

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085756.D
 Acq On : 25 Mar 2016 11:48
 Operator : UM/SJ
 Sample : H1858-03RE
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:11:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

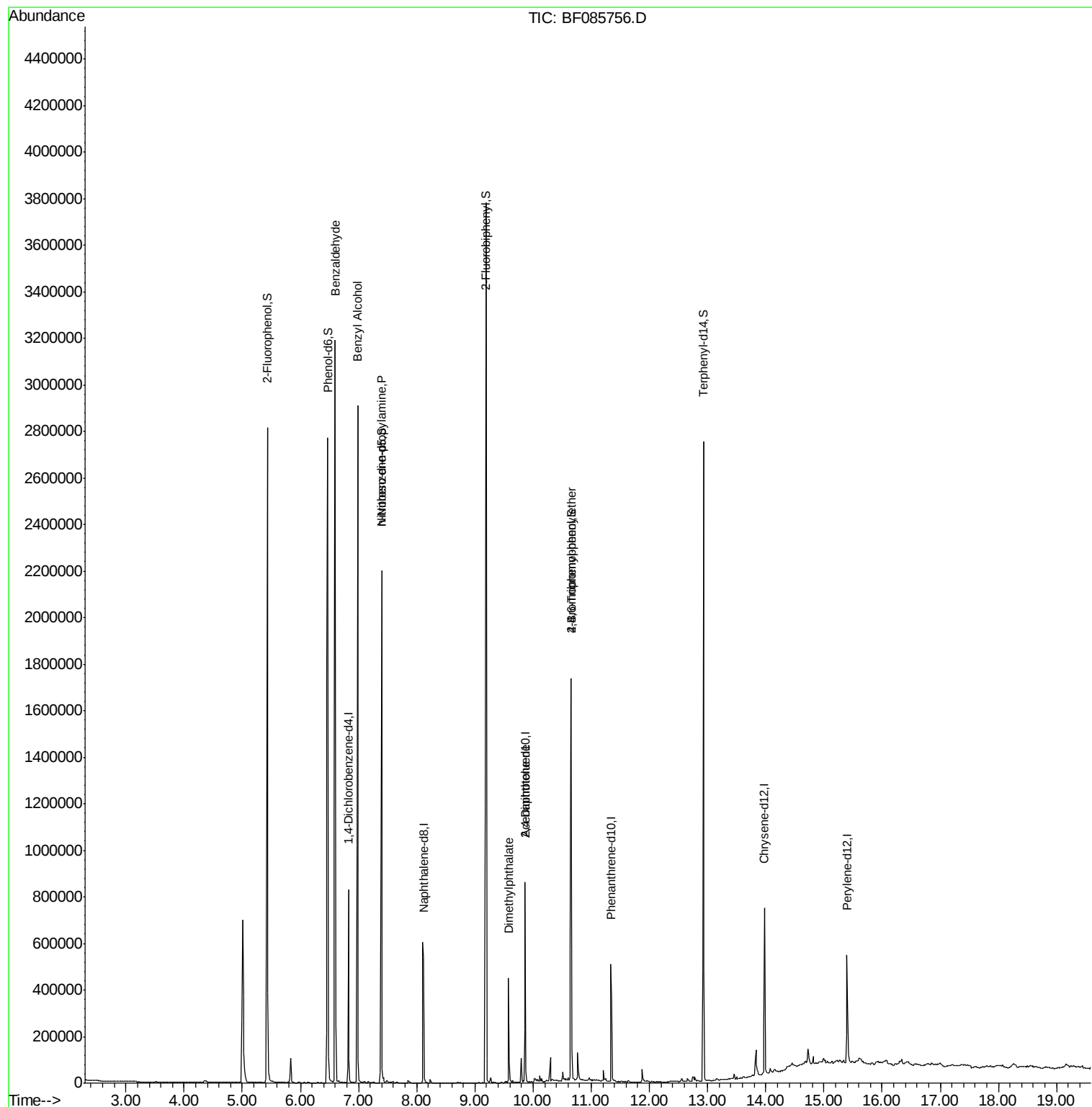
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	116302	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	414711	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	166775	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	243682	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	236709	20.00	ng	0.00
86) Perylene-d12	15.40	264	205688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938046	134.33	ng	0.02
7) Phenol-d6	6.47	99	1278354	143.98	ng	0.01
23) Nitrobenzene-d5	7.40	82	837945	113.78	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	210428	132.80	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1178024	118.01	ng	0.00
78) Terphenyl-d14	12.93	244	839645	72.95	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	21412	4.00	ng	83
15) Benzyl Alcohol	6.98	79	13245	2.24	ng	# 48
19) n-Nitroso-di-n-propylamine	7.40	70	110813	20.84	ng	# 77
37) 2-Methylnaphthalene	8.82	142	401	Below Cal		# 60
49) Dimethylphthalate	9.58	163	166423	13.15	ng	99
56) 2,4-Dinitrotoluene	9.86	165	21187	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	15553	6.24	ng	# 1

