

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085503.D
 Acq On : 17 Mar 2016 20:51
 Operator : UM/SJ
 Sample : PB88325BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Quant Time: Mar 18 00:47:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

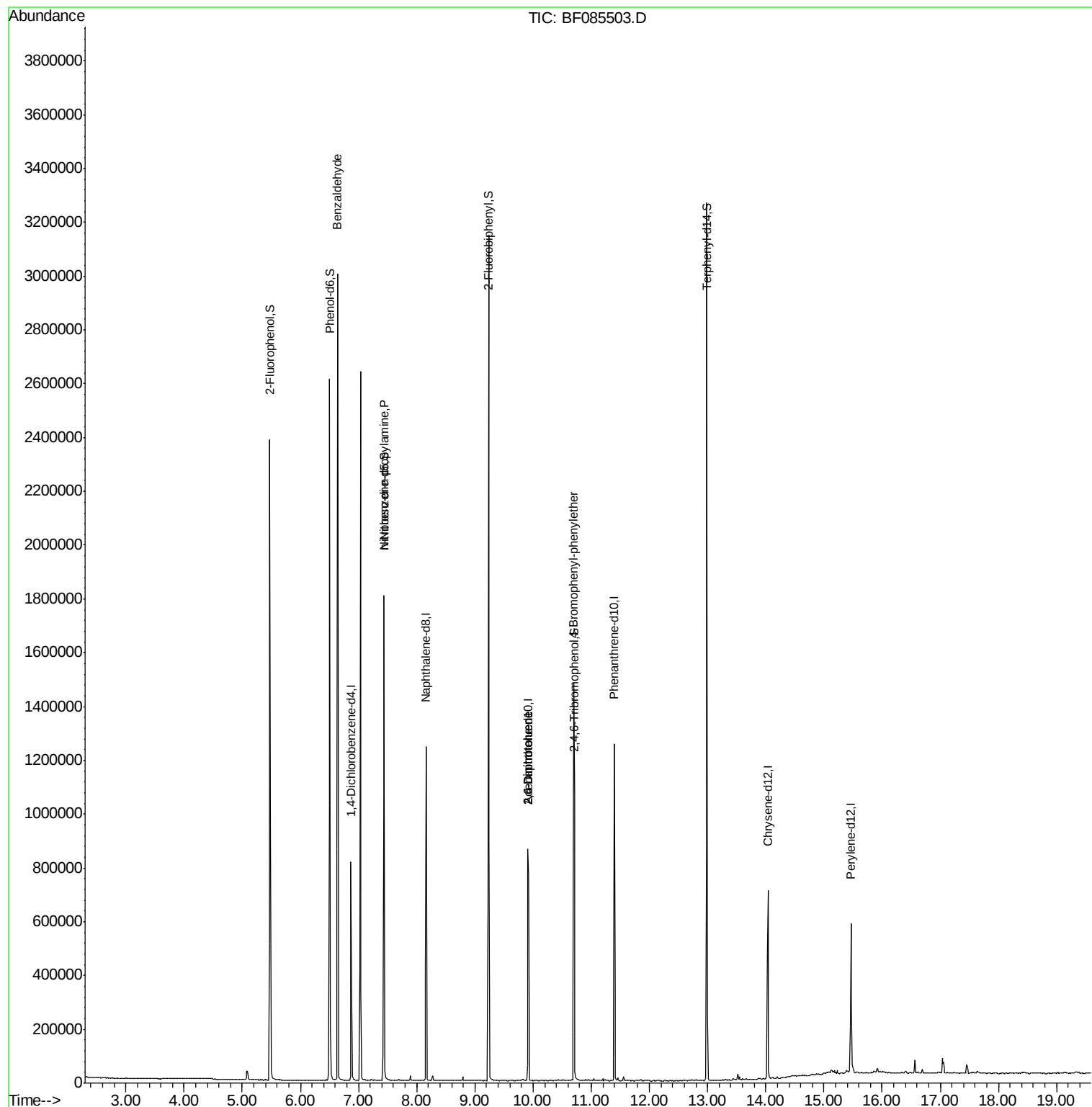
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136727	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	596046	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	247432	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	449935	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	303502	20.00	ng	-0.05
86) Perylene-d12	15.47	264	249444	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	836303	105.14	ng	-0.03
7) Phenol-d6	6.50	99	1023411	99.19	ng	-0.05
23) Nitrobenzene-d5	7.44	82	745732	73.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	255382	112.06	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1112322	77.99	ng	-0.05
78) Terphenyl-d14	12.99	244	986005	73.49	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	19670	3.41	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.44	70	97710	15.81	ng	# 75
50) 2,6-Dinitrotoluene	9.91	165	31181	7.82	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	31181	6.23	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	16252	3.57	ng	# 1

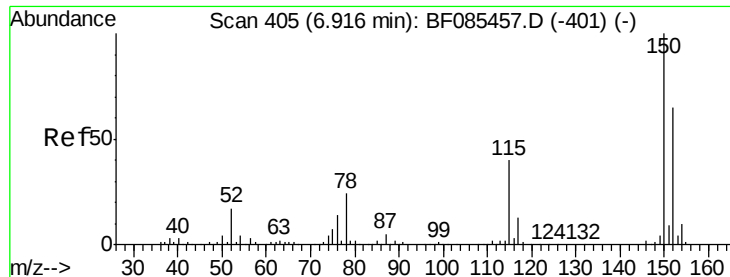
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085503.D
Acq On : 17 Mar 2016 20:51
Operator : UM/SJ
Sample : PB88325BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88925BL

Quant Time: Mar 18 00:47:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88925BL

