

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085749.D
 Acq On : 25 Mar 2016 8:29
 Operator : UM/SJ
 Sample : H1885-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:09:58 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

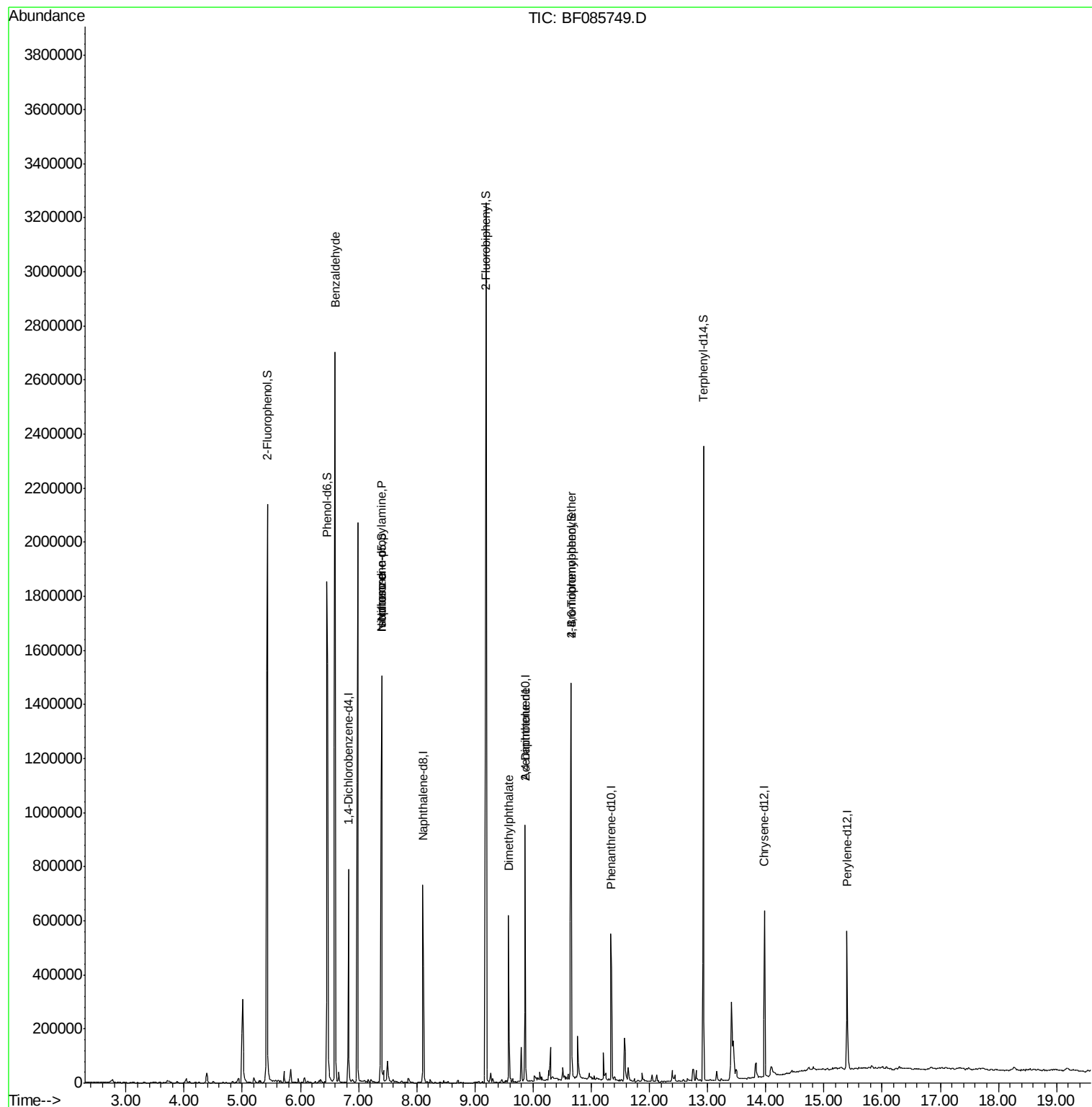
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112208	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411646	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	181819	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	266918	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	216000	20.00	ng	0.00
86) Perylene-d12	15.40	264	213737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	837734	124.34	ng	0.02
7) Phenol-d6	6.46	99	1046843	122.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	667275	91.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	186137	107.75	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1062411	97.63	ng	0.00
78) Terphenyl-d14	12.93	244	668185	63.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	18862	3.65	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.40	70	87207	17.00	ng	# 74
25) Isophorone	7.40	82	646501	45.91	ng	# 68
49) Dimethylphthalate	9.58	163	231487	16.78	ng	100
56) 2,4-Dinitrotoluene	9.86	165	23280	6.17	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	12941	4.74	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: BF085749.D

Acq: 25 Mar 2016 8:29

Instrument :

BNA_F

ClientSampleId :

