

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085357.D
 Acq On : 11 Mar 2016 2:41
 Operator : UM/SJ
 Sample : H1623-04RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 04:35:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

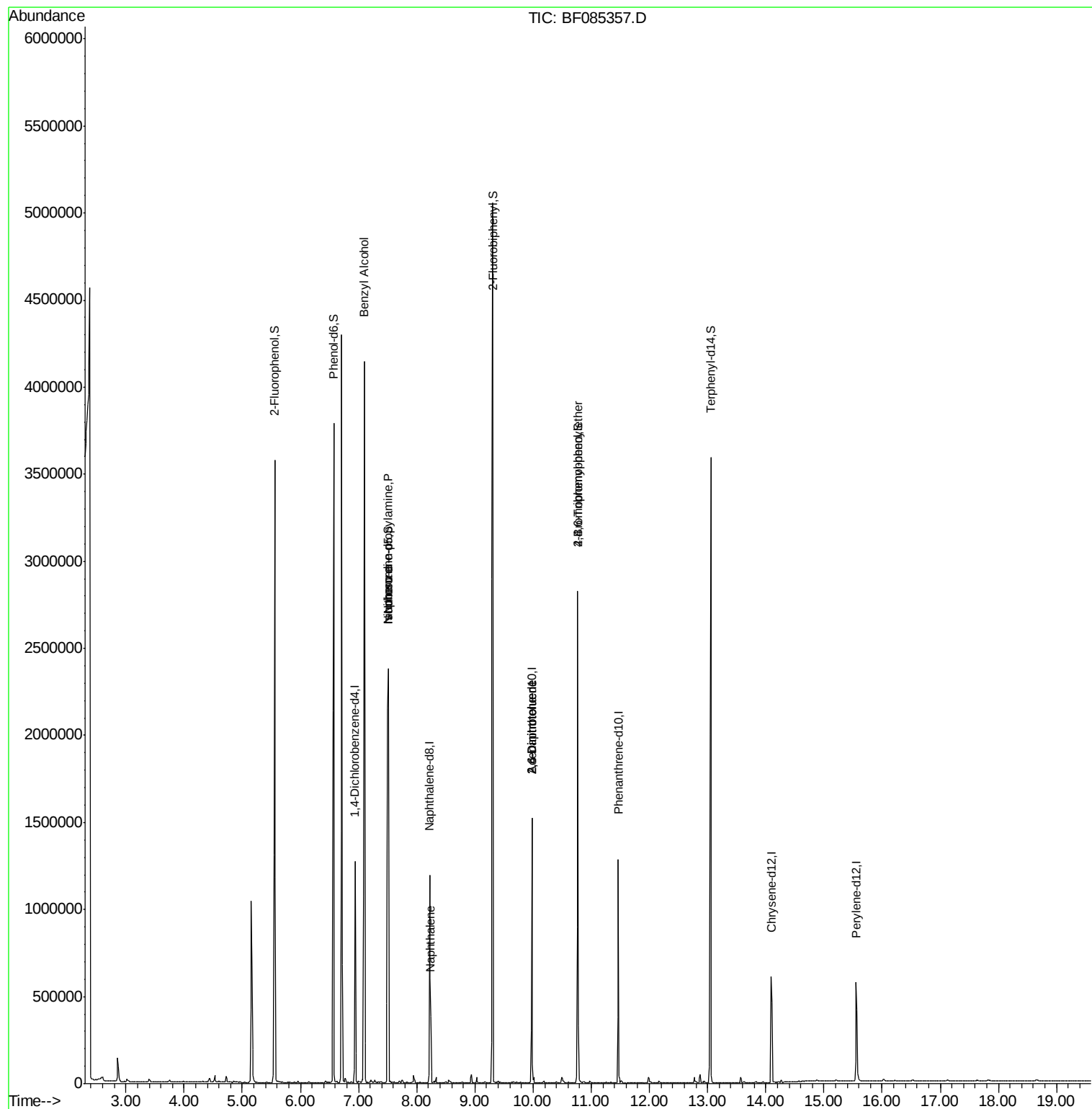
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	169251	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	627855	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	283718	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	466912	20.00	ng	0.00
75) Chrysene-d12	14.09	240	277354	20.00	ng	-0.01
86) Perylene-d12	15.56	264	288885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1297283	128.57	ng	0.01
7) Phenol-d6	6.57	99	1610760	121.85	ng	0.00
23) Nitrobenzene-d5	7.51	82	1213346	103.41	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	337671	139.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1873227	100.41	ng	0.00
78) Terphenyl-d14	13.05	244	1333940	111.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	19482	2.01	ng	# 47
19) n-Nitroso-di-n-propylamine	7.51	70	159027	18.46	ng	# 72
25) Isophorone	7.51	82	1209012	55.60	ng	# 67
31) Naphthalene	8.24	128	155903	5.05	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	36431	7.82	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	36425	6.11	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	23934	5.28	ng	# 1

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

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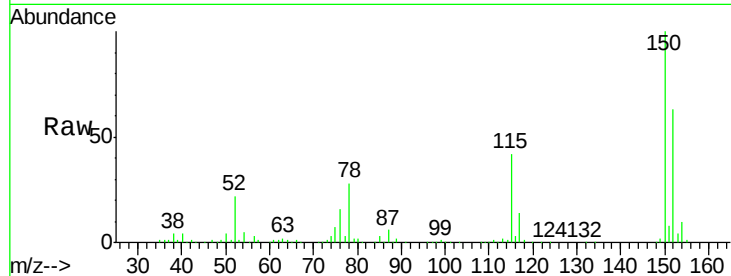


#1

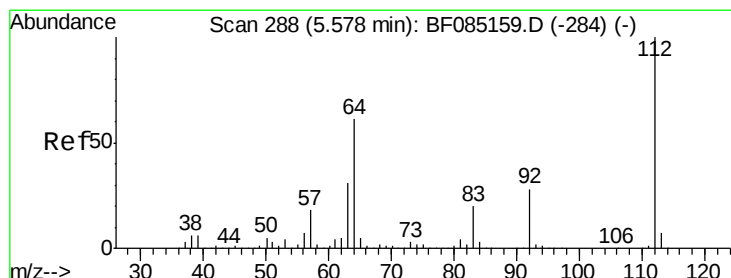
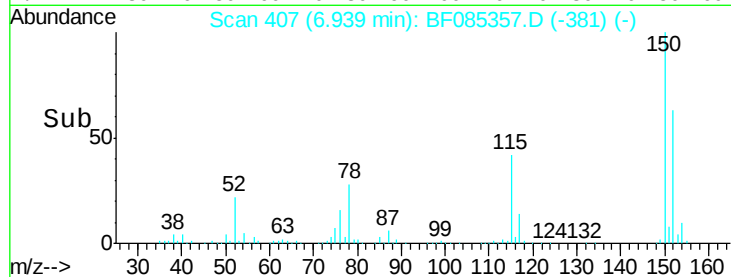
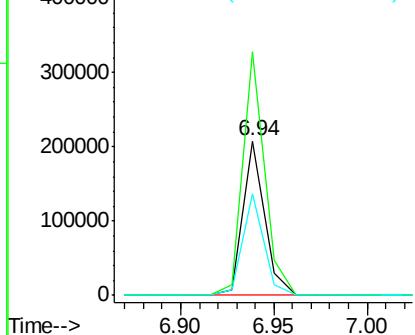
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169251
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 65.9 46.6 70.0



