

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085736.D
 Acq On : 25 Mar 2016 2:20
 Operator : UM/SJ
 Sample : H1881-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(23-25)

Quant Time: Mar 25 02:01:15 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

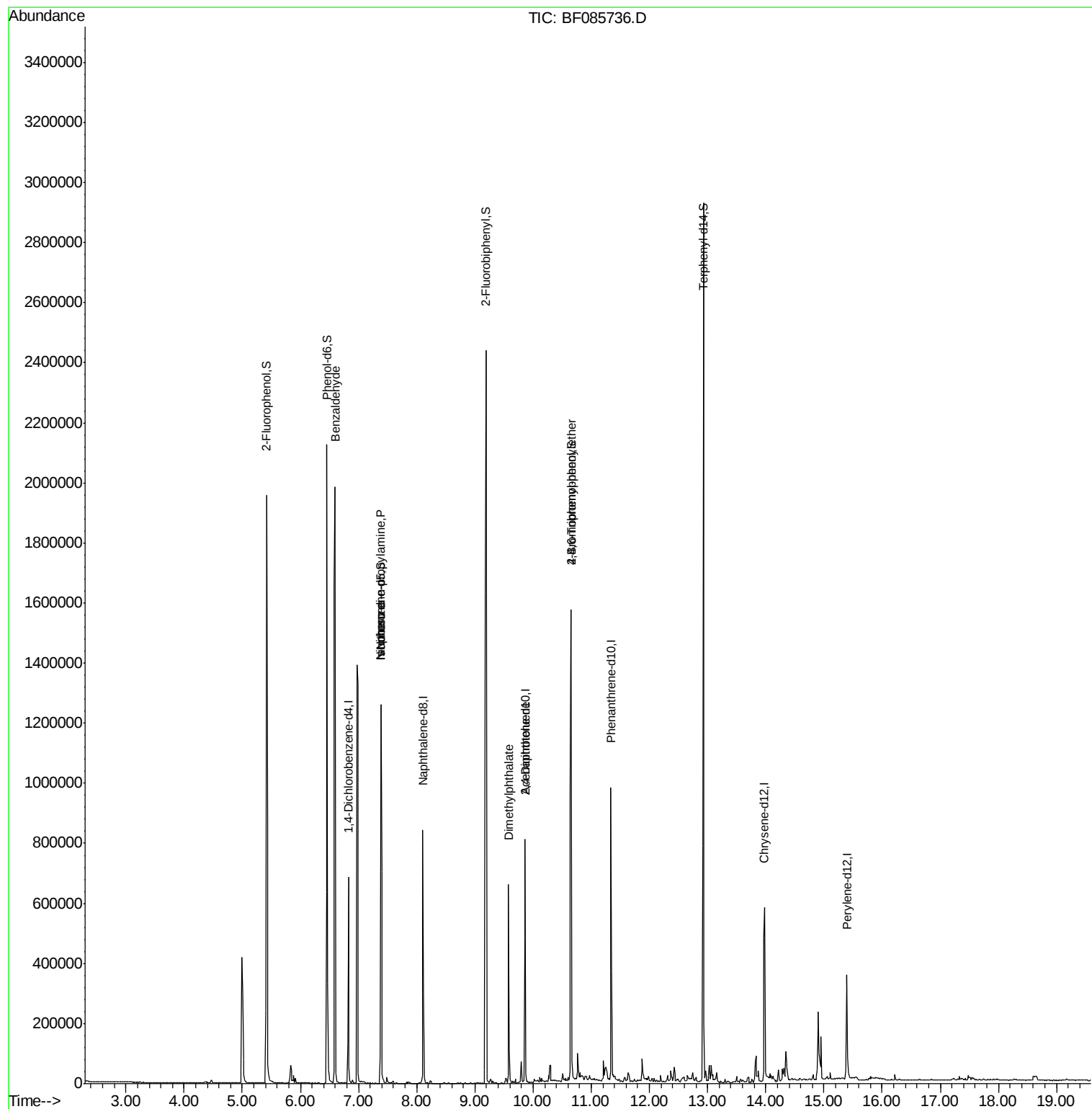
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103485	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	409585	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	192961	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	368755	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	257184	20.00	ng	0.00
86) Perylene-d12	15.40	264	190021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	694998	111.85	ng	0.01
7) Phenol-d6	6.46	99	833306	105.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	524585	72.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	245152	133.72	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	989148	85.65	ng	0.00
78) Terphenyl-d14	12.93	244	879716	70.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	16980	3.57	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	66719	14.10	ng	# 79
25) Isophorone	7.38	82	499255	35.63	ng	# 68
37) 2-Methylnaphthalene	8.93	142	874	Below Cal		90
49) Dimethylphthalate	9.58	163	241302	16.48	ng	99
56) 2,4-Dinitrotoluene	9.86	165	24412	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	15998	4.24	ng	# 1

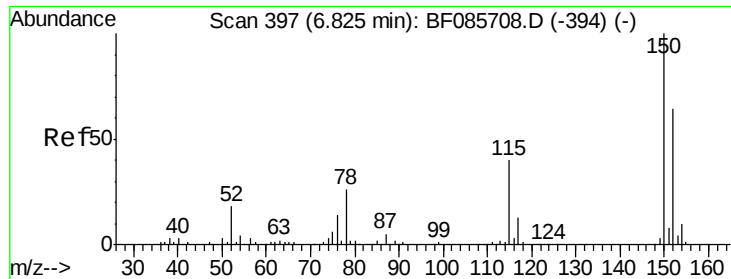
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085736.D

Acq: 25 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SB-07(23-25)

