

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085891.D
 Acq On : 30 Mar 2016 17:31
 Operator : UM/SJ
 Sample : H2017-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Quant Time: Mar 31 00:06:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

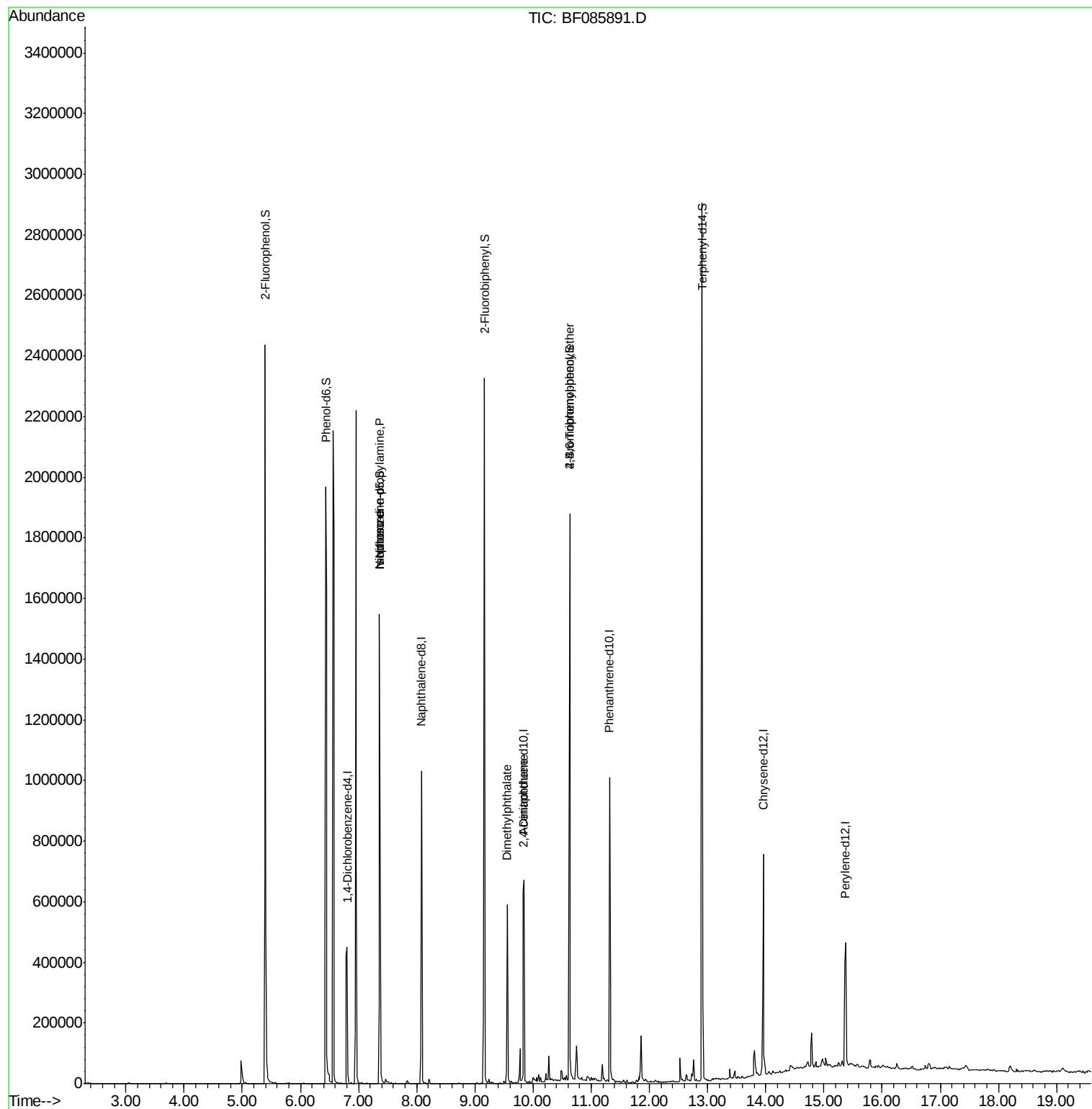
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104440	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	444516	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	192291	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	365496	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	252355	20.00	ng	-0.01
86) Perylene-d12	15.37	264	211243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	801621	127.83	ng	0.00
7) Phenol-d6	6.44	99	1143107	143.37	ng	-0.01
23) Nitrobenzene-d5	7.36	82	653237	82.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	274334	150.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1153557	100.23	ng	0.00
78) Terphenyl-d14	12.91	244	874641	71.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	84621	17.73	ng	# 77
25) Isophorone	7.36	82	590106	38.81	ng	# 68
37) 2-Methylnaphthalene	8.80	142	359	Below Cal		# 76
49) Dimethylphthalate	9.56	163	209069	14.33	ng	100
56) 2,4-Dinitrotoluene	9.83	165	24390	6.11	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	18282	4.89	ng	# 1

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

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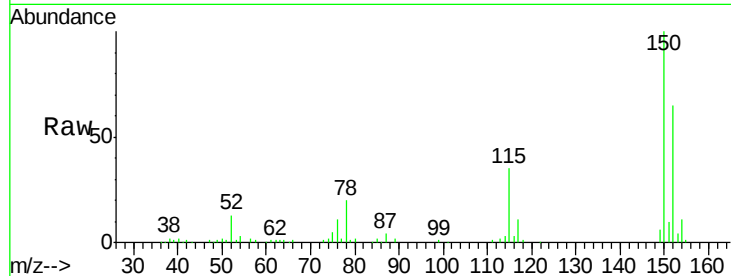


