

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081282.D
 Acq On : 29 Aug 2015 20:56
 Operator : UM/IZ
 Sample : G3488-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:08:31 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

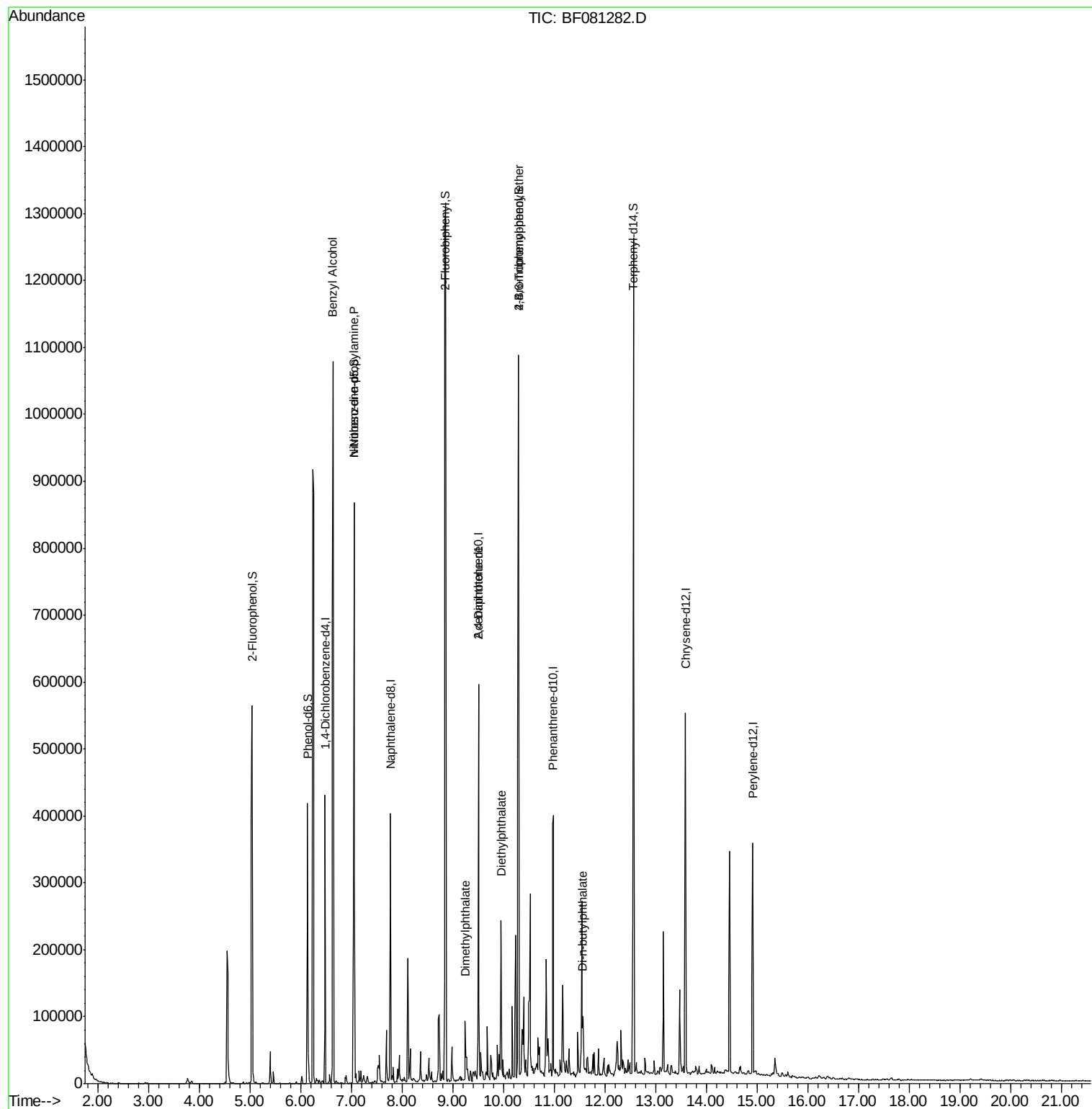
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58529	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	221338	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	103190	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	203850	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	172465	20.00	ng	-0.07
86) Perylene-d12	14.92	264	130533	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	189500	48.70	ng	-0.06
7) Phenol-d6	6.14	99	165256	32.55	ng	-0.06
23) Nitrobenzene-d5	7.05	82	326581	67.40	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	97886	109.43	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	632619	80.33	ng	-0.05
78) Terphenyl-d14	12.56	244	472267	58.70	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	6.64	79	9531	2.32	ng	# 73
19) n-Nitroso-di-n-propylamine	7.05	70	43192	12.28	ng	# 69
49) Dimethylphthalate	9.25	163	30996	3.65	ng	99
56) 2,4-Dinitrotoluene	9.51	165	12614	5.22	ng	# 18
59) Diethylphthalate	9.95	149	108044	12.01	ng	# 93
66) 4-Bromophenyl-phenylether	10.30	248	7767	3.88	ng	# 1
73) Di-n-butylphthalate	11.57	149	32333	2.36	ng	99

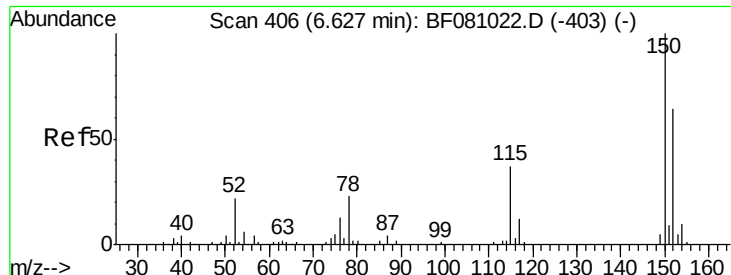
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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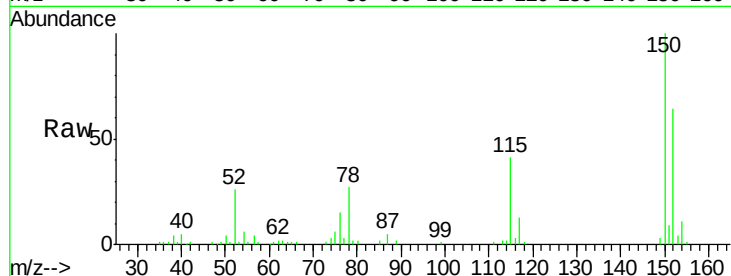