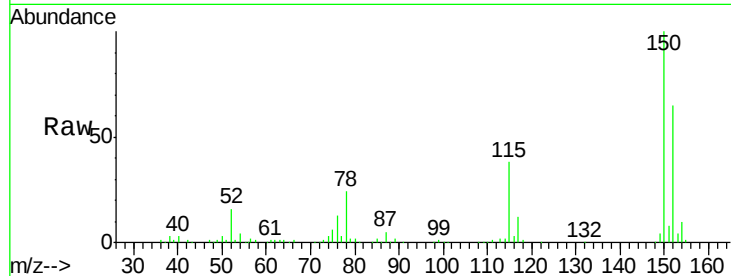
Tgt Ion:152 Resp: 103485

Ion Ratio Lower Upper

152 100

150 154.9 124.2 186.2

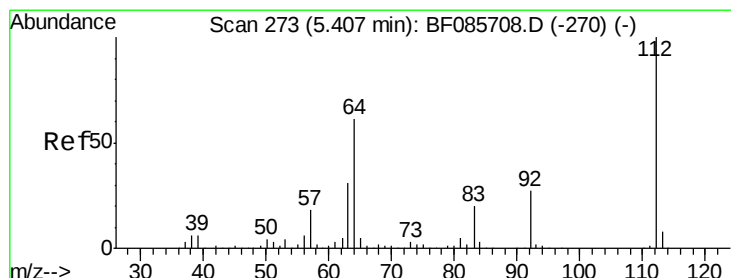
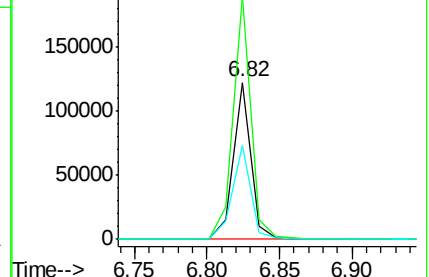
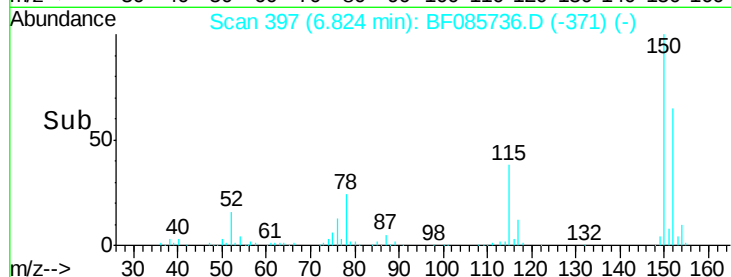
115 59.4 47.0 70.6



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: 111.85 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

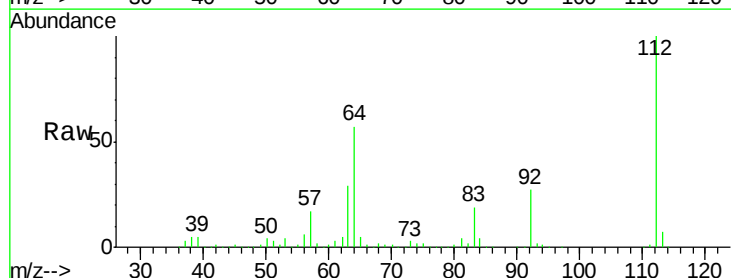
Tgt Ion:112 Resp: 694998

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

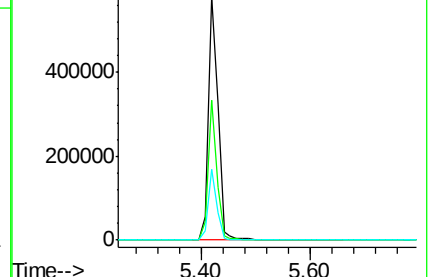
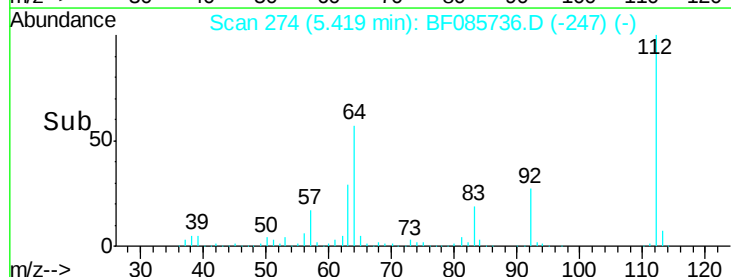
63 29.2 20.2 30.2



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: 105.48 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SB-07(23-25)

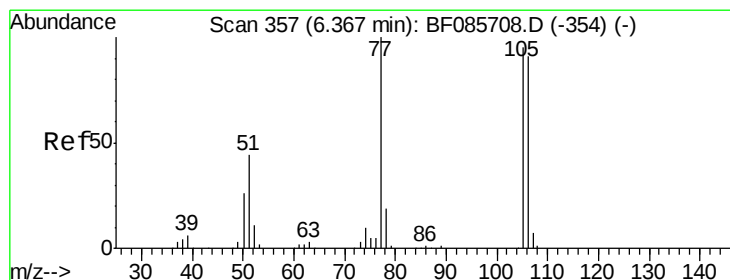
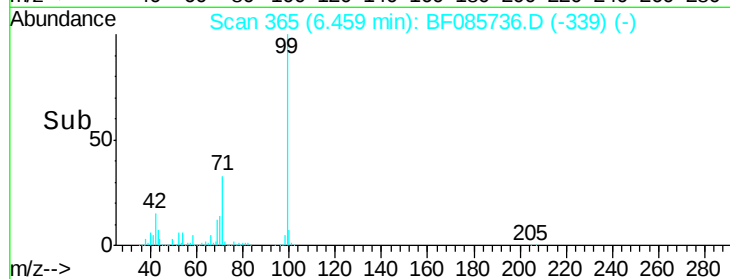
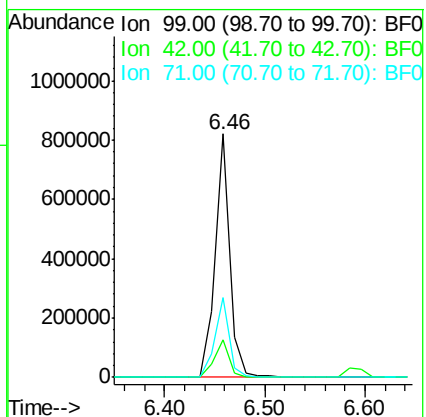
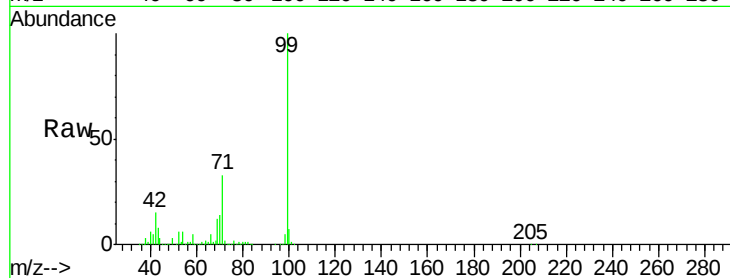
Tgt Ion: 99 Resp: 833306

