

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081283.D
 Acq On : 29 Aug 2015 21:26
 Operator : UM/IZ
 Sample : G3474-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:08:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

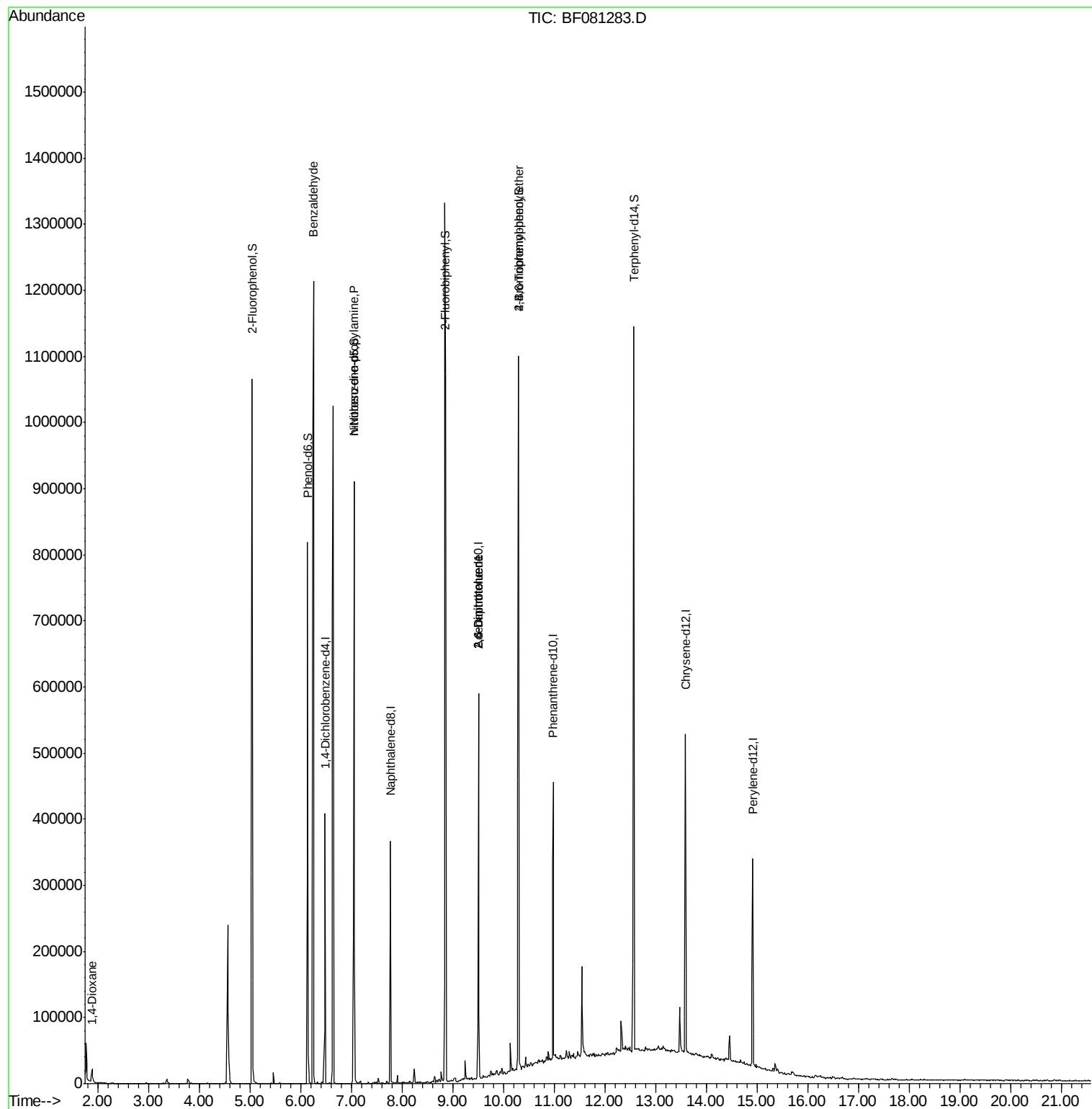
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	56347	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	210670	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	101263	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	194366	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	155745	20.00	ng	-0.07
86) Perylene-d12	14.92	264	121126	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	273323	72.96	ng	-0.06
7) Phenol-d6	6.14	99	279959	57.28	ng	-0.06
23) Nitrobenzene-d5	7.05	82	305502	66.24	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	97466	111.04	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	592911	76.72	ng	-0.05
78) Terphenyl-d14	12.57	244	513465	70.68	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	1.89	88	9704	5.50	ng	95
9) Benzaldehyde	6.25	77	10627	3.37	ng	85
19) n-Nitroso-di-n-propylamine	7.05	70	41822	12.35	ng	# 69
50) 2,6-Dinitrotoluene	9.51	165	12793	7.14	ng	# 23
56) 2,4-Dinitrotoluene	9.51	165	12793	5.39	ng	# 19
66) 4-Bromophenyl-phenylether	10.30	248	7746	4.06	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
Data File : BF081283.D
Acq On : 29 Aug 2015 21:26
Operator : UM/IZ
Sample : G3474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 01:08:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration



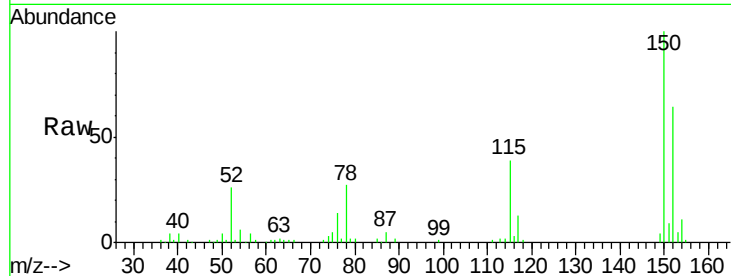


#1

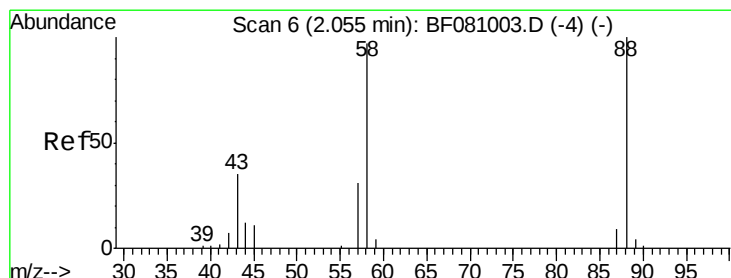
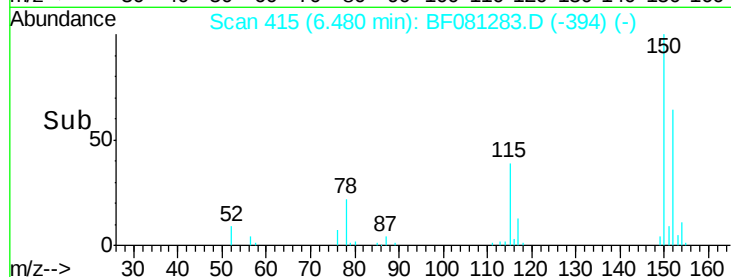
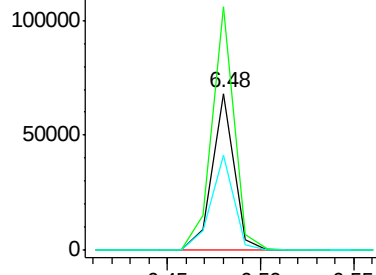
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56347
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 60.5 52.1 78.1



