

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084425.D
 Acq On : 12 Jan 2016 22:43
 Operator : SJ/UM
 Sample : PB87777BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

Quant Time: Jan 13 00:40:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

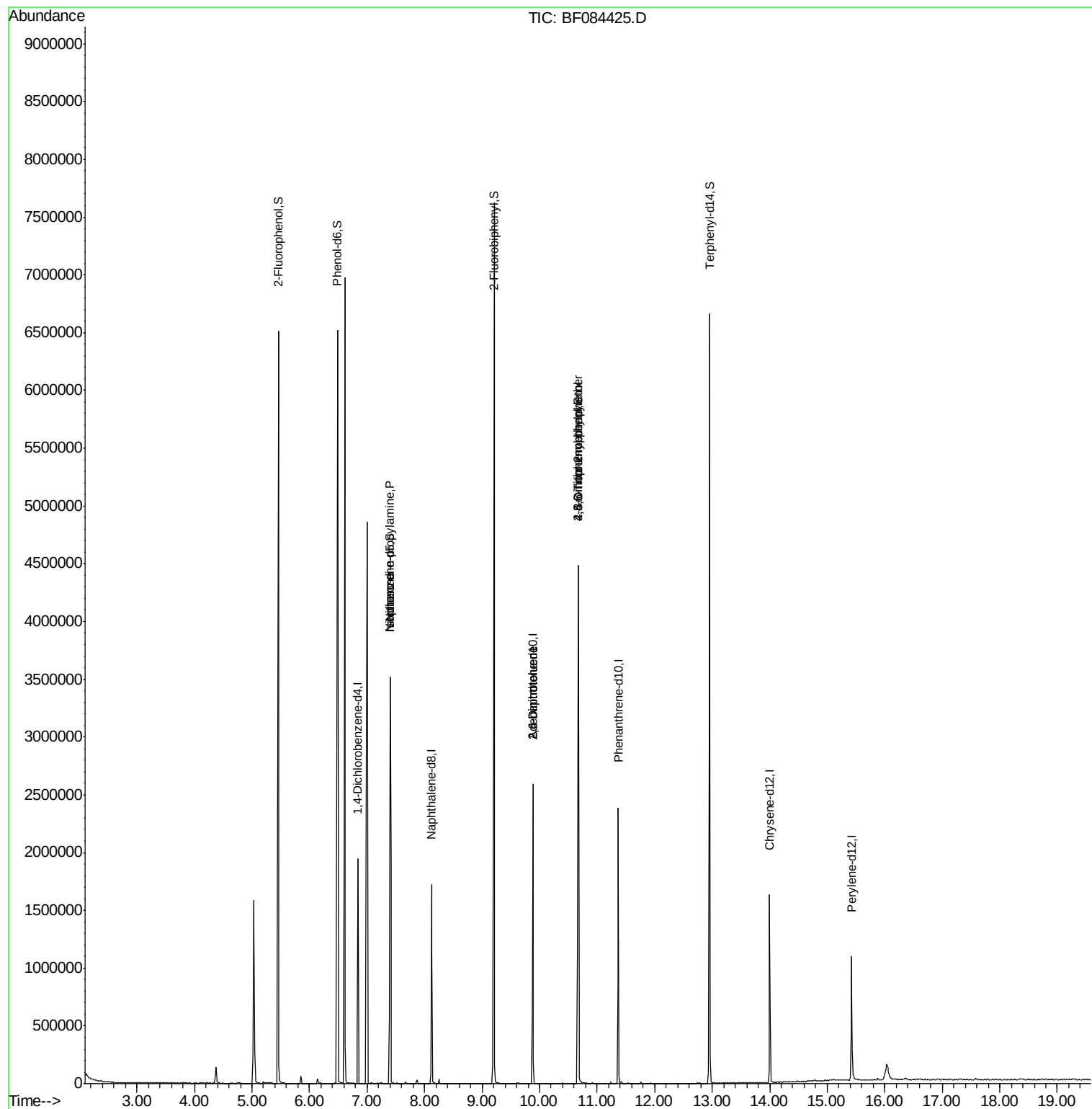
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262171	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1002262	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	491057	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	908283	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	609596	20.00	ng	-0.07
86) Perylene-d12	15.43	264	467381	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1868009	115.25	ng	-0.03
7) Phenol-d6	6.49	99	2261747	111.10	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1393820	77.40	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	507987	102.47	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2384431	85.45	ng	-0.06
78) Terphenyl-d14	12.96	244	2182021	79.90	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	186788	13.55	ng	# 70
25) Isophorone	7.40	82	1260948	36.61	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	64010	8.31	ng	# 37
56) 2,4-Dinitrotoluene	9.88	165	64016	6.57	ng	# 21
57) Fluorene	10.67	166	23065	Below Cal		# 83
64) 4,6-Dinitro-2-methylphenol	10.67	198	1414	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	31612	3.23	ng	# 1
73) Di-n-butylphthalate	11.94	149	1307	Below Cal		# 79

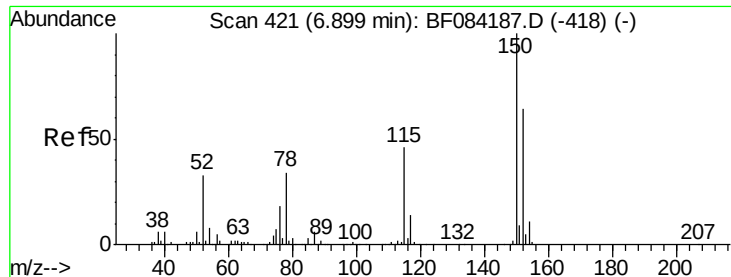
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87777BL

Quant Time: Jan 13 00:40:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Instrument :

BNA_F

ClientSampled :

