

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085735.D
 Acq On : 25 Mar 2016 1:52
 Operator : UM/SJ
 Sample : H1881-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(12-14)

Quant Time: Mar 25 01:28:31 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

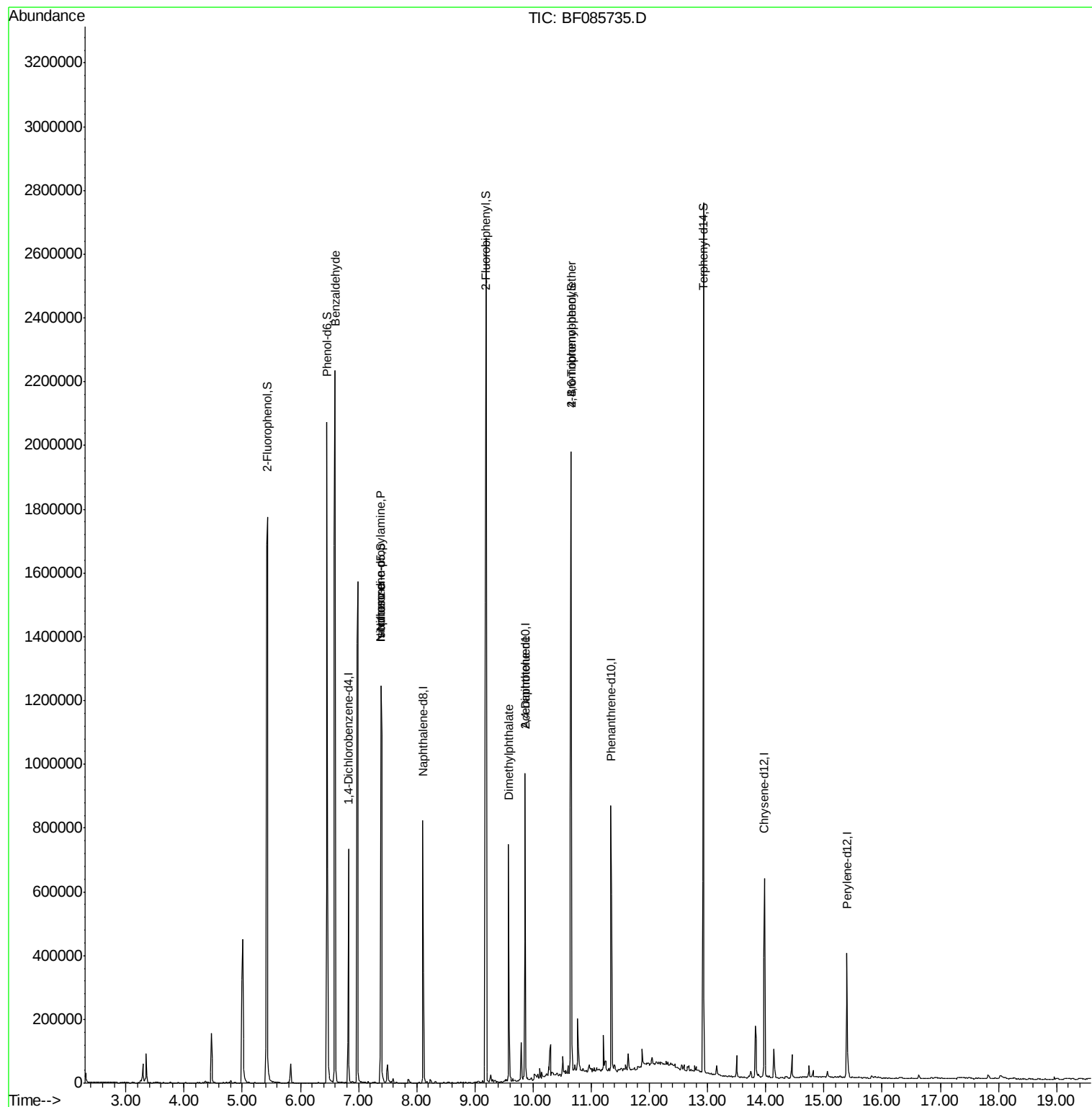
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108886	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	417975	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	211030	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	386623	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	261567	20.00	ng	0.00
86) Perylene-d12	15.40	264	184422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	814959	124.65	ng	0.02
7) Phenol-d6	6.46	99	923587	111.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	607481	81.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	259491	129.42	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1006974	79.72	ng	0.00
78) Terphenyl-d14	12.93	244	802214	63.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	17978	3.59	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	78602	15.79	ng	# 80
25) Isophorone	7.38	82	583669	40.82	ng	# 68
37) 2-Methylnaphthalene	8.82	142	434	Below Cal	#	15
49) Dimethylphthalate	9.58	163	279053	17.43	ng	99
56) 2,4-Dinitrotoluene	9.86	165	26466	6.04	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	18369	4.64	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: BF085735.D

Acq: 25 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SB-07(12-14)

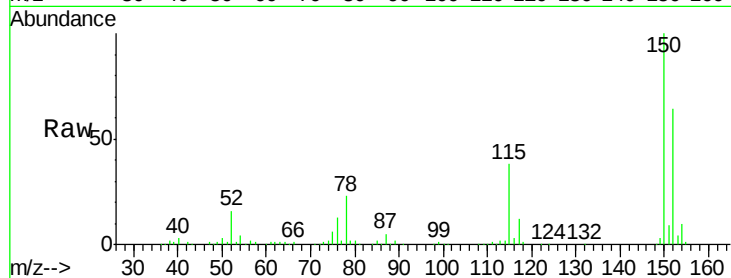
Tgt Ion:152 Resp: 108886

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

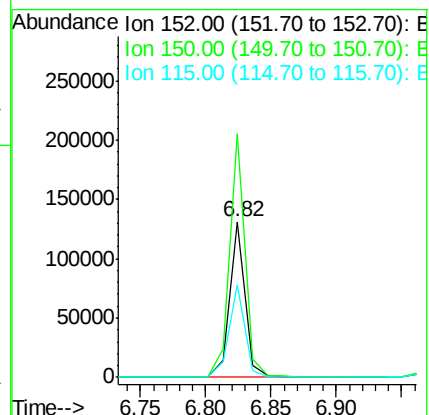
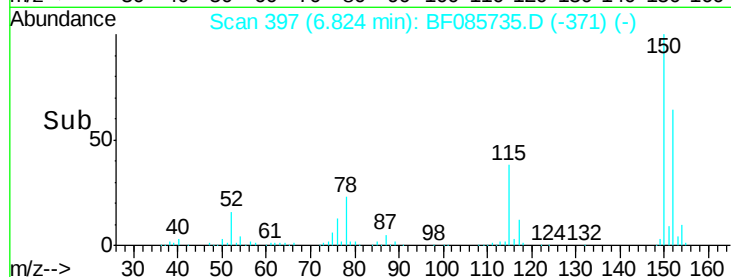
115 59.5 47.0 70.6



