

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085611.D
 Acq On : 20 Mar 2016 11:16
 Operator : UM/SJ
 Sample : H1815-14
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Mar 21 00:22:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

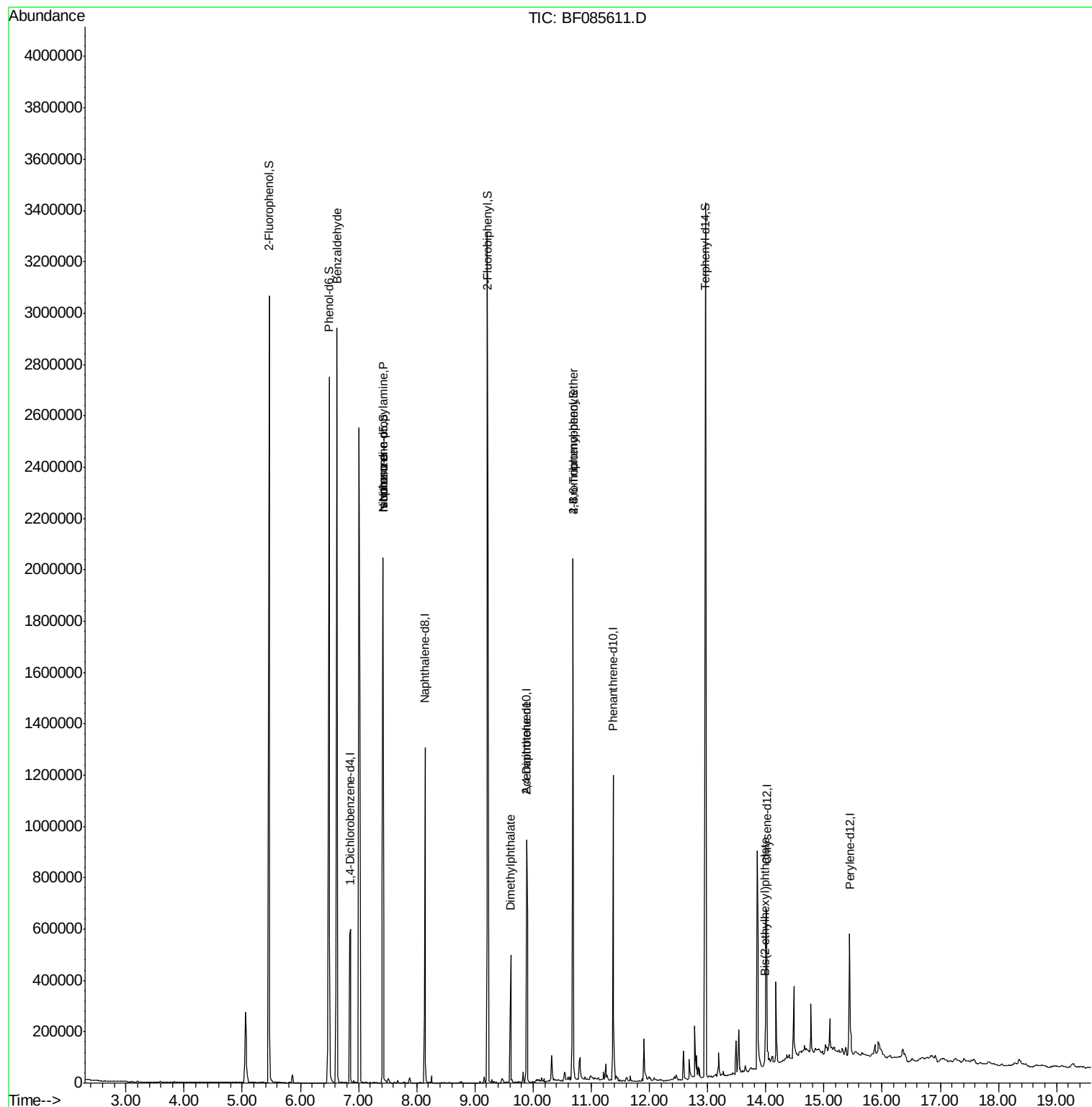
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141313	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	575820	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	238983	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	419039	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	278781	20.00	ng	0.00
86) Perylene-d12	15.44	264	248826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1066099	126.72	ng	0.01
7) Phenol-d6	6.49	99	1294454	119.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	856644	86.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	361276	154.33	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1479068	116.04	ng	-0.01
78) Terphenyl-d14	12.96	244	1088524	93.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	25820	2.82	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.42	70	109611	17.01	ng	# 79
25) Isophorone	7.42	82	655368	33.00	ng	# 68
49) Dimethylphthalate	9.61	163	254193	14.10	ng	98
56) 2,4-Dinitrotoluene	9.89	165	30710	6.16	ng	# 37
66) 4-Bromophenyl-phenylether	10.69	248	23748	5.67	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	35637	3.01	ng	# 97

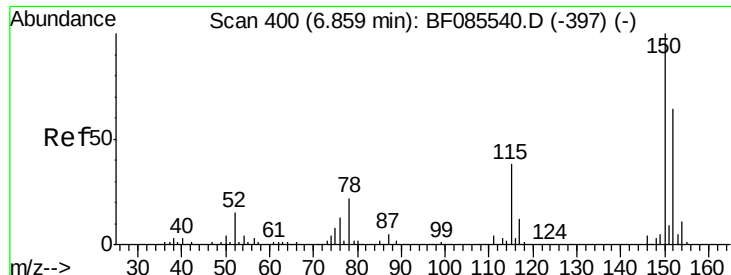
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

