

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085721.D
 Acq On : 24 Mar 2016 18:45
 Operator : UM/SJ
 Sample : PB89173BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BL

Quant Time: Mar 24 23:52:30 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

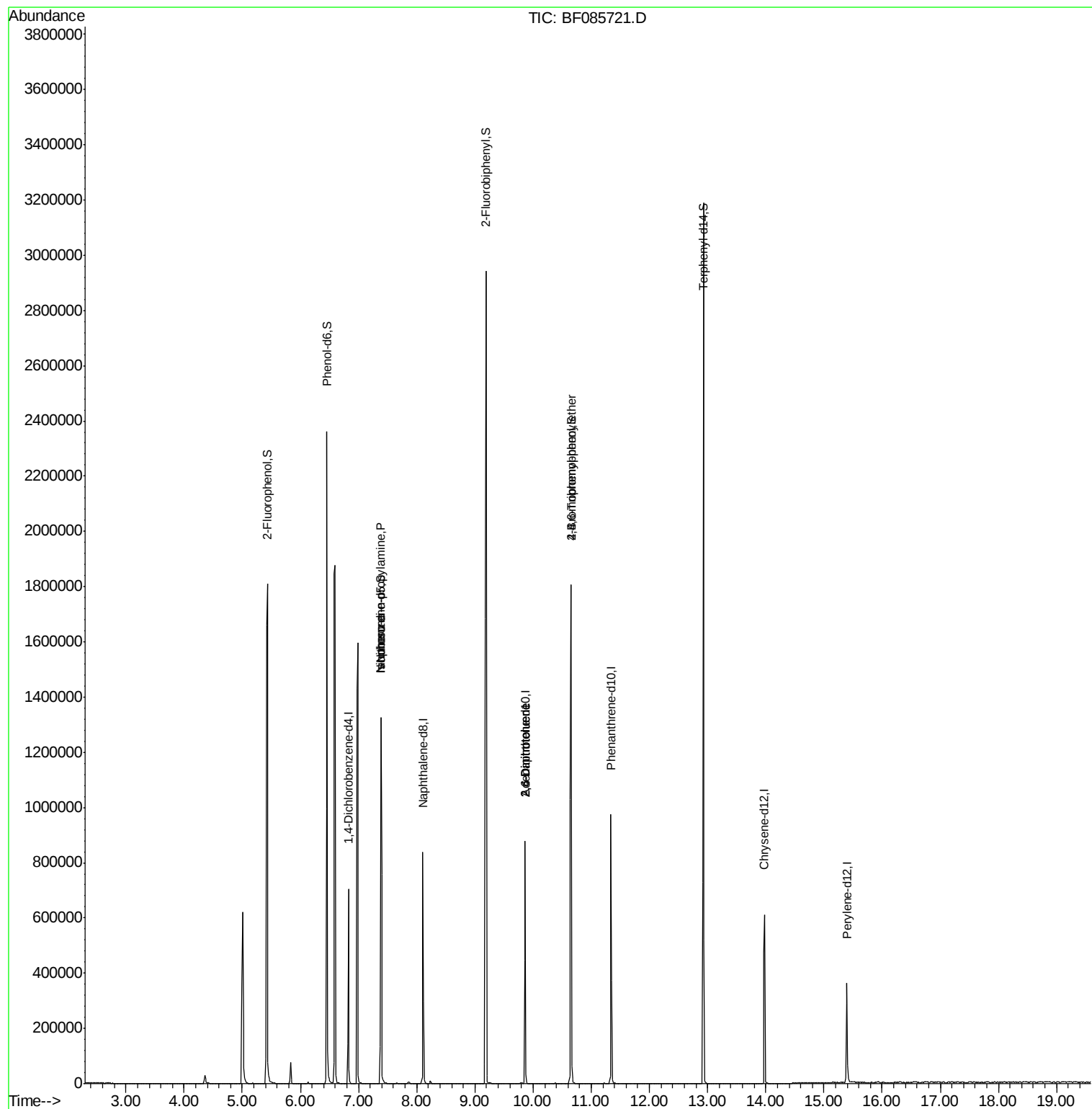
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	413959	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	201172	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	382361	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	289002	20.00	ng	0.00
86) Perylene-d12	15.40	264	193459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	813597	125.45	ng	0.02
7) Phenol-d6	6.46	99	937479	113.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	565576	76.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	283113	148.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1131602	93.98	ng	0.00
78) Terphenyl-d14	12.93	244	1022688	72.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	71264	14.43	ng	# 80
25) Isophorone	7.38	82	528175	37.30	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	25626	7.80	ng	# 18
56) 2,4-Dinitrotoluene	9.86	165	25626	6.14	ng	# 36
66) 4-Bromophenyl-phenylether	10.65	248	18617	4.76	ng	# 1

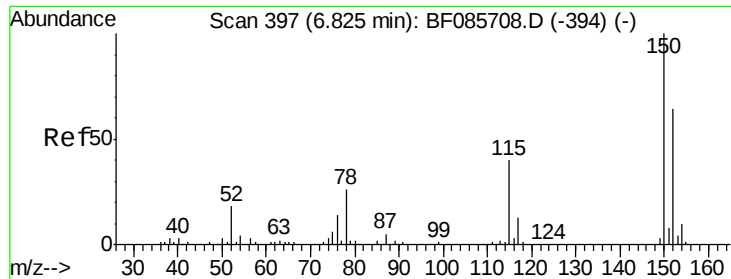
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