PB87777BL

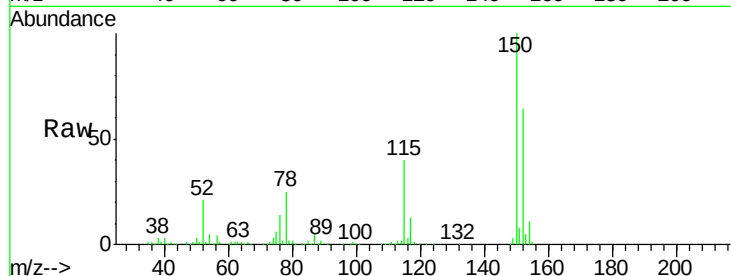
Tgt Ion:152 Resp: 262171

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

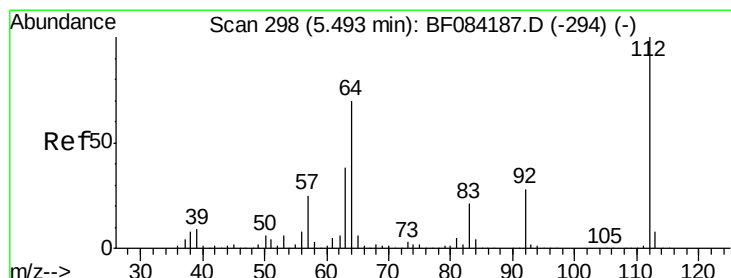
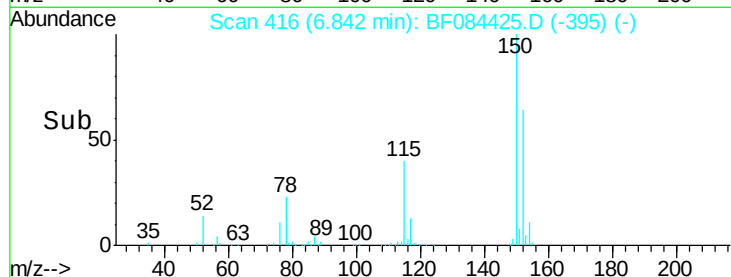
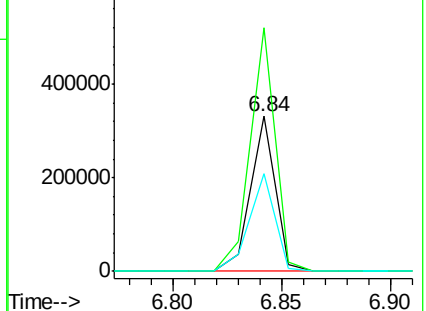
115 62.8 51.4 77.2



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: 115.25 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

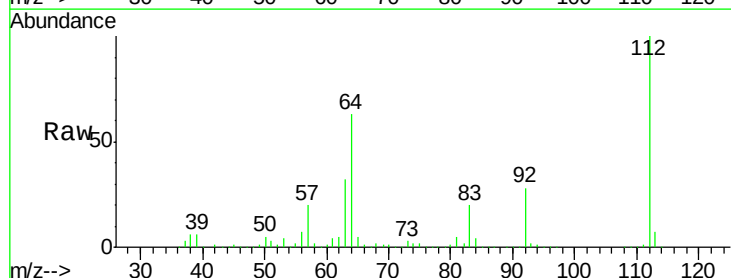
Tgt Ion:112 Resp: 1868009

Ion Ratio Lower Upper

112 100

64 62.5 36.6 55.0#

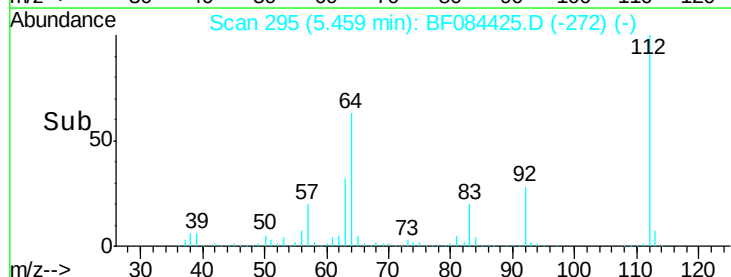
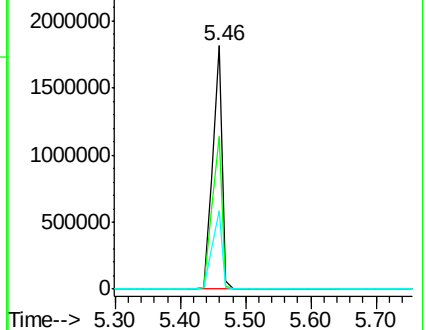
63 32.2 19.4 29.0#

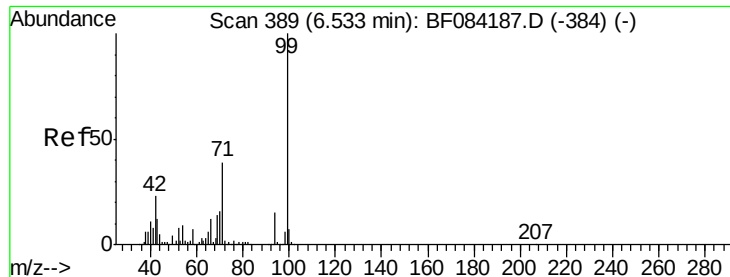


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Instrument :

BNA_F

ClientSampleId :

PB87777BL

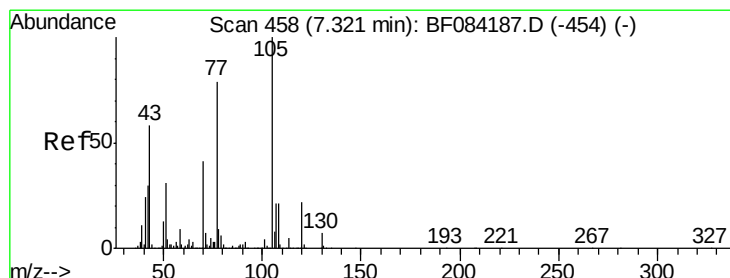
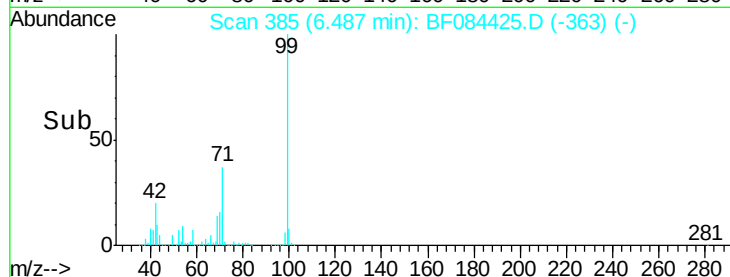
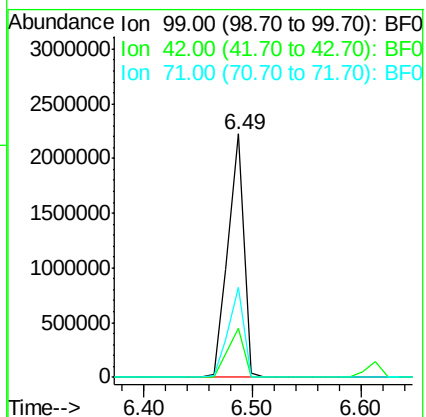
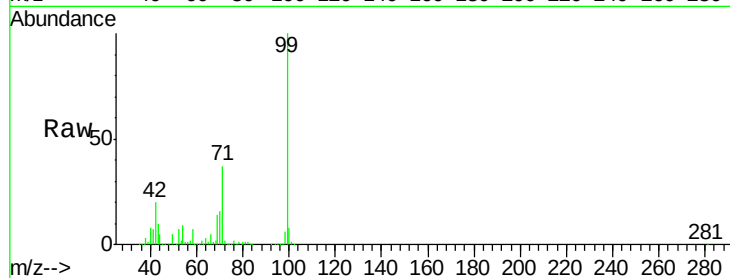
Tgt Ion: 99 Resp: 2261747