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 32.8 24.9 37.3



#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

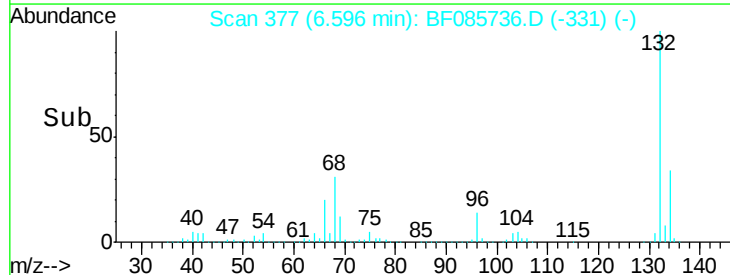
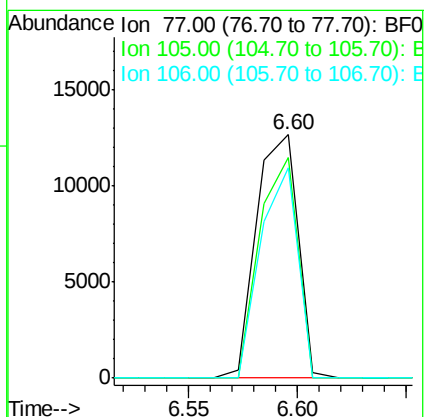
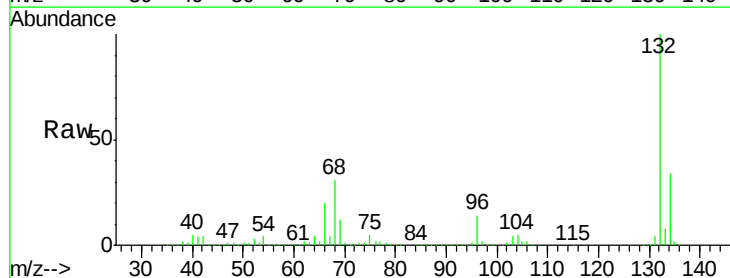
Tgt Ion: 77 Resp: 16980

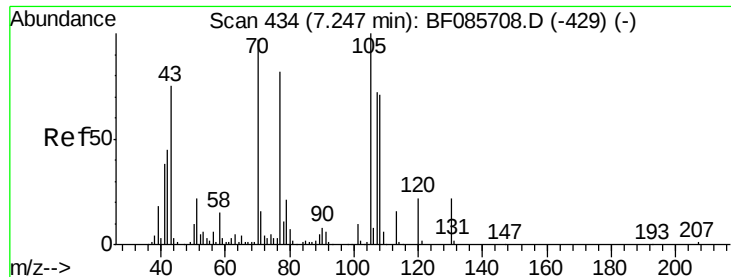
Ion Ratio Lower Upper

77 100

105 90.7 80.1 120.1

106 86.6 75.0 115.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.10 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SB-07(23-25)

Tgt Ion: 70 Resp: 66719

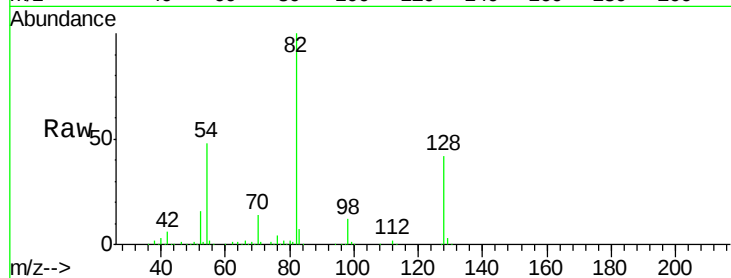
Ion Ratio Lower Upper

70 100

42 42.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

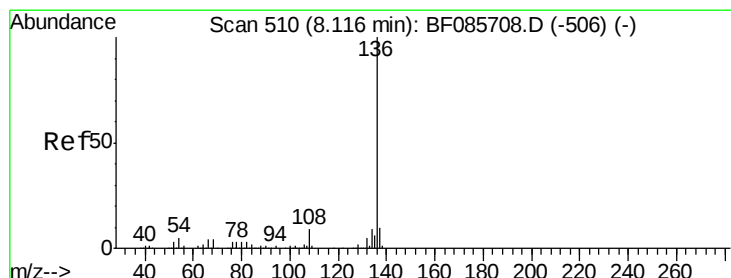
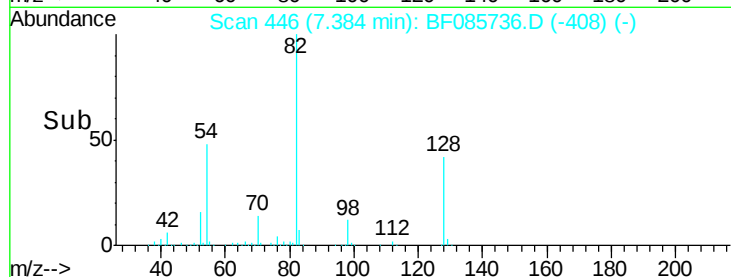
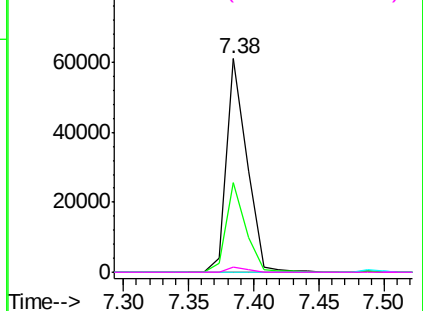


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

Tgt Ion:136 Resp: 409585

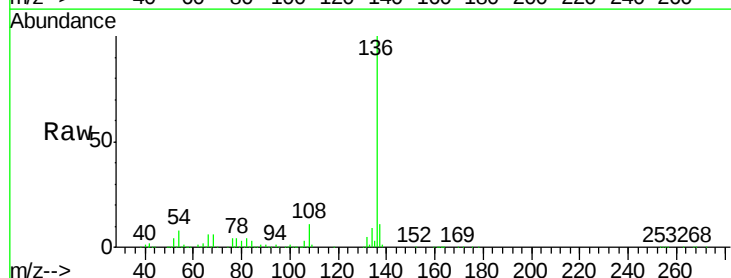
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.4 11.0

