

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084205.D
 Acq On : 31 Dec 2015 20:03
 Operator : UM/SJ
 Sample : PB87627BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BL

Quant Time: Jan 01 23:29:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

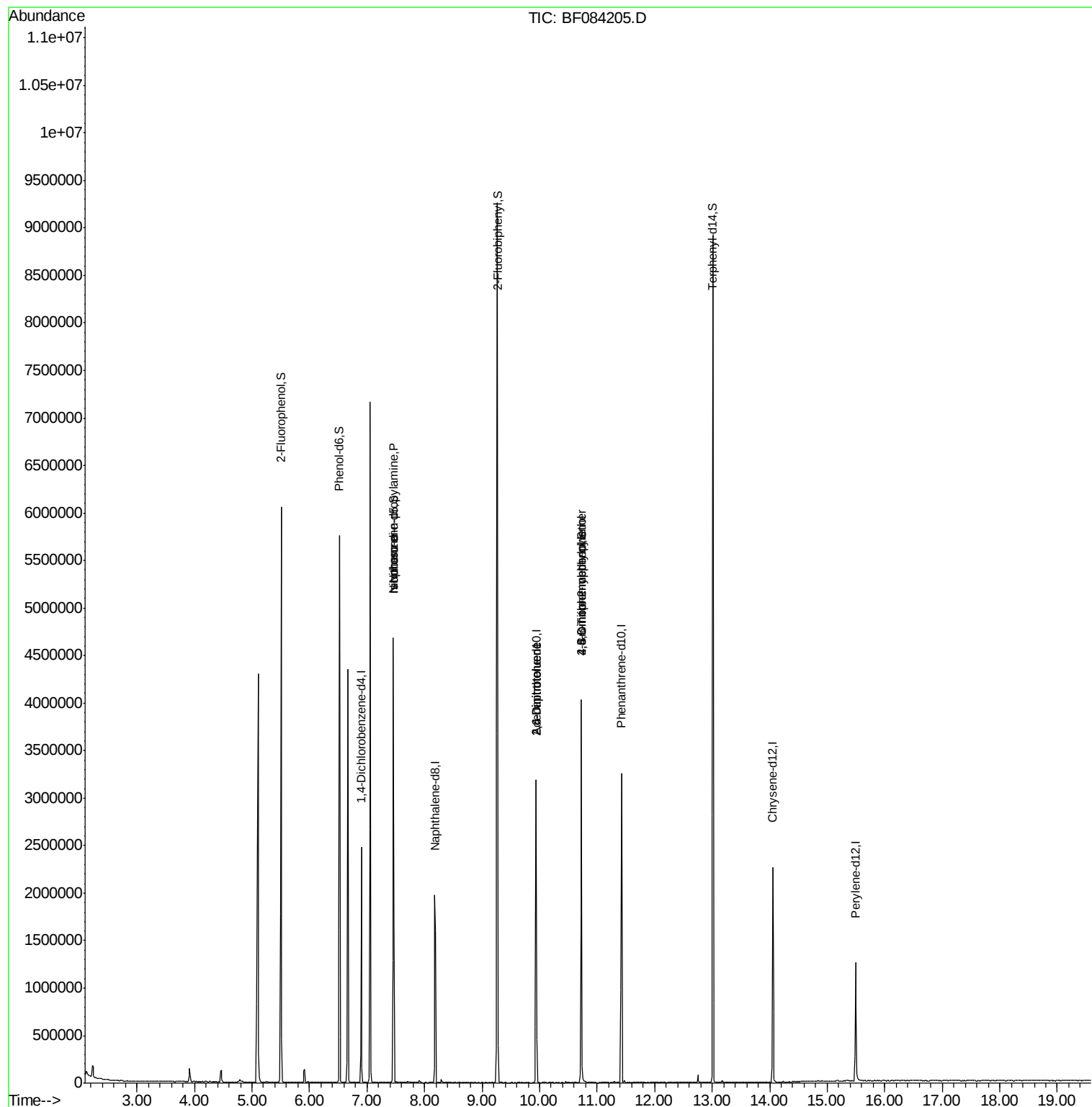
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	314649	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1248105	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	599989	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1151492	20.00	ng	0.00
75) Chrysene-d12	14.05	240	801726	20.00	ng	-0.01
86) Perylene-d12	15.49	264	623249	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1489576	76.57	ng	0.01
7) Phenol-d6	6.52	99	1758596	71.98	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1689637	75.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	496622	81.99	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2864896	83.92	ng	0.00
78) Terphenyl-d14	13.01	244	2596817	72.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	236824	14.32	ng	# 66
25) Isophorone	7.46	82	1397987	32.59	ng	# 66
50) 2,6-Dinitrotoluene	9.94	165	78690	8.36	ng	# 38
56) 2,4-Dinitrotoluene	9.94	165	78693	6.61	ng	# 21
57) Fluorene	10.73	166	21511	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.73	198	1492	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	32257	2.60	ng	# 1
73) Di-n-butylphthalate	11.99	149	642	Below Cal		# 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB87627BL

