

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084647.D
 Acq On : 29 Jan 2016 20:51
 Operator : SJ/IZ
 Sample : PB88084BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BL

Quant Time: Jan 29 23:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

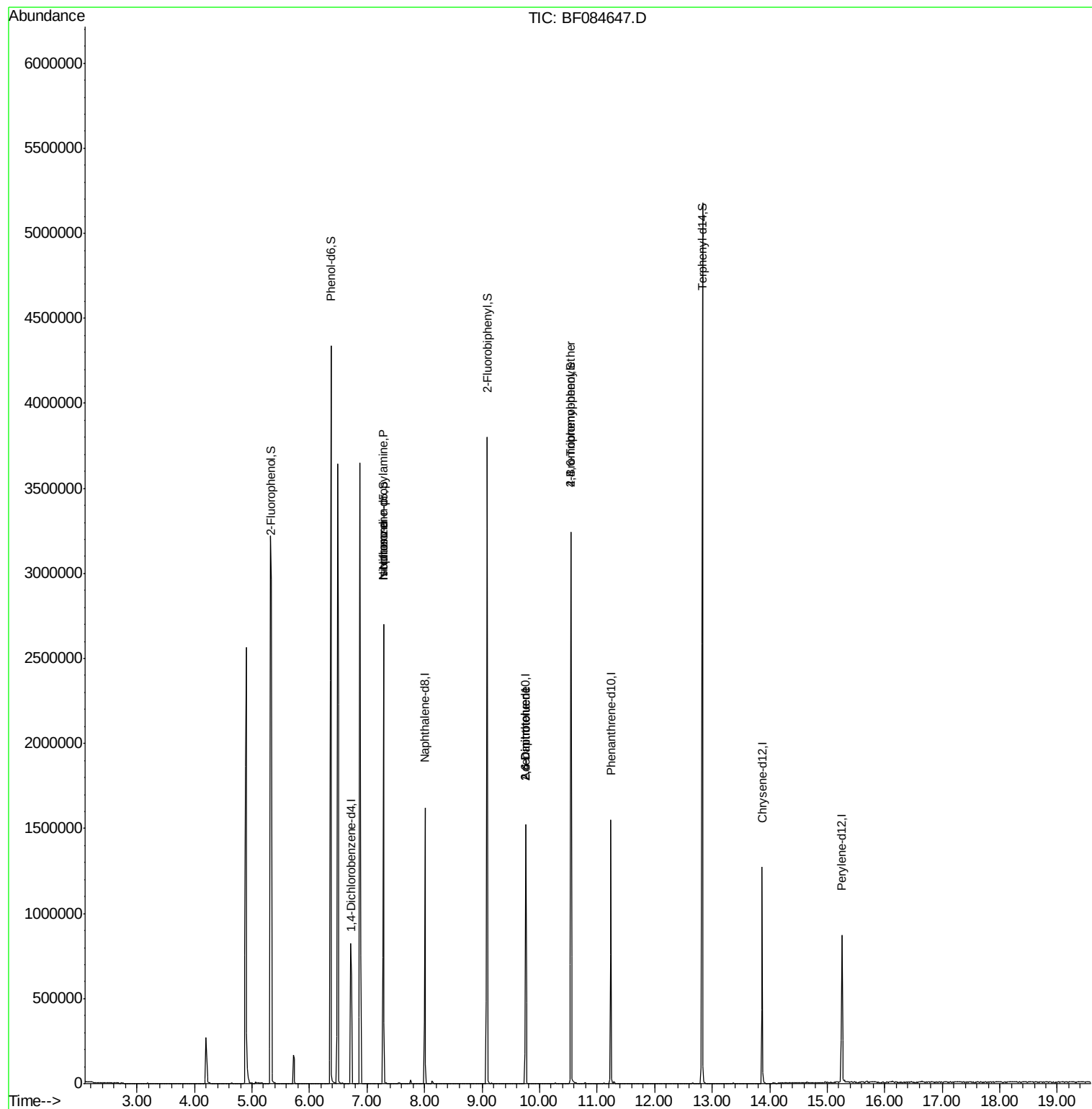
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163215	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	710139	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	315354	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	656934	20.00	ng	0.00
75) Chrysene-d12	13.87	240	469755	20.00	ng	0.00
86) Perylene-d12	15.25	264	373454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1267870	117.26	ng	0.02
7) Phenol-d6	6.37	99	1629543	125.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	877789	69.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	400294	121.11	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1766073	83.24	ng	0.00
78) Terphenyl-d14	12.83	244	1781119	85.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	119034	15.04	ng	# 70
25) Isophorone	7.29	82	705287	29.63	ng	# 66
50) 2,6-Dinitrotoluene	9.76	165	41060	7.88	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	41060	6.07	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	24055	3.25	ng	# 1

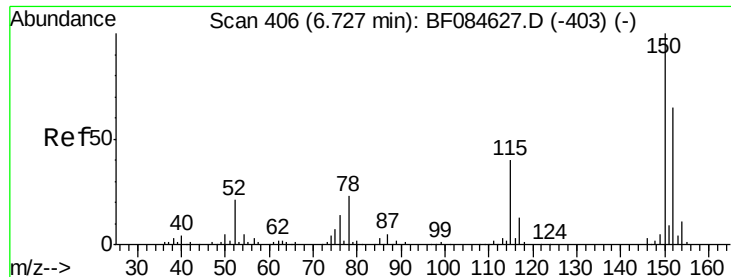
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

