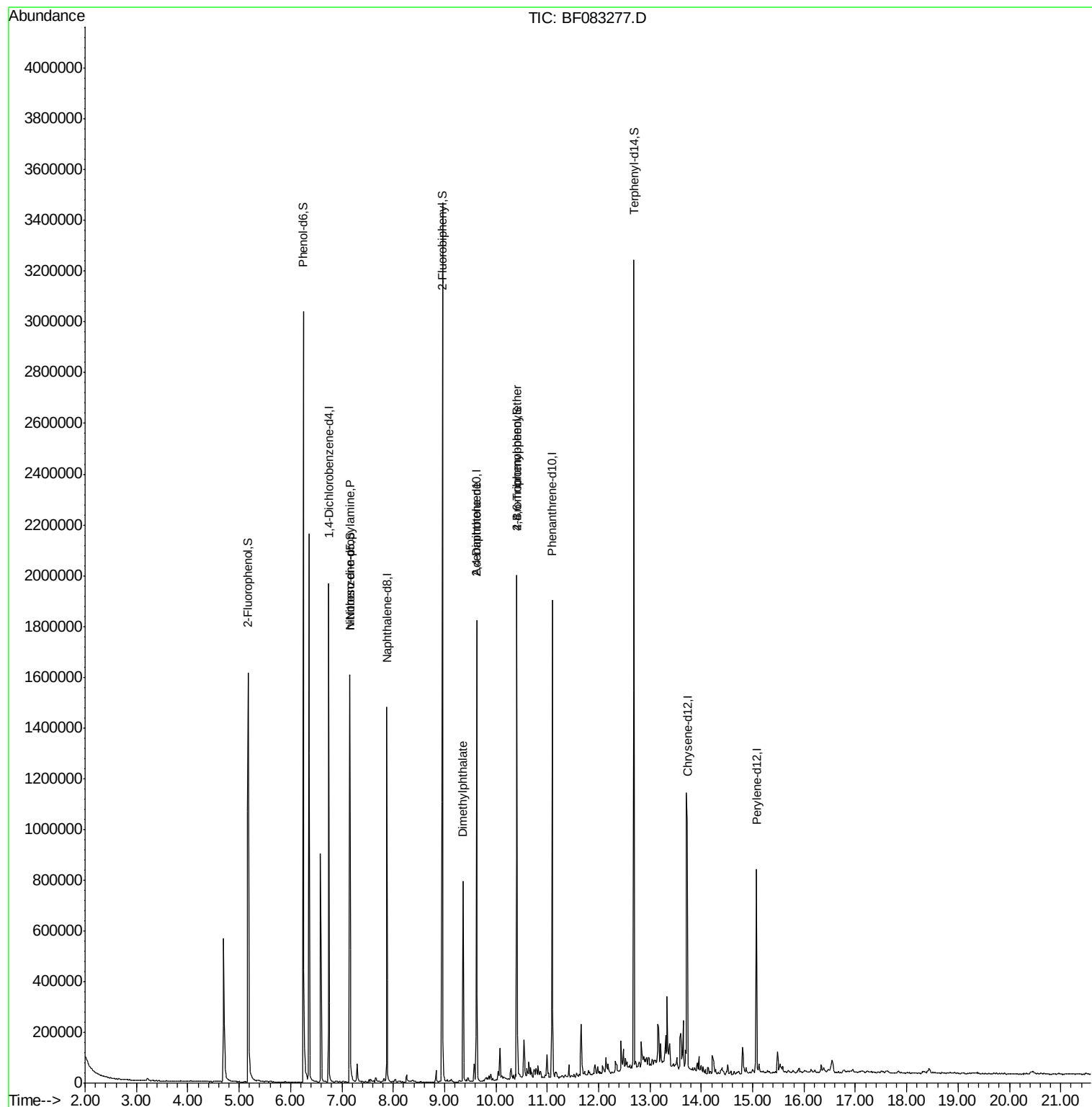
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	279762	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	641477	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	339660	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	638091	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	553371	20.00	ng	-0.08
86) Perylene-d12	15.07	264	427054	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	633006	34.21	ng	-0.10
7) Phenol-d6	6.25	99	999507	41.75	ng	-0.09
23) Nitrobenzene-d5	7.15	82	557963	39.75	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	241464	69.49	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1088602	44.69	ng	-0.07
78) Terphenyl-d14	12.68	244	1104605	47.01	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.25	77	1664	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.15	70	74226	4.45 ng	#	82
49) Dimethylphthalate	9.36	163	300787	11.50 ng		99
56) 2,4-Dinitrotoluene	9.62	165	43827	5.90 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	17138	2.42 ng	#	1

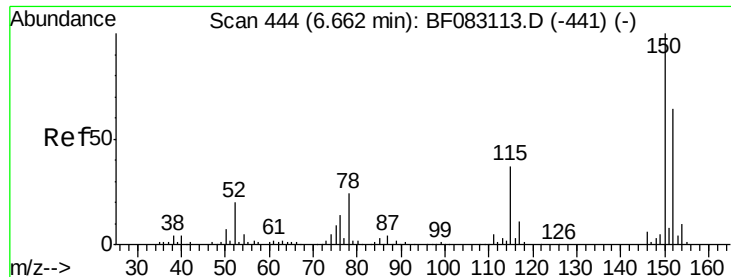
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 01:11:50 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