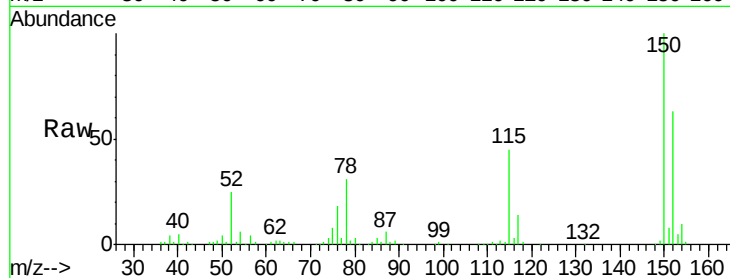
Tgt Ion:152 Resp: 136727

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

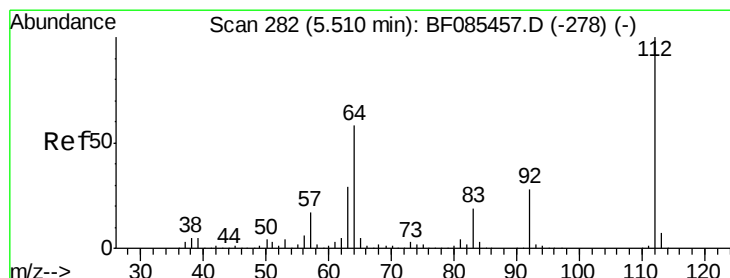
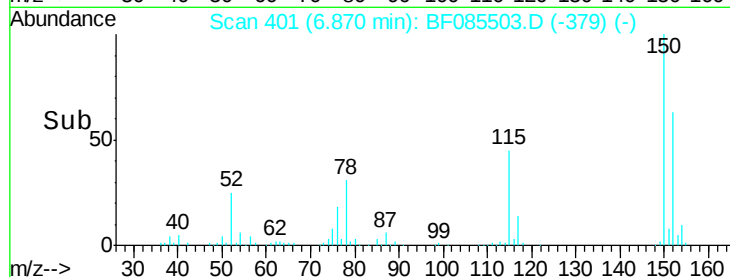
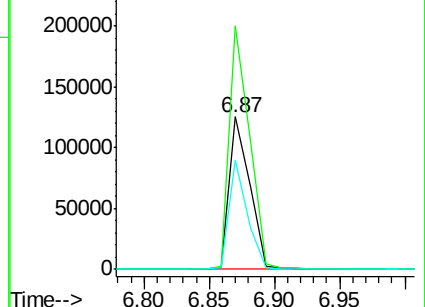
115 71.3 46.6 70.0#



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: 105.14 ng

RT: 5.48 min Scan# 279

Delta R.T. -0.03 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

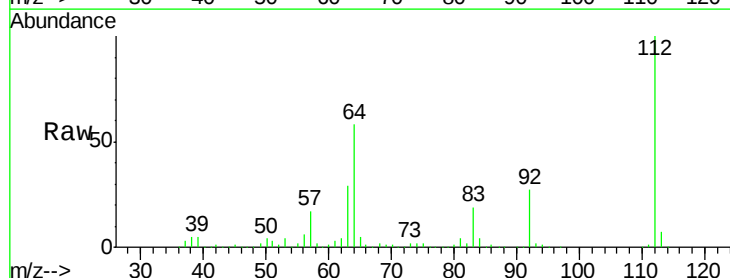
Tgt Ion:112 Resp: 836303

Ion Ratio Lower Upper

112 100

64 57.8 49.0 73.4

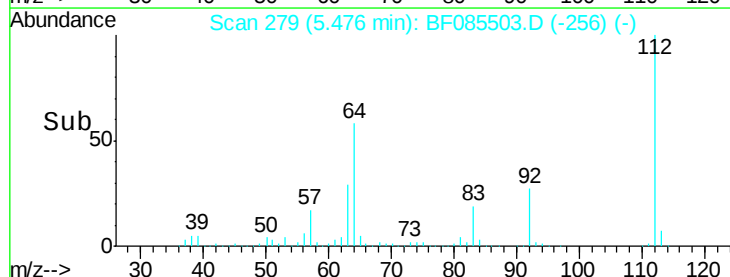
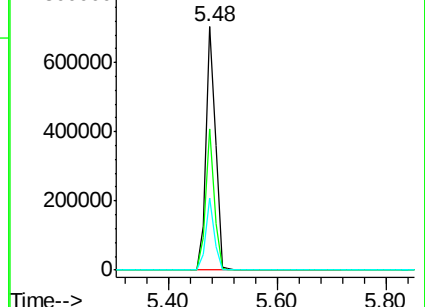
63 29.4 24.8 37.2

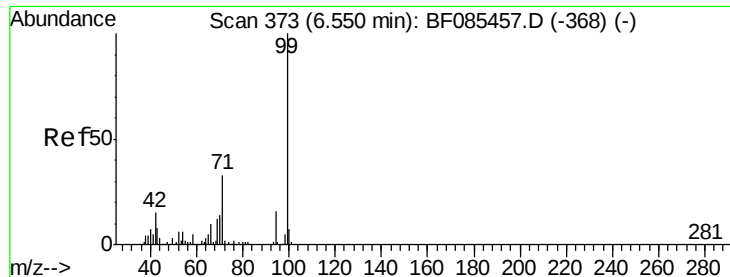


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.19 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88925BL