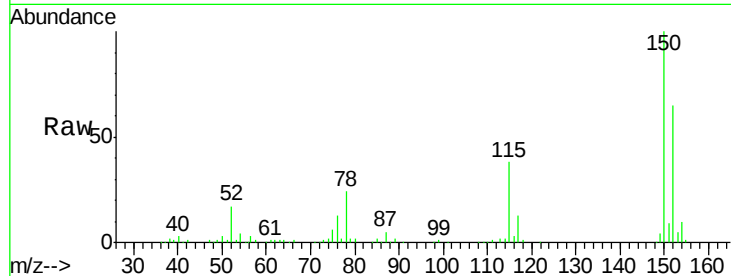
Tgt Ion:152 Resp: 108010

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

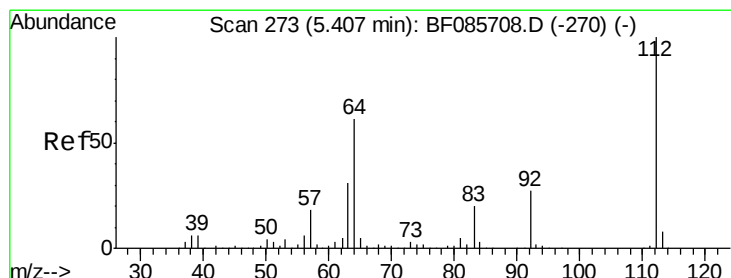
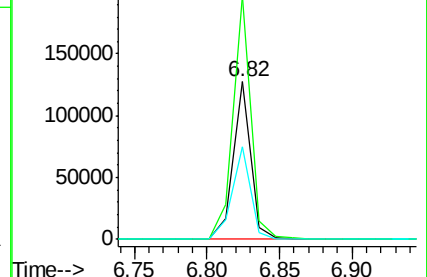
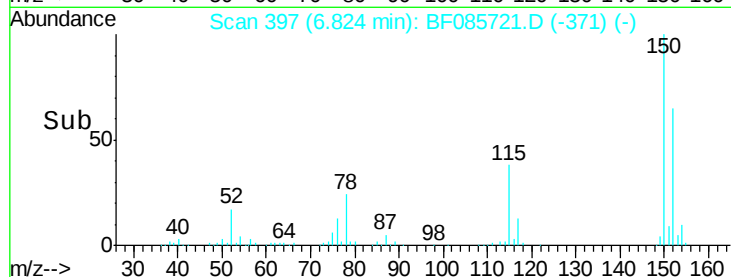
115 59.2 47.0 70.6



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: 125.45 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

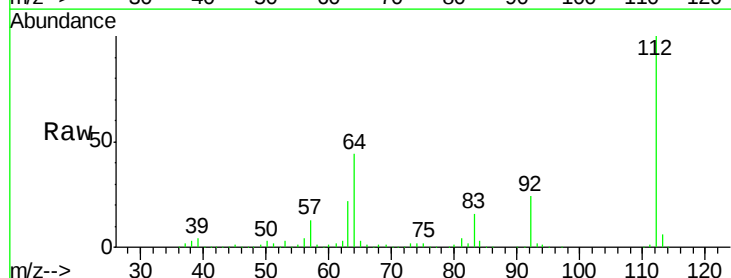
Tgt Ion:112 Resp: 813597

Ion Ratio Lower Upper

112 100

64 44.5 39.9 59.9

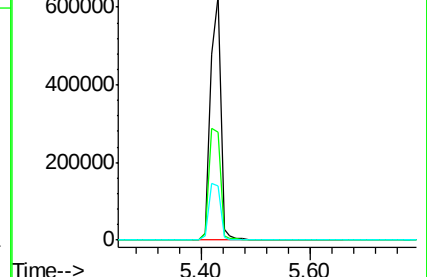
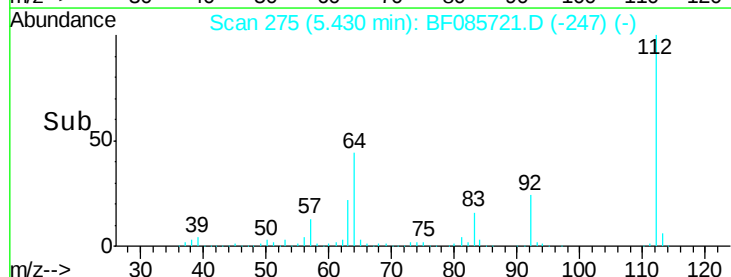
63 22.3 20.2 30.2

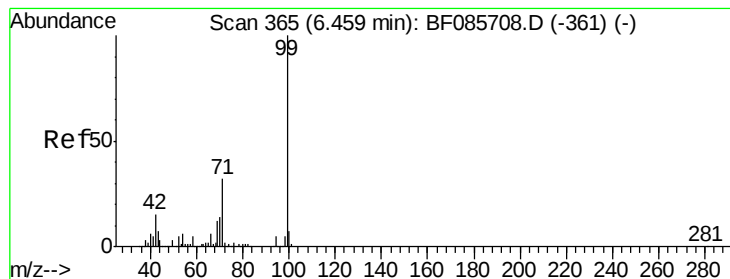


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.69 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

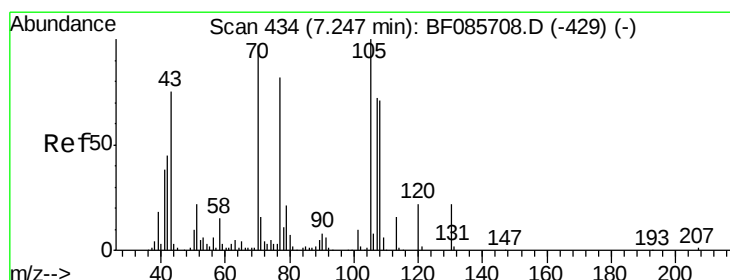
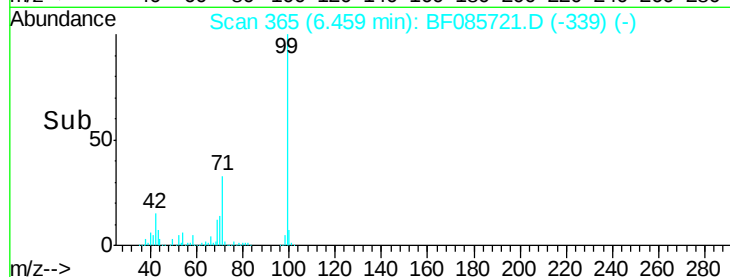
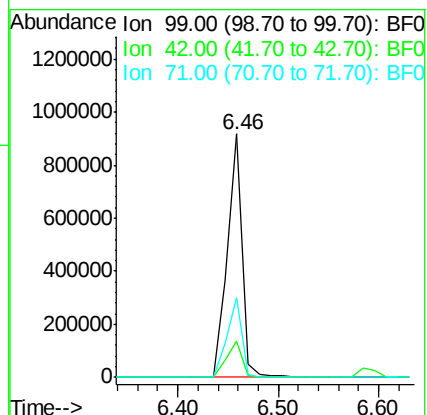
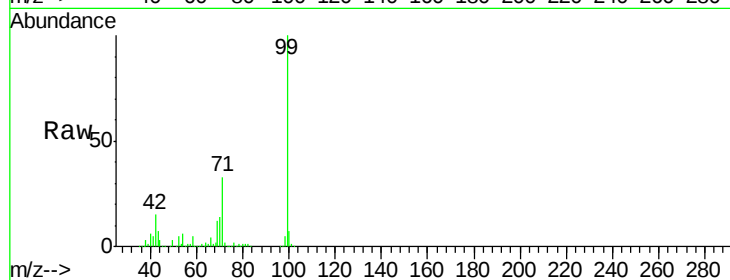
Tgt Ion: 99 Resp: 937479

