

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085669.D
 Acq On : 22 Mar 2016 20:11
 Operator : UM/SJ
 Sample : PB89080BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89080BL

Quant Time: Mar 22 23:58:29 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

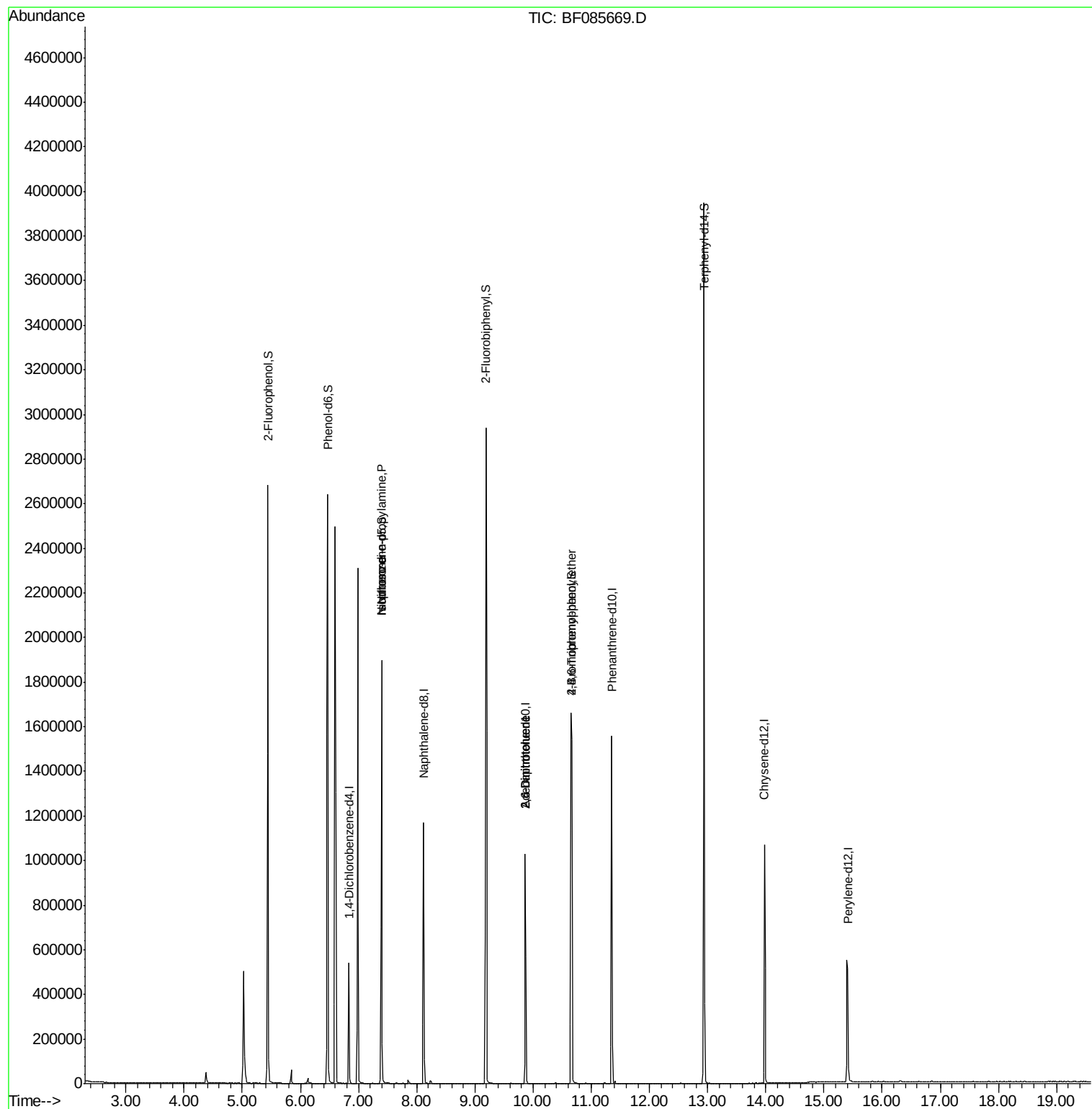
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125879	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	537570	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	246174	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	524264	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	418857	20.00	ng	-0.03
86) Perylene-d12	15.41	264	311877	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	917997	122.49	ng	-0.01
7) Phenol-d6	6.47	99	1181020	122.87	ng	-0.02
23) Nitrobenzene-d5	7.40	82	695207	75.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	363096	150.57	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1261674	88.28	ng	-0.03
78) Terphenyl-d14	12.94	244	1330338	76.43	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.47	77	1564	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	91658	15.96	ng	# 77
25) Isophorone	7.40	82	518824	27.98	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	31290	7.98	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	31292	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	21389	4.08	ng	# 1

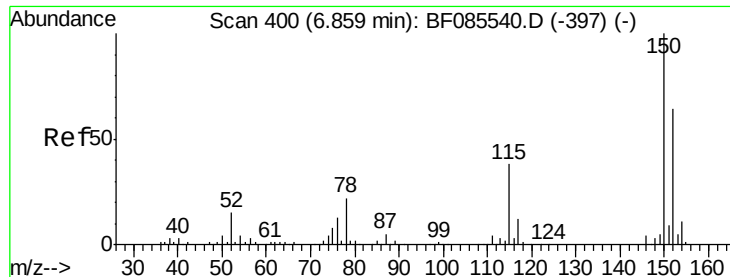
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB89080BL