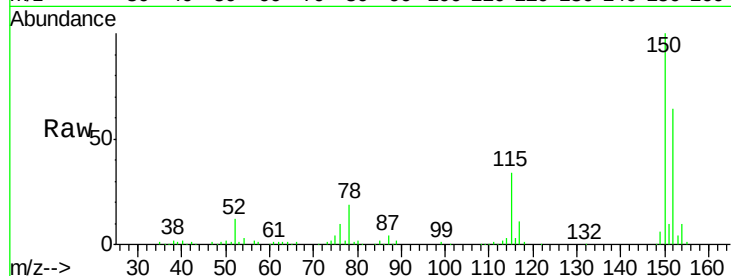
Tgt Ion:152 Resp: 141313

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

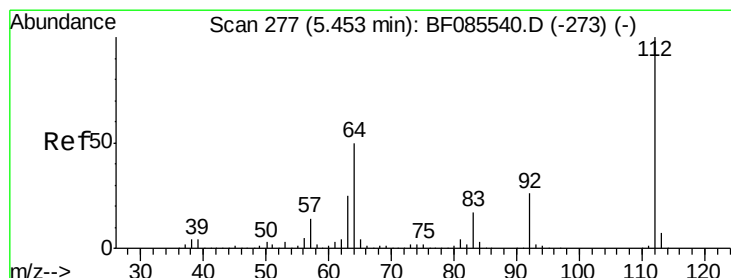
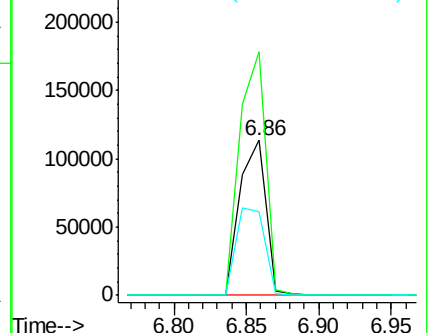
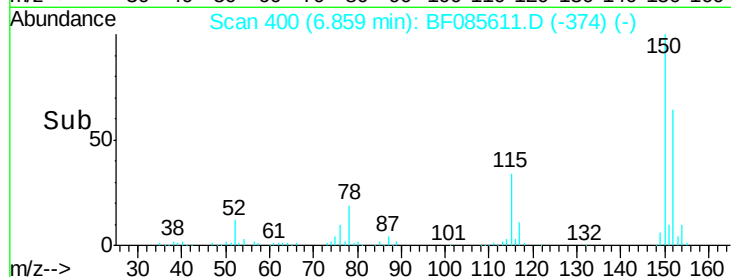
115 53.9 47.0 70.6



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: 126.72 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

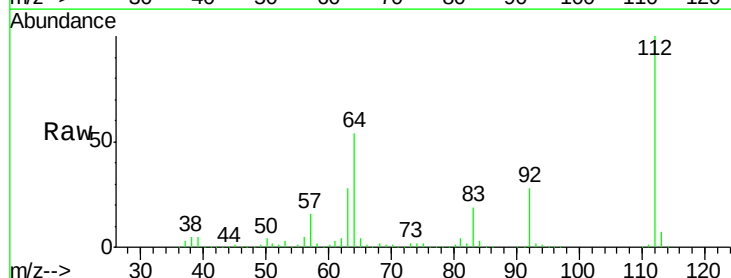
Tgt Ion:112 Resp: 1066099

Ion Ratio Lower Upper

112 100

64 54.4 39.9 59.9

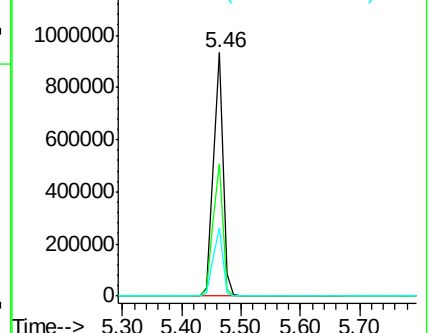
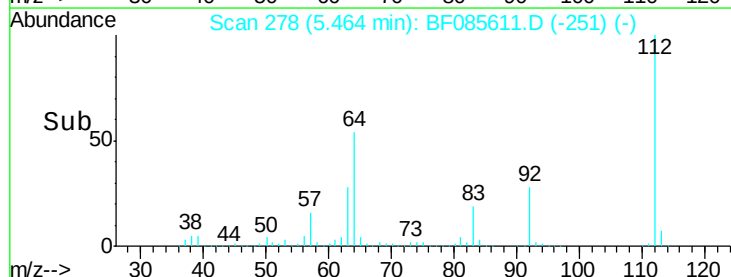
63 28.0 20.2 30.2

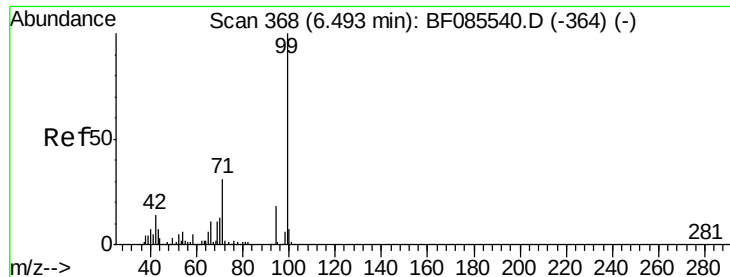


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.96 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

Instrument :

BNA_F

ClientSampled :

SB-02-COMP

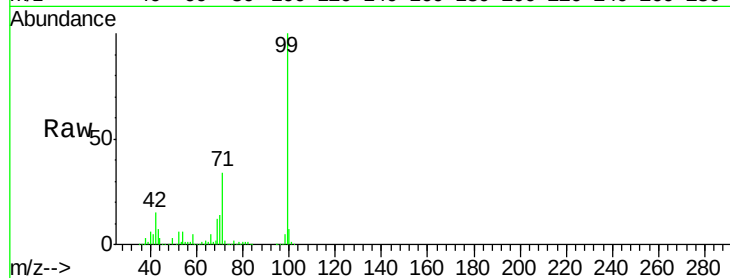
Tgt Ion: 99 Resp: 1294454

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

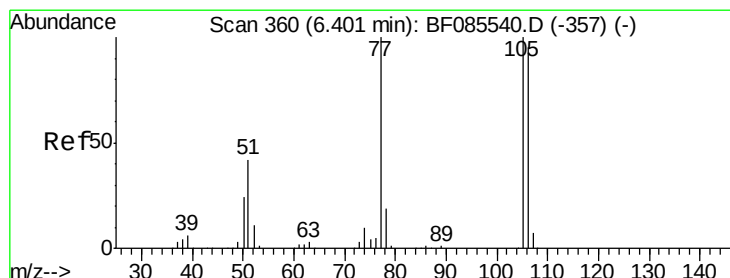
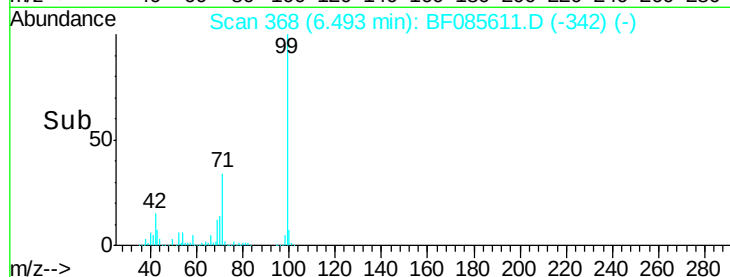
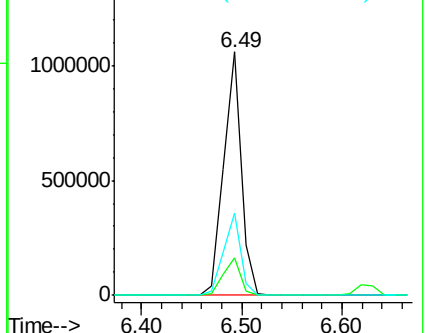
71 33.8 24.9 37.3



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: 2.82 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.23 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