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

71 32.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.43 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Tgt Ion: 70 Resp: 71264

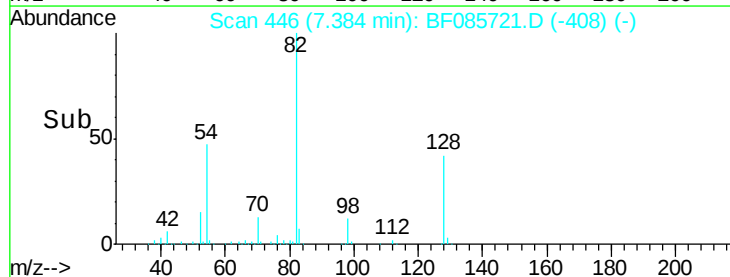
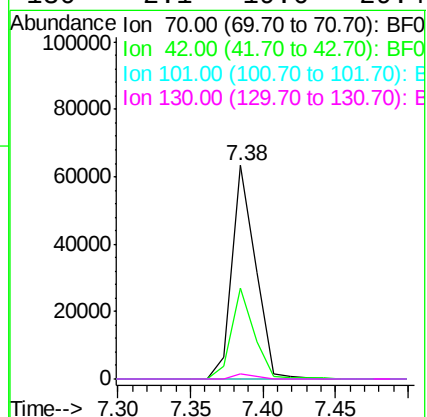
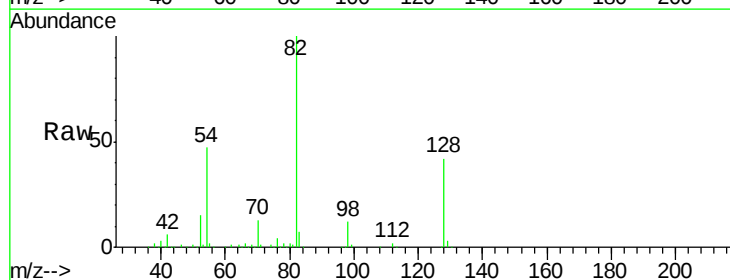
Ion Ratio Lower Upper

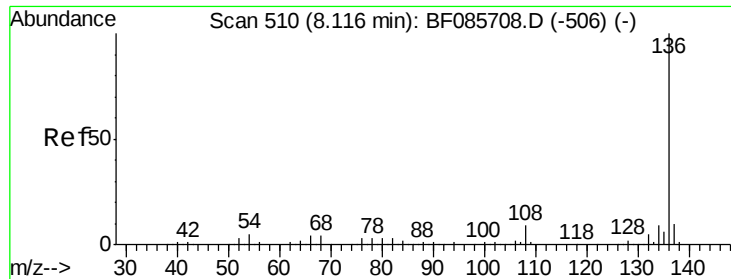
70 100

42 42.6 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

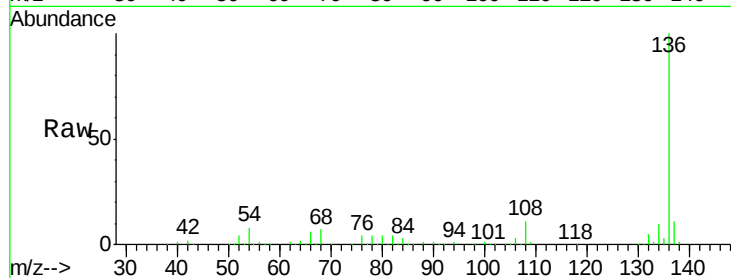




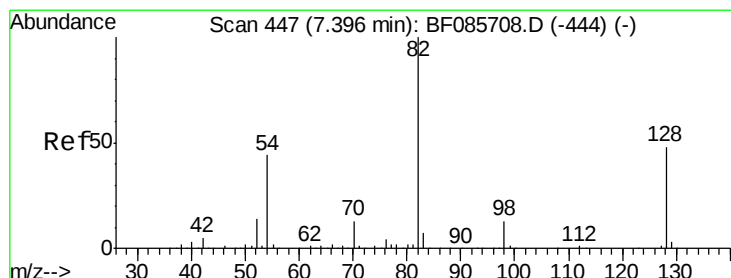
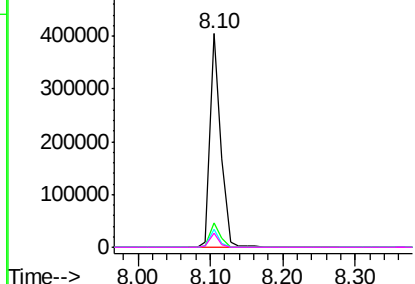
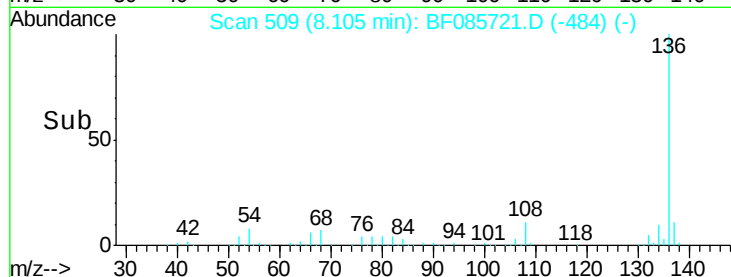
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Instrument :
BNA_F
ClientSampleId :
PB89173BL

Tgt Ion:	136	Resp:	413959
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	7.4	11.0
68	6.7	5.8	8.8

