

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085667.D
 Acq On : 22 Mar 2016 19:15
 Operator : UM/SJ
 Sample : PB89081BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Quant Time: Mar 22 23:56:27 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

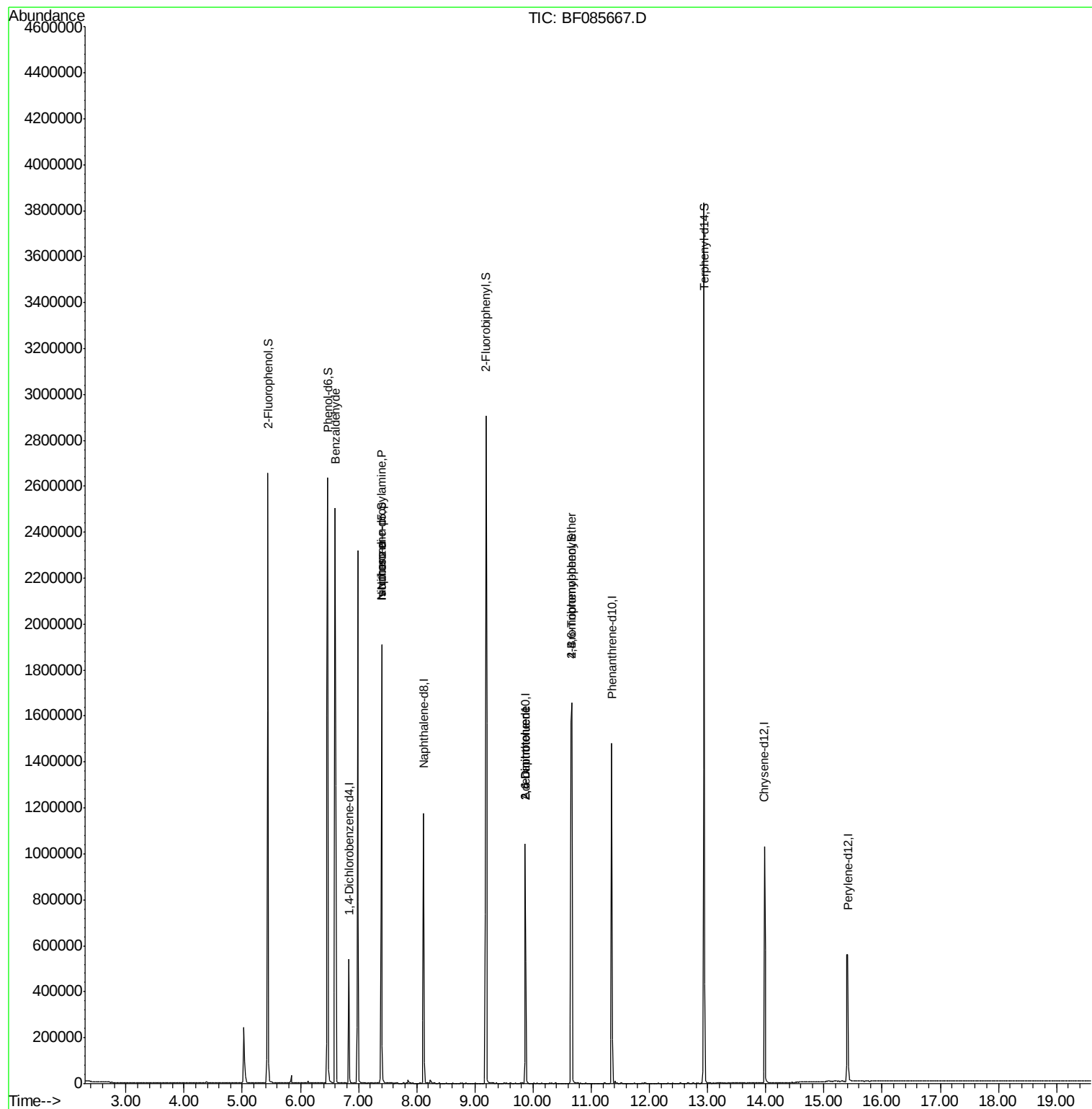
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125099	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	538388	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	242830	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	511422	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	422541	20.00	ng	-0.03
86) Perylene-d12	15.41	264	319959	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	952147	127.84	ng	-0.01
7) Phenol-d6	6.47	99	1189507	124.53	ng	-0.02
23) Nitrobenzene-d5	7.40	82	700717	75.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	355806	149.58	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1261152	89.89	ng	-0.03
78) Terphenyl-d14	12.94	244	1308351	74.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	18933	2.06	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.40	70	93854	16.45	ng	# 77
25) Isophorone	7.40	82	515794	27.78	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	30706	7.94	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	30708	6.06	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	21856	4.28	ng	# 1

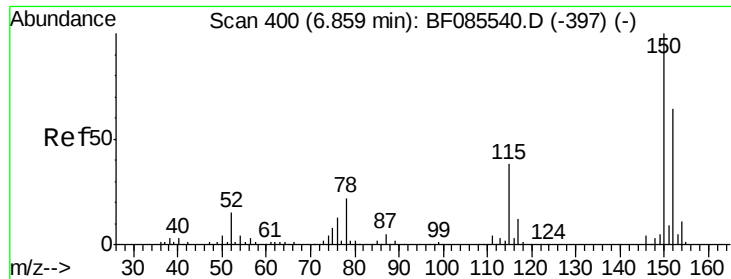
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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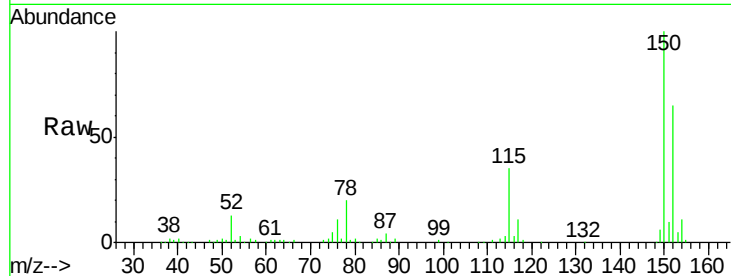