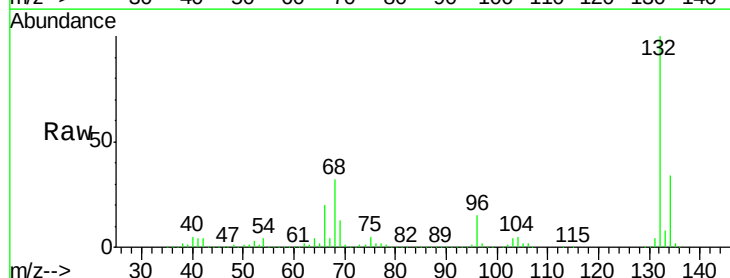
Tgt Ion: 77 Resp: 25820

Ion Ratio Lower Upper

77 100

105 95.7 80.1 120.1

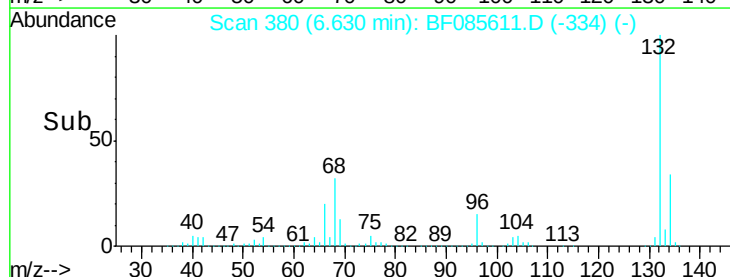
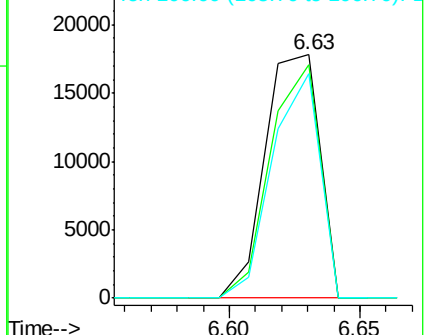
106 91.9 75.0 115.0

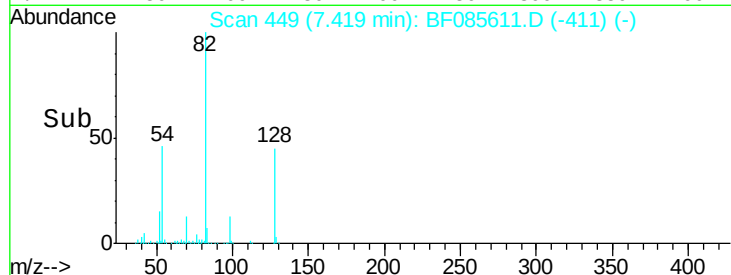
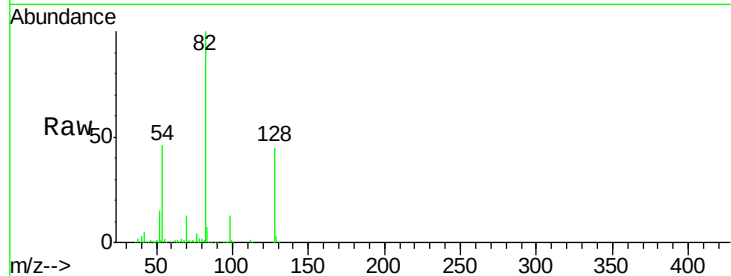
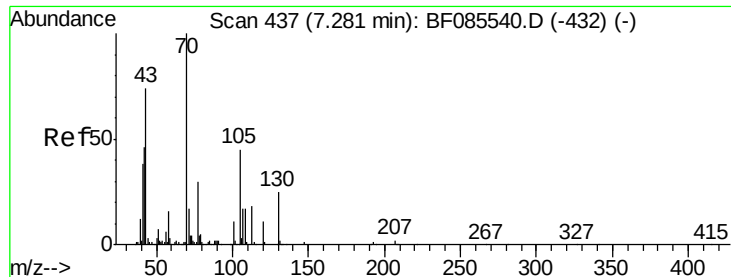


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

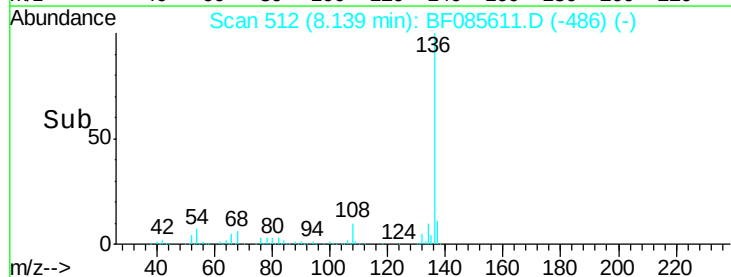
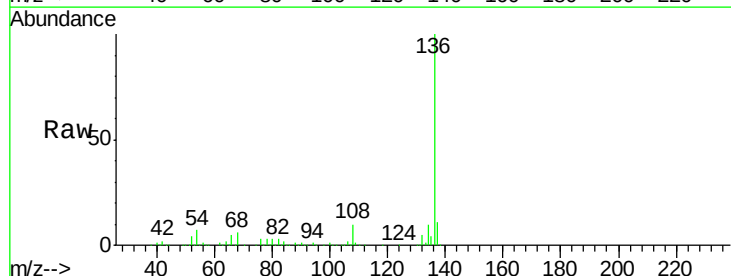
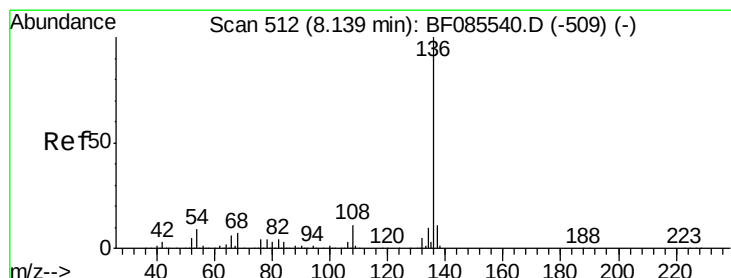
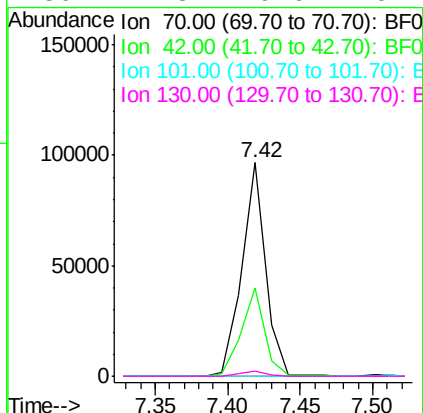




#19
n-Nitroso-di-n-propylamine
Concen: 17.01 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085611.D
Acq: 20 Mar 2016 11:16