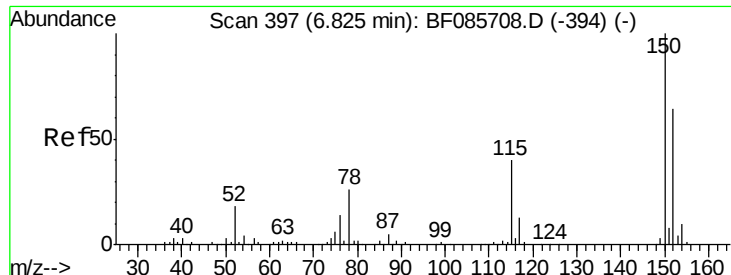
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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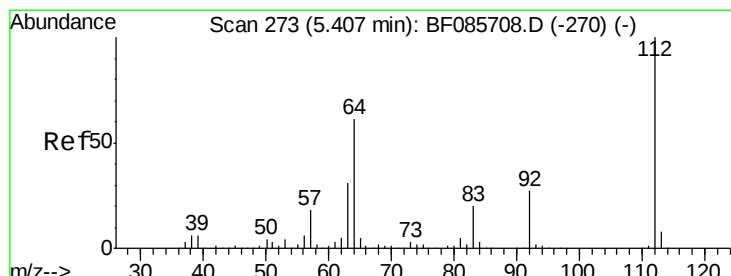
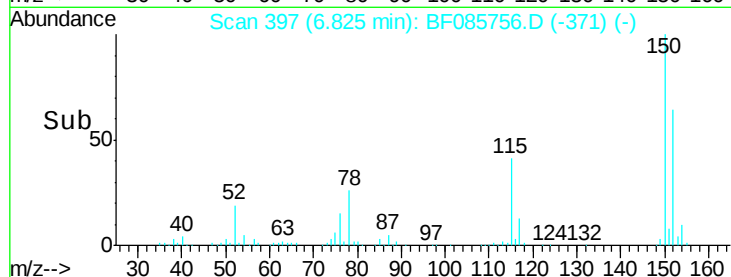
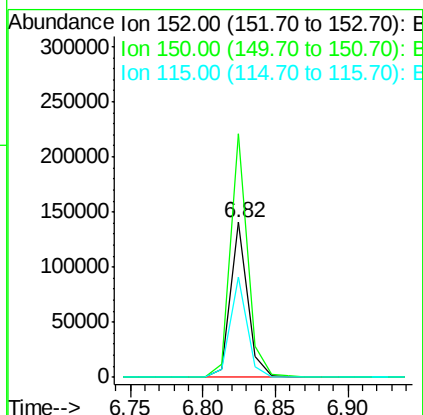
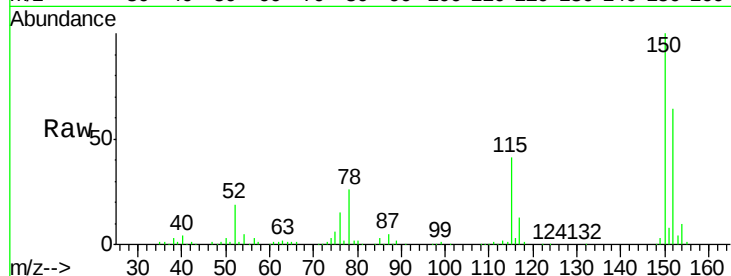


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Instrument :
BNA_F
ClientSampleId :

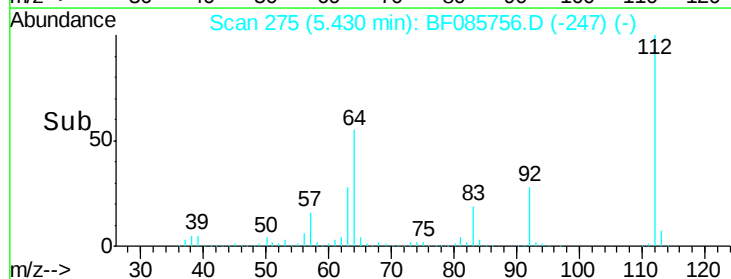
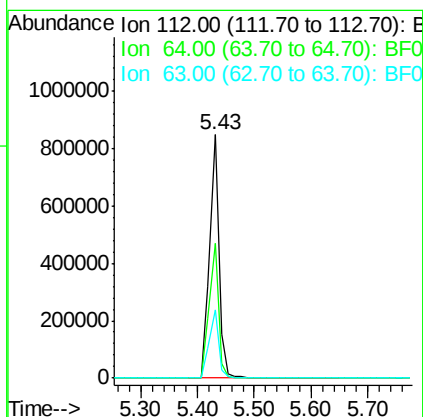
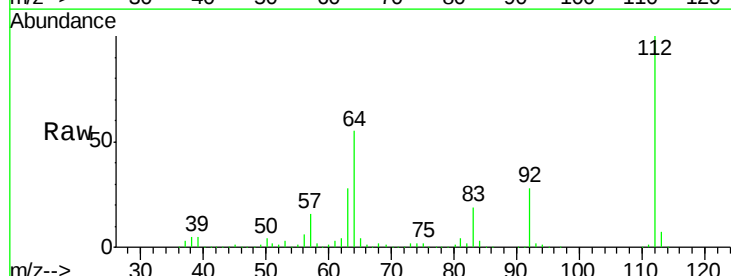
Tot Ion:152 Resp: 116302
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 64.7 47.0 70.6

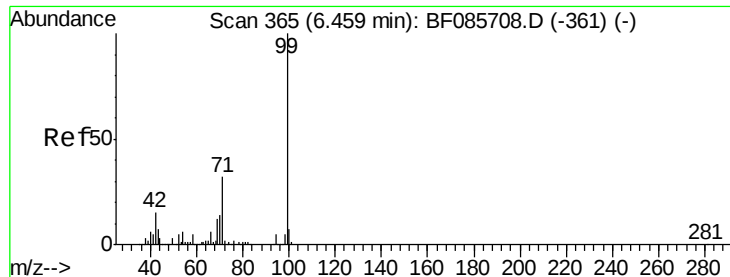


#5

2-Fluorophenol
Concen: 134.33 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion:112 Resp: 938046
Ion Ratio Lower Upper
112 100
64 55.2 39.9 59.9
63 28.0 20.2 30.2





#7

Phenol-d6

Concen: 143.98 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085756.D

Acq: 25 Mar 2016 11:48

Instrument :

BNA_F

ClientSampled :

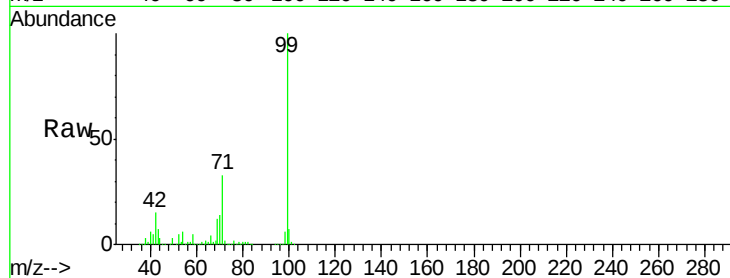
Tot Ion: 99 Resp: 1278354

Ion Ratio Lower Upper

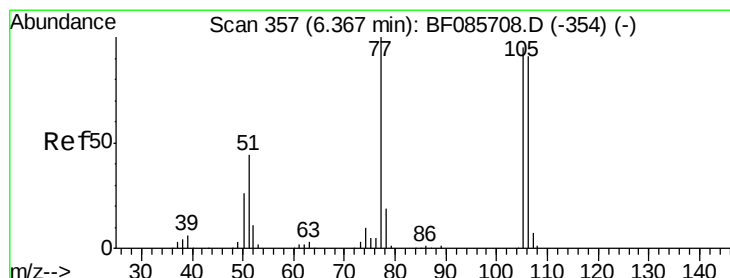
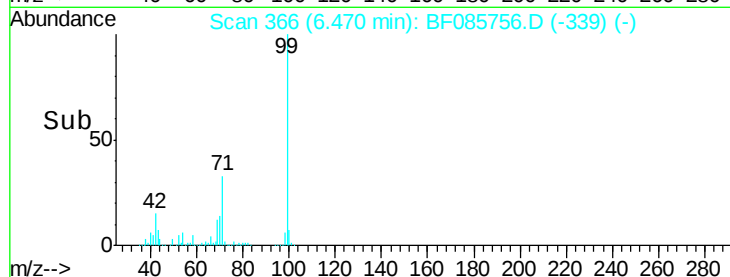
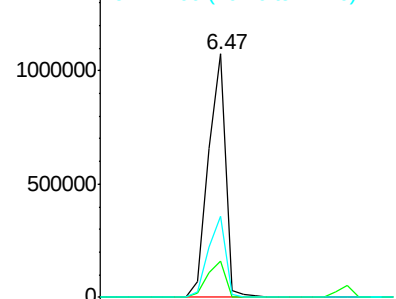
99 100