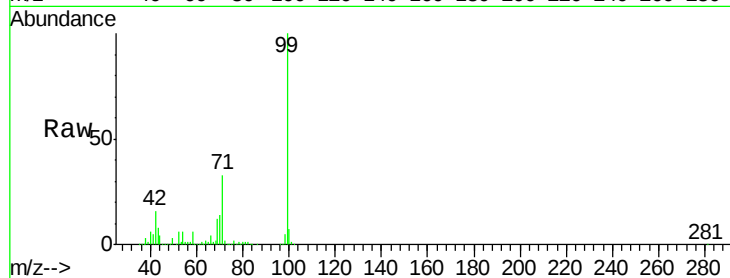
Tgt Ion: 99 Resp: 1023411

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

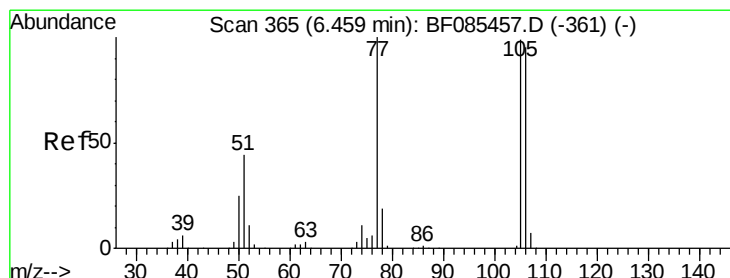
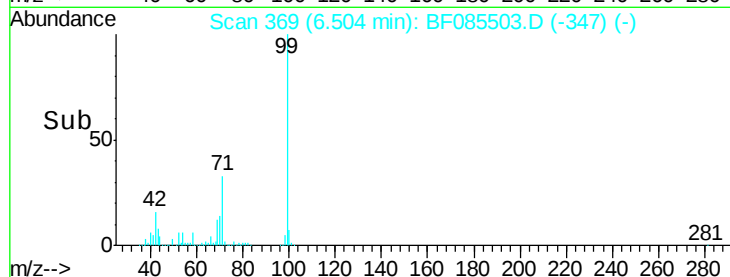
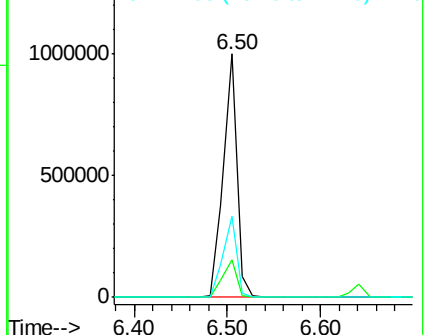
71 33.2 26.7 40.1



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: 3.41 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

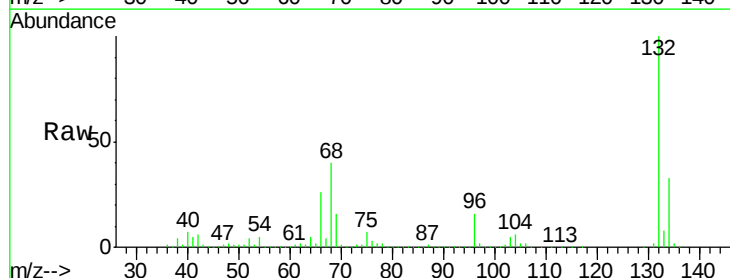
Tgt Ion: 77 Resp: 19670

Ion Ratio Lower Upper

77 100

105 81.0 78.2 118.2

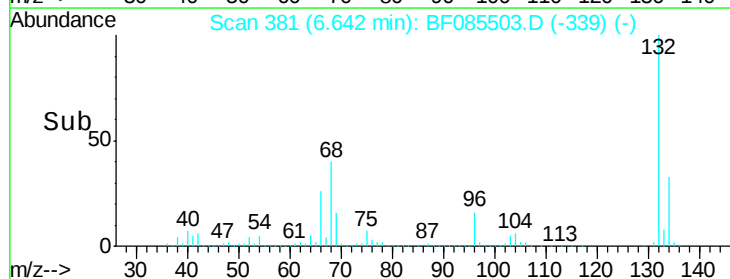
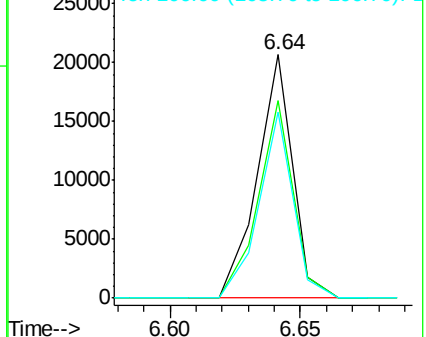
106 76.2 72.9 112.9

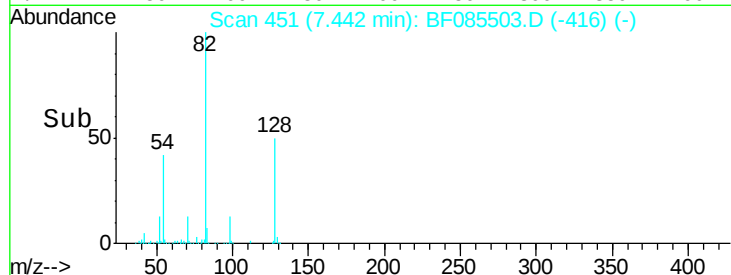
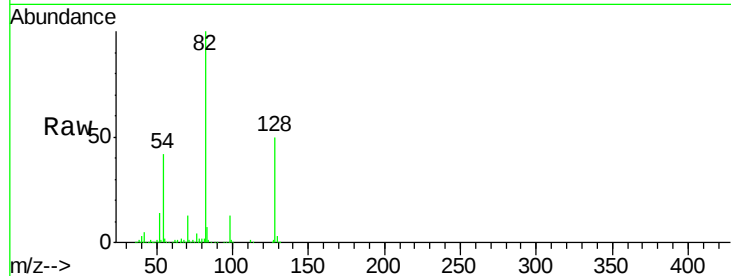
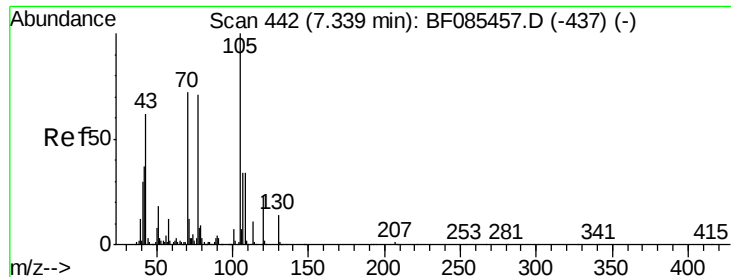