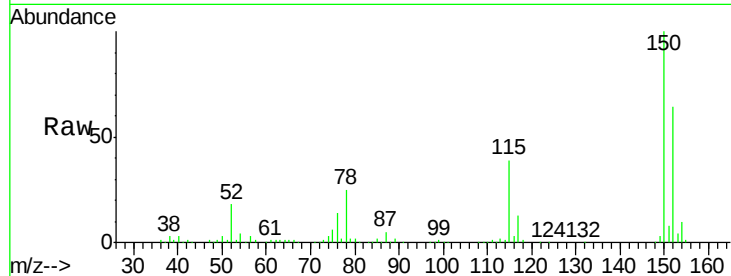
Tot Ion:152 Resp: 112208

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

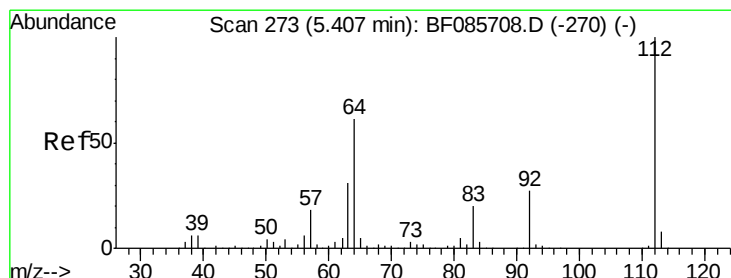
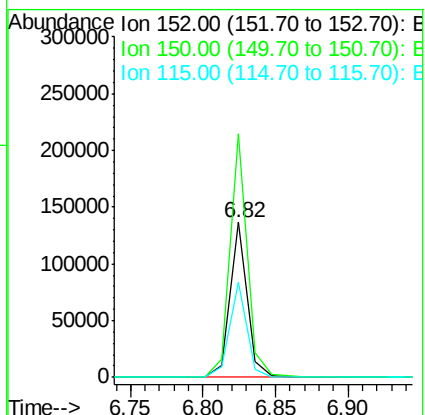
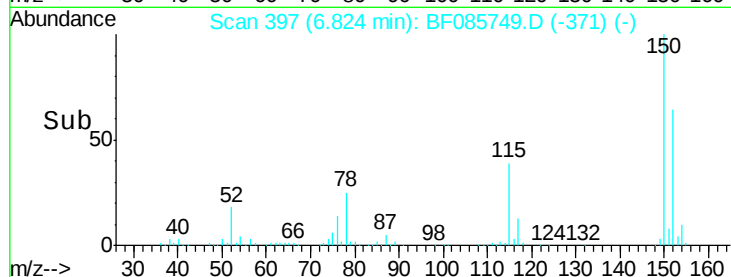
115 61.7 47.0 70.6



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: 124.34 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085749.D

Acq: 25 Mar 2016 8:29

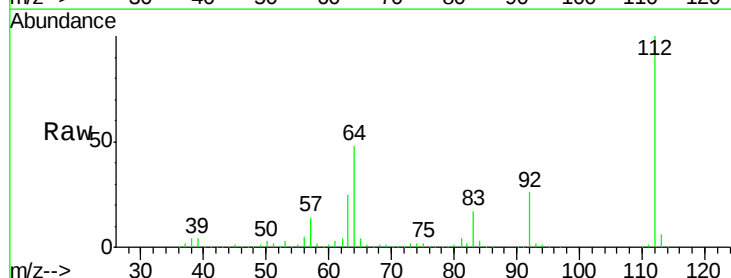
Tgt Ion:112 Resp: 837734

Ion Ratio Lower Upper

112 100

64 48.5 39.9 59.9

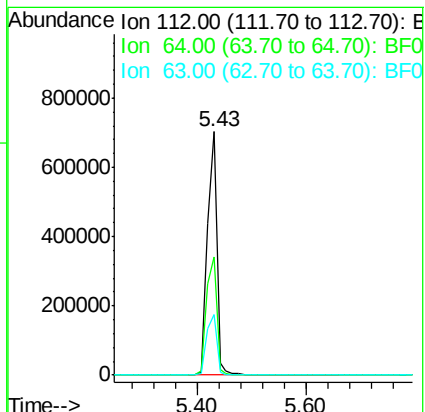
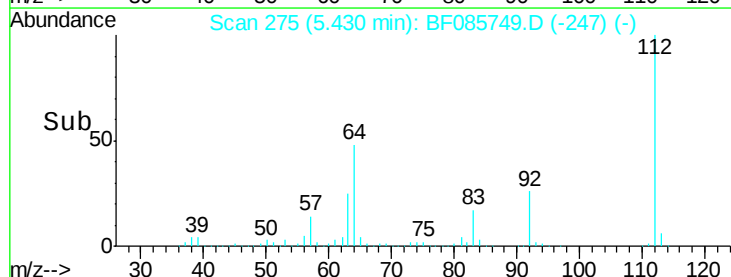
63 24.7 20.2 30.2



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: 122.20 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085749.D

Acq: 25 Mar 2016 8:29

Instrument :

BNA_F

ClientSampleId :

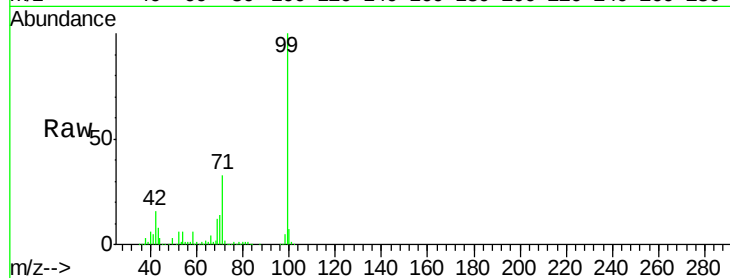
Tot Ion: 99 Resp: 1046843

Ion Ratio Lower Upper

99 100

42 16.0 11.1 16.7

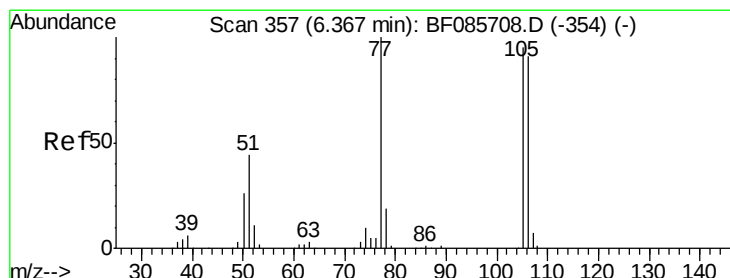
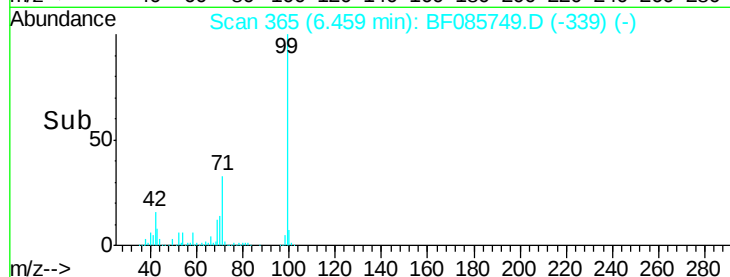
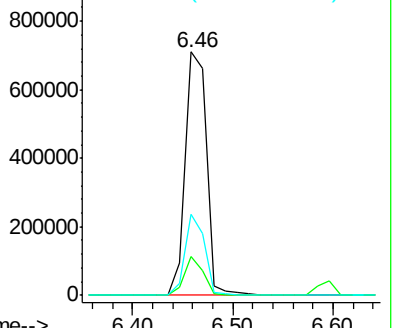
71 33.2 24.9 37.3