42 14.8 11.1 16.7

71 33.3 24.9 37.3



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

Benzaldehyde

Concen: 4.00 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085756.D

Acq: 25 Mar 2016 11:48

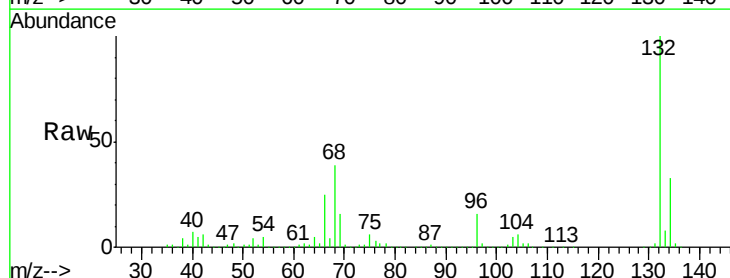
Tgt Ion: 77 Resp: 21412

Ion Ratio Lower Upper

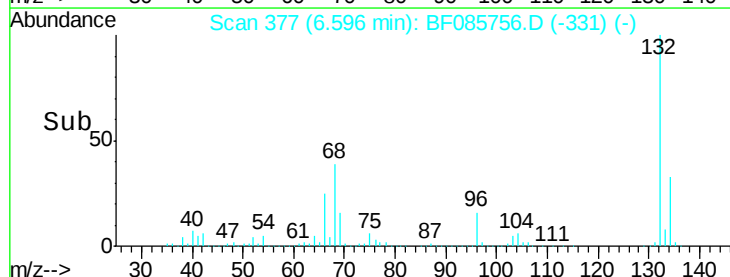
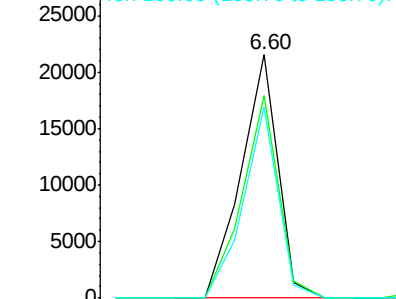
77 100

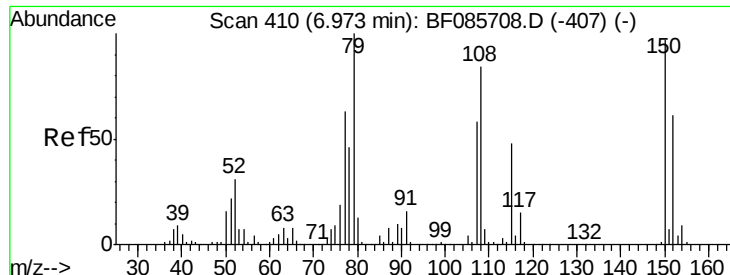
105 83.2 80.1 120.1

106 78.7 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

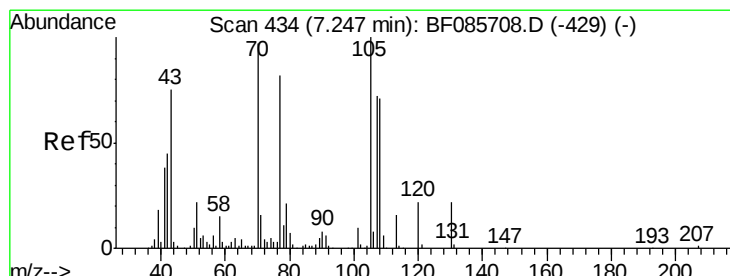
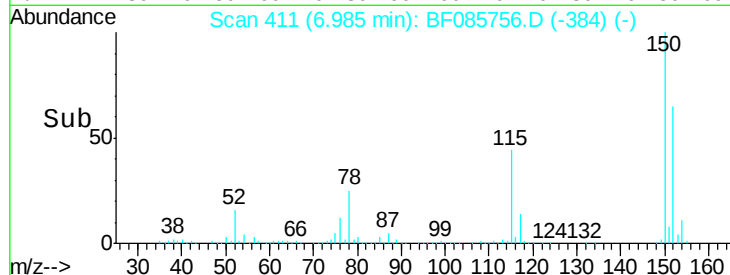
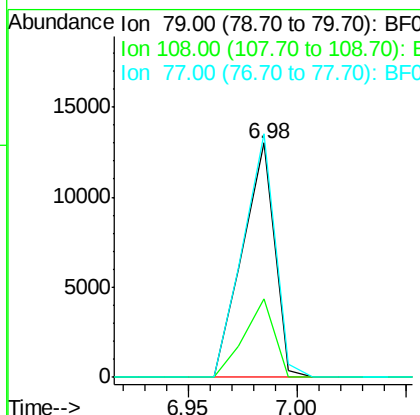
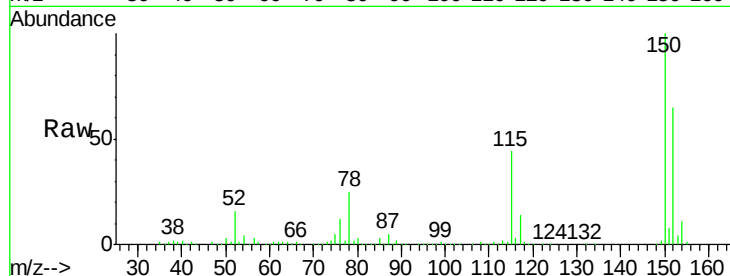