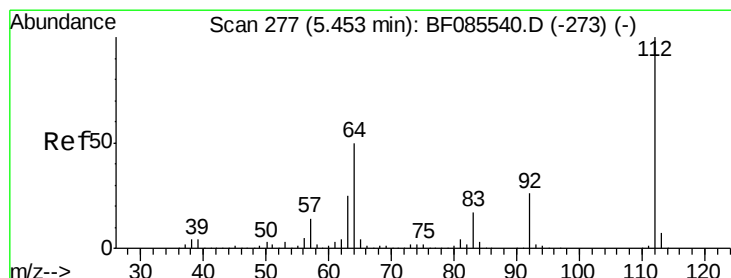
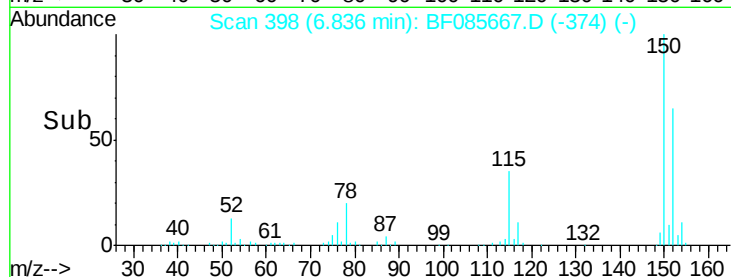
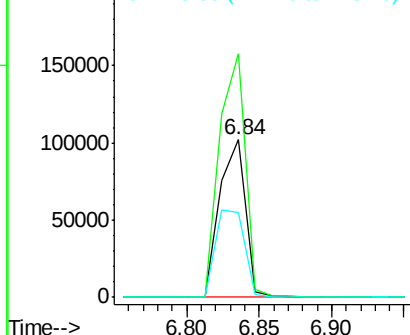
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Tgt Ion:152 Resp: 125099
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.2 186.2
 115 53.8 47.0 70.6

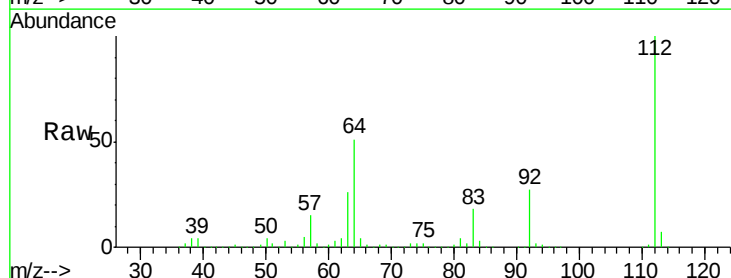


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

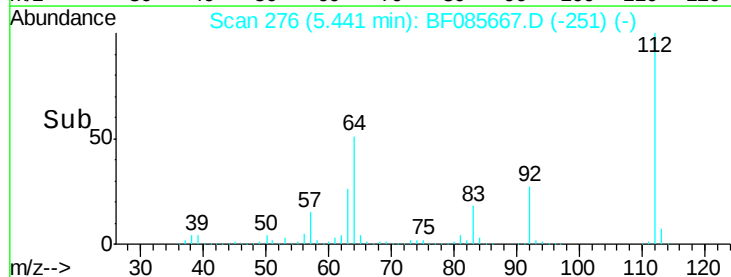
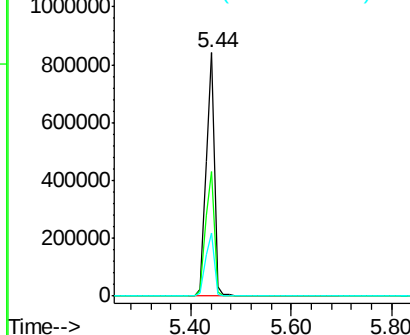


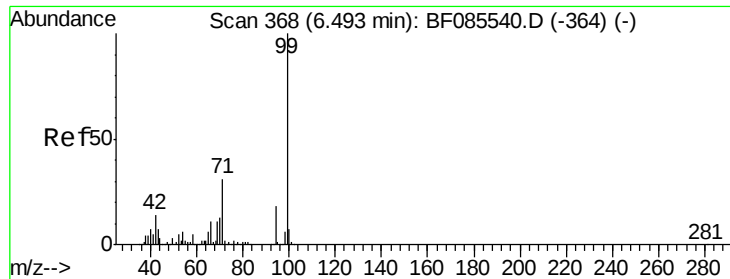
#5
 2-Fluorophenol
 Concen: 127.84 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Tgt Ion:112 Resp: 952147
 Ion Ratio Lower Upper
 112 100
 64 51.3 39.9 59.9
 63 26.0 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: 124.53 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampleId :

PB89081BL

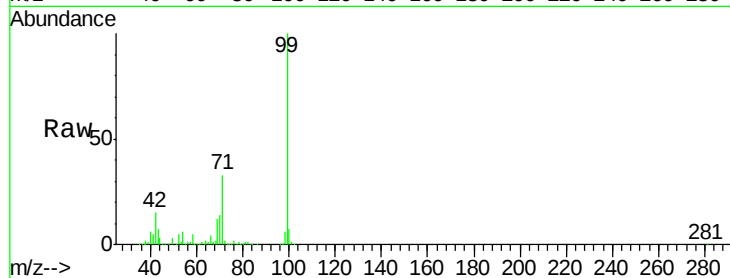
Tgt Ion: 99 Resp: 1189507

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

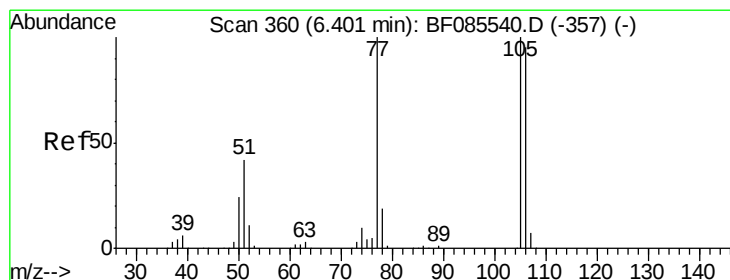
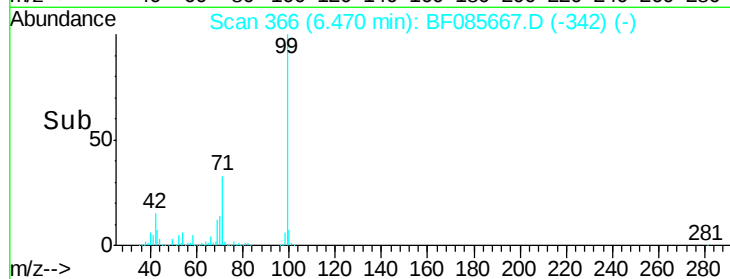
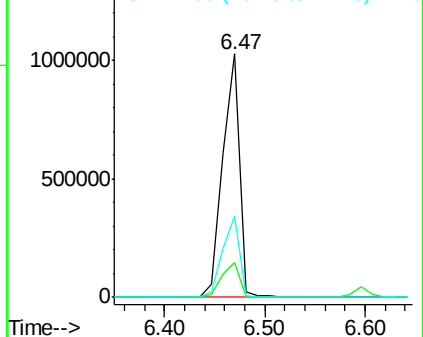
71 33.5 24.9 37.3