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: 124.65 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

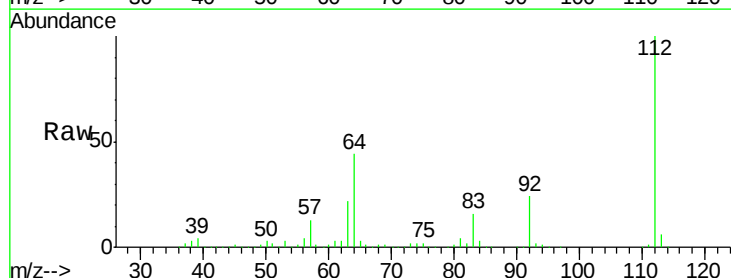
Tgt Ion:112 Resp: 814959

Ion Ratio Lower Upper

112 100

64 44.5 39.9 59.9

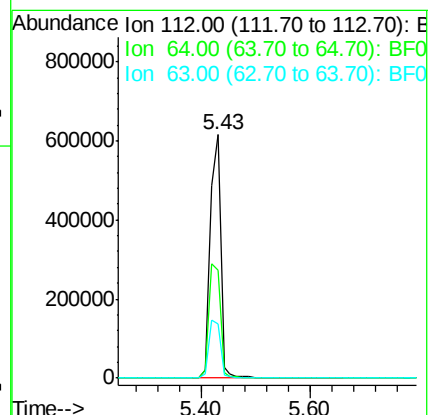
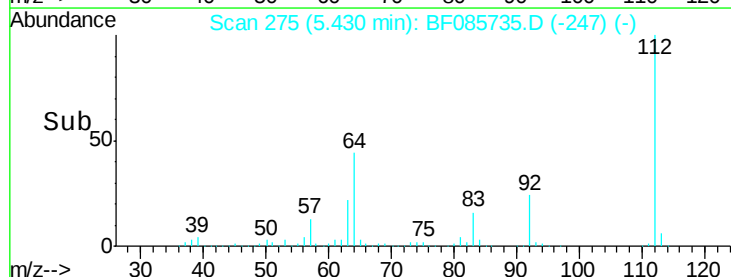
63 22.5 20.2 30.2

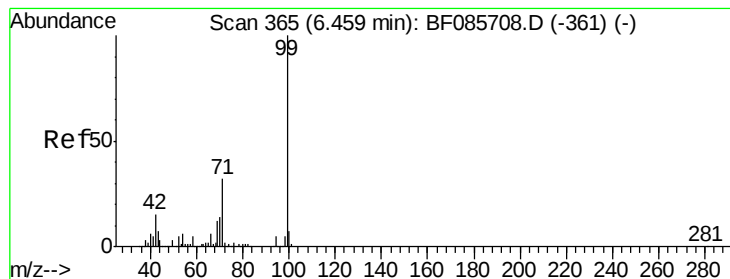


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.11 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SB-07(12-14)

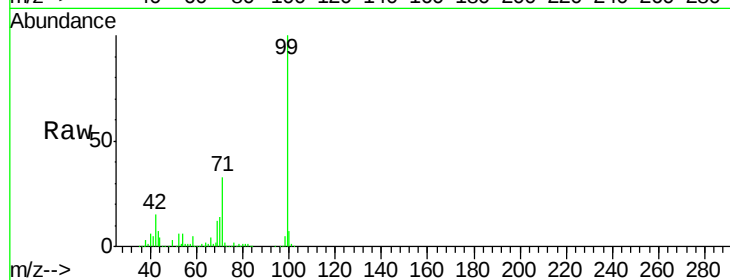
Tgt Ion: 99 Resp: 923587

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

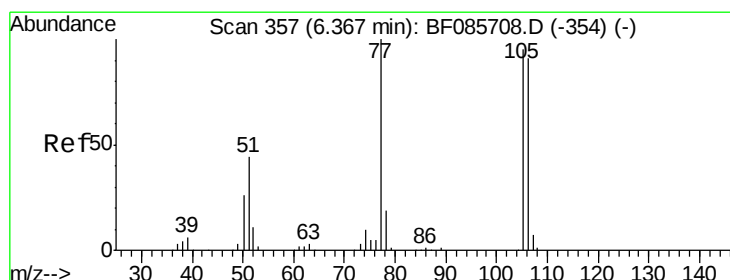
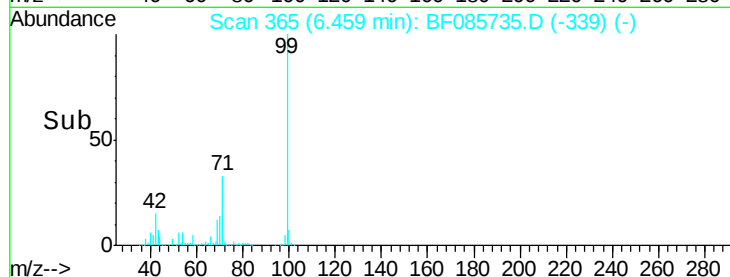
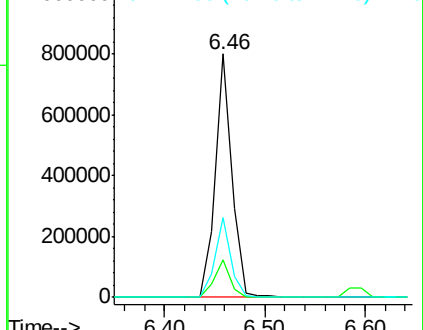
71 32.6 24.9 37.3



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: 3.59 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