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: 3.65 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085749.D

Acq: 25 Mar 2016 8:29

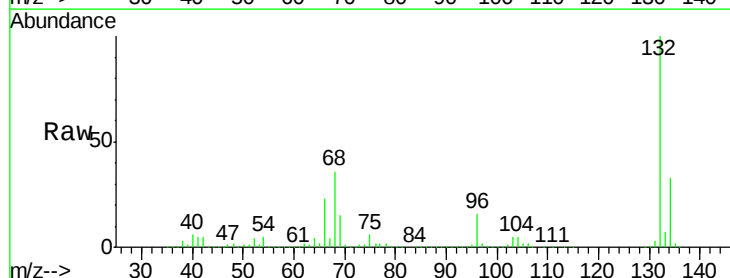
Tgt Ion: 77 Resp: 18862

Ion Ratio Lower Upper

77 100

105 86.0 80.1 120.1

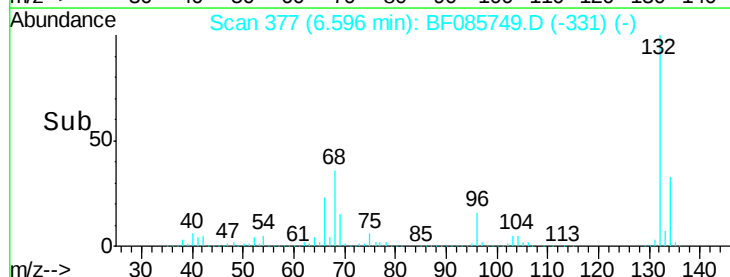
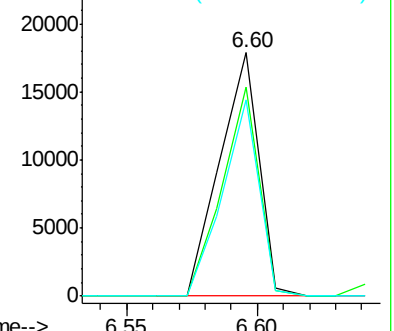
106 80.8 75.0 115.0

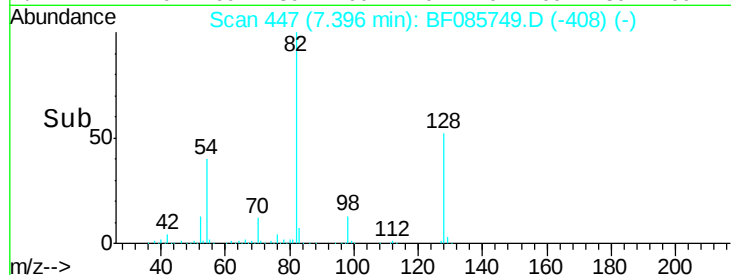
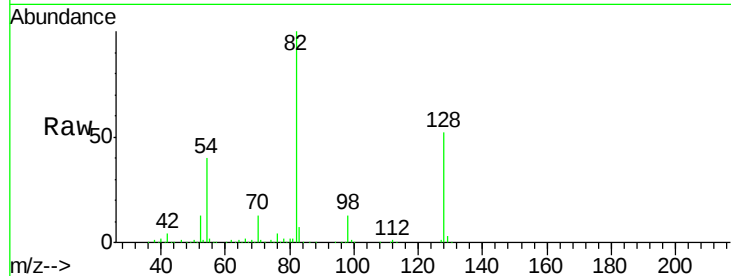
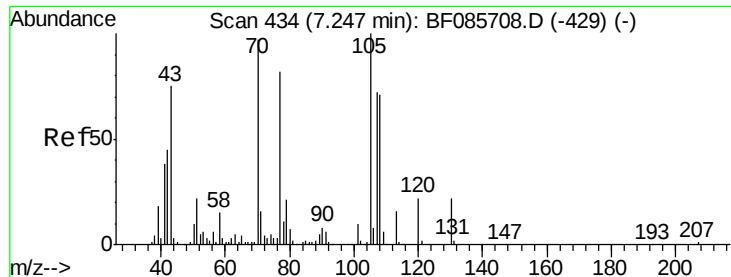


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

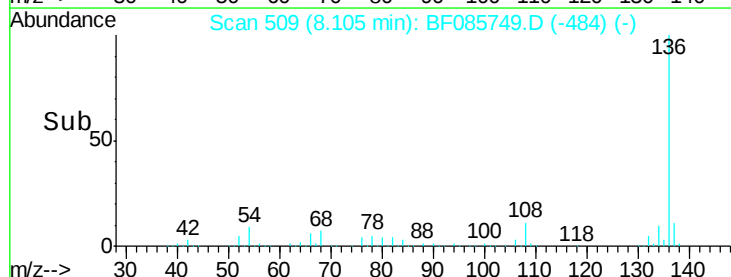
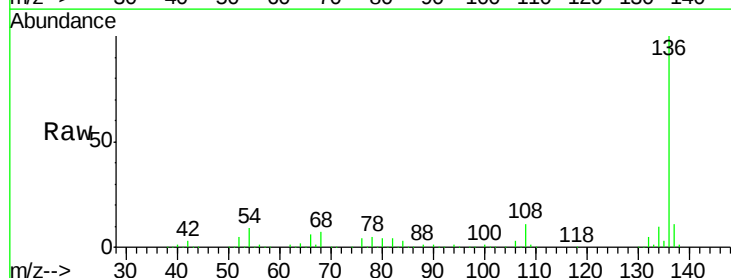
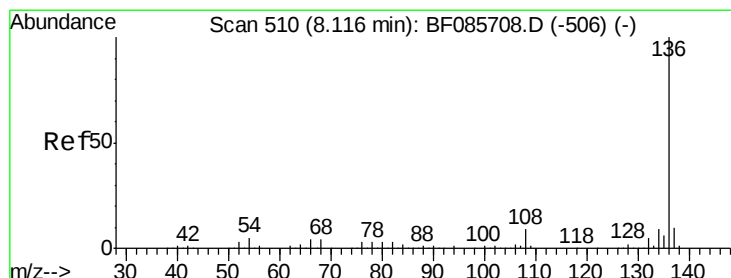
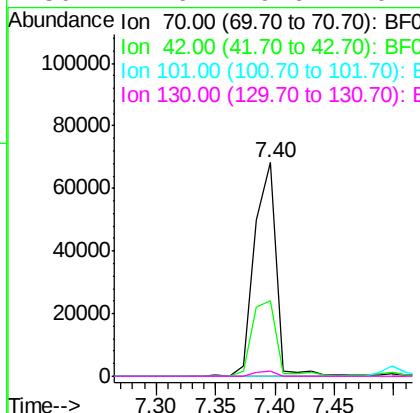