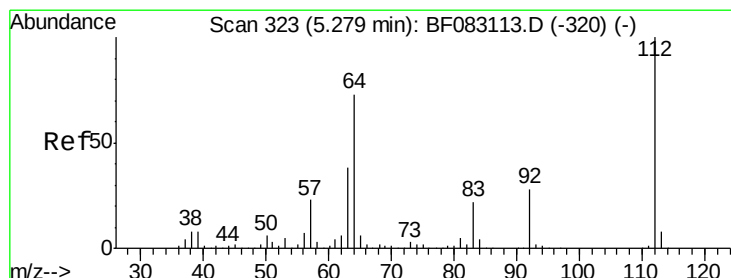
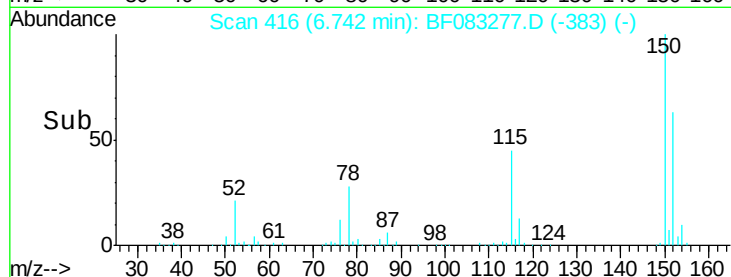
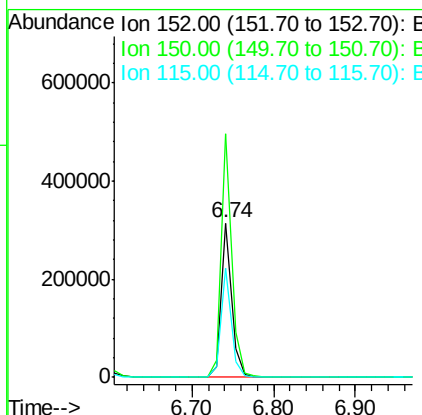
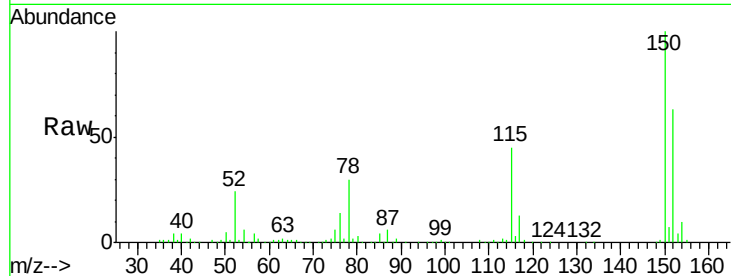




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.08 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

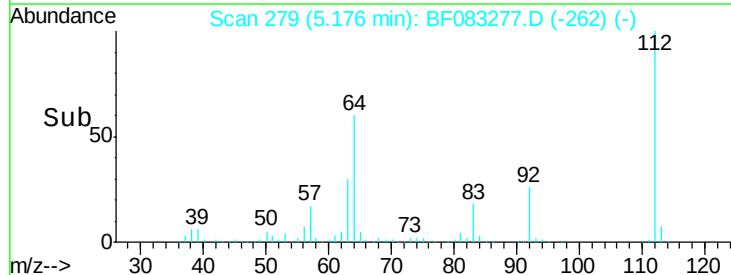
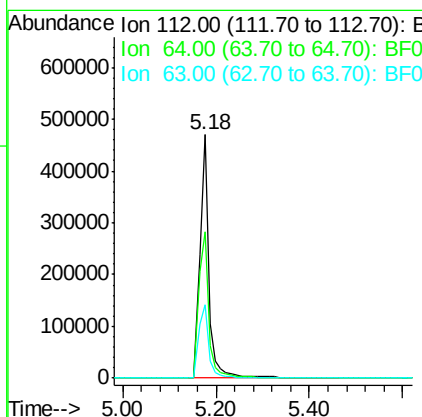
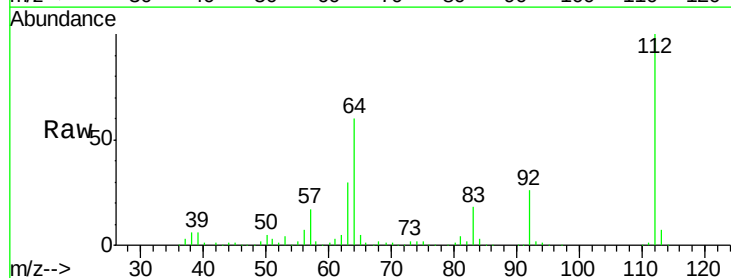
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

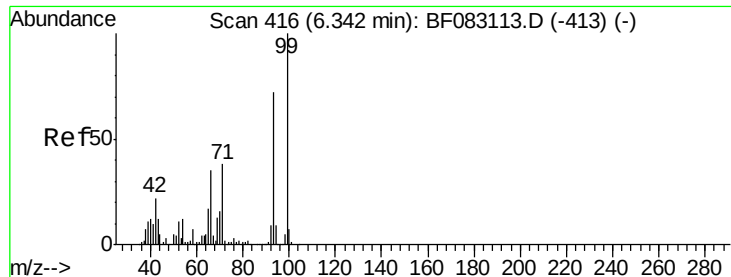
Tgt Ion:152 Resp: 279762
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.8 188.8
 115 70.6 46.9 70.3#



#5
 2-Fluorophenol
 Concen: 34.21 ng
 RT: 5.18 min Scan# 279
 Delta R.T. -0.10 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Tgt Ion:112 Resp: 633006
 Ion Ratio Lower Upper
 112 100
 64 60.0 58.4 87.6
 63 30.0 30.0 45.0





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083277.D

Acq: 25 Nov 2015 16:55

Instrument :

BNA_F

ClientSampled :