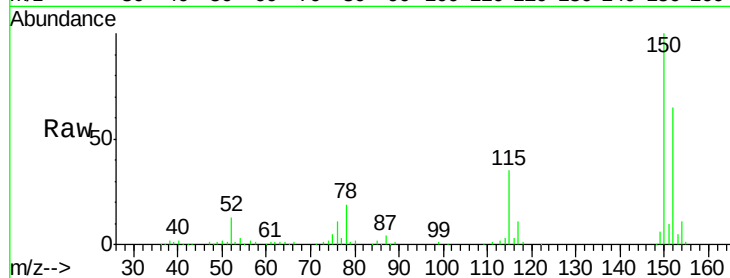
Tgt Ion:152 Resp: 125879

Ion Ratio Lower Upper

152 100

150 153.7 124.2 186.2

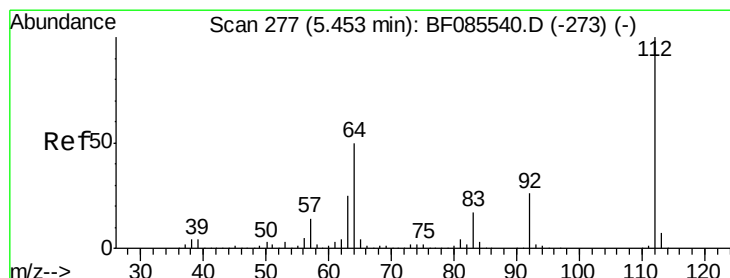
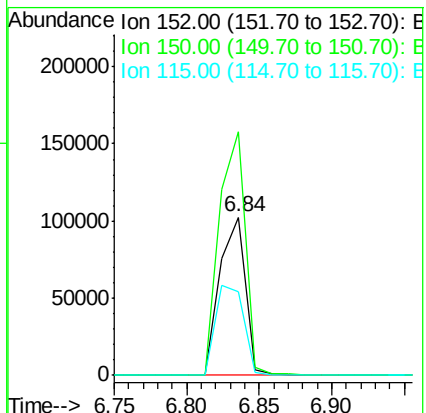
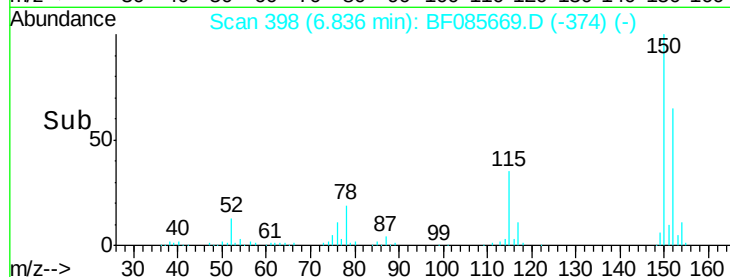
115 53.1 47.0 70.6



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: 122.49 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

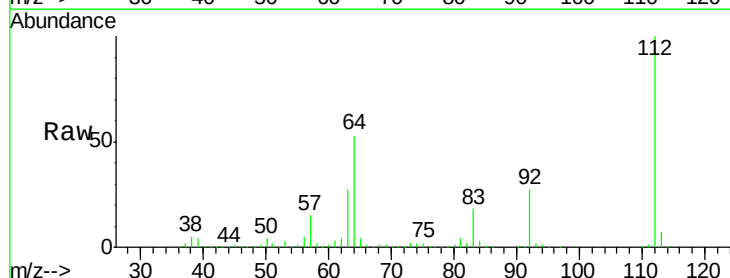
Tgt Ion:112 Resp: 917997

Ion Ratio Lower Upper

112 100

64 52.7 39.9 59.9

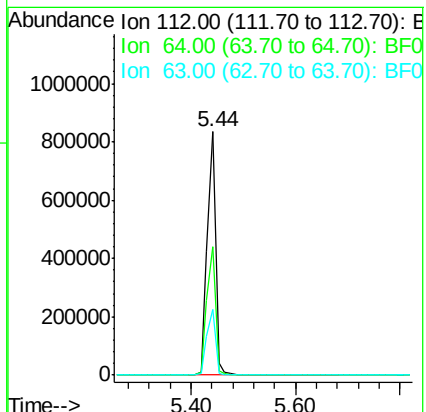
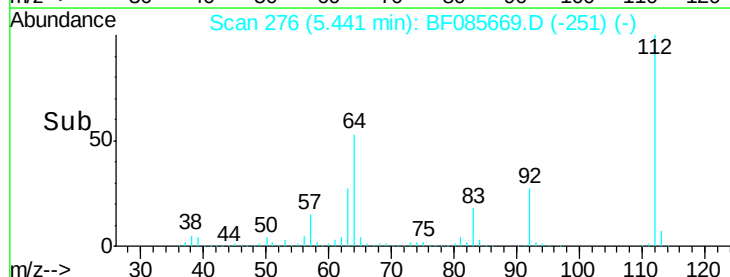
63 26.8 20.2 30.2

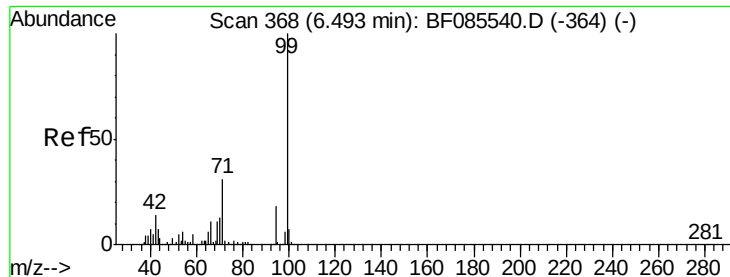


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.87 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB89080BL

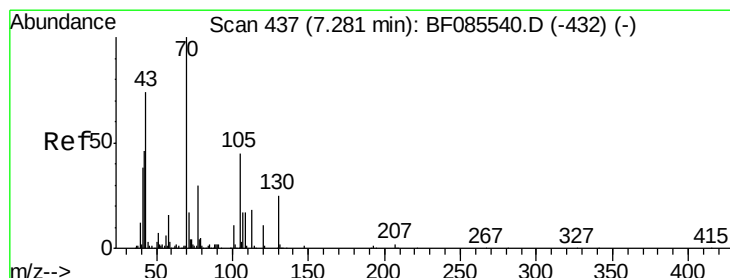
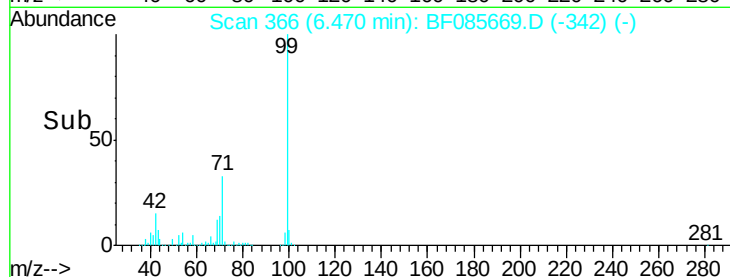
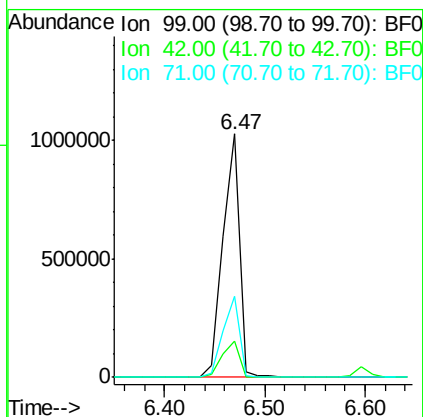
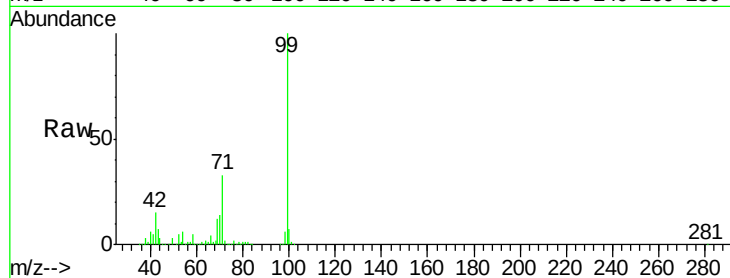
Tgt Ion: 99 Resp: 1181020