#1

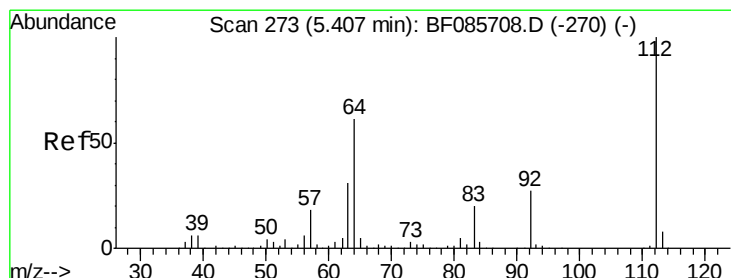
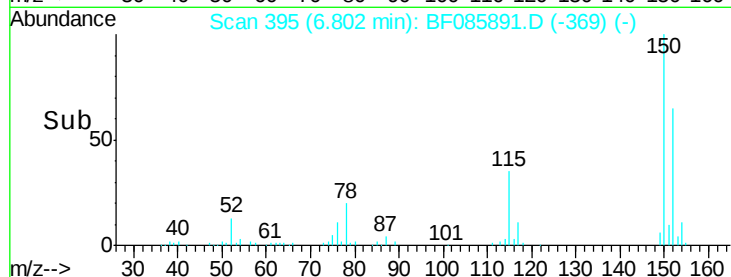
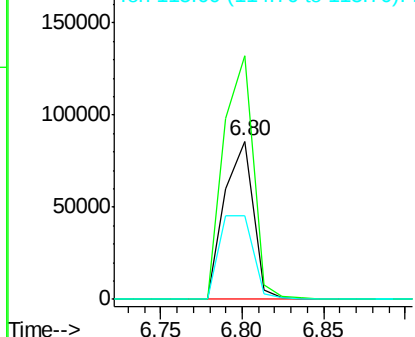
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:152 Resp: 104440
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 53.2 47.0 70.6



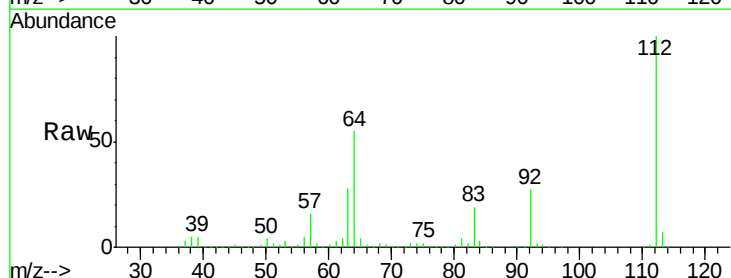
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



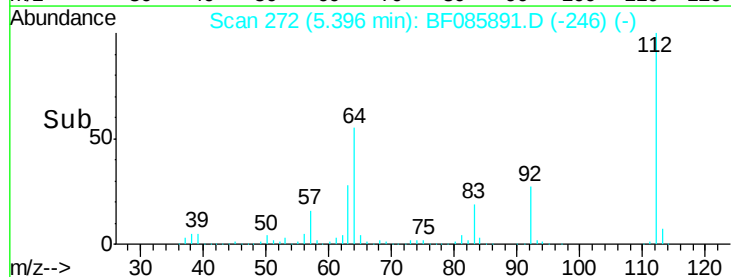
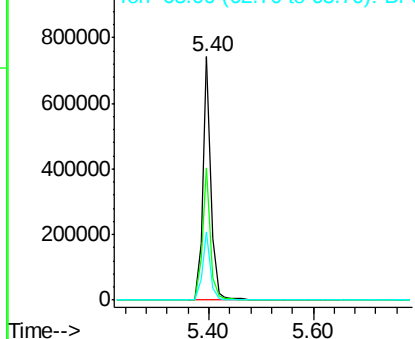
#5

2-Fluorophenol
Concen: 127.83 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Tgt Ion:112 Resp: 801621
Ion Ratio Lower Upper
112 100
64 54.5 39.9 59.9
63 28.0 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: 143.37 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

Instrument :

BNA_F

ClientSampleId :

SB-COMP

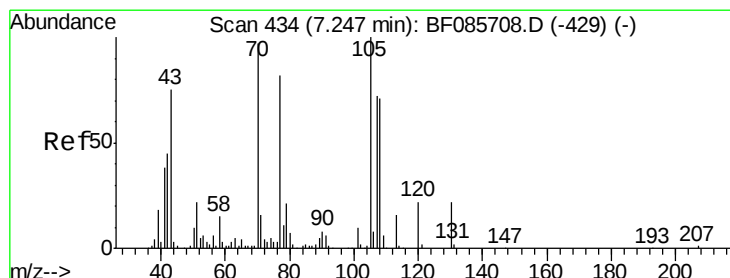
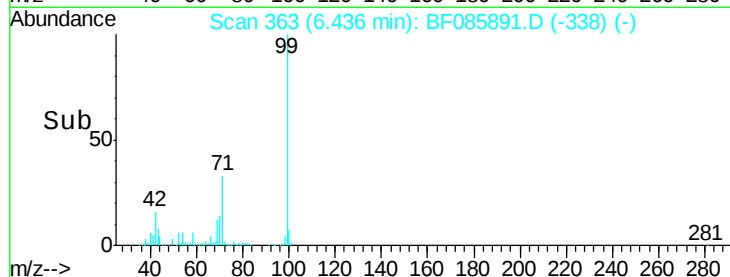
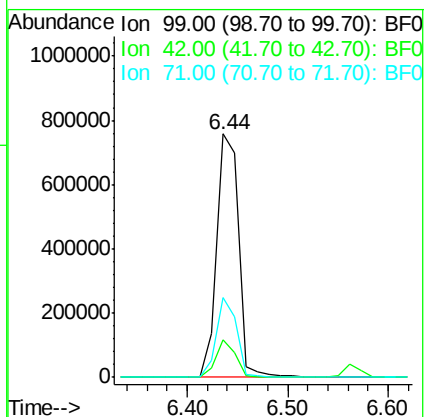
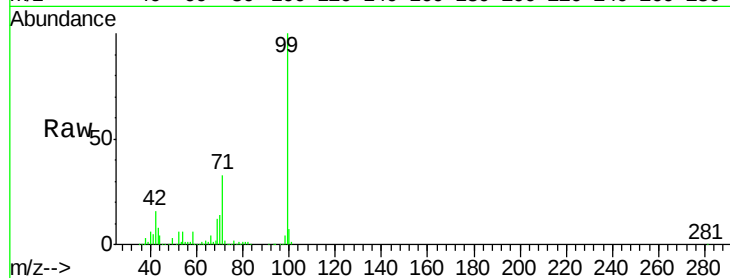
Tgt Ion: 99 Resp: 1143107