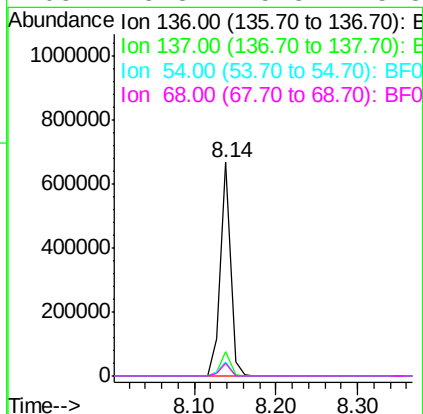
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

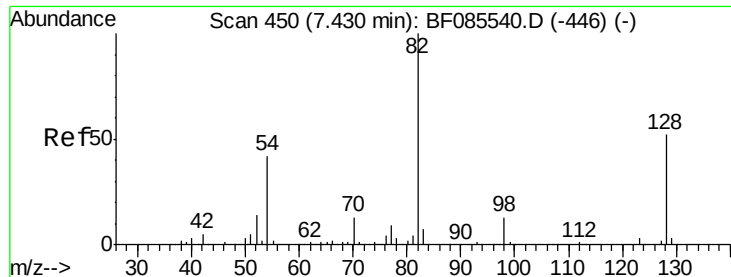
Tgt Ion:	70	Resp:	109611
Ion	Ratio	Lower	Upper
70	100		
42	41.3	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085611.D
Acq: 20 Mar 2016 11:16

Tgt Ion:	136	Resp:	575820
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	7.4	11.0#
68	5.8	5.8	8.8#

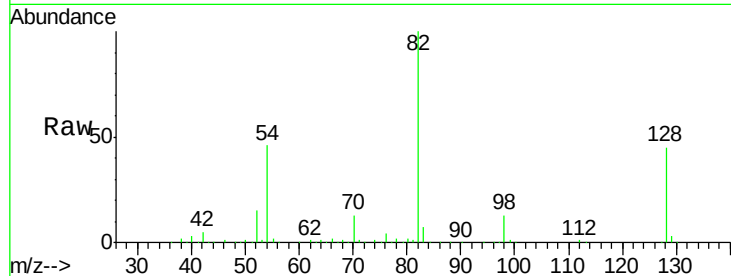




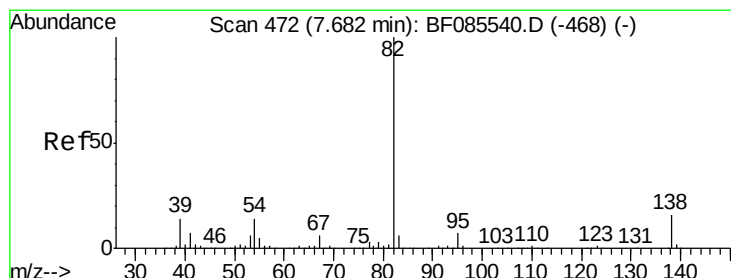
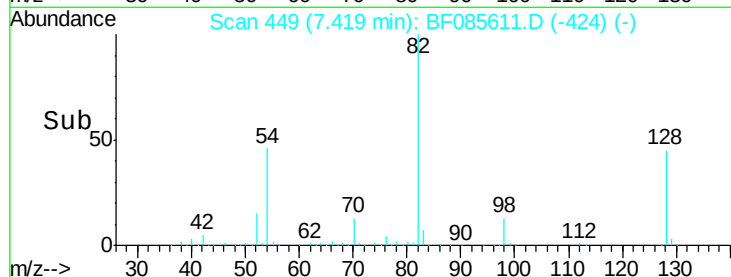
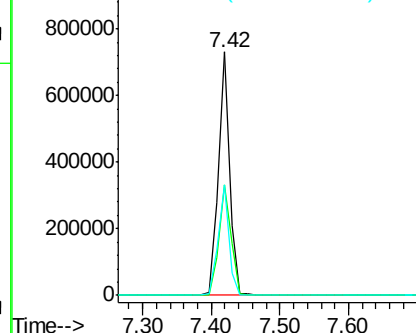
#23
 Nitrobenzene-d5
 Concen: 86.35 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	41.8	62.8
54	45.6	33.4	50.0

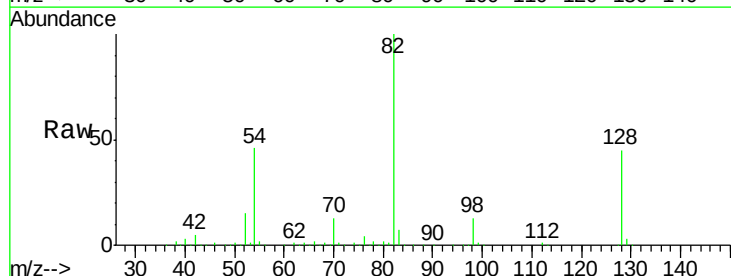


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

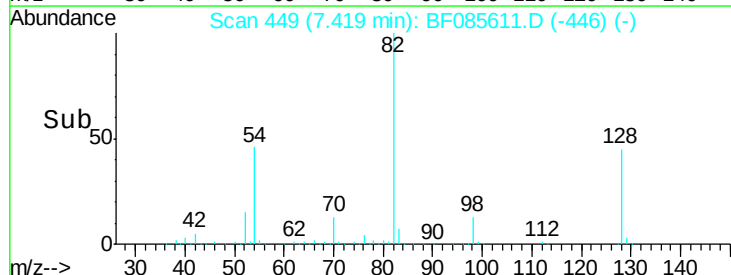
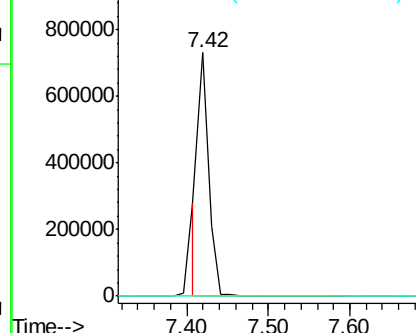


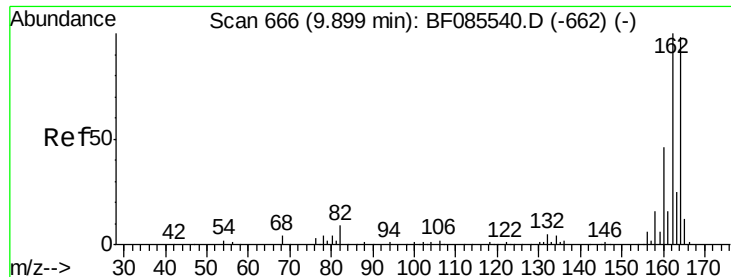
#25
 Isophorone
 Concen: 33.00 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.26 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