#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

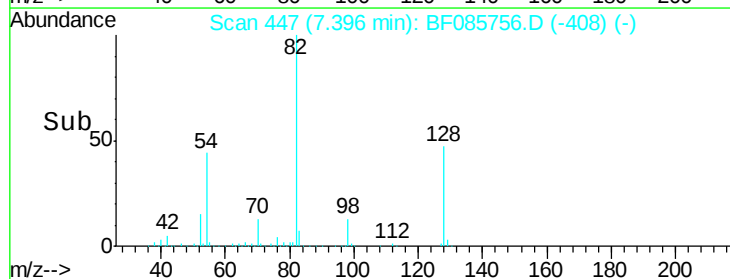
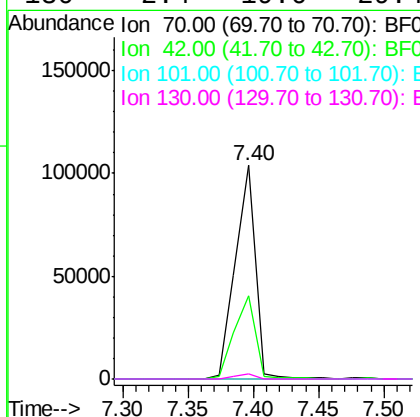
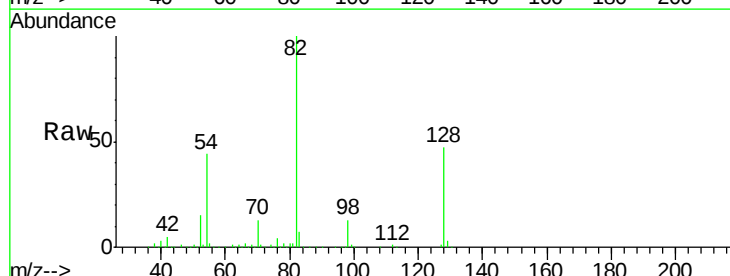
Instrument :
BNA_F
ClientSampleId :

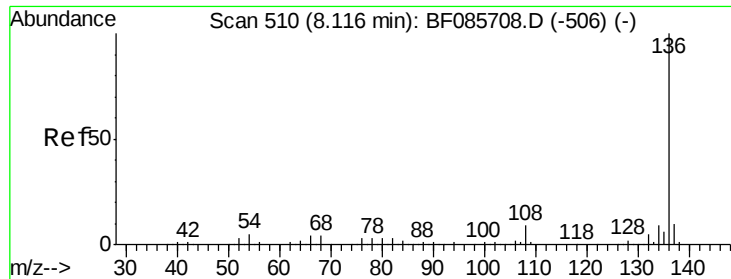
Tot Ion	Ratio	Lower	Upper
79	100		
108	33.7	61.8	92.6#
77	104.0	49.6	74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.84 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.2	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#

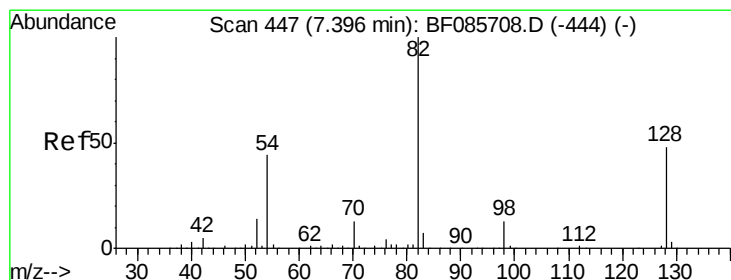
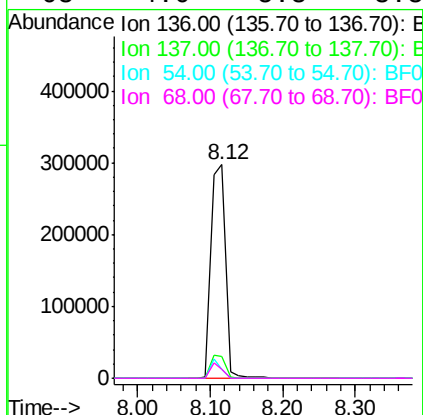
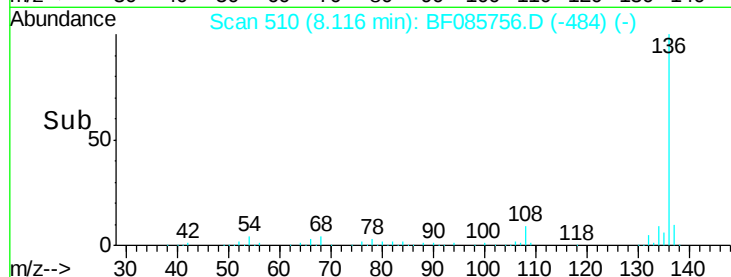
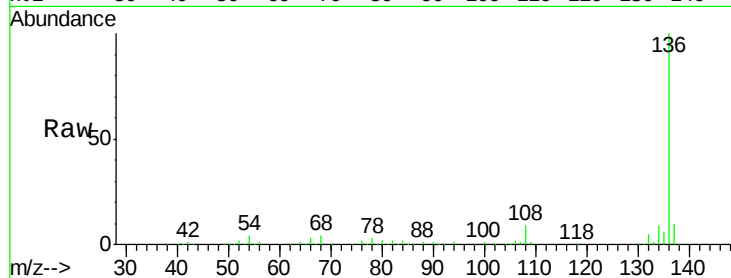




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

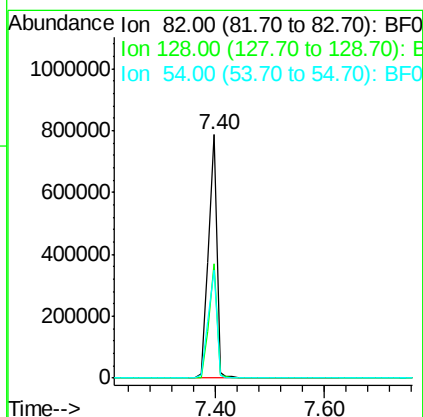
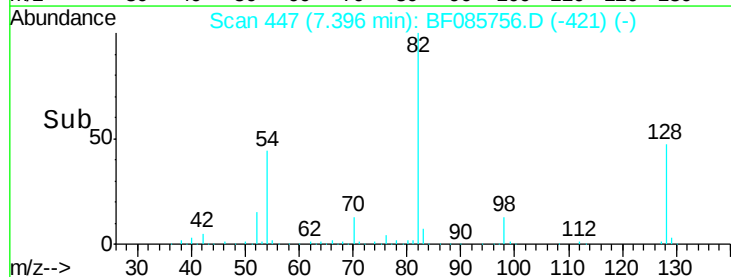
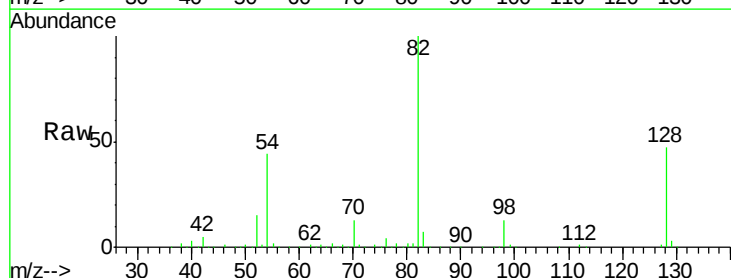
Instrument :
BNA_F
ClientSampleId :