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 32.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.73 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

Tgt Ion: 70 Resp: 84621

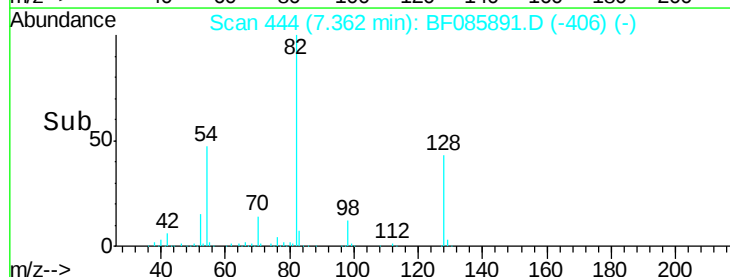
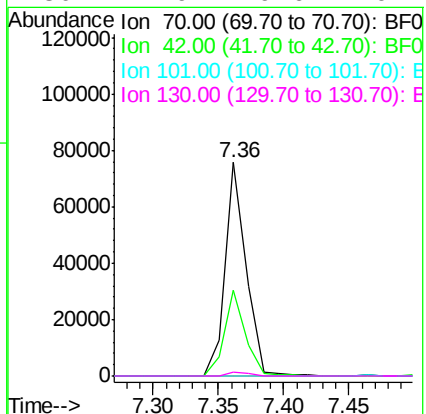
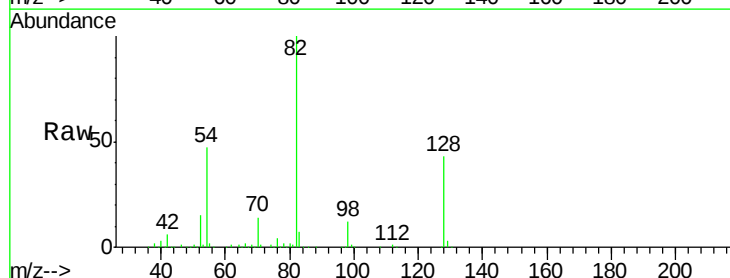
Ion Ratio Lower Upper

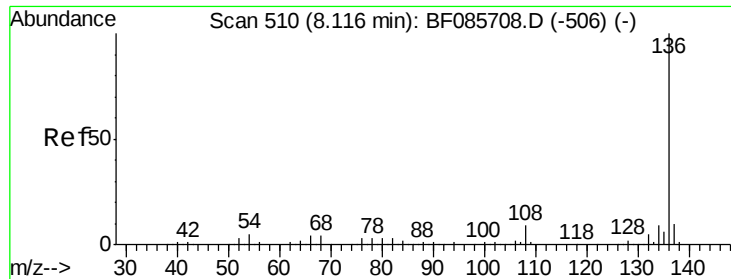
70 100

42 40.3 37.1 55.7

101 0.0 8.6 12.8#

130 1.9 19.6 29.4#

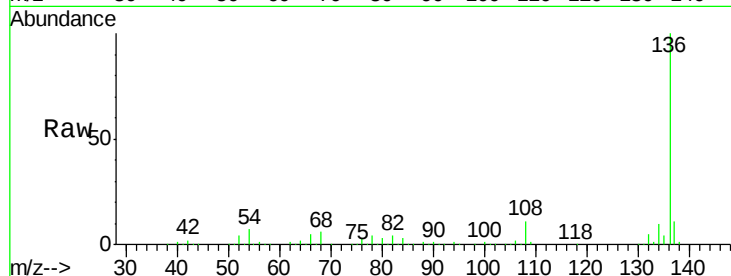




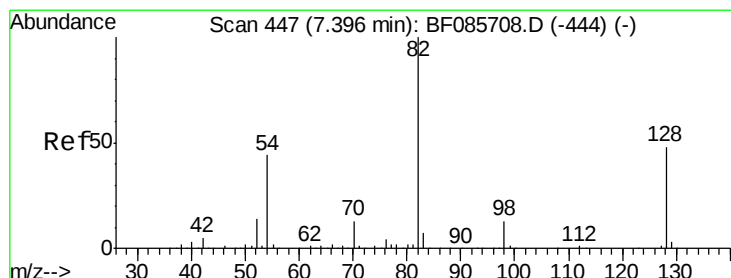
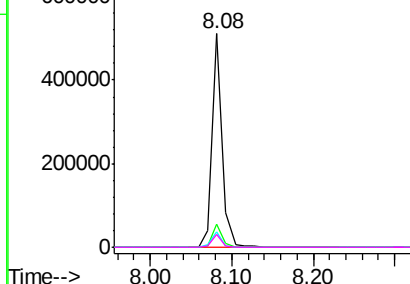
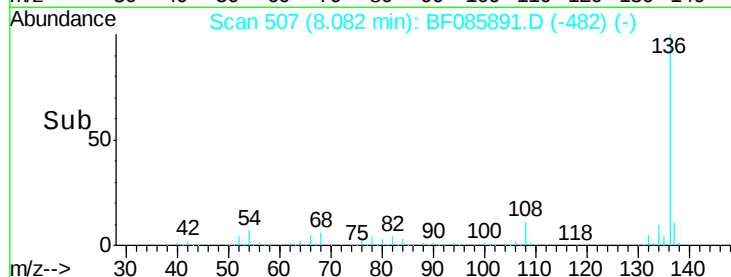
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:	136	Resp:	444516
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	7.4	11.0
68	6.2	5.8	8.8