Tgt 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

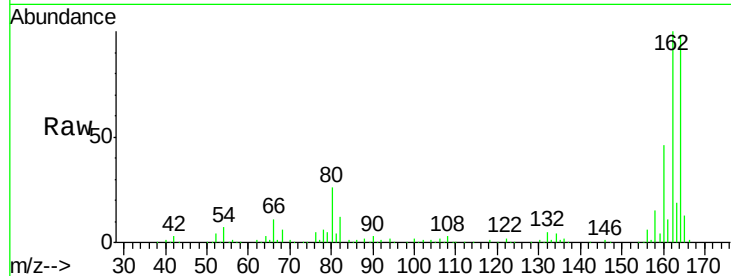




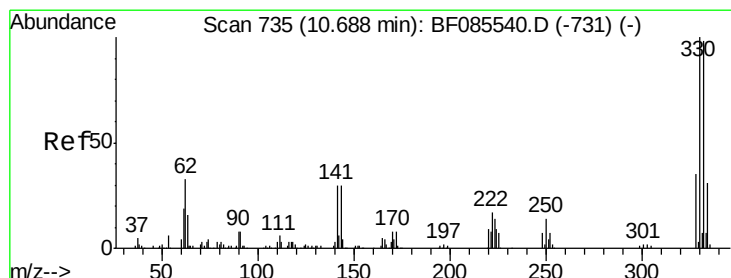
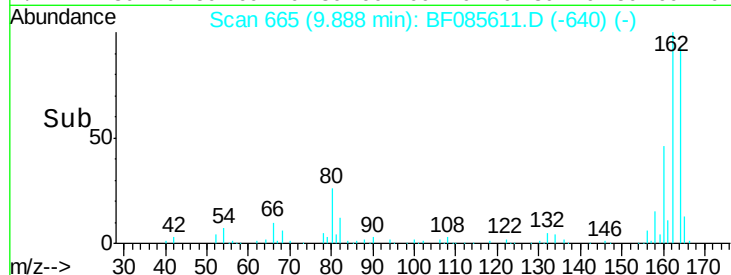
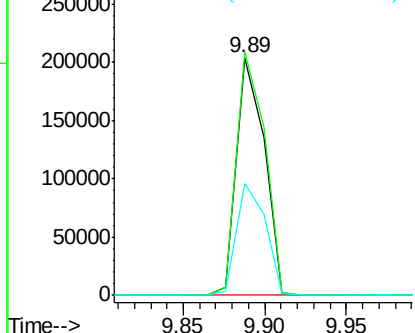
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:164 Resp: 238983
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.1 123.1
 160 46.8 37.4 56.2

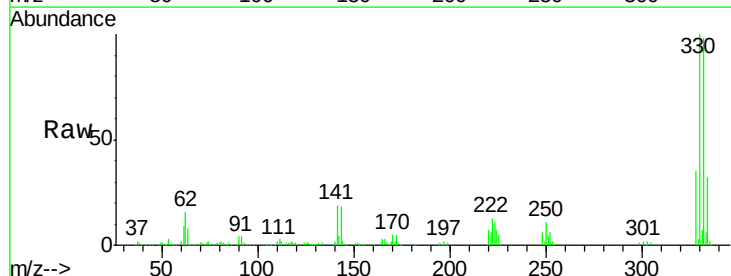


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

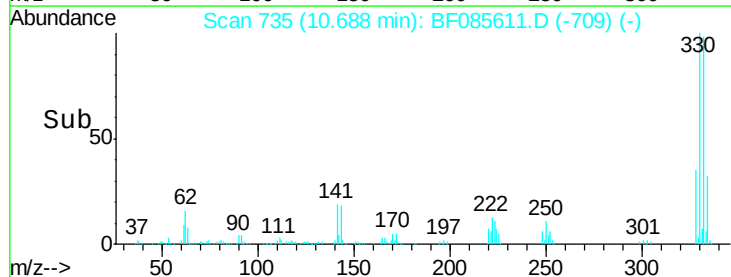
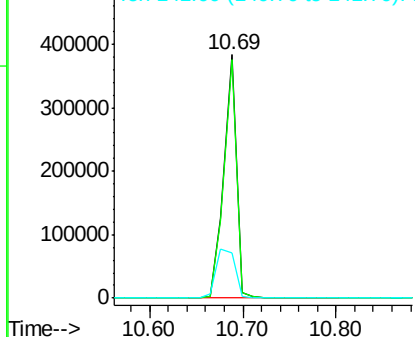


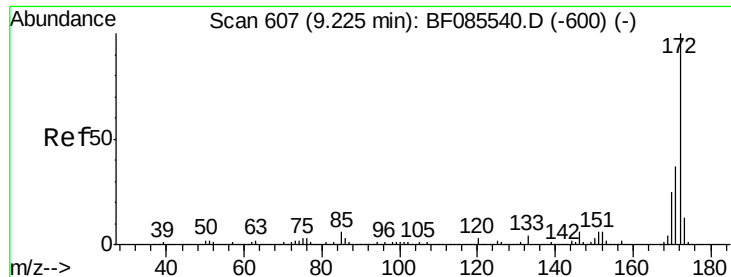
#41
 2,4,6-Tribromophenol
 Concen: 154.33 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

Tgt Ion:330 Resp: 361276
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 30.5 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