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 36.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.55 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Tgt Ion: 70 Resp: 186788

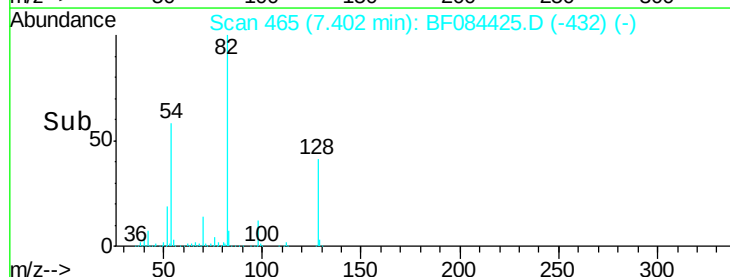
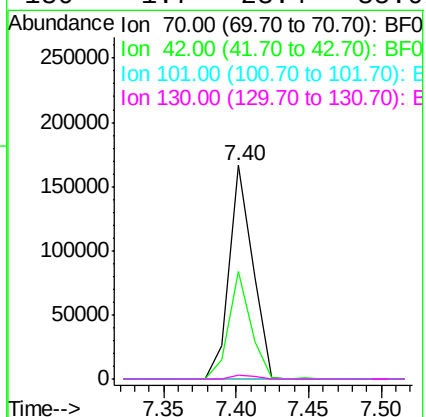
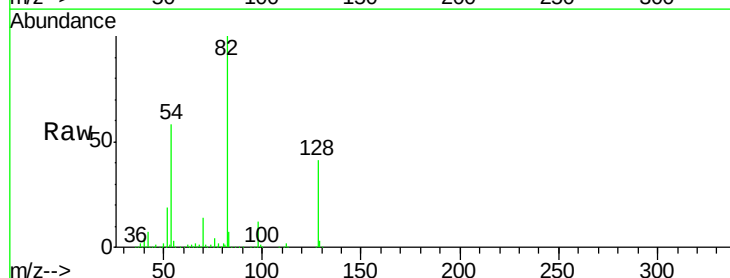
Ion Ratio Lower Upper

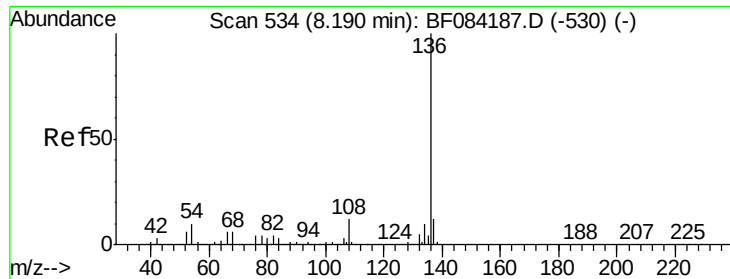
70 100

42 50.6 33.3 49.9#

101 0.0 9.3 13.9#

130 1.7 23.4 35.0#

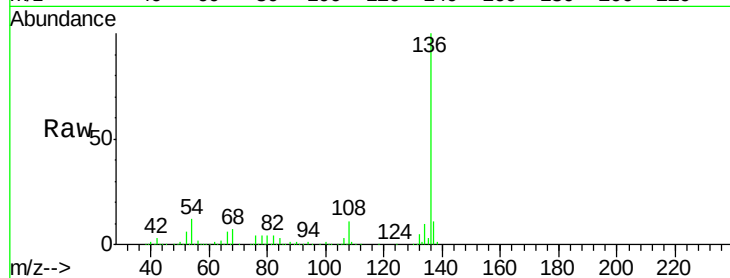




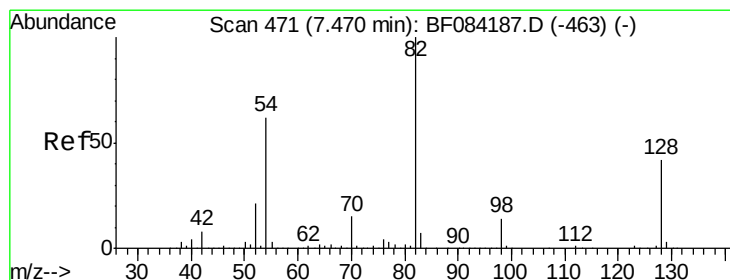
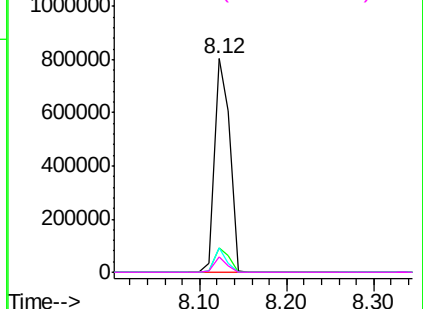
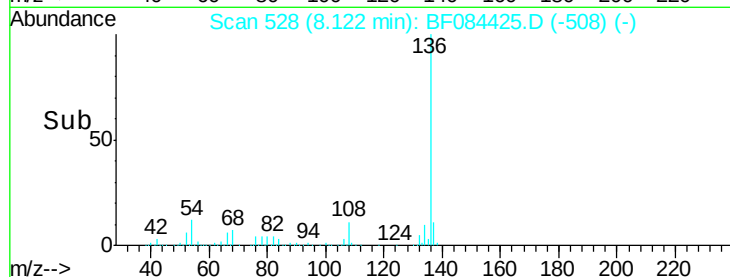
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

Instrument :
BNA_F
ClientSampleId :
PB87777BL

Tgt Ion:136 Resp: 1002262
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.7 5.8 8.8#
68 7.5 4.2 6.2#