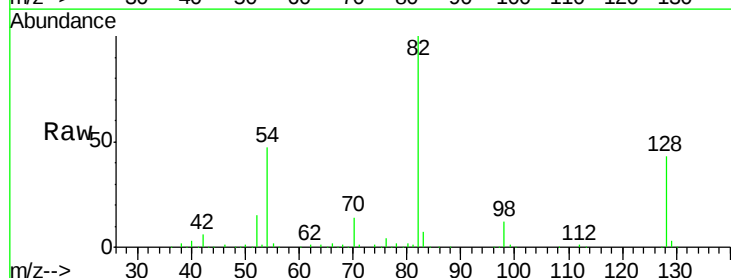


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

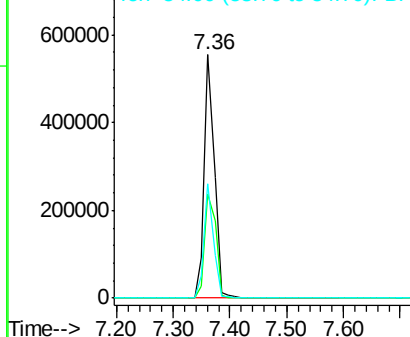
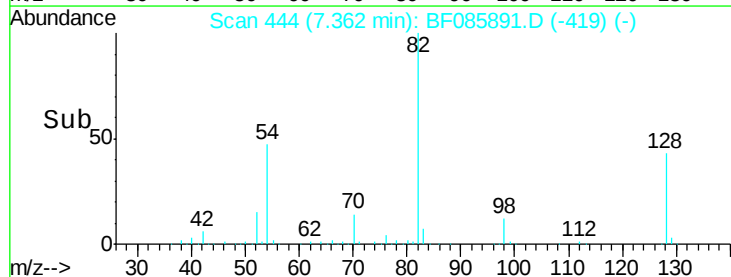


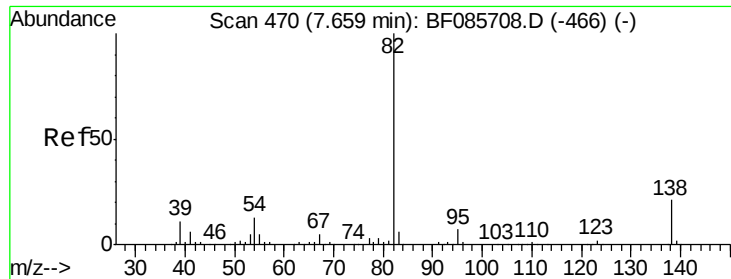
#23
Nitrobenzene-d5
Concen: 82.76 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Tgt Ion:	82	Resp:	653237
Ion	Ratio	Lower	Upper
82	100		
128	42.7	41.8	62.8
54	47.1	33.4	50.0



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





#25

Isophorone

Concen: 38.81 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

Instrument :

BNA_F

ClientSampleId :

SB-COMP

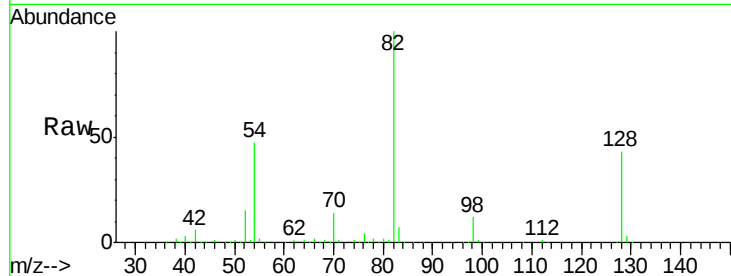
Tgt Ion: 82 Resp: 590106

Ion Ratio Lower Upper

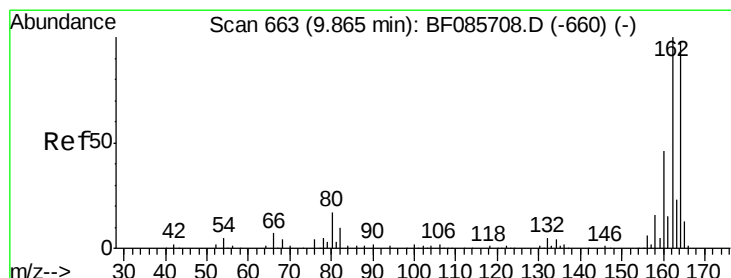
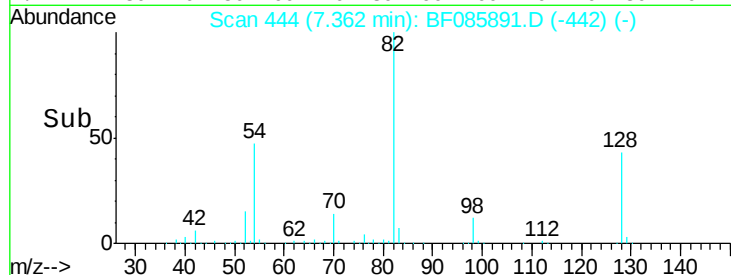
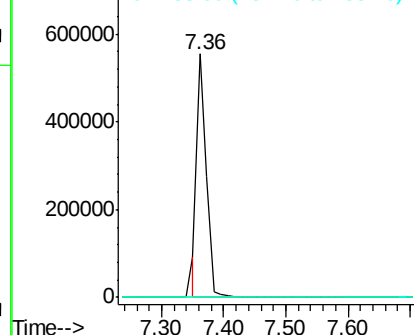
82 100

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: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

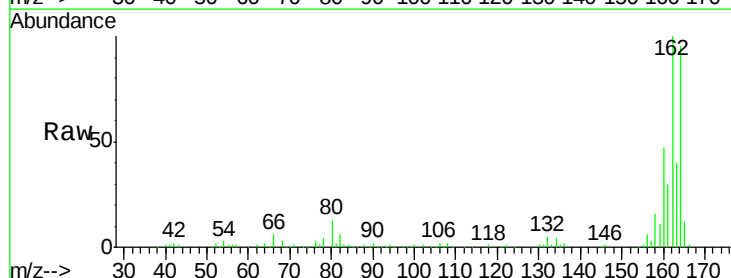
Tgt Ion: 164 Resp: 192291

Ion Ratio Lower Upper

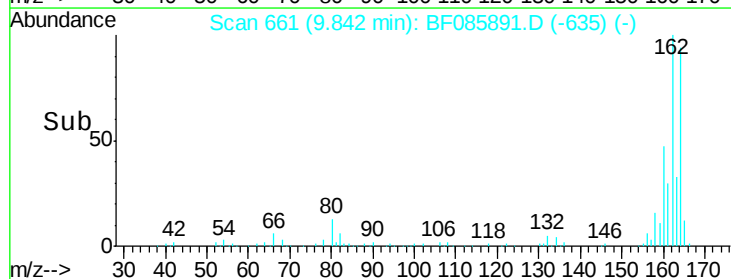
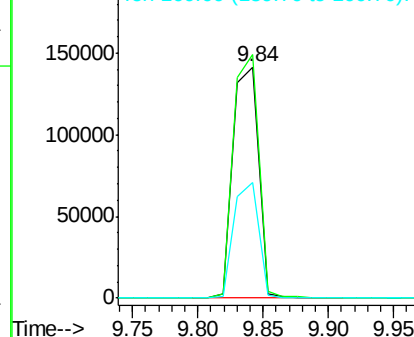
164 100