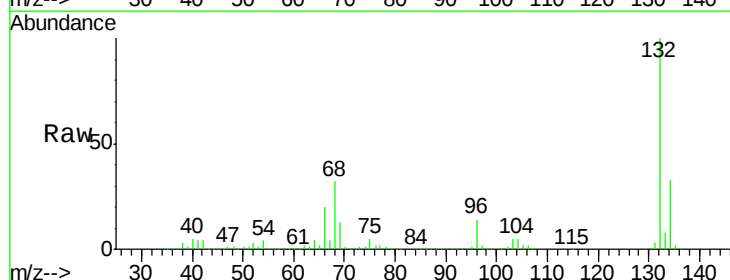
Tgt Ion: 77 Resp: 17978

Ion Ratio Lower Upper

77 100

105 90.1 80.1 120.1

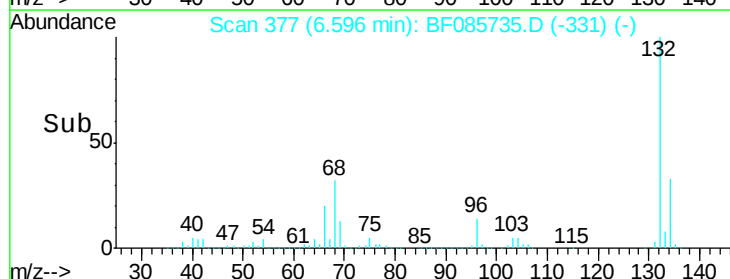
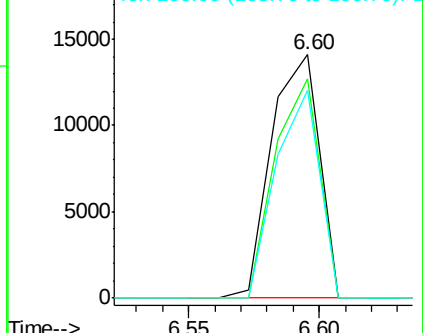
106 85.2 75.0 115.0

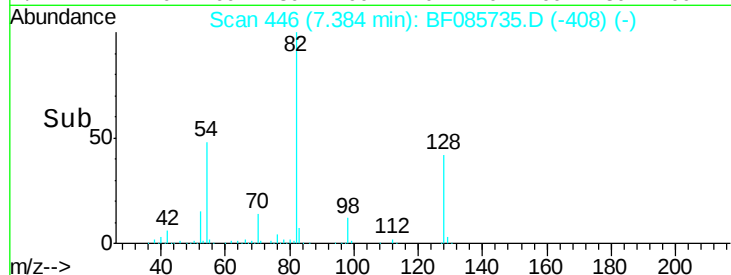
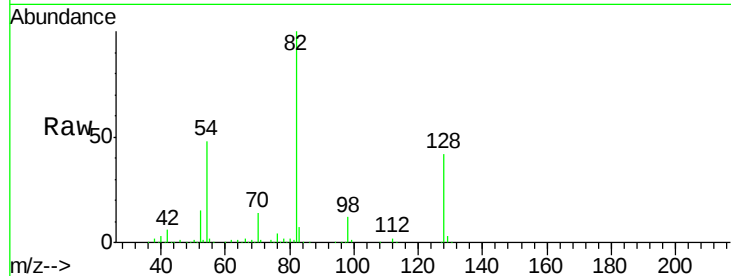
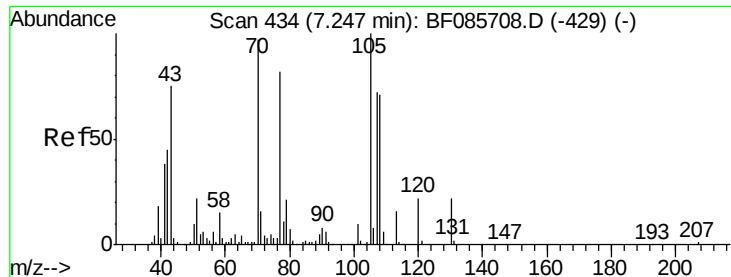


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

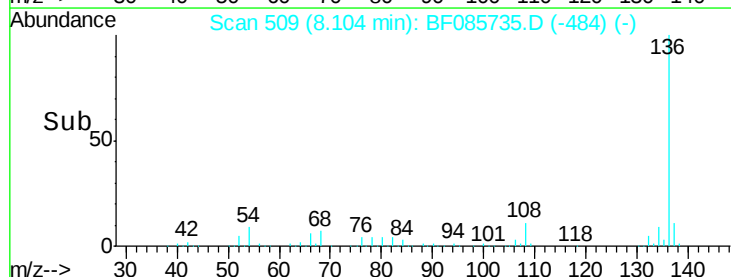
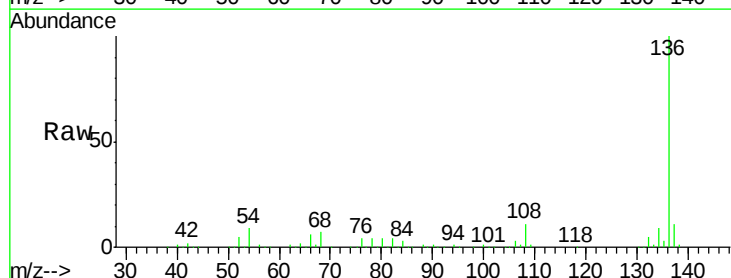
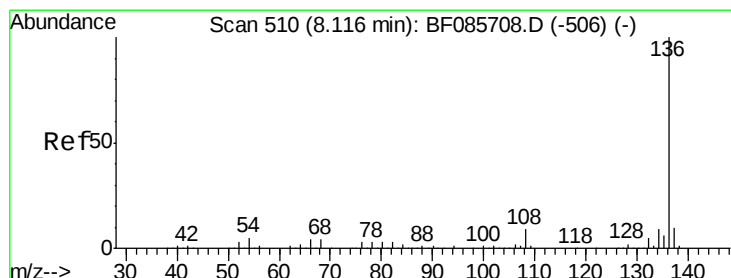
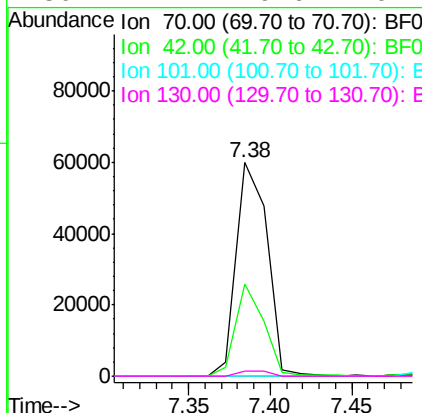