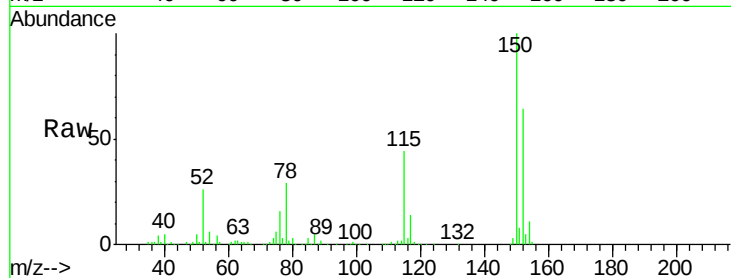
Tgt Ion:152 Resp: 314649

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

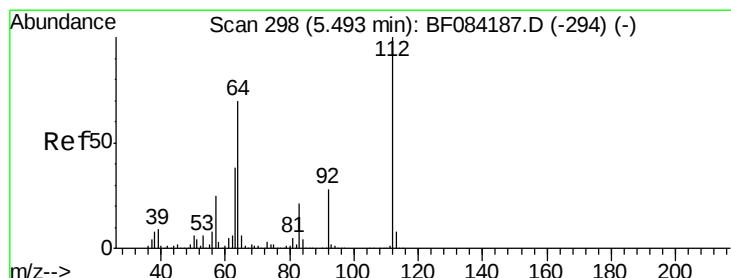
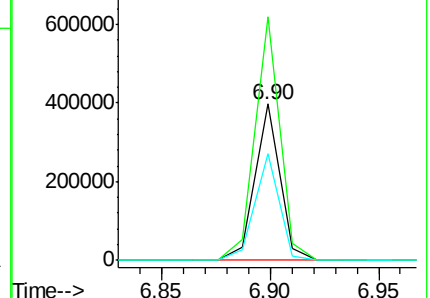
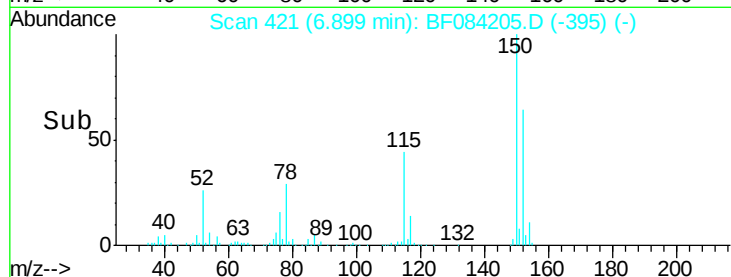
115 67.9 51.4 77.2



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: 76.57 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

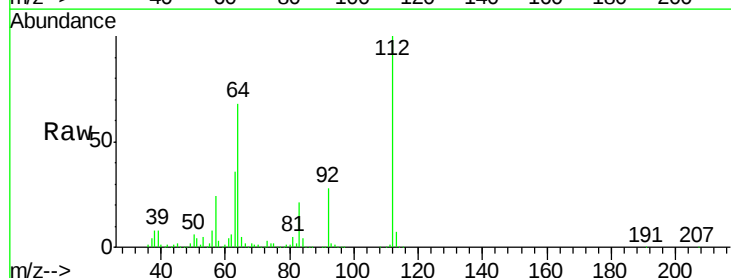
Tgt Ion:112 Resp: 1489576

Ion Ratio Lower Upper

112 100

64 68.4 36.6 55.0#

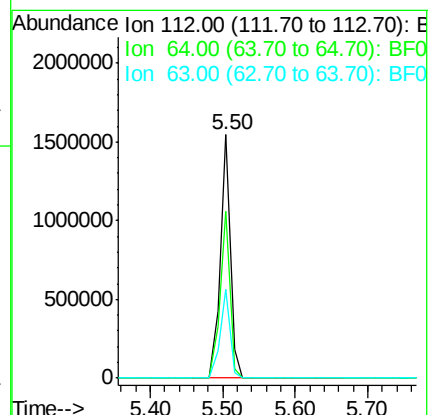
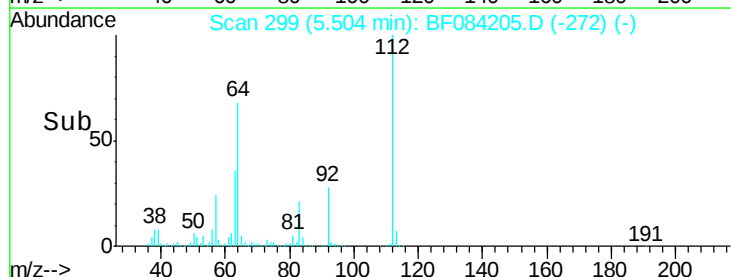
63 36.4 19.4 29.0#



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: 71.98 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB87627BL

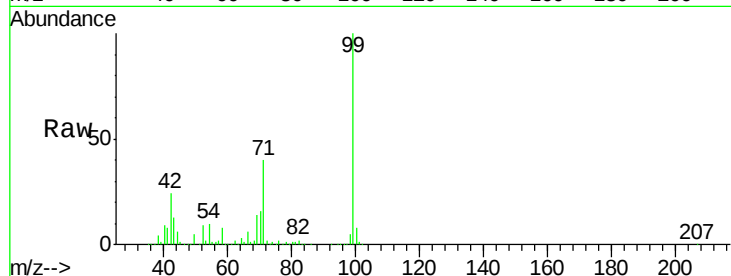
Tgt Ion: 99 Resp: 1758596

Ion Ratio Lower Upper

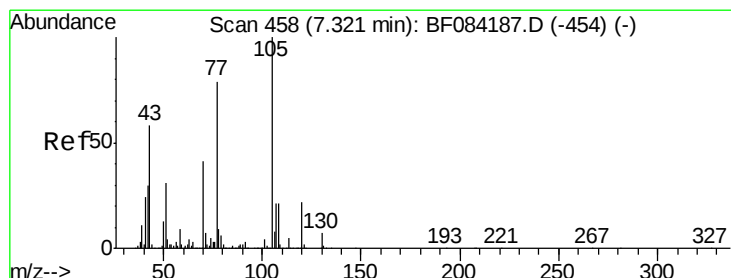
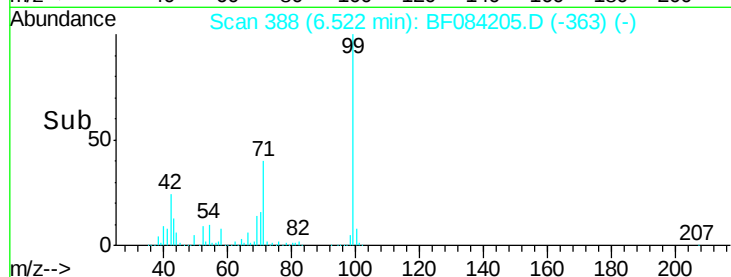
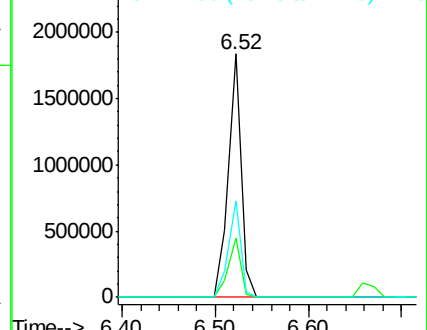
99 100

42 24.4 12.8 19.2#

71 39.7 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.32 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Tgt Ion: 70 Resp: 236824