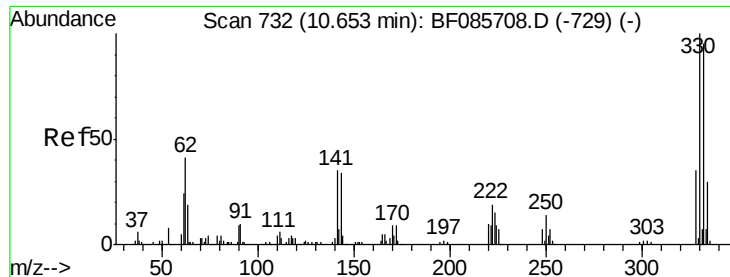
162 105.4 82.1 123.1

160 50.0 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

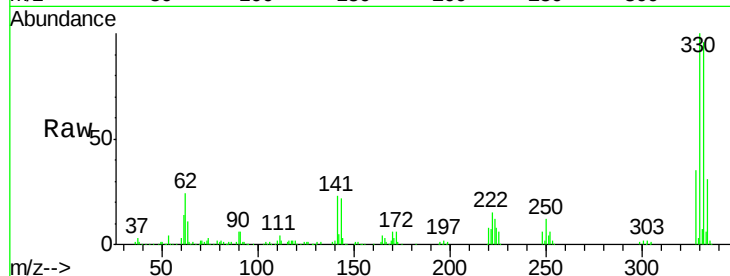




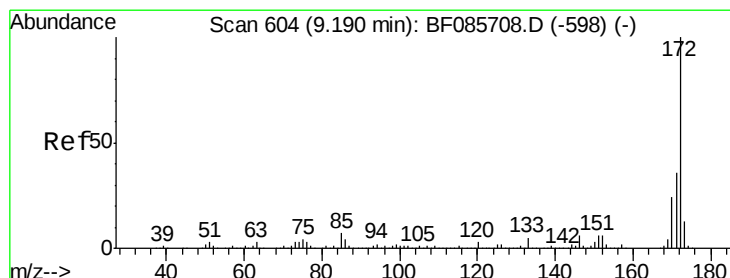
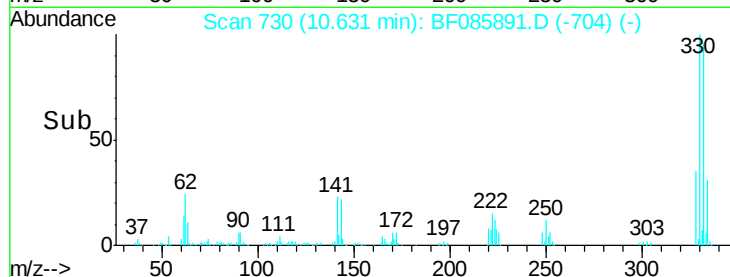
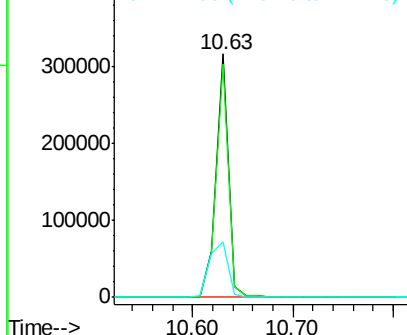
#41
 2,4,6-Tribromophenol
 Concen: 150.16 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085891.D
 Acq: 30 Mar 2016 17:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Tgt Ion:330 Resp: 274334
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 34.3 31.5 47.3

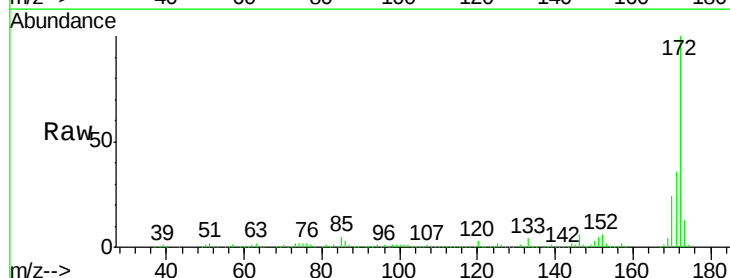


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

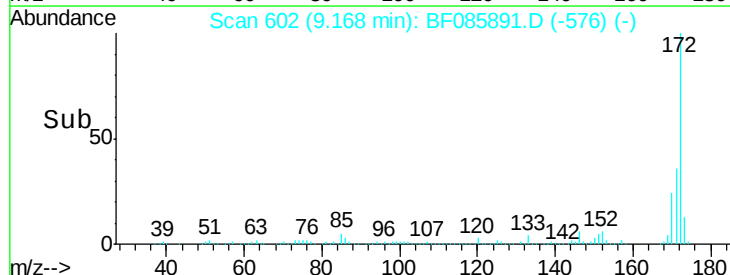
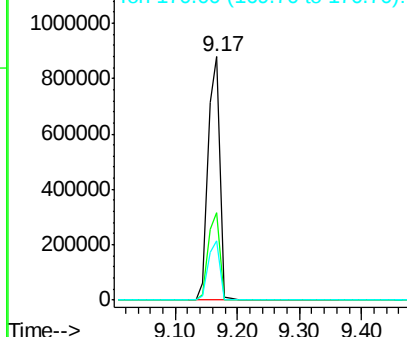