#1

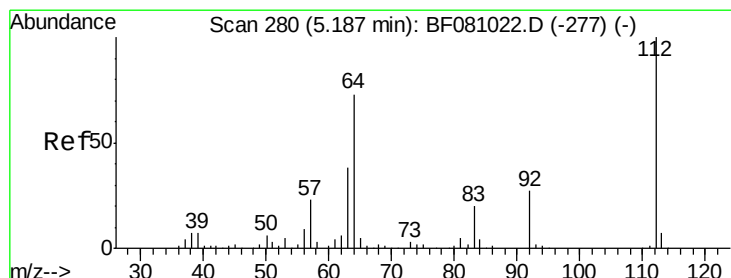
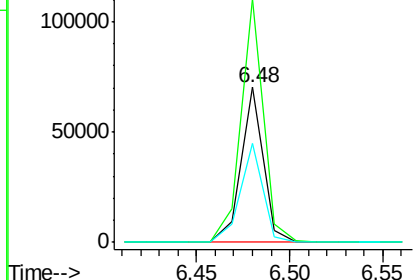
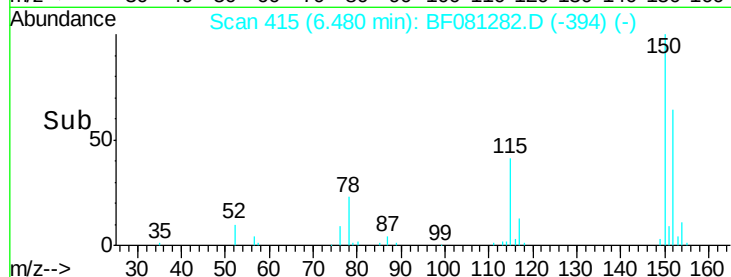
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58529
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 64.1 52.1 78.1



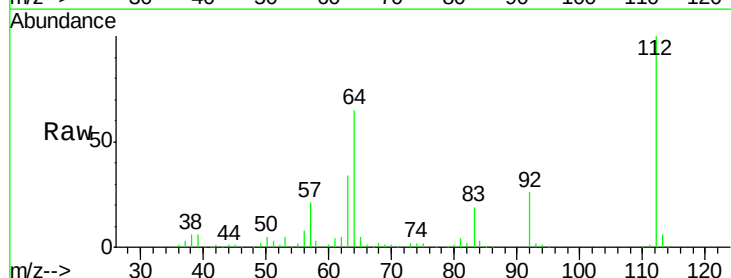
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



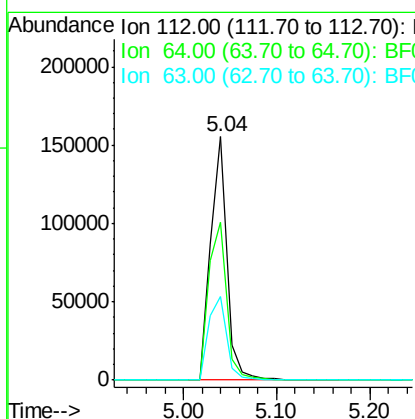
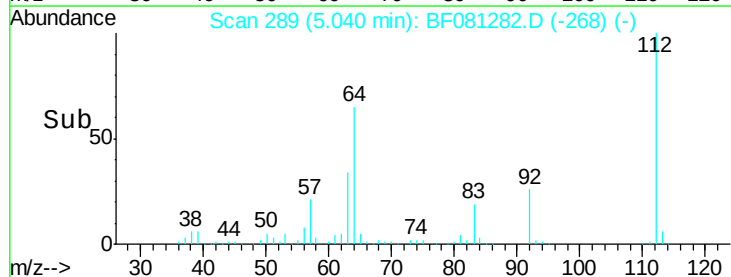
#5

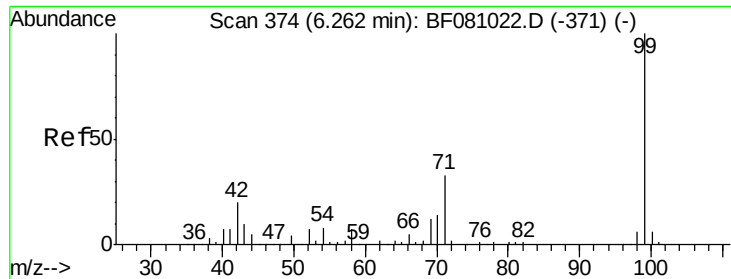
2-Fluorophenol
Concen: 48.70 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Tgt Ion:112 Resp: 189500
Ion Ratio Lower Upper
112 100
64 65.0 66.9 100.3#
63 34.4 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: 32.55 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

Instrument :

BNA_F

ClientSampleId :

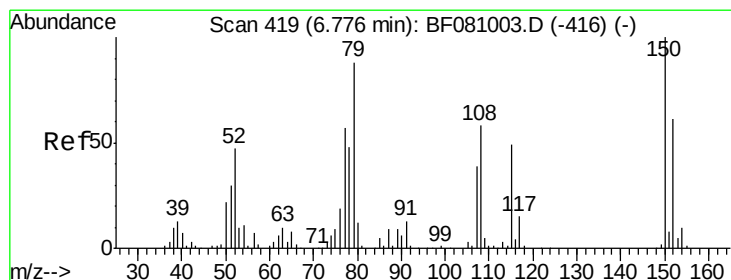
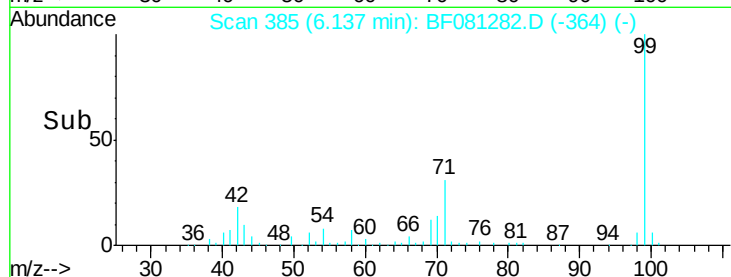
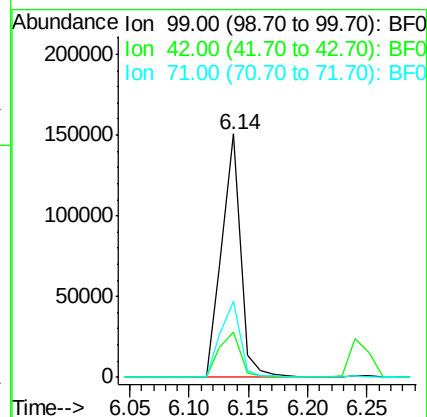
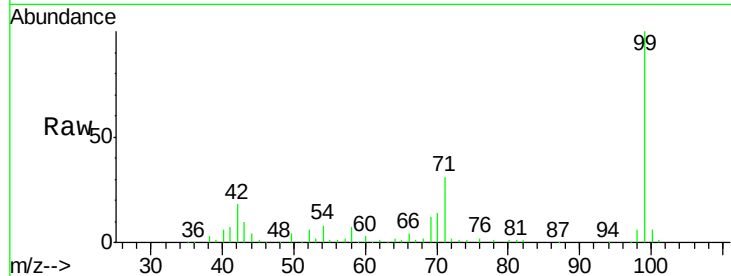
Tot Ion: 99 Resp: 165256

Ion Ratio Lower Upper

99 100

42 18.3 19.6 29.4#

71 31.3 31.2 46.8



#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 6.64 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