#19
n-Nitroso-di-n-propylamine
Concen: 17.00 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

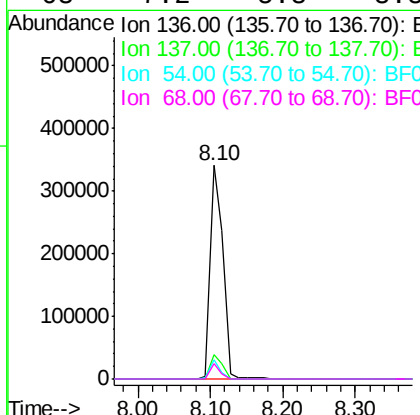
Instrument :
BNA_F
ClientSampleId :

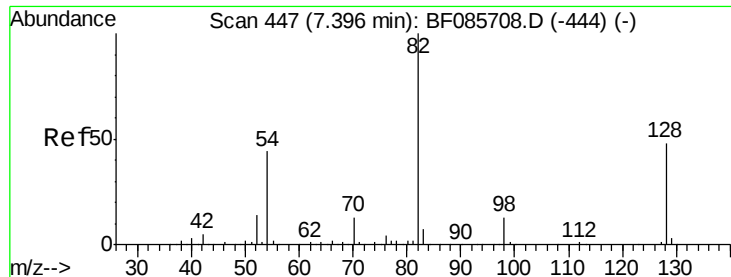
Tot Ion: 70 Resp: 87207
Ion Ratio Lower Upper
70 100
42 35.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion: 136 Resp: 411646
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.1 7.4 11.0
68 7.2 5.8 8.8

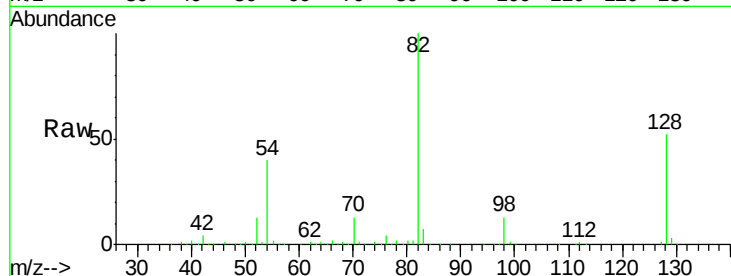




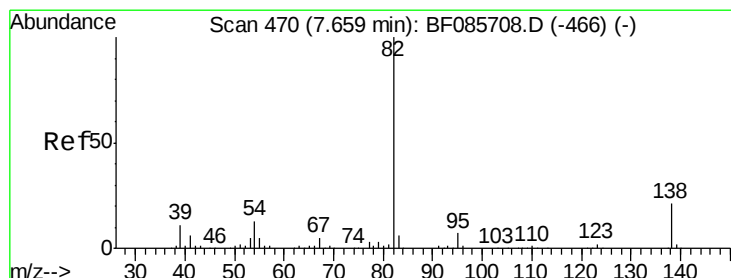
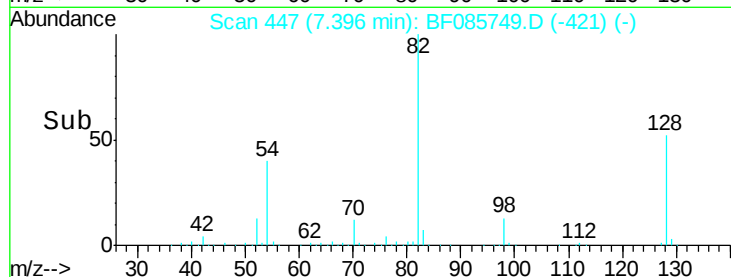
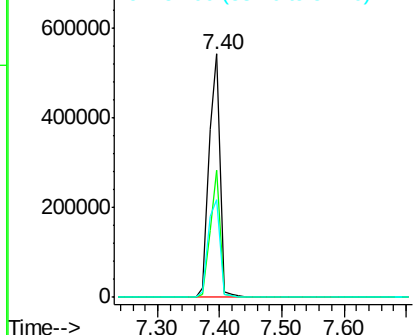
#23
Nitrobenzene-d5
Concen: 91.28 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 667275
Ion Ratio Lower Upper
82 100
128 52.1 41.8 62.8
54 40.0 33.4 50.0

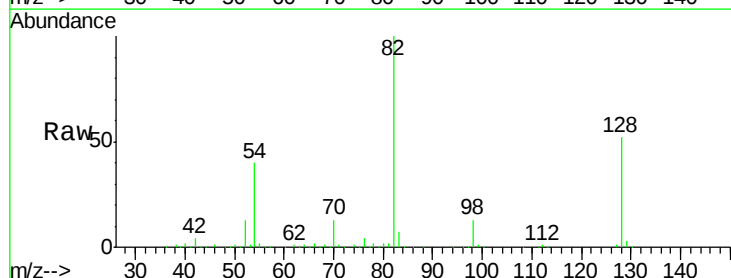


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

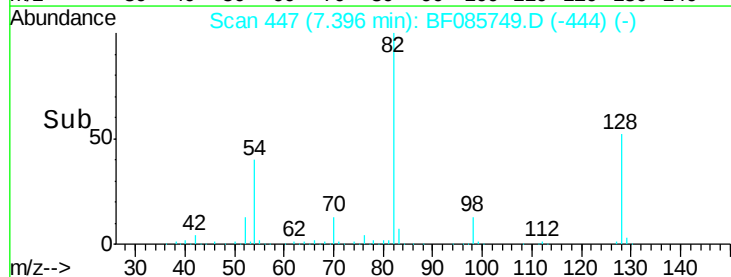
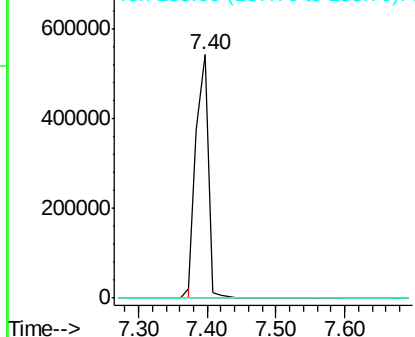