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: 2.06 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.19 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

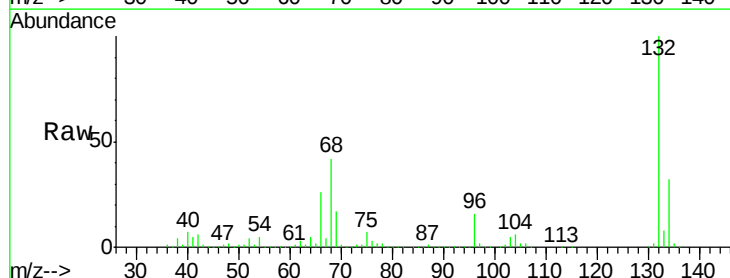
Tgt Ion: 77 Resp: 18933

Ion Ratio Lower Upper

77 100

105 80.3 80.1 120.1

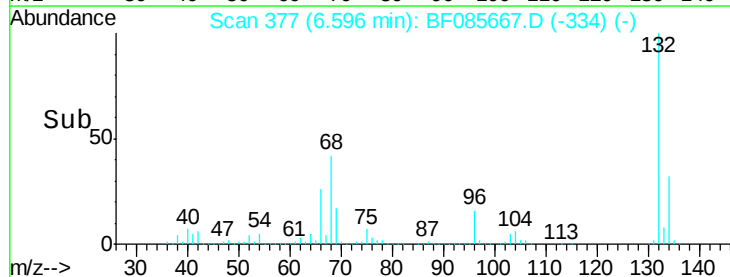
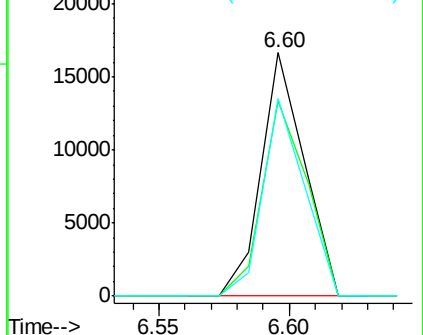
106 81.1 75.0 115.0

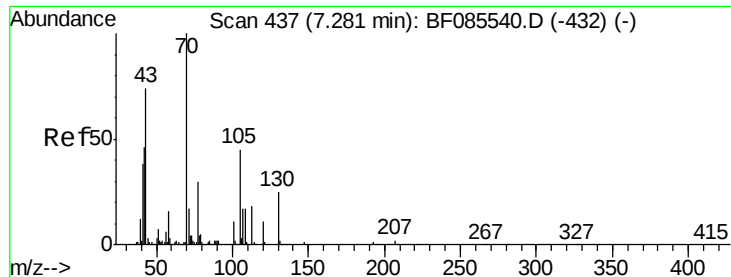


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.45 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampleId :

PB89081BL

Tgt Ion: 70 Resp: 93854

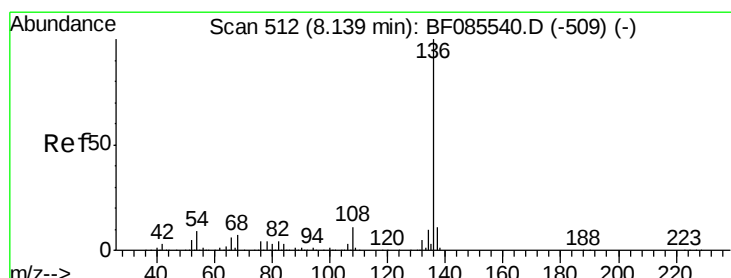
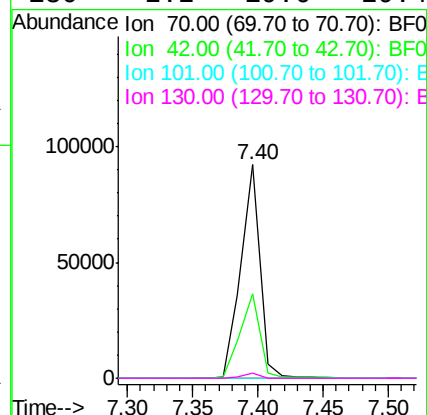
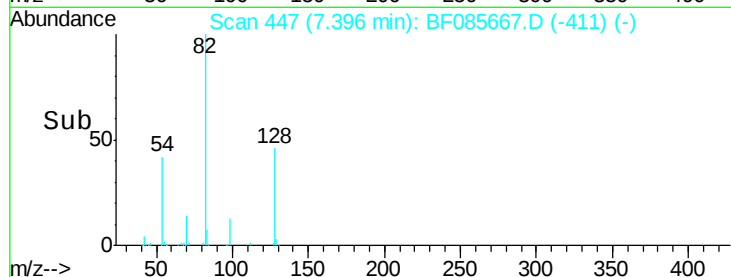
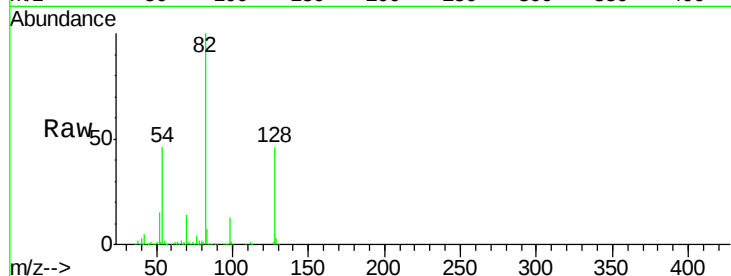
Ion Ratio Lower Upper

70 100

42 39.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Tgt Ion: 136 Resp: 538388