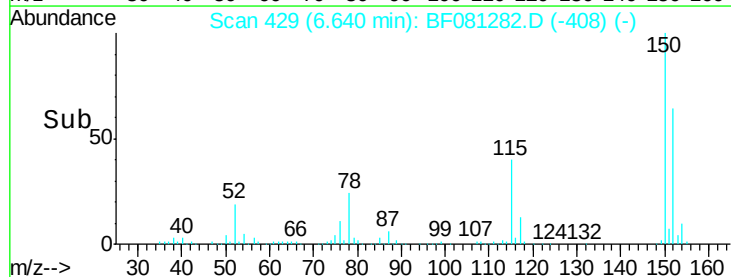
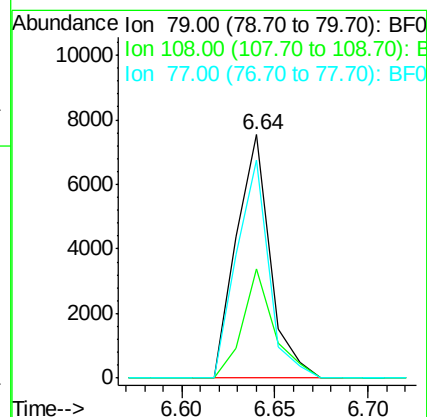
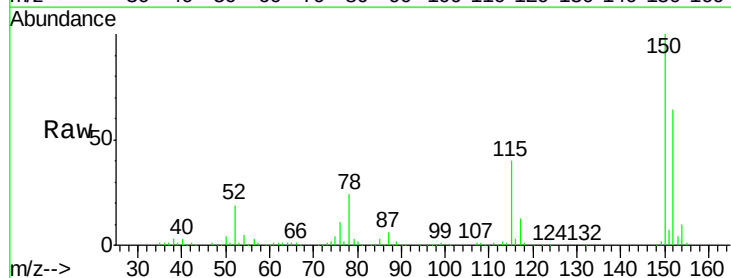
Tgt Ion: 79 Resp: 9531

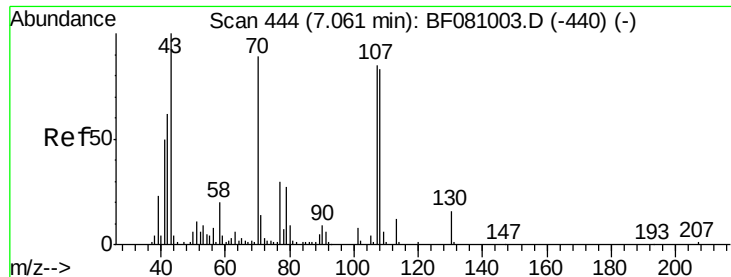
Ion Ratio Lower Upper

79 100

108 44.9 49.4 74.2#

77 89.4 51.4 77.0#

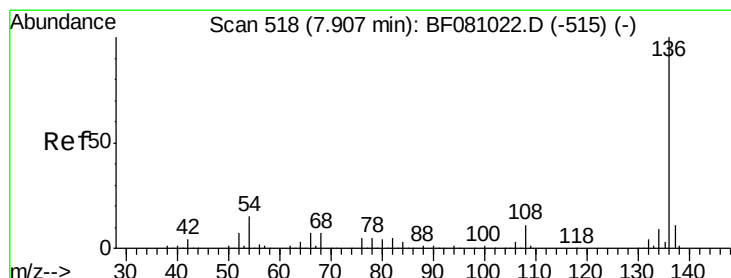
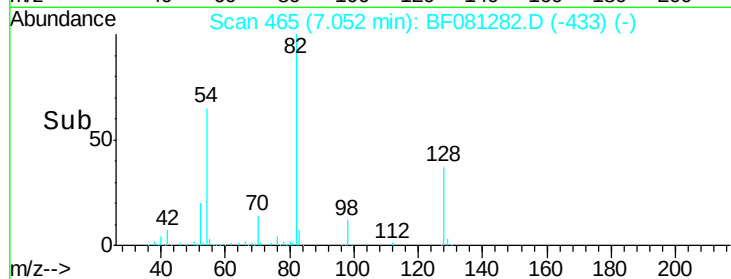
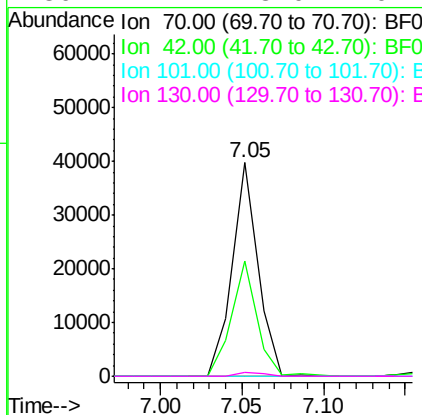
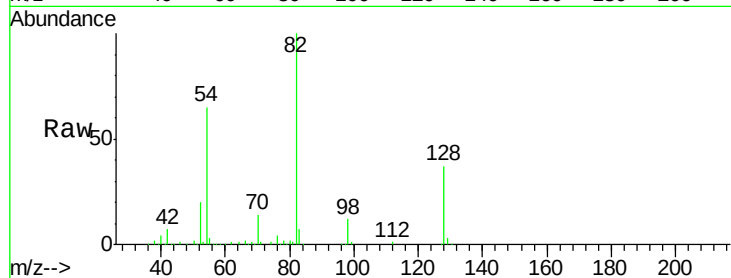




#19
n-Nitroso-di-n-propylamine
Concen: 12.28 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

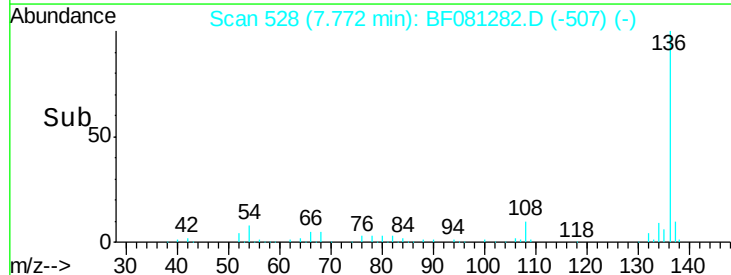
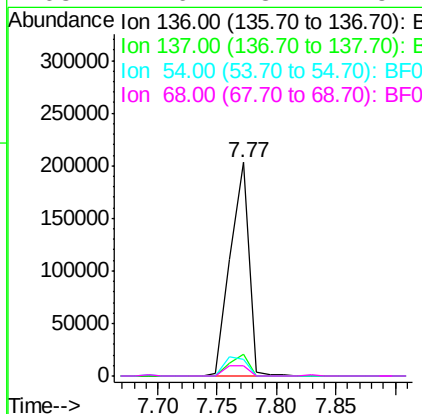
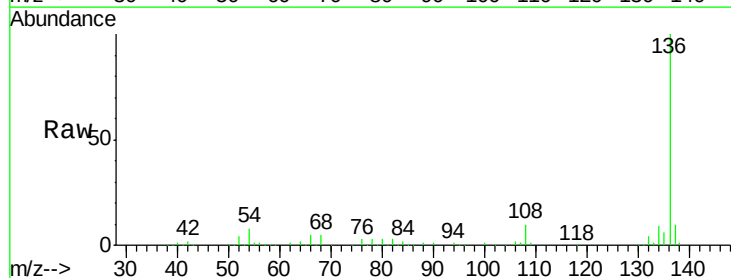
Instrument :
BNA_F
ClientSampled :