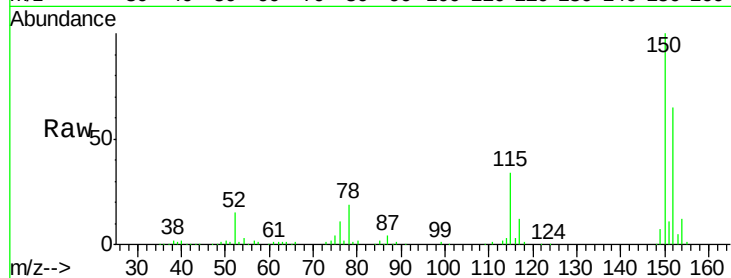
Tgt Ion:152 Resp: 163215

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

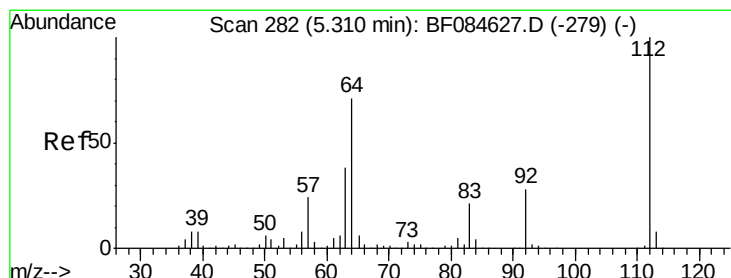
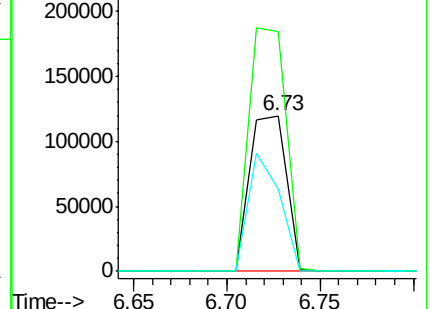
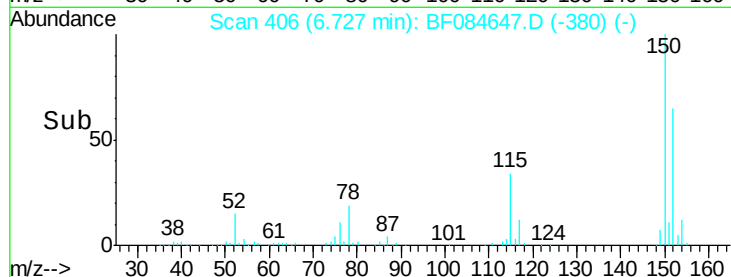
115 52.8 51.4 77.2



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: 117.26 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

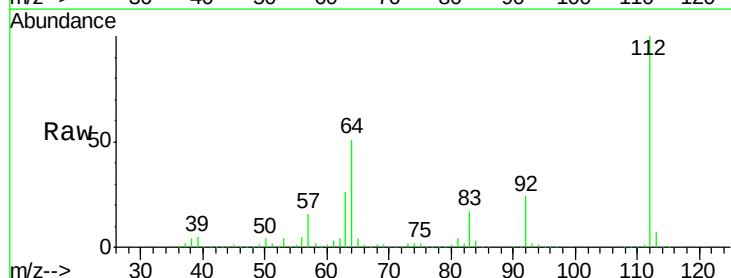
Tgt Ion:112 Resp: 1267870

Ion Ratio Lower Upper

112 100

64 50.7 36.6 55.0

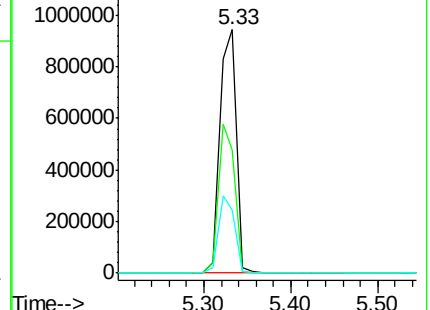
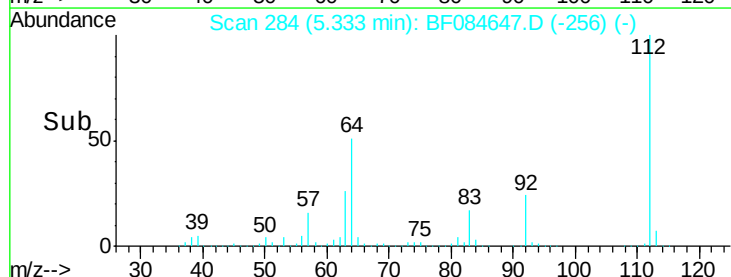
63 26.1 19.4 29.0

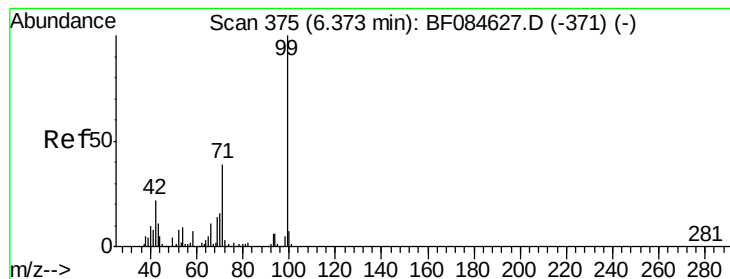


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.74 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

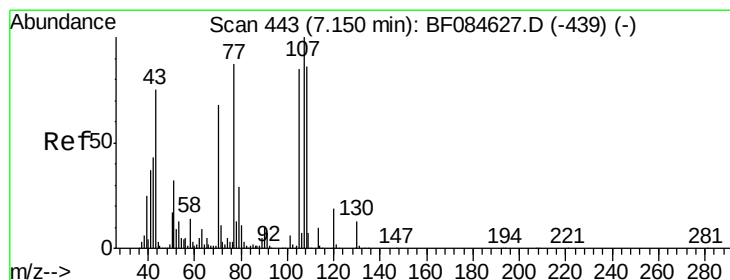
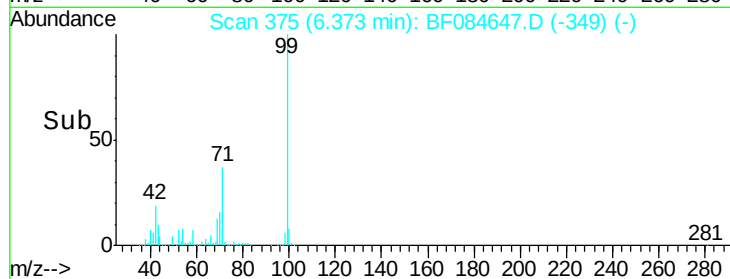
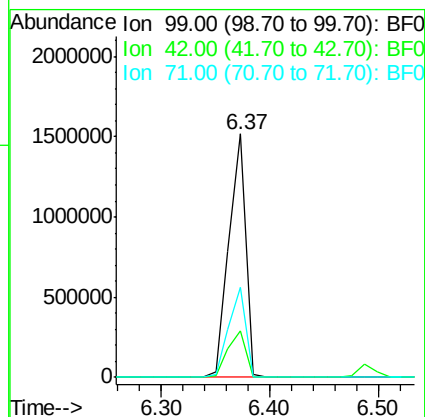
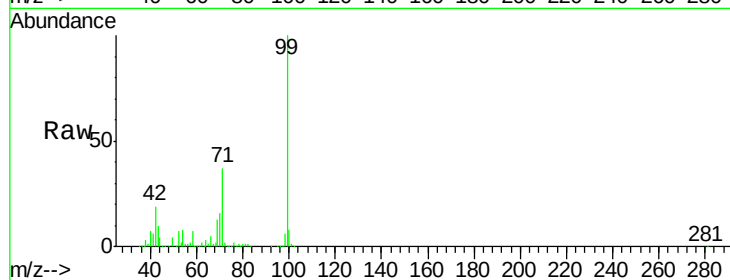
Tgt Ion: 99 Resp: 1629543

