

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084435.D
 Acq On : 13 Jan 2016 3:19
 Operator : SJ/UM
 Sample : H1078-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Quant Time: Jan 13 04:51:39 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

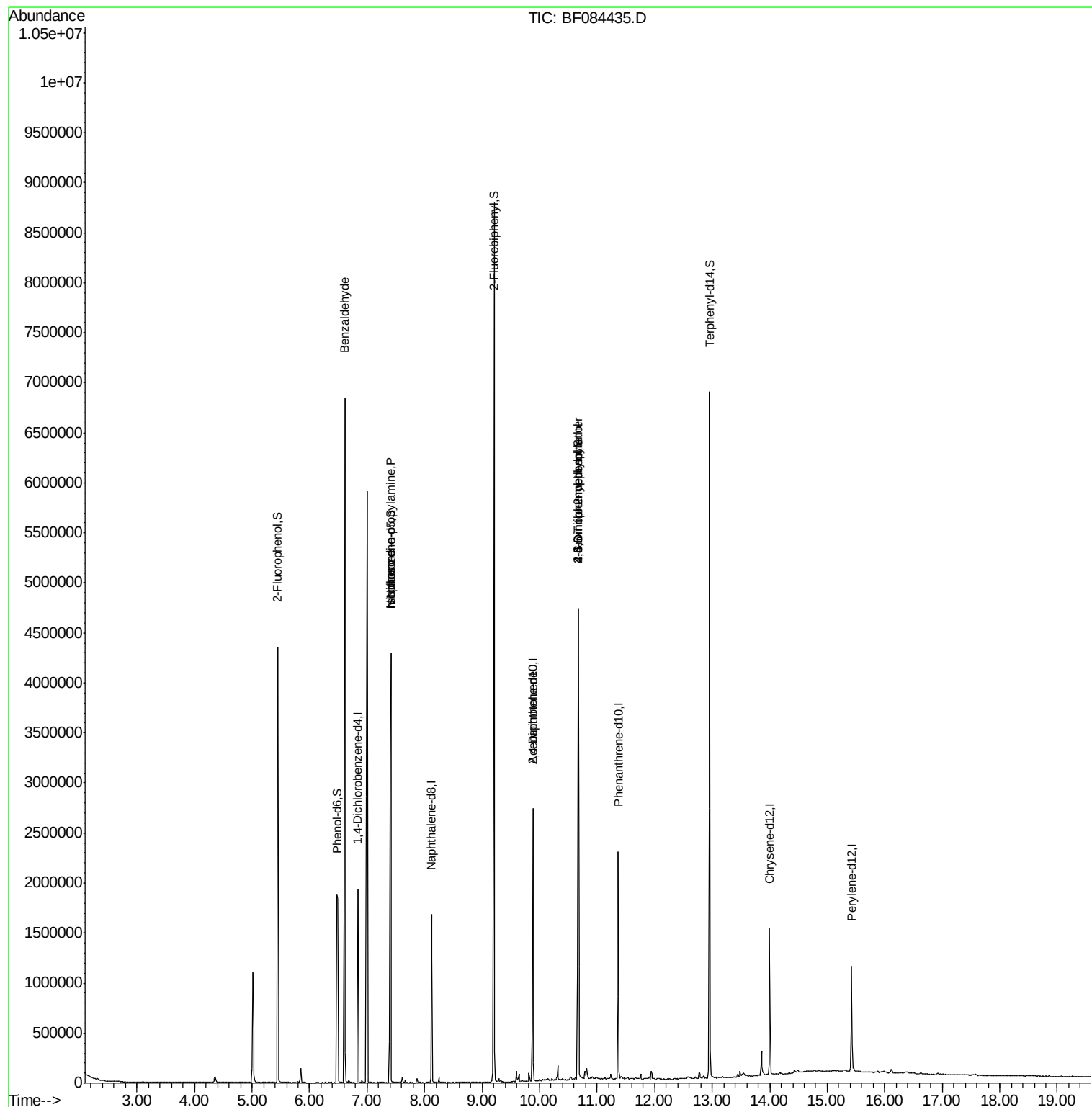
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	269487	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1023307	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	502297	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	853177	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	533013	20.00	ng	-0.07
86) Perylene-d12	15.43	264	465465	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1104138	66.27	ng	-0.04
7) Phenol-d6	6.49	99	967115	46.22	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1862679	101.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	595637	117.46	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2531801	88.96	ng	-0.06
78) Terphenyl-d14	12.96	244	2138940	89.58	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	45178	3.32	ng	# 70
19) n-Nitroso-di-n-propylamine	7.41	70	253256	17.88	ng	# 78
25) Isophorone	7.41	82	1763876	50.16	ng	# 66
54) Dibenzofuran	10.09	168	918	Below Cal	#	58
56) 2,4-Dinitrotoluene	9.88	165	65276	6.55	ng	# 21
57) Fluorene	10.67	166	25009	Below Cal	#	88
64) 4,6-Dinitro-2-methylphenol	10.67	198	1336	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	37191	4.05	ng	# 1
73) Di-n-butylphthalate	11.94	149	3644	Below Cal	#	73