68 6.4 5.8 8.8

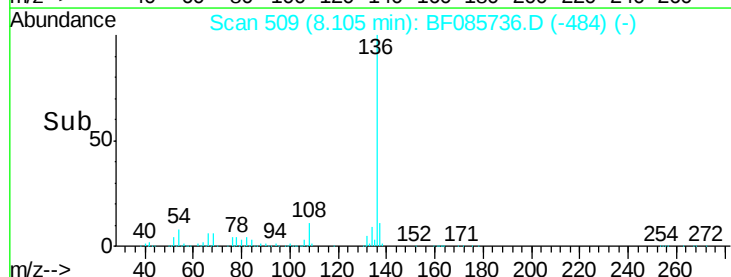
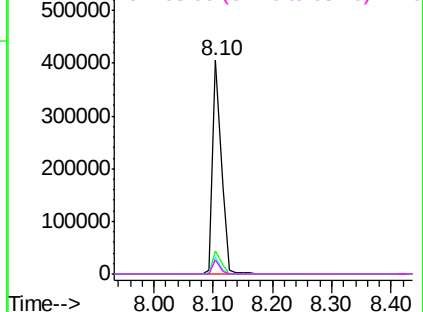


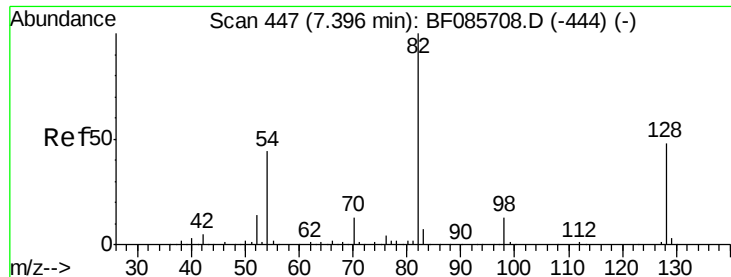
Abundance Ion 136.00 (135.70 to 136.70): E

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

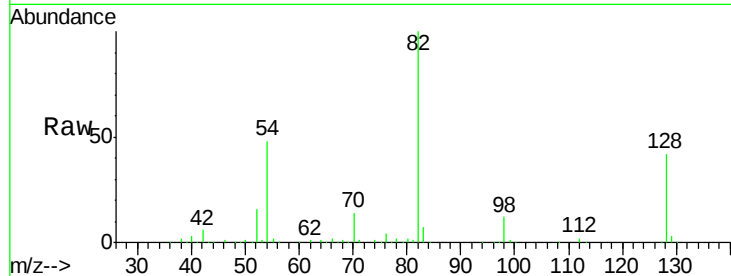




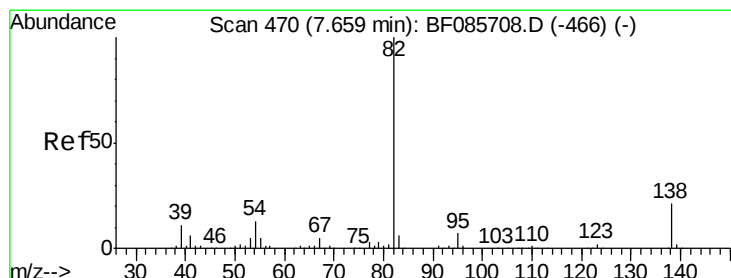
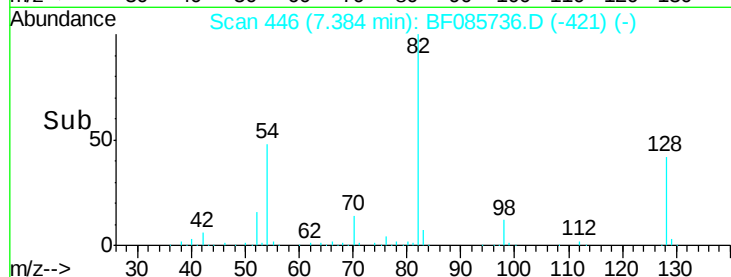
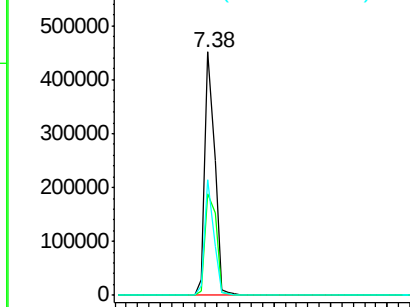
#23
Nitrobenzene-d5
Concen: 72.12 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085736.D
Acq: 25 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
SB-07(23-25)

Tgt Ion: 82 Resp: 524585
Ion Ratio Lower Upper
82 100
128 41.7 41.8 62.8#
54 47.5 33.4 50.0

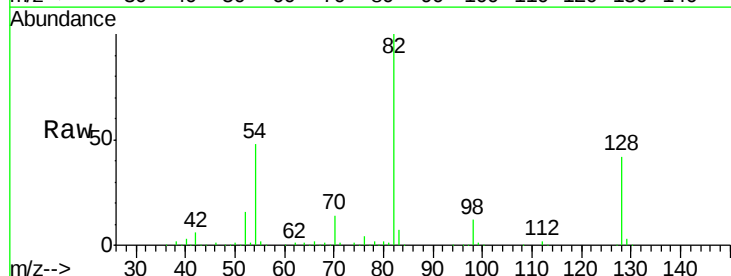


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

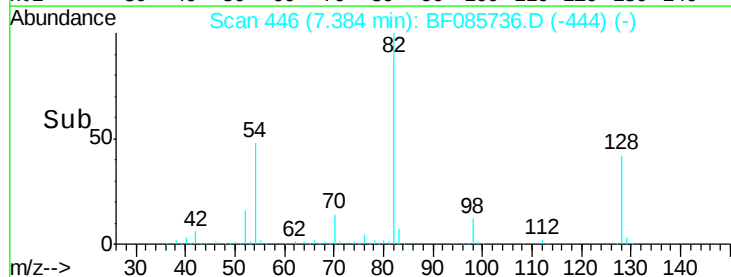
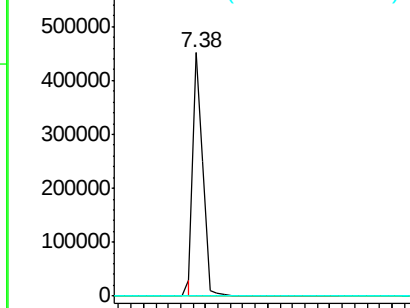