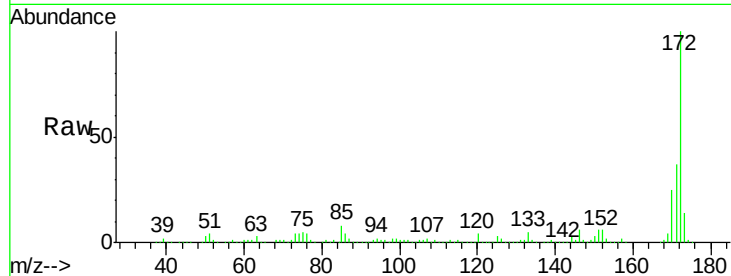




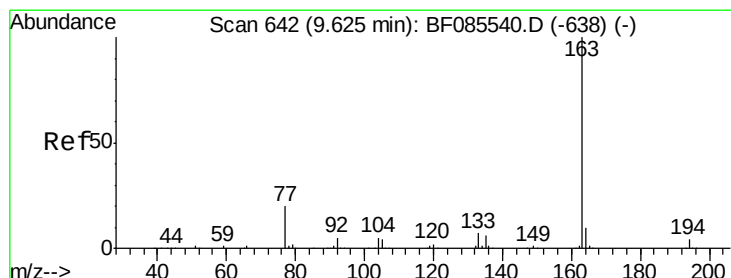
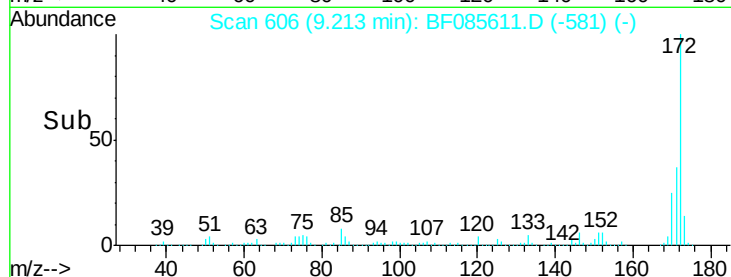
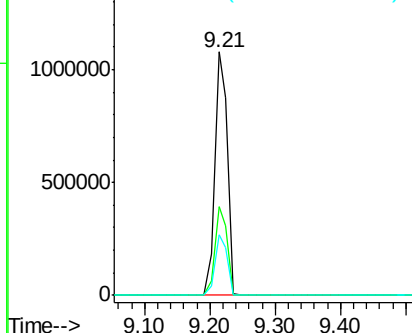
#44
2-Fluorobiphenyl
Concen: 116.04 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085611.D
Acq: 20 Mar 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:172 Resp: 1479068
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 24.9 19.8 29.6

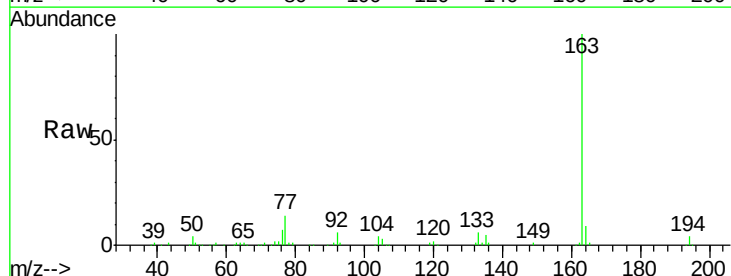


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

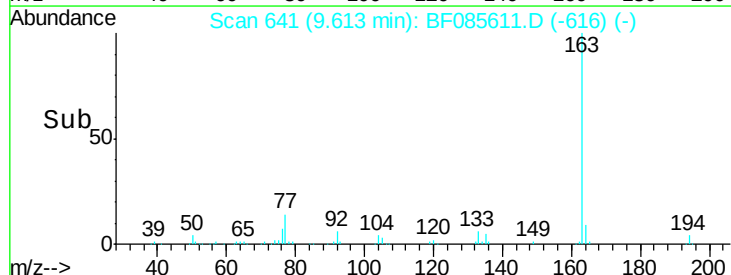
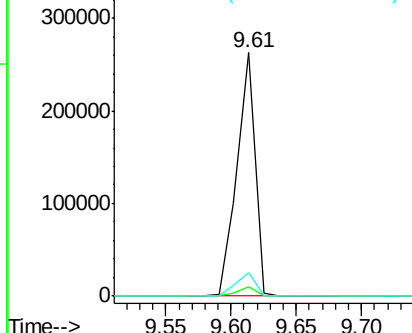


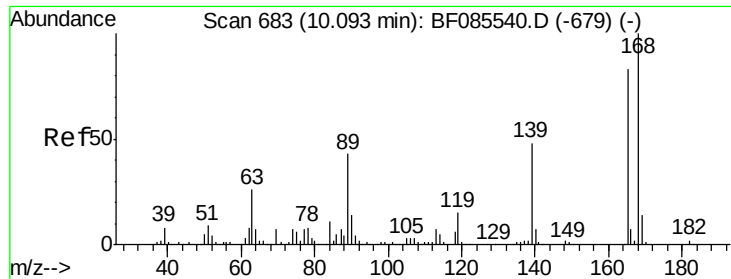
#49
Dimethylphthalate
Concen: 14.10 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085611.D
Acq: 20 Mar 2016 11:16

Tgt Ion:163 Resp: 254193
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.5 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

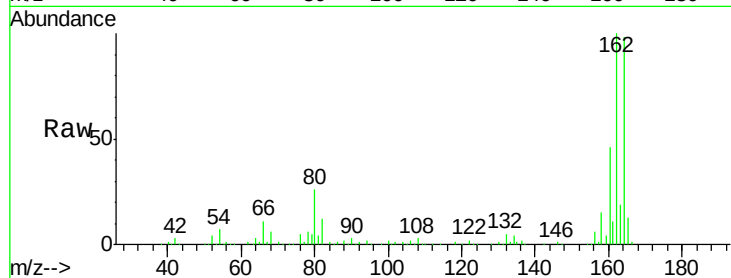




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:	165	Resp:	30710
Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

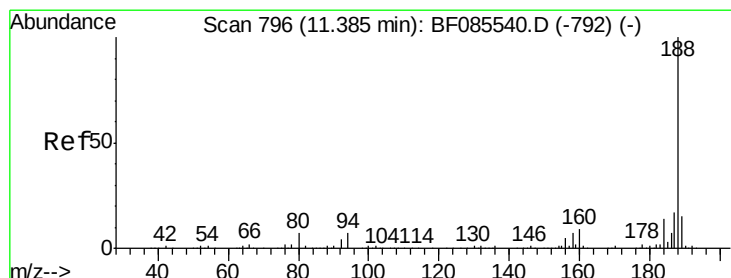
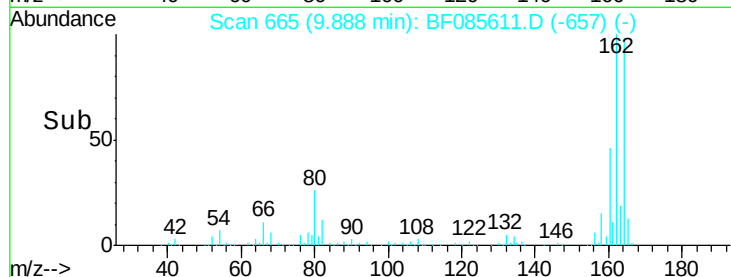
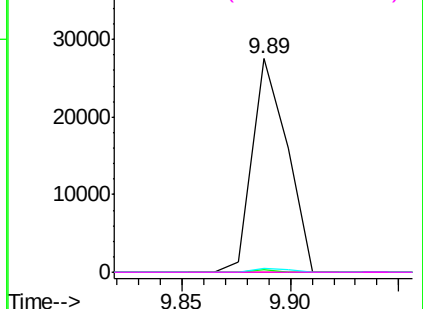


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

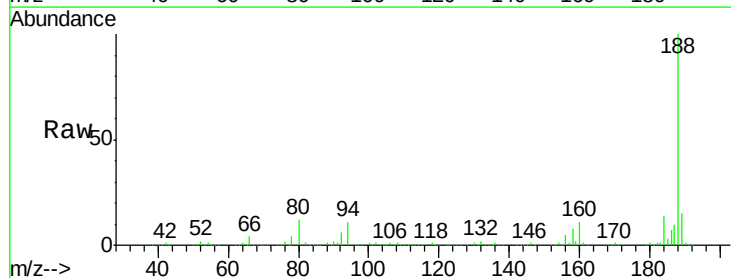
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085611.D
 Acq: 20 Mar 2016 11:16