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085735.D
Acq: 25 Mar 2016 1:52

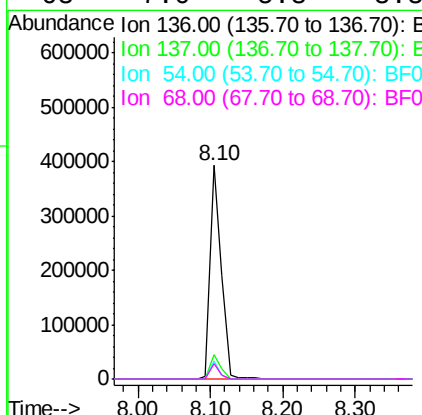
Instrument :
BNA_F
ClientSampleId :
SB-07(12-14)

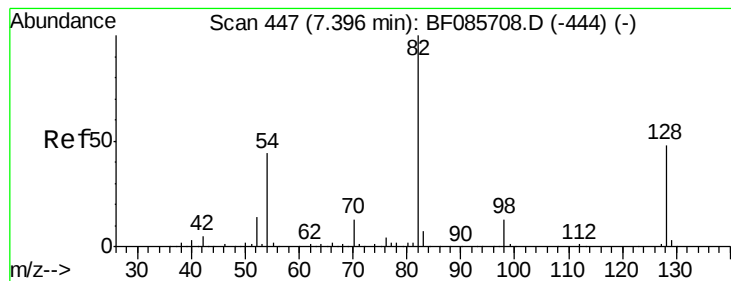
Tgt Ion: 70 Resp: 78602
Ion Ratio Lower Upper
70 100
42 43.1 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085735.D
Acq: 25 Mar 2016 1:52

Tgt Ion: 136 Resp: 417975
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.6 7.4 11.0
68 7.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 81.85 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SB-07(12-14)

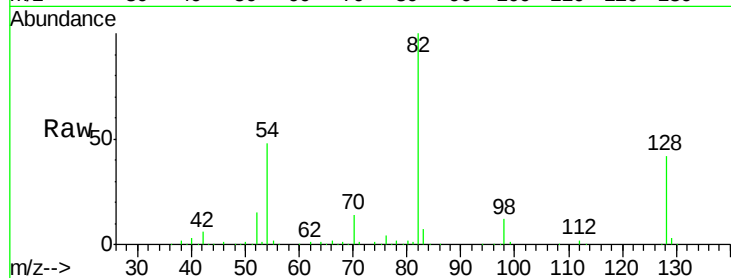
Tgt Ion: 82 Resp: 607481

Ion Ratio Lower Upper

82 100

128 42.2 41.8 62.8

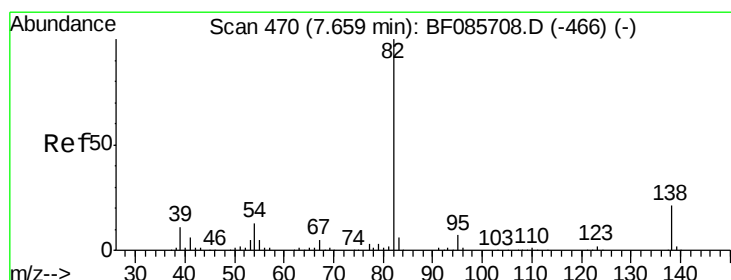
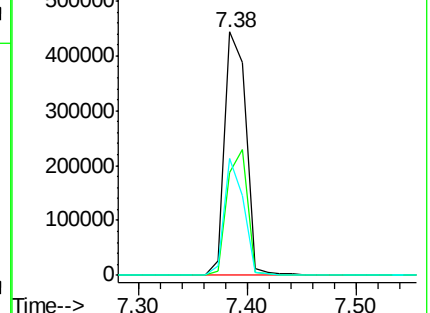
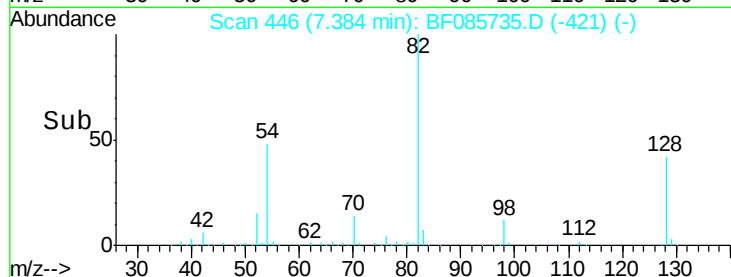
54 47.8 33.4 50.0



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: 40.82 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.27 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

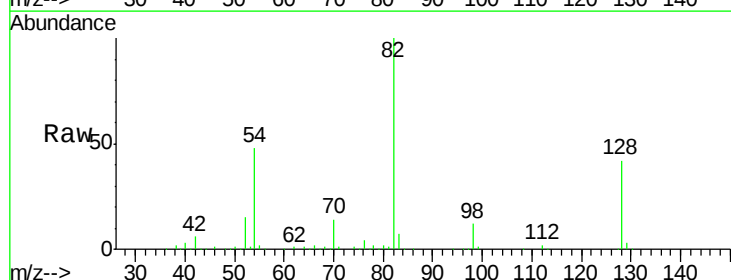
Tgt Ion: 82 Resp: 583669

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

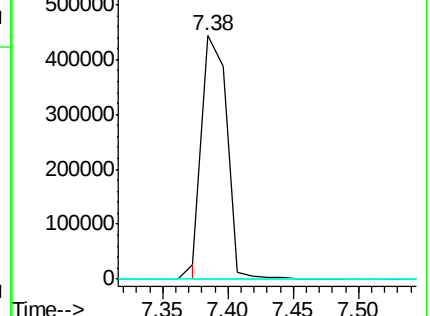
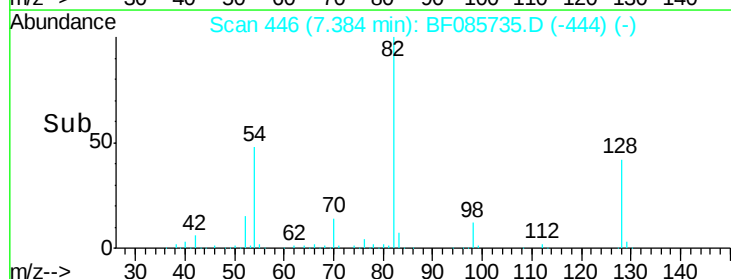
138 0.0 12.9 19.3#