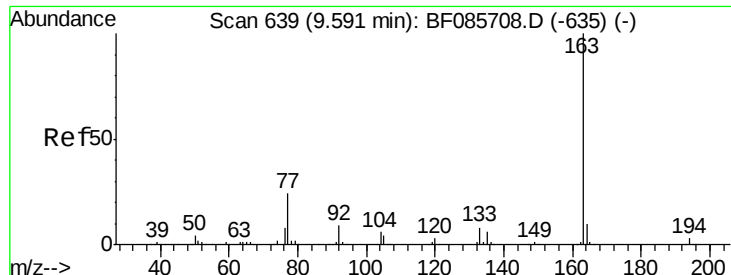
#44
 2-Fluorobiphenyl
 Concen: 100.23 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085891.D
 Acq: 30 Mar 2016 17:31

Tgt Ion:172 Resp: 1153557
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.2 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

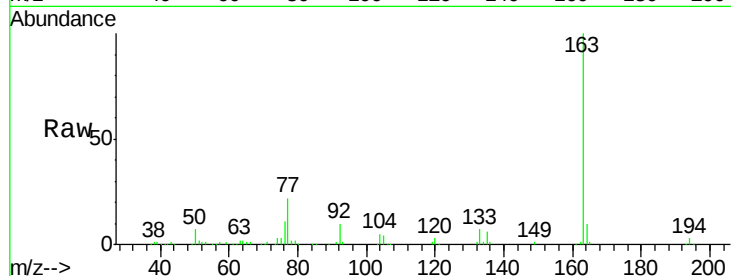




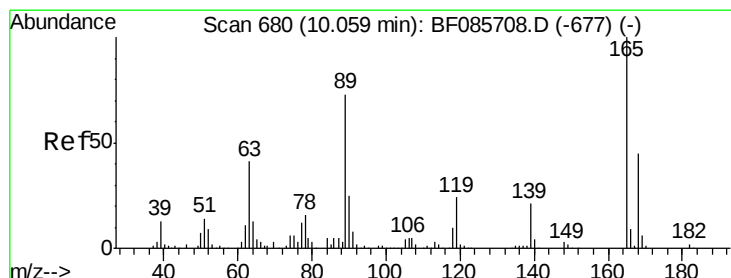
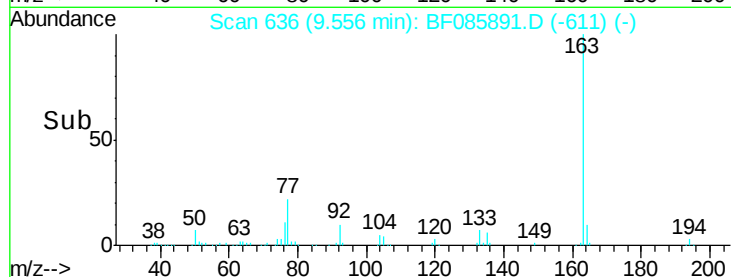
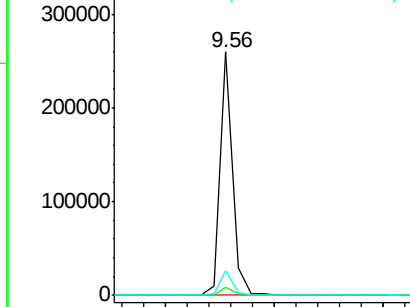
#49
Dimethylphthalate
Concen: 14.33 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:163 Resp: 209069
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.4 8.3 12.5

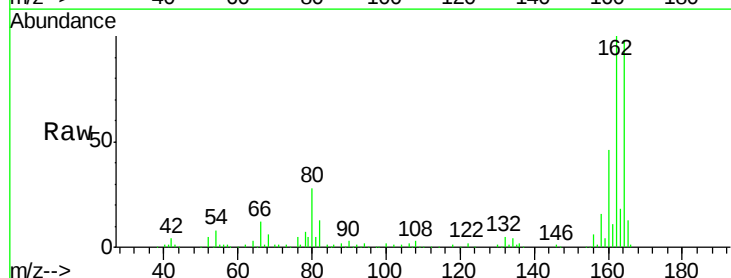


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

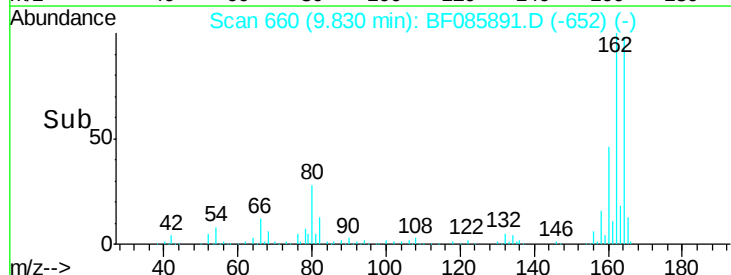
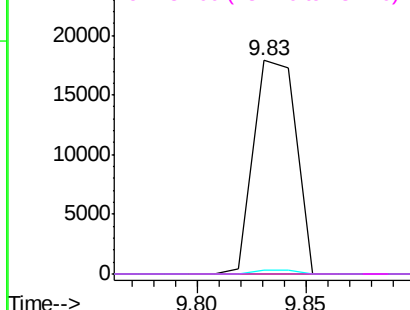


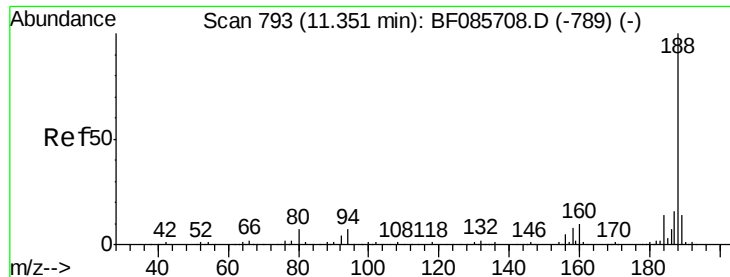
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Tgt Ion:165 Resp: 24390
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 2.0 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