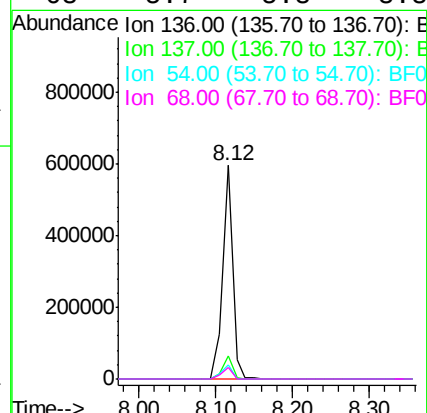
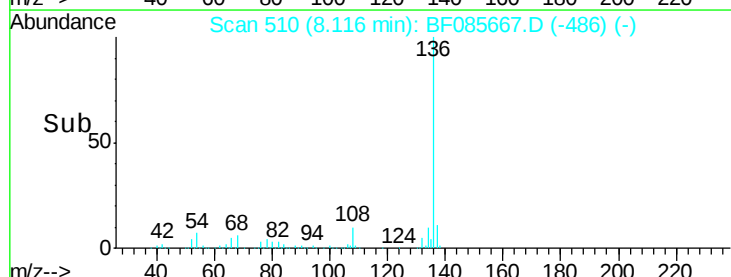
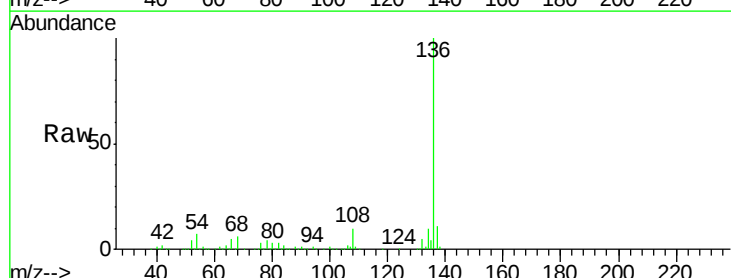
Ion Ratio Lower Upper

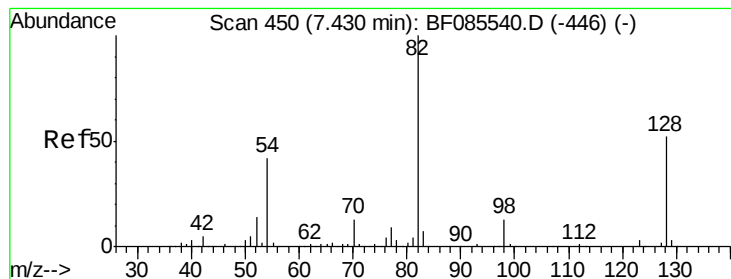
136 100

137 11.0 9.1 13.7

54 6.8 7.4 11.0#

68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 75.55 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampleId :

PB89081BL

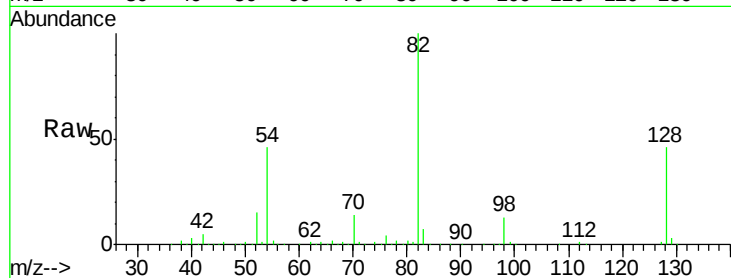
Tgt Ion: 82 Resp: 700717

Ion Ratio Lower Upper

82 100

128 45.6 41.8 62.8

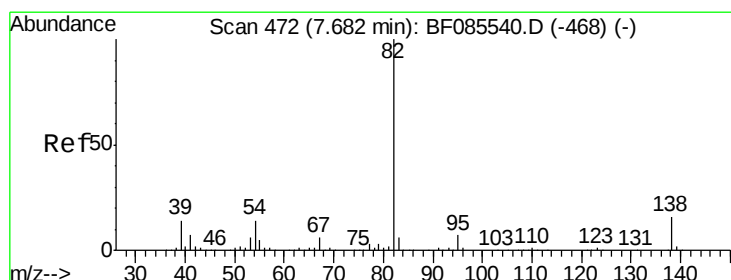
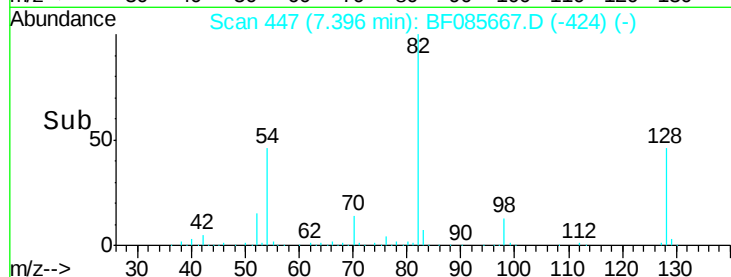
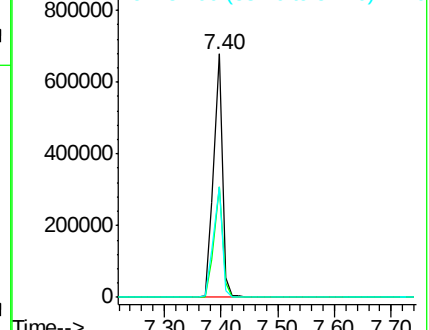
54 45.6 33.4 50.0



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: 27.78 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

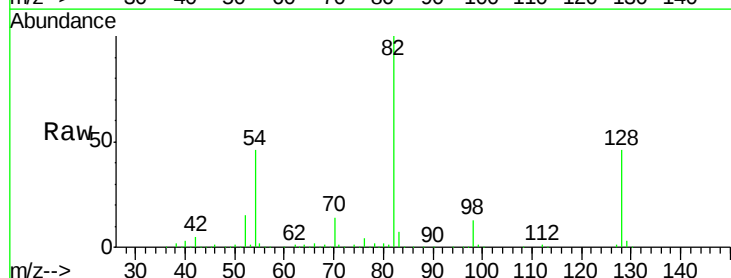
Tgt Ion: 82 Resp: 515794

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

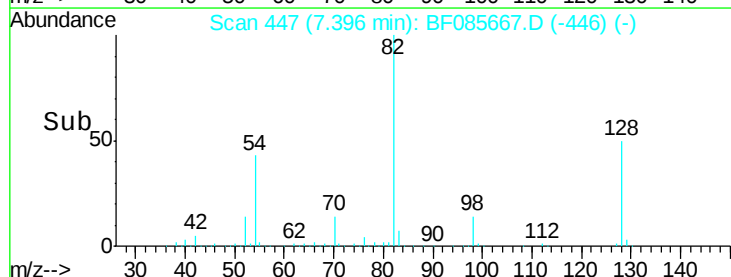
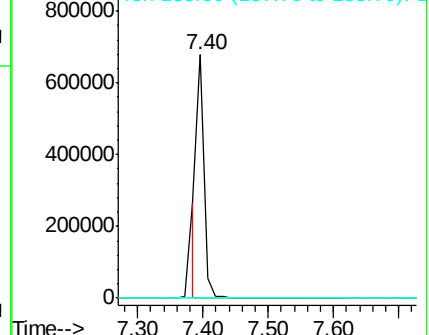
138 0.0 12.9 19.3#