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

71 33.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.96 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Tgt Ion: 70 Resp: 91658

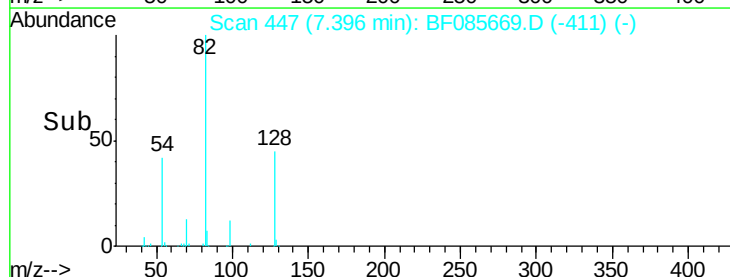
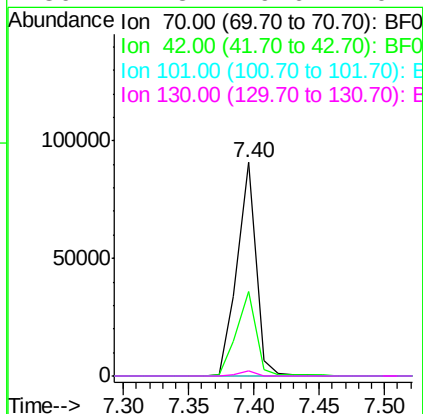
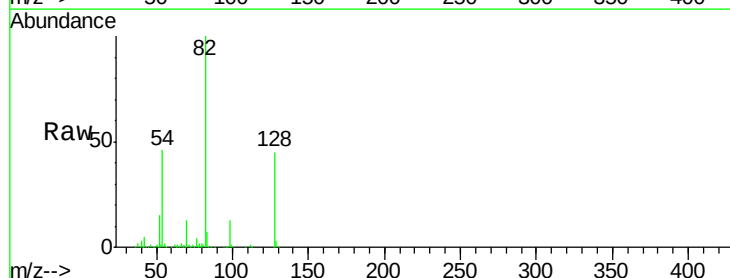
Ion Ratio Lower Upper

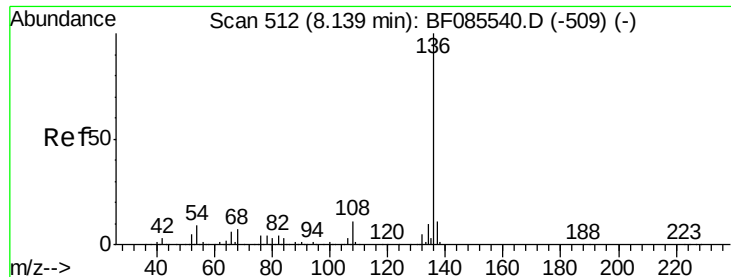
70 100

42 39.7 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

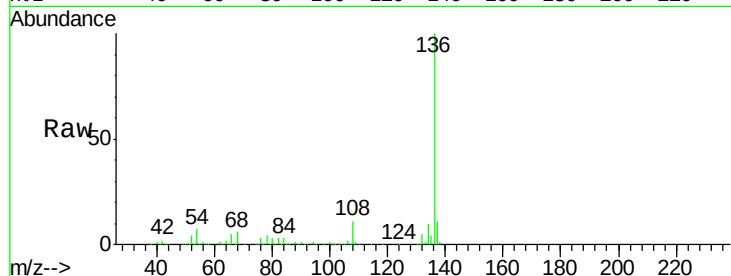




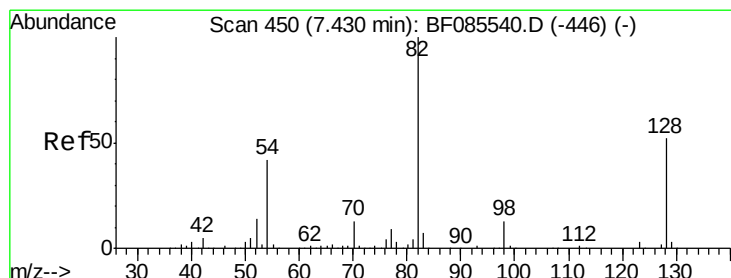
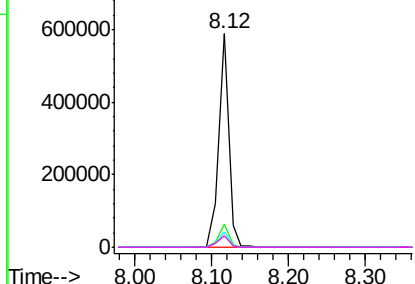
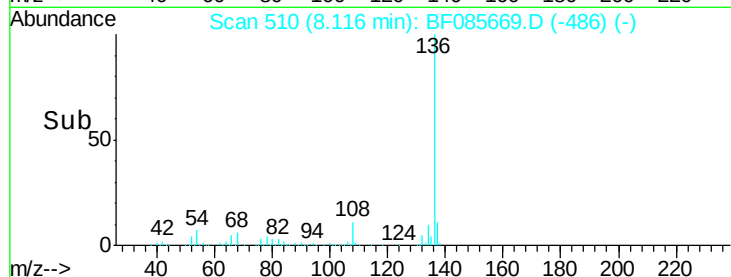
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085669.D
Acq: 22 Mar 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB89080BL