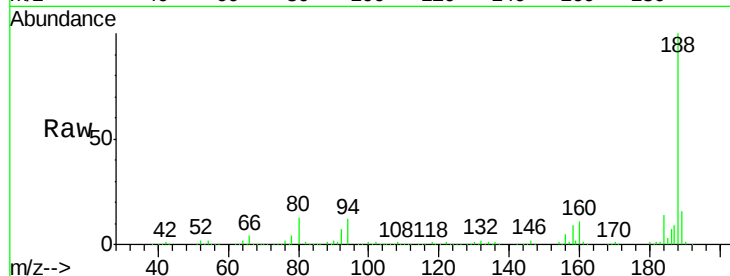




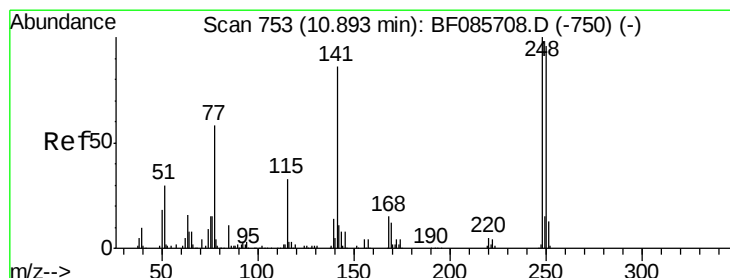
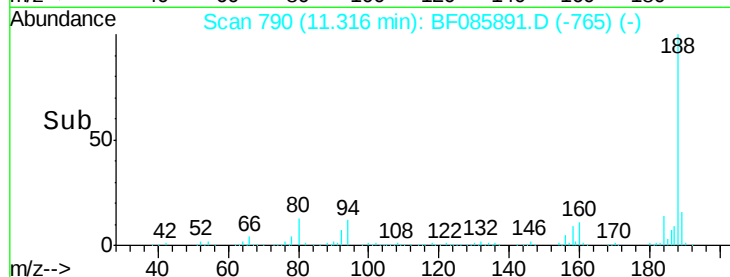
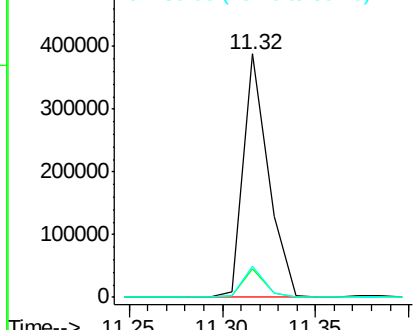
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:188 Resp: 365496
Ion Ratio Lower Upper
188 100
94 12.0 5.4 8.0#
80 12.9 5.5 8.3#

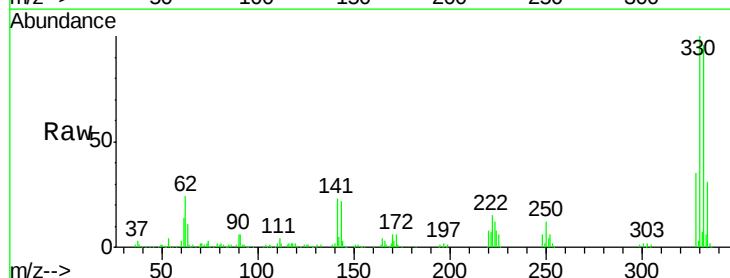


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

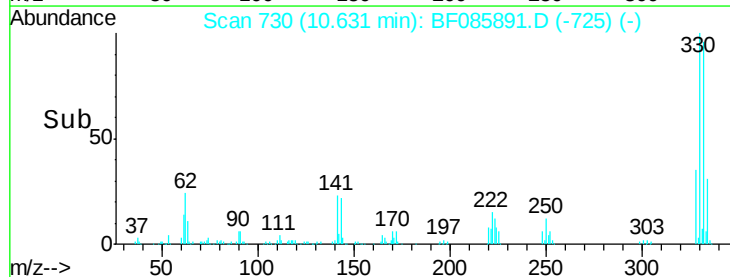
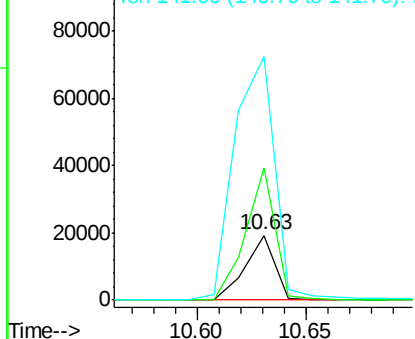


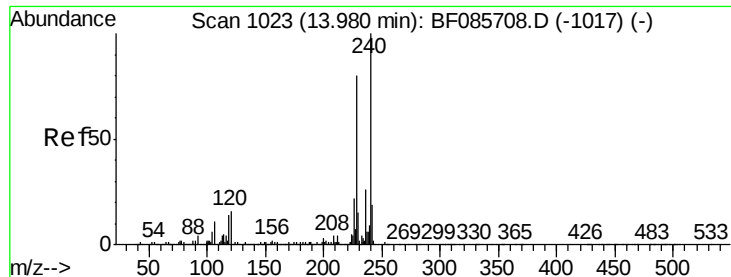
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Tgt Ion:248 Resp: 18282
Ion Ratio Lower Upper
248 100
250 204.5 77.4 116.0#
141 375.9 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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

Instrument :

BNA_F

ClientSampleId :