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 36.8 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Tgt Ion: 70 Resp: 119034

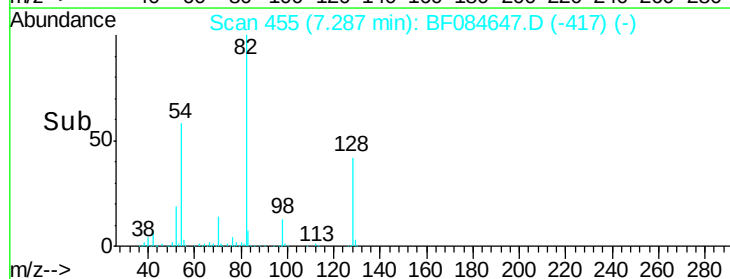
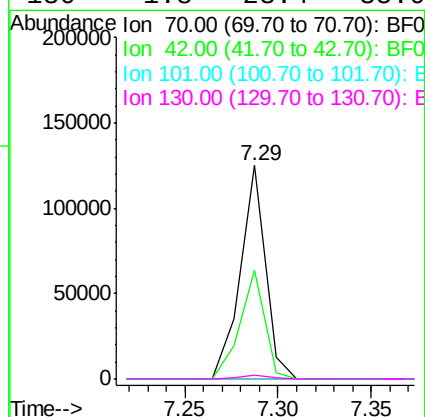
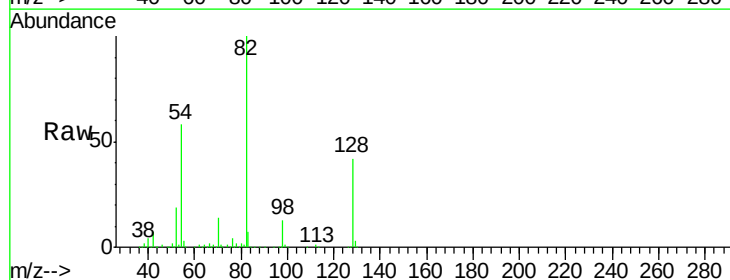
Ion Ratio Lower Upper

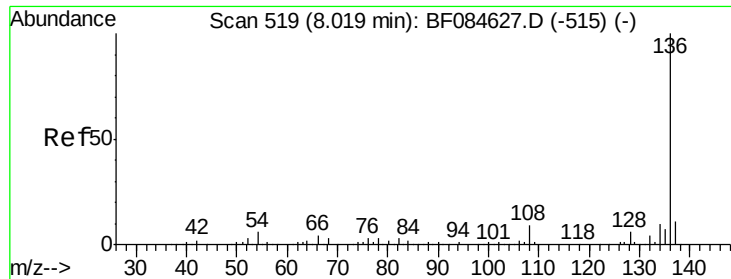
70 100

42 50.9 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

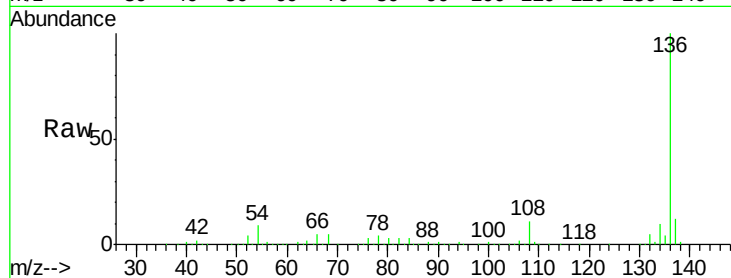




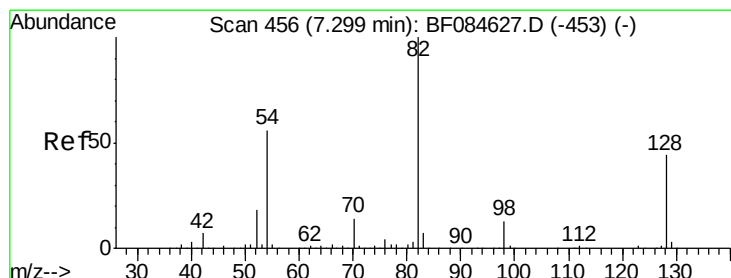
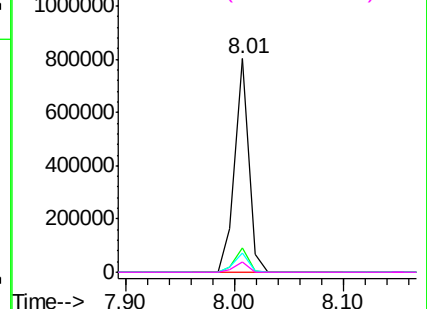
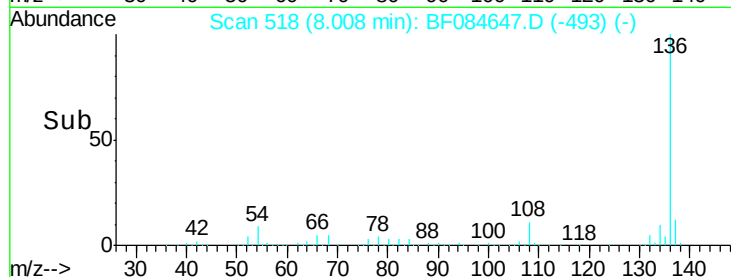
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Instrument :
BNA_F
ClientSampleId :
PB88084BL