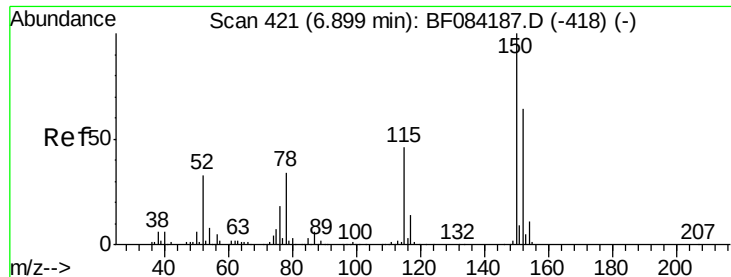
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 04:51:39 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: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

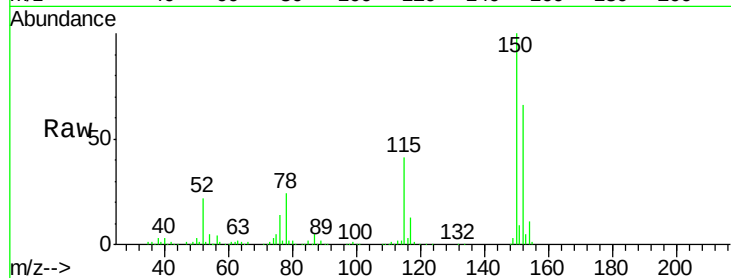
Tgt Ion:152 Resp: 269487

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

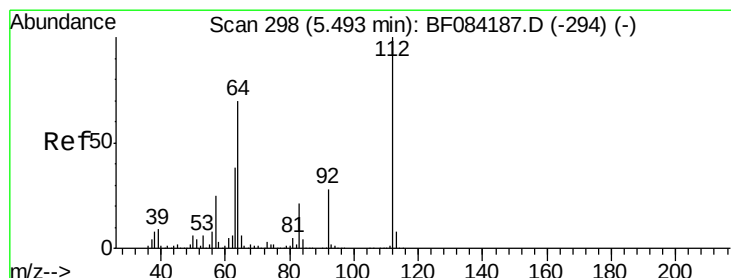
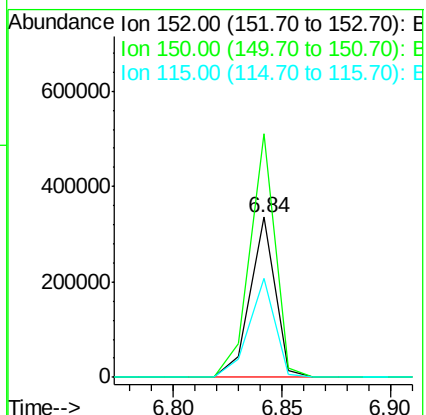
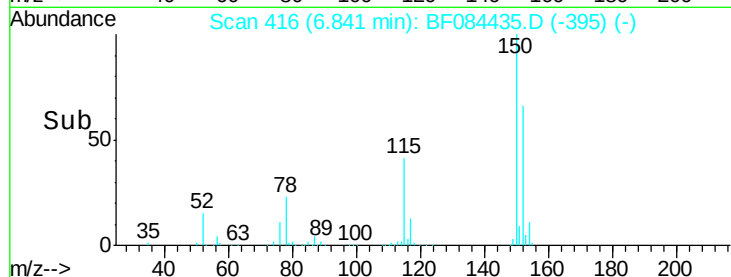
115 62.2 51.4 77.2



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: 66.27 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