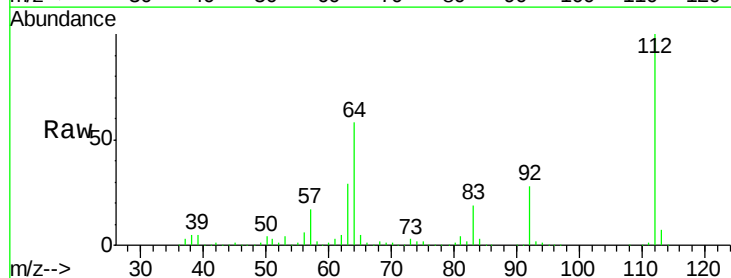
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



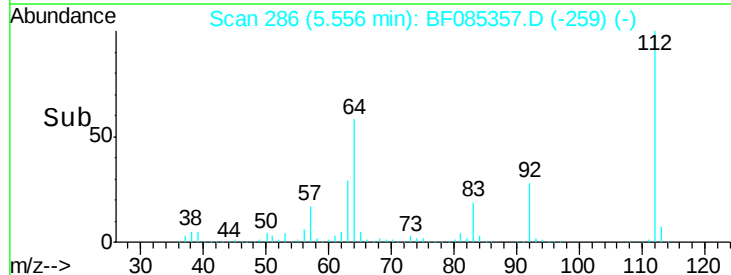
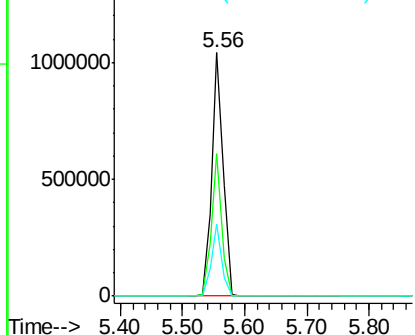
#5

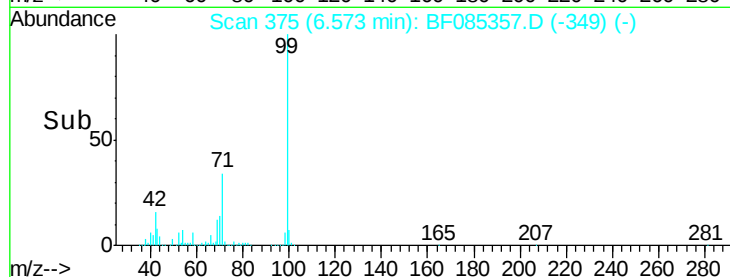
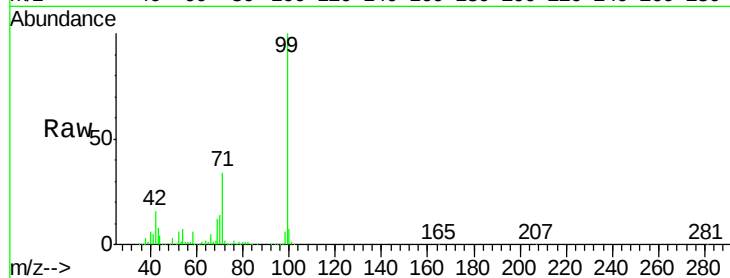
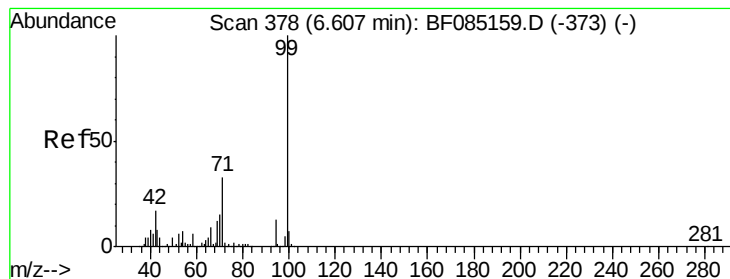
2-Fluorophenol
Concen: 128.57 ng
RT: 5.56 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion:112 Resp: 1297283
Ion Ratio Lower Upper
112 100
64 58.4 49.0 73.4
63 29.5 24.8 37.2



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: 121.85 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Instrument :

BNA_F

ClientSampleId :

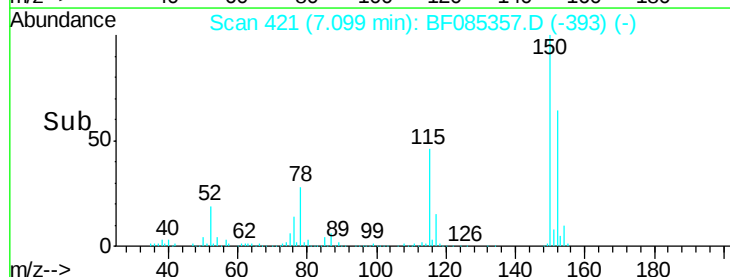
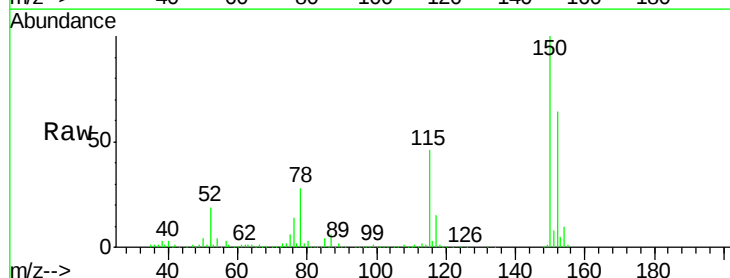
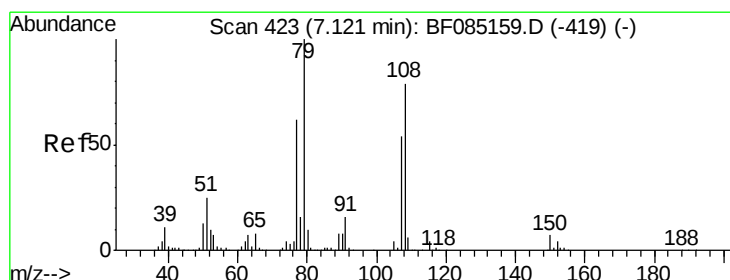
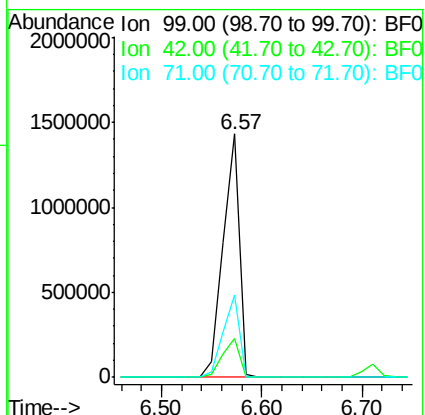
Tot Ion: 99 Resp: 1610760