Tgt Ion:	136	Resp:	537570
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	7.4	11.0#
68	5.6	5.8	8.8#

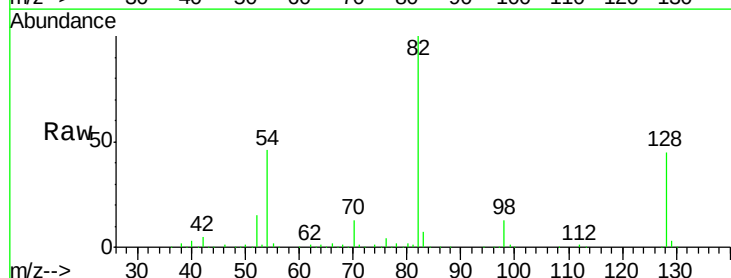


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

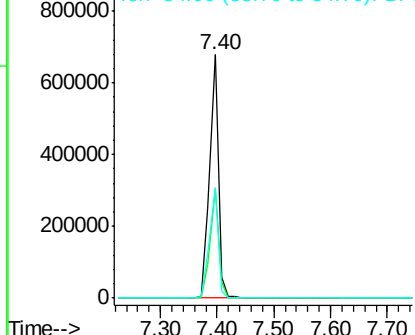
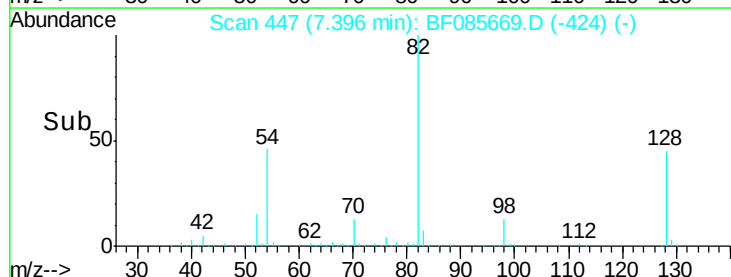


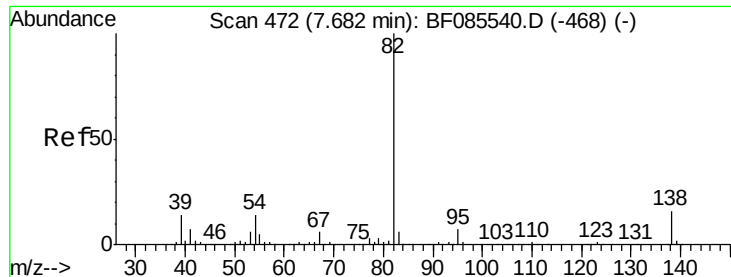
#23
Nitrobenzene-d5
Concen: 75.07 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085669.D
Acq: 22 Mar 2016 20:11

Tgt Ion:	82	Resp:	695207
Ion	Ratio	Lower	Upper
82	100		
128	44.7	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.98 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB89080BL

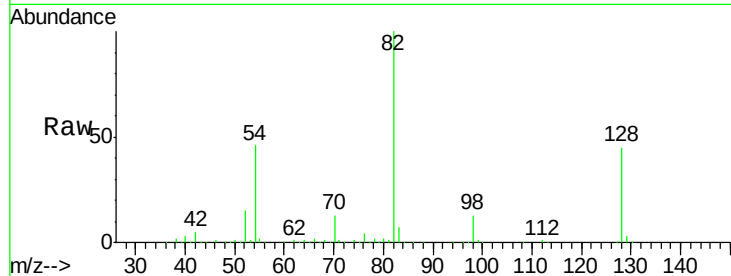
Tgt Ion: 82 Resp: 518824

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

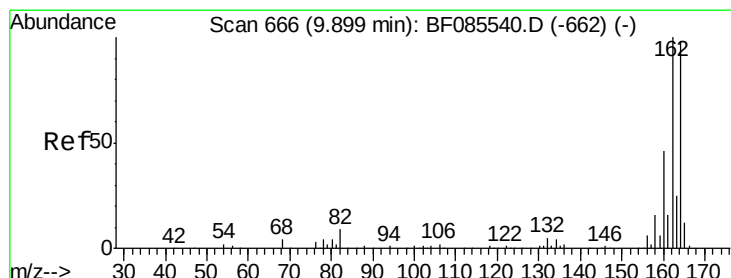
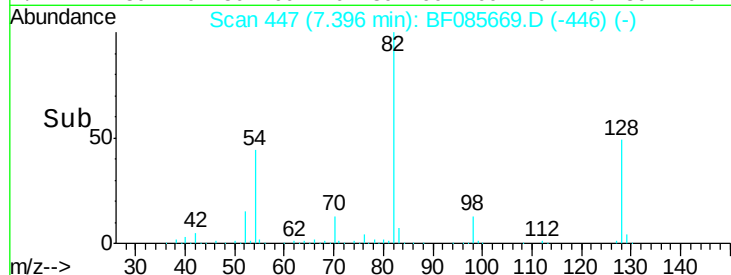
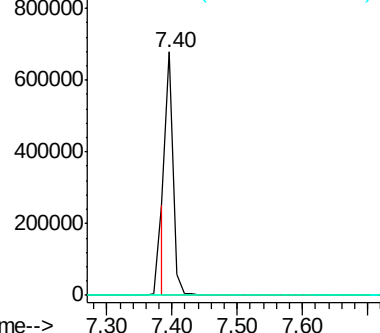
138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