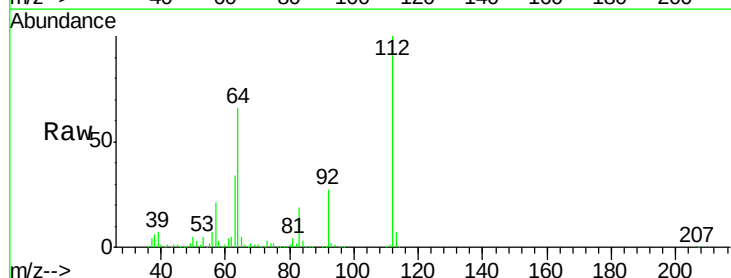
Tgt Ion:112 Resp: 1104138

Ion Ratio Lower Upper

112 100

64 66.4 36.6 55.0#

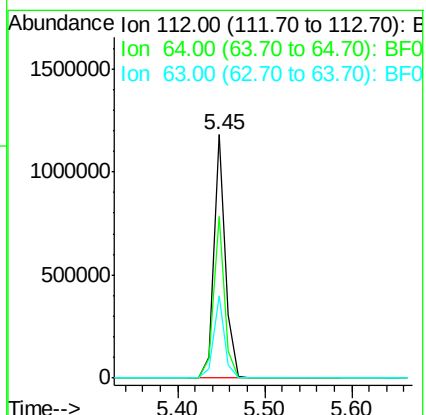
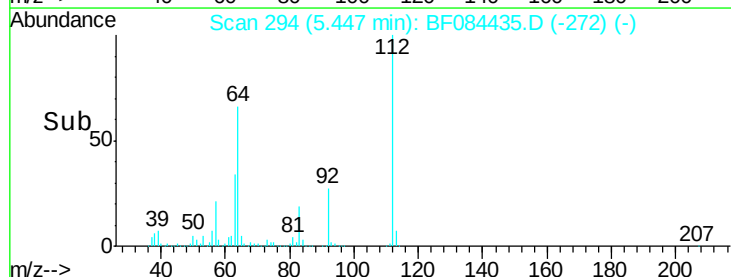
63 33.6 19.4 29.0#

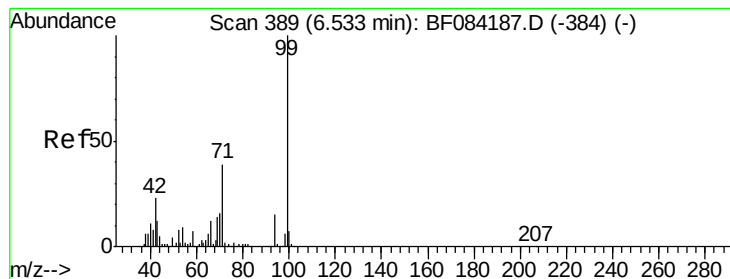


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampled :

P0-010

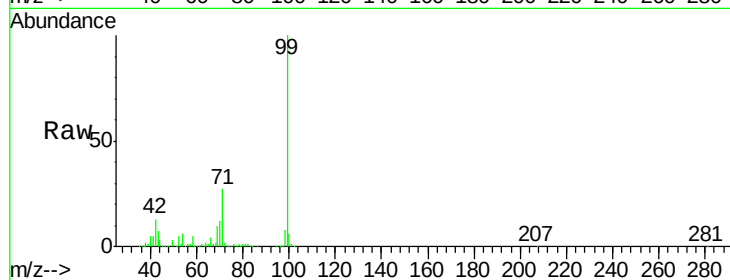
Tgt Ion: 99 Resp: 967115

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

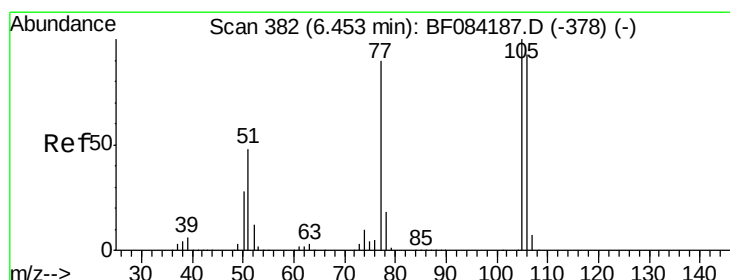
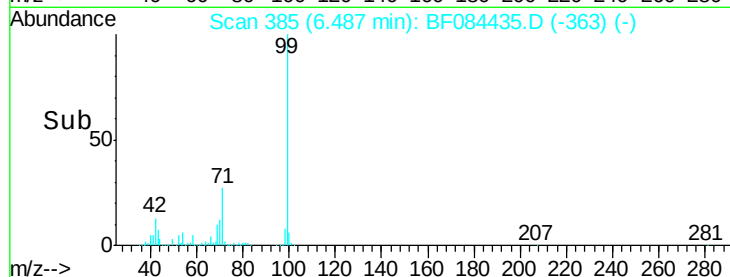
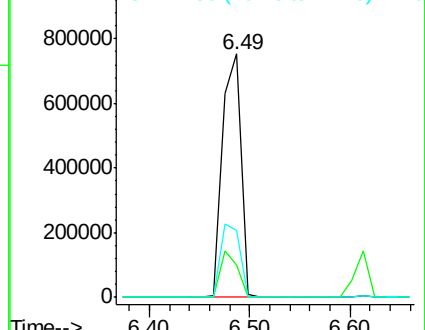
71 27.2 30.9 46.3#