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.7 26.7 40.1



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.10 min Scan# 421

Delta R.T. 0.02 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

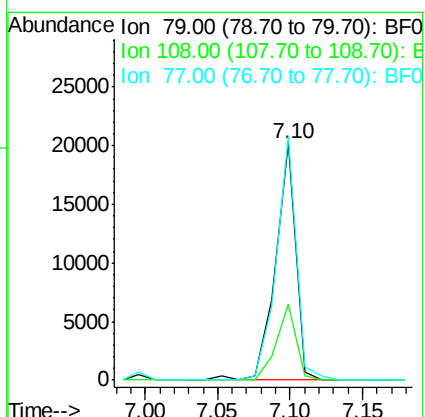
Tgt Ion: 79 Resp: 19482

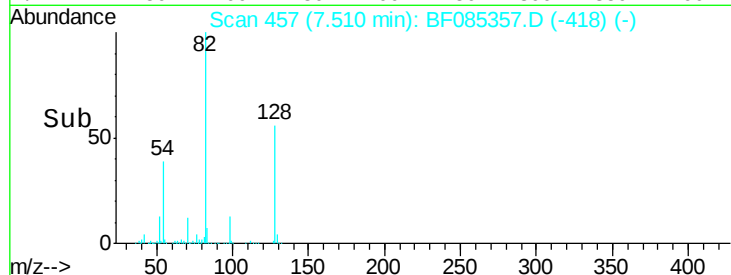
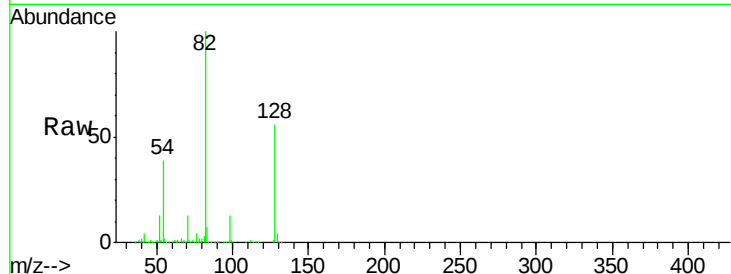
Ion Ratio Lower Upper

79 100

108 32.1 62.9 94.3#

77 102.8 49.5 74.3#

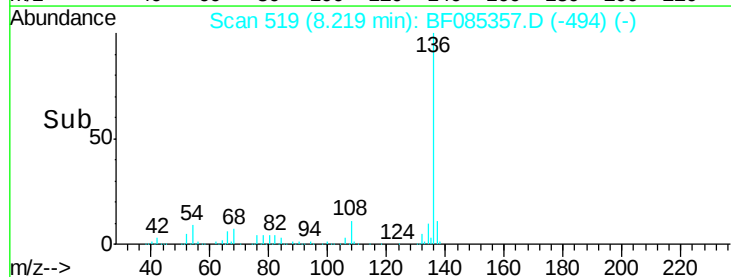
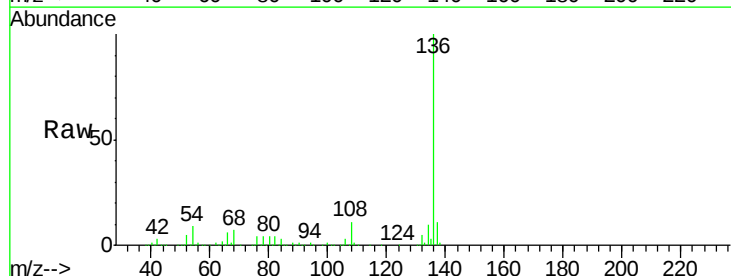
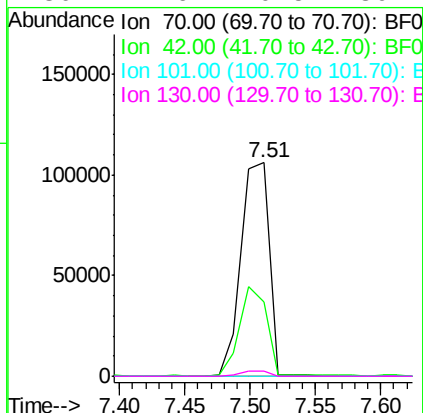




#19
n-Nitroso-di-n-propylamine
Concen: 18.46 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

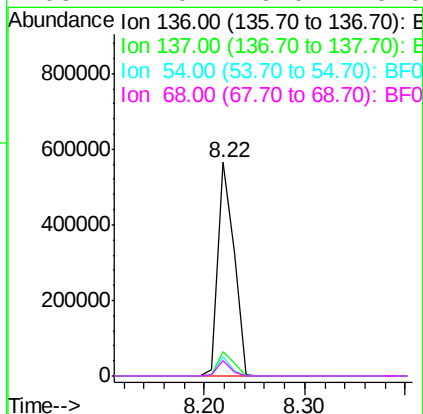
Instrument :
BNA_F
ClientSampleId :

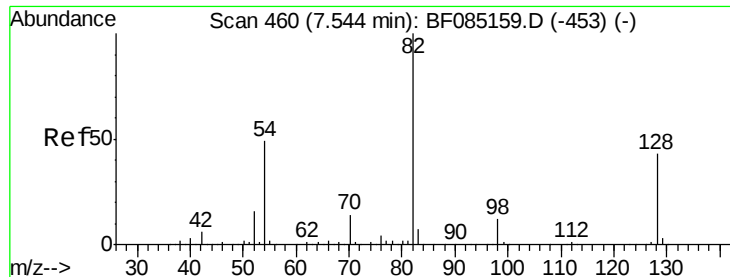
Tot Ion	Ratio	Lower	Upper
70	100		
42	34.5	37.7	56.5#
101	0.0	8.2	12.4#
130	2.6	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.0	7.4	11.2
68	7.0	6.0	9.0