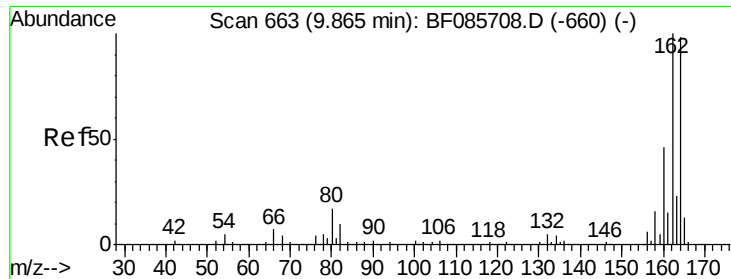
Tot Ion:136	Resp:	414711
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	4.4	7.4 11.0#
68	4.0	5.8 8.8#



#23
Nitrobenzene-d5
Concen: 113.78 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion: 82	Resp:	837945
Ion Ratio	Lower	Upper
82	100	
128	46.9	41.8 62.8
54	44.3	33.4 50.0

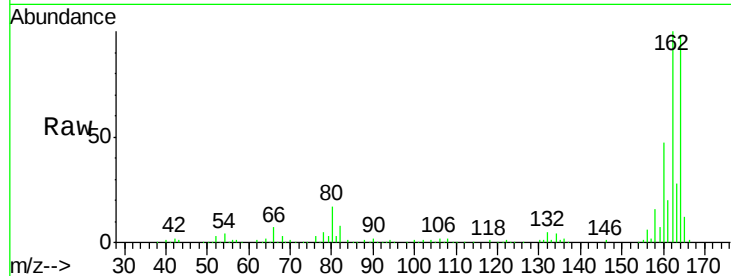




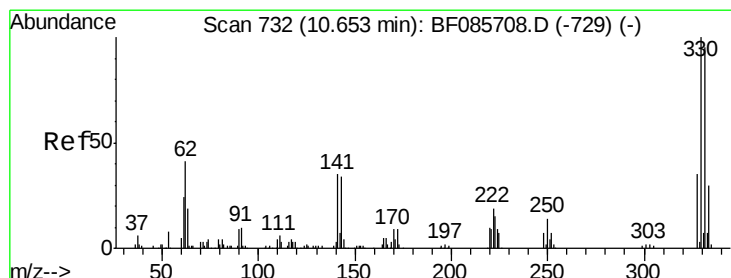
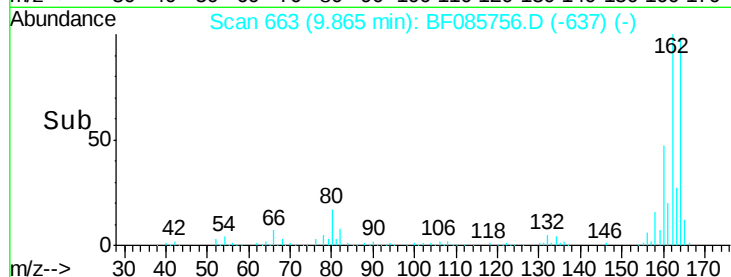
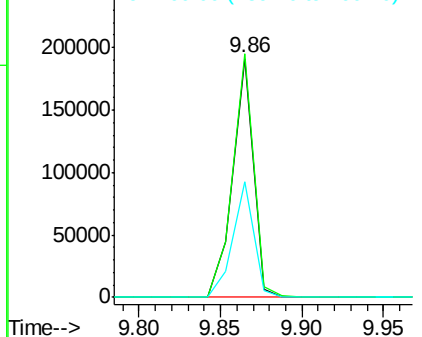
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 166775
Ion Ratio Lower Upper
164 100
162 101.9 82.1 123.1
160 48.3 37.4 56.2

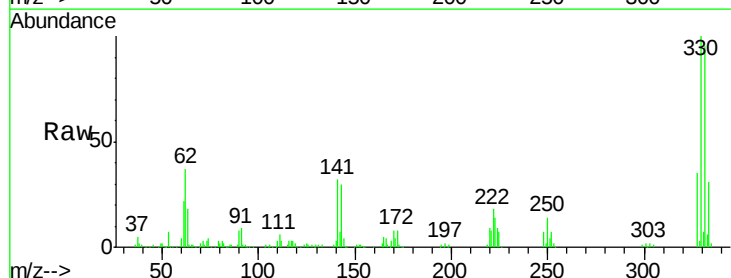


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

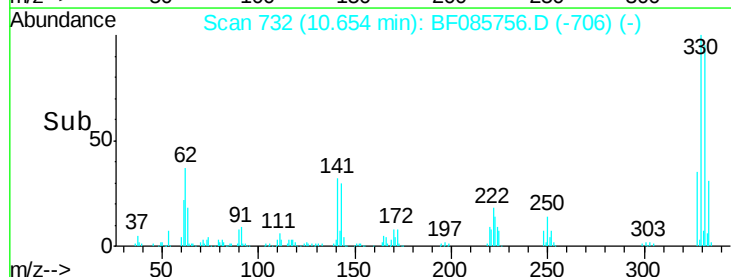
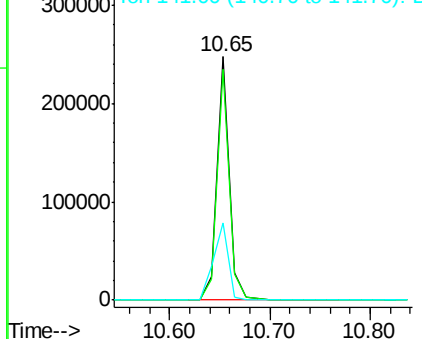