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



#9

Benzaldehyde

Concen: 3.32 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

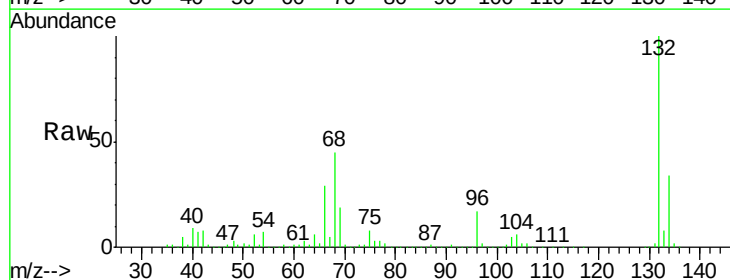
Tgt Ion: 77 Resp: 45178

Ion Ratio Lower Upper

77 100

105 72.6 83.0 123.0#

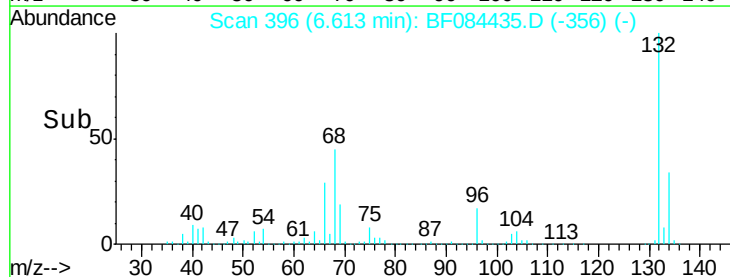
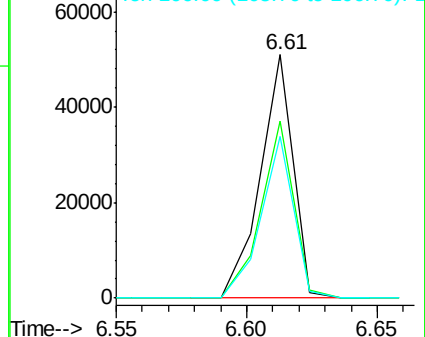
106 66.3 74.6 114.6#

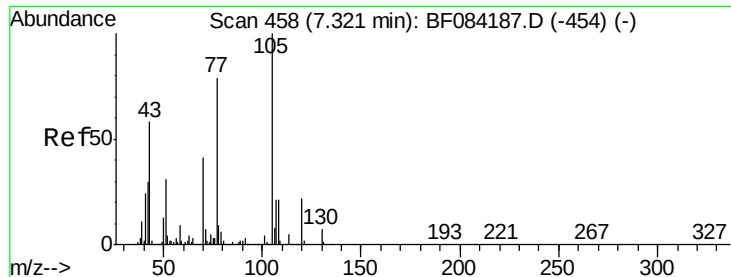


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.88 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.09 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

Tgt Ion: 70 Resp: 253256

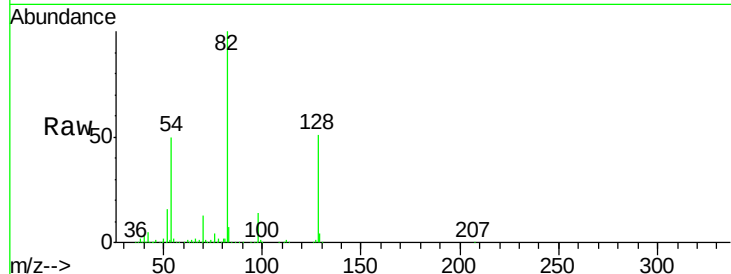
Ion Ratio Lower Upper

70 100

42 41.1 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 23.4 35.0#



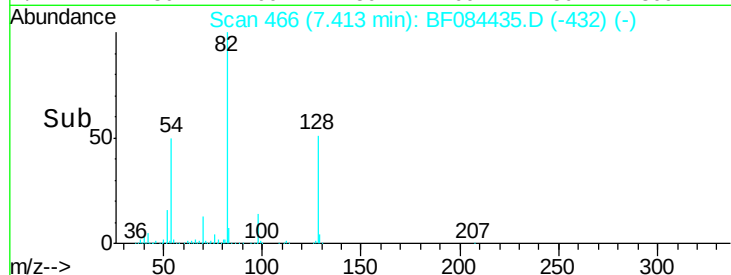
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



Abundance

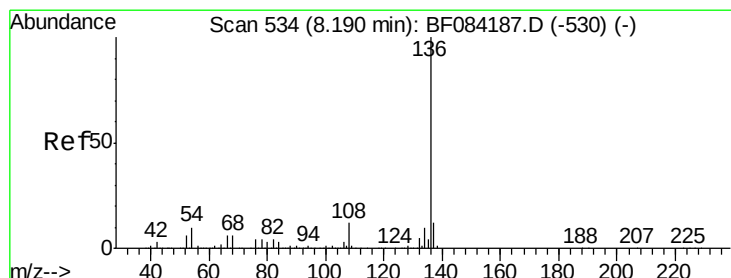
Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Tgt Ion: 136 Resp: 1023307

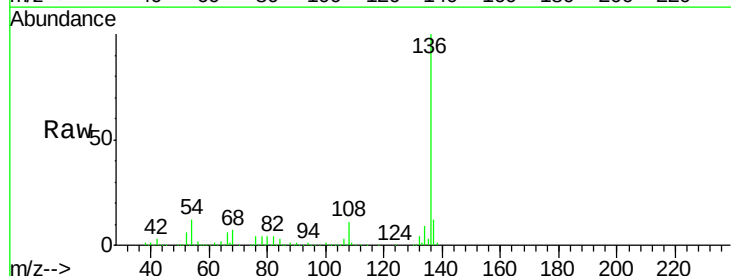
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.9 5.8 8.8#