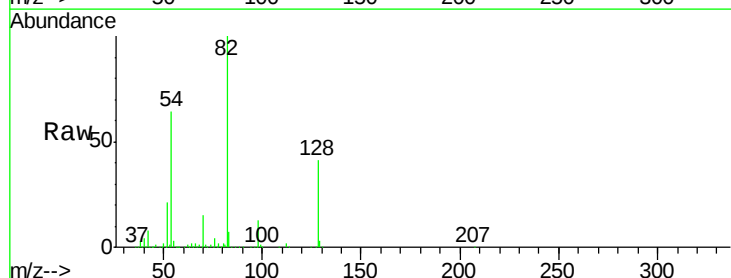
Ion Ratio Lower Upper

70 100

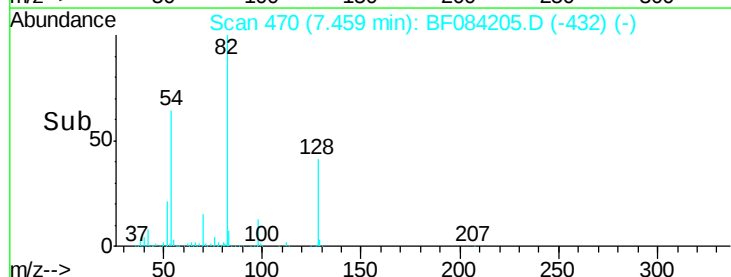
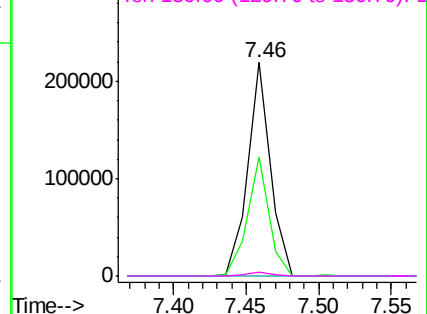
42 56.0 33.3 49.9#

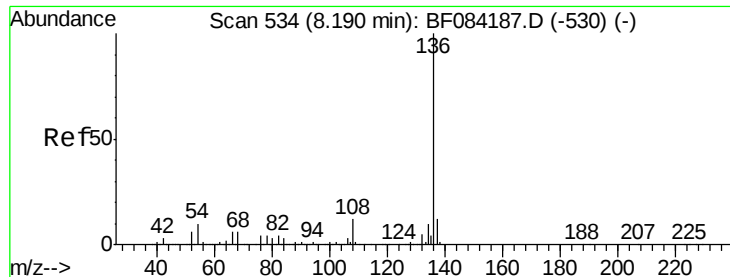
101 0.0 9.3 13.9#

130 1.9 23.4 35.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB87627BL

Tgt Ion:136 Resp: 1248105

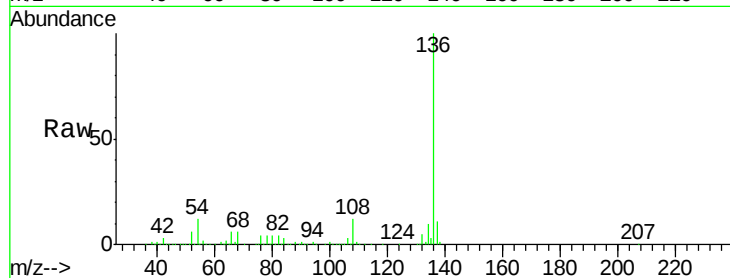
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.6 5.8 8.8#

68 6.3 4.2 6.2#

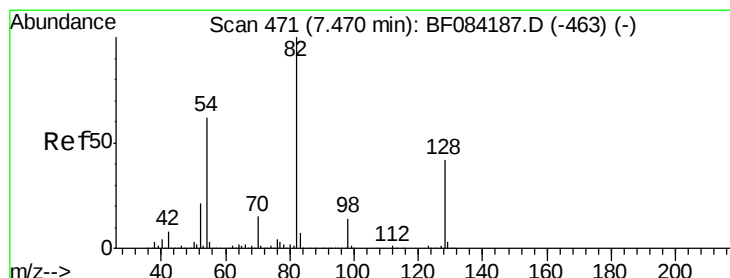
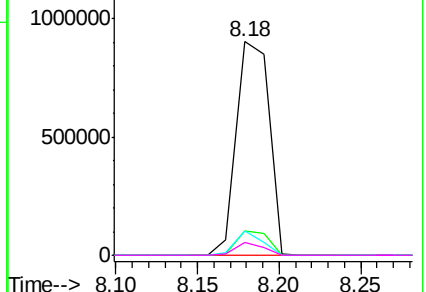
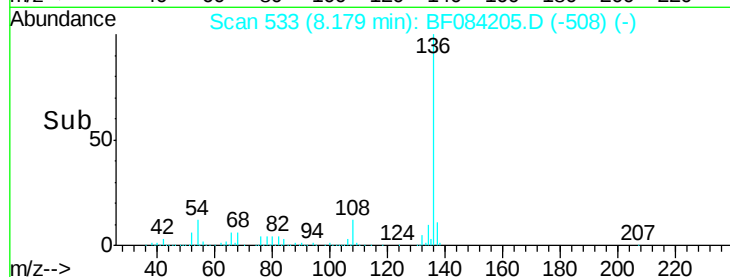


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.34 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