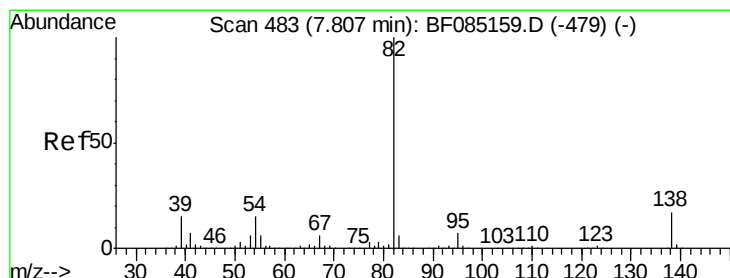
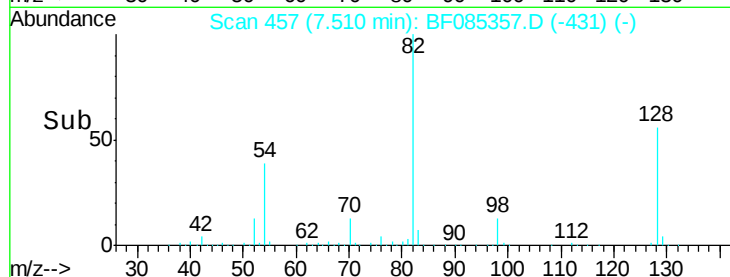
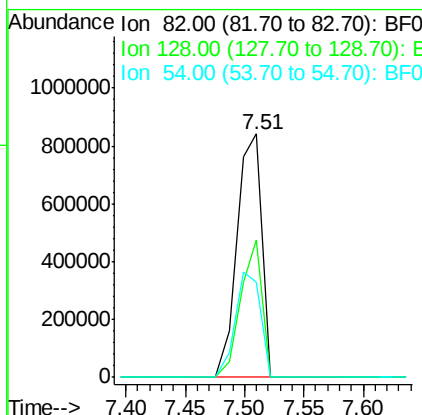
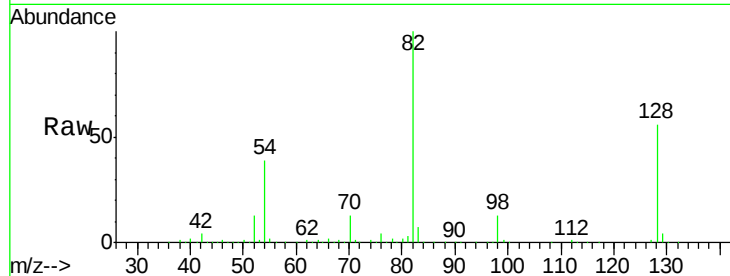




#23
Nitrobenzene-d5
Concen: 103.41 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

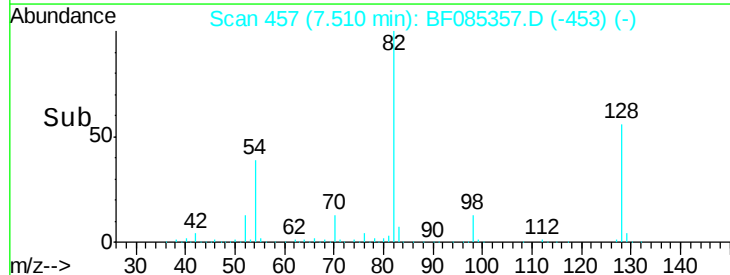
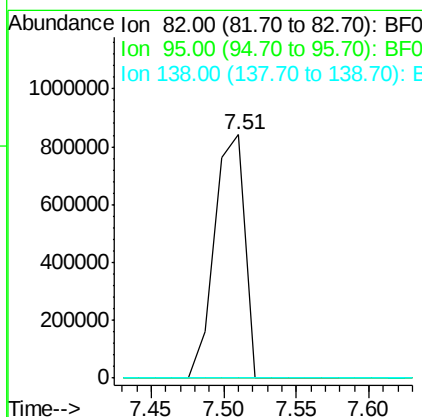
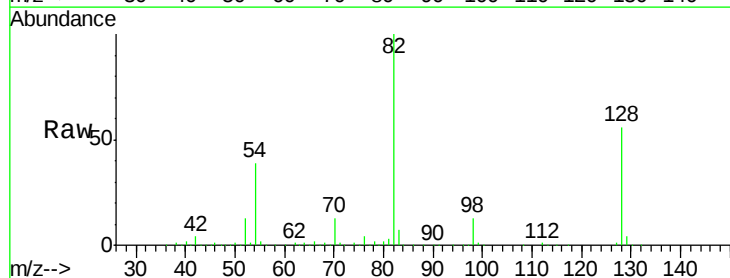
Instrument :
BNA_F
ClientSampleId :

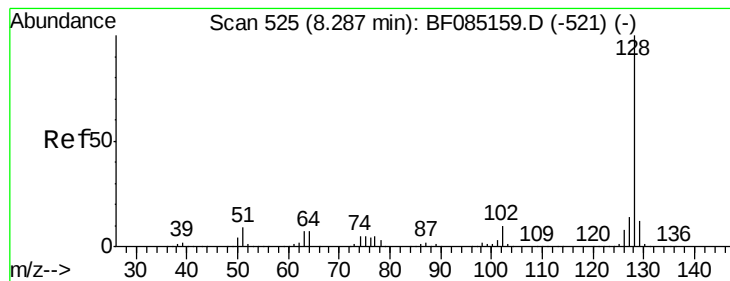
Tot Ion: 82 Resp: 1213346
Ion Ratio Lower Upper
82 100
128 56.3 34.5 51.7#
54 39.1 39.3 58.9#



#25
Isophorone
Concen: 55.60 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.25 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion: 82 Resp: 1209012
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.3 19.9#





#31

Naphthalene

Concen: 5.05 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Instrument :

BNA_F

ClientSampled :