Tgt Ion:	136	Resp:	710139
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.7	5.8	8.8
68	4.7	4.2	6.2

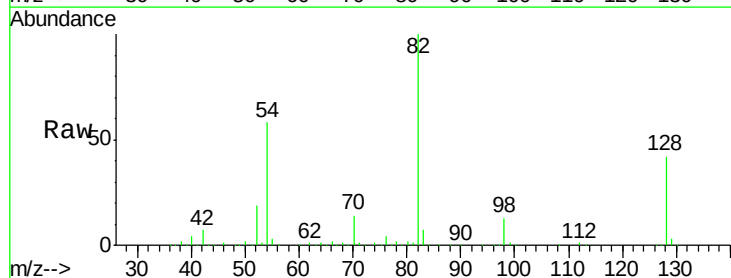


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

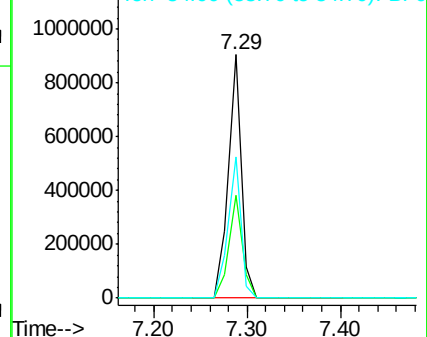
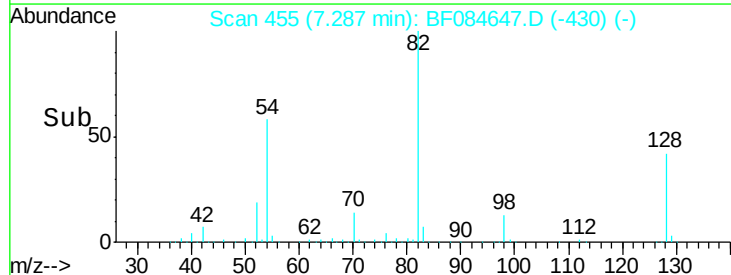


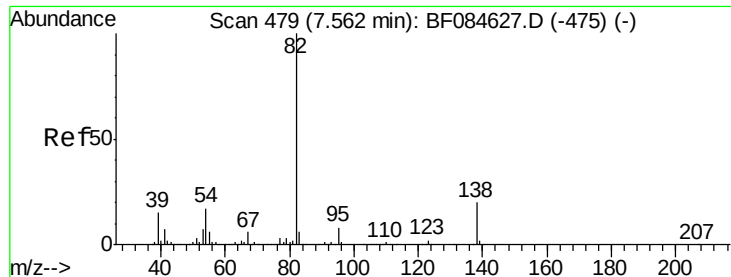
#23
Nitrobenzene-d5
Concen: 69.08 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Tgt Ion:	82	Resp:	877789
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	58.0	38.4	57.6#



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





#25

Isophorone

Concen: 29.63 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

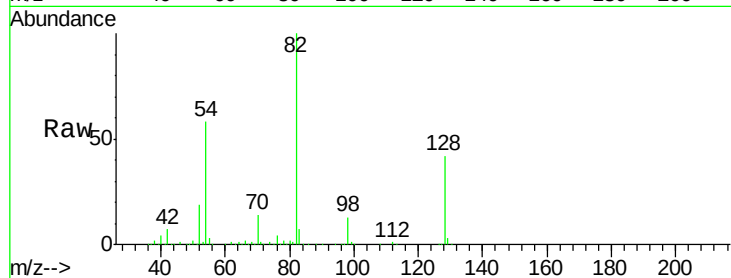
Tgt Ion: 82 Resp: 705287

Ion Ratio Lower Upper

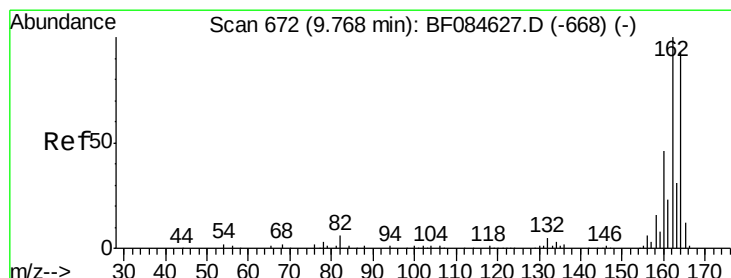
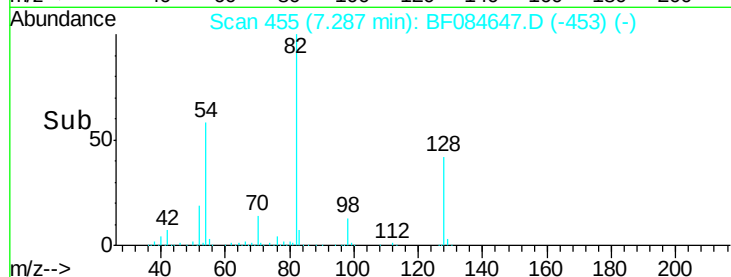
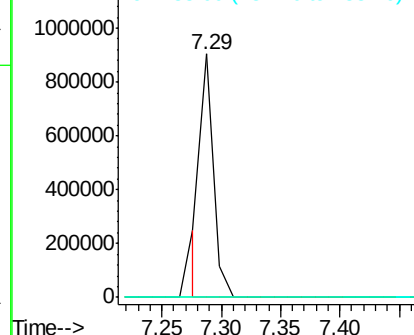
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