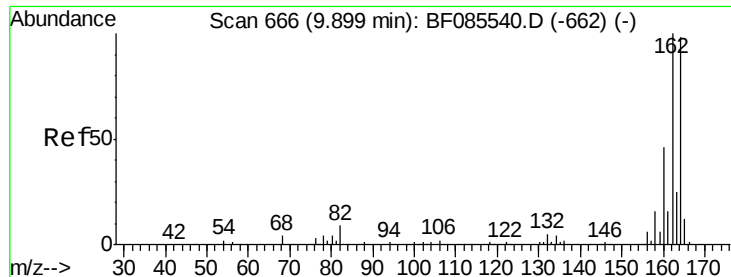


Abundance Ion 82.00 (81.70 to 82.70): BF0

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. -0.03 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampleId :

PB89081BL

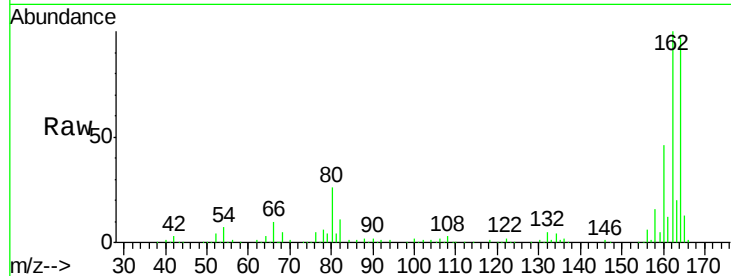
Tgt Ion:164 Resp: 242830

Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

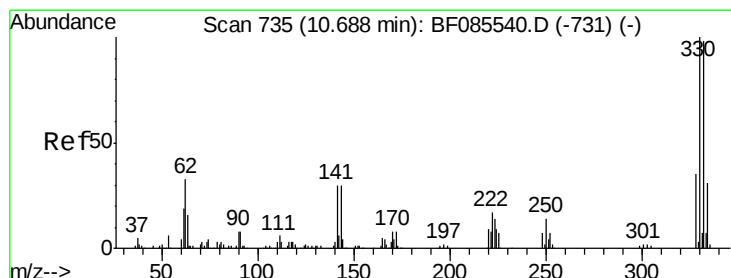
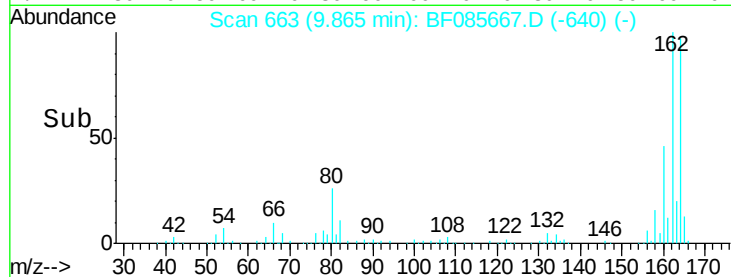
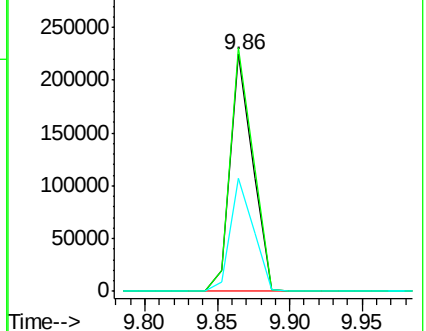
160 47.4 37.4 56.2



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: 149.58 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

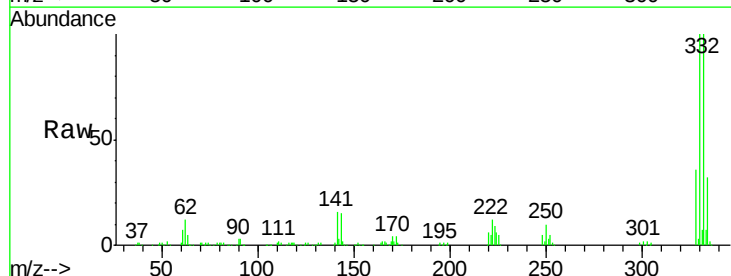
Tgt Ion:330 Resp: 355806

Ion Ratio Lower Upper

330 100

332 98.4 78.2 117.2

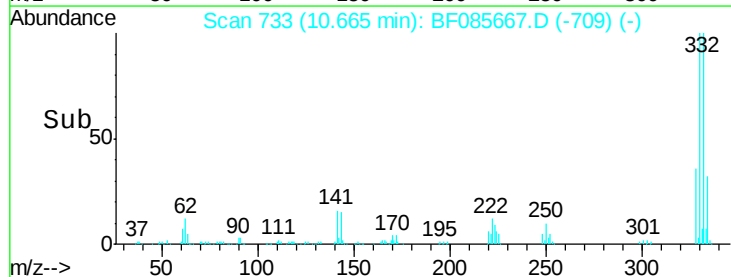
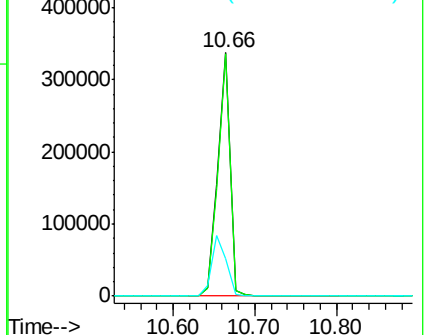
141 30.2 31.5 47.3#