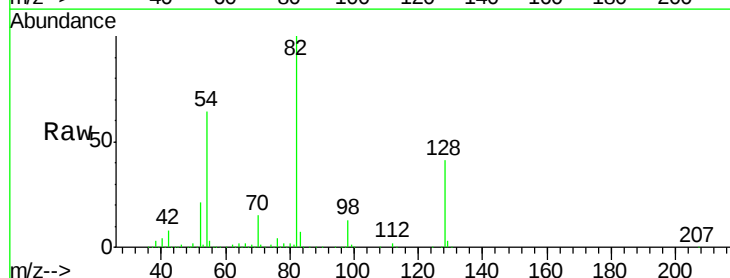
Tgt Ion: 82 Resp: 1689637

Ion Ratio Lower Upper

82 100

128 41.3 34.6 51.8

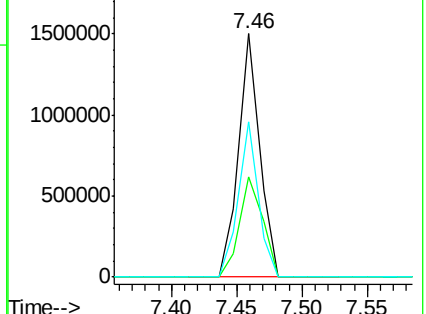
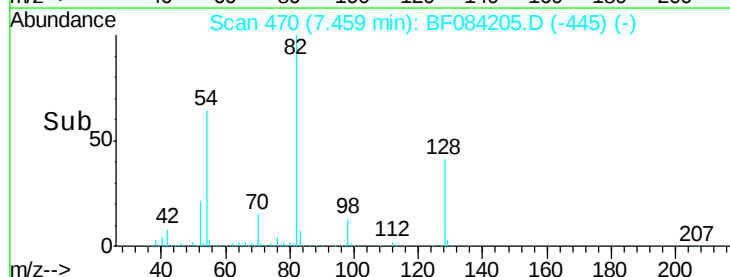
54 63.7 38.4 57.6#

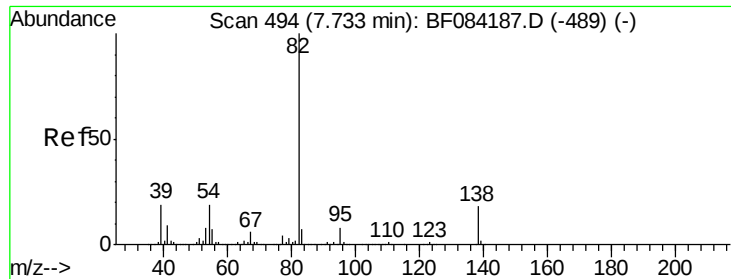


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

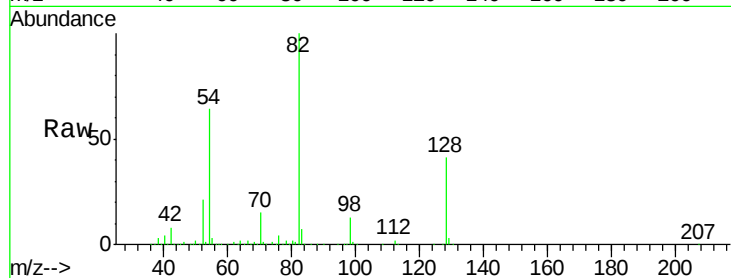




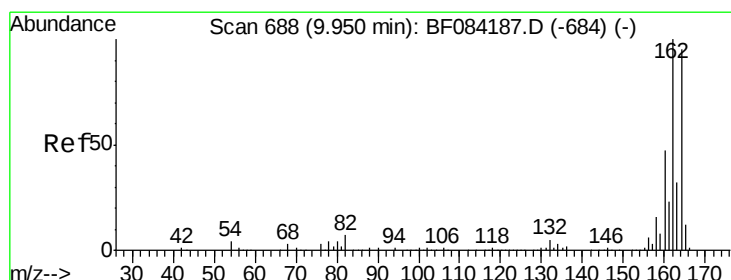
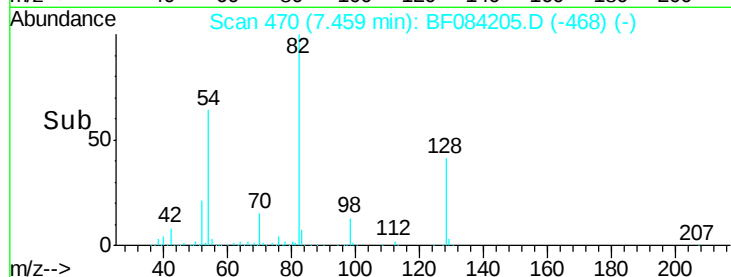
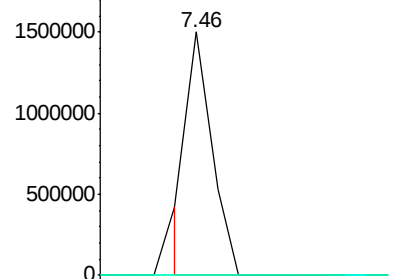
#25
Isophorone
Concen: 32.59 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.27 min
Lab File: BF084205.D
Acq: 31 Dec 2015 20:03

Instrument :
BNA_F
ClientSampled :
PB87627BL

Tgt Ion: 82 Resp: 1397987
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#

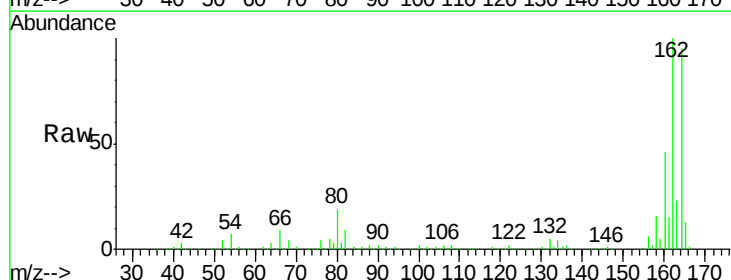


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

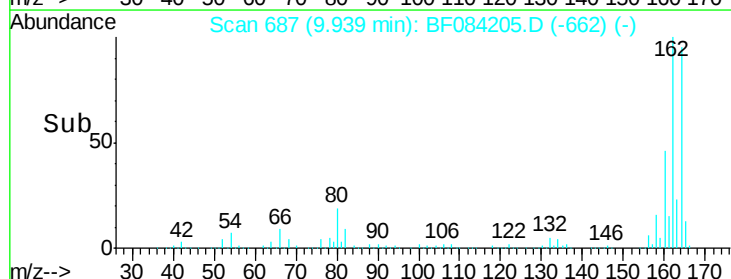
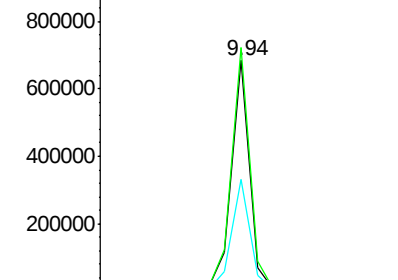