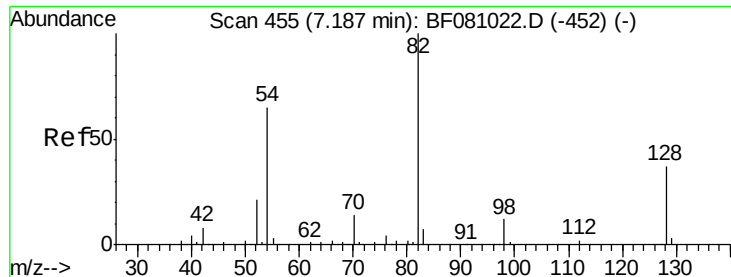
Tot Ion: 70 Resp: 43192
Ion Ratio Lower Upper
70 100
42 53.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Tgt Ion: 136 Resp: 221338
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.9 7.7 11.5
68 4.6 3.4 5.2

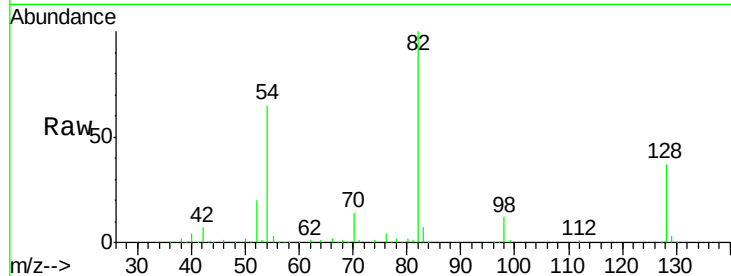




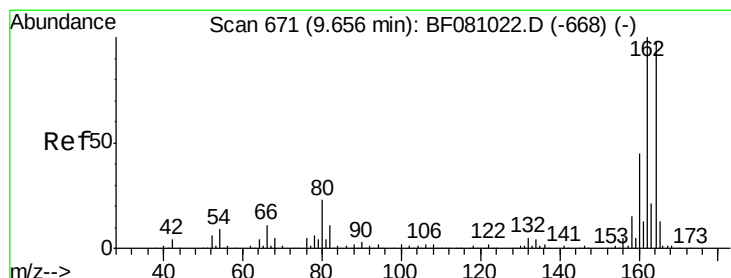
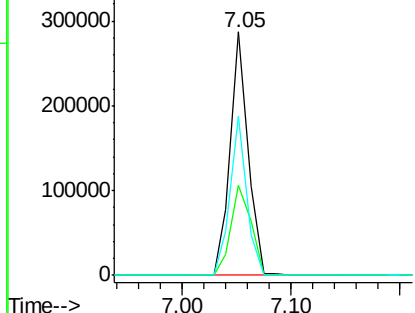
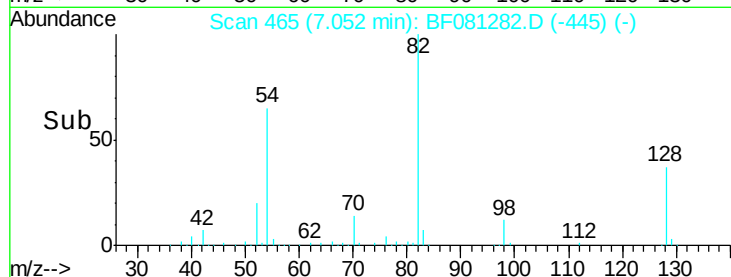
#23
 Nitrobenzene-d5
 Concen: 67.40 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081282.D
 Acq: 29 Aug 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	326581
Ion Ratio	Lower	Upper	
82	100		
128	37.2	28.6	42.8
54	65.3	55.1	82.7

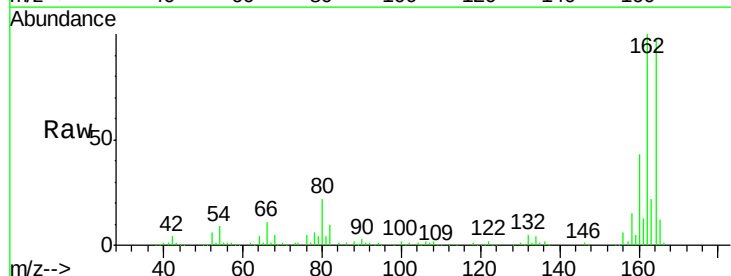


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

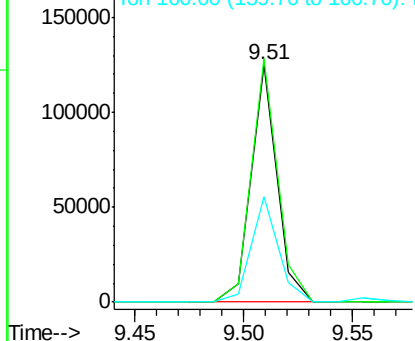
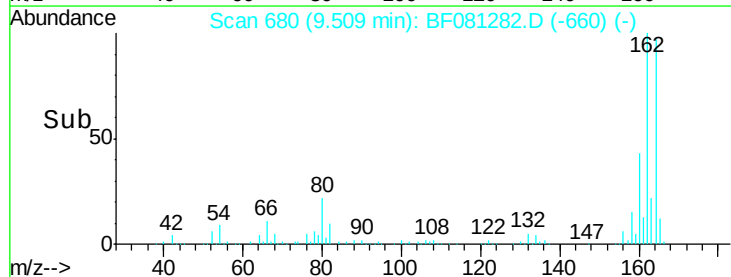


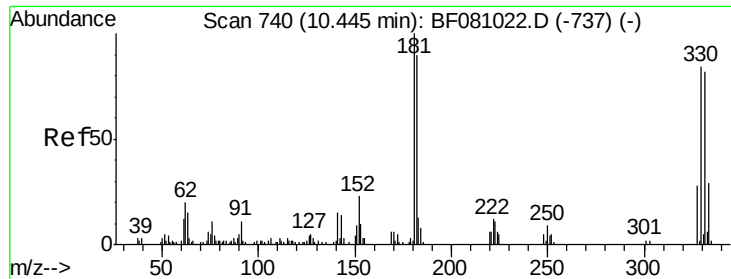
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081282.D
 Acq: 29 Aug 2015 20:56