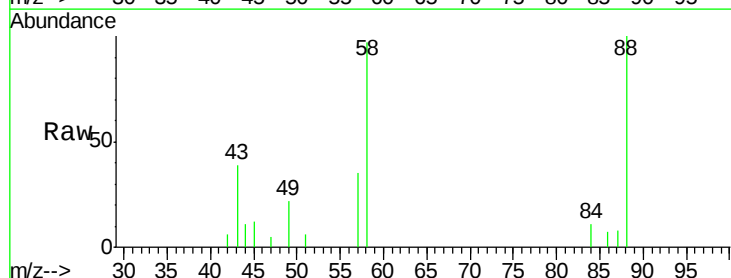
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



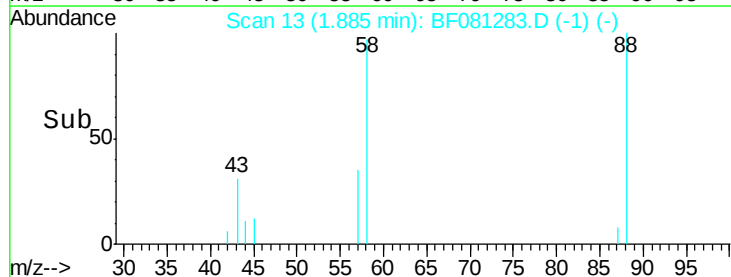
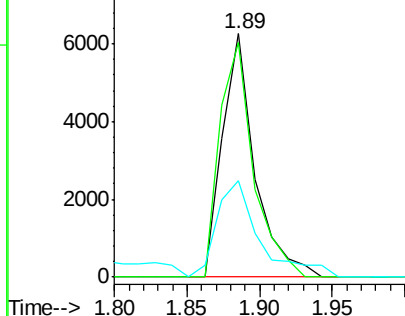
#2

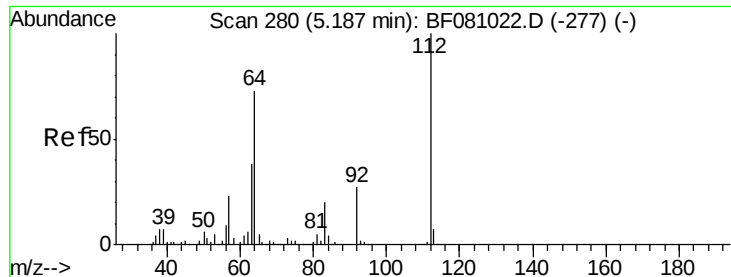
1,4-Dioxane
Concen: 5.50 ng
RT: 1.89 min Scan# 13
Delta R.T. -0.05 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Tgt Ion: 88 Resp: 9704
Ion Ratio Lower Upper
88 100
58 100.4 83.7 125.5
43 52.1 37.5 56.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 72.96 ng

RT: 5.04 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

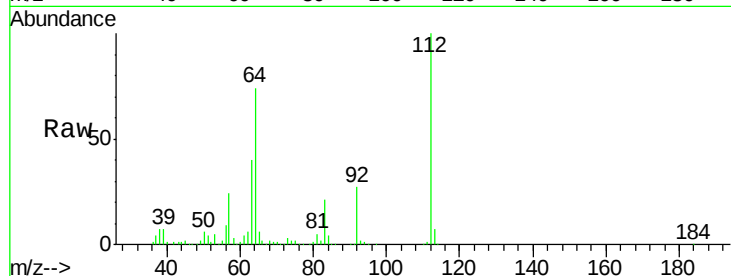
Tot Ion:112 Resp: 273323

Ion Ratio Lower Upper

112 100

64 74.4 66.9 100.3

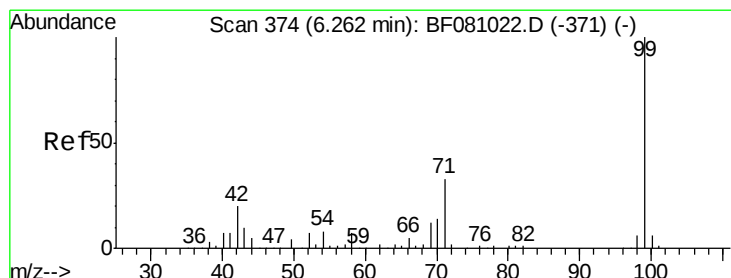
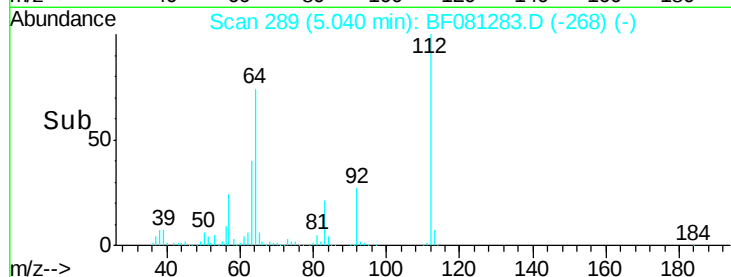
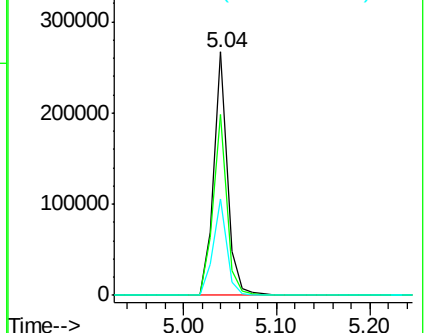
63 39.5 38.1 57.1



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: 57.28 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