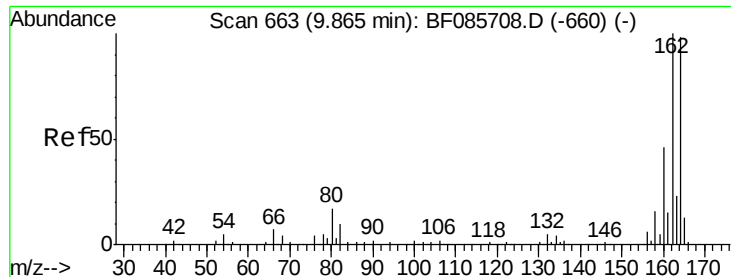
#25
Isophorone
Concen: 45.91 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion: 82 Resp: 646501
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

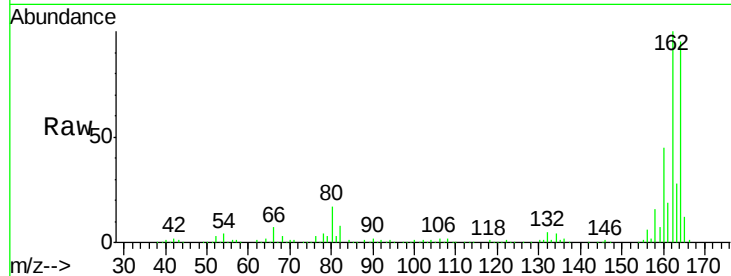




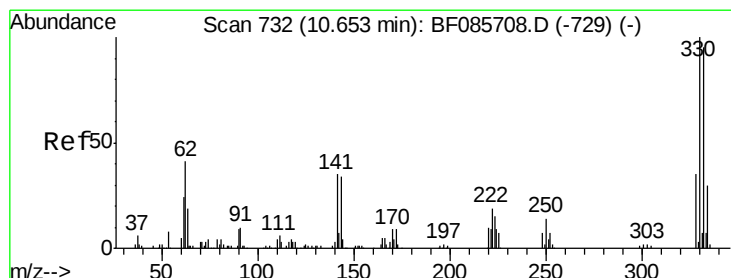
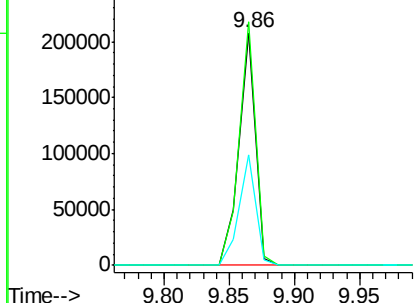
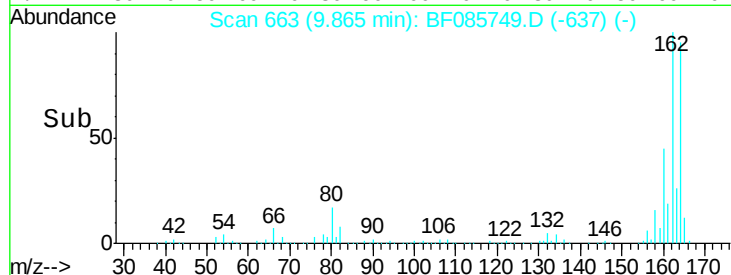
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 181819
Ion Ratio Lower Upper
164 100
162 104.9 82.1 123.1
160 47.6 37.4 56.2

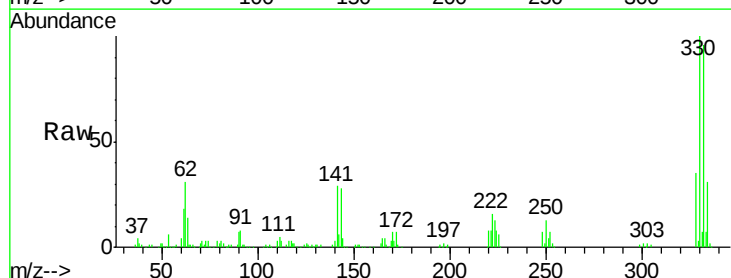


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

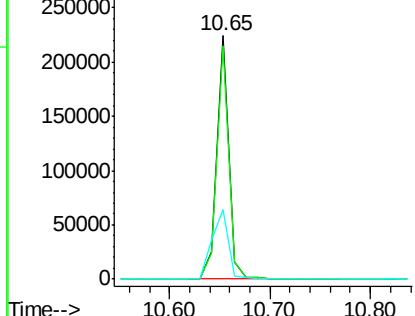
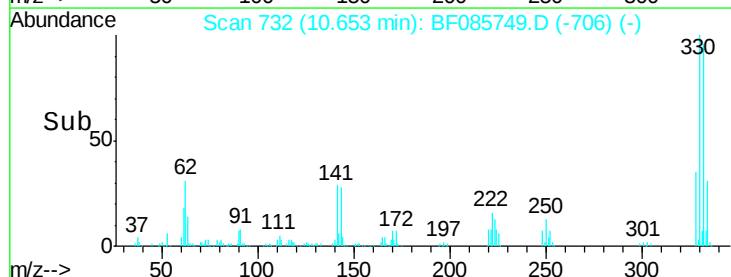


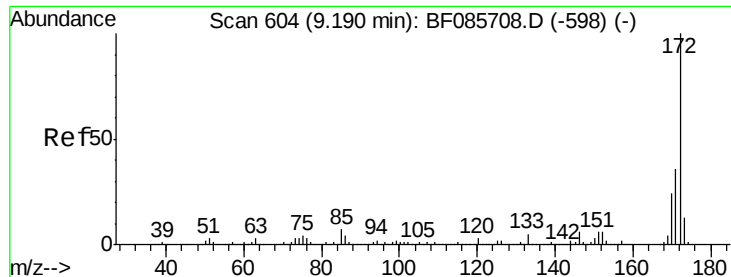
#41
2,4,6-Tribromophenol
Concen: 107.75 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:330 Resp: 186137
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 39.1 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