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

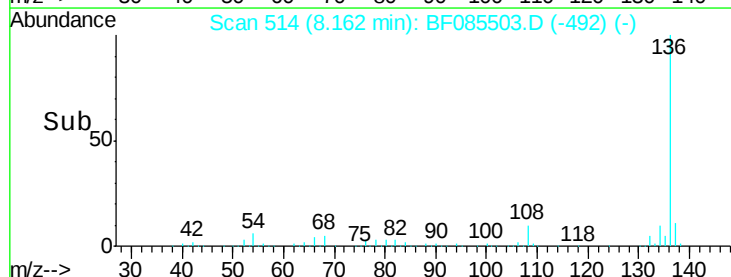
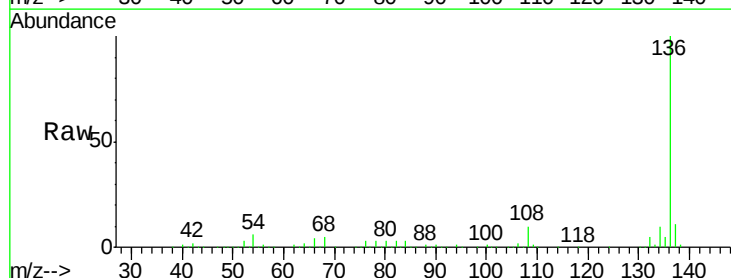
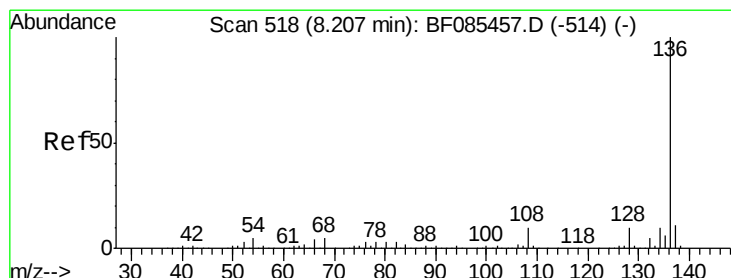
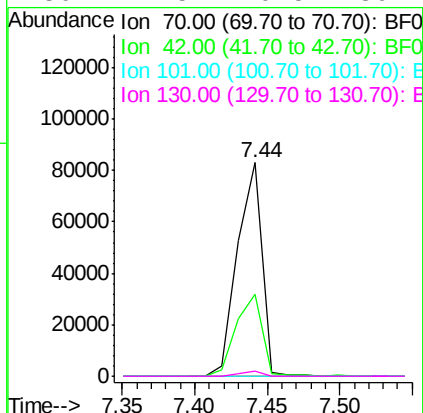




#19
n-Nitroso-di-n-propylamine
Concen: 15.81 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085503.D
Acq: 17 Mar 2016 20:51

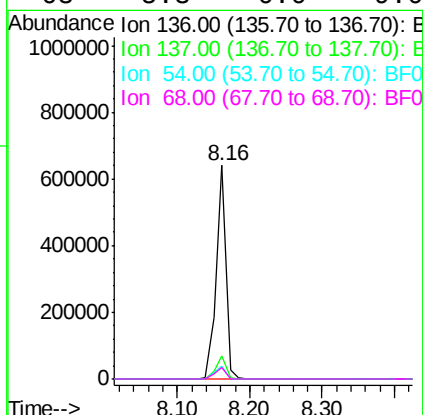
Instrument :
BNA_F
ClientSampleId :
PB88925BL

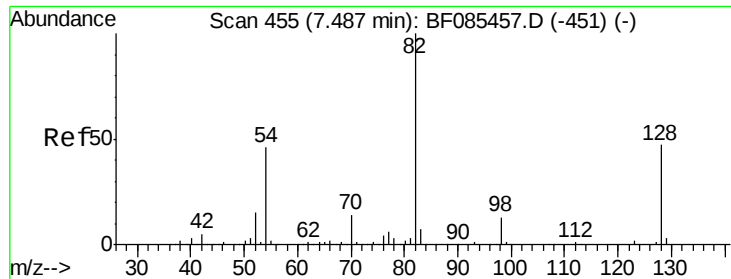
Tgt Ion:	70	Resp:	97710
Ion	Ratio	Lower	Upper
70	100		
42	38.1	37.7	56.5
101	0.0	8.2	12.4#
130	2.5	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085503.D
Acq: 17 Mar 2016 20:51

Tgt Ion:	136	Resp:	596046
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	6.2	7.4	11.2#
68	5.3	6.0	9.0#

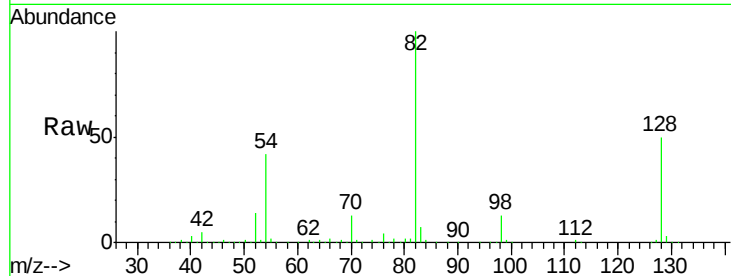




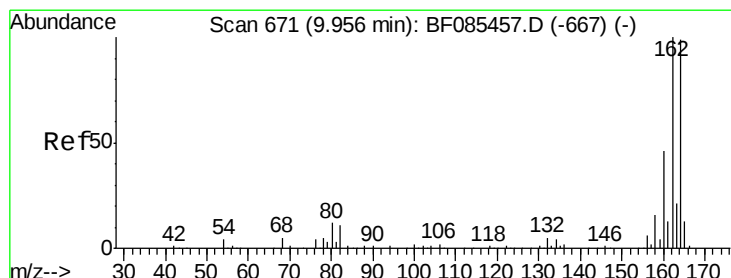
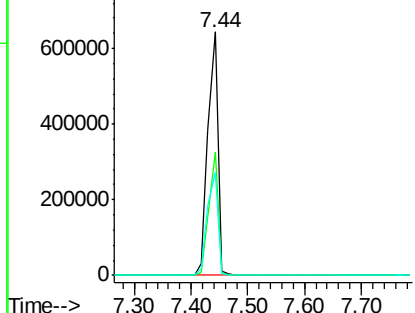
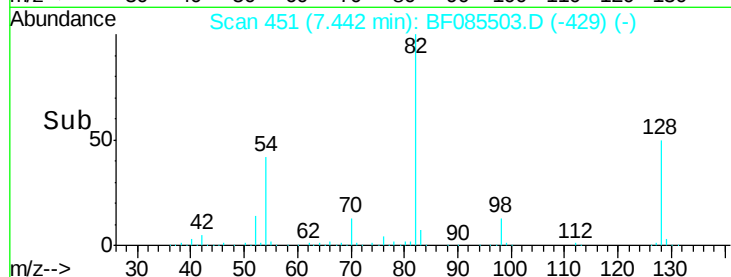
#23
 Nitrobenzene-d5
 Concen: 73.97 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085503.D
 Acq: 17 Mar 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Tgt Ion: 82 Resp: 745732
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.5 51.7
 54 42.3 39.3 58.9