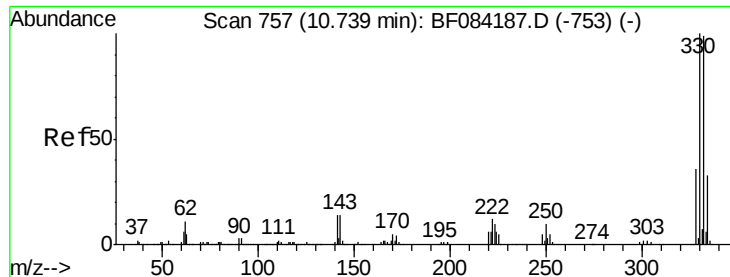
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084205.D
Acq: 31 Dec 2015 20:03

Tgt Ion: 164 Resp: 599989
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 48.7 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

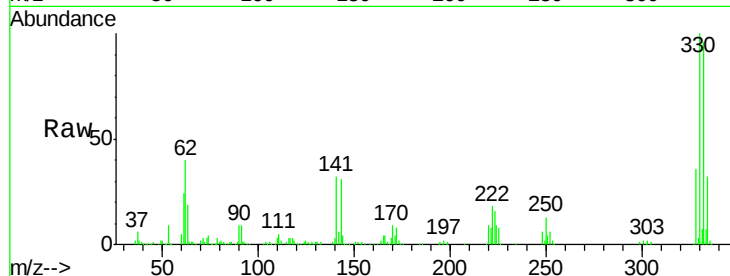




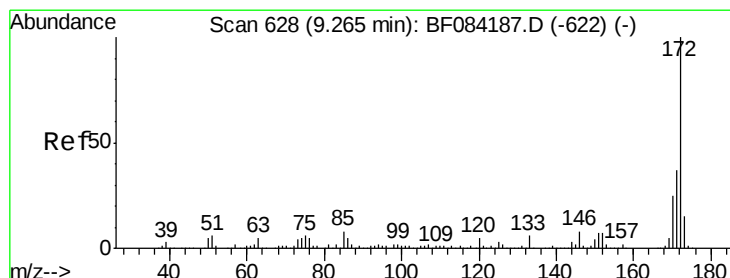
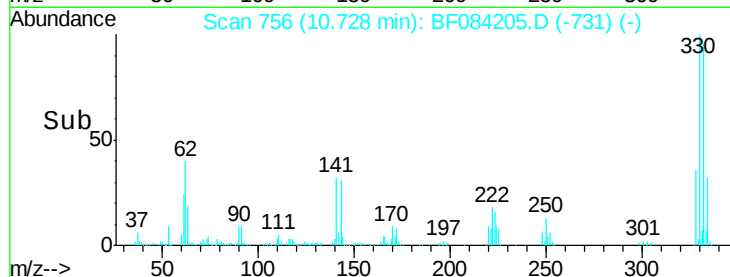
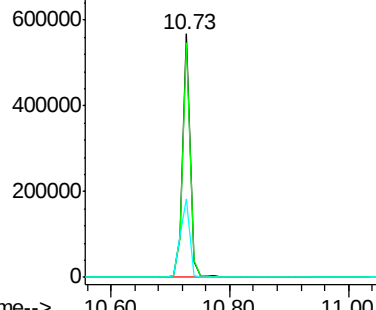
#41
 2,4,6-Tribromophenol
 Concen: 81.99 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BL

Tgt Ion:330 Resp: 496622
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 40.7 27.8 41.6

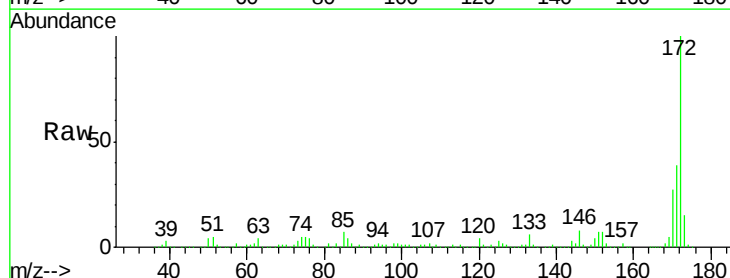


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

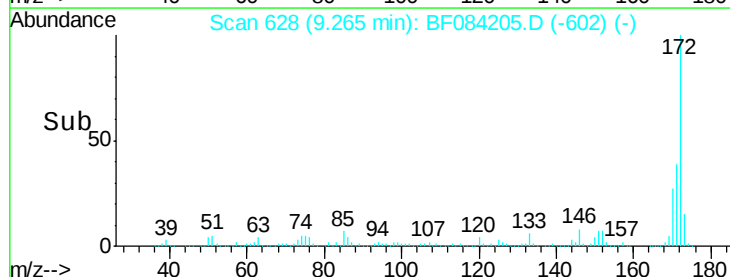
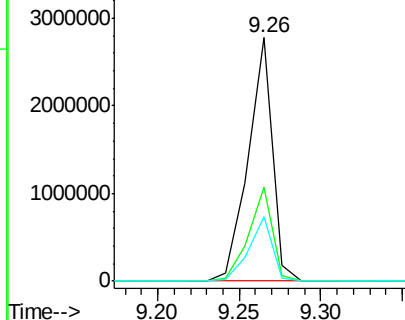


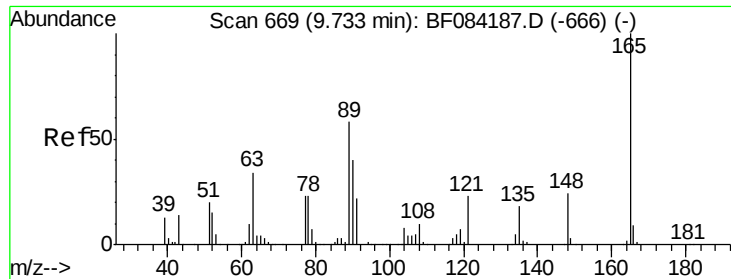
#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Tgt Ion:172 Resp: 2864896
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.7 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: 8.36 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.21 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB87627BL