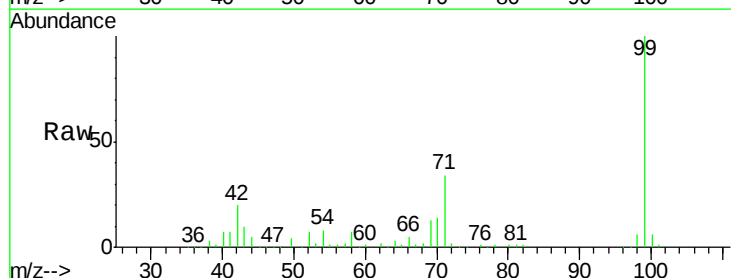
Tgt Ion: 99 Resp: 279959

Ion Ratio Lower Upper

99 100

42 19.7 19.6 29.4

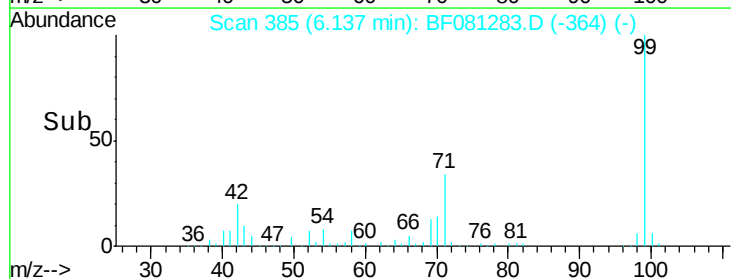
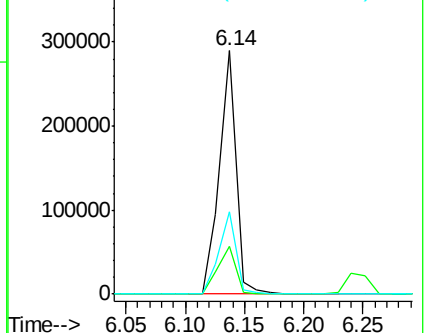
71 33.9 31.2 46.8

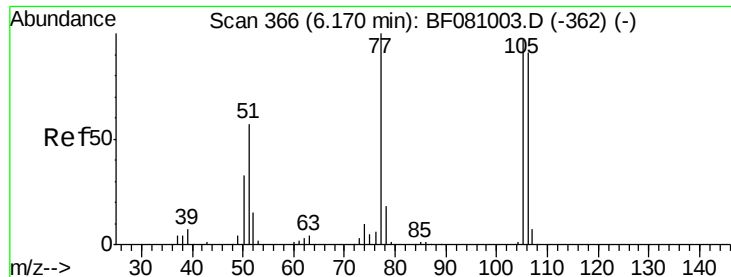


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

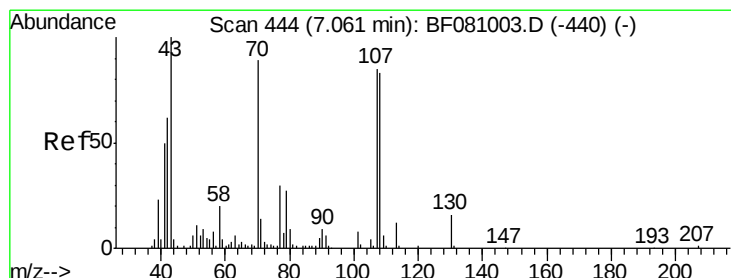
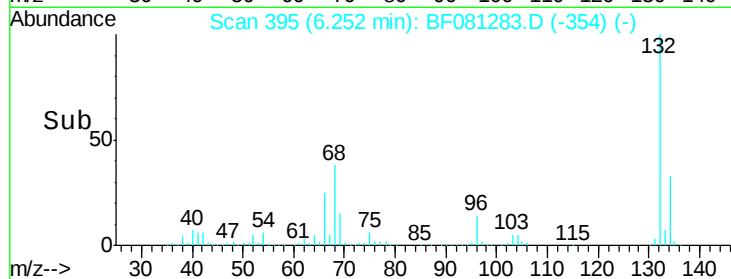
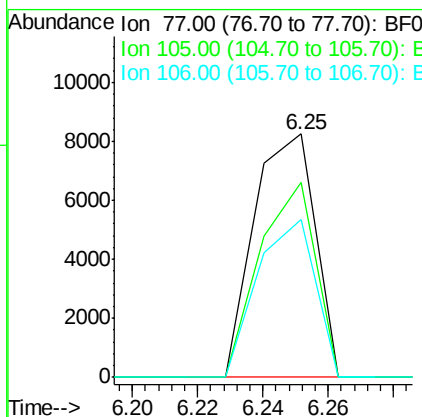
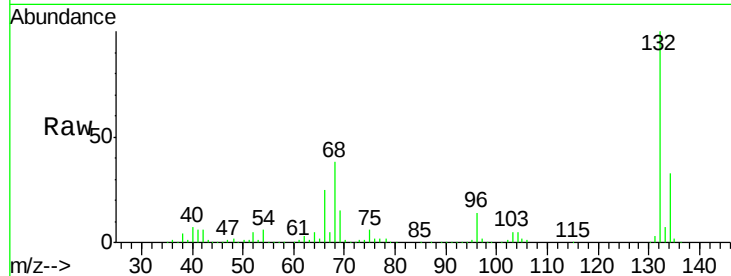




#9
Benzaldehyd
Concen: 3.37 ng
RT: 6.25 min Scan# 395
Delta R.T. 0.17 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

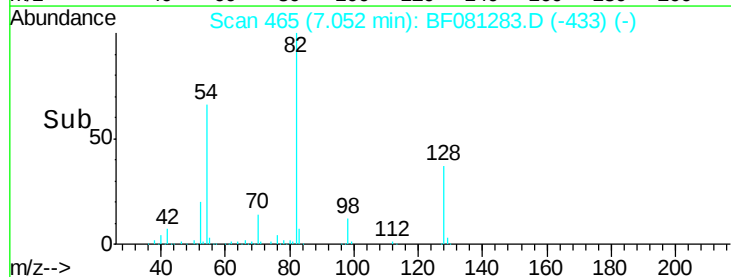
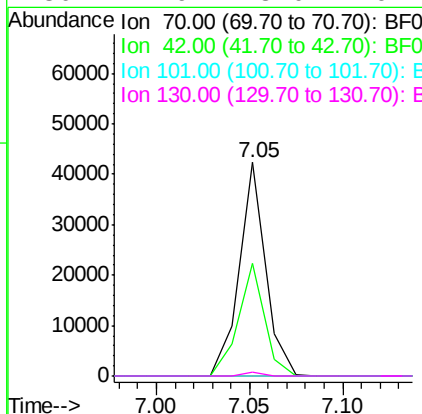
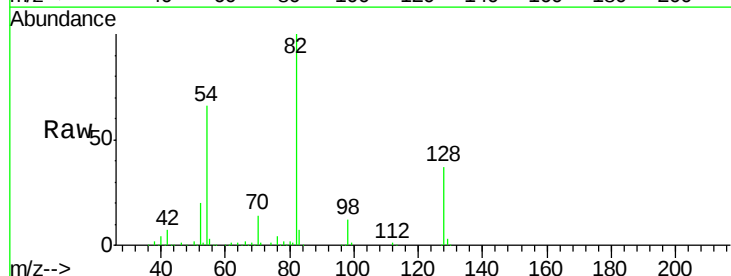
Instrument :
BNA_F
ClientSampleId :