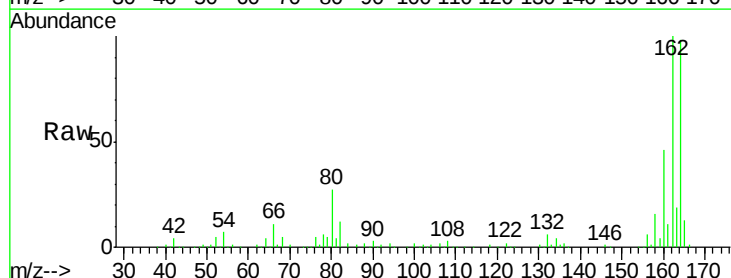


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

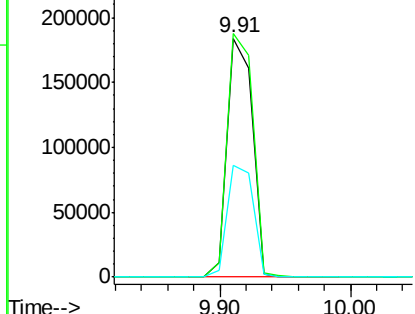
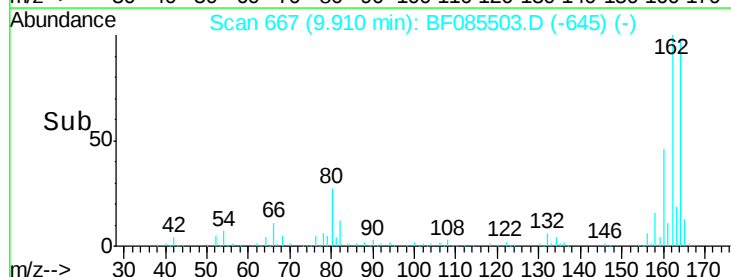


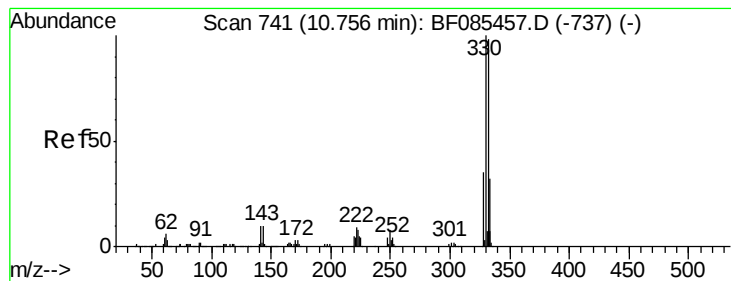
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF085503.D
 Acq: 17 Mar 2016 20:51

Tgt Ion: 164 Resp: 247432
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.3 124.9
 160 46.6 37.9 56.9



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

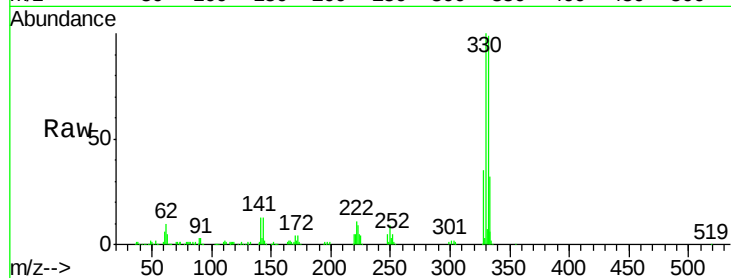




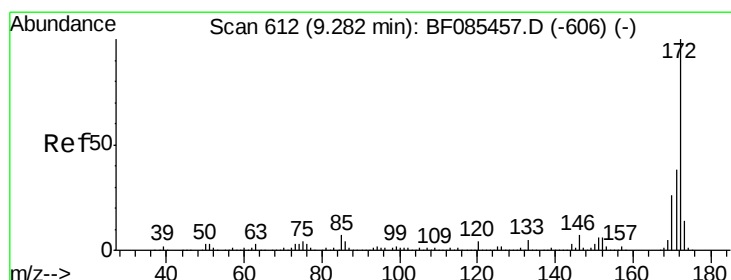
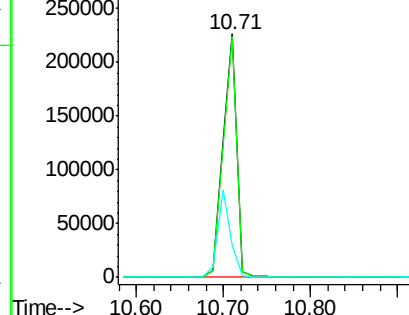
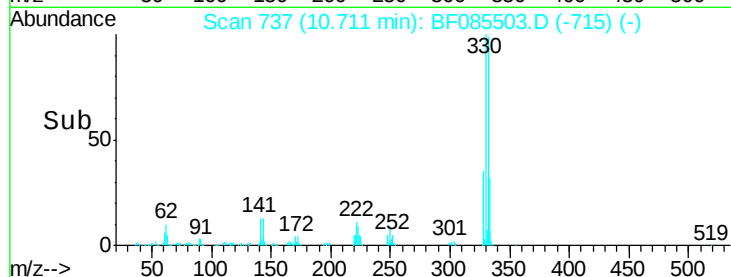
#41
 2,4,6-Tribromophenol
 Concen: 112.06 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085503.D
 Acq: 17 Mar 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Tgt Ion:330 Resp: 255382
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 33.7 35.0 52.6#