68 7.4 4.2 6.2#



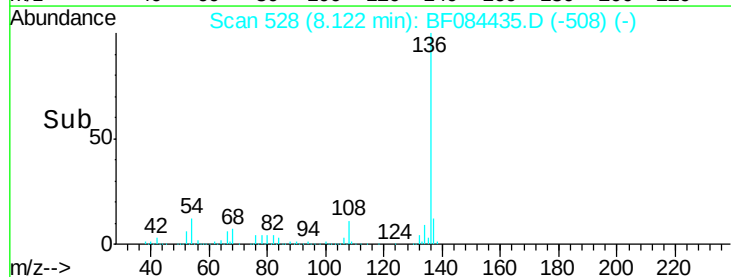
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



Abundance

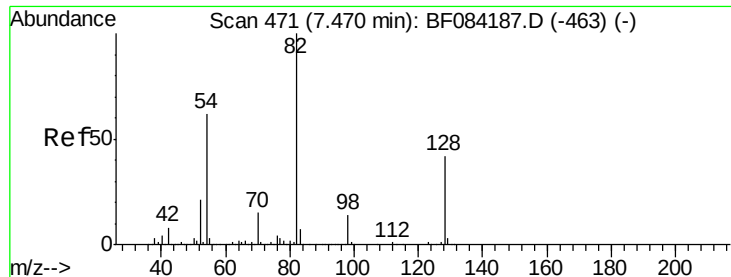
Ion 136.00 (135.70 to 136.70): E

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

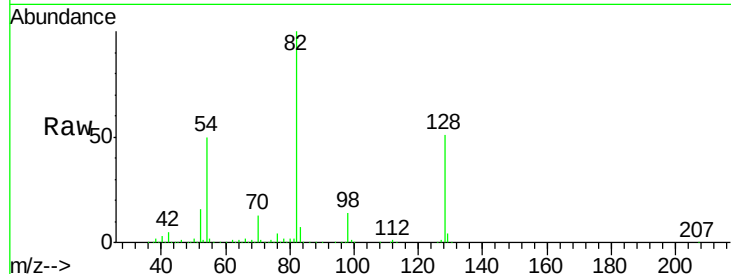
Time-->



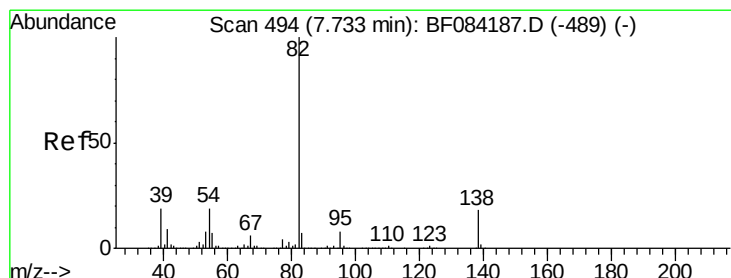
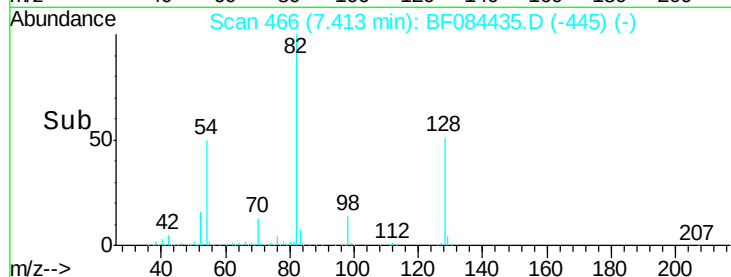
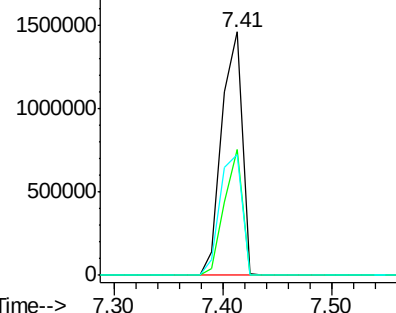
#23
 Nitrobenzene-d5
 Concen: 101.31 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tgt Ion: 82 Resp: 1862679
 Ion Ratio Lower Upper
 82 100
 128 51.5 34.6 51.8
 54 49.7 38.4 57.6