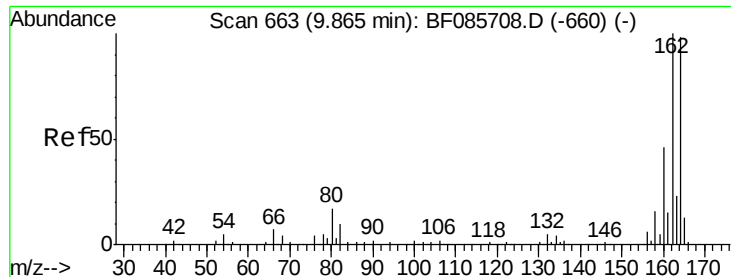


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF085735.D

Acq: 25 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SB-07(12-14)

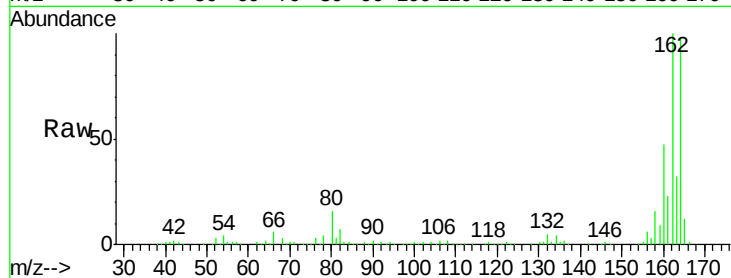
Tgt Ion:164 Resp: 211030

Ion Ratio Lower Upper

164 100

162 102.2 82.1 123.1

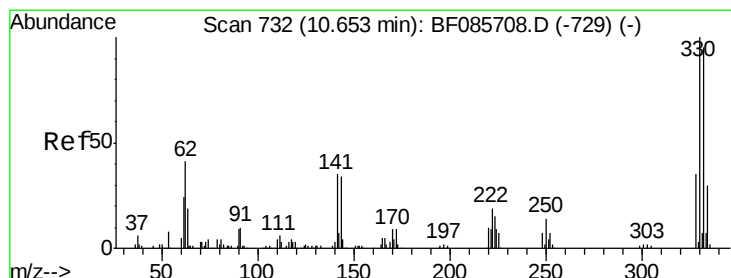
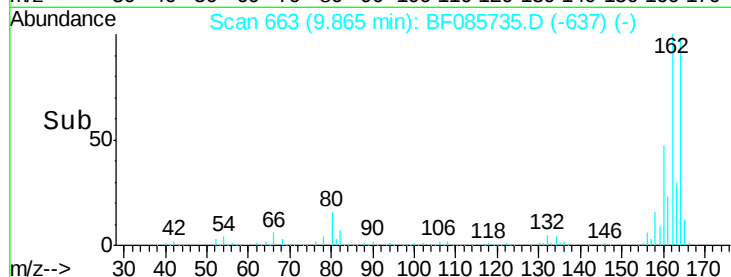
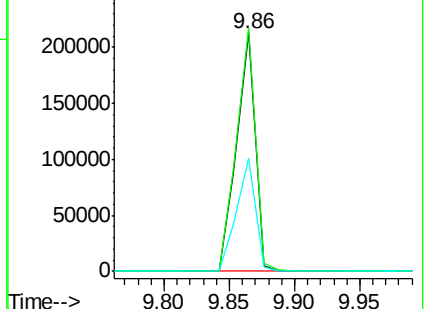
160 47.5 37.4 56.2



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: 129.42 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

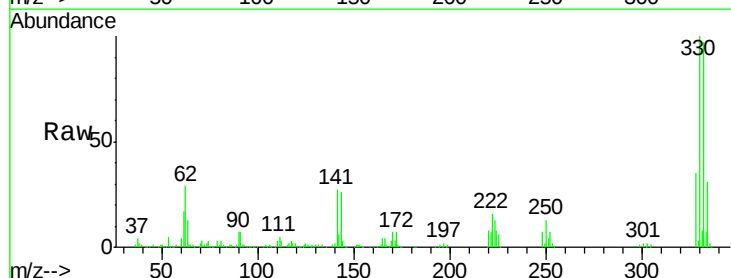
Tgt Ion:330 Resp: 259491

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.2

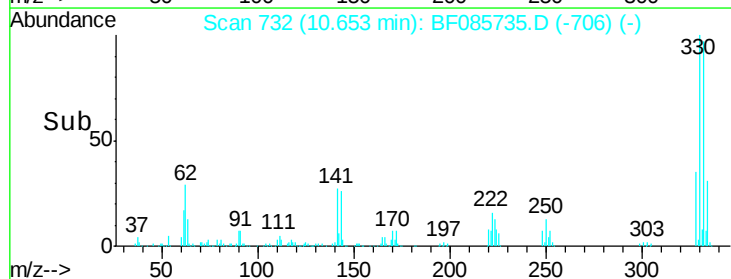
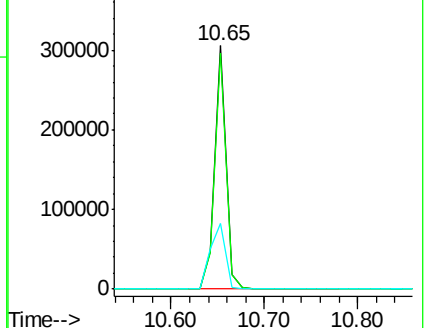
141 37.2 31.5 47.3