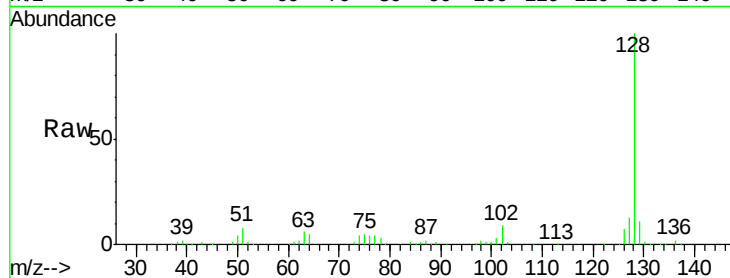
Tot Ion:128 Resp: 155903

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

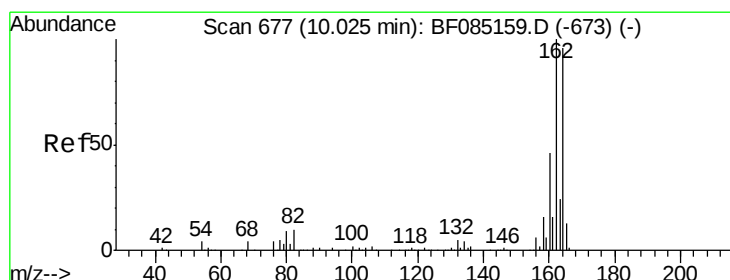
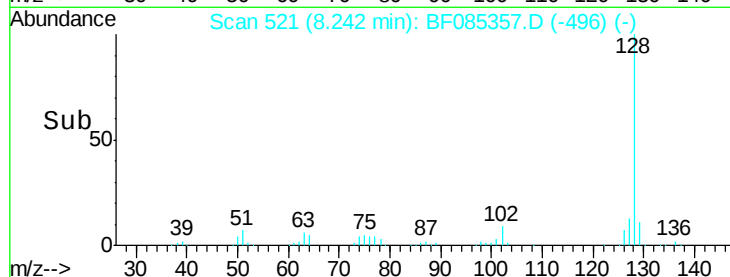
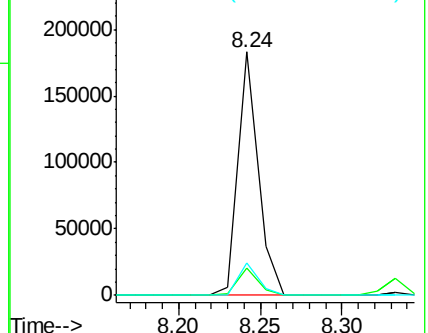
127 13.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

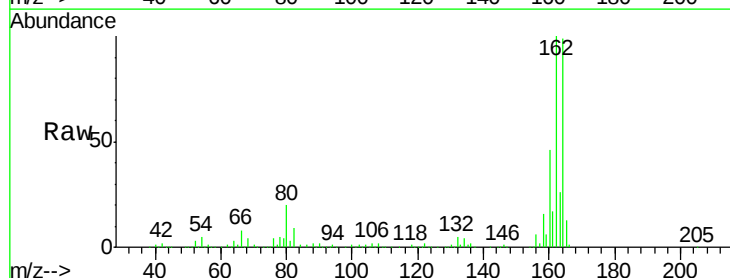
Tgt Ion:164 Resp: 283718

Ion Ratio Lower Upper

164 100

162 101.0 83.3 124.9

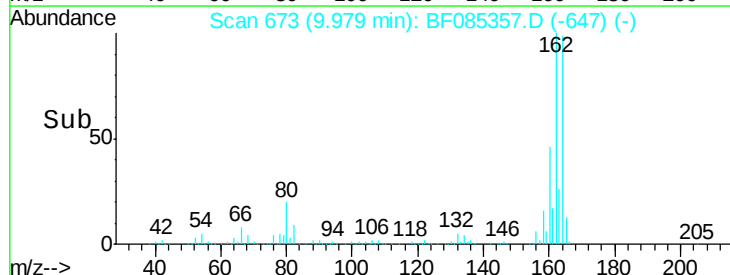
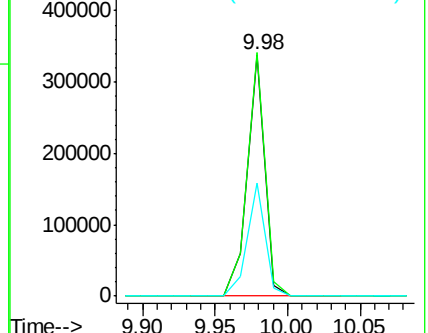
160 46.8 37.9 56.9

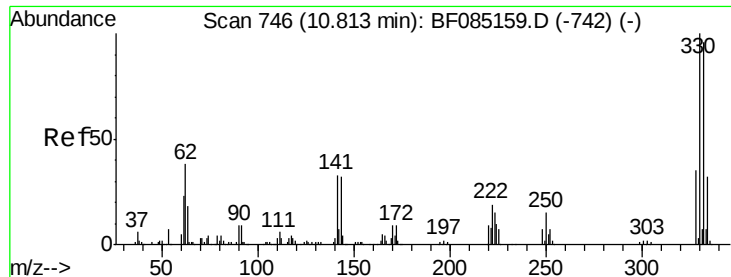


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

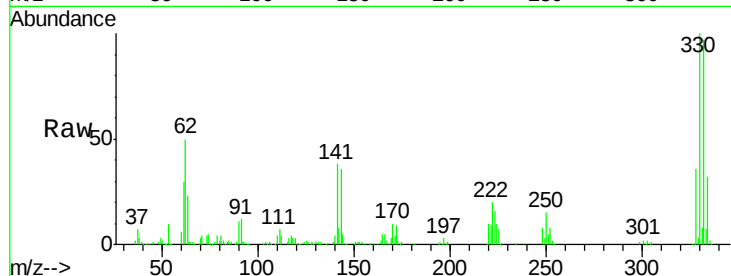




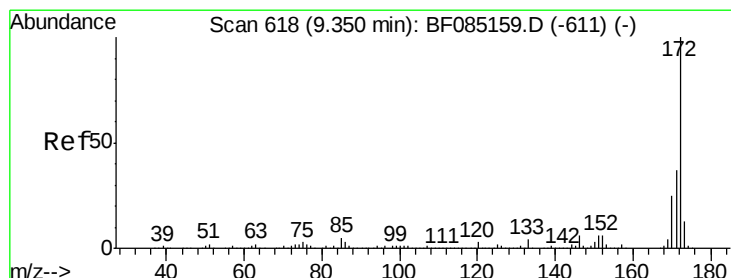
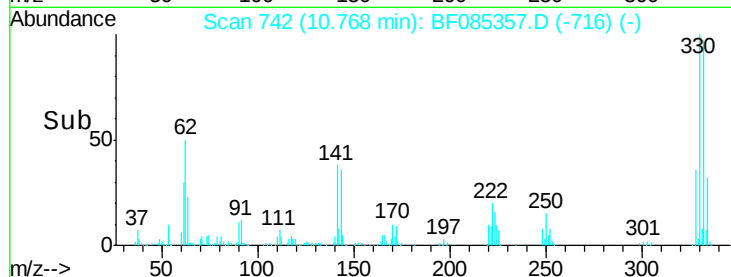
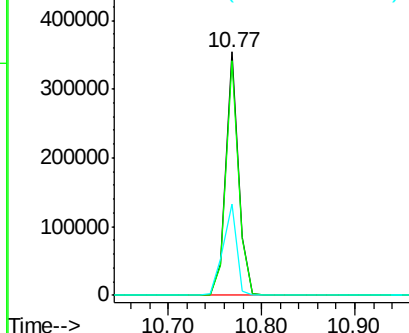
#41
 2,4,6-Tribromophenol
 Concen: 139.09 ng
 RT: 10.77 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 337671
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 39.9 35.0 52.6