P001-BF003-01

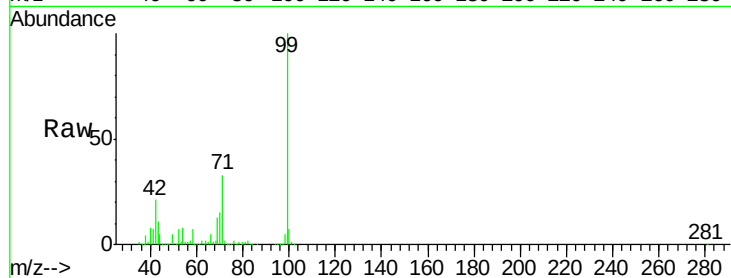
Tgt Ion: 99 Resp: 999507

Ion Ratio Lower Upper

99 100

42 20.6 17.7 26.5

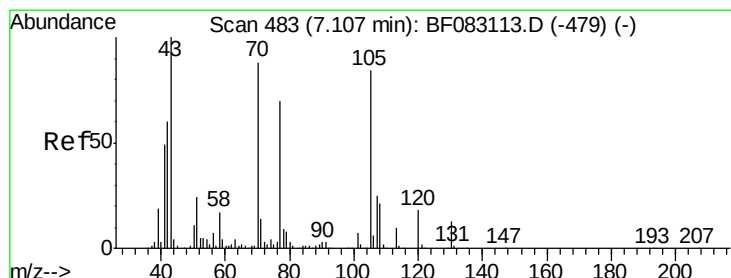
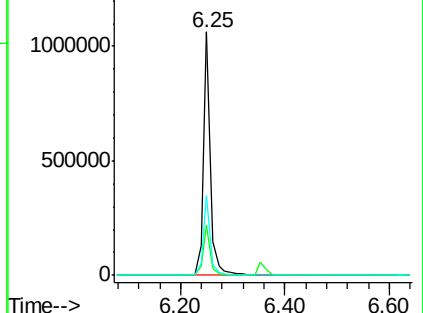
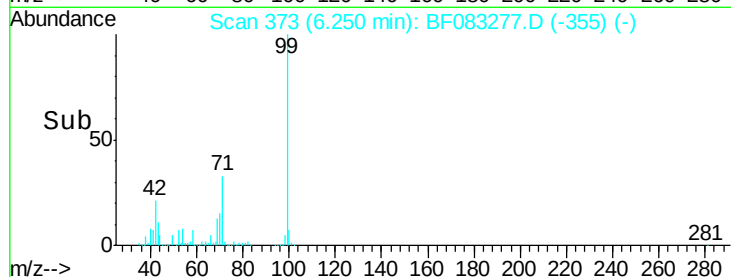
71 33.0 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.45 ng

RT: 7.15 min Scan# 452

Delta R.T. 0.05 min

Lab File: BF083277.D

Acq: 25 Nov 2015 16:55

Tgt Ion: 70 Resp: 74226

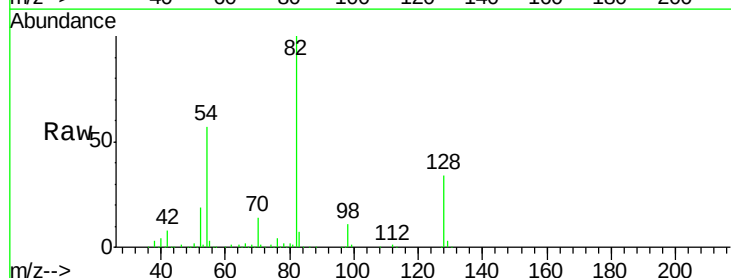
Ion Ratio Lower Upper

70 100

42 56.6 54.5 81.7

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#

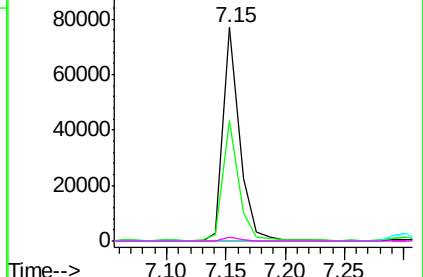
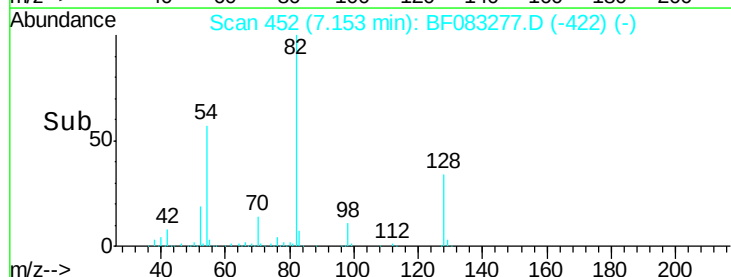


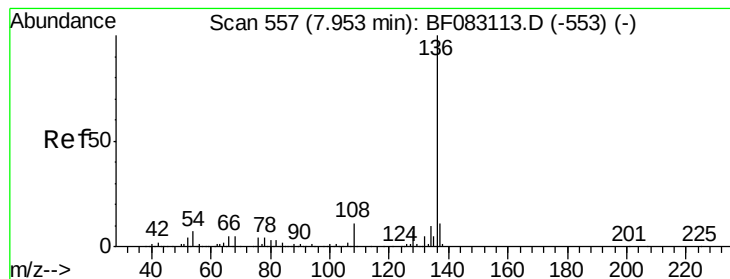
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083277.D

Acq: 25 Nov 2015 16:55

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

Tgt Ion:136 Resp: 641477

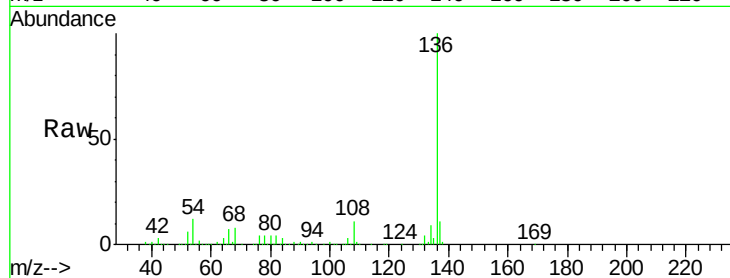
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.9 5.8 8.6#