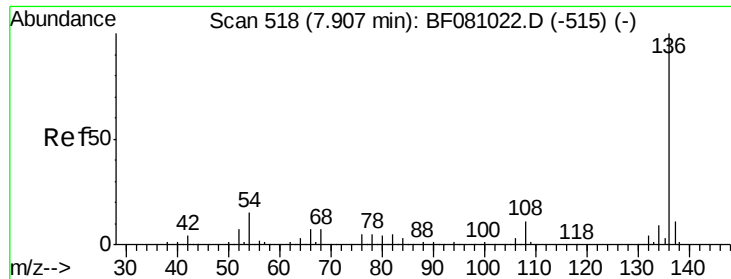
Tot Ion: 77 Resp: 10627
Ion Ratio Lower Upper
77 100
105 80.0 69.6 109.6
106 65.0 64.0 104.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.35 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Tgt Ion: 70 Resp: 41822
Ion Ratio Lower Upper
70 100
42 53.0 65.0 97.4#
101 0.0 7.4 11.2#
130 1.9 13.0 19.4#

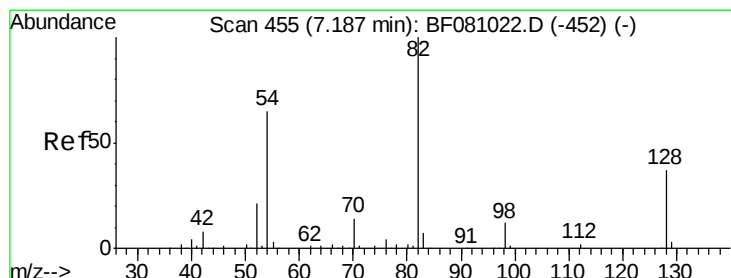
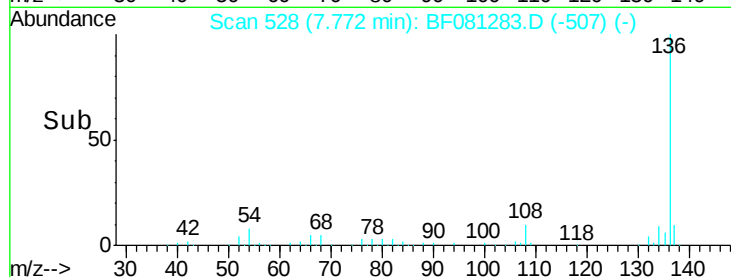
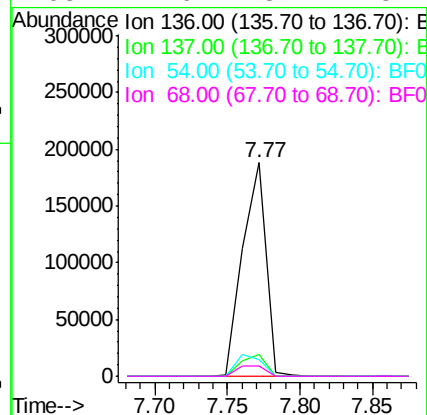
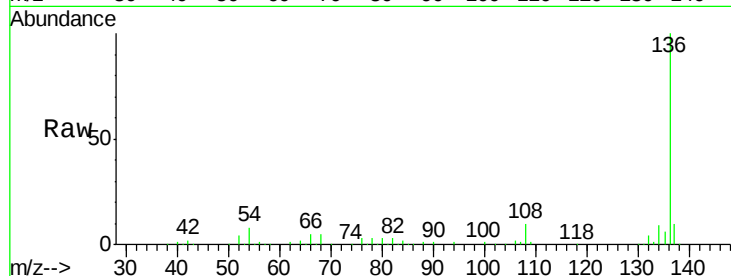




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

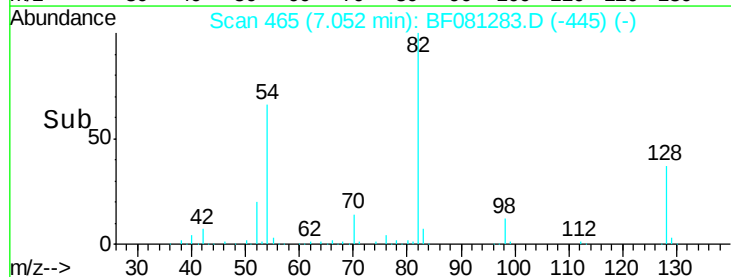
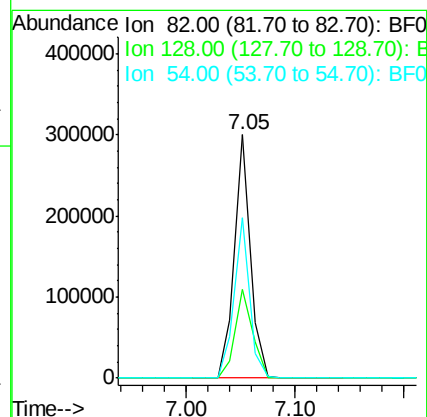
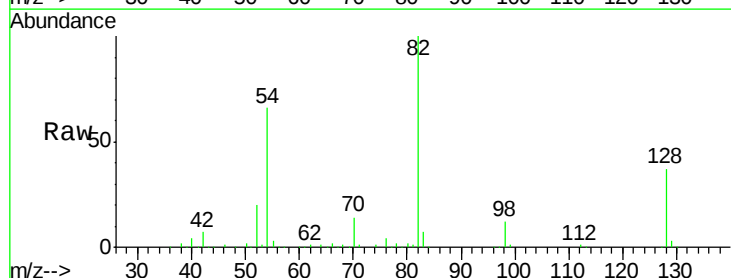
Instrument :
BNA_F
ClientSampleId :