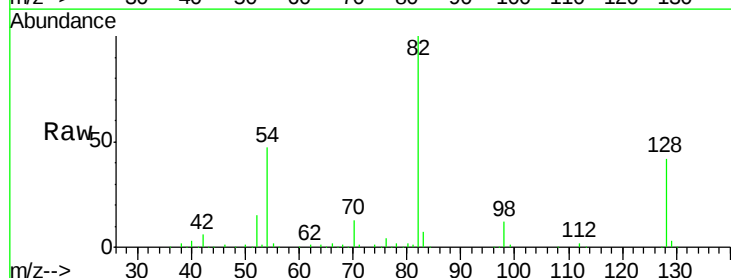


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

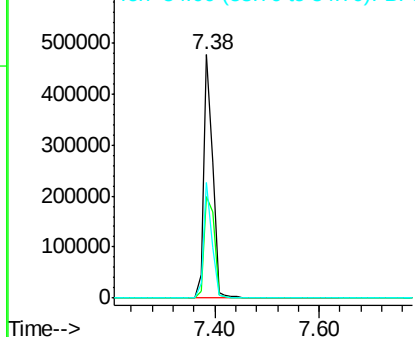
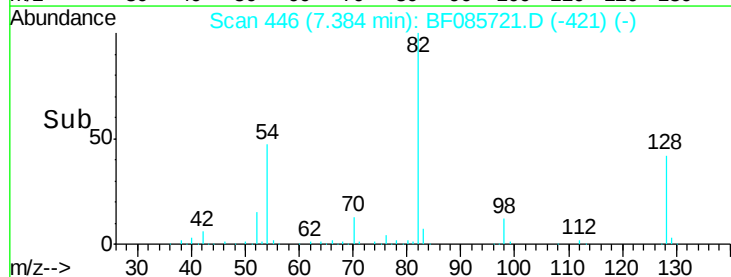


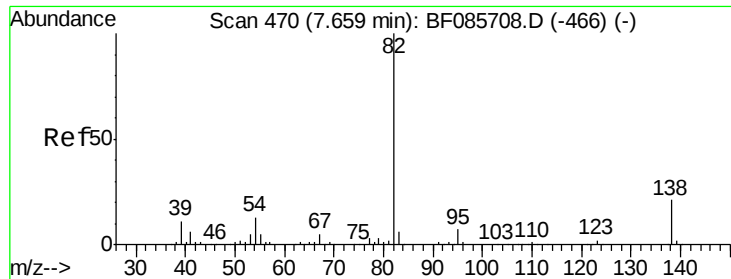
#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Tgt Ion:	82	Resp:	565576
Ion	Ratio	Lower	Upper
82	100		
128	41.7	41.8	62.8#
54	47.4	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: 37.30 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.27 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

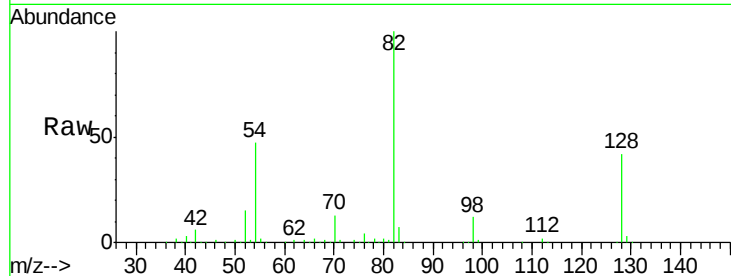
Tgt Ion: 82 Resp: 528175

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

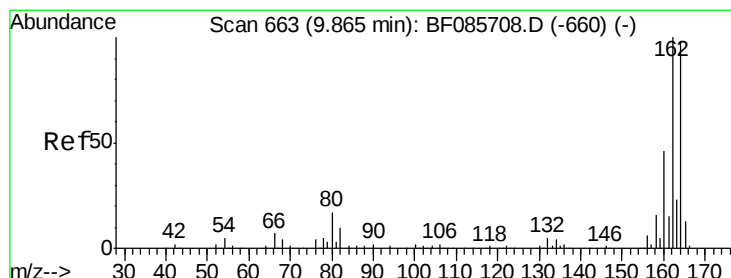
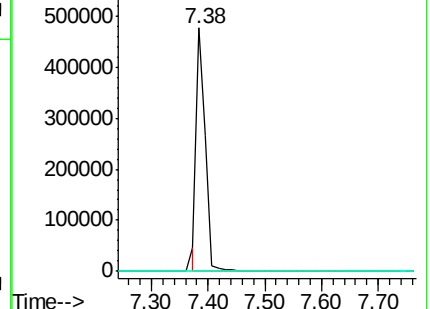
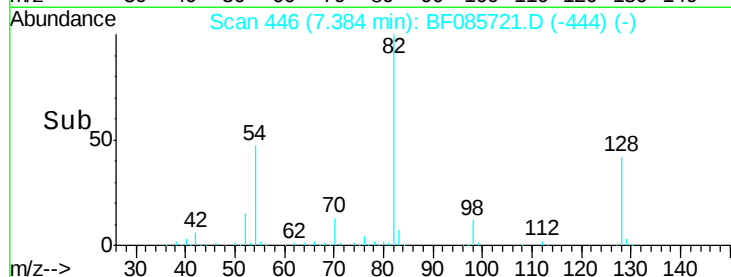
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF085721.D (-444) (-)

Ion 95.00 (94.70 to 95.70): BF085721.D (-444) (-)

Ion 138.00 (137.70 to 138.70): BF085721.D (-444) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