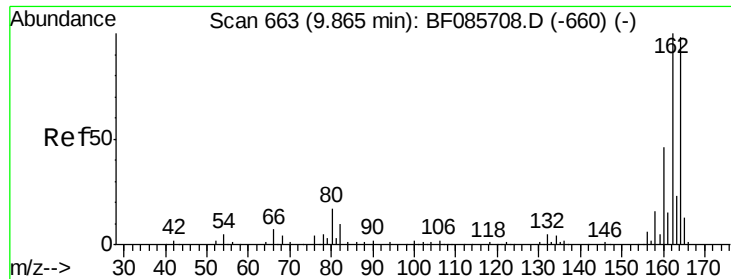
#25
Isophorone
Concen: 35.63 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.27 min
Lab File: BF085736.D
Acq: 25 Mar 2016 2:20

Tgt Ion: 82 Resp: 499255
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

Instrument :

BNA_F

ClientSampleId :

SB-07(23-25)

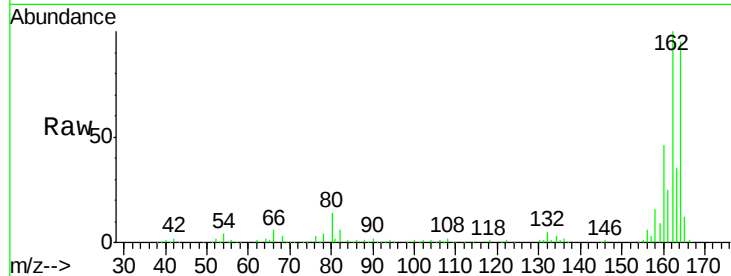
Tgt Ion:164 Resp: 192961

Ion Ratio Lower Upper

164 100

162 104.8 82.1 123.1

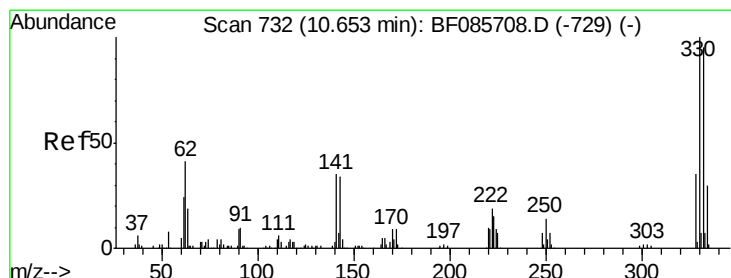
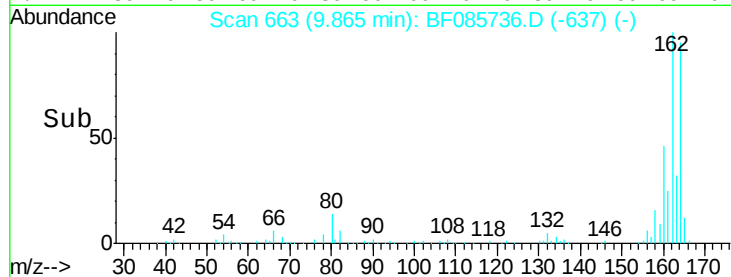
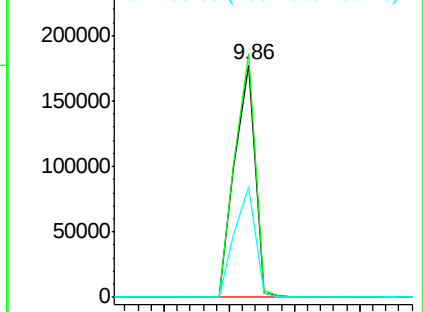
160 47.8 37.4 56.2



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: 133.72 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085736.D

Acq: 25 Mar 2016 2:20

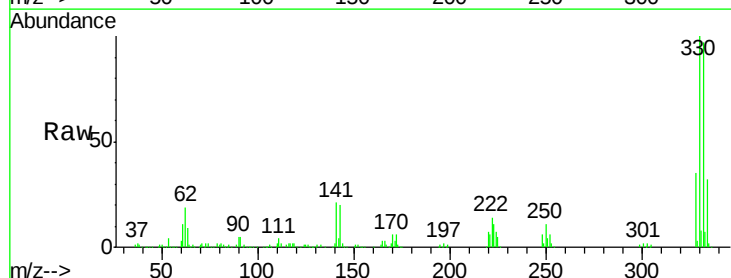
Tgt Ion:330 Resp: 245152

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

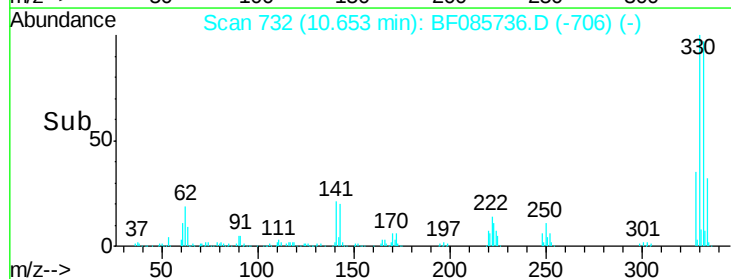
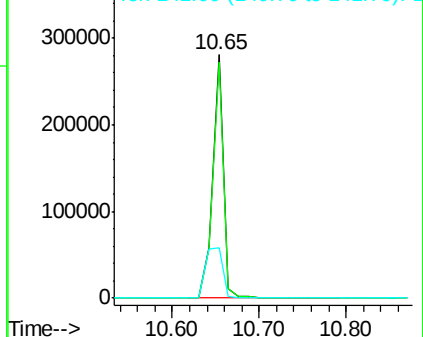
141 34.1 31.5 47.3