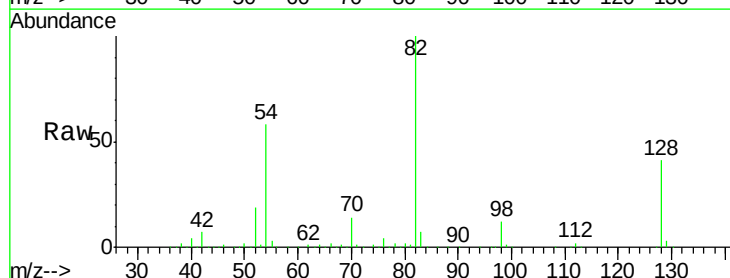


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

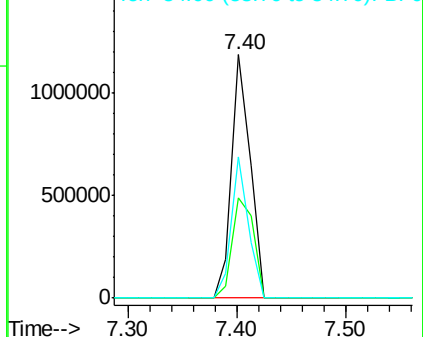
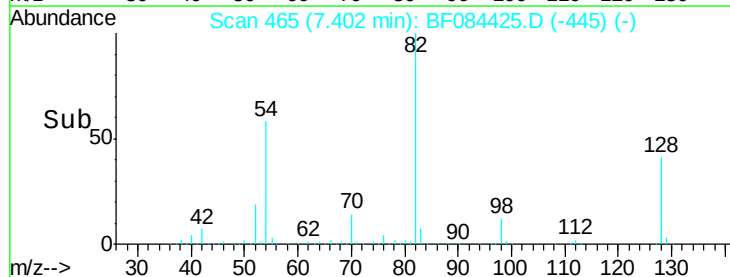


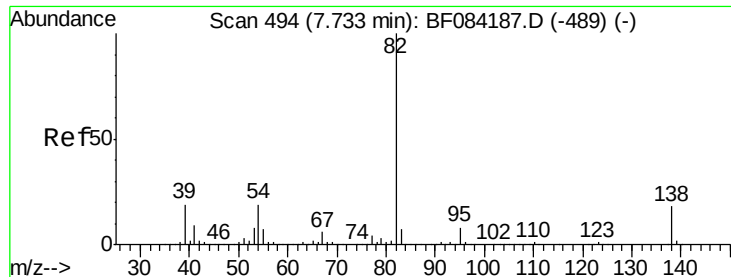
#23
Nitrobenzene-d5
Concen: 77.40 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

Tgt Ion: 82 Resp: 1393820
Ion Ratio Lower Upper
82 100
128 41.4 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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.61 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.33 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Instrument :

BNA_F

ClientSampleId :

PB87777BL

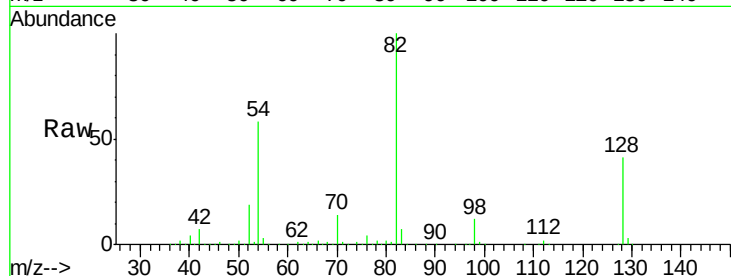
Tgt Ion: 82 Resp: 1260948

Ion Ratio Lower Upper

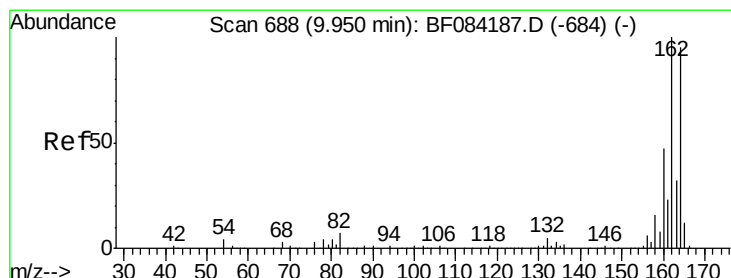
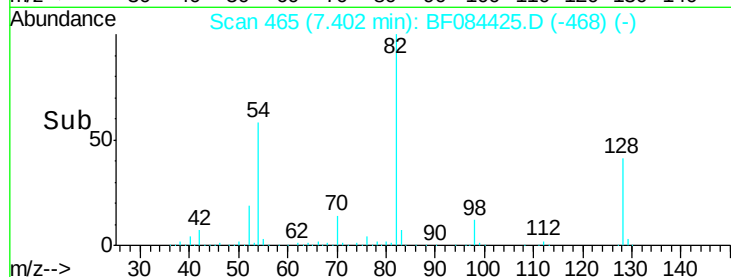
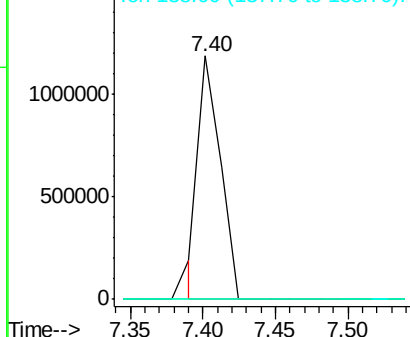
82 100

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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

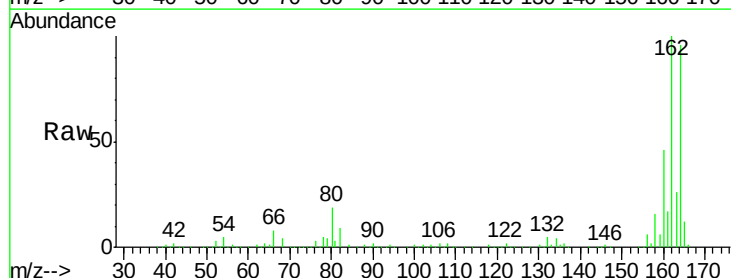
Tgt Ion: 164 Resp: 491057

Ion Ratio Lower Upper

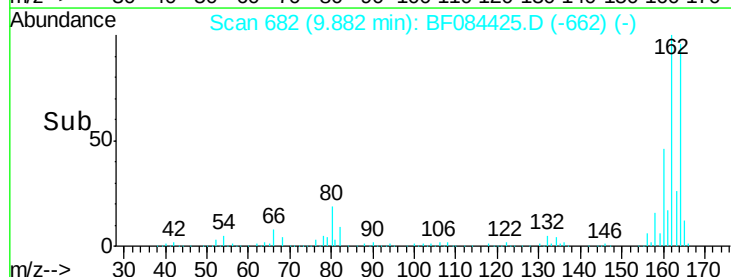
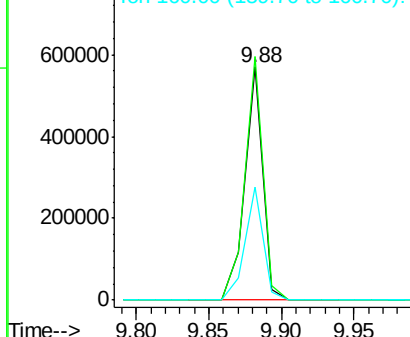
164 100