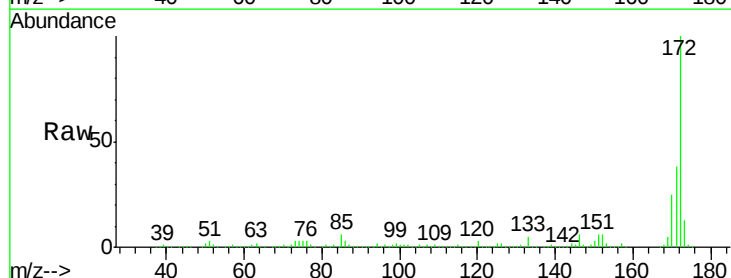


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

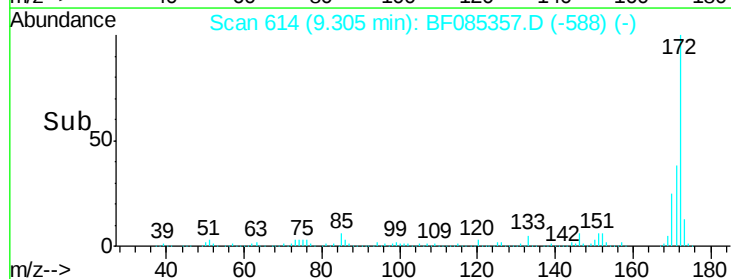
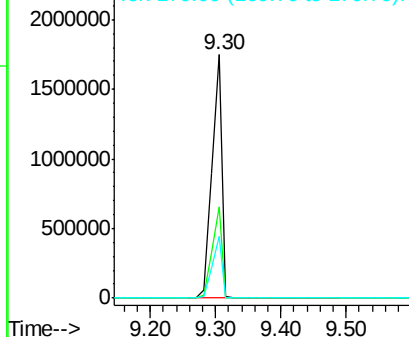


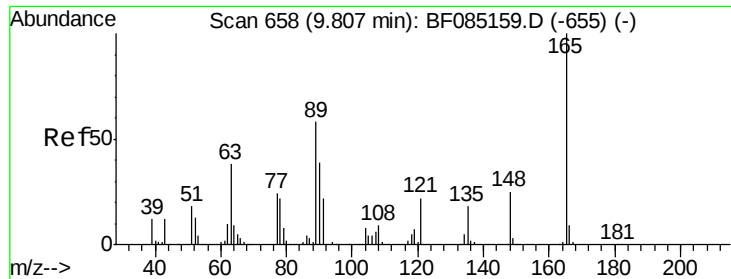
#44
 2-Fluorobiphenyl
 Concen: 100.41 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Tgt Ion:172 Resp: 1873227
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.3 43.9
 170 25.3 20.0 30.0



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

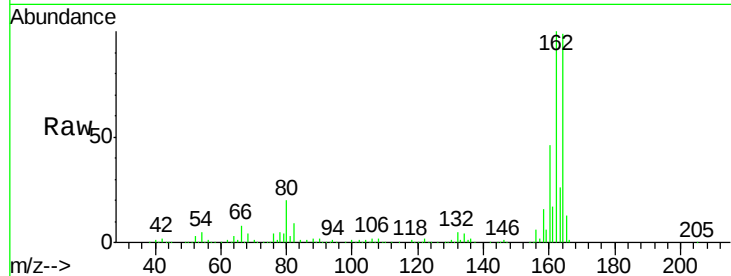




#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.22 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

Instrument :
 BNA_F
 ClientSampled :

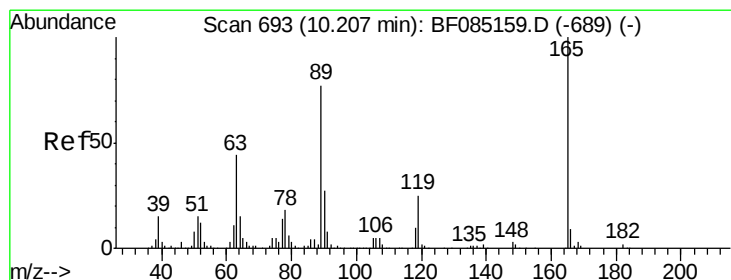
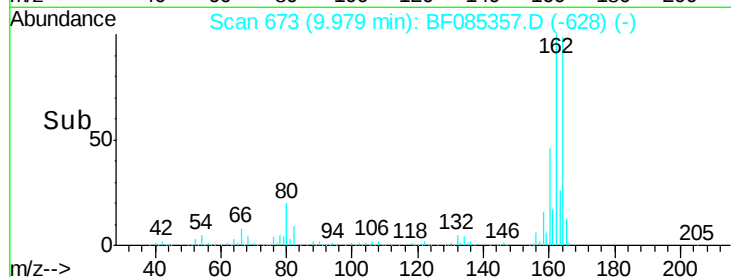
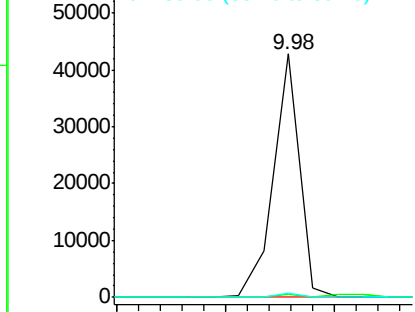
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.8	62.8#
89	1.6	46.7	70.1#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.18 min
 Lab File: BF085357.D
 Acq: 11 Mar 2016 2:41