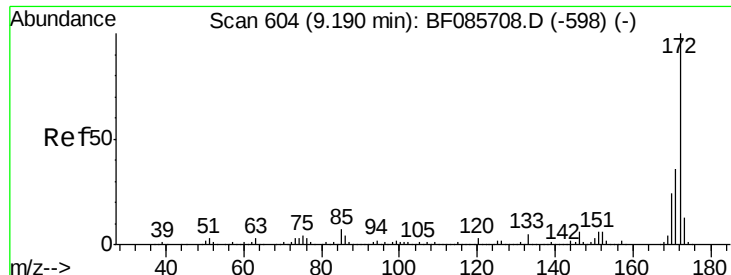
#41
2,4,6-Tribromophenol
Concen: 132.80 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion:330 Resp: 210428
Ion Ratio Lower Upper
330 100
332 94.5 78.2 117.2
141 39.0 31.5 47.3



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

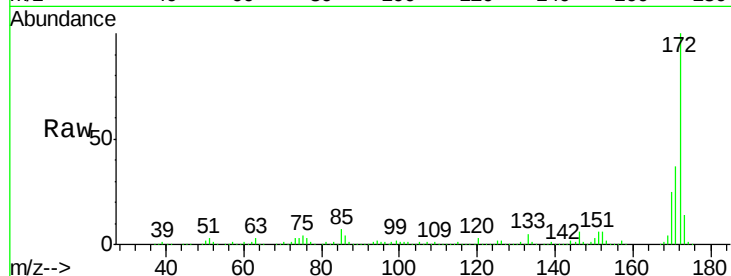




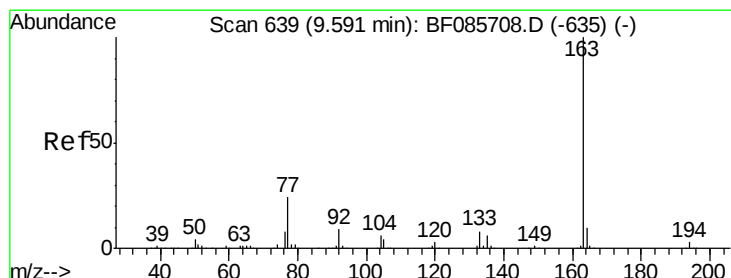
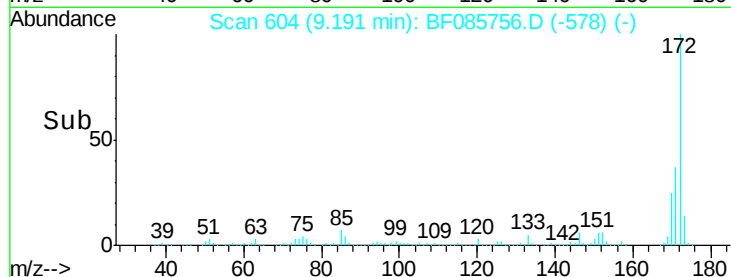
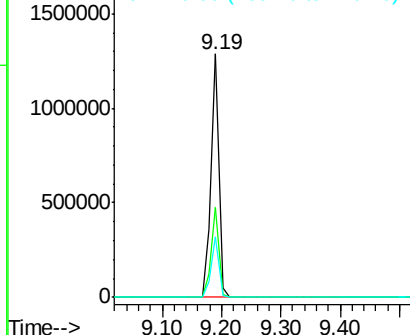
#44
2-Fluorobiphenyl
Concen: 118.01 ng
RT: 9.19 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1178024
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.2
170 24.9 19.8 29.6

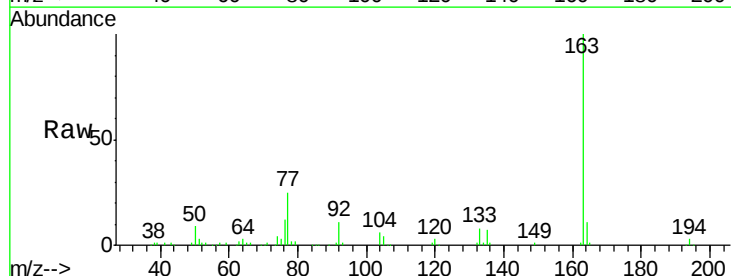


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

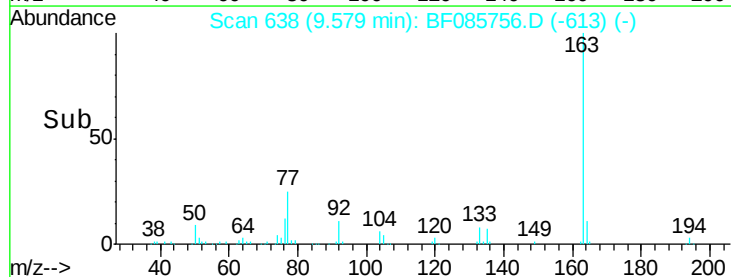
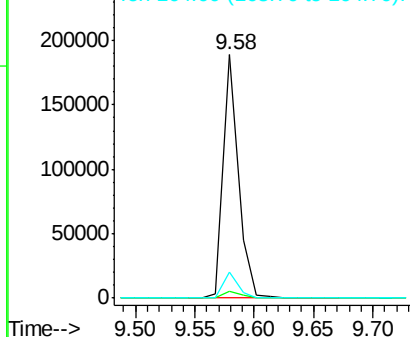


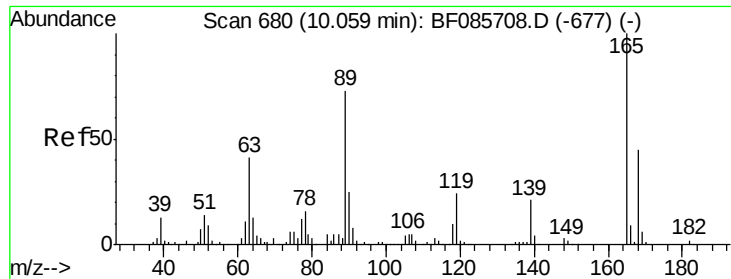
#49
Dimethylphthalate
Concen: 13.15 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion:163 Resp: 166423
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.6 8.3 12.5



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

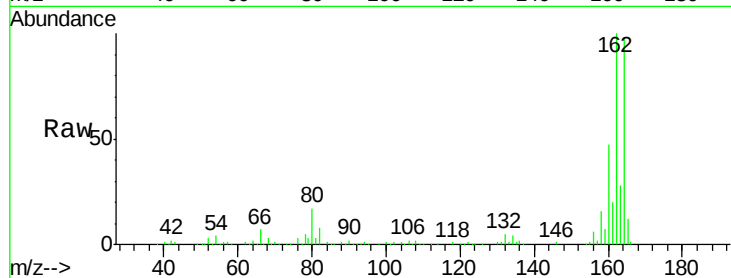




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085756.D
 Acq: 25 Mar 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