68 8.3 3.8 5.8#

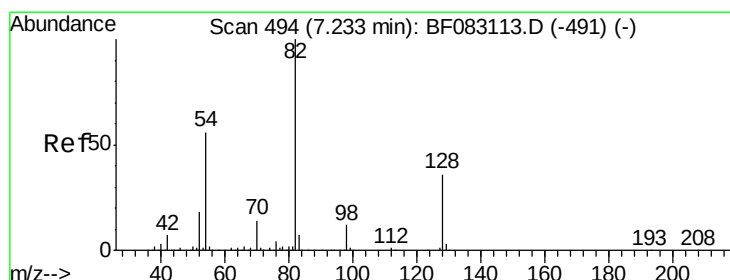
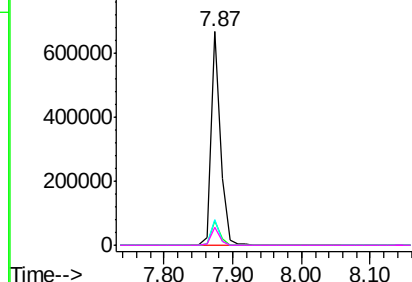
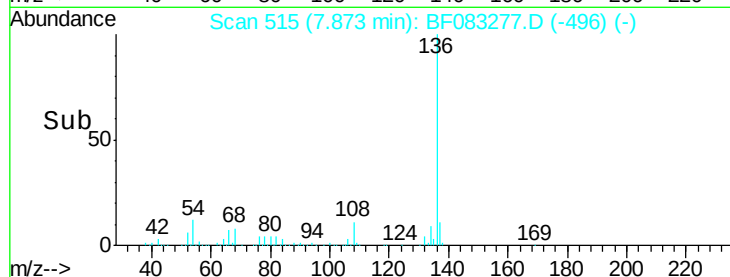


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.75 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF083277.D

Acq: 25 Nov 2015 16:55

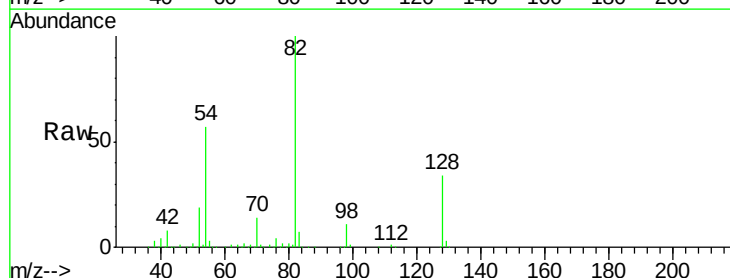
Tgt Ion: 82 Resp: 557963

Ion Ratio Lower Upper

82 100

128 34.4 28.5 42.7

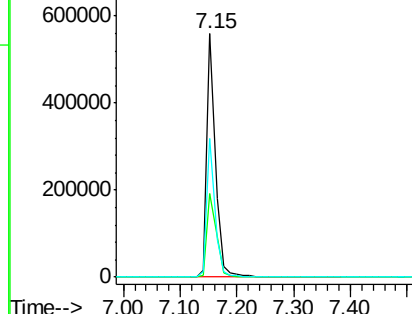
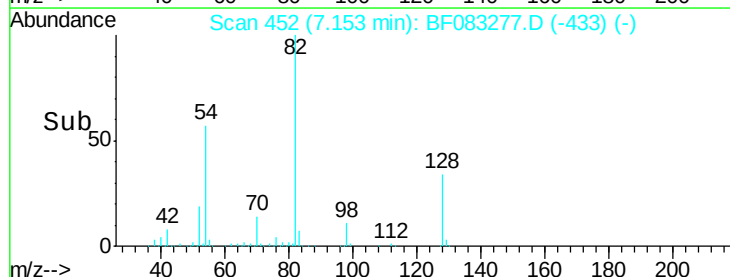
54 57.2 44.6 67.0