Tgt Ion	164	Resp	103190
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.8	125.8
160	44.6	39.8	59.8



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: 109.43 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

Instrument :

BNA_F

ClientSampleId :

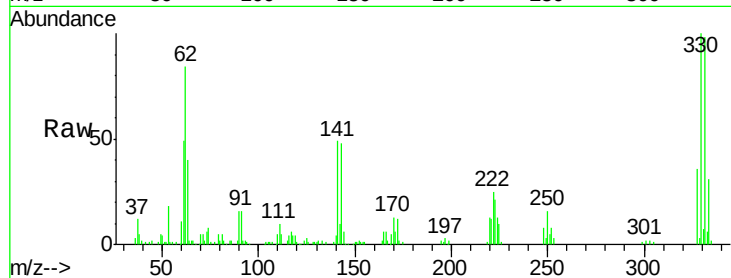
Tot Ion:330 Resp: 97886

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

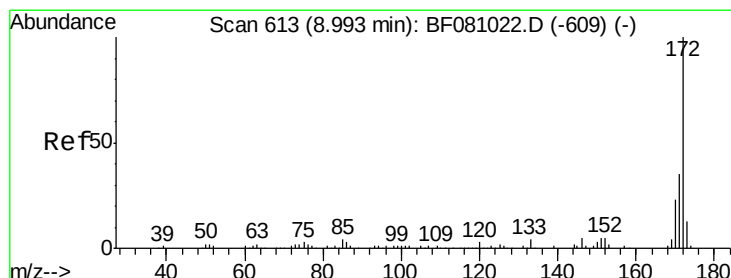
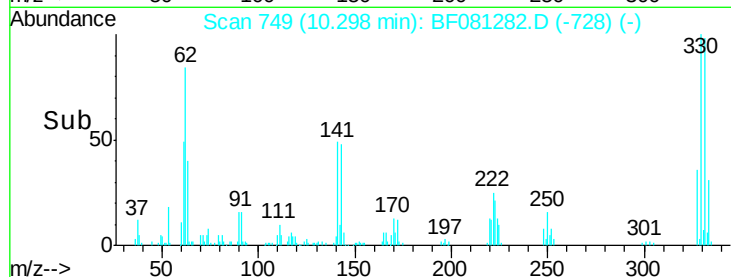
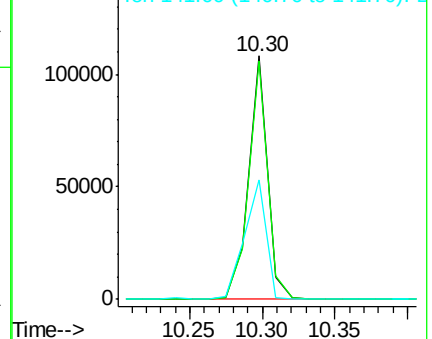
141 57.0 44.9 67.3



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: 80.33 ng

RT: 8.86 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

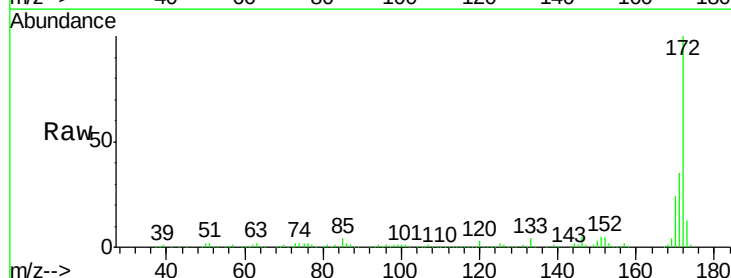
Tgt Ion:172 Resp: 632619

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

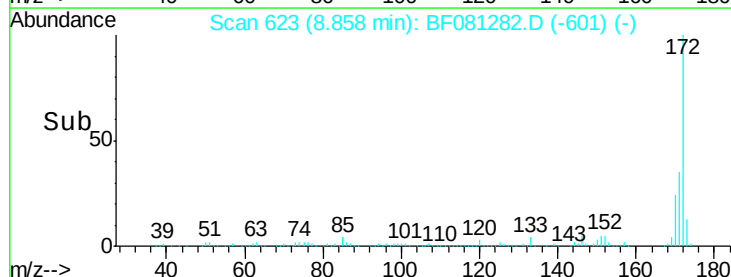
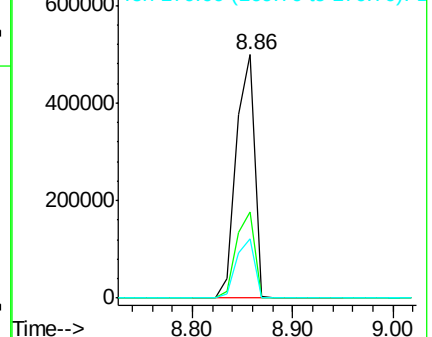
170 24.3 19.4 29.2