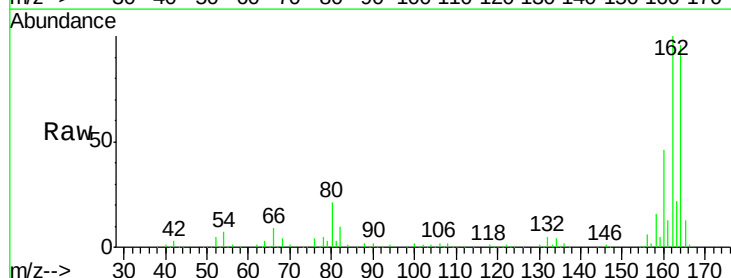
Tgt Ion: 164 Resp: 315354

Ion Ratio Lower Upper

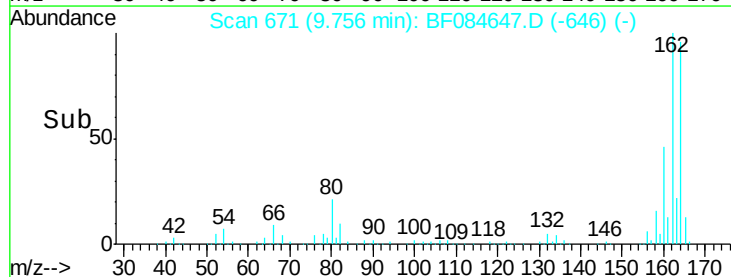
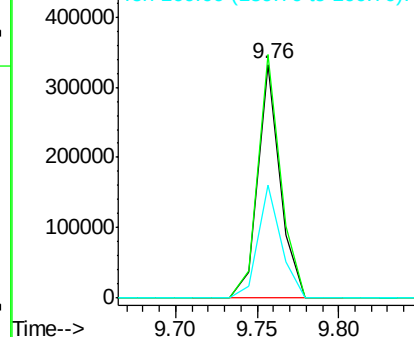
164 100

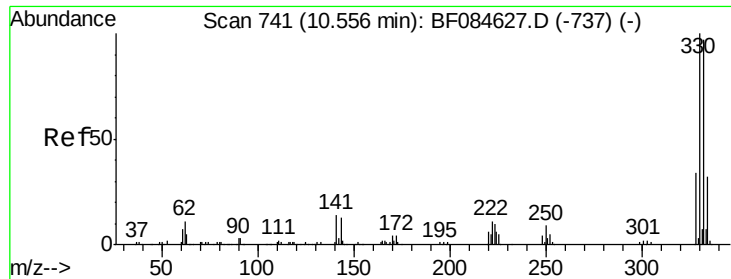
162 104.3 85.1 127.7

160 48.4 37.5 56.3



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

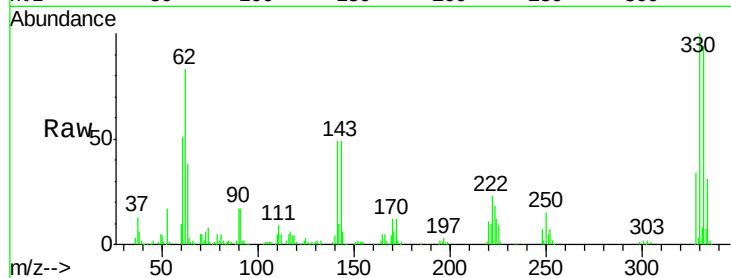




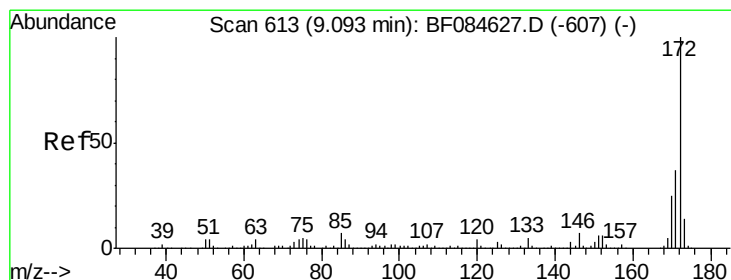
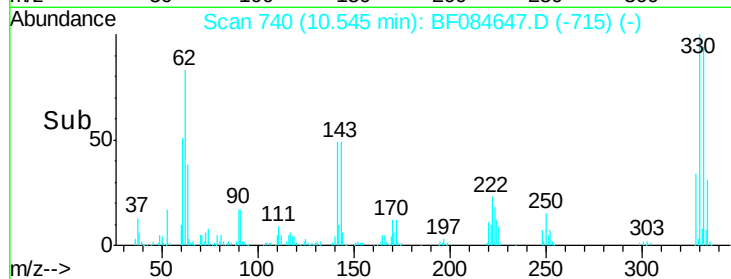
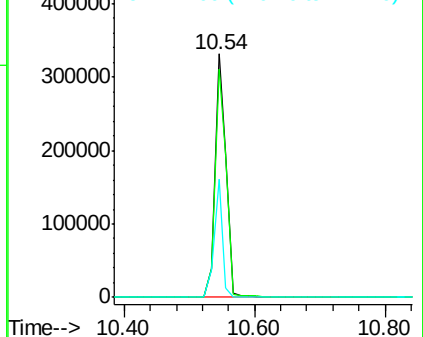
#41
 2,4,6-Tribromophenol
 Concen: 121.11 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Instrument :
 BNA_F
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 PB88084BL

Tgt Ion:330 Resp: 400294
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 37.0 27.8 41.6

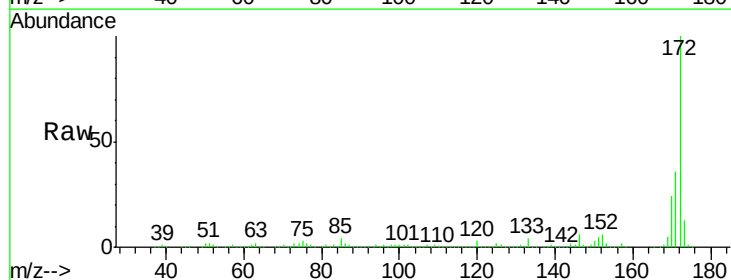


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

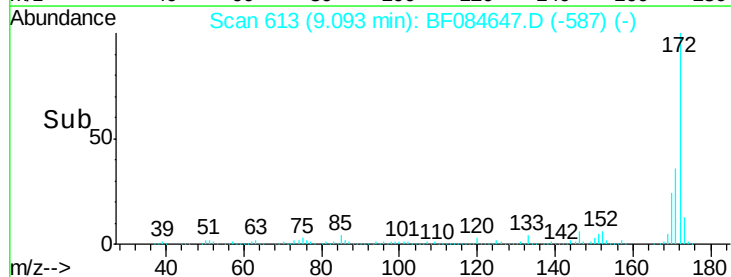
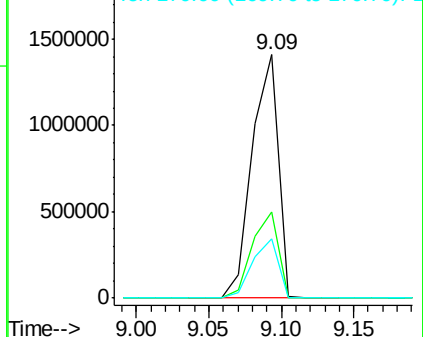