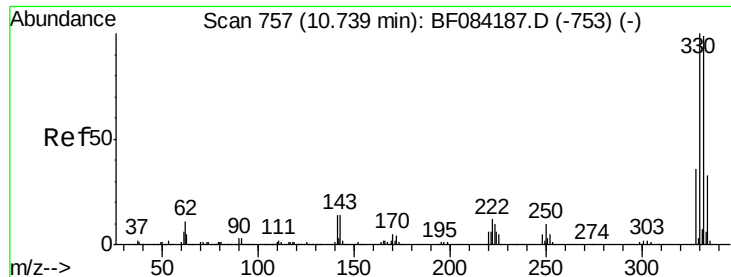
162 104.6 85.1 127.7

160 48.5 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

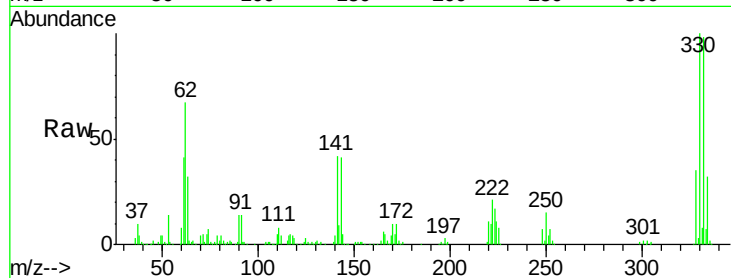




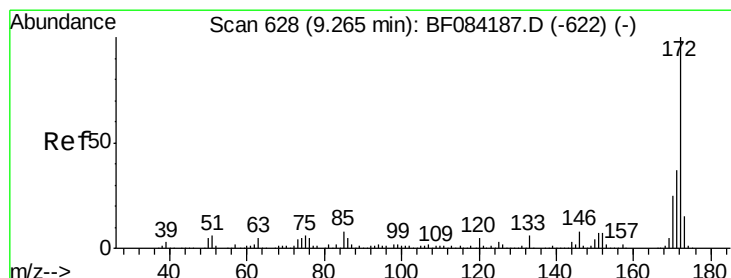
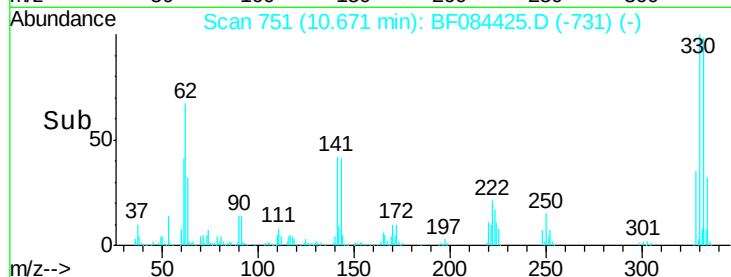
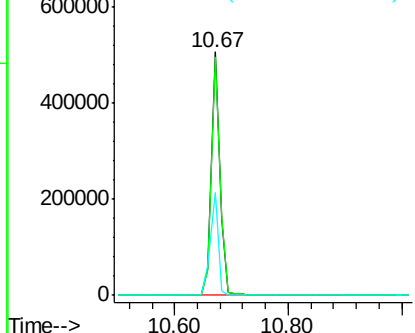
#41
 2,4,6-Tribromophenol
 Concen: 102.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

Tgt Ion:330 Resp: 507987
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 114.8
 141 39.9 27.8 41.6

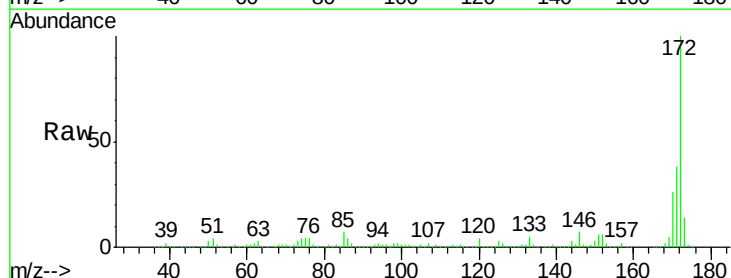


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

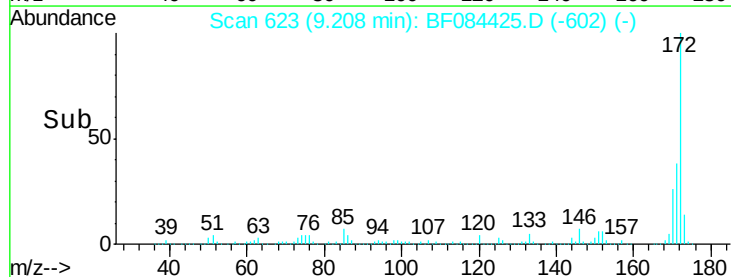
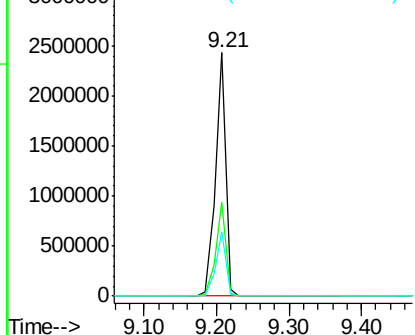


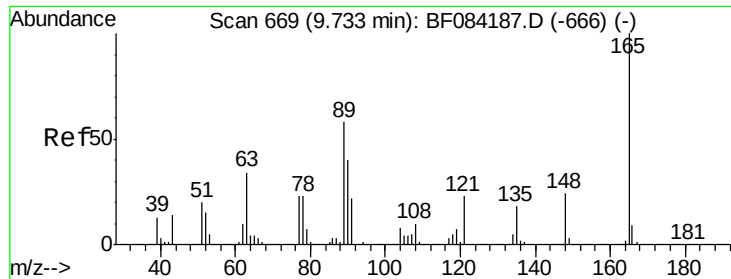
#44
 2-Fluorobiphenyl
 Concen: 85.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Tgt Ion:172 Resp: 2384431
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.4 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: 8.31 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.15 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Instrument :