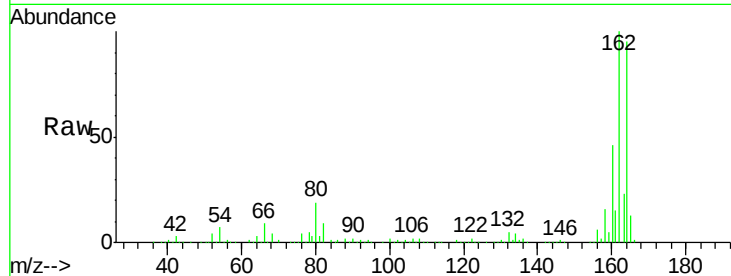
Tgt Ion:165 Resp: 78690

Ion Ratio Lower Upper

165 100

63 1.5 28.8 43.2#

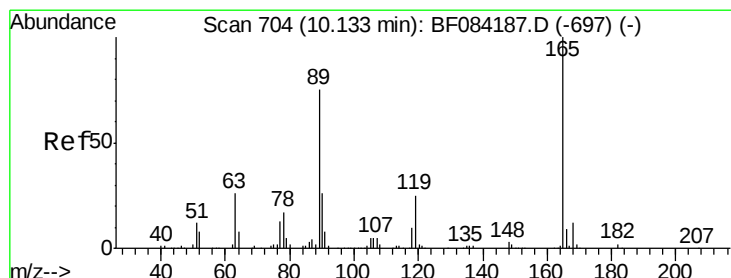
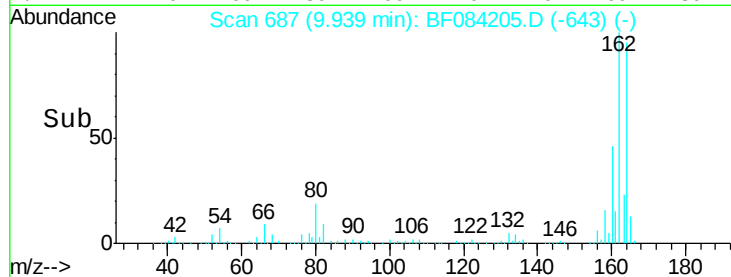
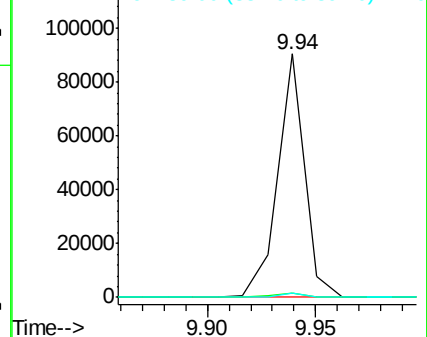
89 1.6 35.1 52.7#



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: 6.61 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.19 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Tgt Ion:165 Resp: 78693

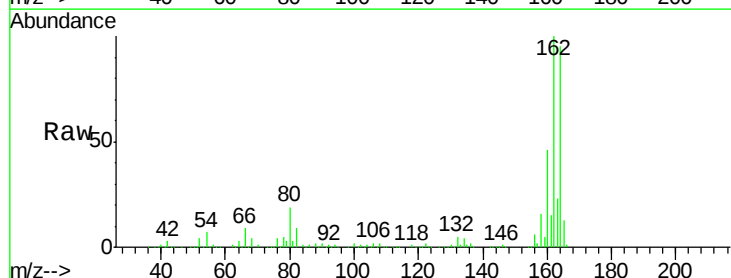
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

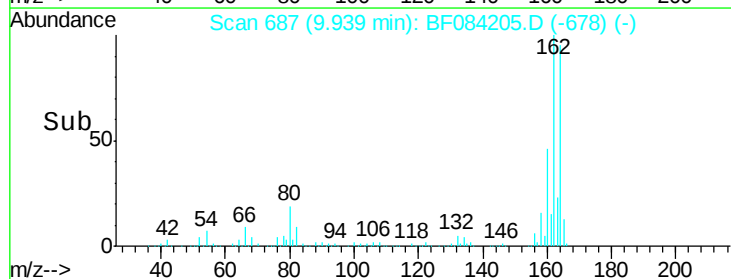
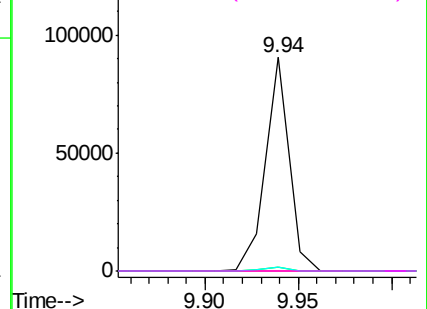


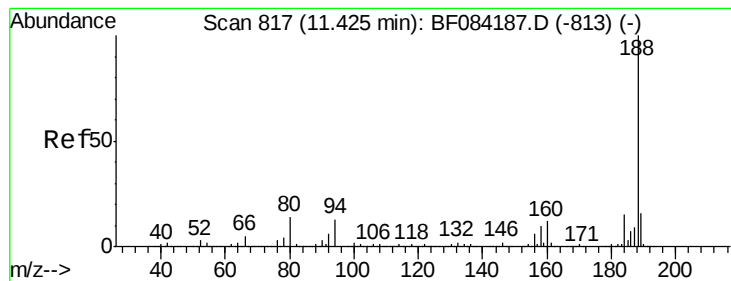
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB87627BL