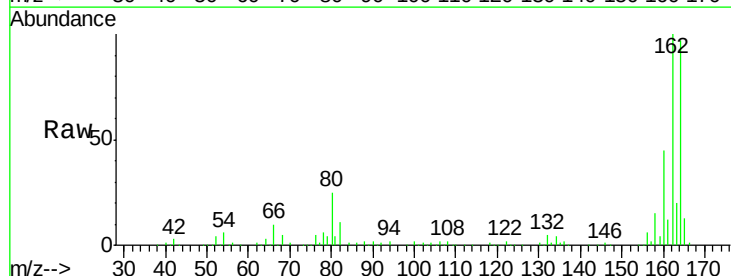
Tgt Ion: 164 Resp: 246174

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

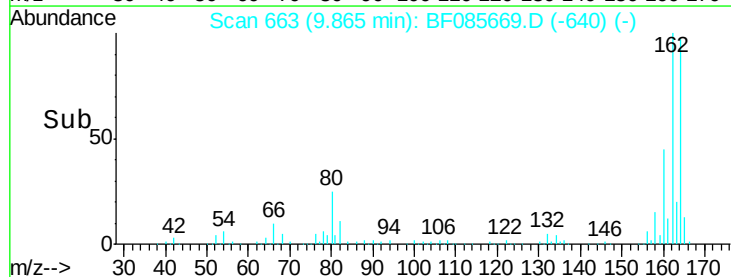
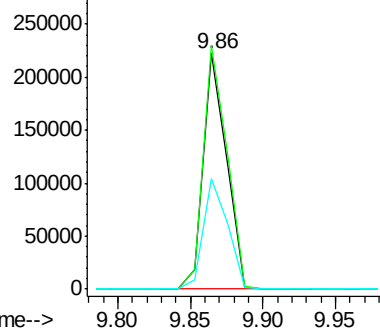
160 46.8 37.4 56.2

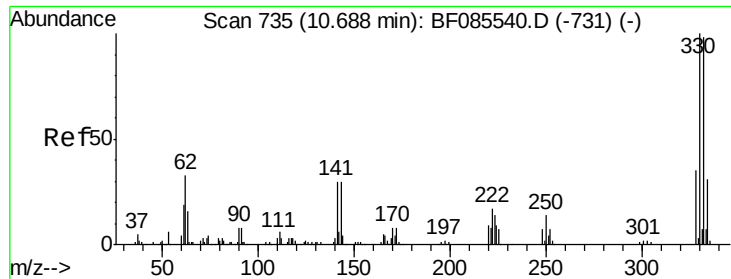


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

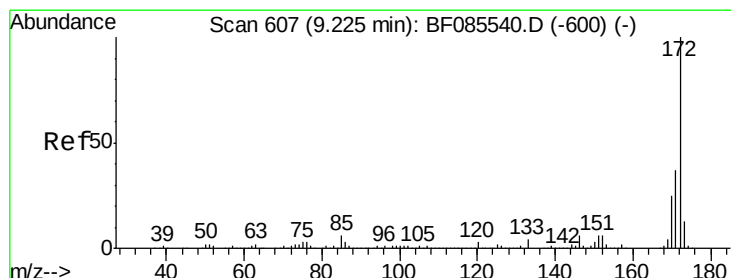
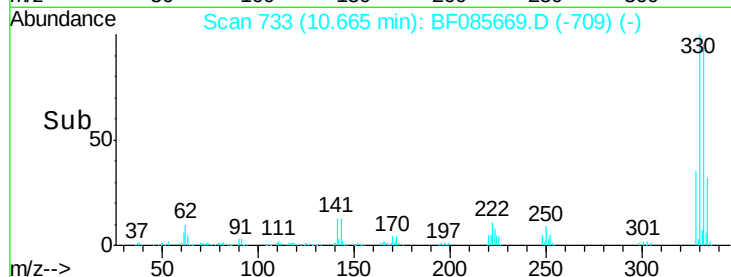
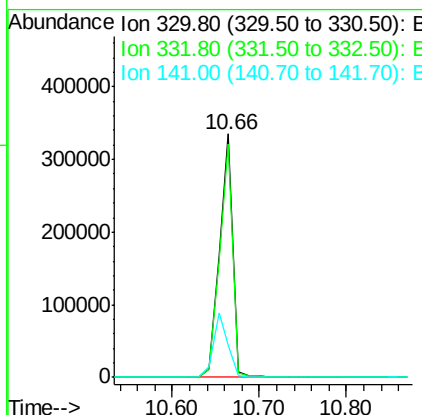
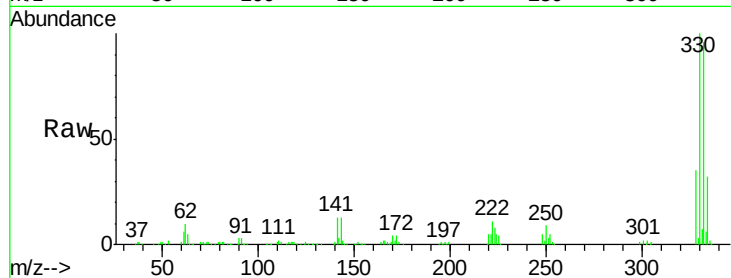




#41
 2,4,6-Tribromophenol
 Concen: 150.57 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085669.D
 Acq: 22 Mar 2016 20:11

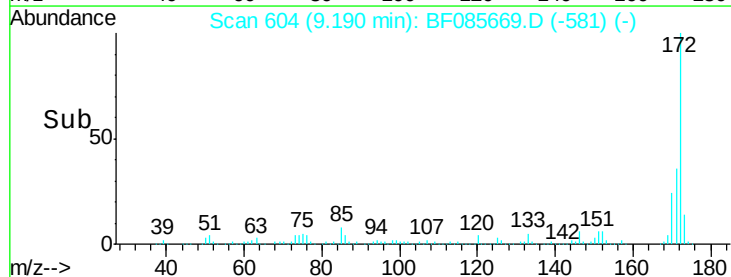
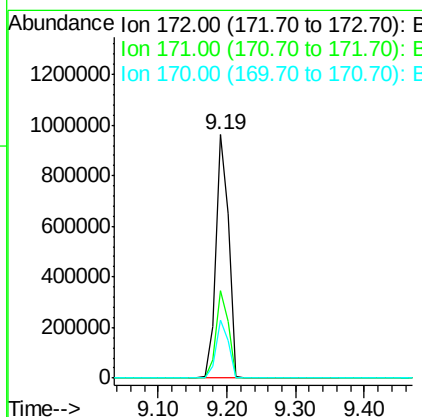
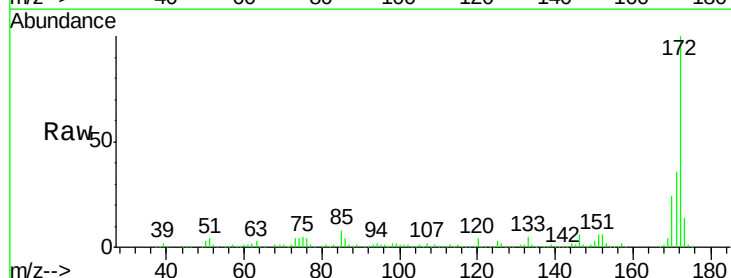
Instrument :
 BNA_F
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 PB89080BL