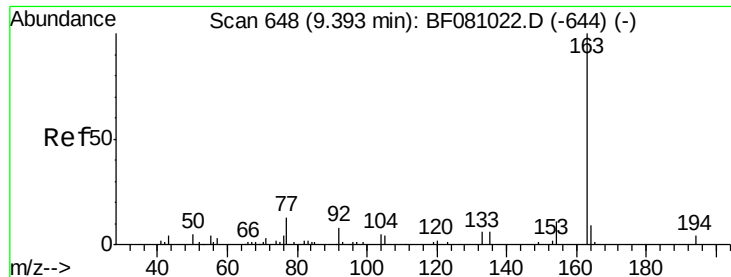


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

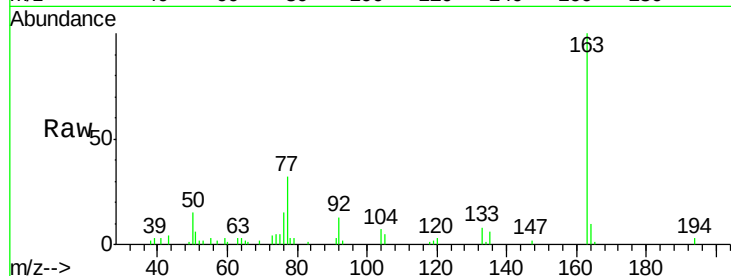




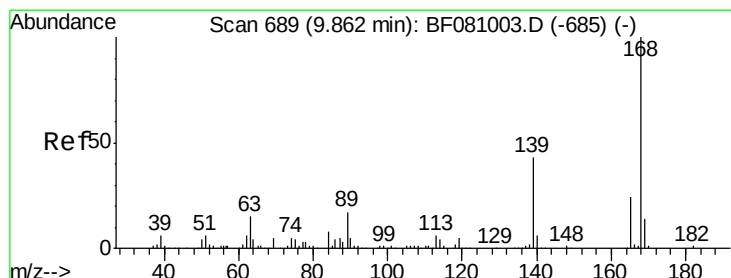
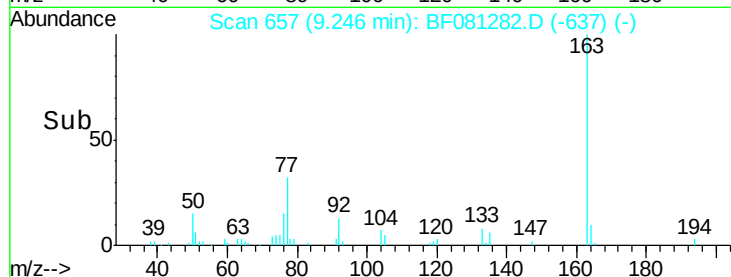
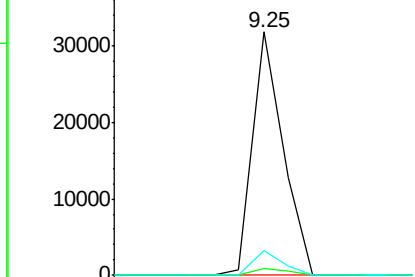
#49
Dimethylphthalate
Concen: 3.65 ng
RT: 9.25 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 30996
Ion Ratio Lower Upper
163 100
194 2.7 2.5 3.7
164 10.2 8.1 12.1

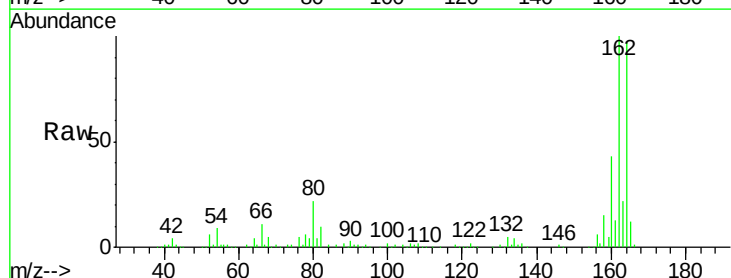


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

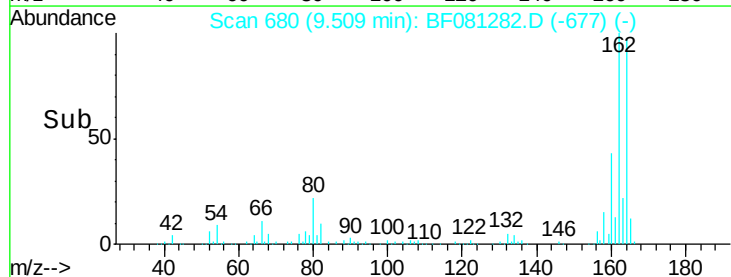
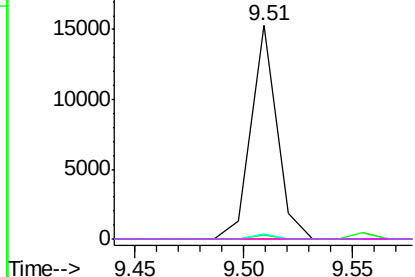


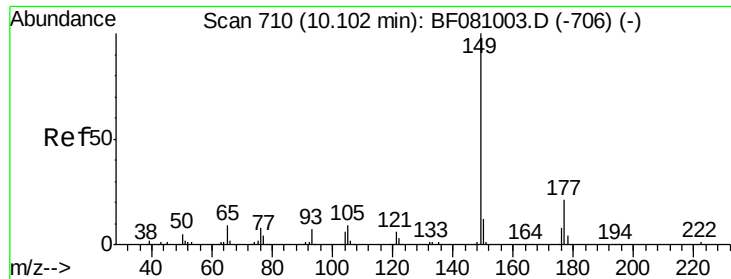
#56
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 9.51 min Scan# 680
Delta R.T. -0.26 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Tgt Ion:165 Resp: 12614
Ion Ratio Lower Upper
165 100
63 2.0 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

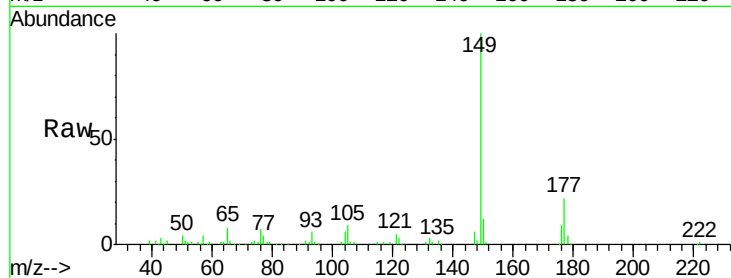




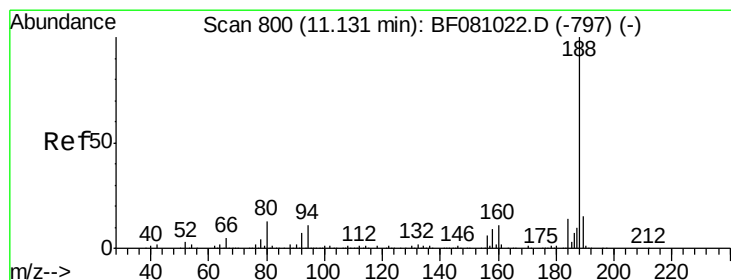
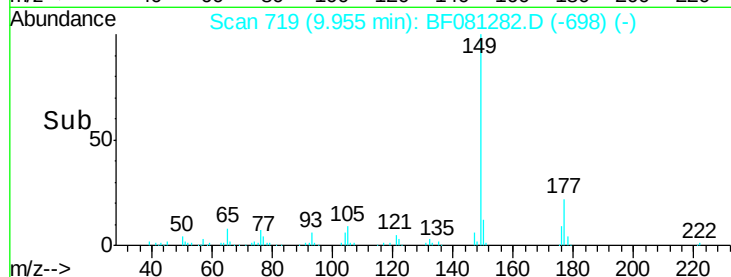
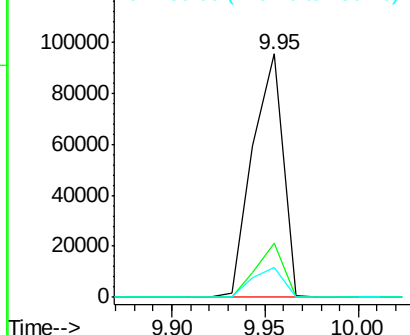
#59
Diethylphthalate
Concen: 12.01 ng
RT: 9.95 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 108044
Ion Ratio Lower Upper
149 100
177 22.0 14.1 21.1#
150 12.1 10.3 15.5