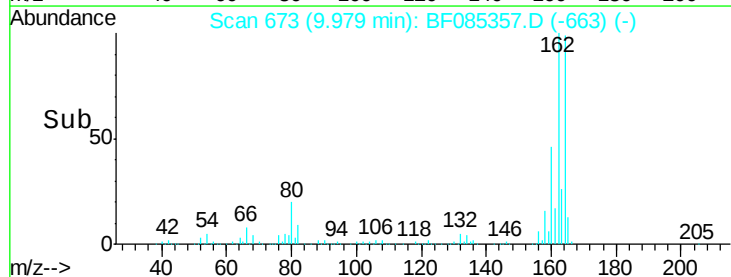
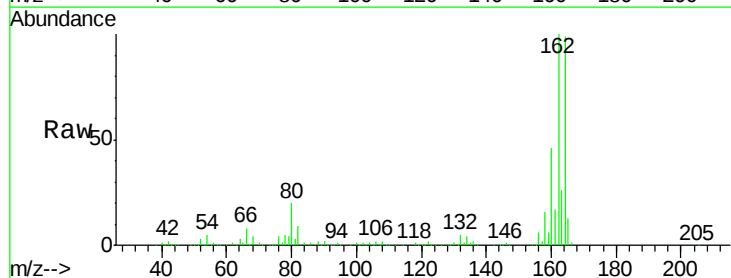
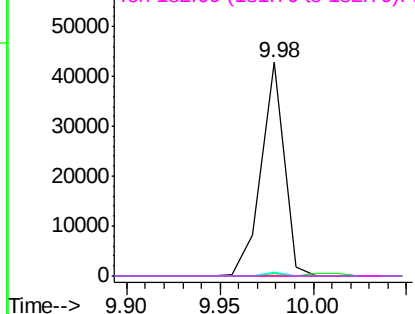
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#

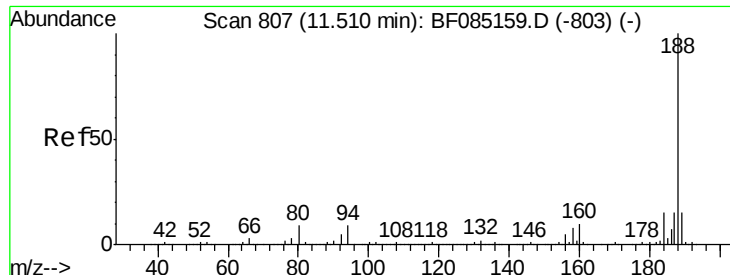
Abundance Ion 165.00 (164.70 to 165.70): E

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

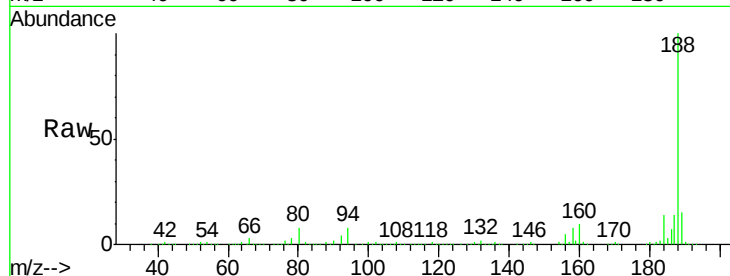




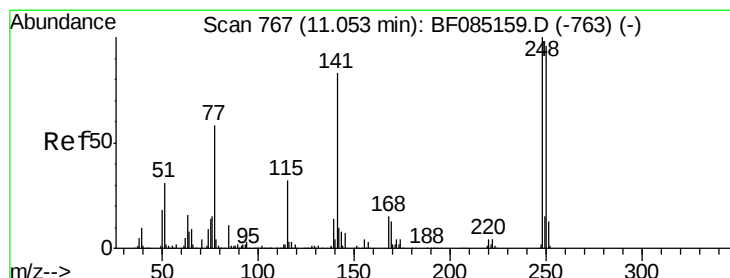
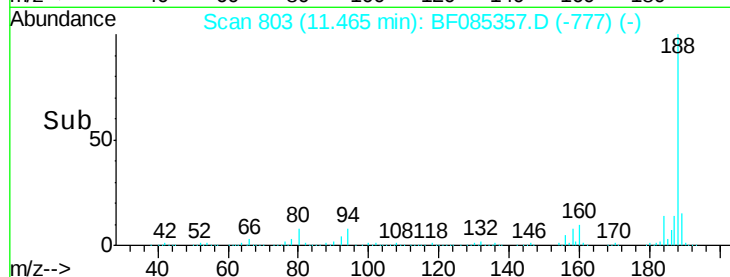
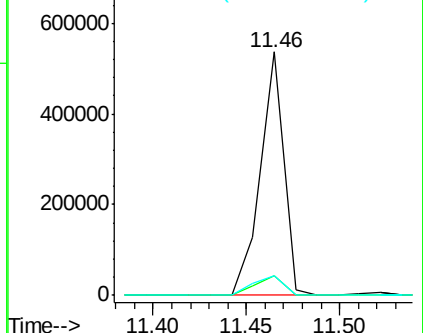
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 466912
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.3 7.4 11.0

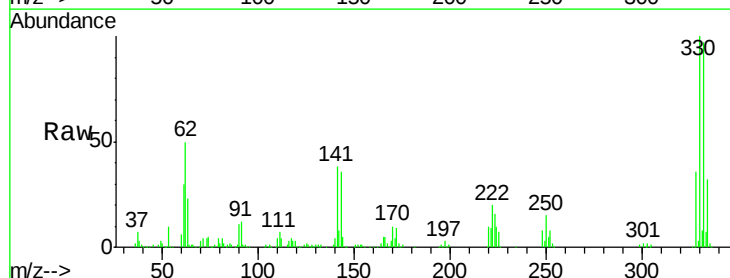


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

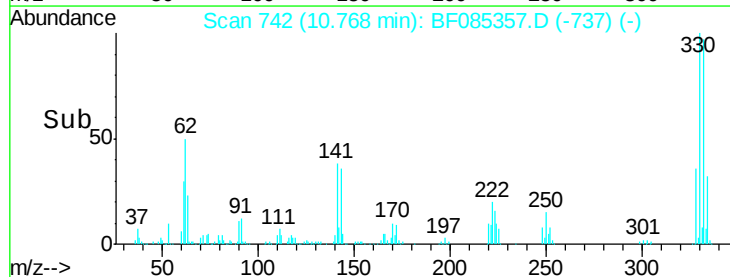
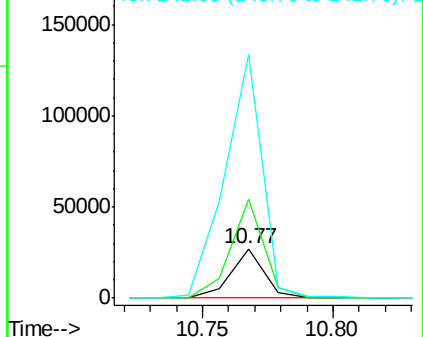