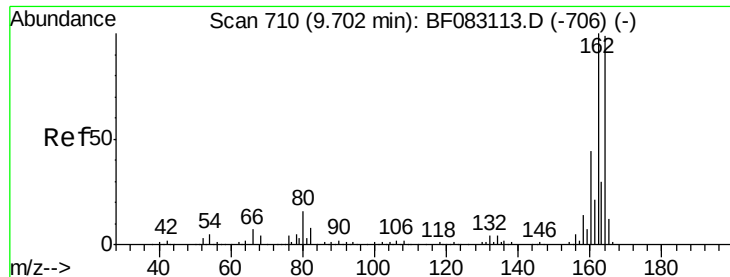


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

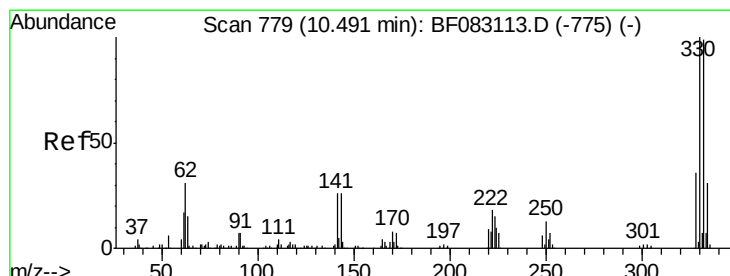
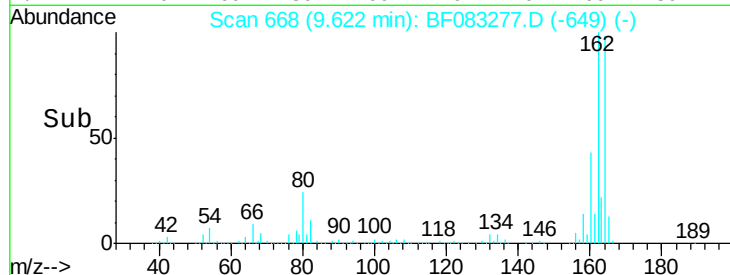
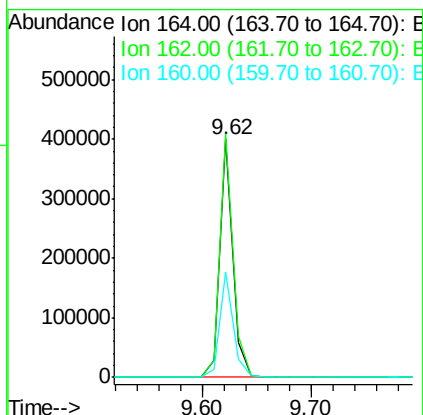
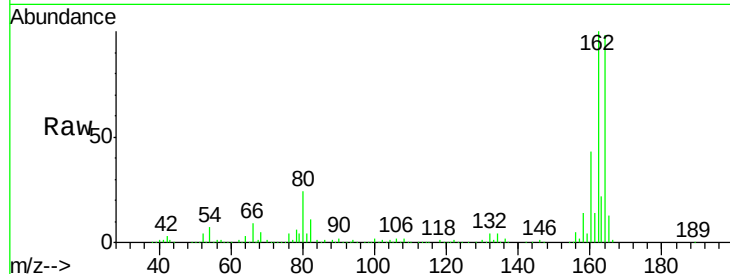




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

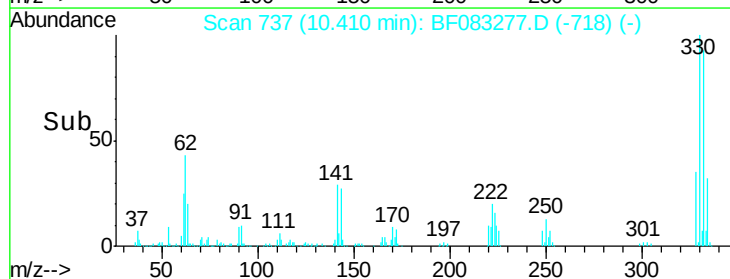
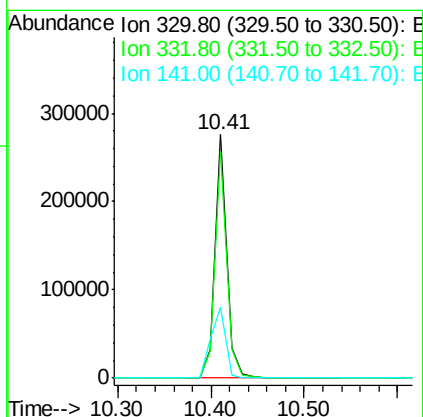
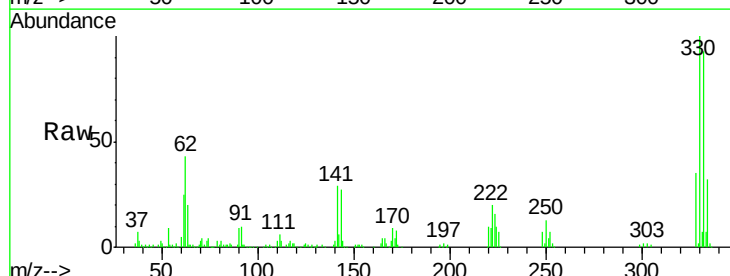
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

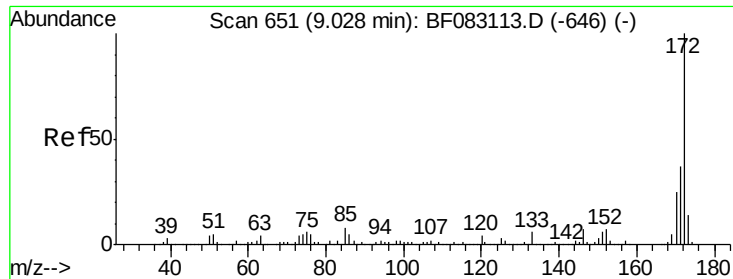
Tgt Ion:164 Resp: 339660
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.2 121.8
 160 44.0 35.6 53.4



#41
 2,4,6-Tribromophenol
 Concen: 69.49 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Tgt Ion:330 Resp: 241464
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.7 116.5
 141 37.5 29.7 44.5