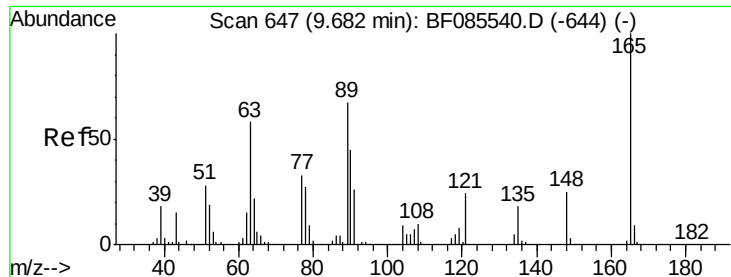
Tgt Ion:330 Resp: 363096
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 29.1 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 88.28 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085669.D
 Acq: 22 Mar 2016 20:11

Tgt Ion:172 Resp: 1261674
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 23.9 19.8 29.6





#50

2,6-Dinitrotoluene

Concen: 7.98 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.18 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB89080BL

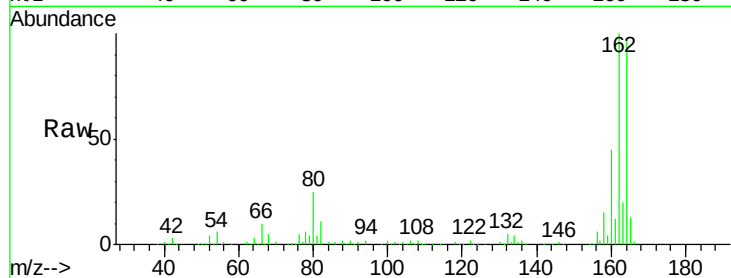
Tgt Ion:165 Resp: 31290

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.8#

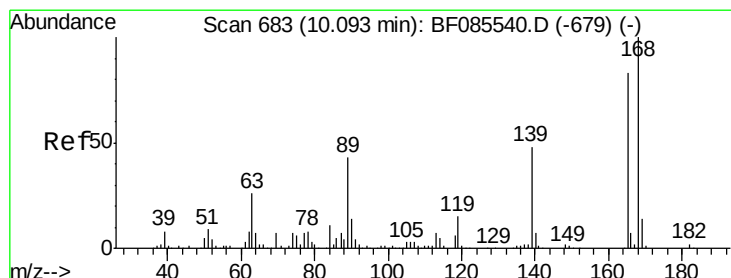
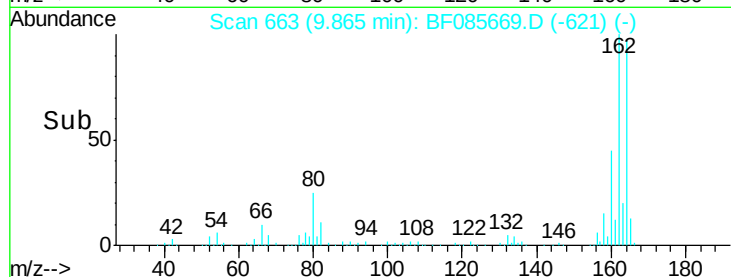
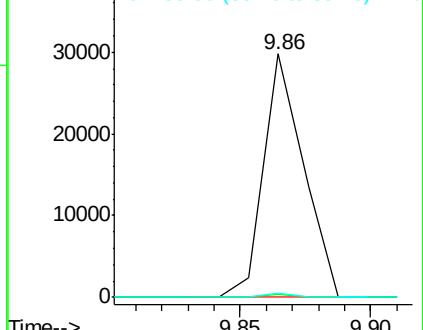
89 1.6 53.7 80.5#



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: 6.09 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

Tgt Ion:165 Resp: 31292

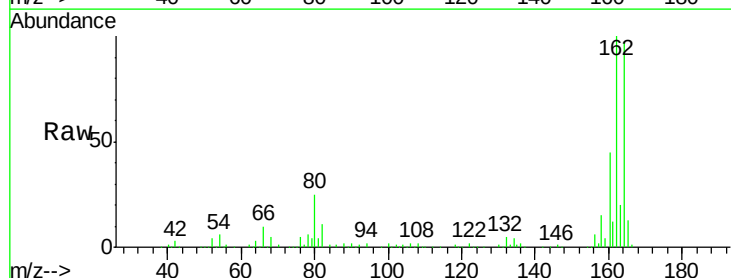
Ion Ratio Lower Upper

165 100

63 1.2 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

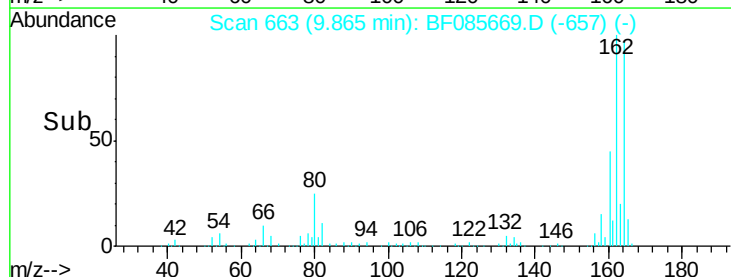
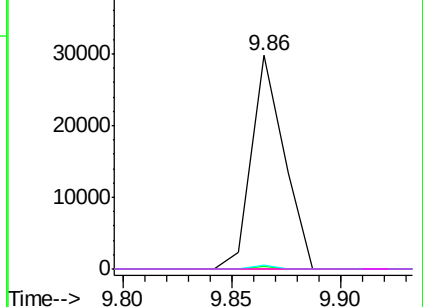


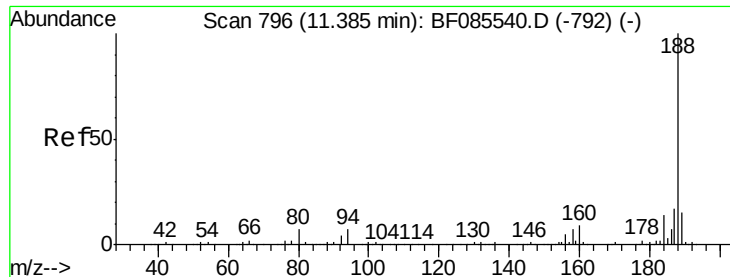
Abundance Ion 165.00 (164.70 to 165.70): E