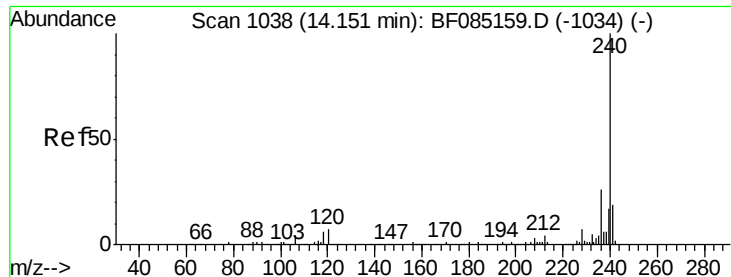
#66
4-Bromophenyl-phenylether
Concen: 5.28 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Tgt Ion:248 Resp: 23934
Ion Ratio Lower Upper
248 100
250 202.1 77.1 115.7#
141 496.3 66.2 99.2#



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: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

Instrument :

BNA_F

ClientSampleId :

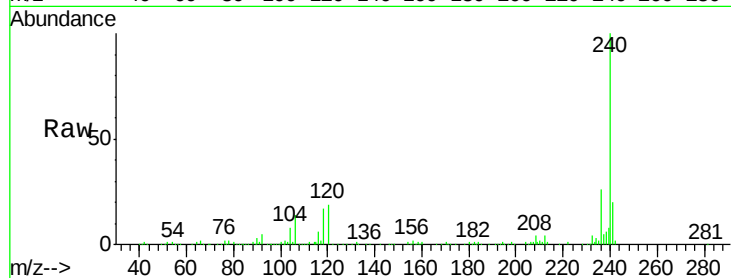
Tot Ion:240 Resp: 277354

Ion Ratio Lower Upper

240 100

120 19.3 5.3 7.9#

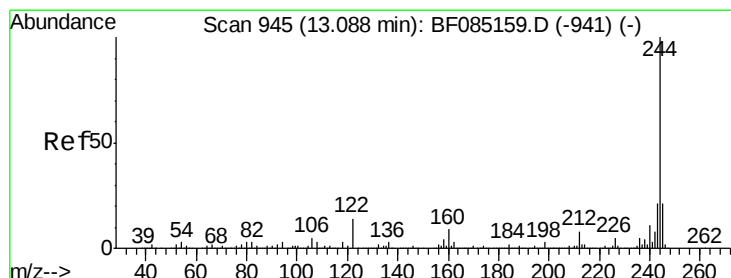
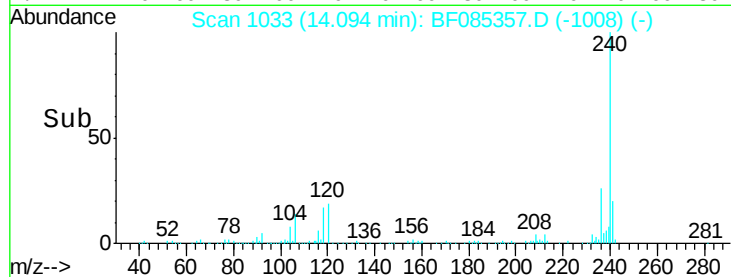
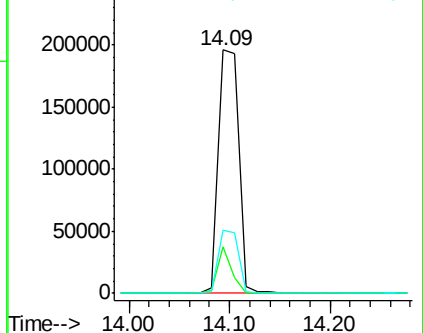
236 25.9 20.7 31.1



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: 111.65 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085357.D

Acq: 11 Mar 2016 2:41

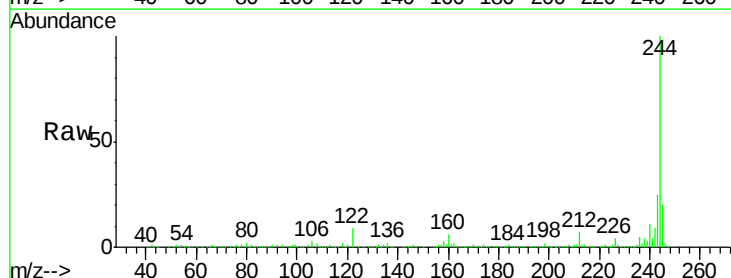
Tgt Ion:244 Resp: 1333940

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

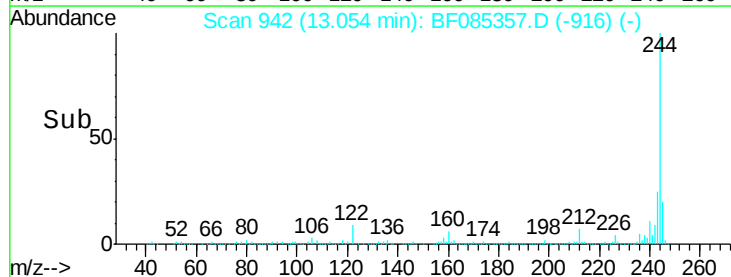
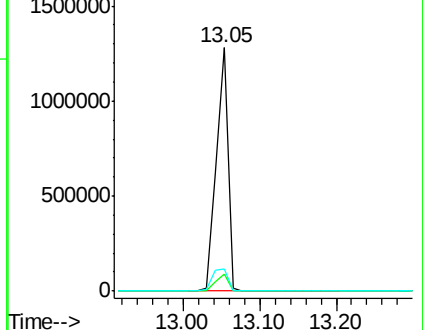
122 9.1 11.4 17.2#

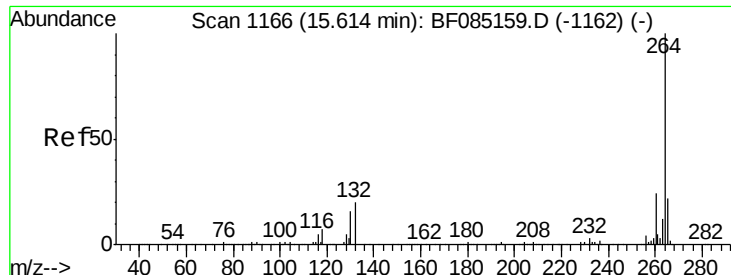


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

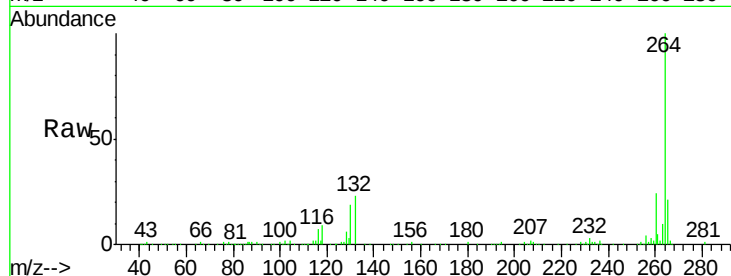




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085357.D
Acq: 11 Mar 2016 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