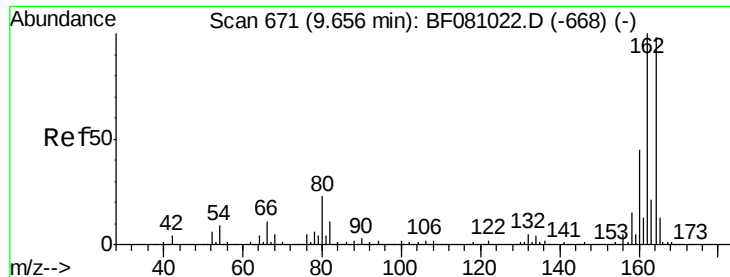
Tot Ion:136	Resp:	210670
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.2 12.2
54	7.8	7.7 11.5
68	4.6	3.4 5.2



#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Tgt Ion: 82	Resp:	305502
Ion	Ratio	Lower Upper
82	100	
128	36.6	28.6 42.8
54	66.0	55.1 82.7

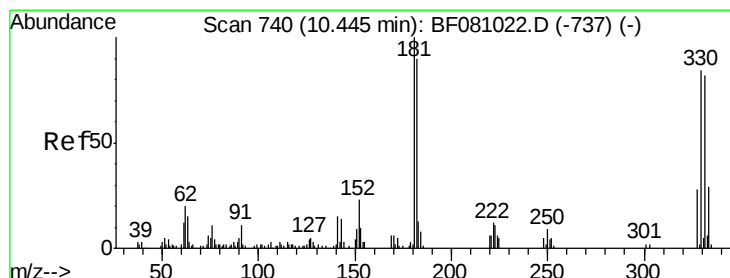
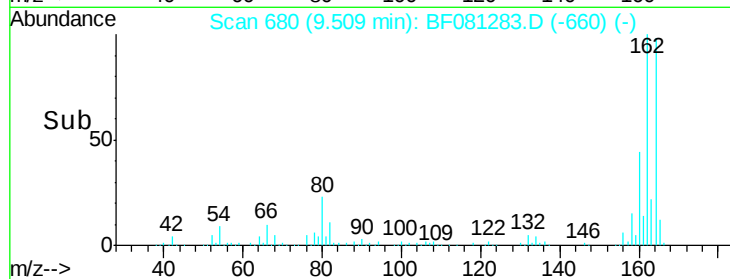
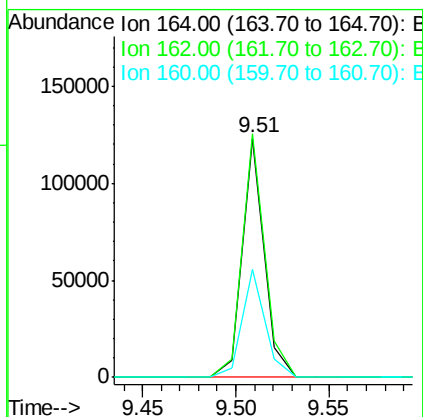
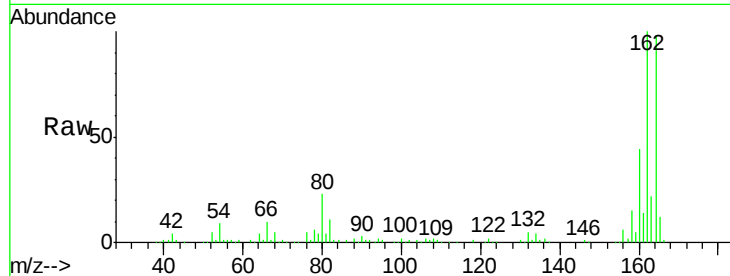




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

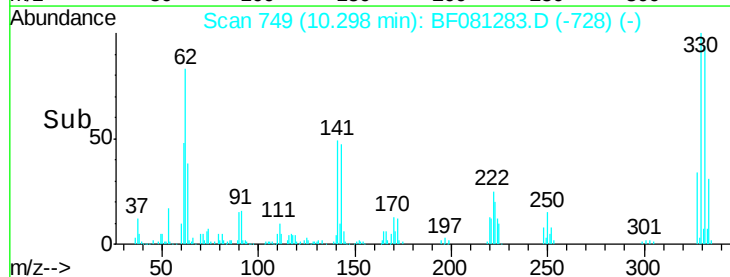
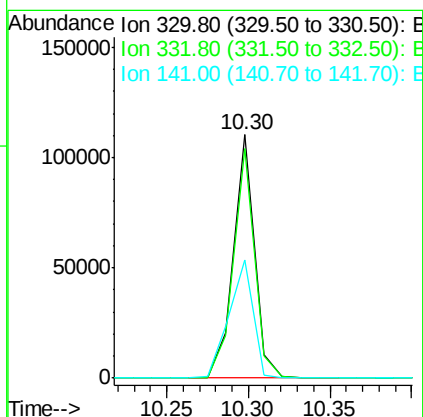
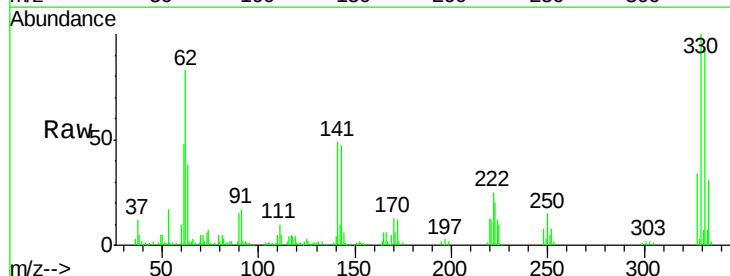
Instrument :
 BNA_F
 ClientSampleId :

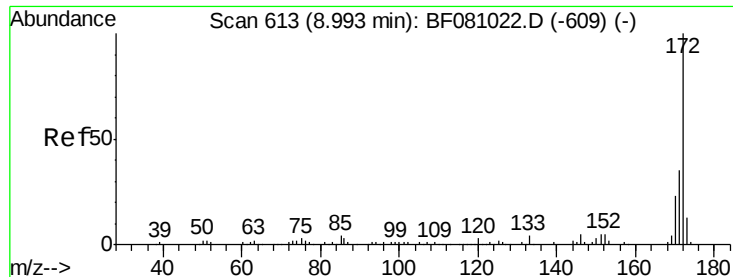
Tot Ion:164 Resp: 101263
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.8 125.8
 160 45.1 39.8 59.8



#41
 2,4,6-Tribromophenol
 Concen: 111.04 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.06 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Tgt Ion:330 Resp: 97466
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 55.8 44.9 67.3