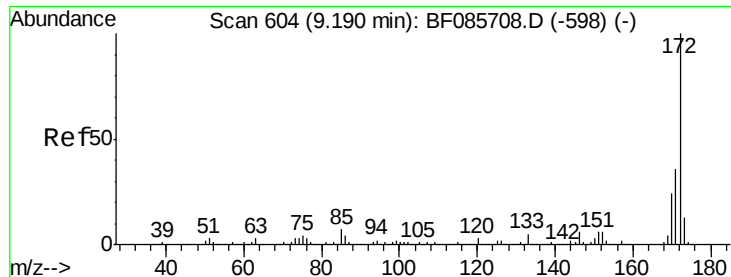


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

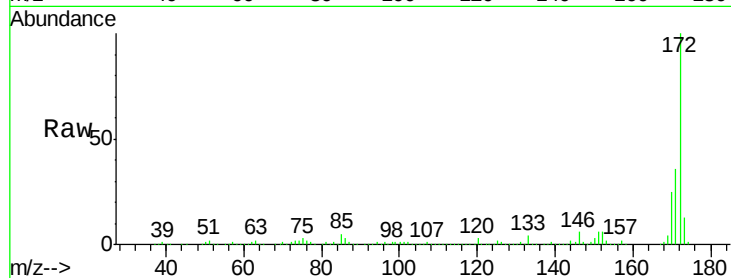




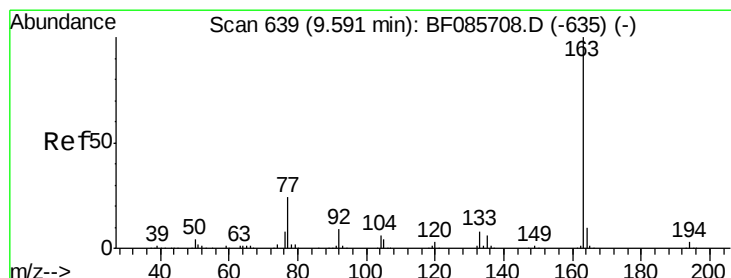
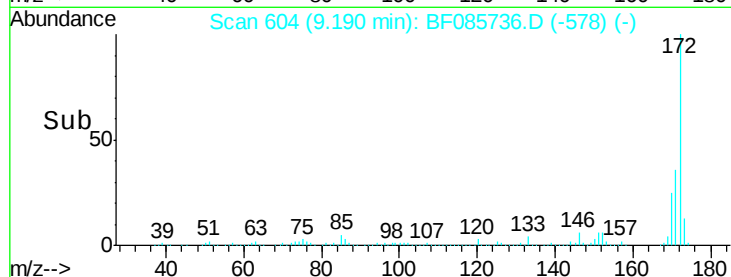
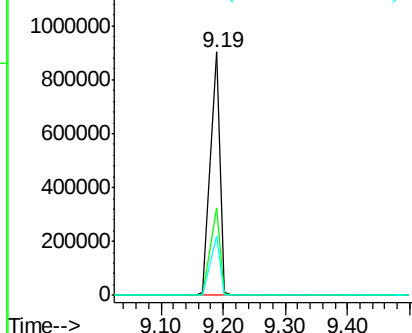
#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085736.D
 Acq: 25 Mar 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(23-25)

Tgt Ion:172 Resp: 989148
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 19.8 29.6

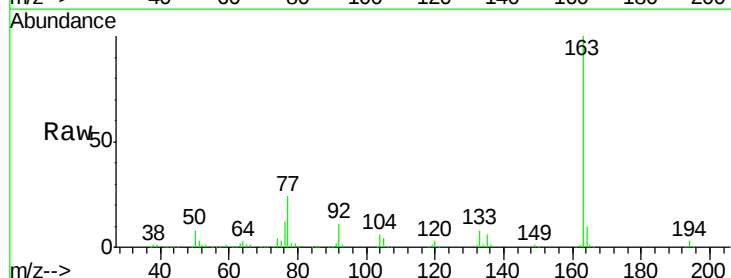


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

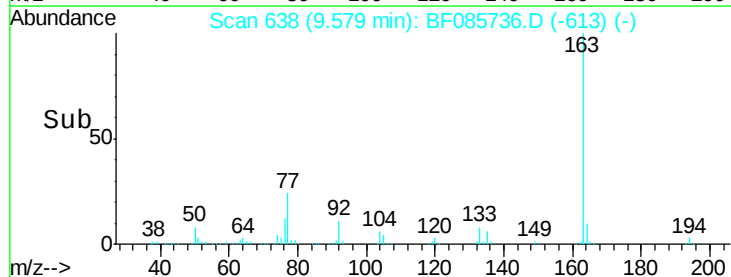
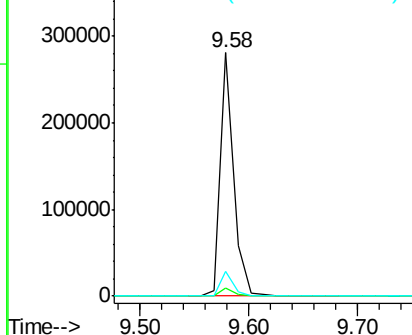


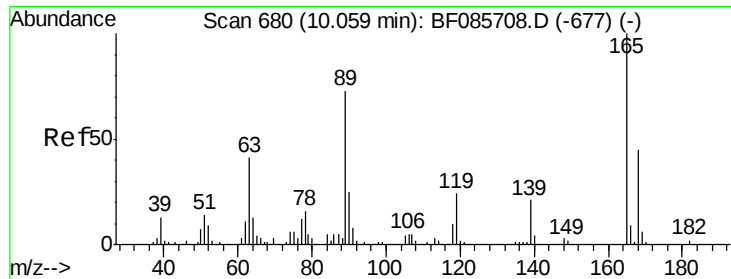
#49
 Dimethylphthalate
 Concen: 16.48 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085736.D
 Acq: 25 Mar 2016 2:20

Tgt Ion:163 Resp: 241302
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.2 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

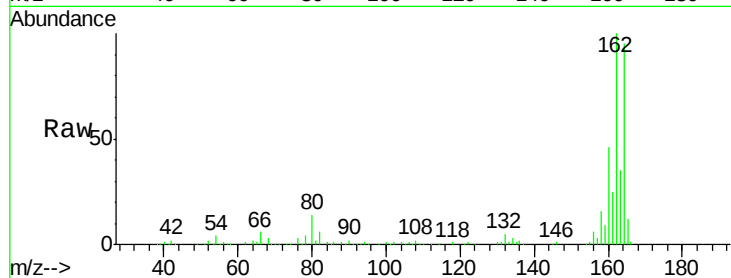




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085736.D
 Acq: 25 Mar 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(23-25)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.5	41.0	61.6#
182	0.0	2.1	3.1#