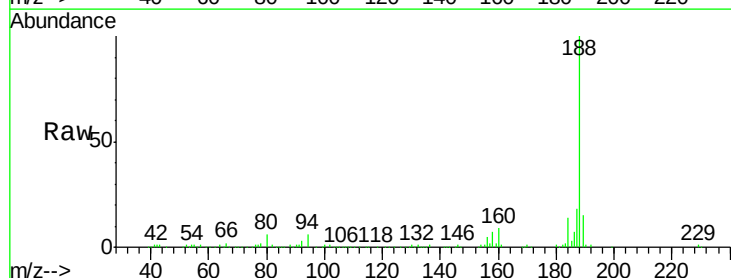


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

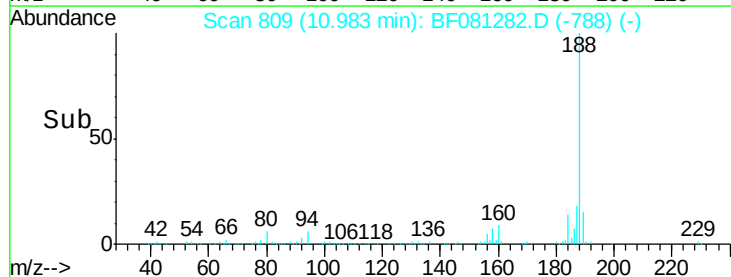
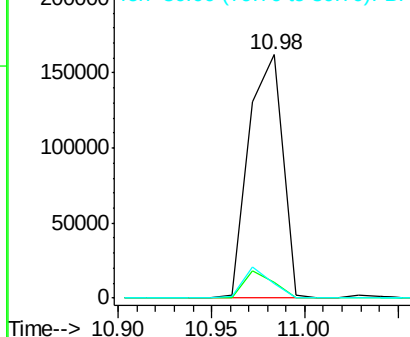


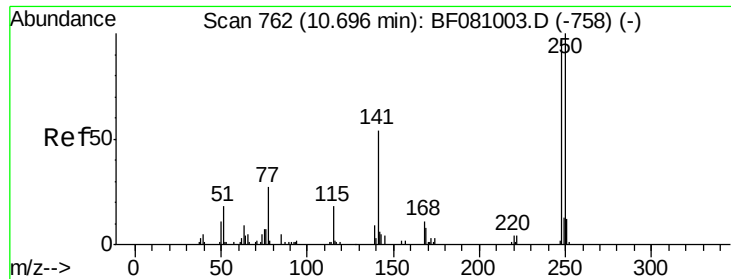
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. -0.06 min
Lab File: BF081282.D
Acq: 29 Aug 2015 20:56

Tgt Ion:188 Resp: 203850
Ion Ratio Lower Upper
188 100
94 6.5 8.2 12.2#
80 6.2 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

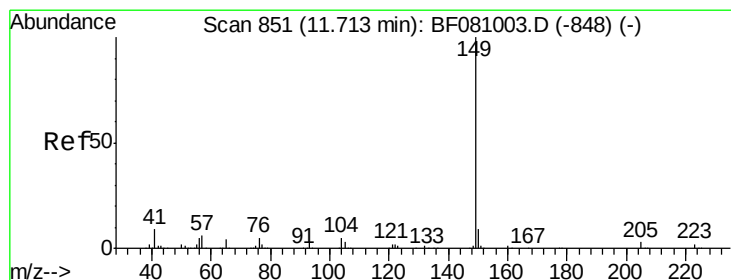
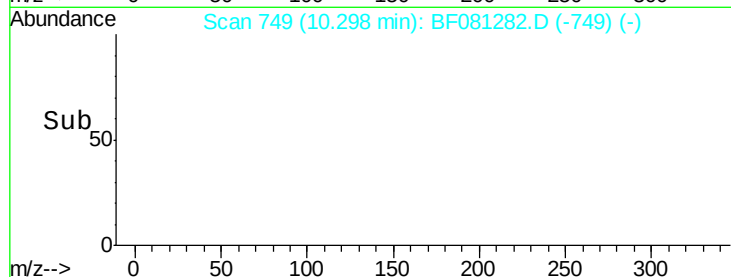
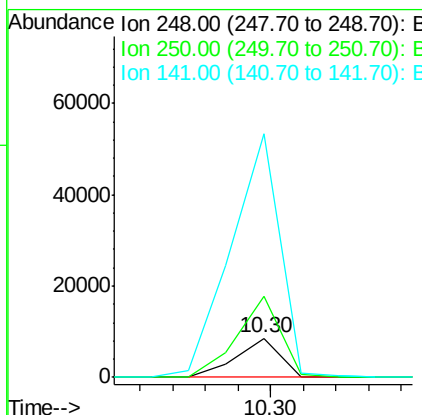
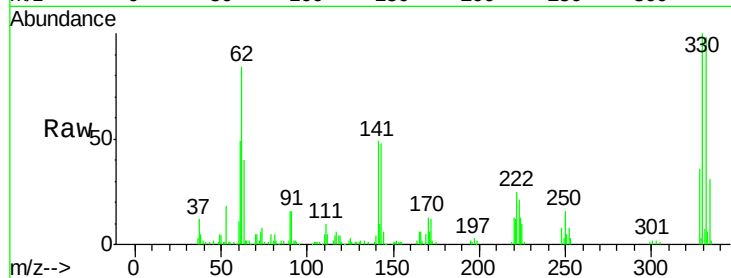




#66
 4-Bromophenyl-phenylether
 Concen: 3.88 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.30 min
 Lab File: BF081282.D
 Acq: 29 Aug 2015 20:56

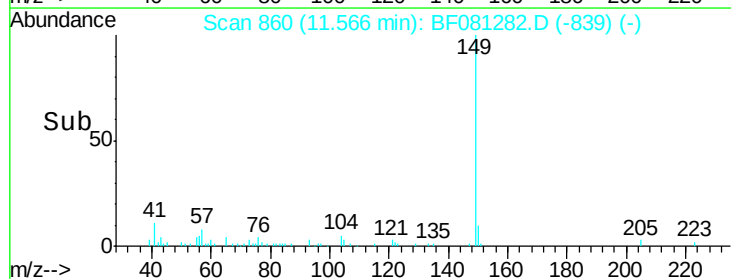
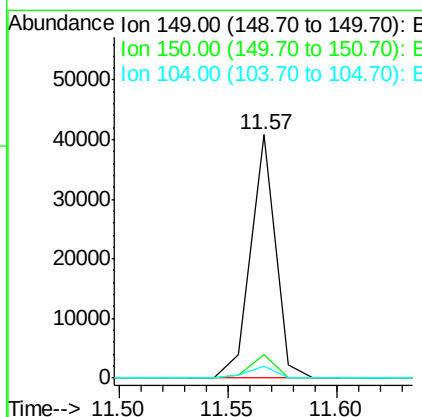
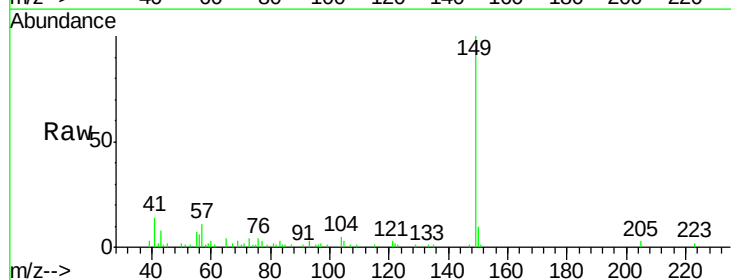
Instrument :
 BNA_F
 ClientSampleId :