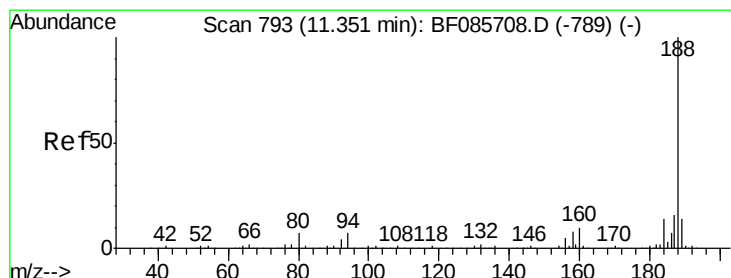
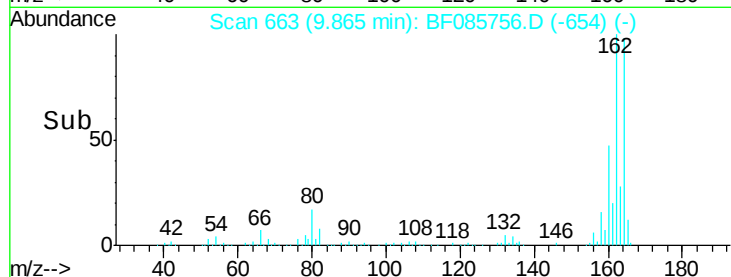
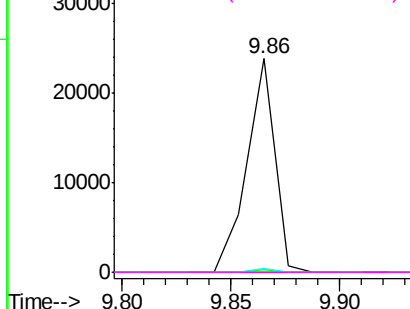


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

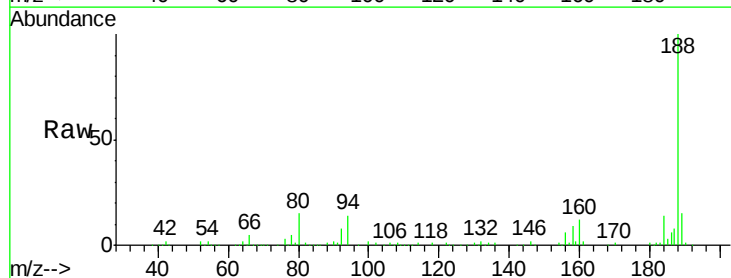
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085756.D
 Acq: 25 Mar 2016 11:48

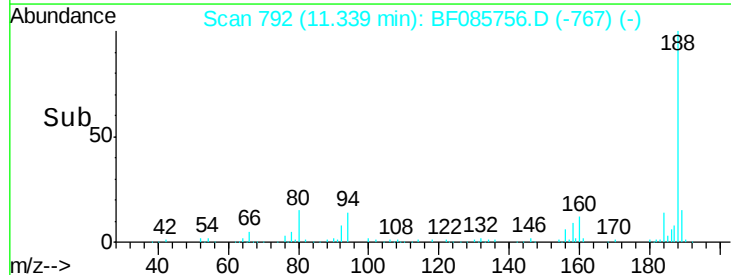
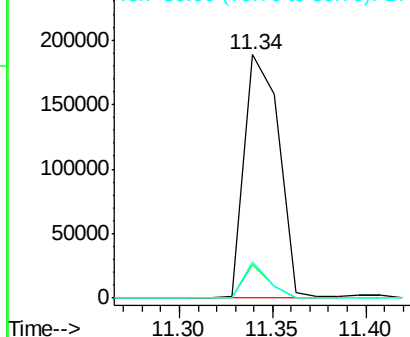
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	5.4	8.0#
80	15.1	5.5	8.3#

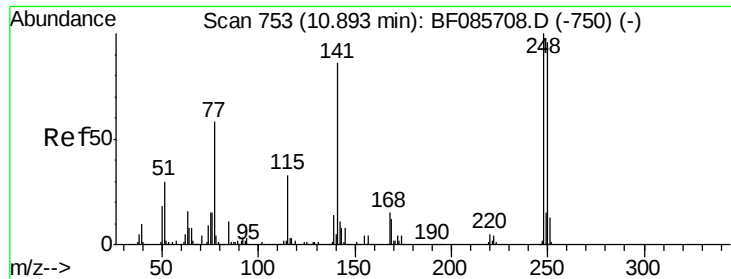


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

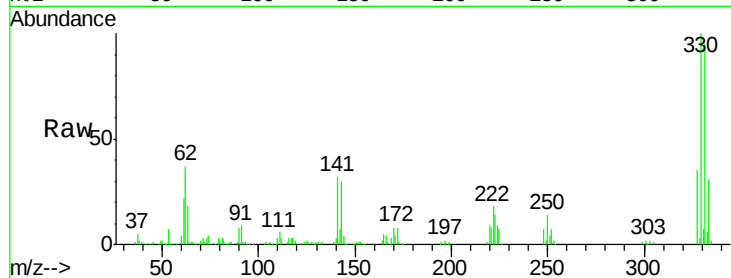




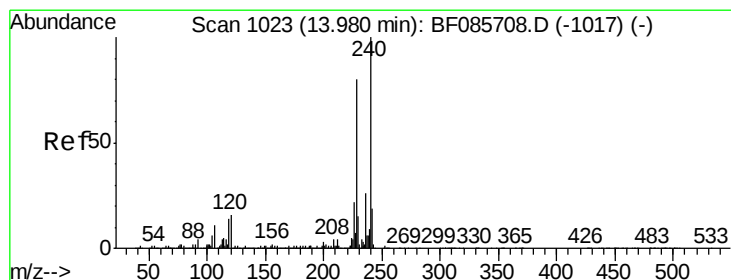
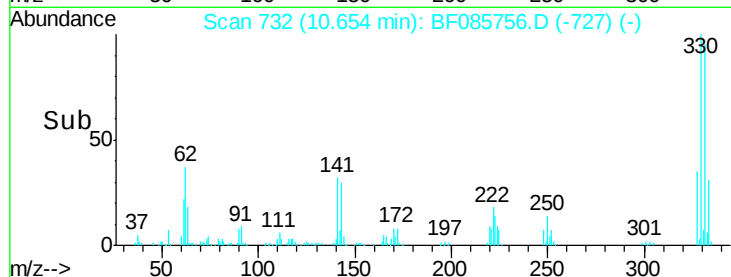
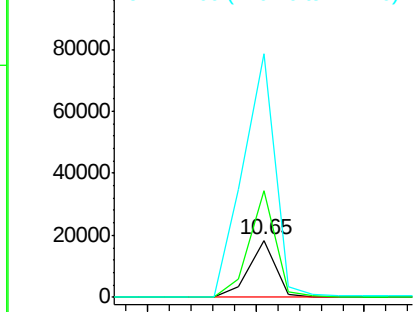
#66
4-Bromophenyl-phenylether
Concen: 6.24 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15553
Ion Ratio Lower Upper
248 100
250 186.5 77.4 116.0#
141 427.8 63.6 95.4#