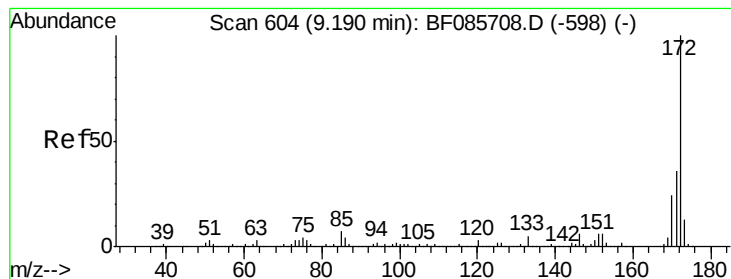


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

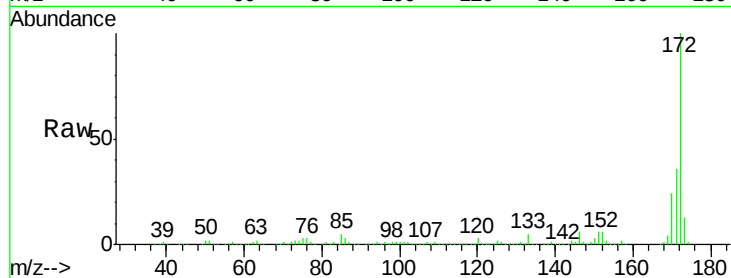




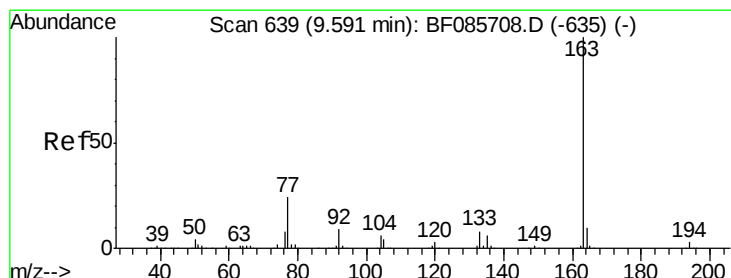
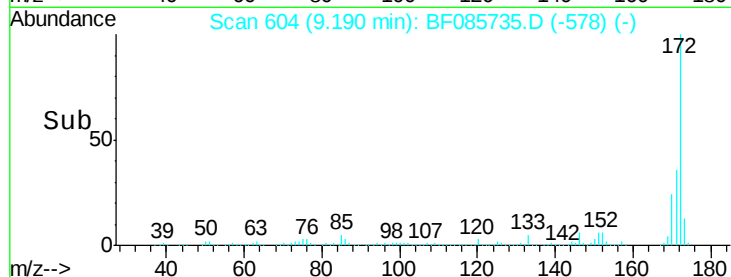
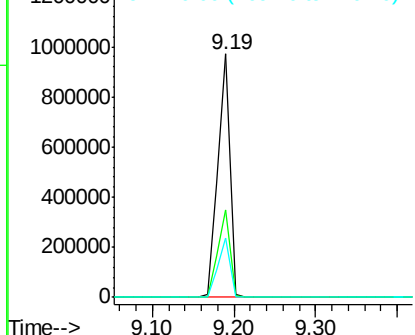
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085735.D
 Acq: 25 Mar 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(12-14)

Tgt Ion:172 Resp: 1006974
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.1 19.8 29.6

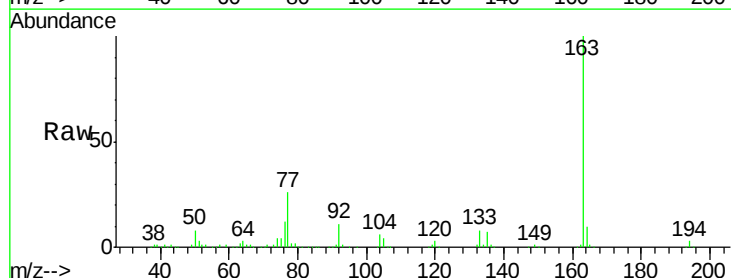


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

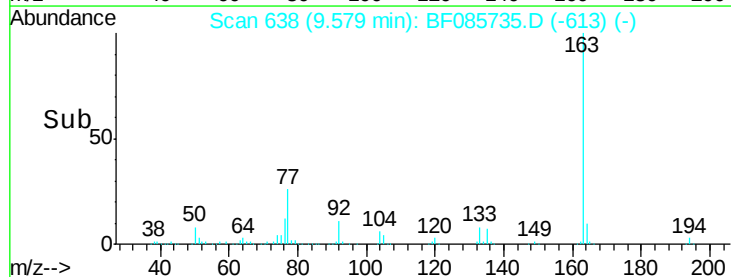
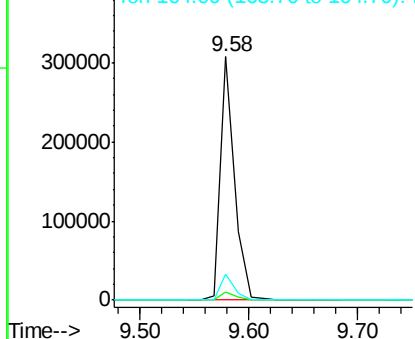


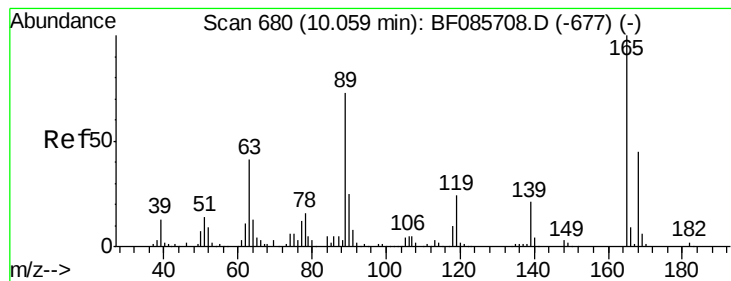
#49
 Dimethylphthalate
 Concen: 17.43 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085735.D
 Acq: 25 Mar 2016 1:52

Tgt Ion:163 Resp: 279053
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.5 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: 6.04 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.19 min

Lab File: BF085735.D

Acq: 25 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SB-07(12-14)