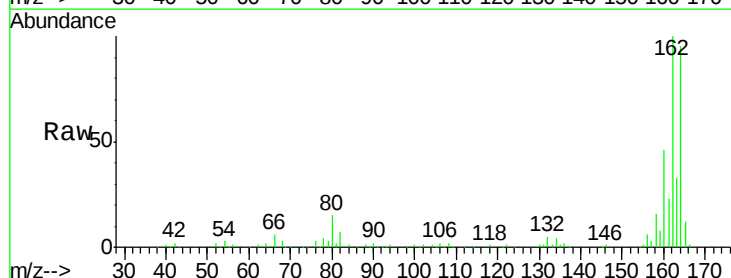
Tgt Ion: 164 Resp: 201172

Ion Ratio Lower Upper

164 100

162 104.9 82.1 123.1

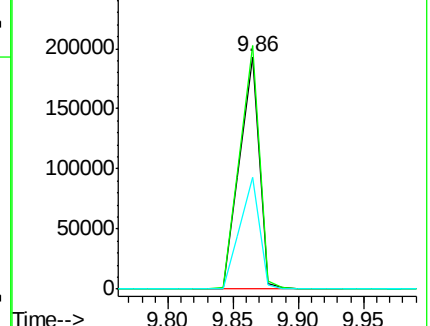
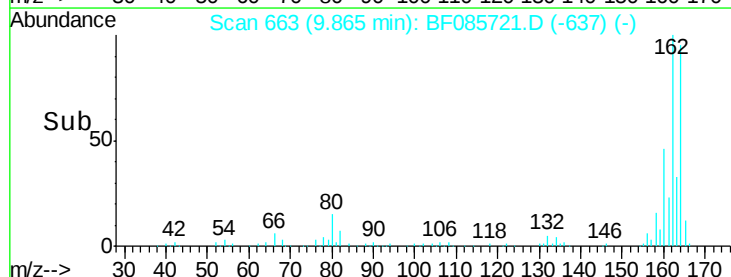
160 48.3 37.4 56.2

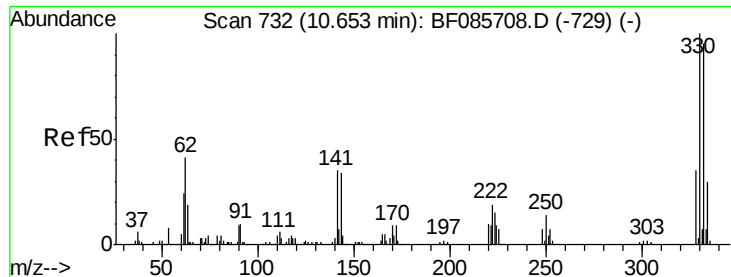


Abundance Ion 164.00 (163.70 to 164.70): BF085721.D (-637) (-)

Ion 162.00 (161.70 to 162.70): BF085721.D (-637) (-)

Ion 160.00 (159.70 to 160.70): BF085721.D (-637) (-)

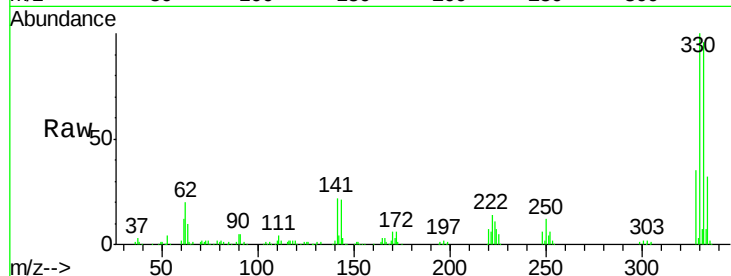




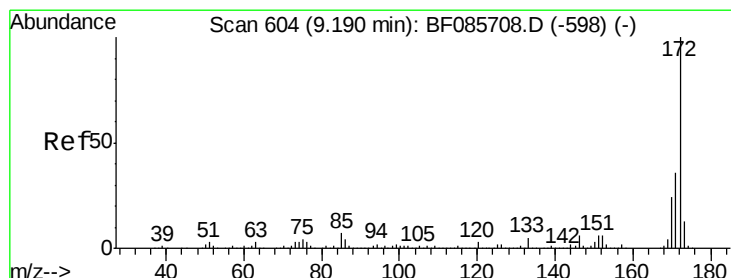
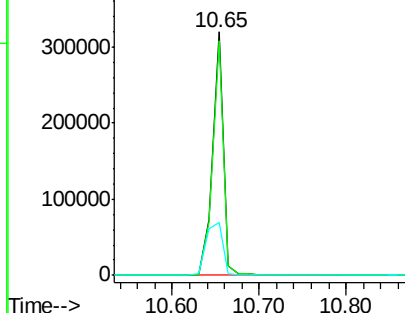
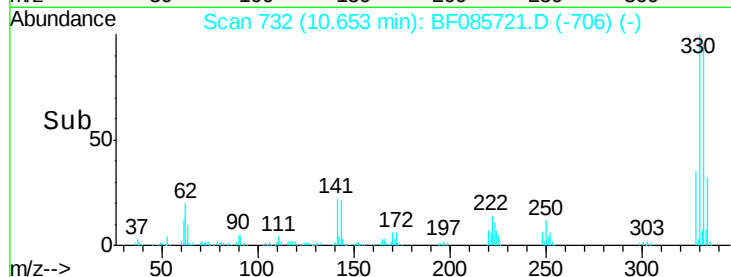
#41
 2,4,6-Tribromophenol
 Concen: 148.12 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	33.4	31.5	47.3

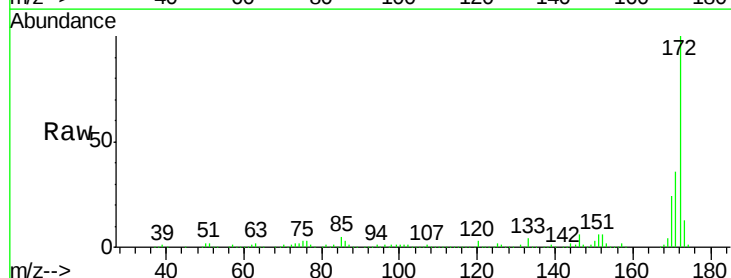


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

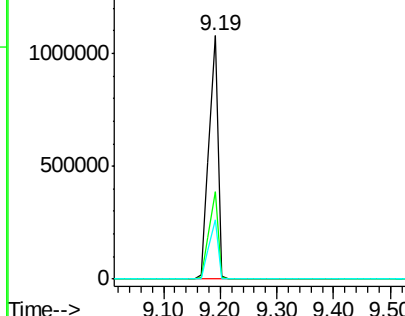
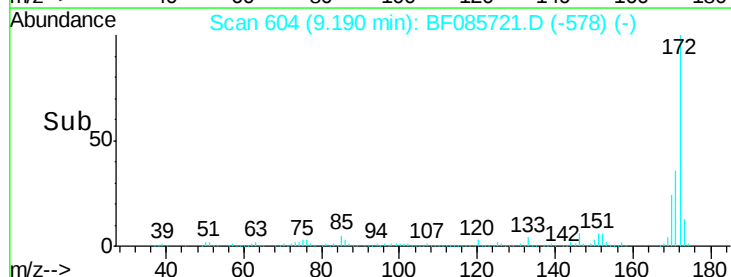