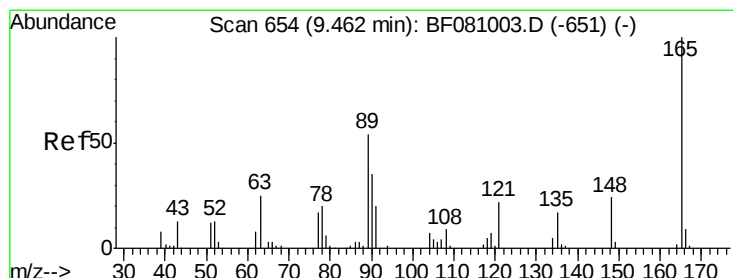
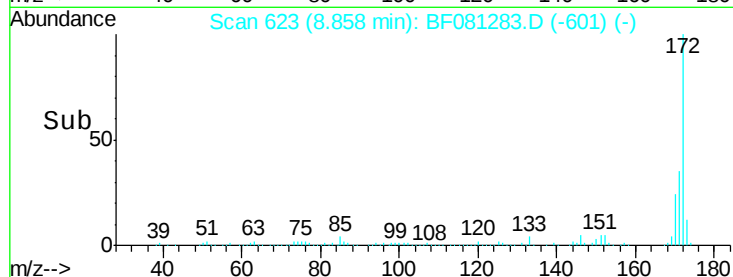
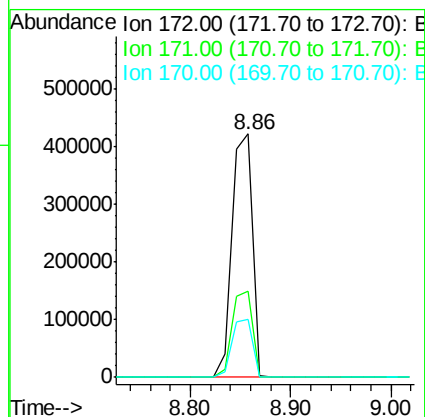
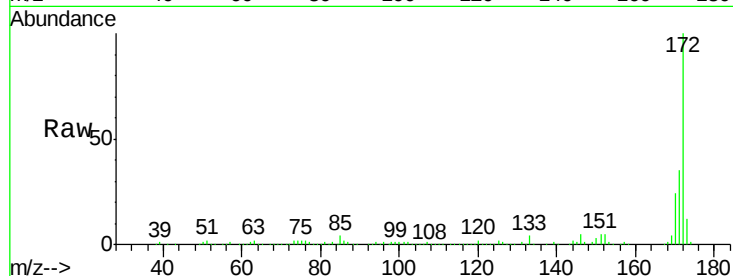




#44
2-Fluorobiphenyl
Concen: 76.72 ng
RT: 8.86 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

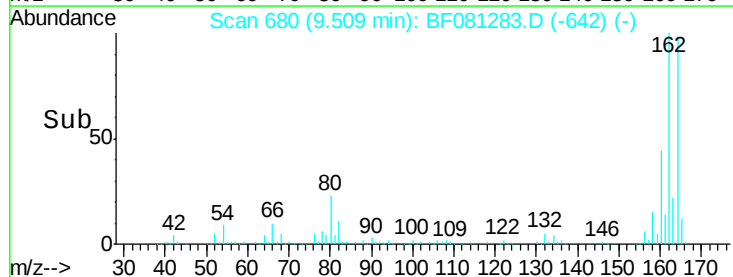
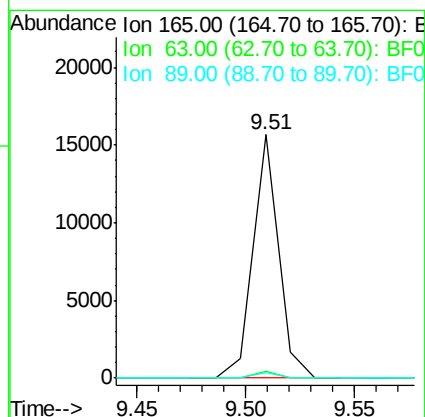
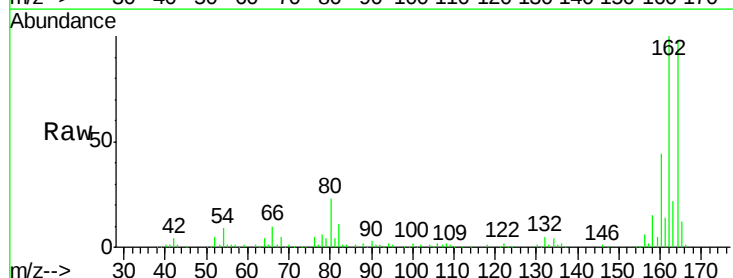
Instrument :
BNA_F
ClientSampled :

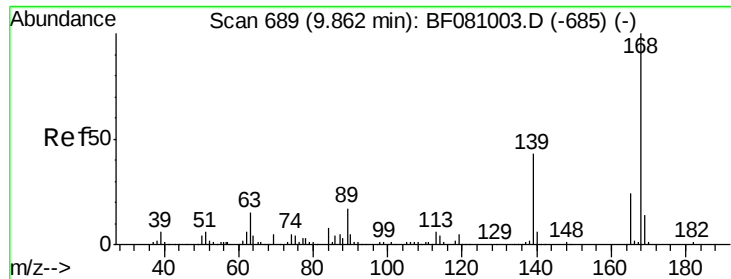
Tot Ion:172 Resp: 592911
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 24.0 19.4 29.2



#50
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 9.51 min Scan# 680
Delta R.T. 0.14 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Tgt Ion:165 Resp: 12793
Ion Ratio Lower Upper
165 100
63 2.7 49.5 74.3#
89 2.2 47.6 71.4#