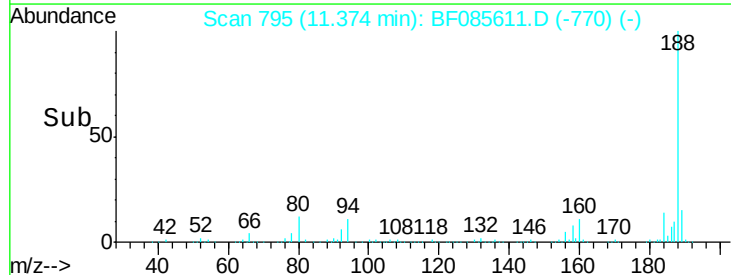
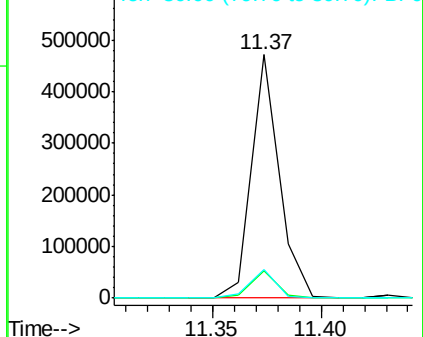
Tgt Ion:	188	Resp:	419039
Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.4	8.0#
80	11.9	5.5	8.3#

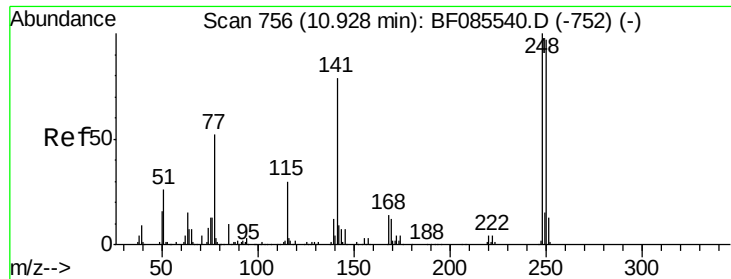


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.67 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.24 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

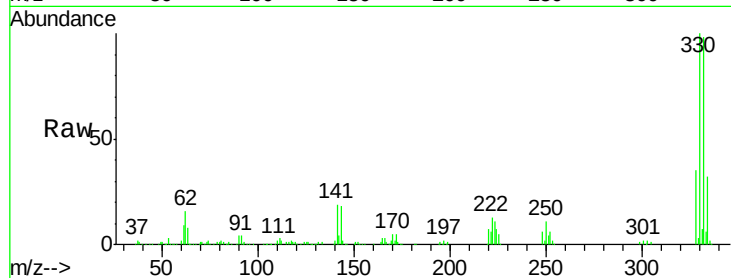
Tgt Ion:248 Resp: 23748

Ion Ratio Lower Upper

248 100

250 199.0 77.4 116.0#

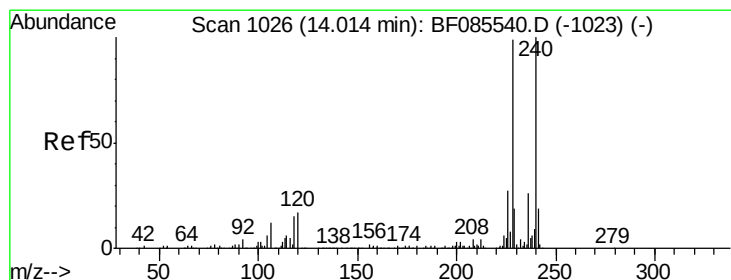
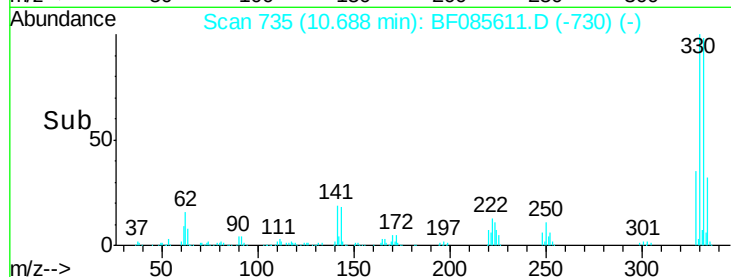
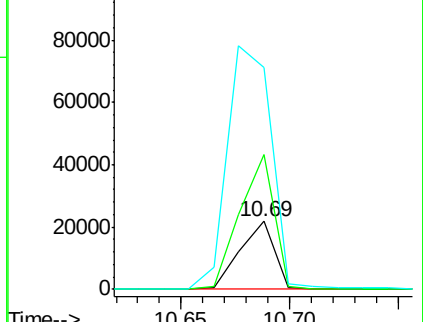
141 327.0 63.6 95.4#



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: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

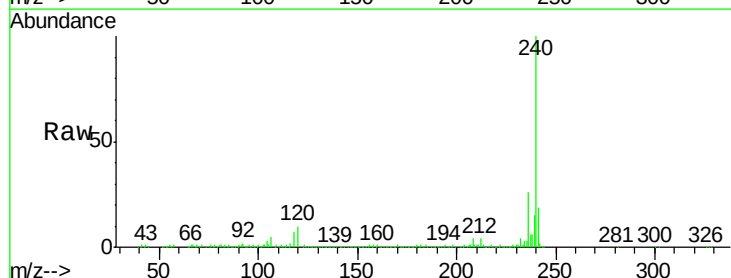
Tgt Ion:240 Resp: 278781

Ion Ratio Lower Upper

240 100

120 10.4 13.8 20.8#

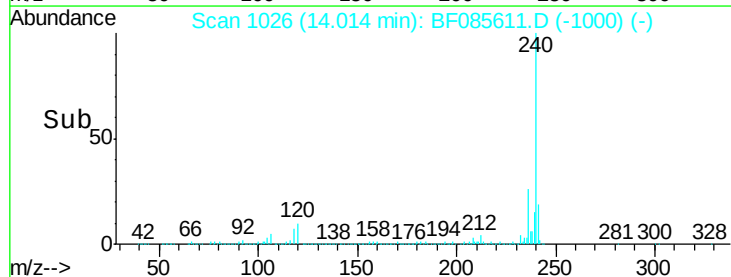
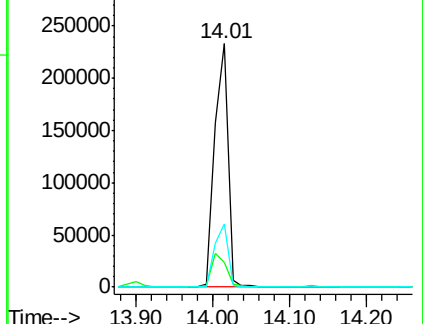
236 25.9 20.6 30.8