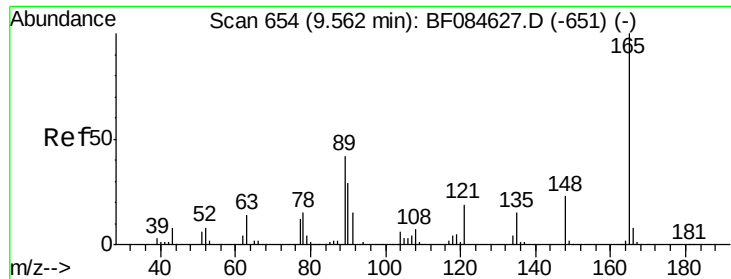
#44
 2-Fluorobiphenyl
 Concen: 83.24 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Tgt Ion:172 Resp: 1766073
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.4 18.6 27.8



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: 7.88 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.19 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

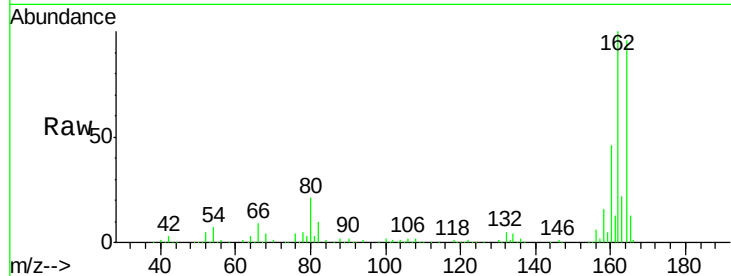
Tgt Ion:165 Resp: 41060

Ion Ratio Lower Upper

165 100

63 1.2 28.8 43.2#

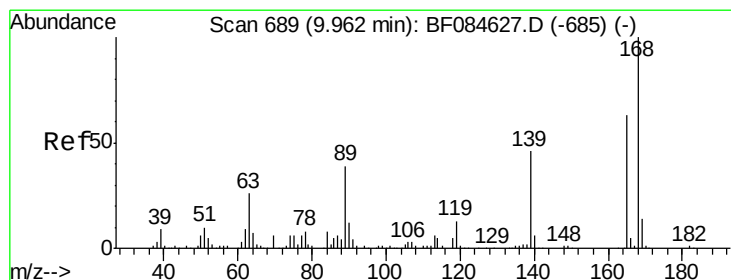
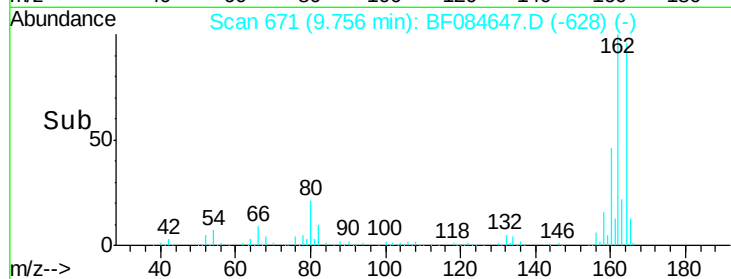
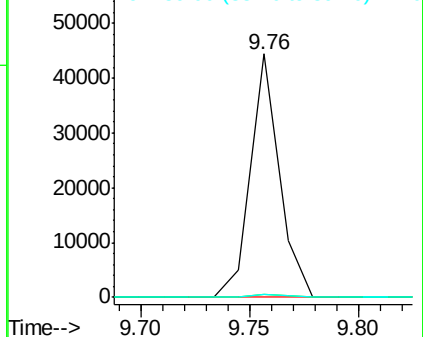
89 1.3 35.1 52.7#



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: 6.07 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Tgt Ion:165 Resp: 41060

Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.3 61.9 92.9#

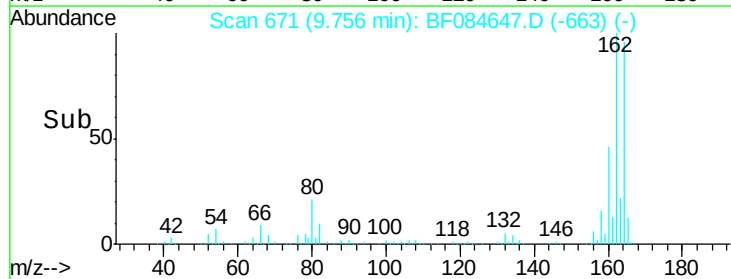
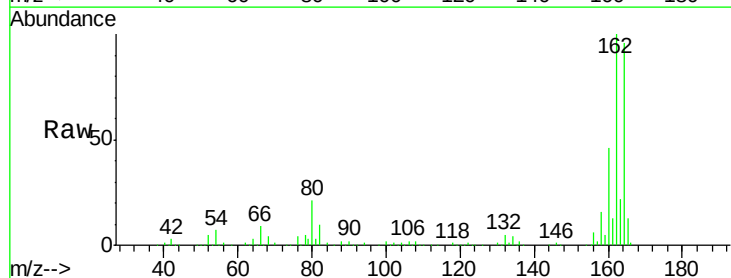
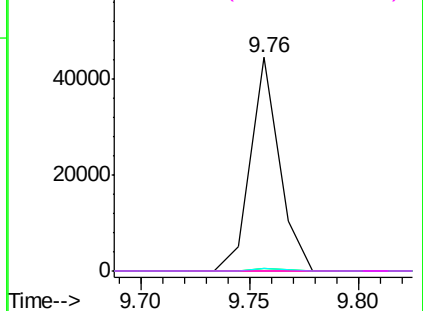
182 0.0 2.0 3.0#