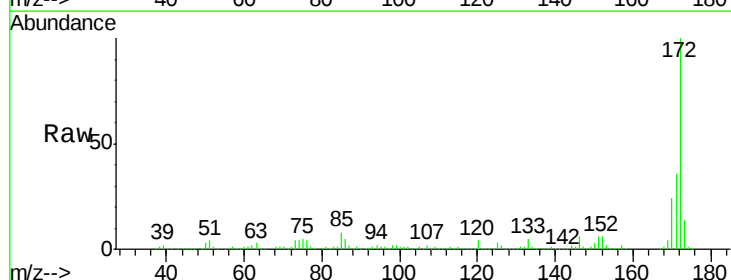


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

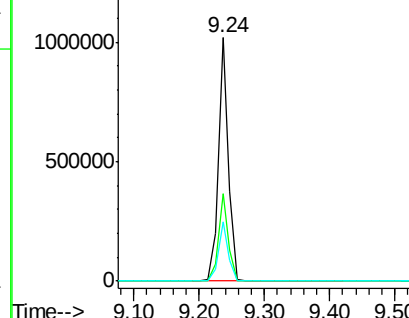
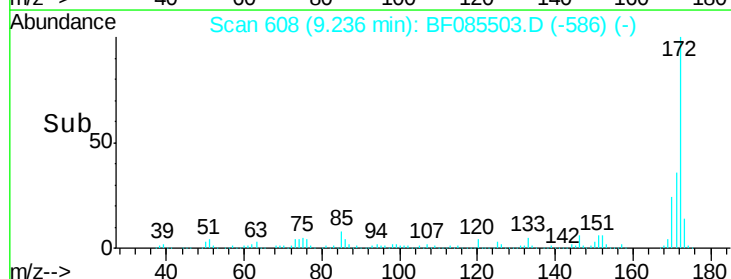


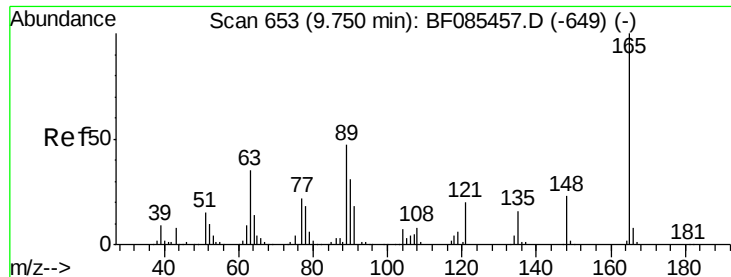
#44
 2-Fluorobiphenyl
 Concen: 77.99 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085503.D
 Acq: 17 Mar 2016 20:51

Tgt Ion:172 Resp: 1112322
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.3 20.0 30.0



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: 7.82 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.16 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88925BL

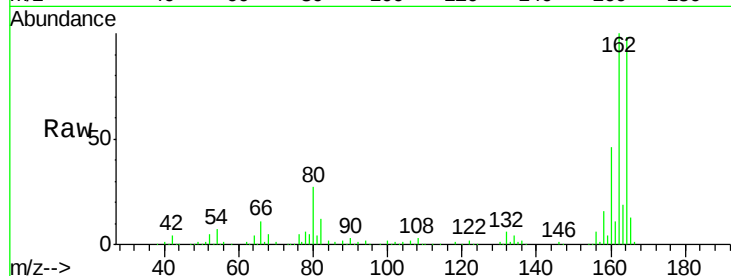
Tgt Ion:165 Resp: 31181

Ion Ratio Lower Upper

165 100

63 1.4 41.8 62.8#

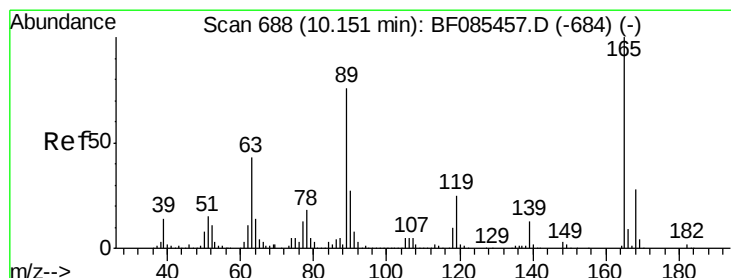
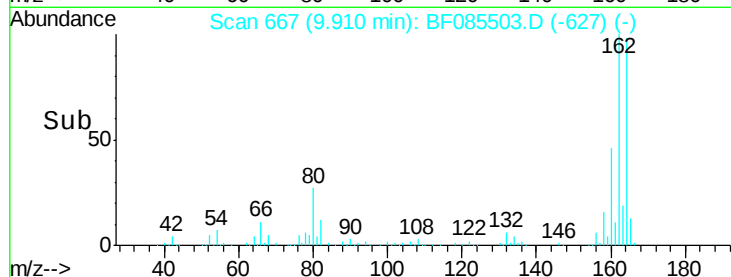
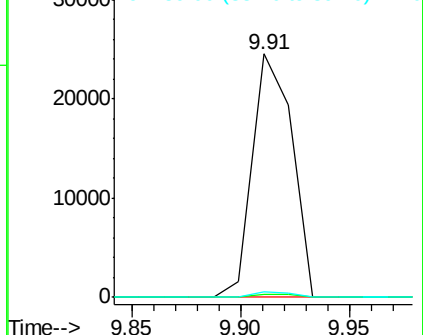
89 2.0 46.7 70.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.24 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Tgt Ion:165 Resp: 31181

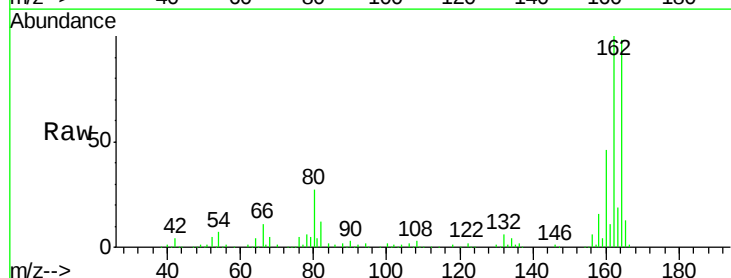
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 2.0 61.9 92.9#

182 0.0 1.9 2.9#

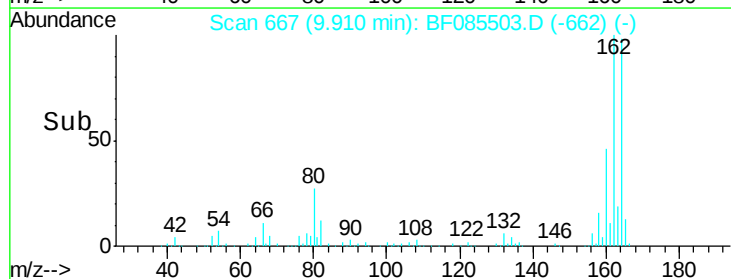
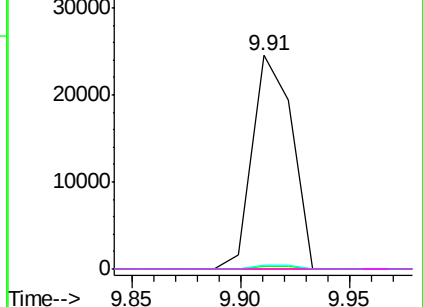