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

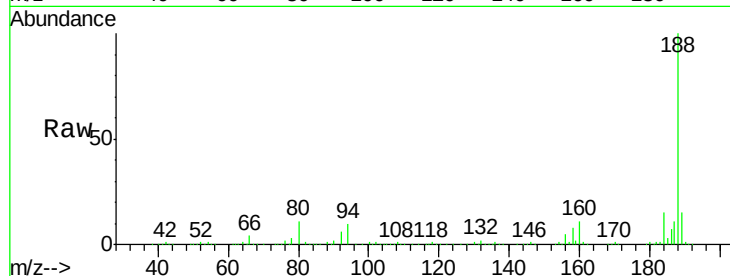




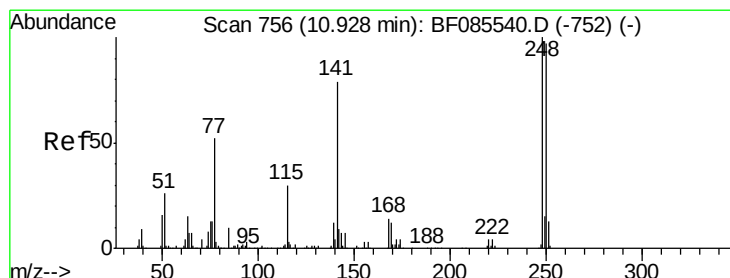
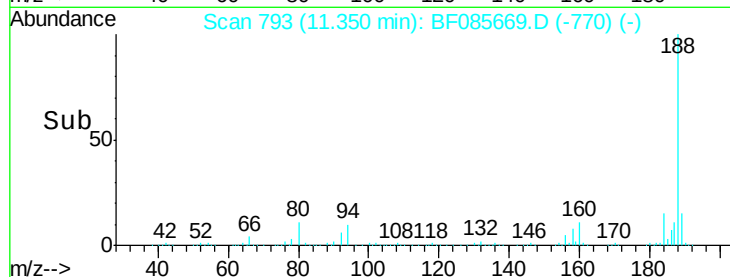
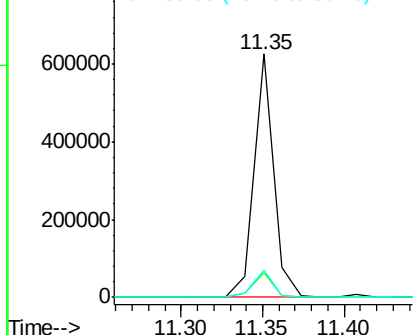
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085669.D
 Acq: 22 Mar 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89080BL

Tgt Ion:188 Resp: 524264
 Ion Ratio Lower Upper
 188 100
 94 10.3 5.4 8.0#
 80 11.1 5.5 8.3#

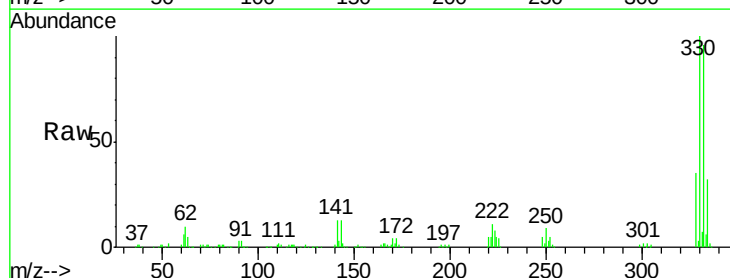


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

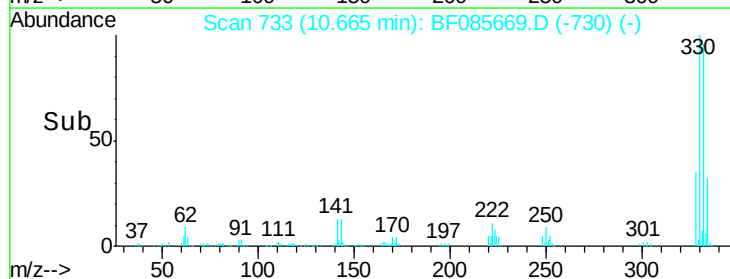
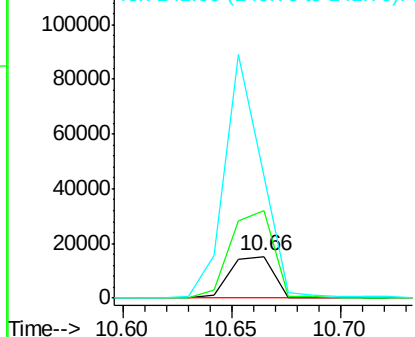


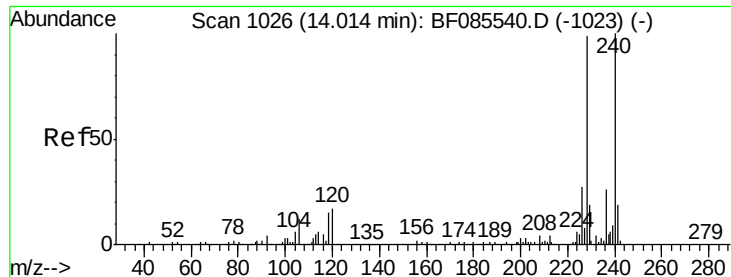
#66
 4-Bromophenyl-phenylether
 Concen: 4.08 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085669.D
 Acq: 22 Mar 2016 20:11

Tgt Ion:248 Resp: 21389
 Ion Ratio Lower Upper
 248 100
 250 207.0 77.4 116.0#
 141 291.6 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: BF085669.D

Acq: 22 Mar 2016 20:11

Instrument :

BNA_F

ClientSampleId :