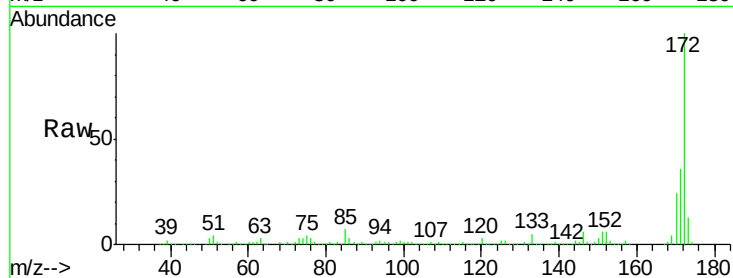




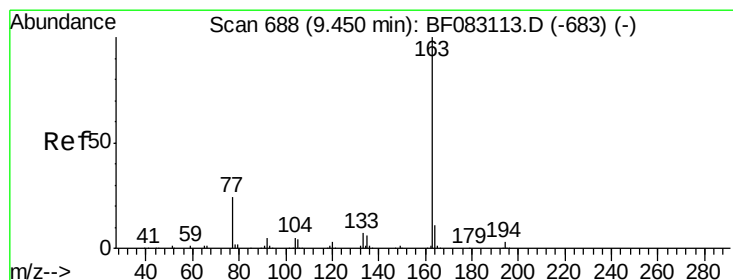
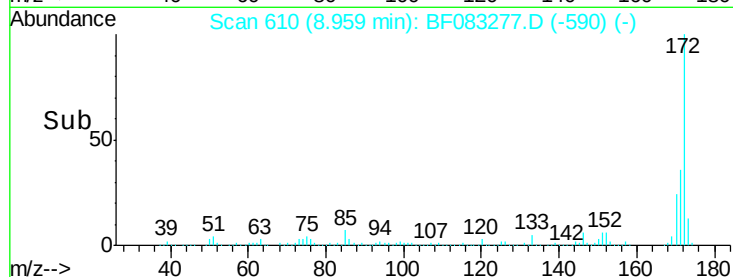
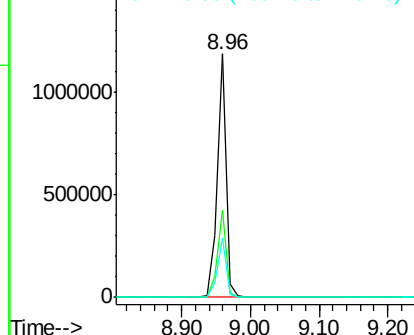
#44
 2-Fluorobiphenyl
 Concen: 44.69 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:172 Resp: 1088602
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.5 44.3
 170 24.3 19.9 29.9

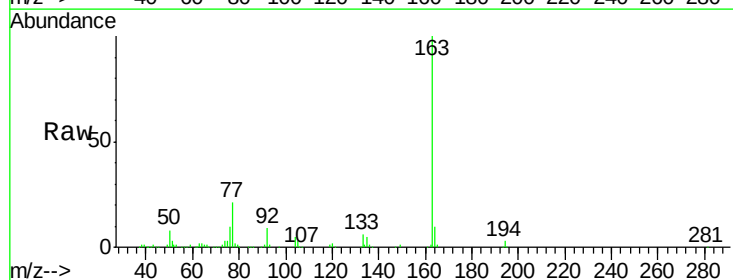


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

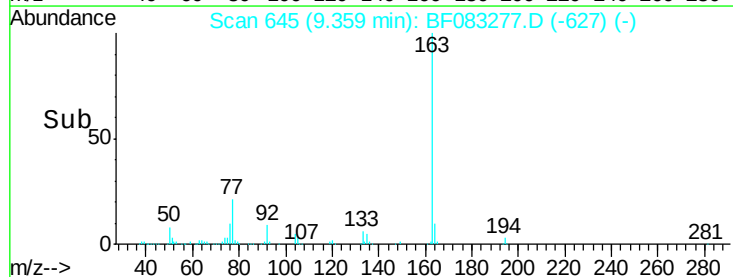
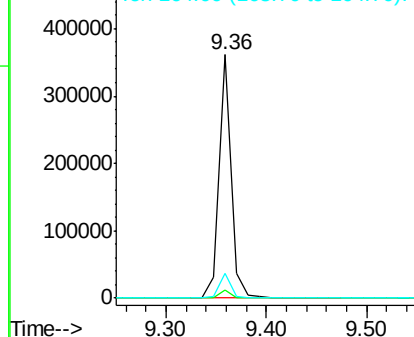


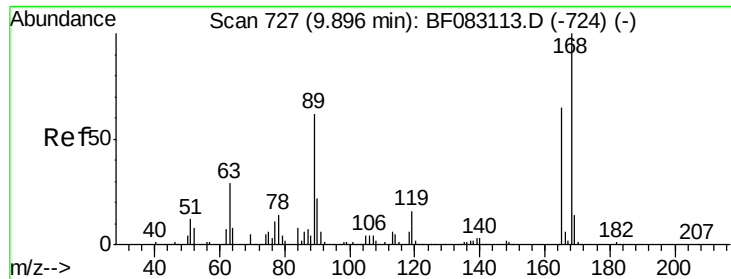
#49
 Dimethylphthalate
 Concen: 11.50 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Tgt Ion:163 Resp: 300787
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.1 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

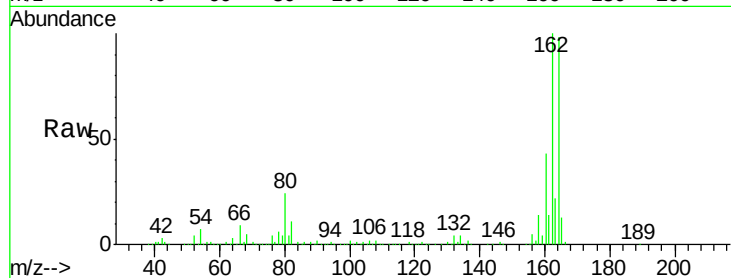




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

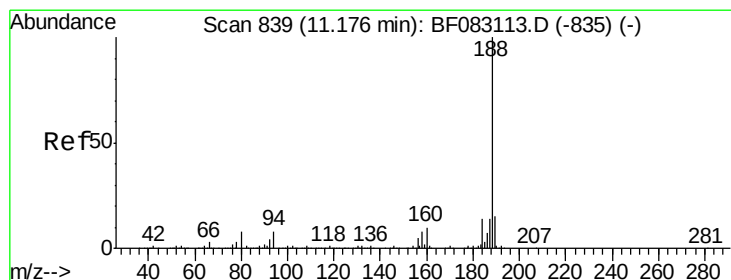
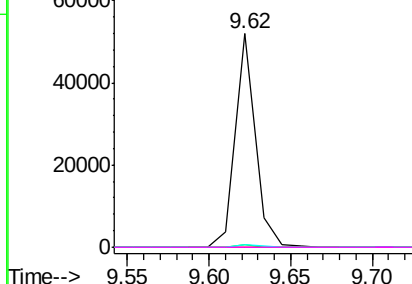
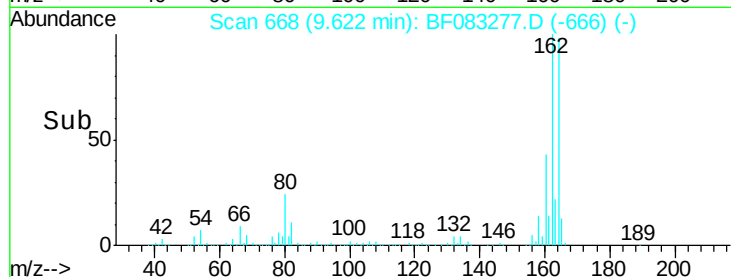