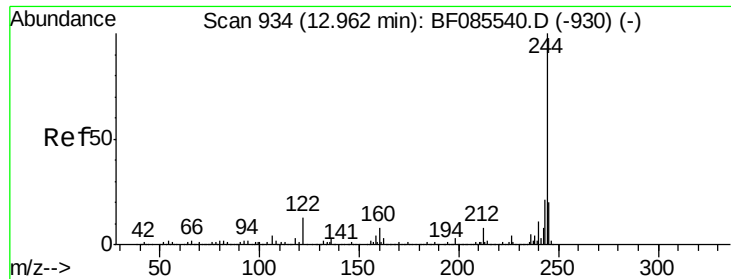


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.96 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

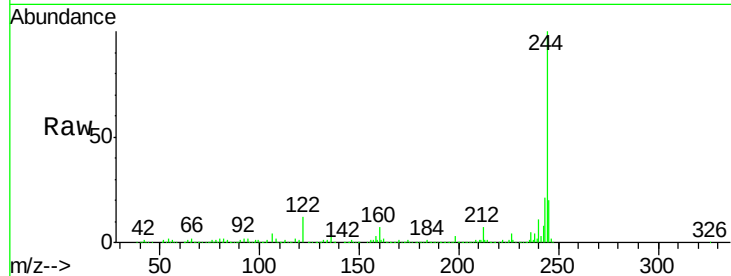
Tgt Ion:244 Resp: 1088524

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

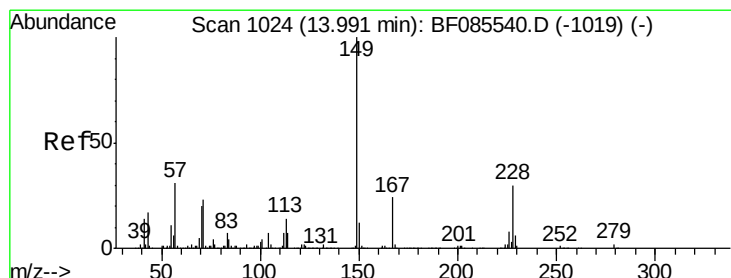
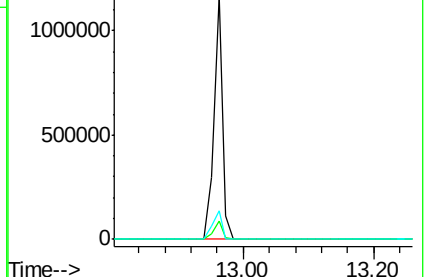
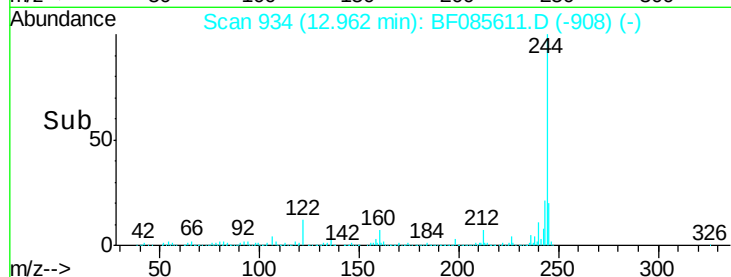
122 11.6 10.2 15.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.01 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085611.D

Acq: 20 Mar 2016 11:16

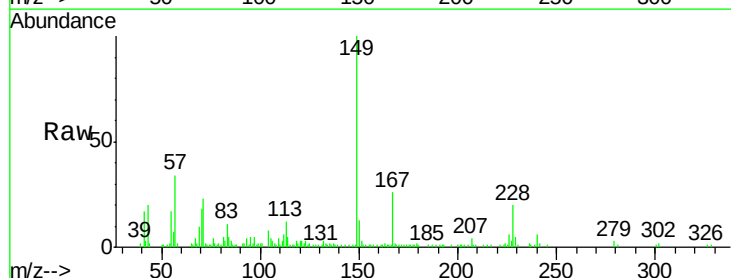
Tgt Ion:149 Resp: 35637

Ion Ratio Lower Upper

149 100

167 26.1 19.4 29.2

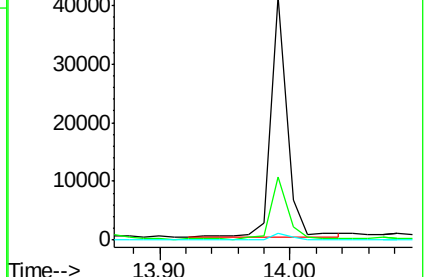
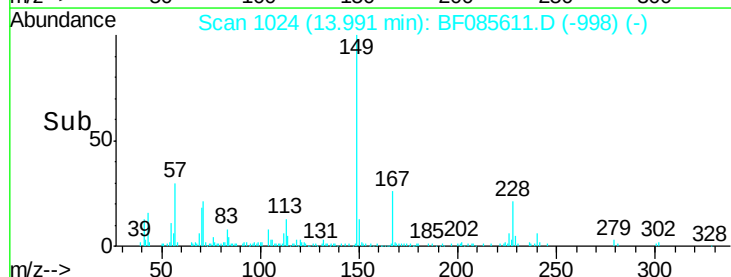
279 2.6 1.5 2.3#

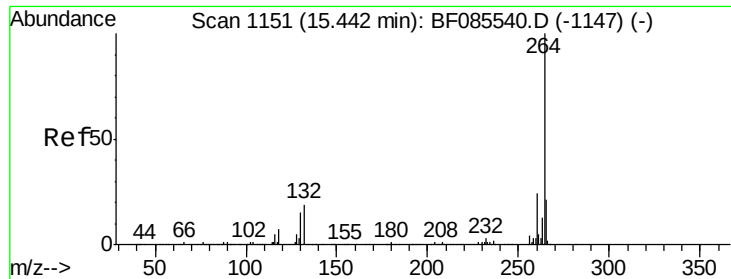


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

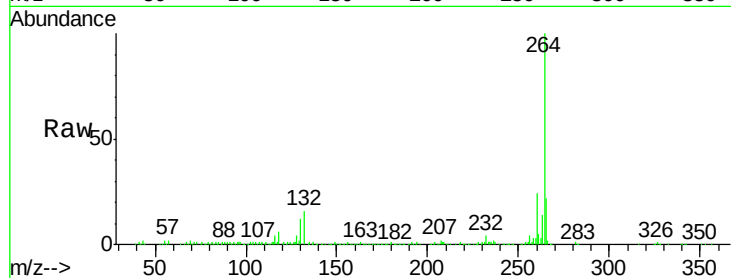




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF085611.D
Acq: 20 Mar 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	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