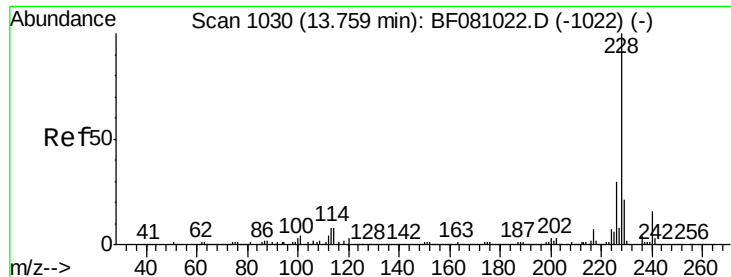
Tot Ion:248 Resp: 7767
 Ion Ratio Lower Upper
 248 100
 250 207.2 77.8 116.6#
 141 626.7 39.8 59.6#



#73
 Di-n-butylphthalate
 Concen: 2.36 ng
 RT: 11.57 min Scan# 860
 Delta R.T. -0.06 min
 Lab File: BF081282.D
 Acq: 29 Aug 2015 20:56

Tgt Ion:149 Resp: 32333
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 4.8 3.9 5.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

Instrument :

BNA_F

ClientSampled :

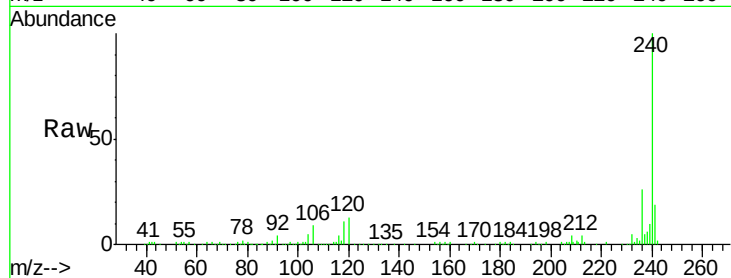
Tot Ion:240 Resp: 172465

Ion Ratio Lower Upper

240 100

120 12.8 5.6 8.4#

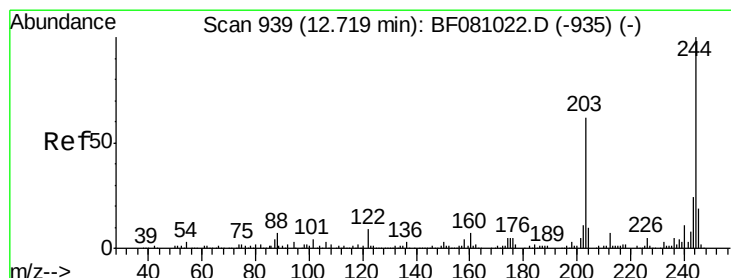
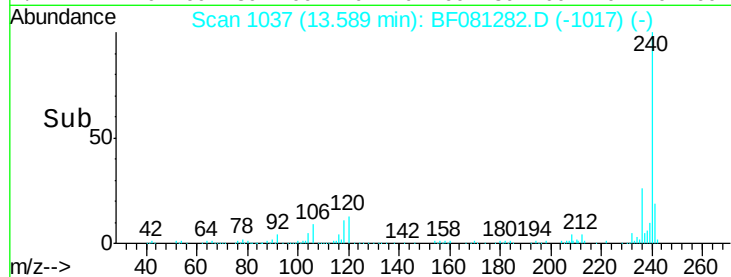
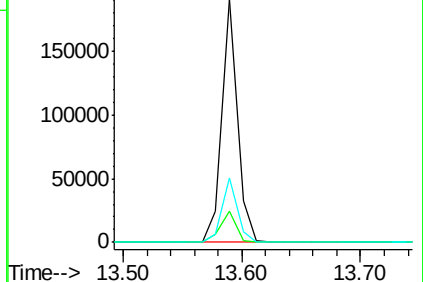
236 26.3 20.6 30.8



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: 58.70 ng

RT: 12.56 min Scan# 947

Delta R.T. -0.07 min

Lab File: BF081282.D

Acq: 29 Aug 2015 20:56

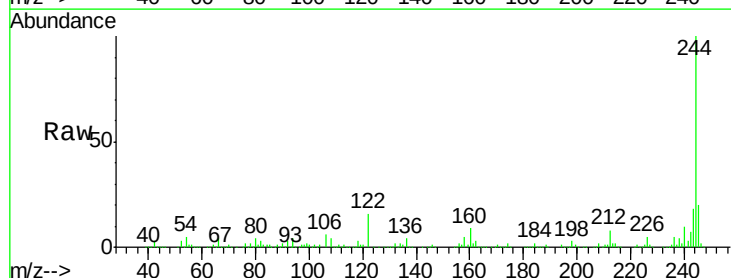
Tgt Ion:244 Resp: 472267

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

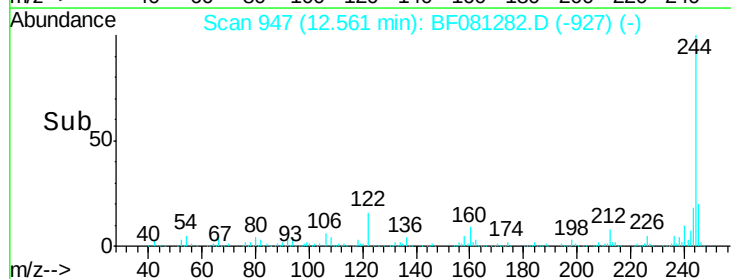
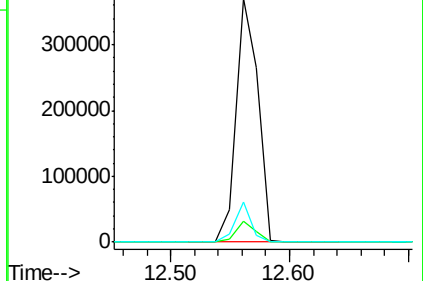
122 16.3 8.2 12.4#

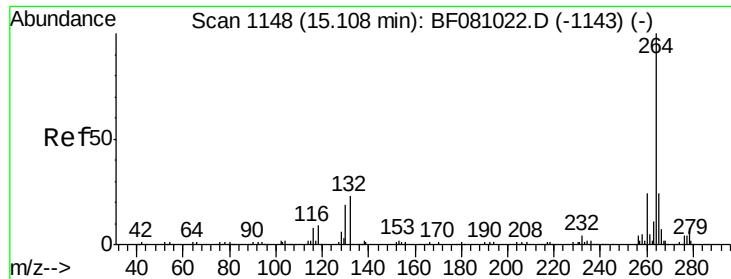


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081282.D
 Acq: 29 Aug 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.1	17.5	26.3