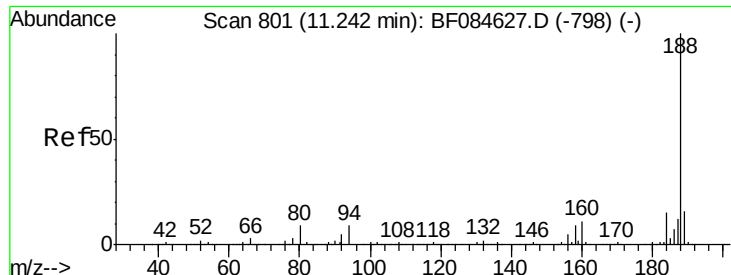
Abundance Ion 165.00 (164.70 to 165.70): E

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

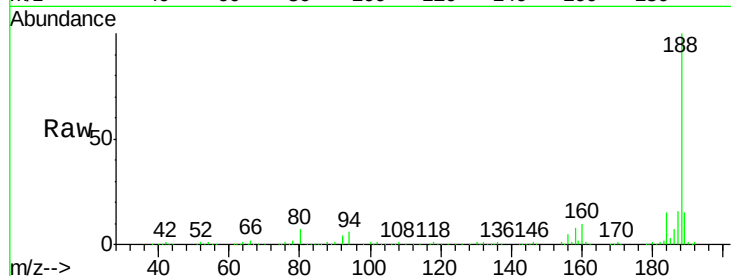




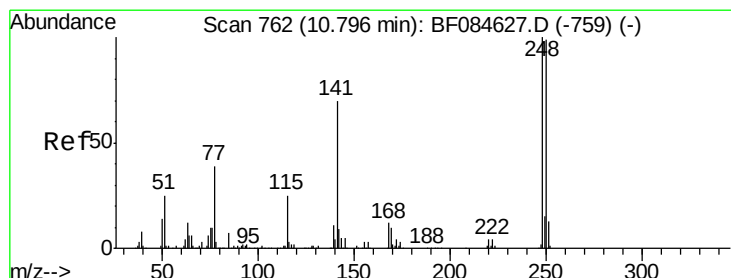
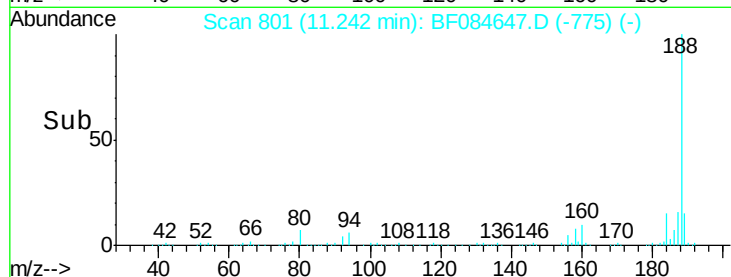
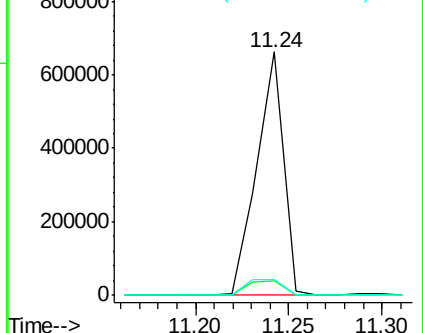
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Instrument :
BNA_F
ClientSampleId :
PB88084BL

Tgt Ion:188 Resp: 656934
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.4#
80 6.6 9.6 14.4#

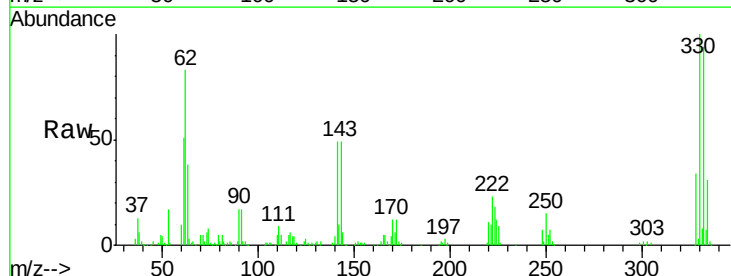


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

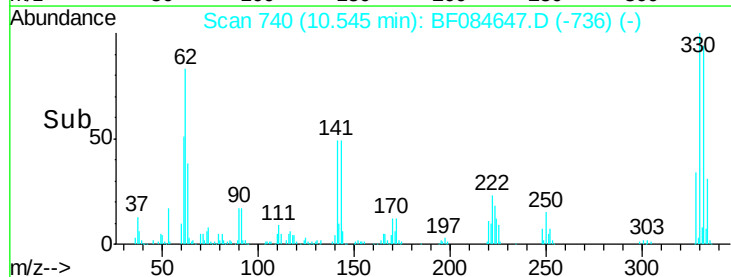
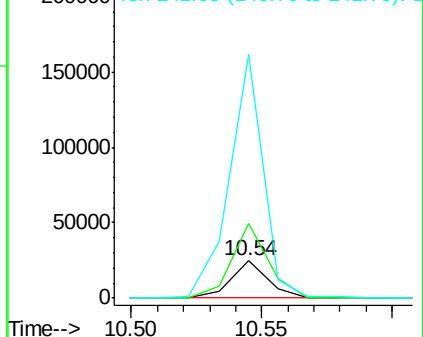


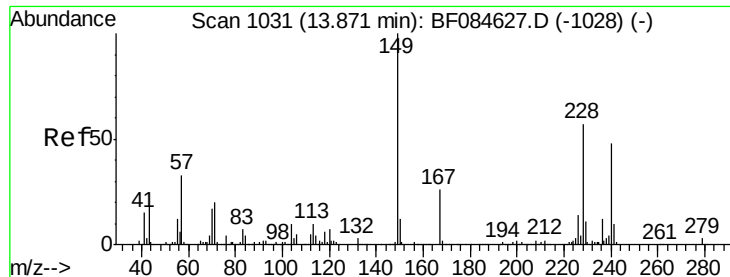
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Tgt Ion:248 Resp: 24055
Ion Ratio Lower Upper
248 100
250 201.0 78.4 117.6#
141 654.3 44.0 66.0#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