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

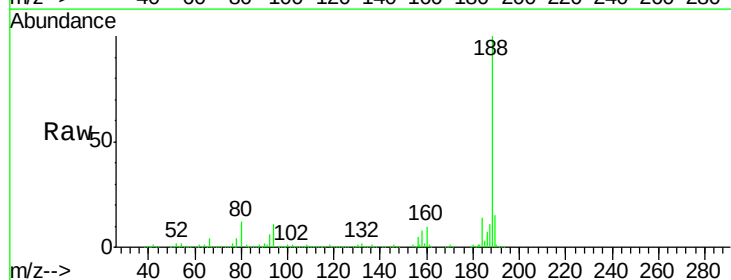
Ion 89.00 (88.70 to 89.70): BF0

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: BF083277.D
 Acq: 25 Nov 2015 16:55

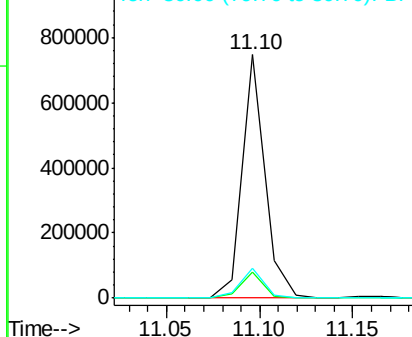
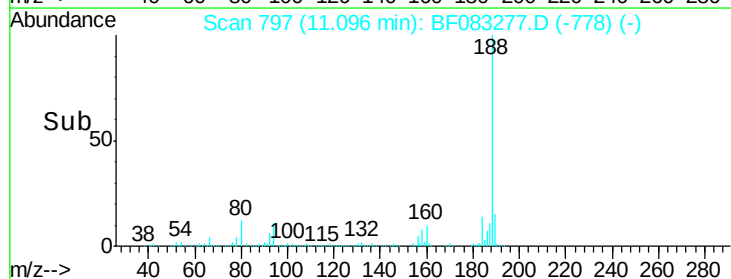
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	6.0	9.0#
80	12.3	6.7	10.1#

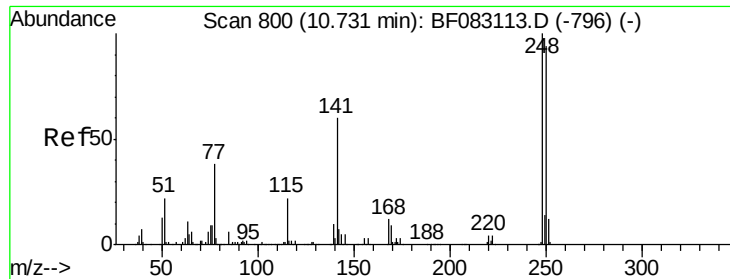


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

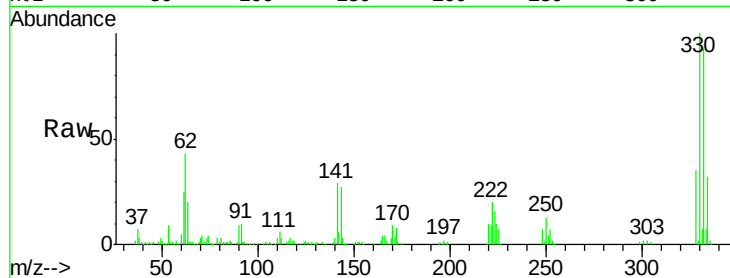




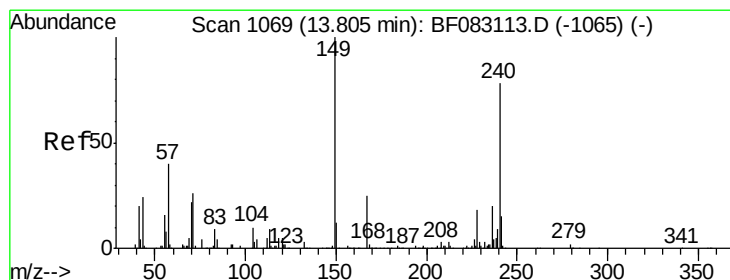
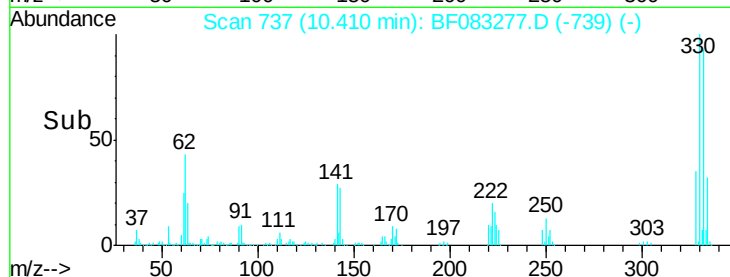
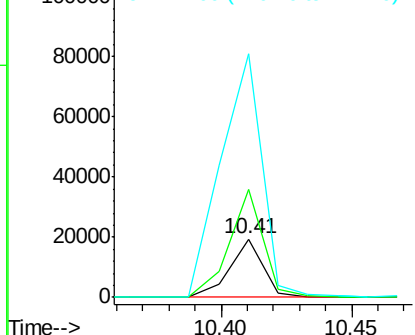
#66
 4-Bromophenyl-phenylether
 Concen: 2.42 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:248 Resp: 17138
 Ion Ratio Lower Upper
 248 100
 250 186.9 75.4 113.2#
 141 419.7 48.1 72.1#