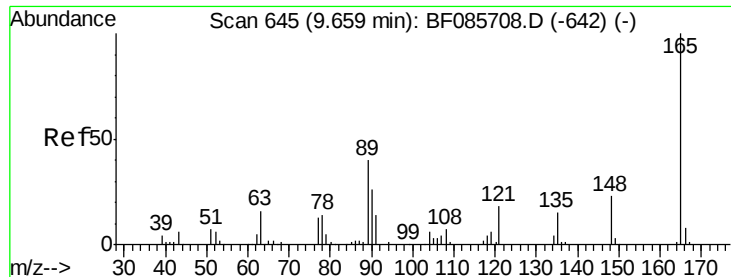
#44
 2-Fluorobiphenyl
 Concen: 93.98 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085721.D
 Acq: 24 Mar 2016 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	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





#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.21 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

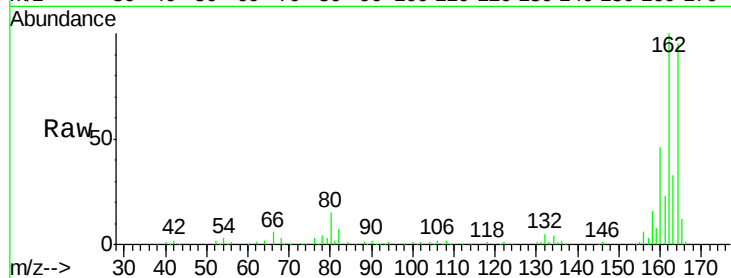
Tgt Ion:165 Resp: 25626

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

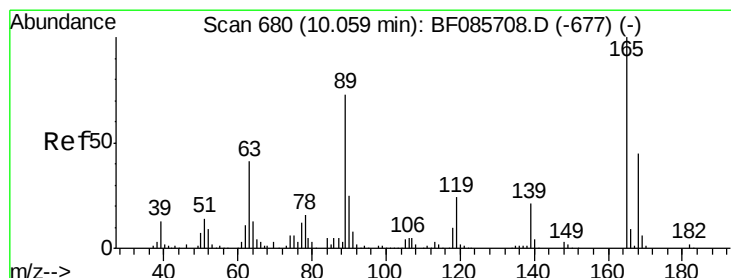
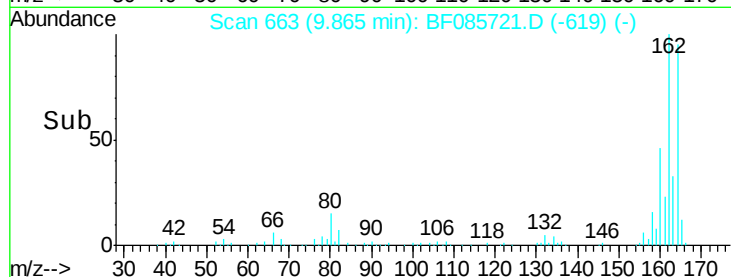
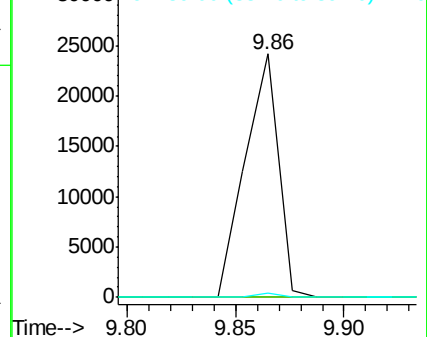
89 1.8 53.7 80.5#



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: 6.14 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.19 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

Tgt Ion:165 Resp: 25626

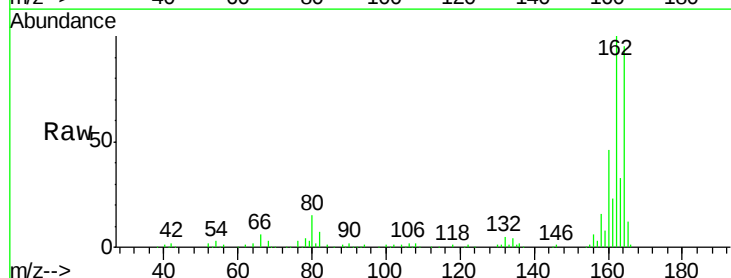
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

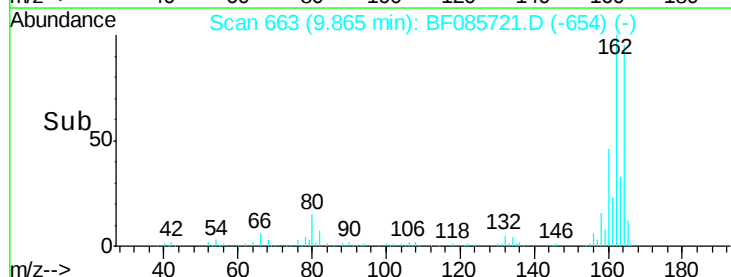
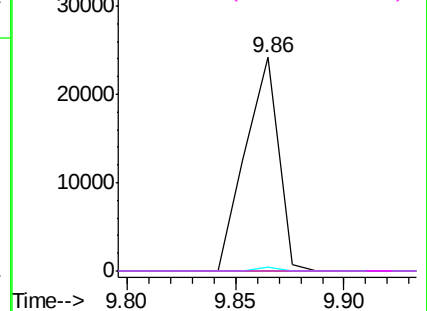


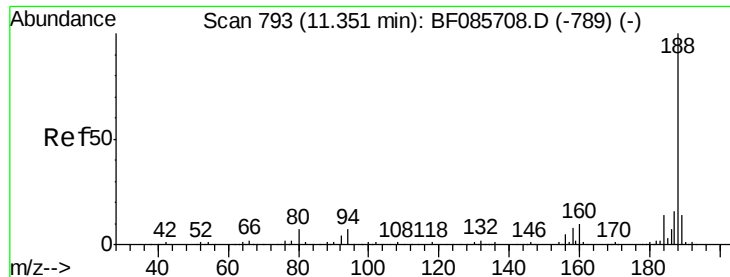
Abundance Ion 165.00 (164.70 to 165.70): E