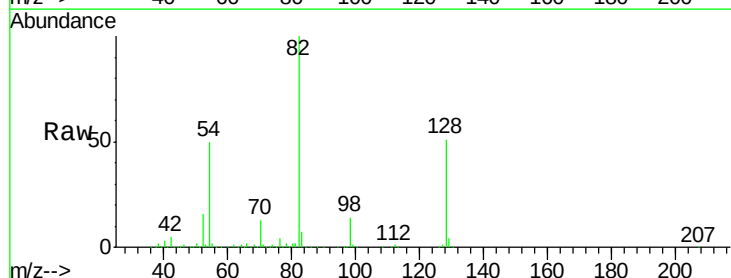


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

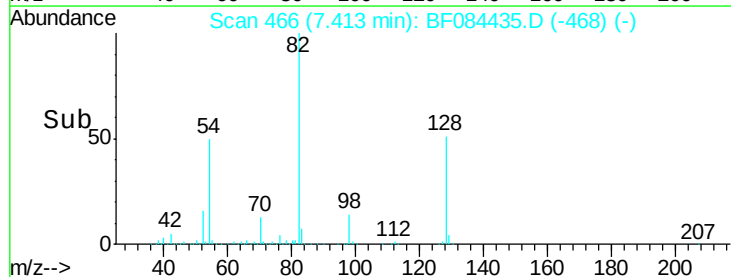
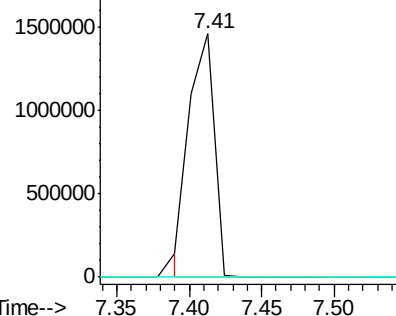


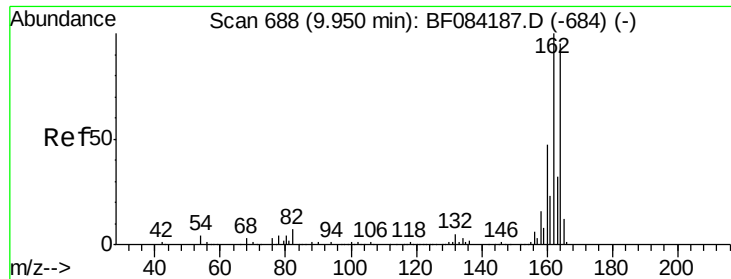
#25
 Isophorone
 Concen: 50.16 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.32 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Tgt Ion: 82 Resp: 1763876
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

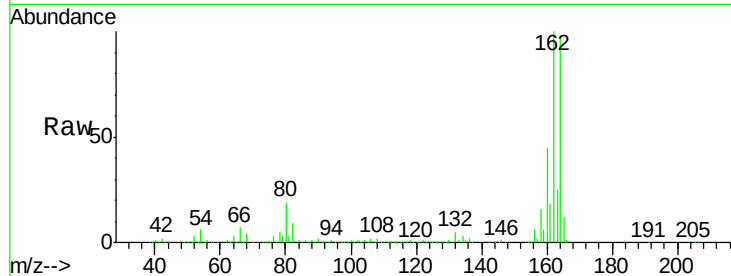
Tgt Ion:164 Resp: 502297

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

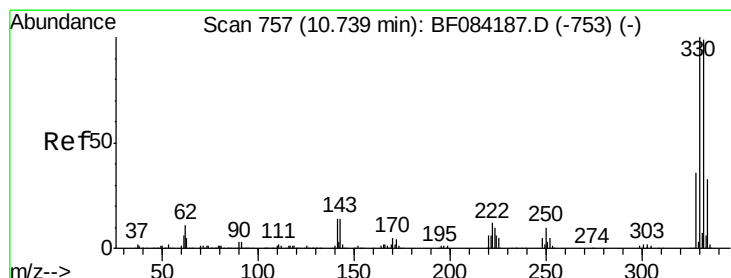
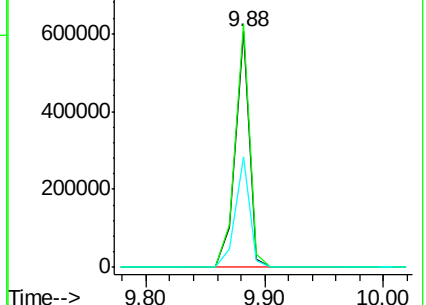
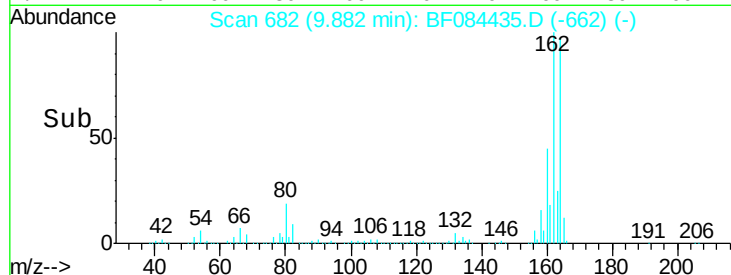
160 46.9 37.5 56.3



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: 117.46 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