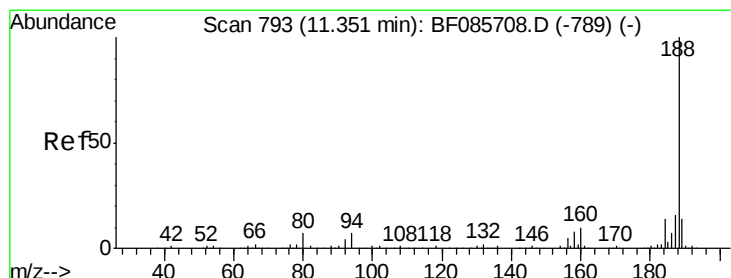
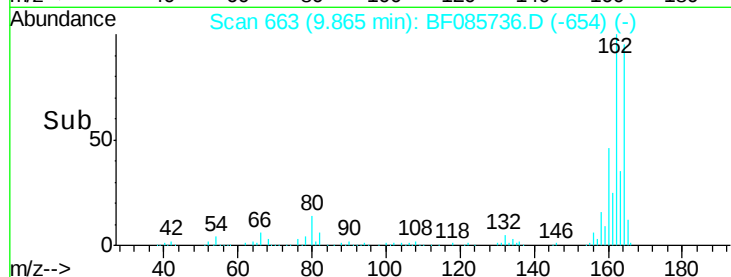
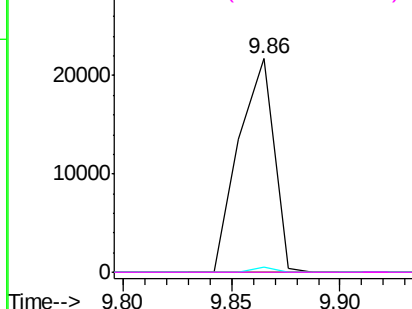


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

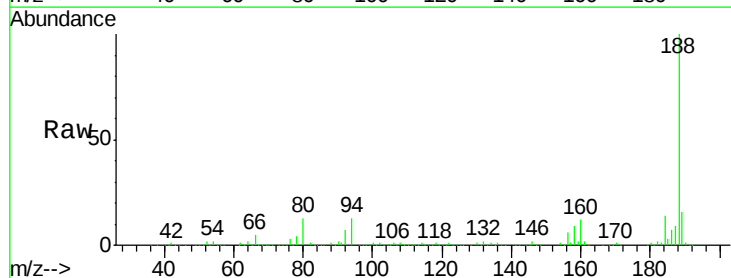
Ion 89.00 (88.70 to 89.70): BF0

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: BF085736.D
 Acq: 25 Mar 2016 2:20

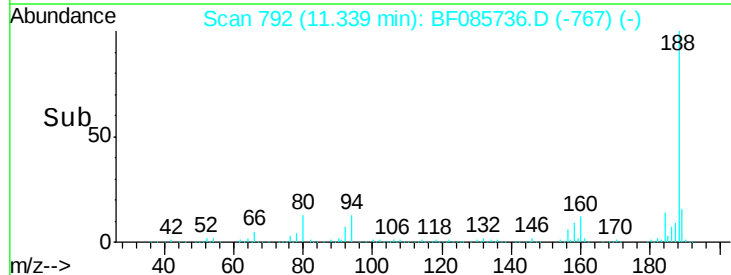
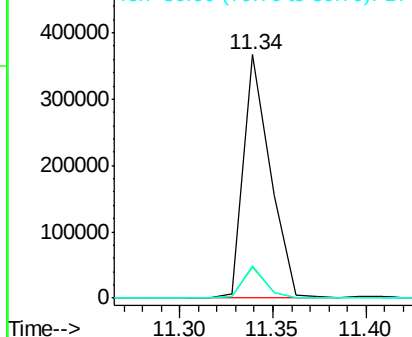
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	5.4	8.0#
80	13.3	5.5	8.3#

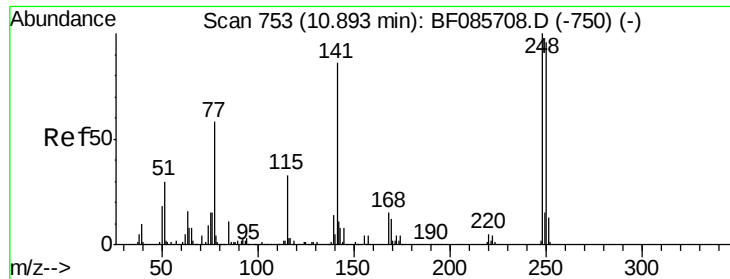


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

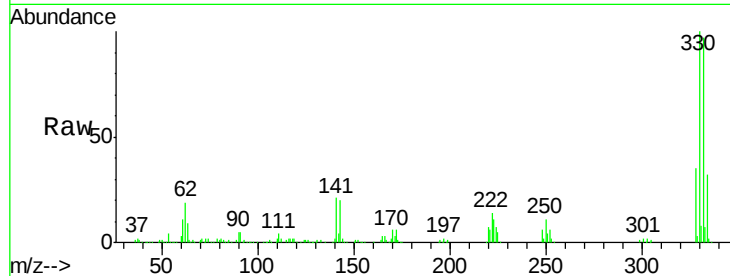




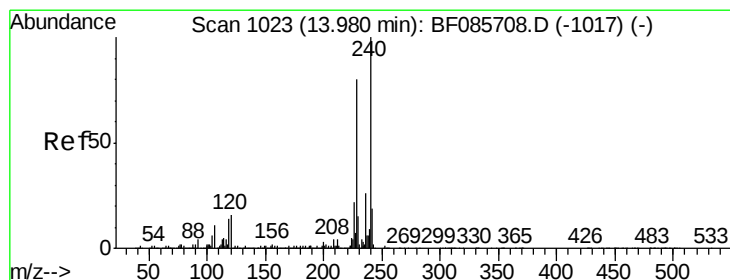
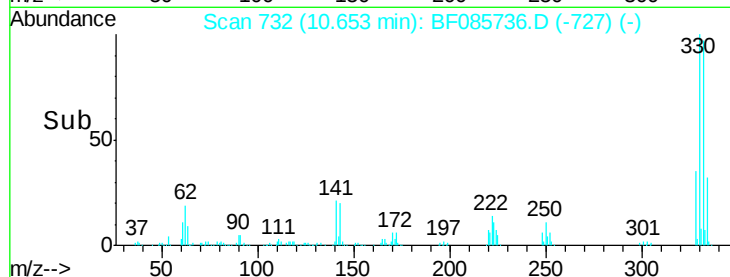
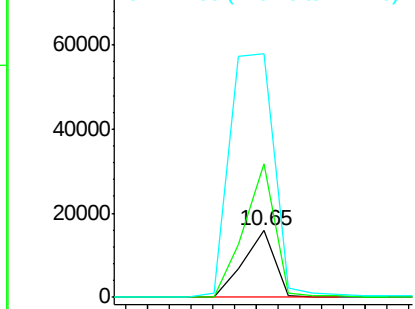
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085736.D
Acq: 25 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
SB-07(23-25)