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

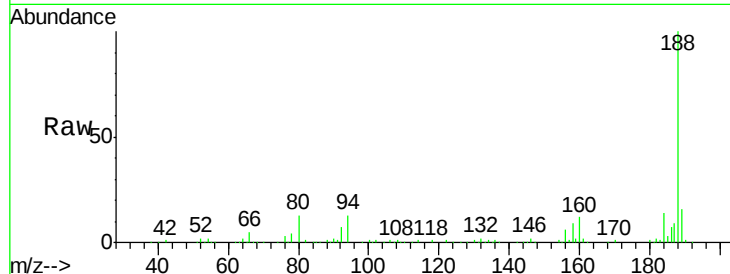




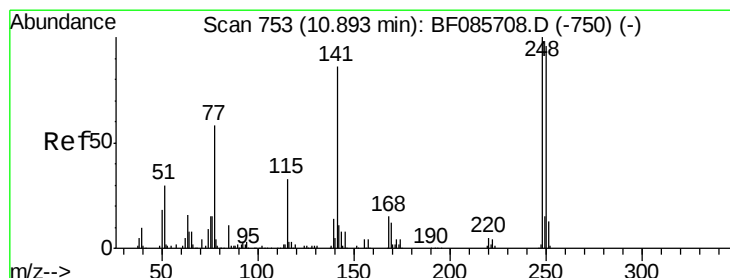
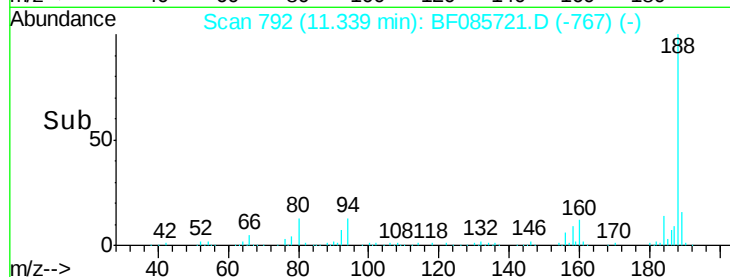
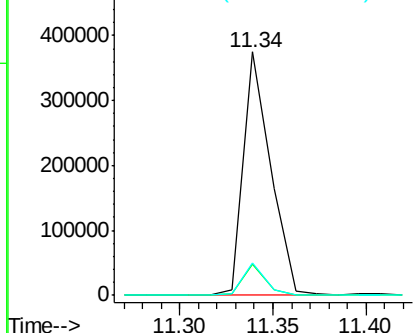
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Instrument :
BNA_F
ClientSampleId :
PB89173BL

Tgt Ion:188 Resp: 382361
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.3 5.5 8.3#

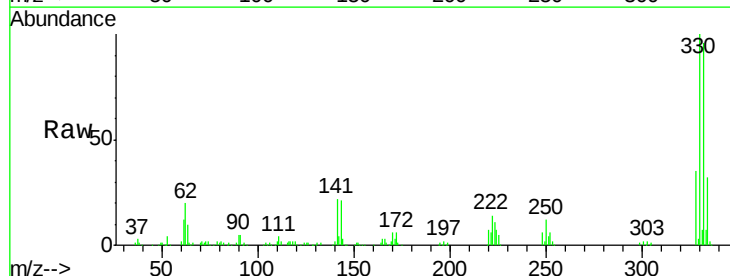


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

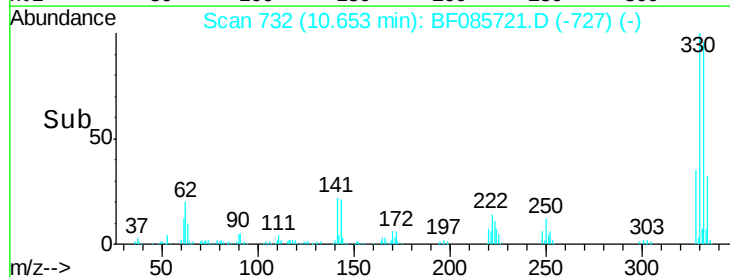
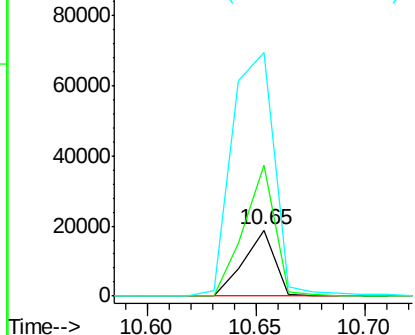


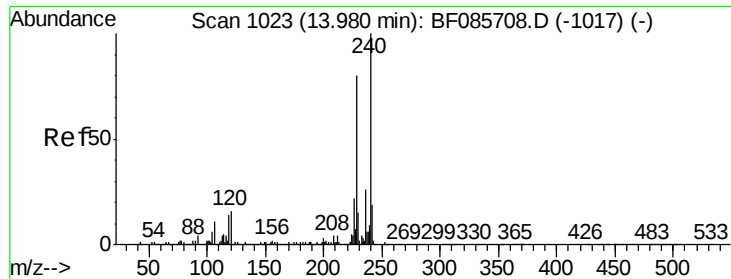
#66
4-Bromophenyl-phenylether
Concen: 4.76 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Tgt Ion:248 Resp: 18617
Ion Ratio Lower Upper
248 100
250 197.9 77.4 116.0#
141 368.1 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: BF085721.D

Acq: 24 Mar 2016 18:45

Instrument :

BNA_F

ClientSampleId :