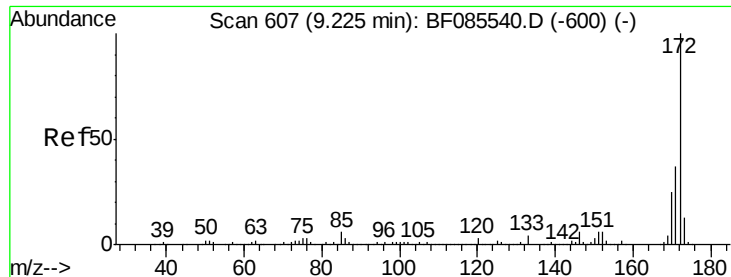


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

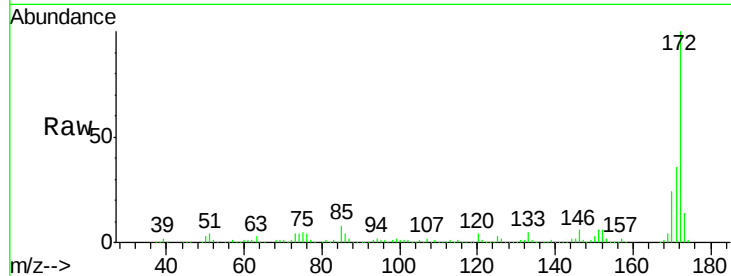




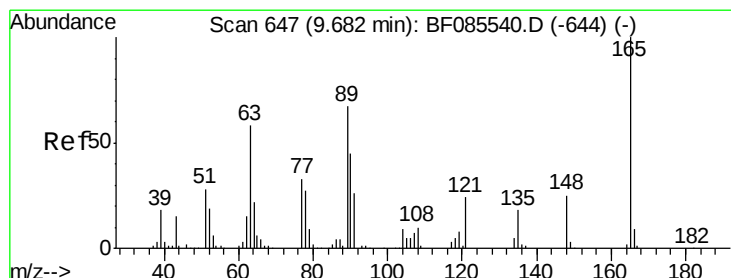
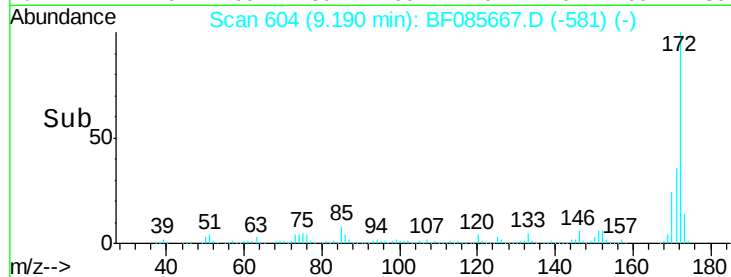
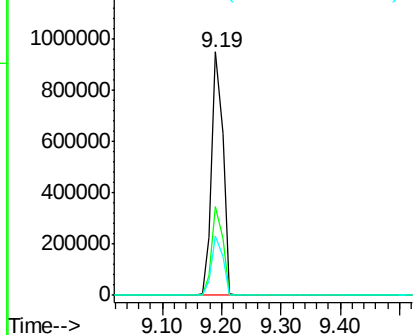
#44
 2-Fluorobiphenyl
 Concen: 89.89 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Tgt Ion:172 Resp: 1261152
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.4 19.8 29.6

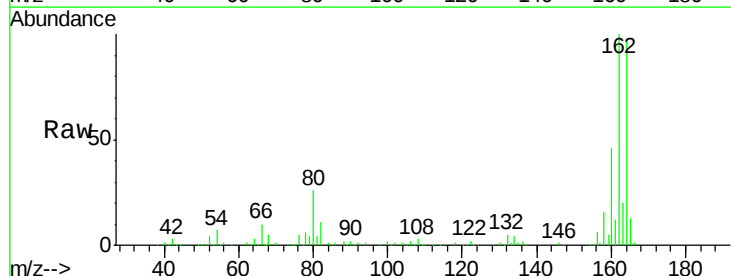


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

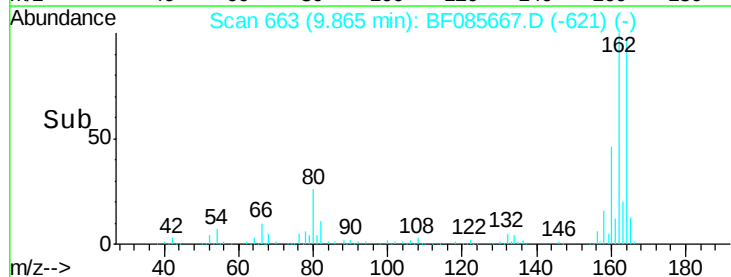
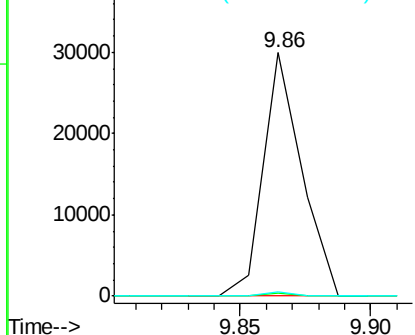


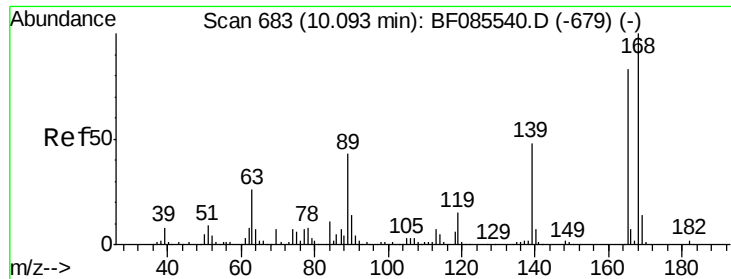
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.18 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Tgt Ion:165 Resp: 30706
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.9 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

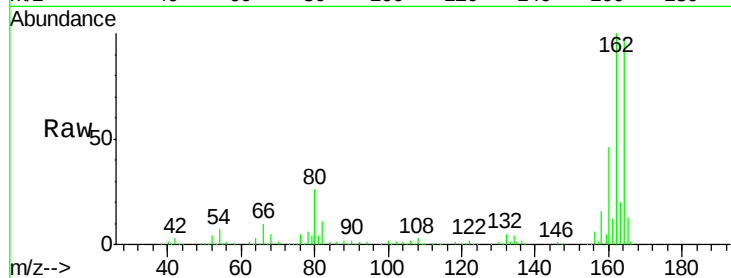




#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF085667.D
Acq: 22 Mar 2016 19:15

Instrument :
BNA_F
ClientSampleId :
PB89081BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