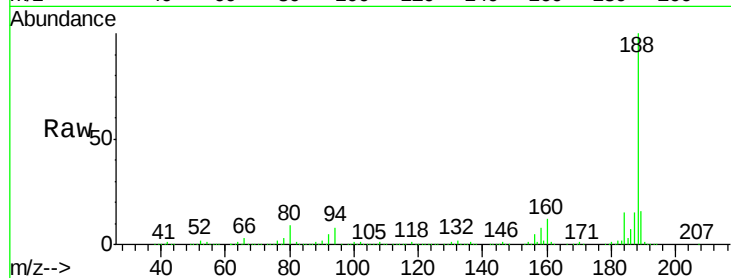
Tgt Ion:188 Resp: 1151492

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

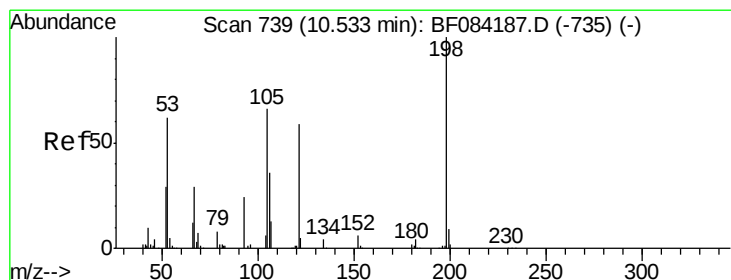
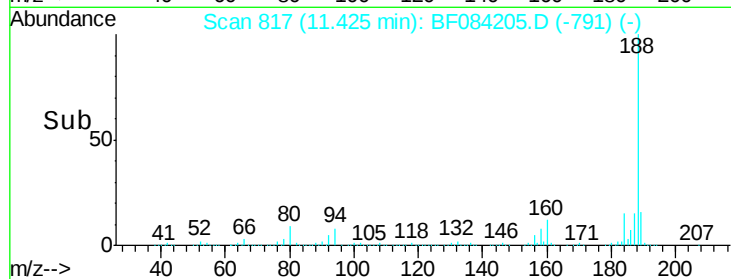
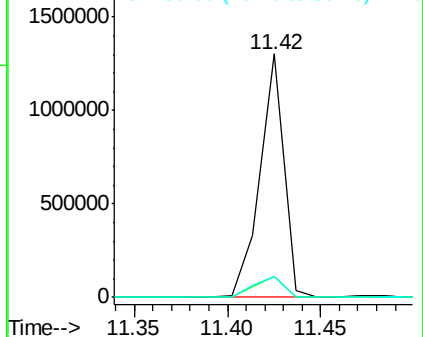
80 8.7 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF084205.D

Acq: 31 Dec 2015 20:03

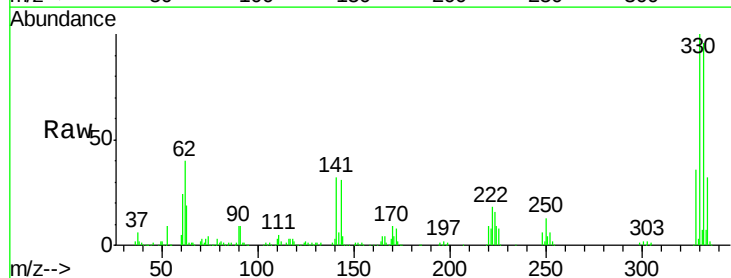
Tgt Ion:198 Resp: 1492

Ion Ratio Lower Upper

198 100

51 143.5 18.9 58.9#

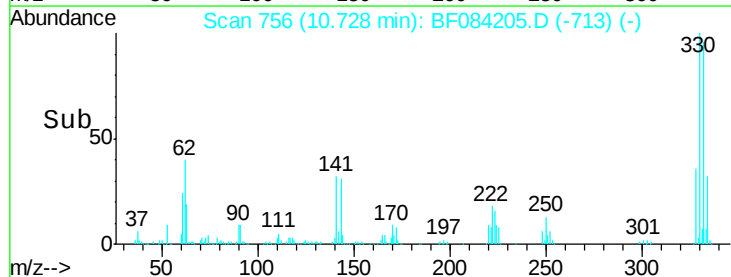
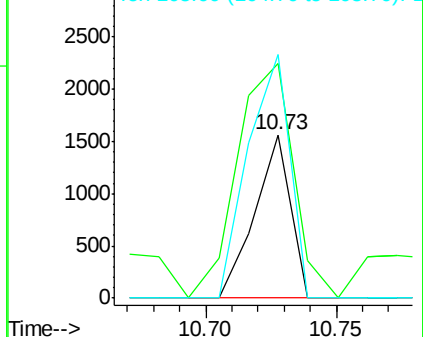
105 149.3 26.4 66.4#

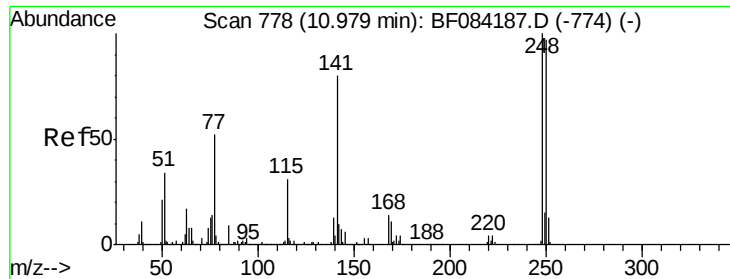


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

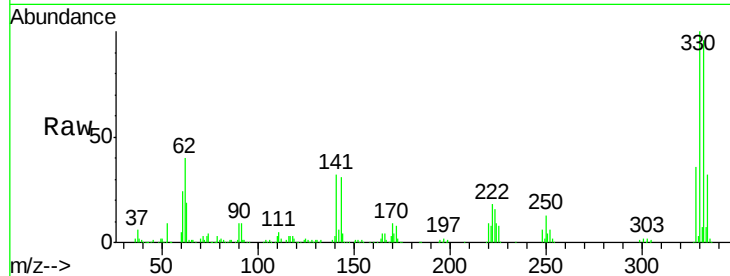




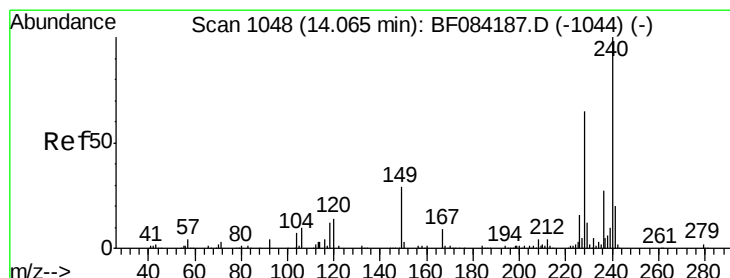
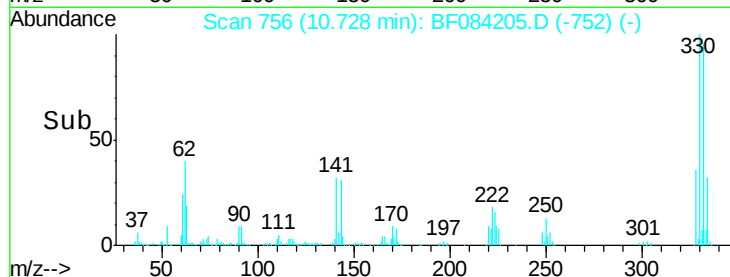
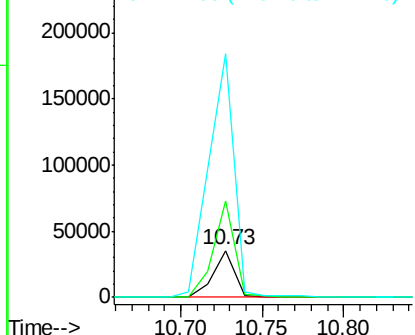
#66
 4-Bromophenyl-phenylether
 Concen: 2.60 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BL