BNA_F

ClientSampleId :

PB87777BL

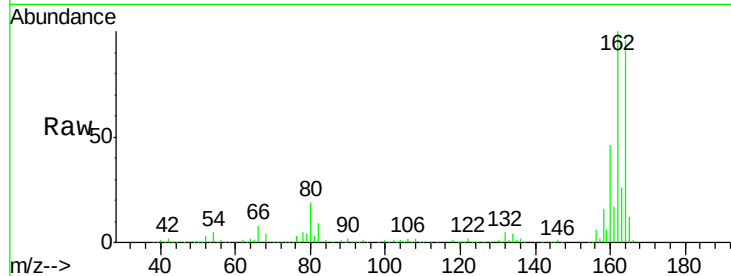
Tgt Ion:165 Resp: 64010

Ion Ratio Lower Upper

165 100

63 1.4 28.8 43.2#

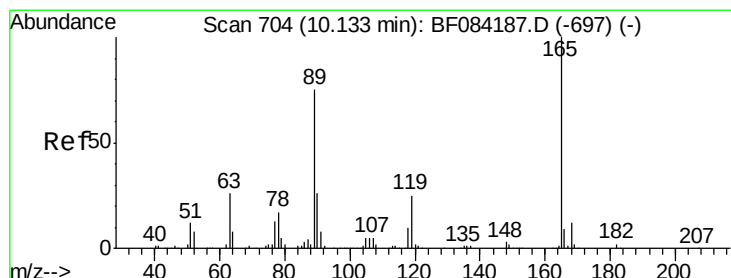
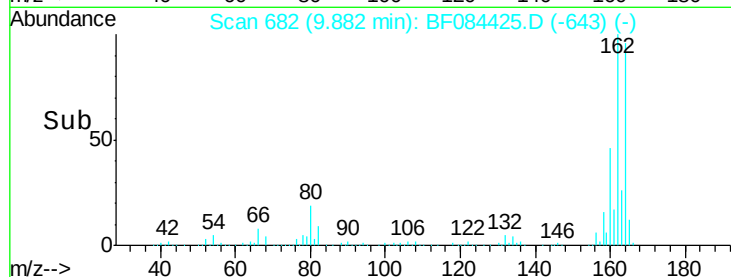
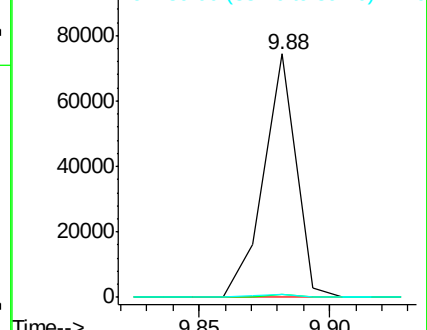
89 1.0 35.1 52.7#



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: 6.57 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Tgt Ion:165 Resp: 64016

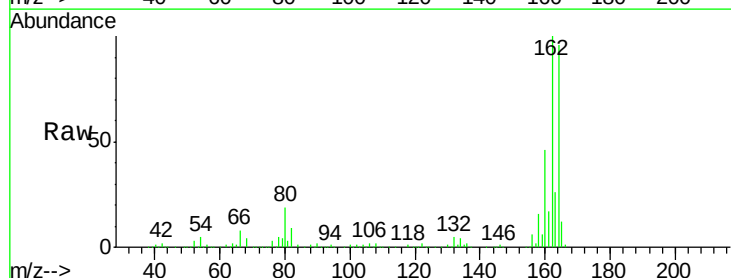
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.0 61.9 92.9#

182 0.0 2.0 3.0#

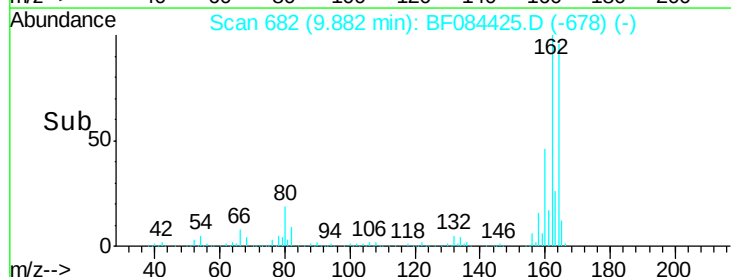
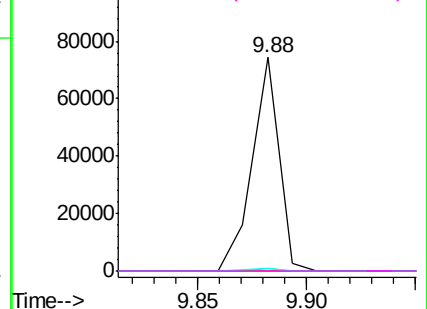


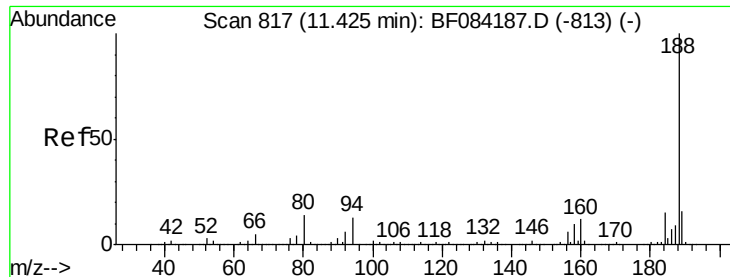
Abundance Ion 165.00 (164.70 to 165.70): E

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

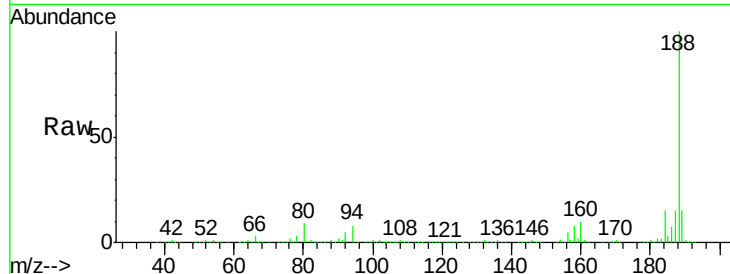




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Instrument :
 BNA_F
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 PB87777BL