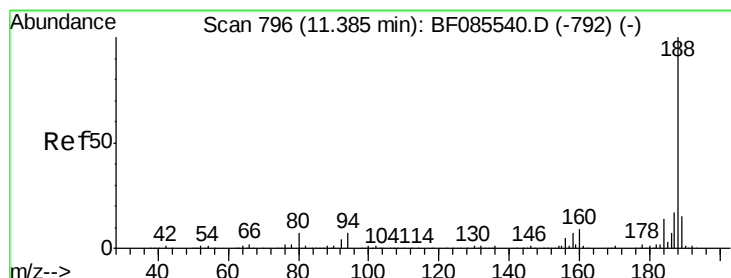
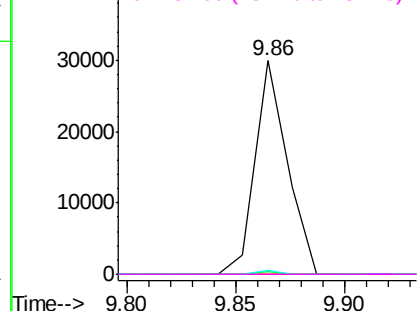
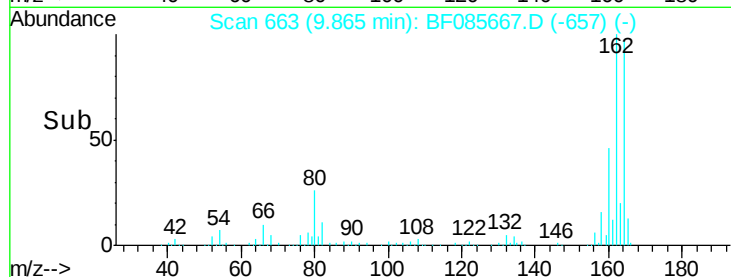


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

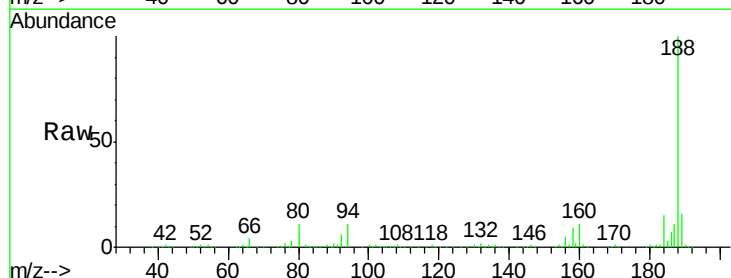
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085667.D
Acq: 22 Mar 2016 19:15

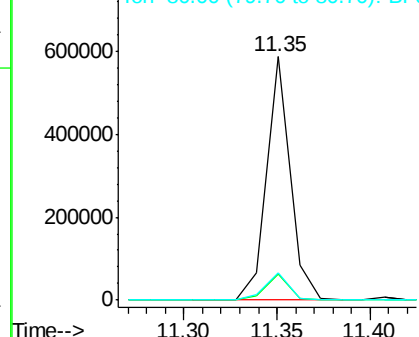
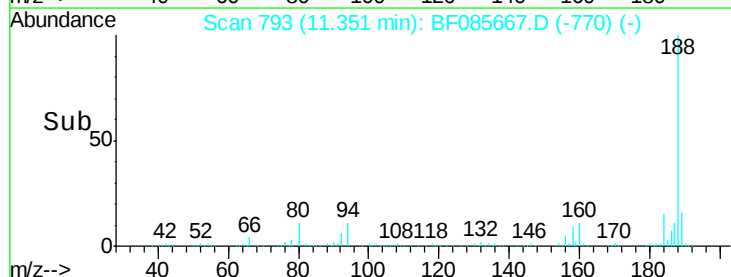
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.4	8.0#
80	11.3	5.5	8.3#

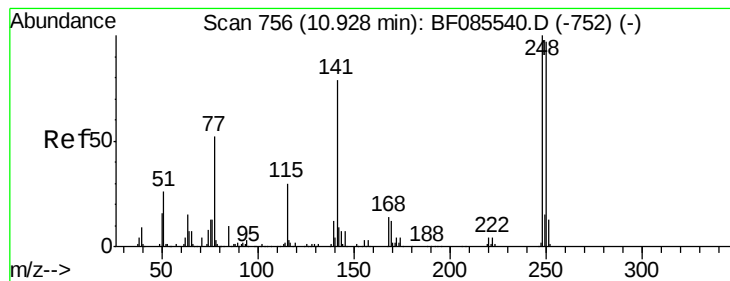


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.28 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.26 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

Instrument :

BNA_F

ClientSampled :

PB89081BL

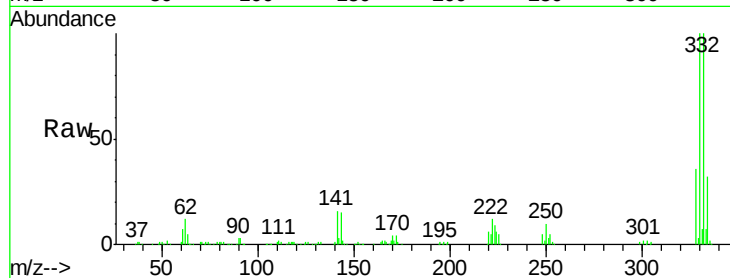
Tgt Ion:248 Resp: 21856

Ion Ratio Lower Upper

248 100

250 205.9 77.4 116.0#

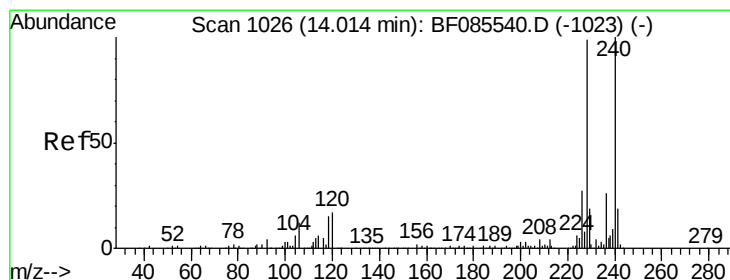
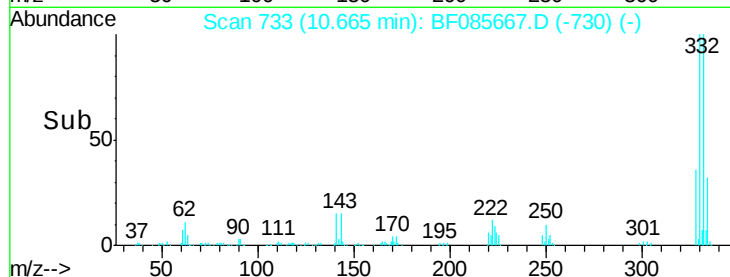
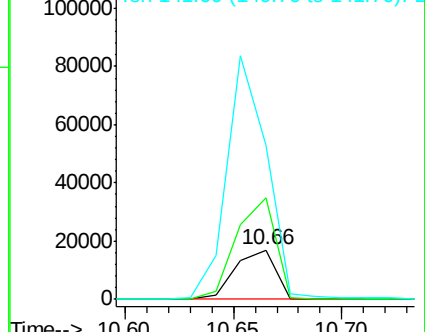
141 312.6 63.6 95.4#