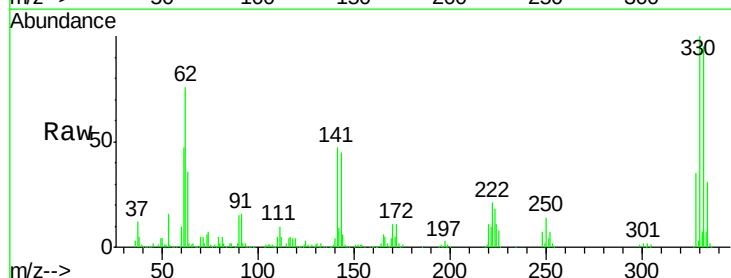
Tgt Ion:330 Resp: 595637

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

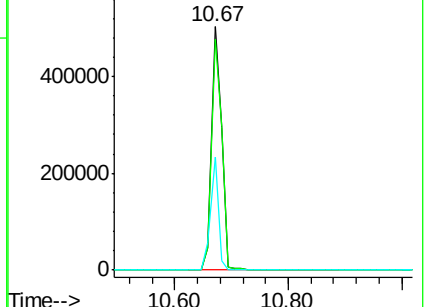
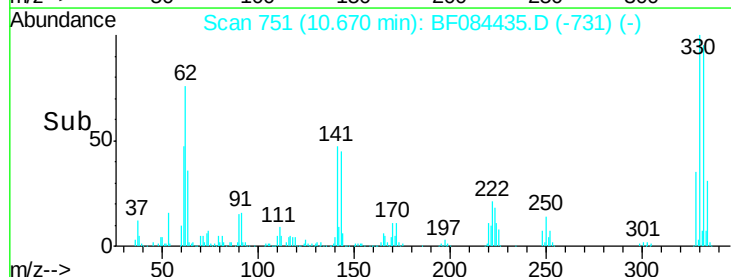
141 36.4 27.8 41.6

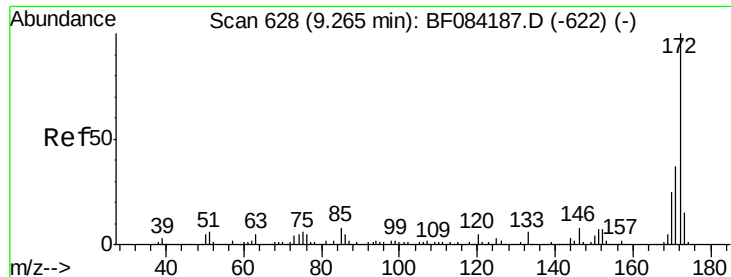


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

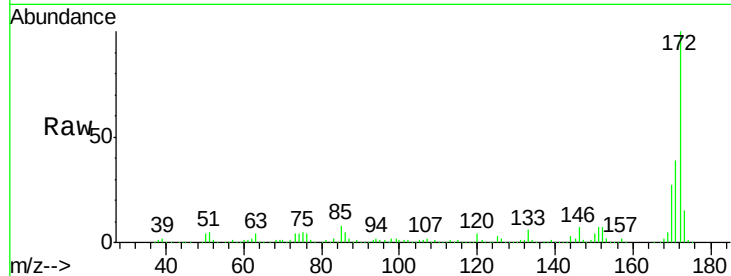




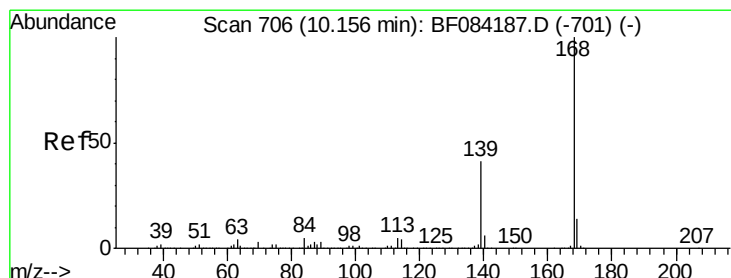
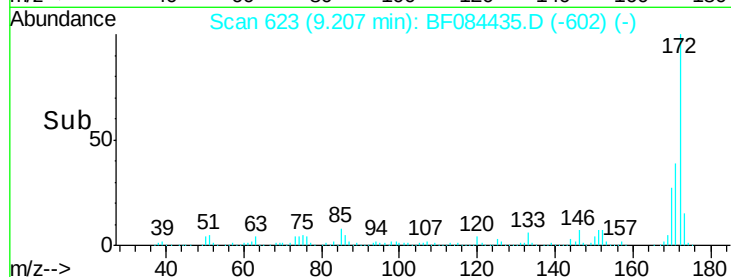
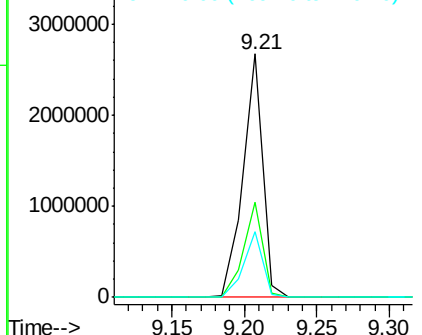
#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tgt Ion:172 Resp: 2531801
 Ion Ratio Lower Upper
 172 100
 171 39.0 28.9 43.3
 170 26.7 18.6 27.8