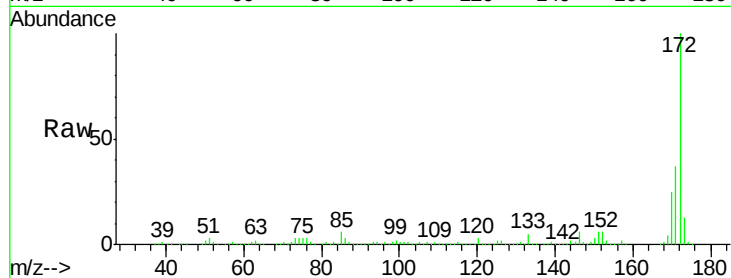




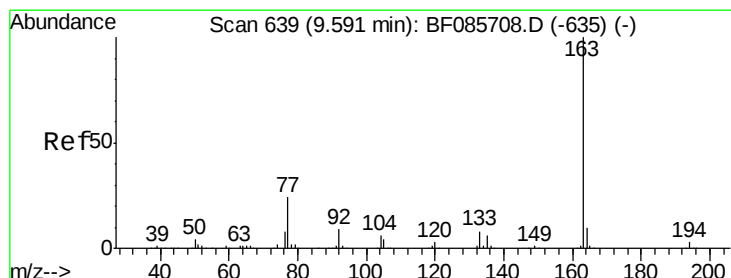
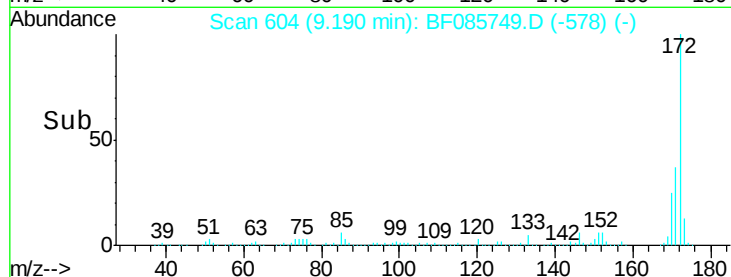
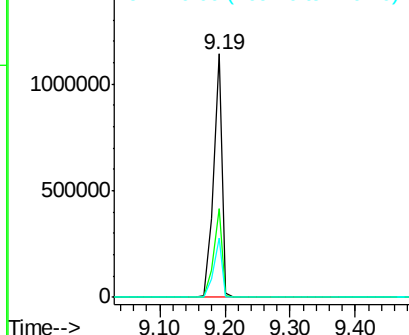
#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1062411
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.6 19.8 29.6

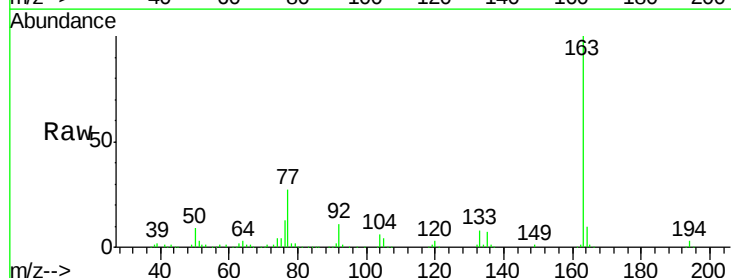


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

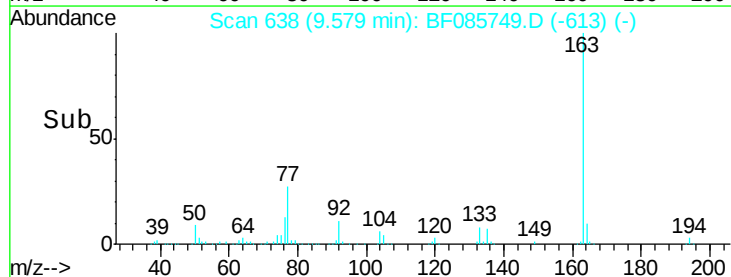
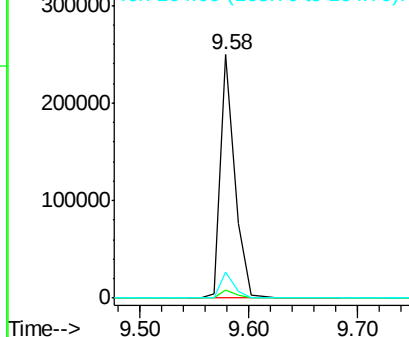


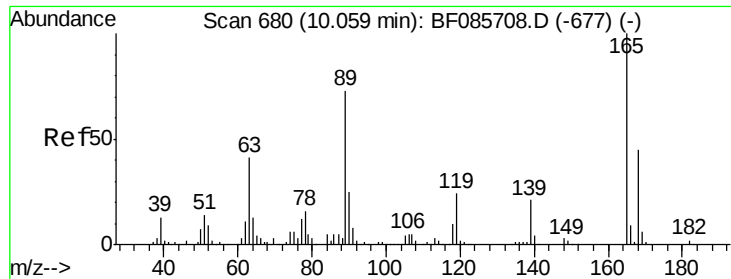
#49
Dimethylphthalate
Concen: 16.78 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085749.D
Acq: 25 Mar 2016 8:29

Tgt Ion:163 Resp: 231487
Ion Ratio Lower Upper
163 100
194 3.2 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

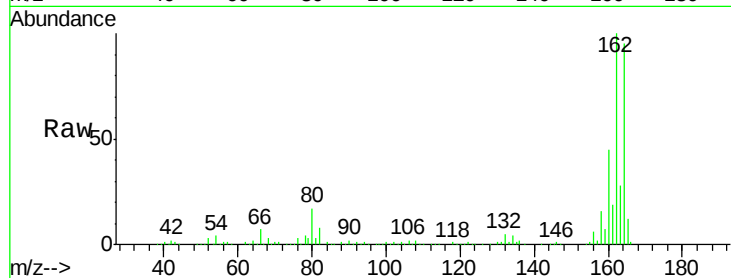




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085749.D
 Acq: 25 Mar 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