Tgt Ion:165 Resp: 26466

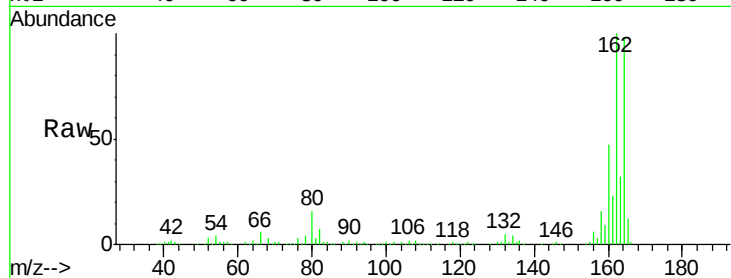
Ion Ratio Lower Upper

165 100

63 1.5 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

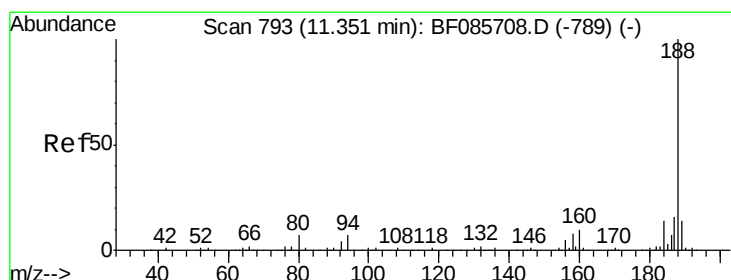
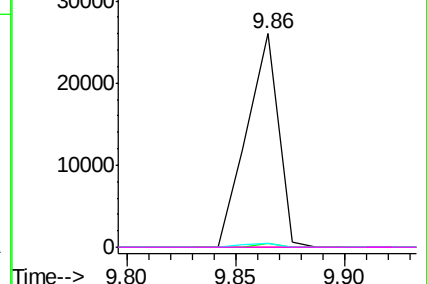
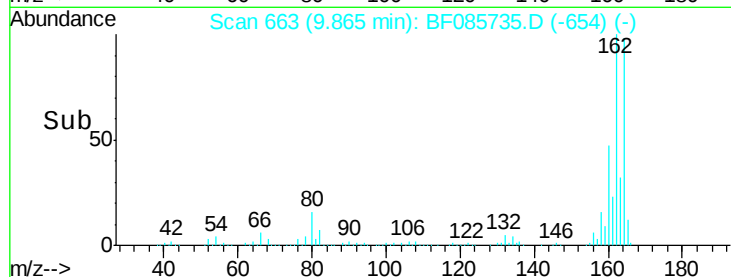


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF085735.D

Acq: 25 Mar 2016 1:52

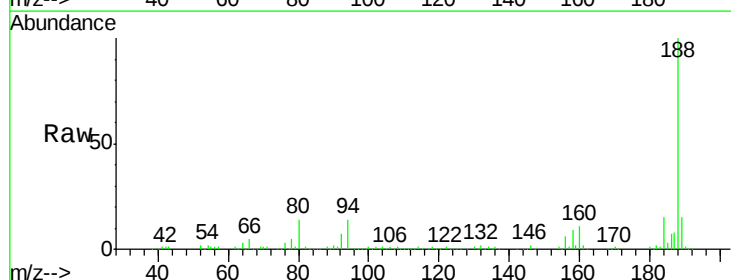
Tgt Ion:188 Resp: 386623

Ion Ratio Lower Upper

188 100

94 13.5 5.4 8.0#

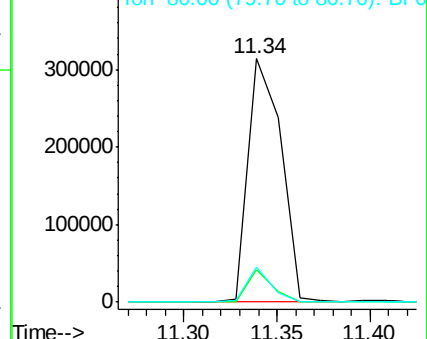
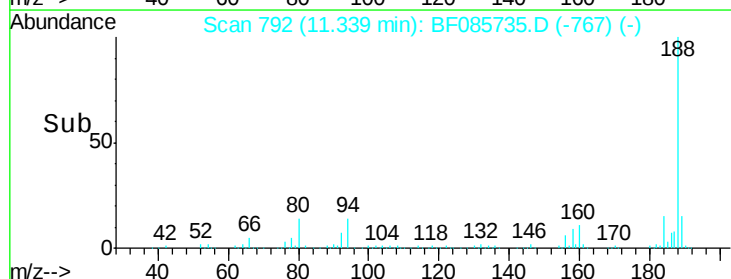
80 14.3 5.5 8.3#

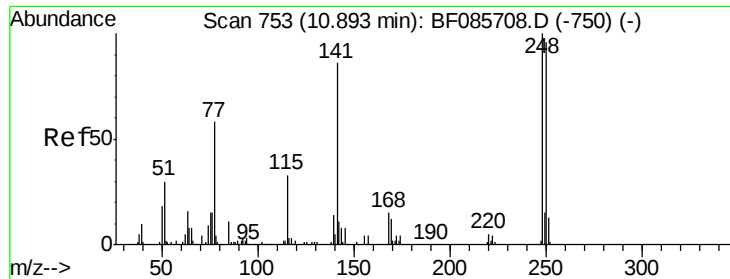


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

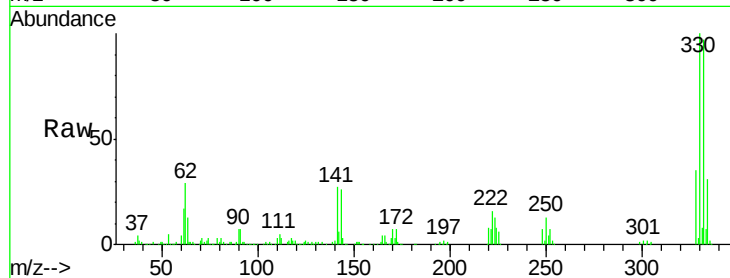




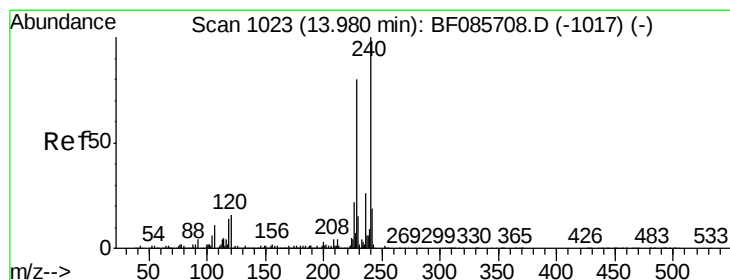
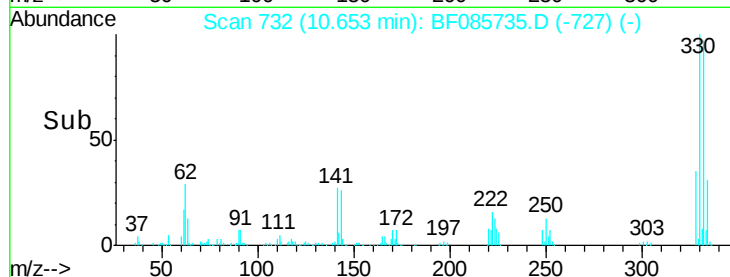
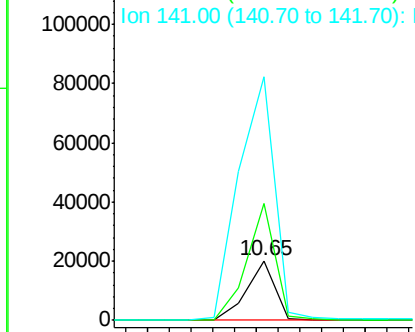
#66
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085735.D
Acq: 25 Mar 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SB-07(12-14)