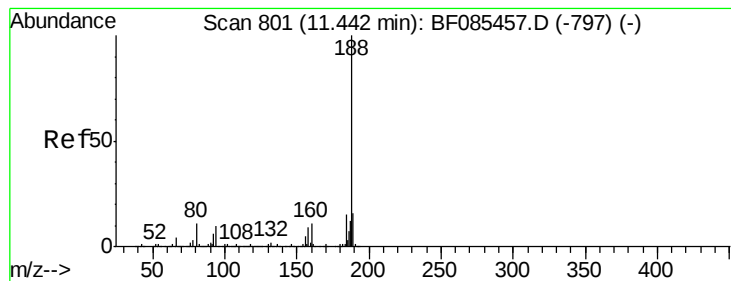
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88925BL

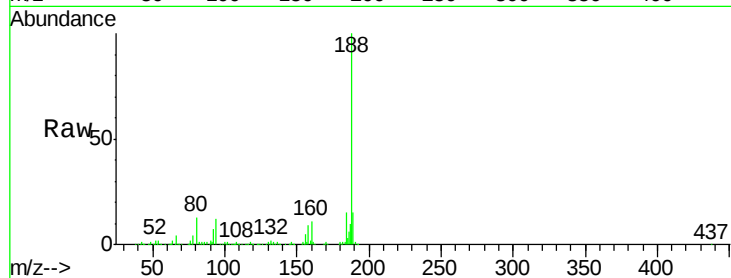
Tgt Ion:188 Resp: 449935

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.6#

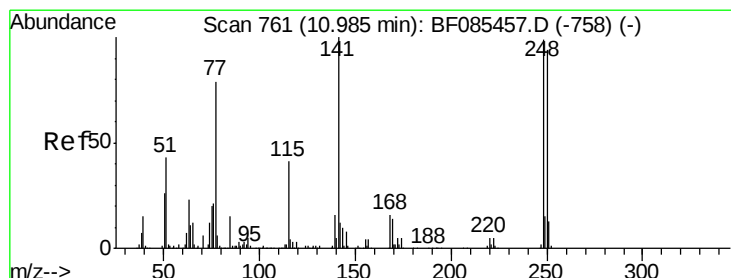
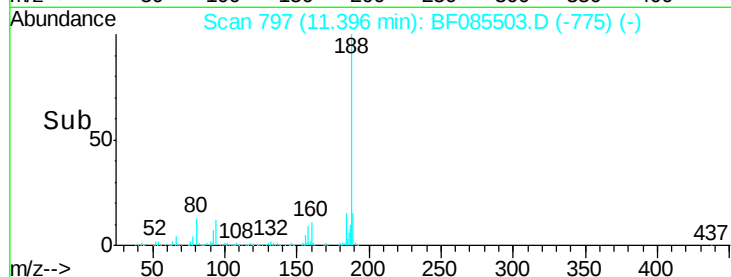
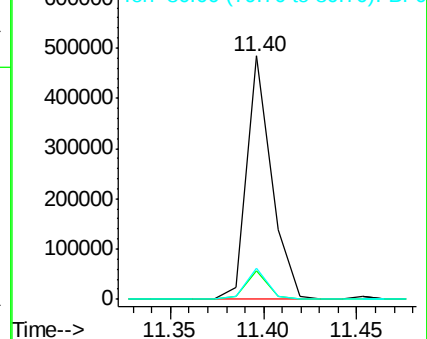
80 12.9 7.4 11.0#



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: 3.57 ng

RT: 10.70 min Scan# 736

Delta R.T. -0.29 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

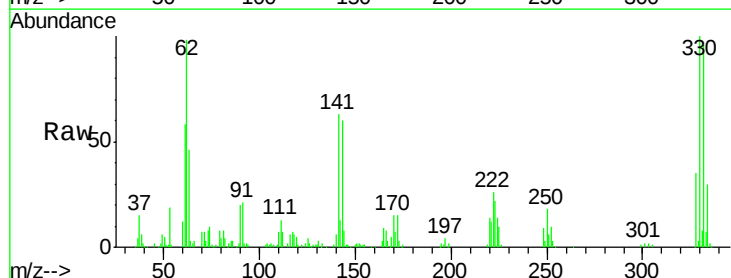
Tgt Ion:248 Resp: 16252

Ion Ratio Lower Upper

248 100

250 195.9 77.1 115.7#

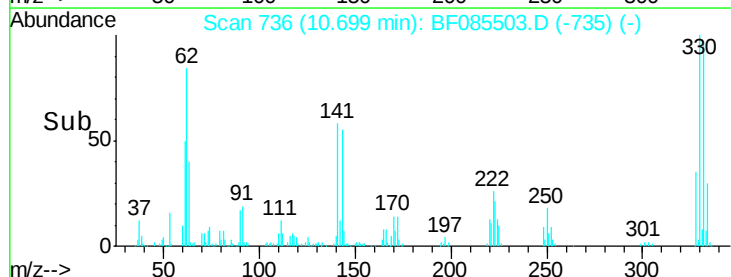
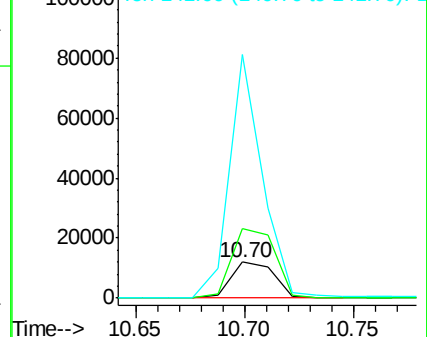
141 679.8 66.2 99.2#