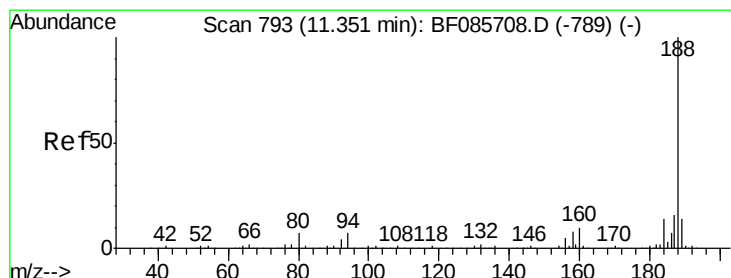
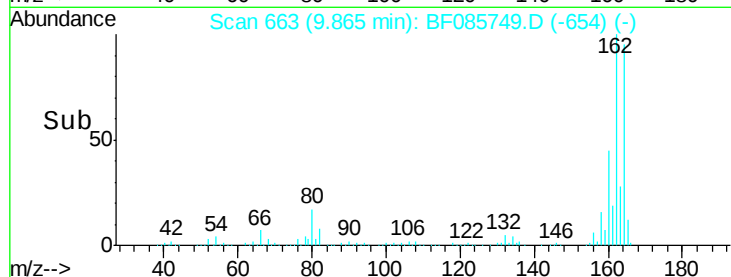
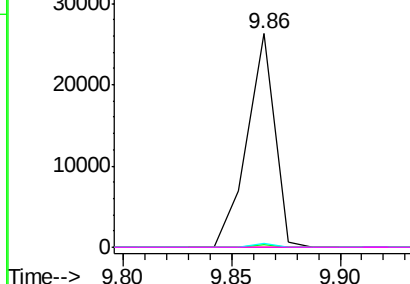


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

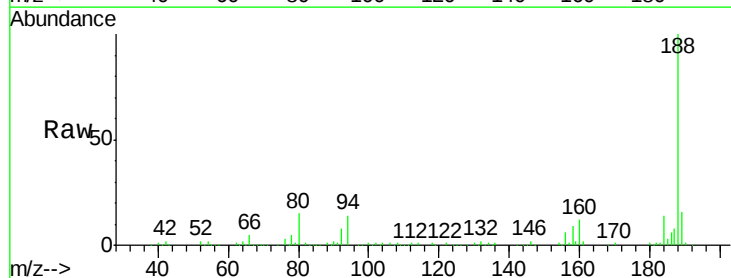
Ion 89.00 (88.70 to 89.70): BF0

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: BF085749.D
 Acq: 25 Mar 2016 8:29

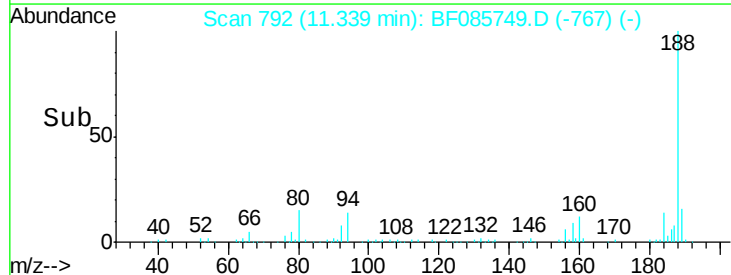
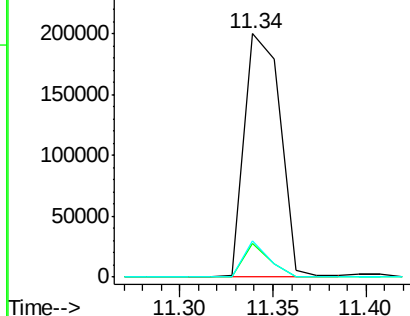
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	5.4	8.0#
80	15.0	5.5	8.3#

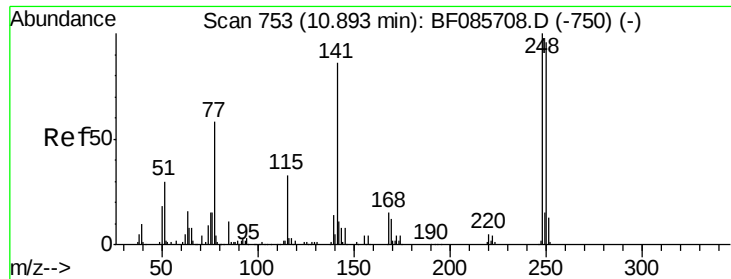


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.74 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085749.D

Acq: 25 Mar 2016 8:29

Instrument :

BNA_F

ClientSampleId :

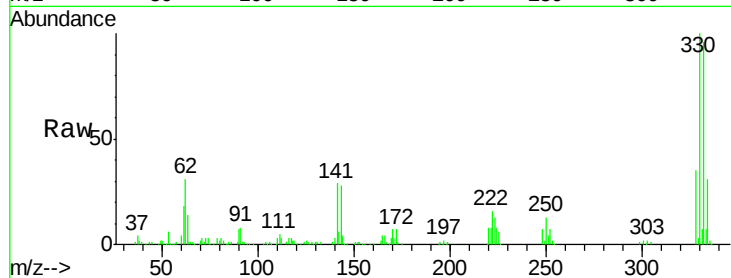
Tot Ion:248 Resp: 12941

Ion Ratio Lower Upper

248 100

250 200.4 77.4 116.0#

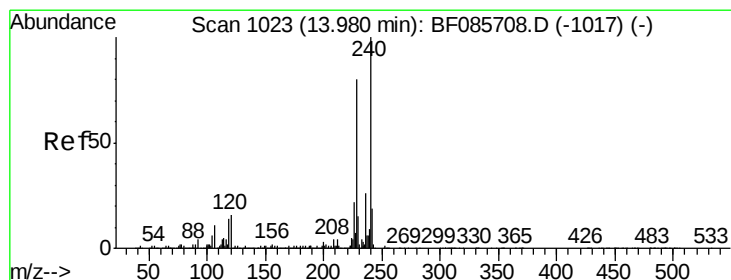
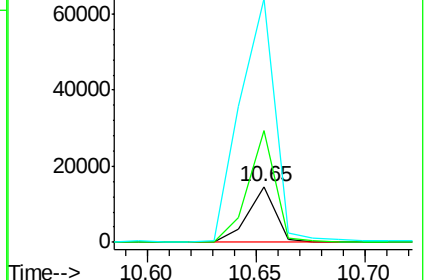
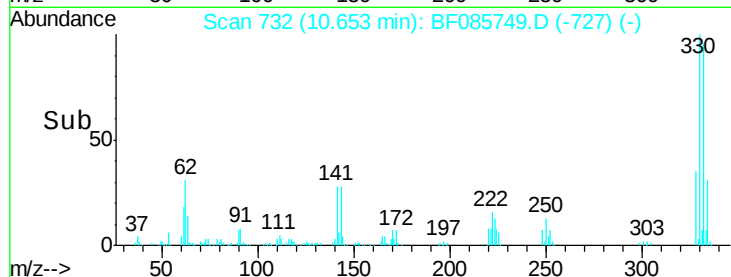
141 436.3 63.6 95.4#