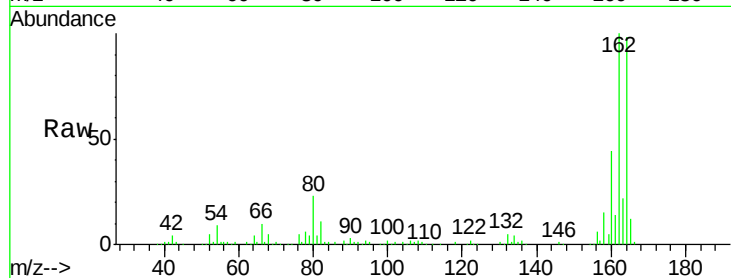




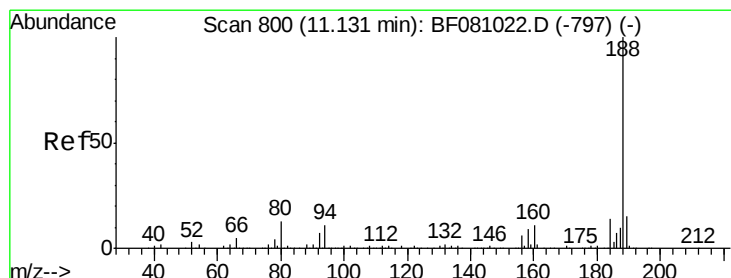
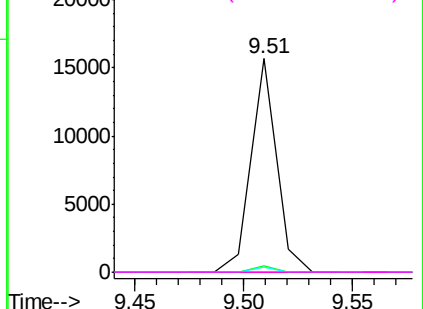
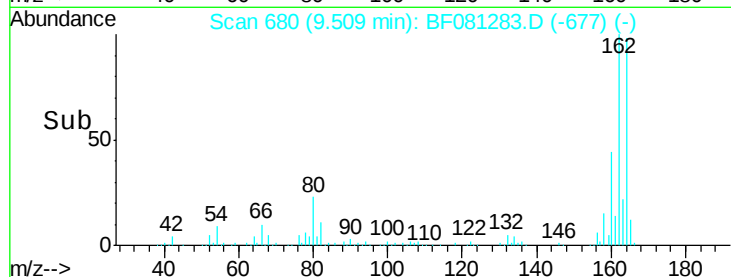
#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 12793
 Ion Ratio Lower Upper
 165 100
 63 2.7 52.2 78.4#
 89 2.2 60.1 90.1#
 182 0.0 1.8 2.6#

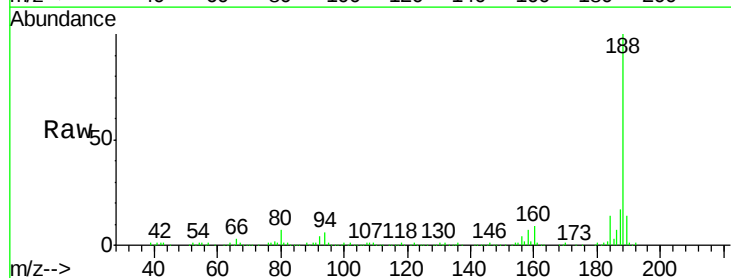


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

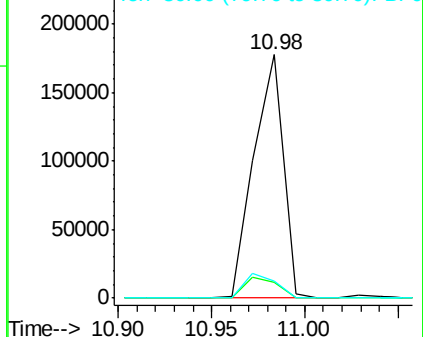
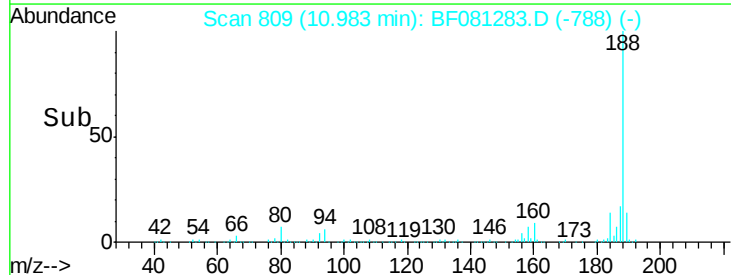


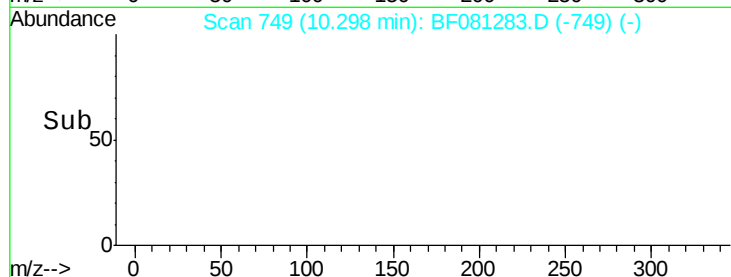
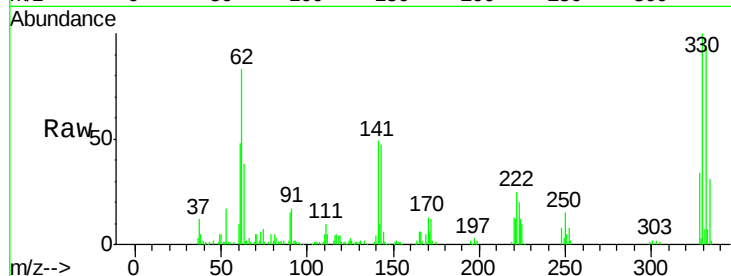
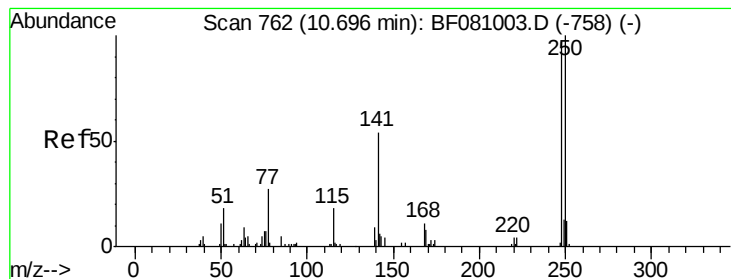
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Tgt Ion:188 Resp: 194366
 Ion Ratio Lower Upper
 188 100
 94 6.4 8.2 12.2#
 80 6.8 9.5 14.3#



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: 4.06 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