Tgt Ion:248 Resp: 18369
Ion Ratio Lower Upper
248 100
250 196.6 77.4 116.0#
141 407.7 63.6 95.4#

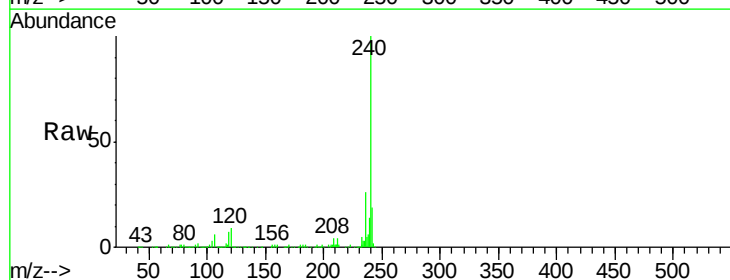


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

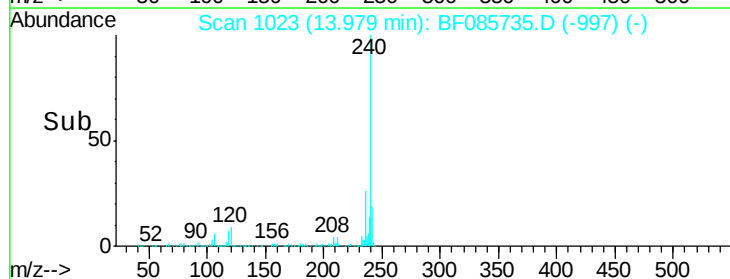
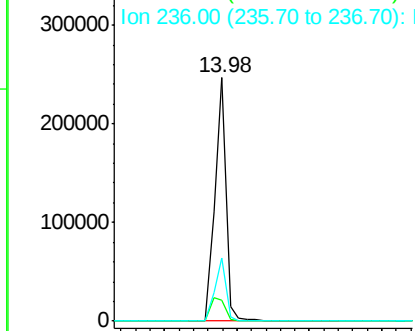


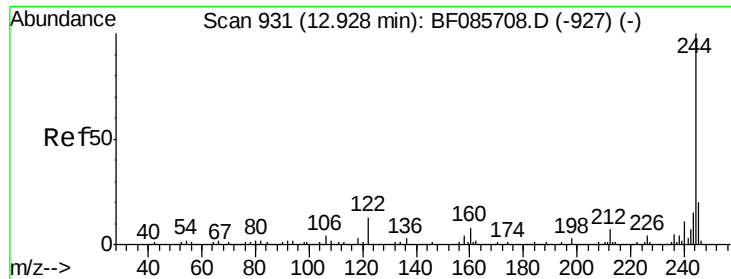
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085735.D
Acq: 25 Mar 2016 1:52

Tgt Ion:240 Resp: 261567
Ion Ratio Lower Upper
240 100
120 8.8 13.8 20.8#
236 26.0 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

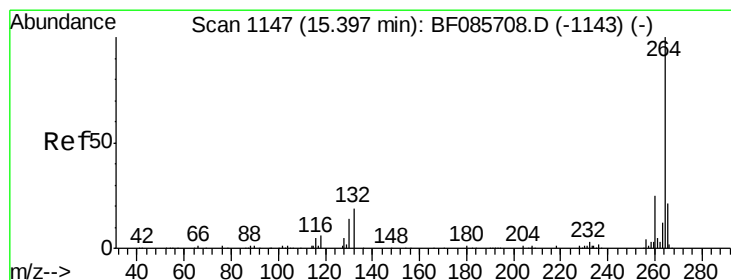
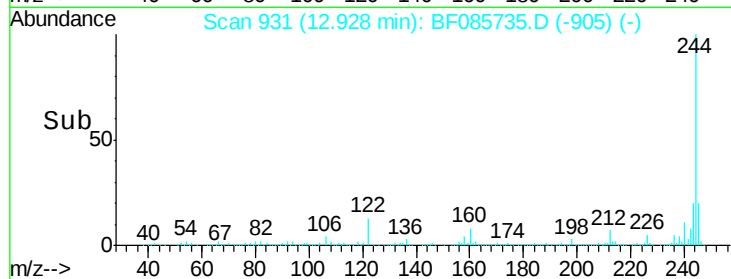
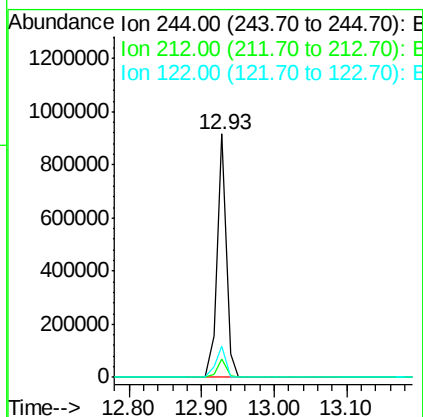
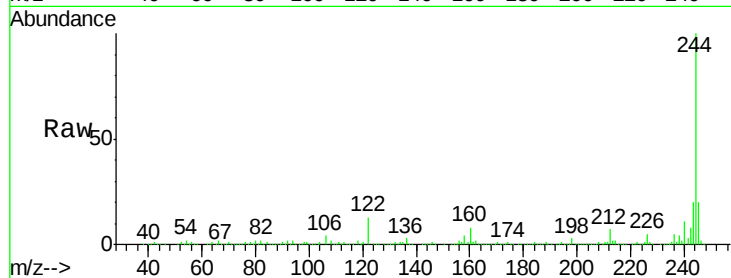




#78
 Terphenyl-d14
 Concen: 63.07 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085735.D
 Acq: 25 Mar 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(12-14)

Tgt Ion:244 Resp: 802214
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.6 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: BF085735.D
 Acq: 25 Mar 2016 1:52

Tgt Ion:264 Resp: 184422
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.6 17.2 25.8