PB89080BL

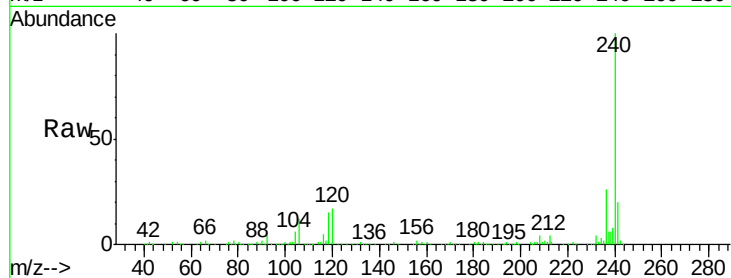
Tgt Ion:240 Resp: 418857

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

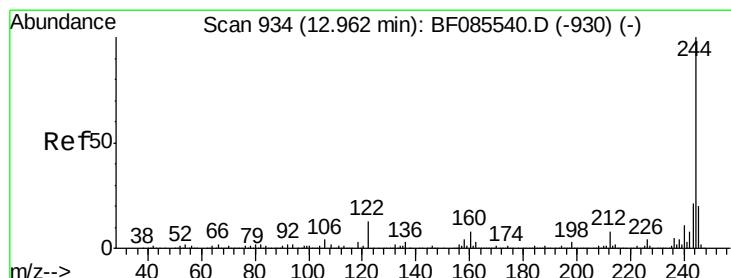
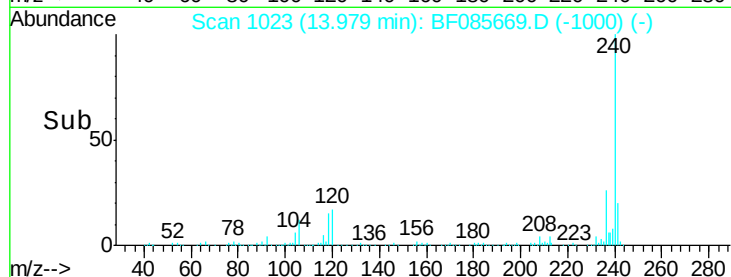
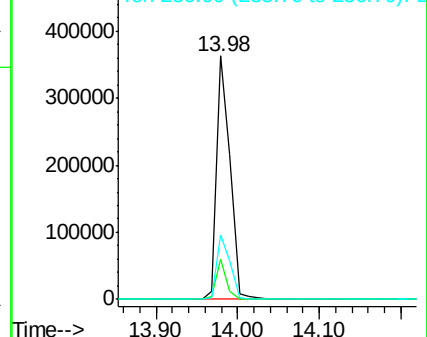
236 26.5 20.6 30.8



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: 76.43 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085669.D

Acq: 22 Mar 2016 20:11

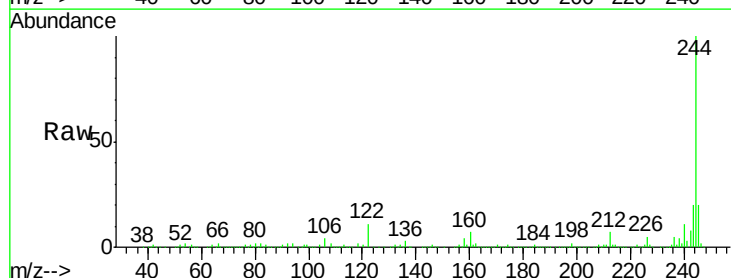
Tgt Ion:244 Resp: 1330338

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

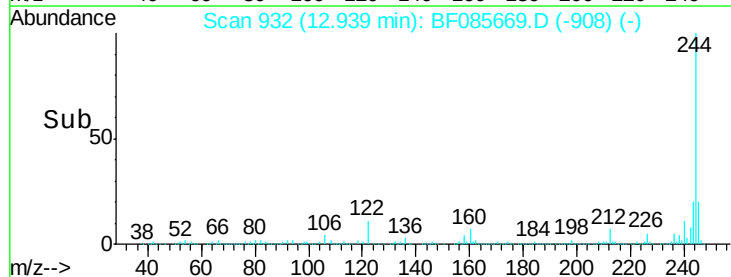
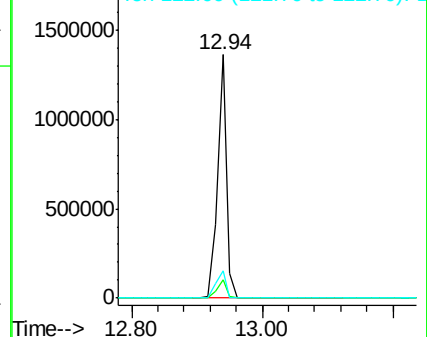
122 11.0 10.2 15.4

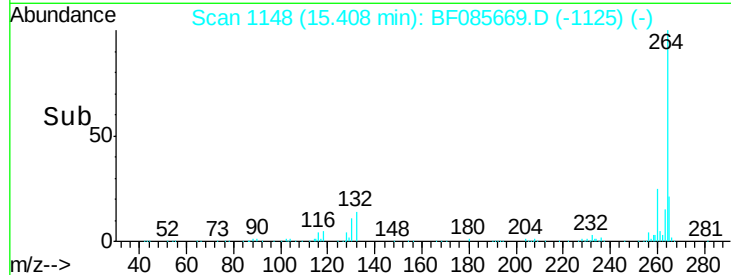
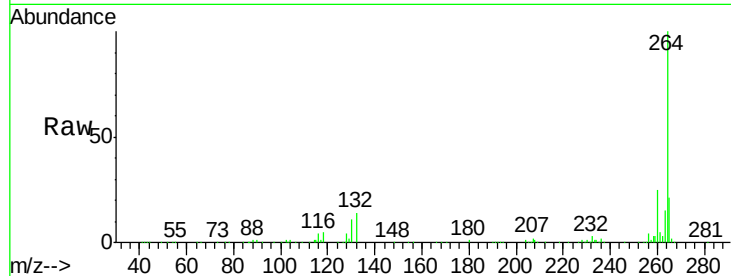
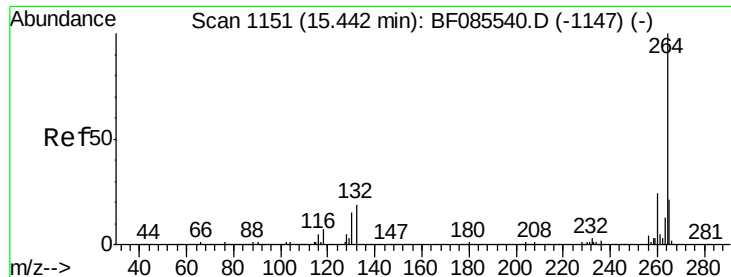


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF085669.D
Acq: 22 Mar 2016 20:11

Instrument :
BNA_F
ClientSampleId :
PB89080BL

Tgt Ion:	264	Resp:	311877
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.7	17.2	25.8