Tgt Ion:248 Resp: 32257
 Ion Ratio Lower Upper
 248 100
 250 204.0 78.4 117.6#
 141 518.2 44.0 66.0#

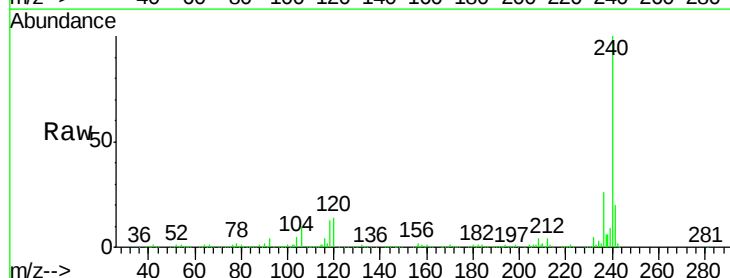


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

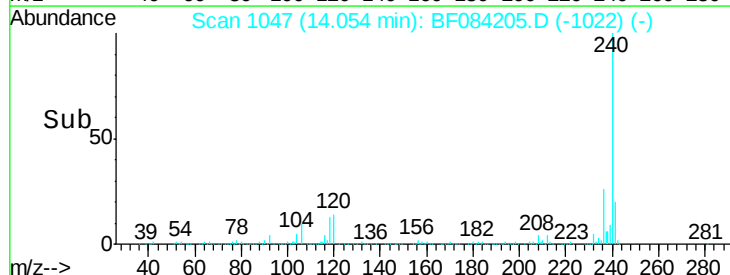
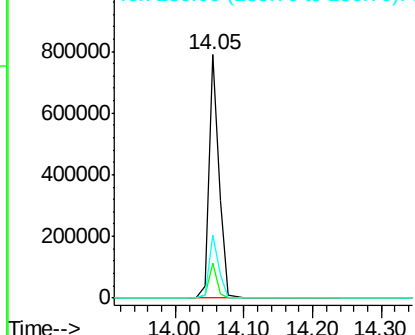


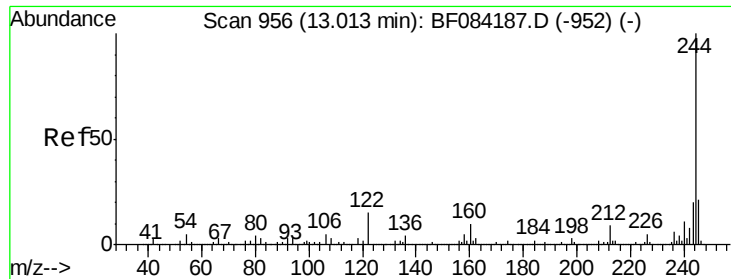
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Tgt Ion:240 Resp: 801726
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 25.9 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

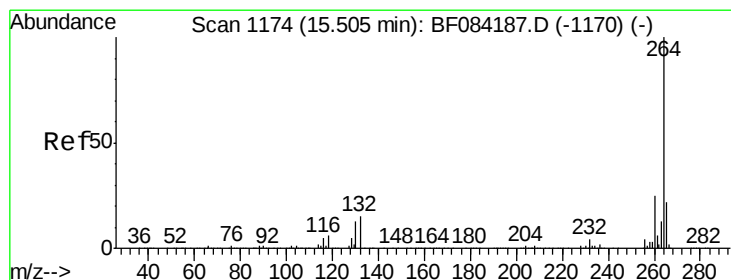
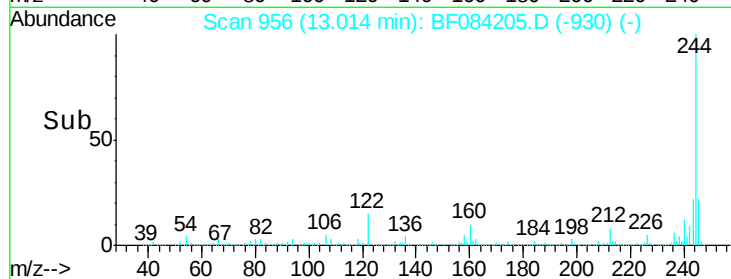
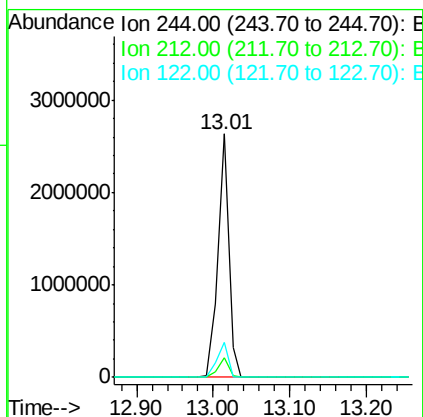
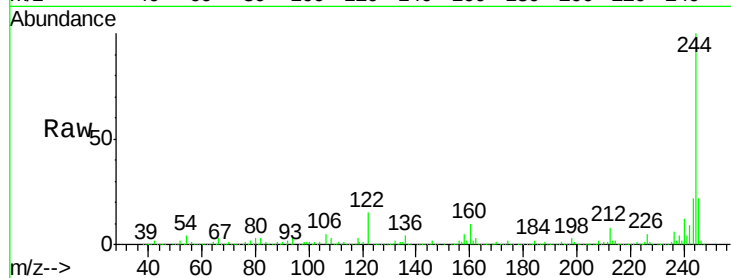




#78
 Terphenyl-d14
 Concen: 72.30 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BL

Tgt Ion:244 Resp: 2596817
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084205.D
 Acq: 31 Dec 2015 20:03

Tgt Ion:264 Resp: 623249
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 17.8 26.6