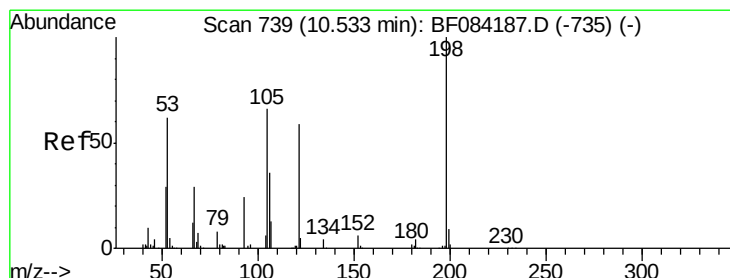
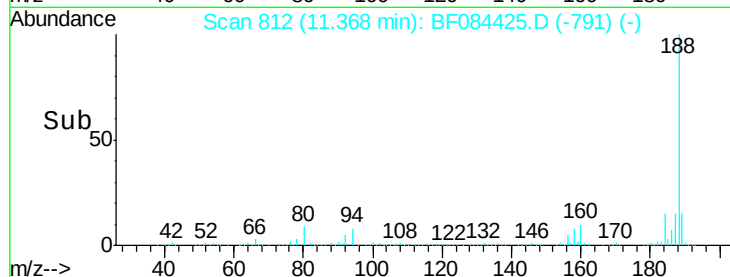
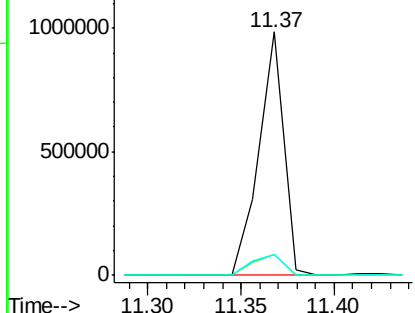
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.8	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

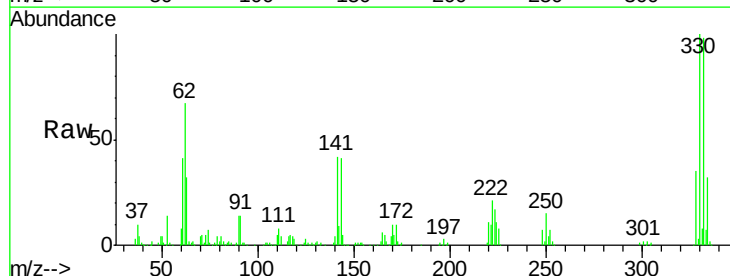
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

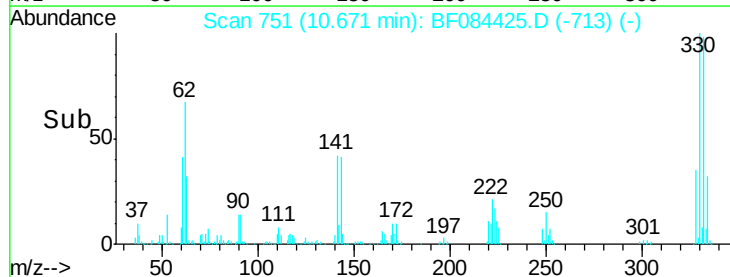
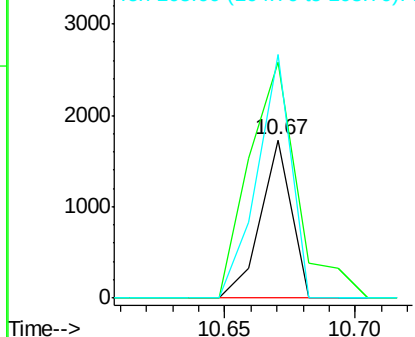
Tgt Ion	Ratio	Lower	Upper
198	100		
51	149.0	18.9	58.9#
105	153.6	26.4	66.4#

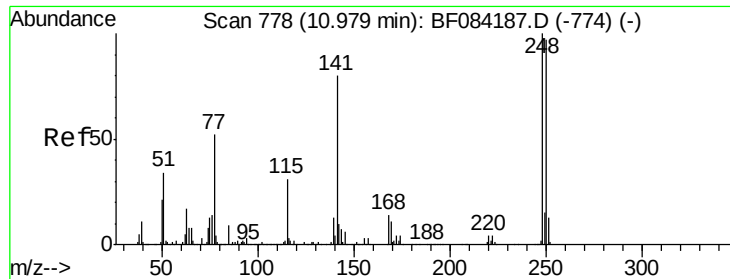


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

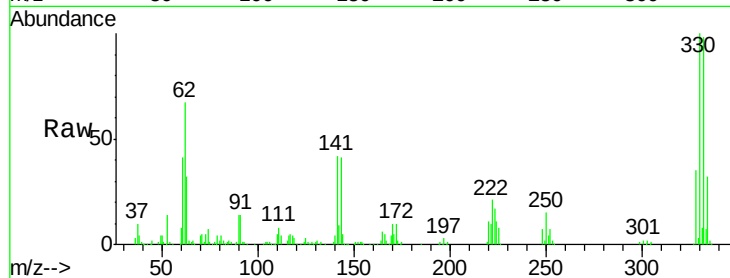




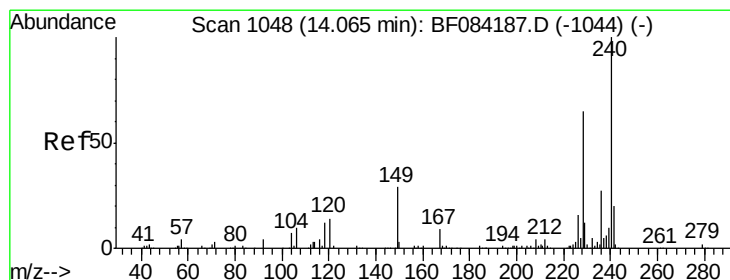
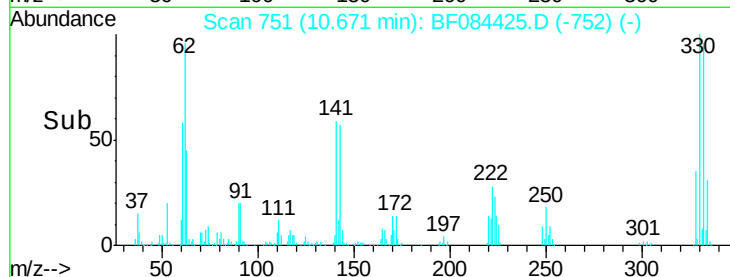
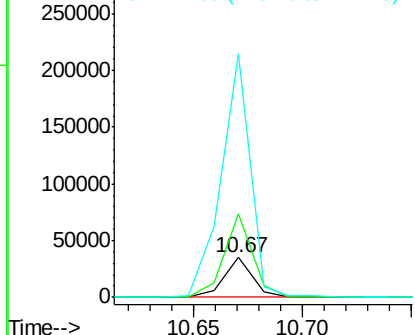
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.31 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