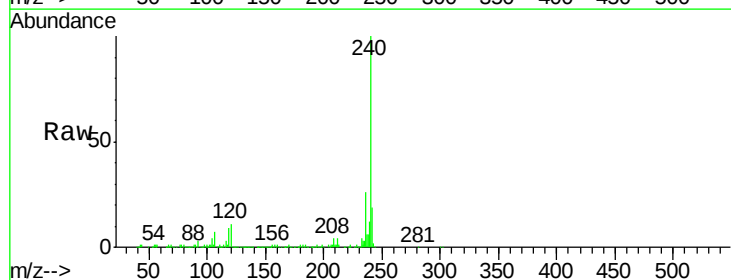


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

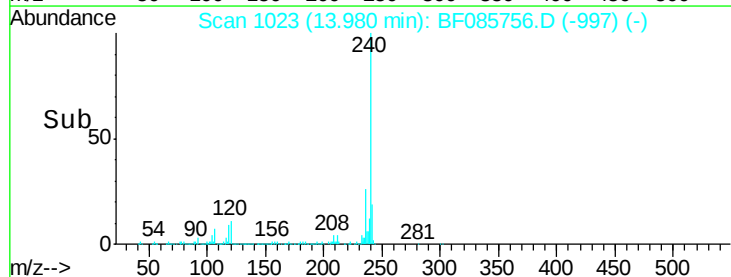
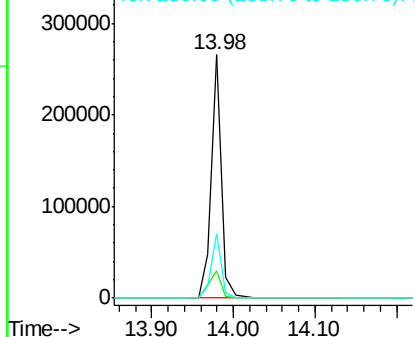


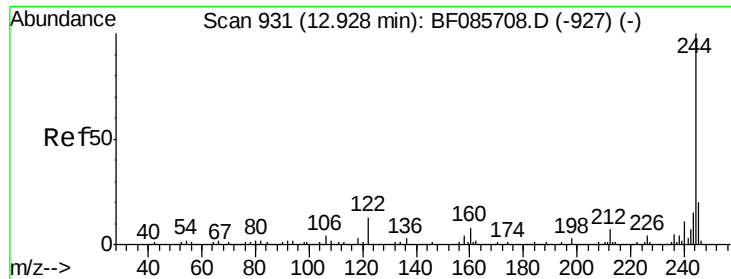
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085756.D
Acq: 25 Mar 2016 11:48

Tgt Ion:240 Resp: 236709
Ion Ratio Lower Upper
240 100
120 11.1 13.8 20.8#
236 26.2 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

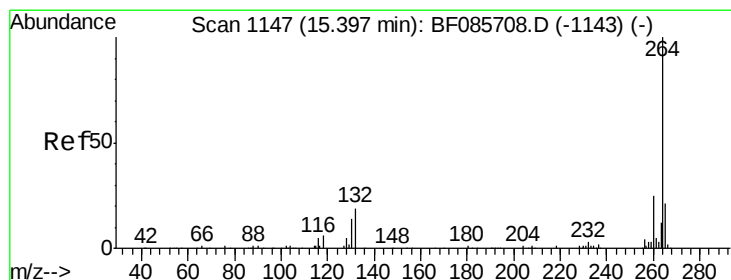
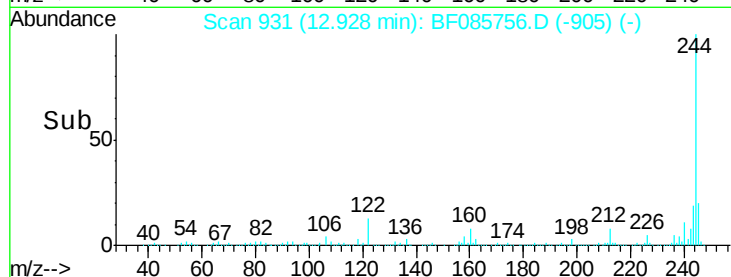
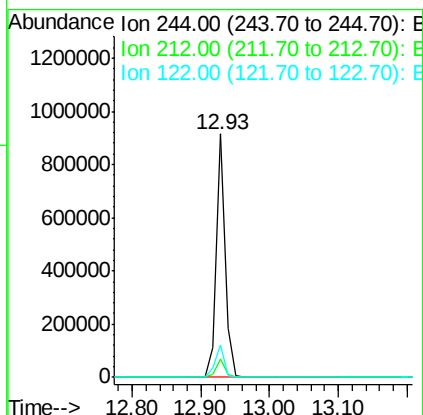
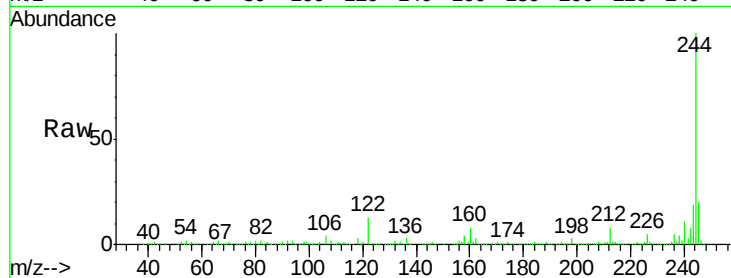




#78
 Terphenyl-d14
 Concen: 72.95 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085756.D
 Acq: 25 Mar 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 839645
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.2 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085756.D
 Acq: 25 Mar 2016 11:48

Tgt Ion:264 Resp: 205688
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.0 17.2 25.8