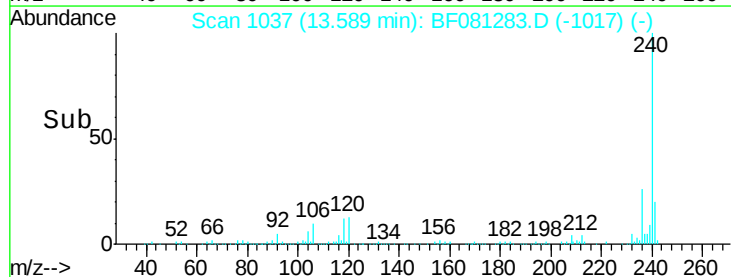
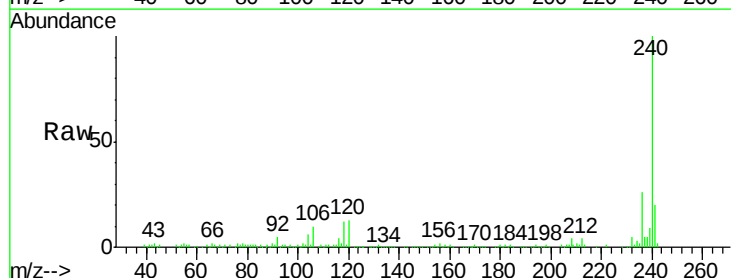
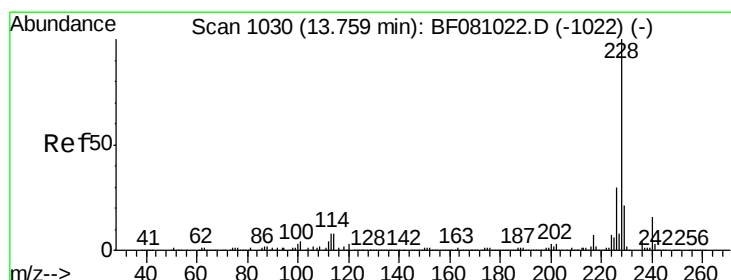
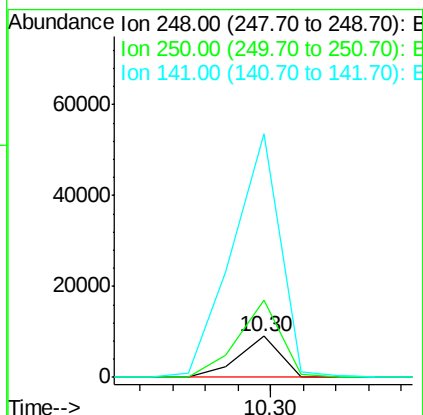
Tot Ion:248 Resp: 7746

Ion Ratio Lower Upper

248 100

250 189.9 77.8 116.6#

141 596.4 39.8 59.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

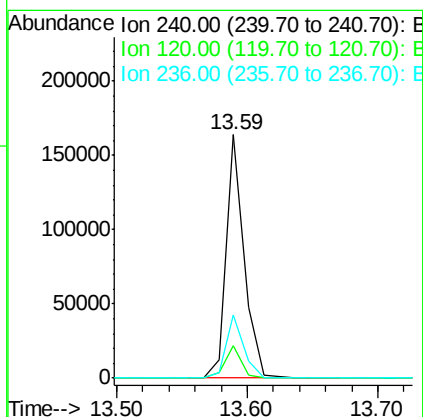
Tgt Ion:240 Resp: 155745

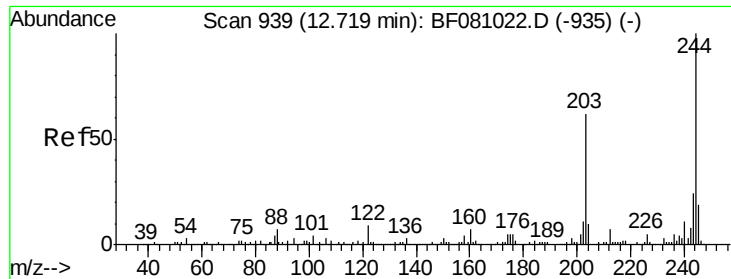
Ion Ratio Lower Upper

240 100

120 13.4 5.6 8.4#

236 25.8 20.6 30.8

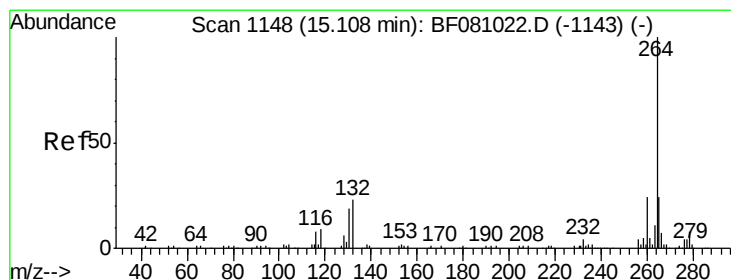
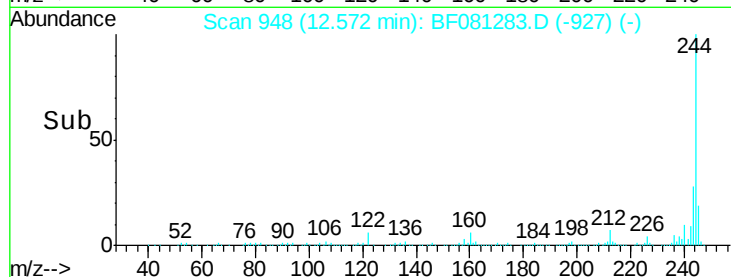
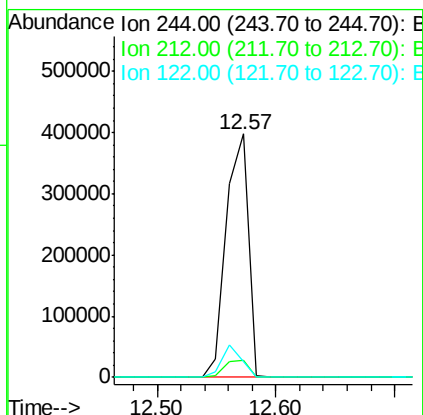
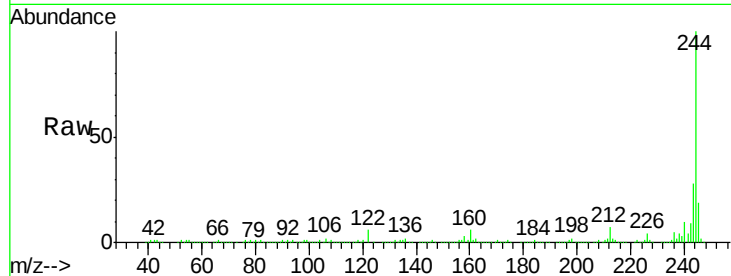




#78
 Terphenyl-d14
 Concen: 70.68 ng
 RT: 12.57 min Scan# 948
 Delta R.T. -0.06 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 513465
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 6.4 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Tgt Ion:264 Resp: 121126
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.6 17.5 26.3