PB89173BL

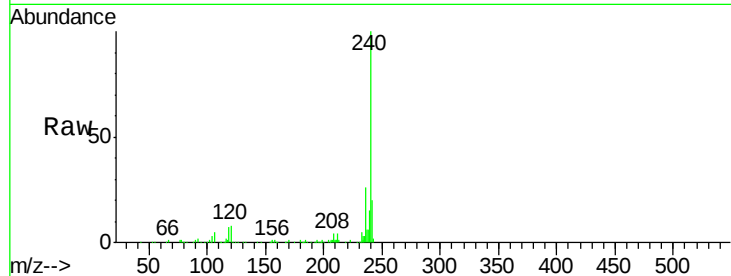
Tgt Ion:240 Resp: 289002

Ion Ratio Lower Upper

240 100

120 7.8 13.8 20.8#

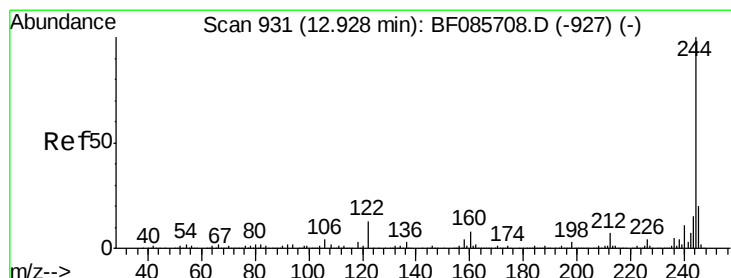
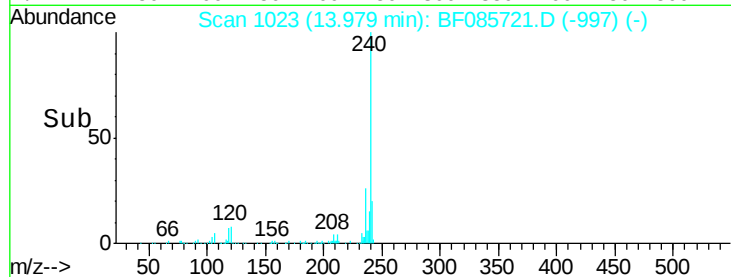
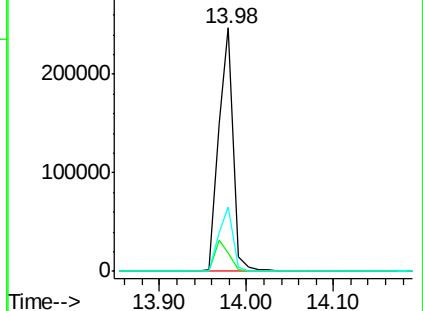
236 26.3 20.6 30.8



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: 72.78 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085721.D

Acq: 24 Mar 2016 18:45

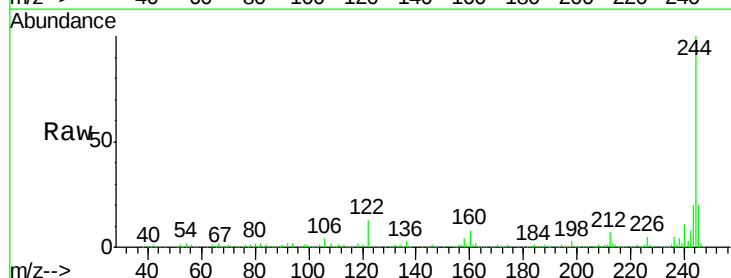
Tgt Ion:244 Resp: 1022688

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

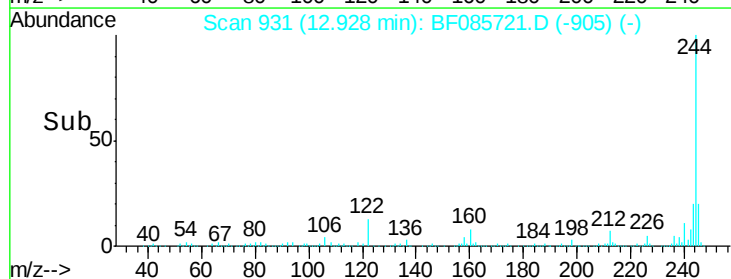
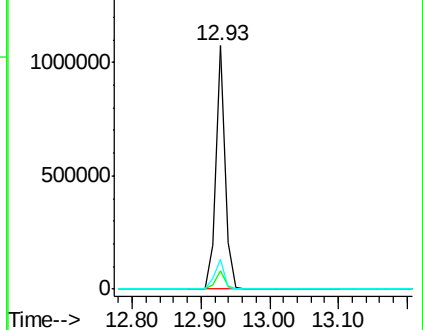
122 12.5 10.2 15.4

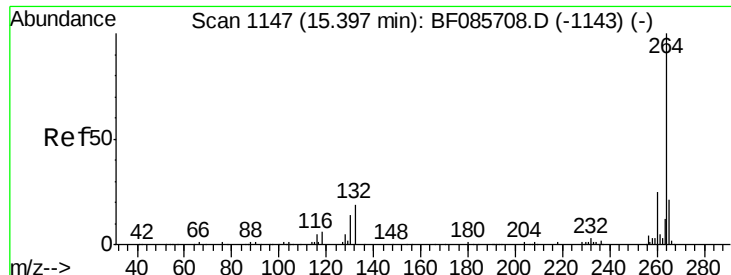


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

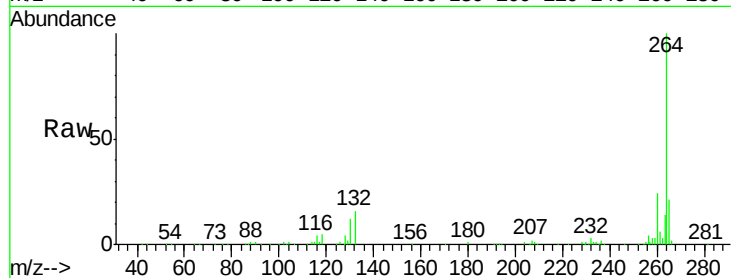




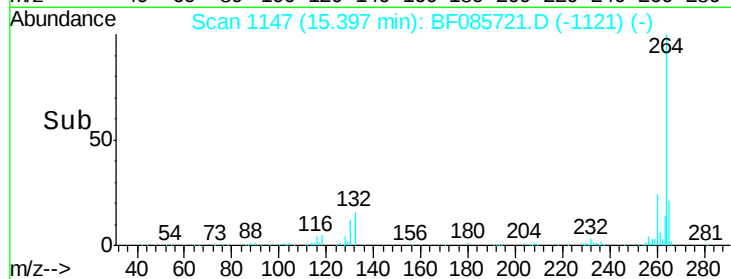
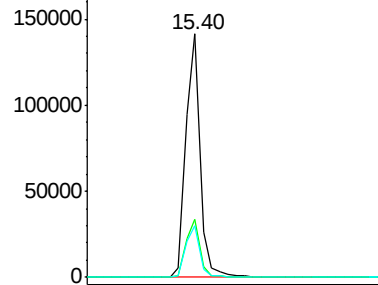
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085721.D
Acq: 24 Mar 2016 18:45

Instrument :
BNA_F
ClientSampleId :
PB89173BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.2	25.8



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



Time-->