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: BF085749.D

Acq: 25 Mar 2016 8:29

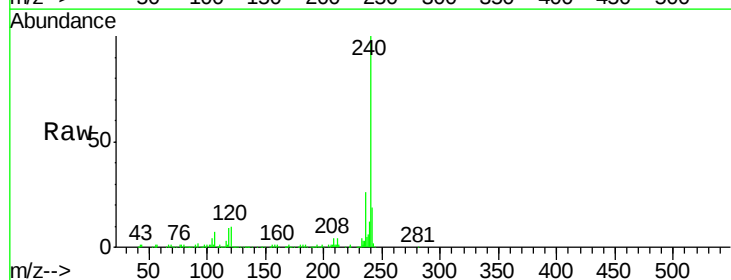
Tgt Ion:240 Resp: 216000

Ion Ratio Lower Upper

240 100

120 10.4 13.8 20.8#

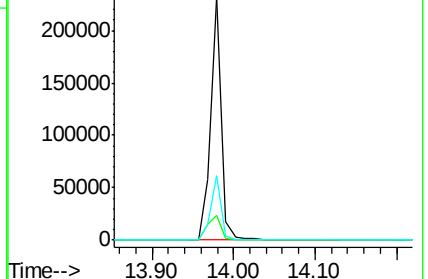
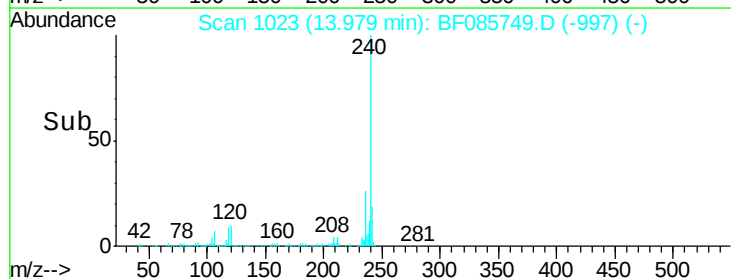
236 26.3 20.6 30.8

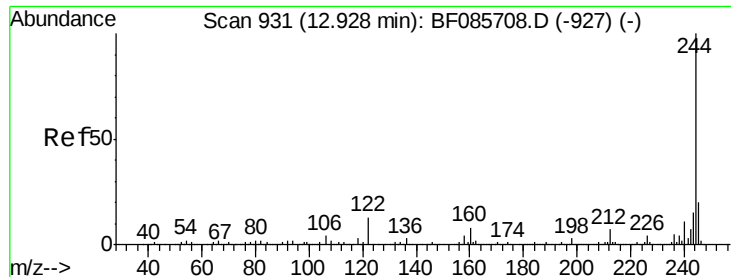


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

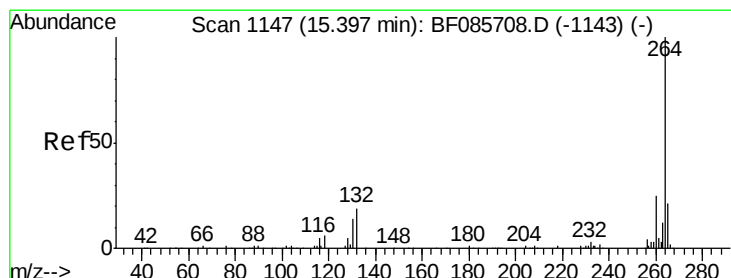
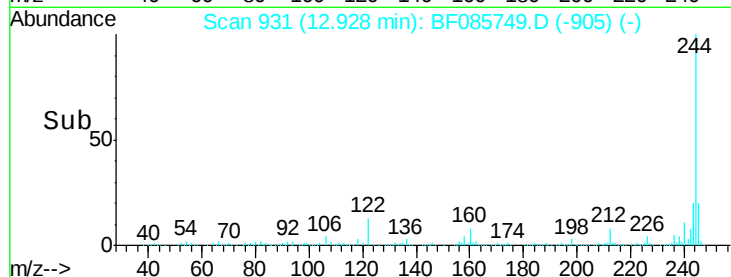
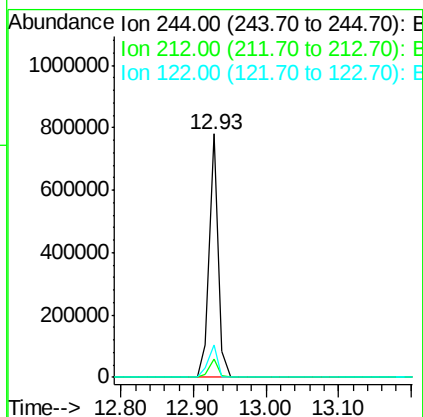
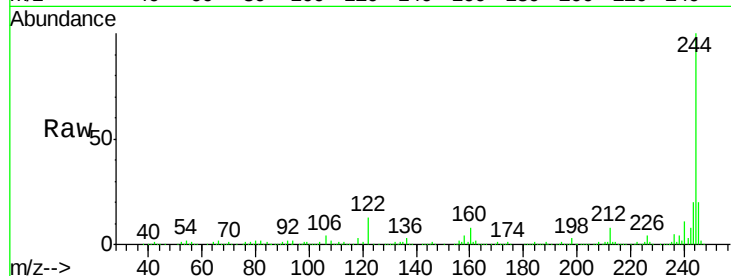




#78
 Terphenyl-d14
 Concen: 63.62 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085749.D
 Acq: 25 Mar 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 668185
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.1 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: BF085749.D
 Acq: 25 Mar 2016 8:29

Tgt Ion:264 Resp: 213737
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.9 17.2 25.8