Tgt Ion:248 Resp: 15998
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.0#
141 364.8 63.6 95.4#

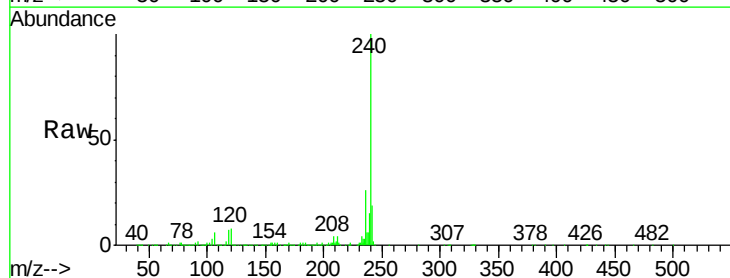


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

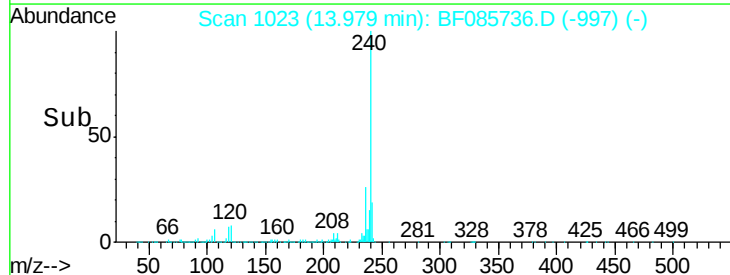
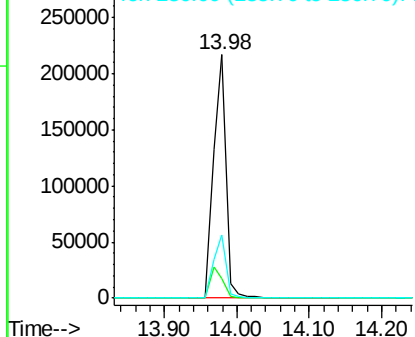


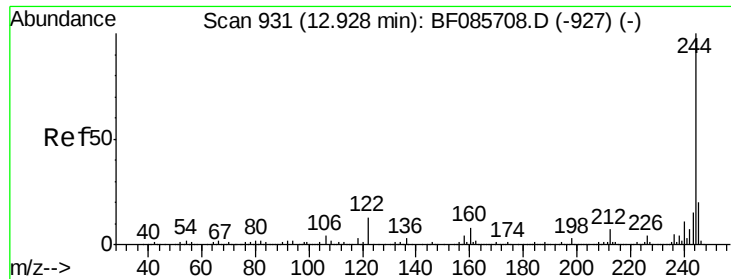
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085736.D
Acq: 25 Mar 2016 2:20

Tgt Ion:240 Resp: 257184
Ion Ratio Lower Upper
240 100
120 8.3 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

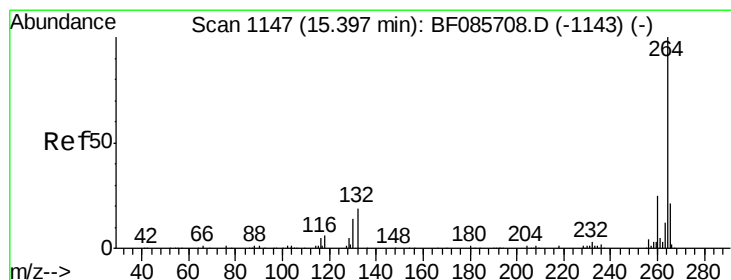
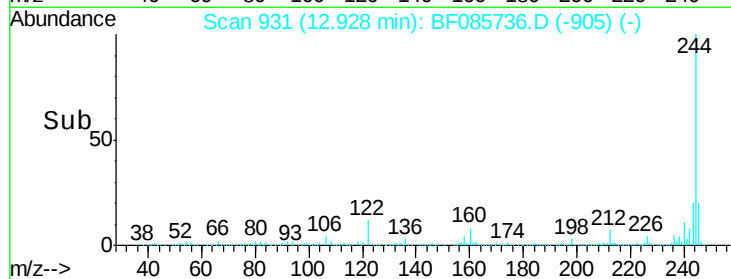
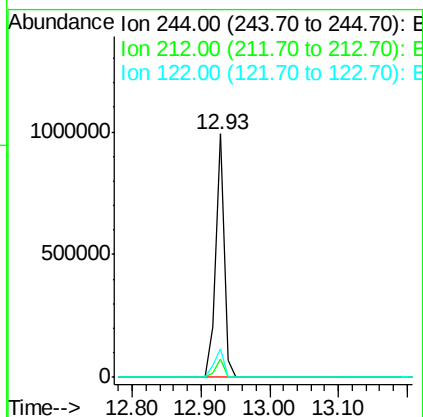
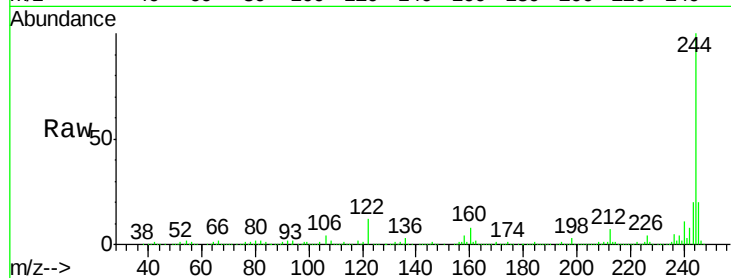




#78
 Terphenyl-d14
 Concen: 70.35 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085736.D
 Acq: 25 Mar 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(23-25)

Tgt Ion:244 Resp: 879716
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.9 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: BF085736.D
 Acq: 25 Mar 2016 2:20

Tgt Ion:264 Resp: 190021
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.9 17.2 25.8