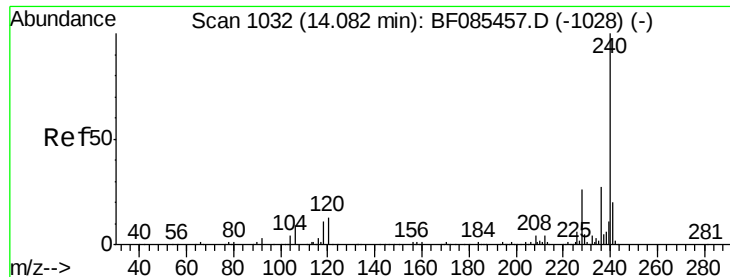


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88925BL

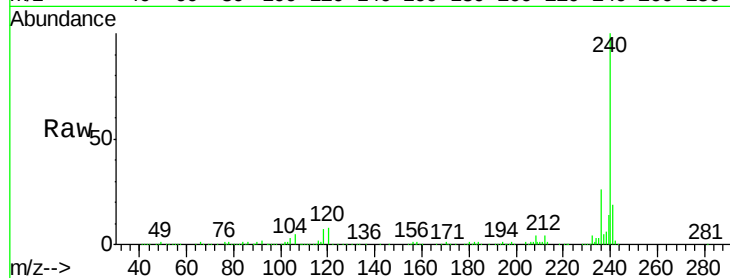
Tgt Ion:240 Resp: 303502

Ion Ratio Lower Upper

240 100

120 8.3 5.3 7.9#

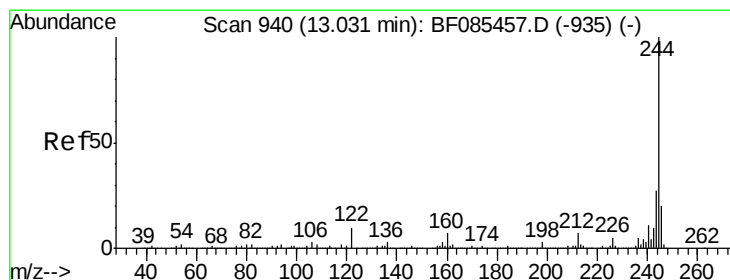
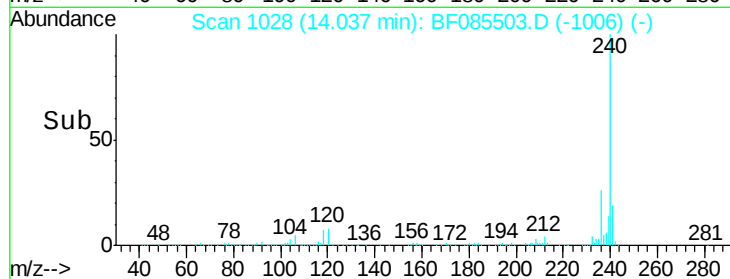
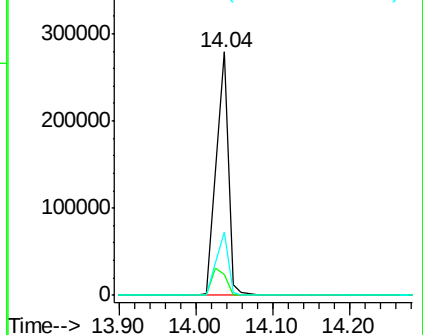
236 26.0 20.7 31.1



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: 73.49 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085503.D

Acq: 17 Mar 2016 20:51

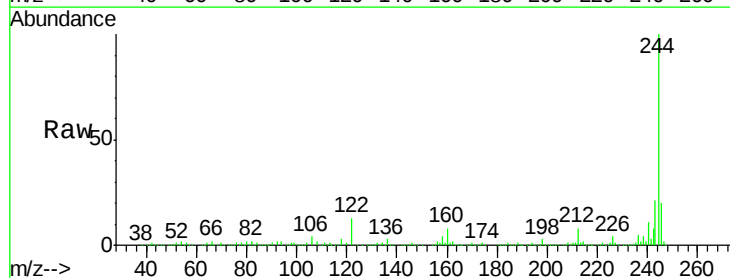
Tgt Ion:244 Resp: 986005

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

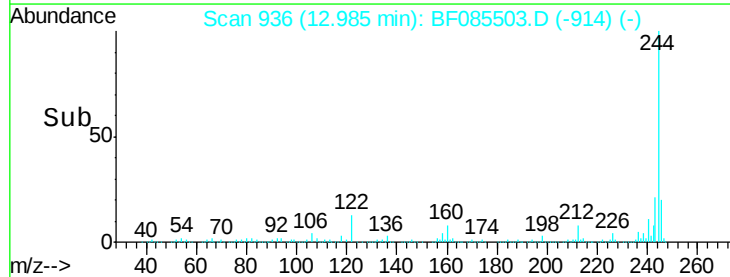
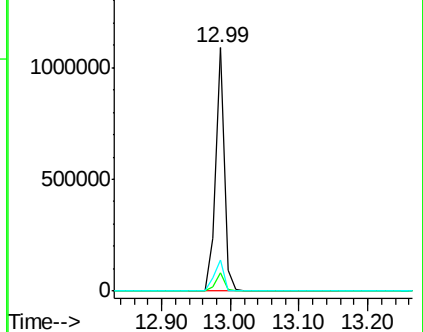
122 12.7 11.4 17.2

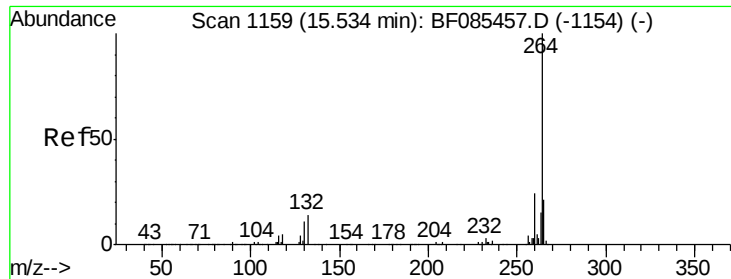


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085503.D
Acq: 17 Mar 2016 20:51

Instrument :
BNA_F
ClientSampleId :
PB88925BL

Tgt Ion: 264 Resp: 249444

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.3	25.9