SB-COMP

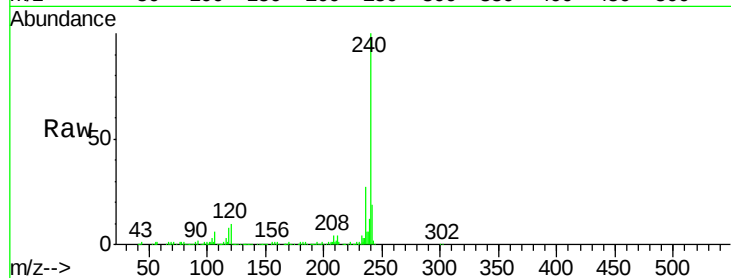
Tgt Ion:240 Resp: 252355

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

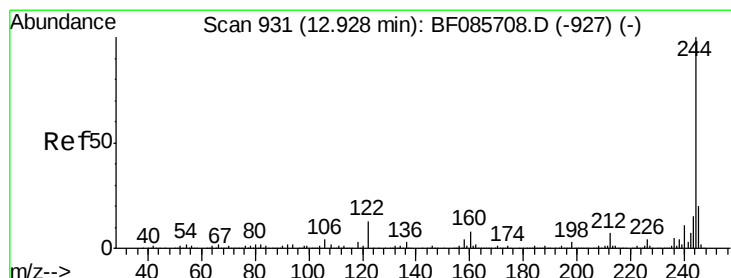
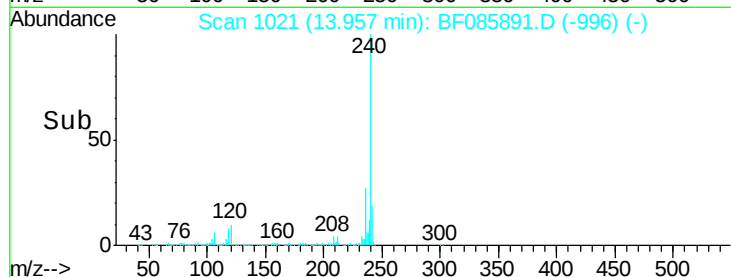
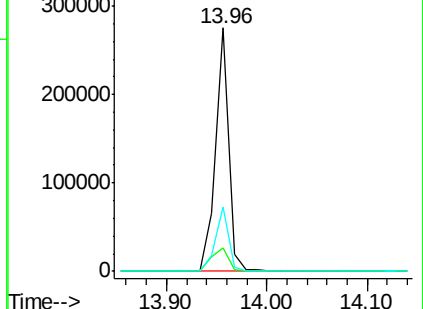
236 26.6 20.6 30.8



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: 71.28 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085891.D

Acq: 30 Mar 2016 17:31

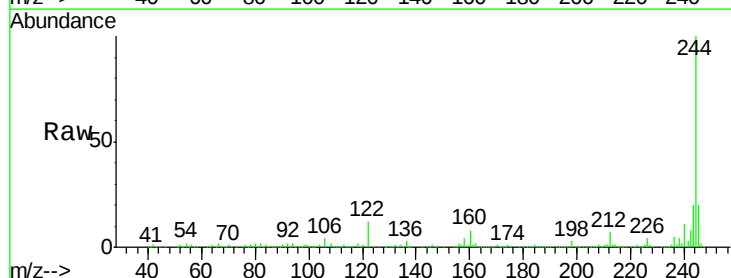
Tgt Ion:244 Resp: 874641

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

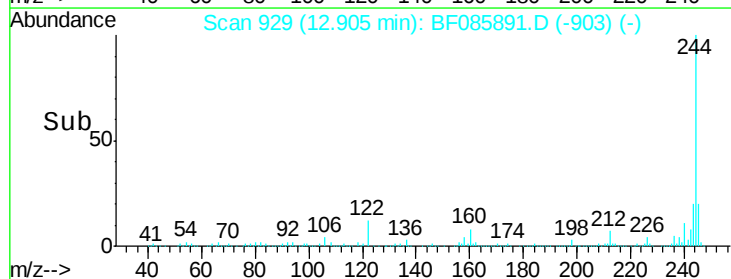
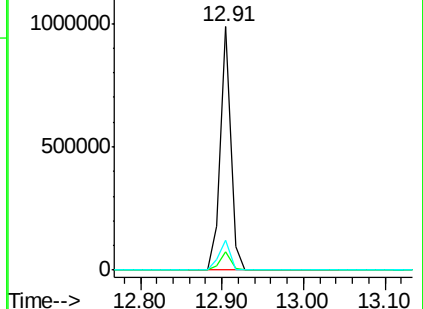
122 12.1 10.2 15.4

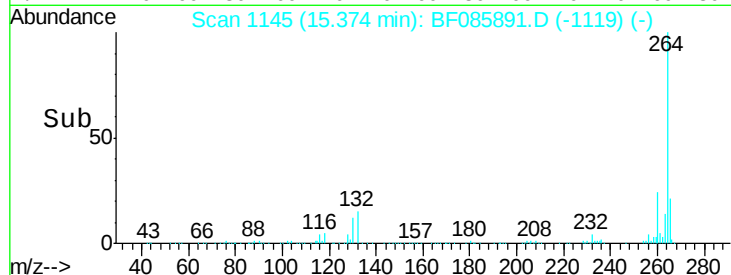
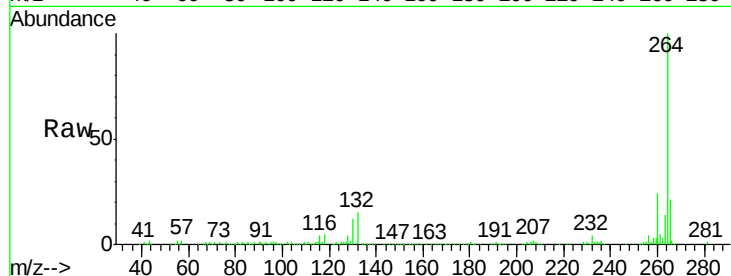
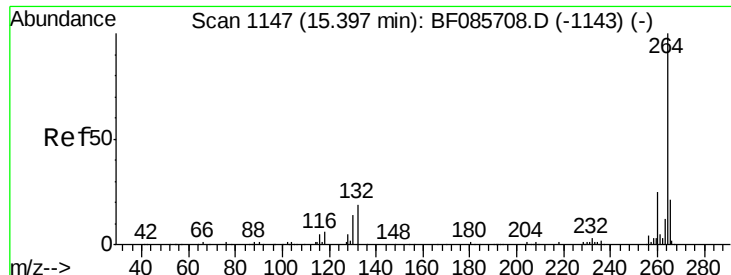


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085891.D
Acq: 30 Mar 2016 17:31

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.2	25.8