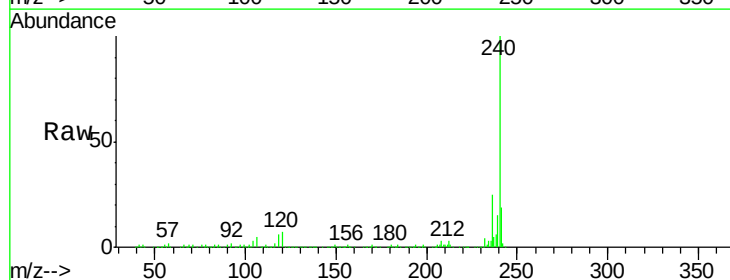


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

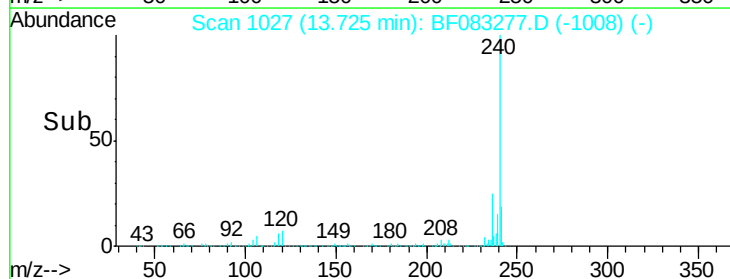
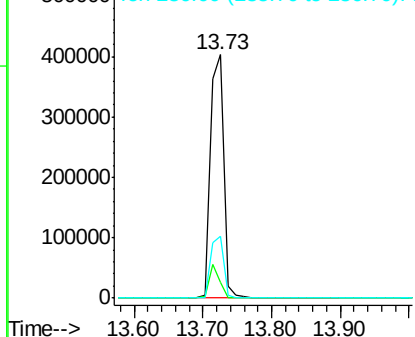


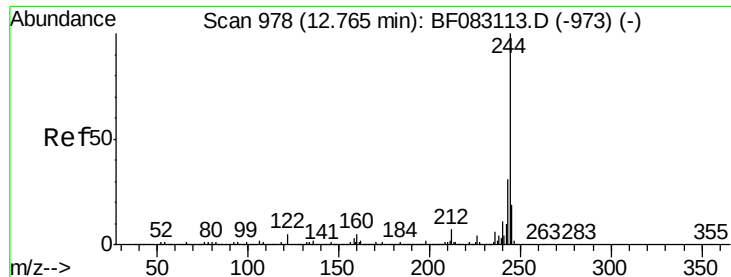
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Tgt Ion:240 Resp: 553371
 Ion Ratio Lower Upper
 240 100
 120 6.5 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

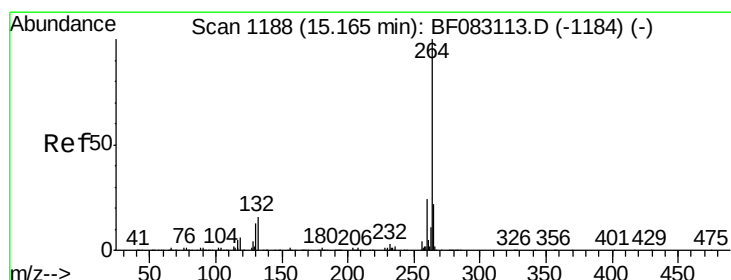
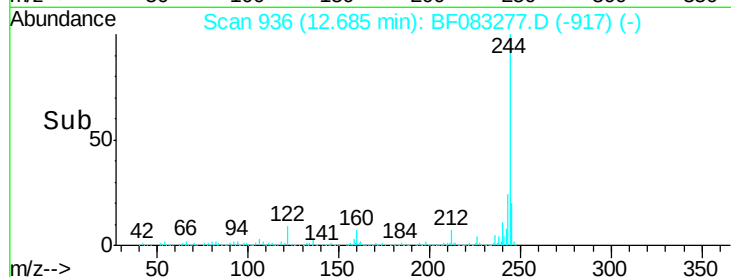
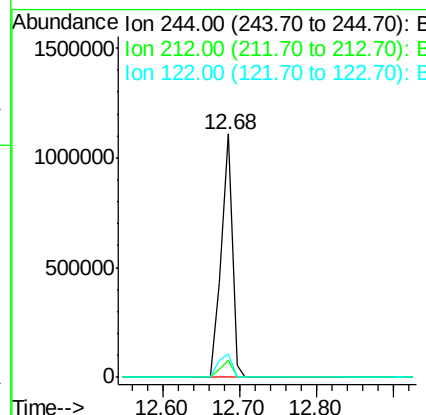
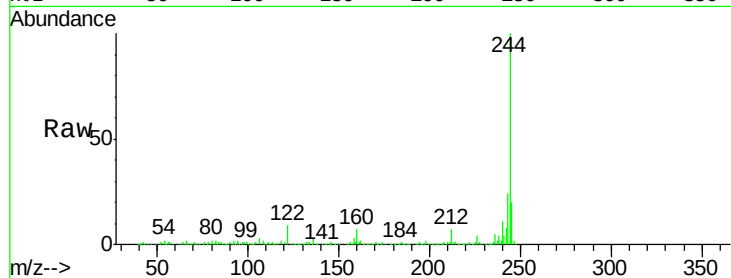




#78
 Terphenyl-d14
 Concen: 47.01 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083277.D
 Acq: 25 Nov 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:244 Resp: 1104605
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.5 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: BF083277.D
 Acq: 25 Nov 2015 16:55

Tgt Ion:264 Resp: 427054
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.9 18.2 27.4