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. -0.03 min

Lab File: BF085667.D

Acq: 22 Mar 2016 19:15

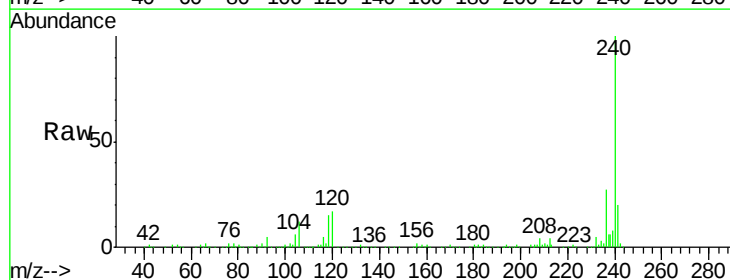
Tgt Ion:240 Resp: 422541

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

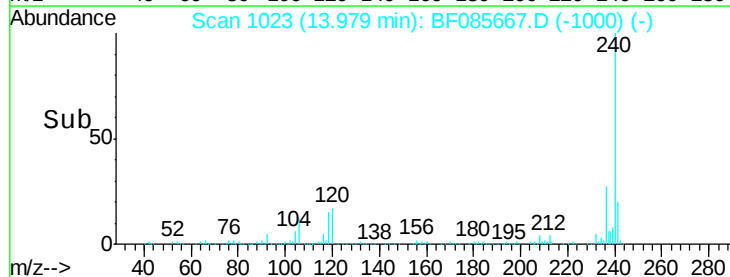
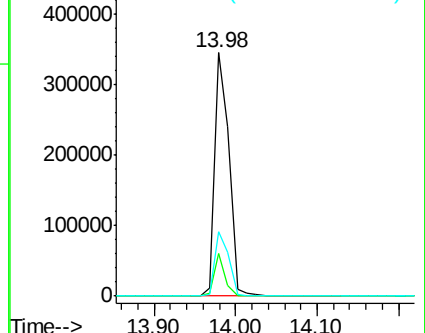
236 26.6 20.6 30.8

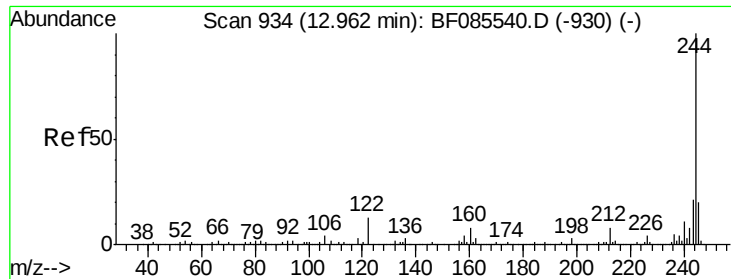


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

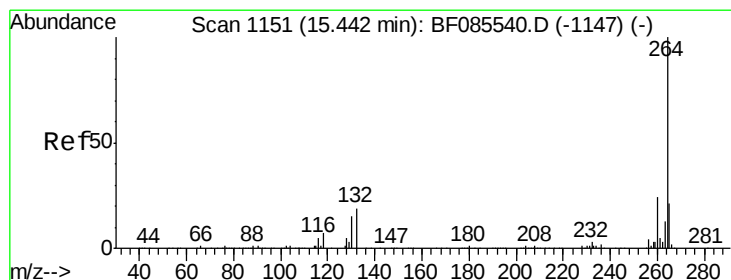
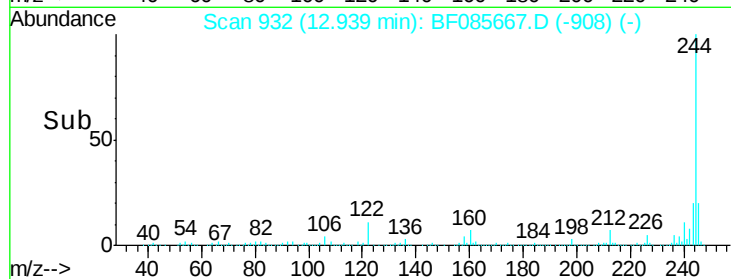
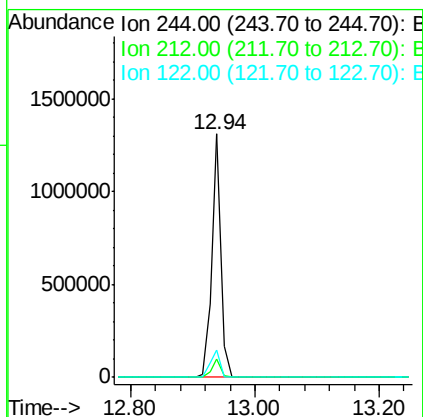
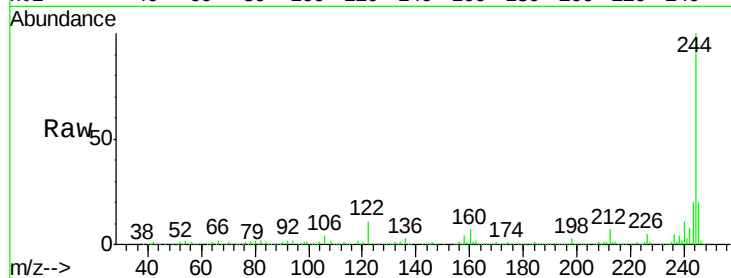




#78
 Terphenyl-d14
 Concen: 74.51 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89081BL

Tgt Ion:244 Resp: 1308351
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.3 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085667.D
 Acq: 22 Mar 2016 19:15

Tgt Ion:264 Resp: 319959
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.5 17.2 25.8