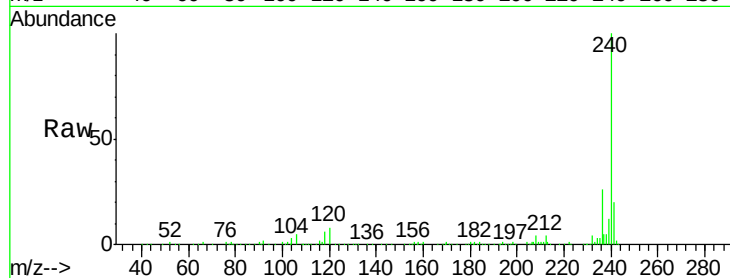
Tgt Ion:240 Resp: 469755

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

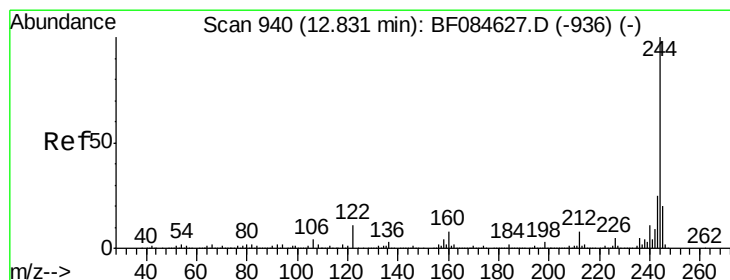
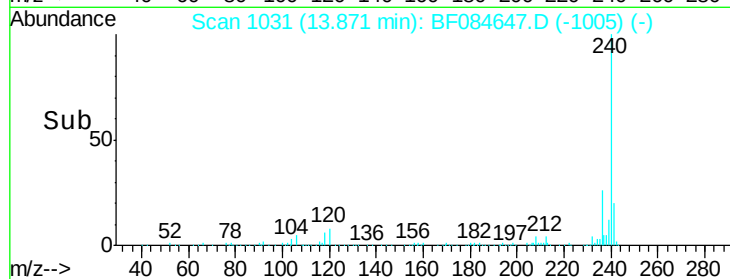
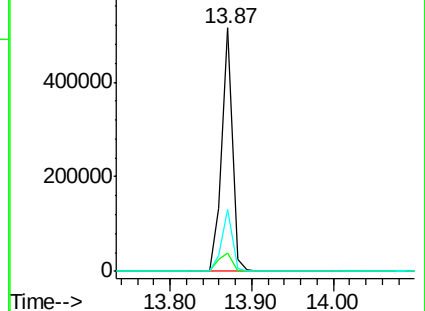
236 25.5 20.6 31.0



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: 85.63 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

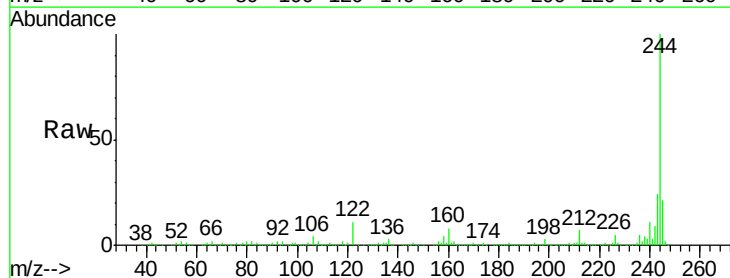
Tgt Ion:244 Resp: 1781119

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

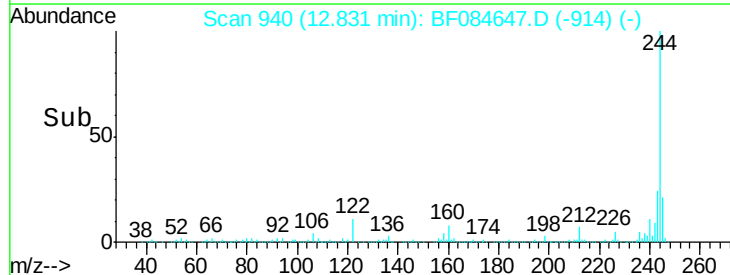
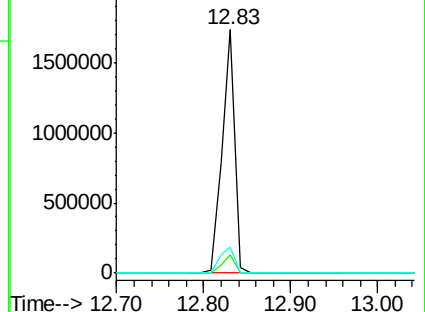
122 10.6 7.4 11.0

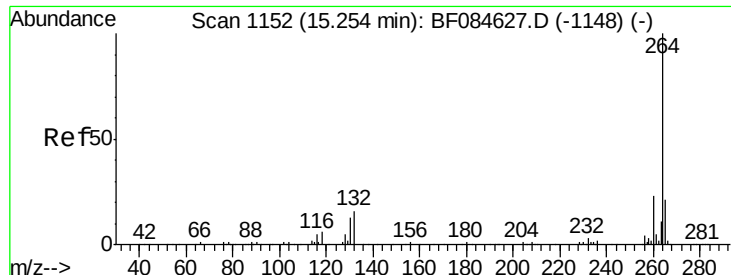


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

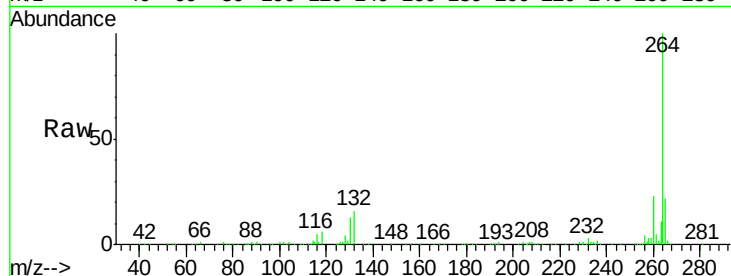




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Instrument :
BNA_F
ClientSampleId :
PB88084BL

Tgt Ion: 264 Resp: 373454
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.8 17.8 26.6



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