Instrument :
BNA_F
ClientSampleId :
PB87777BL

Tgt Ion:248 Resp: 31612
Ion Ratio Lower Upper
248 100
250 210.0 78.4 117.6#
141 608.1 44.0 66.0#

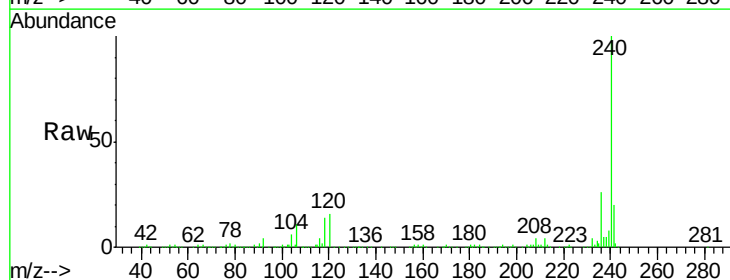


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

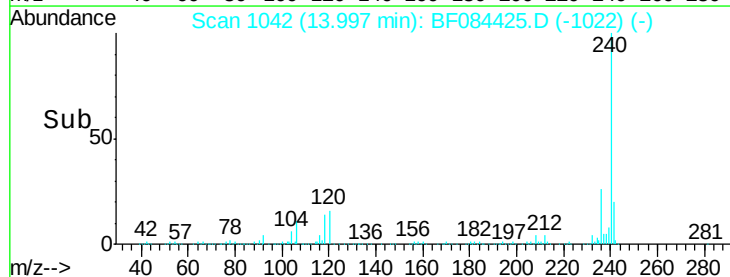
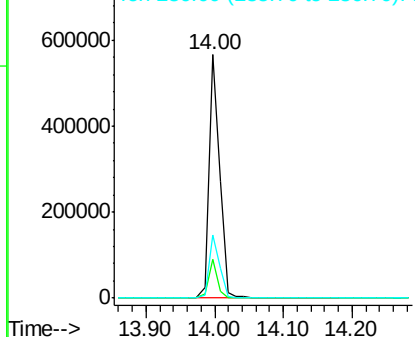


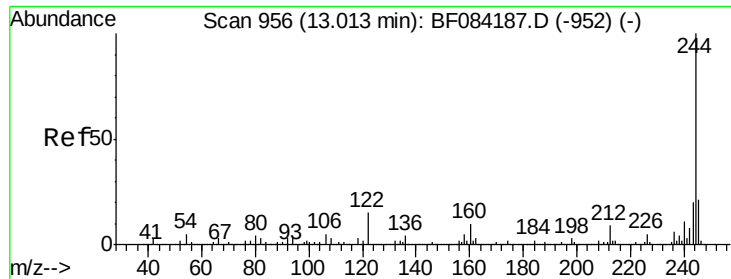
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

Tgt Ion:240 Resp: 609596
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 25.8 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

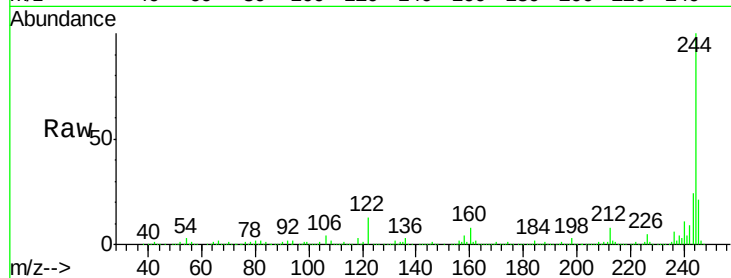




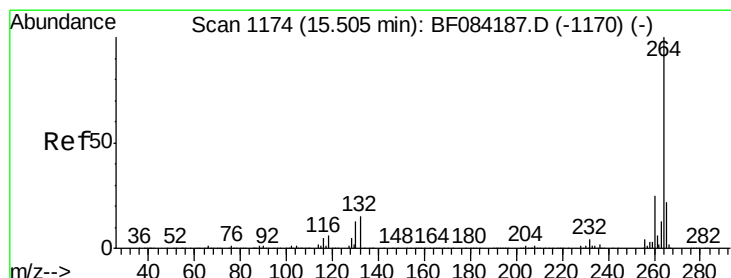
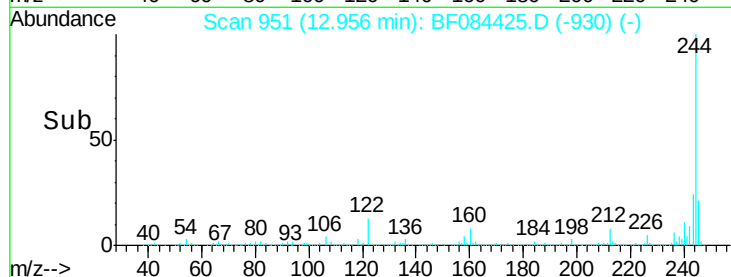
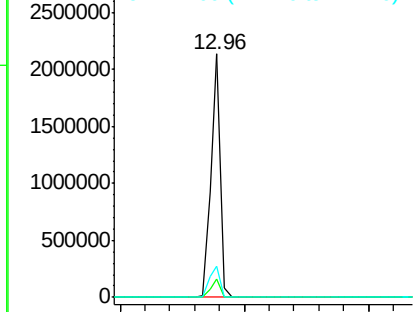
#78
 Terphenyl-d14
 Concen: 79.90 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Instrument :
 BNA_F
 ClientSampled :
 PB87777BL

Tgt Ion:244 Resp: 2182021
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.6 7.4 11.0#

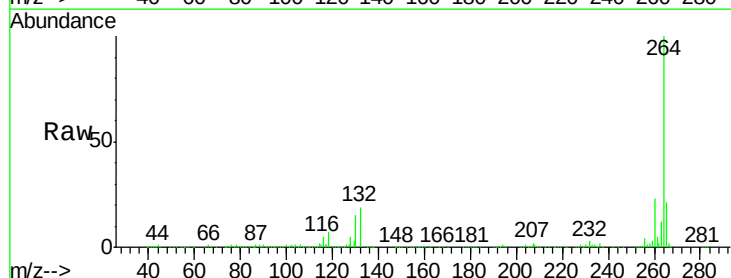


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Tgt Ion:264 Resp: 467381
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.0 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