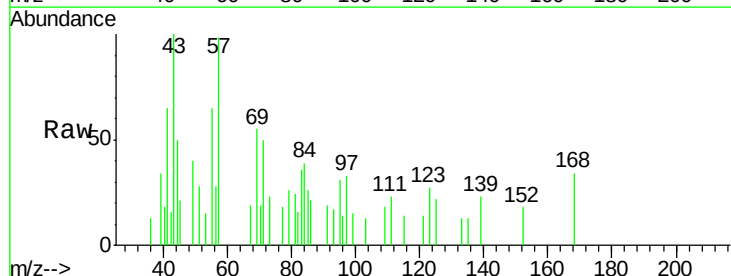


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

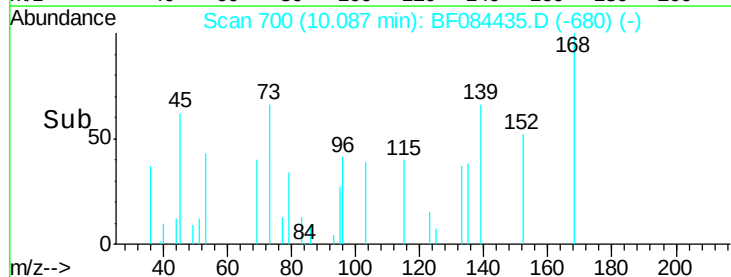
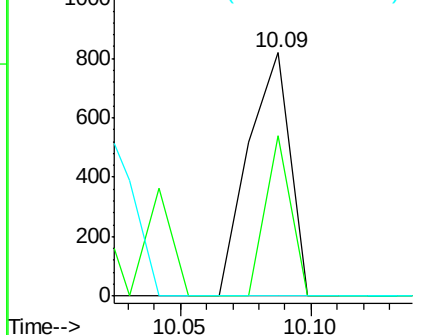


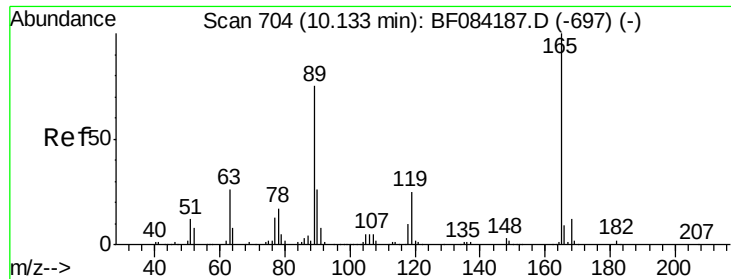
#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.09 min Scan# 700
 Delta R.T. -0.07 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Tgt Ion:168 Resp: 918
 Ion Ratio Lower Upper
 168 100
 139 65.7 30.5 45.7#
 169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

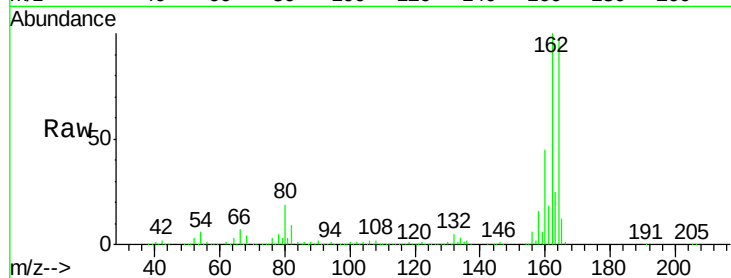




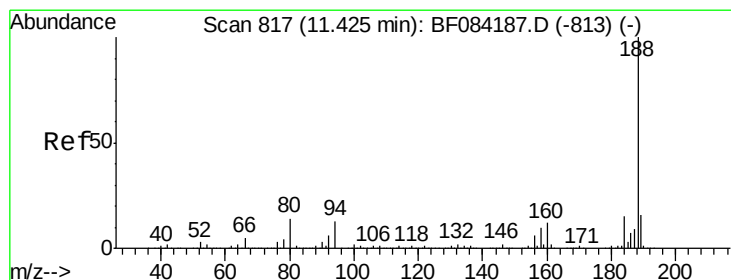
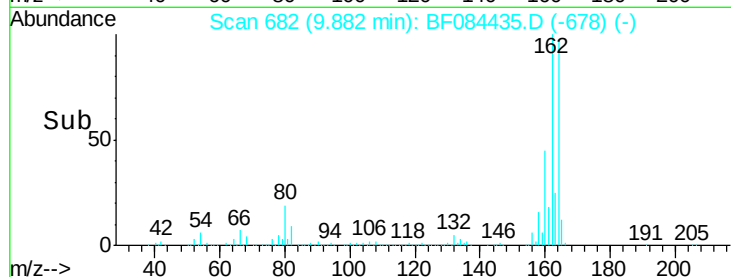
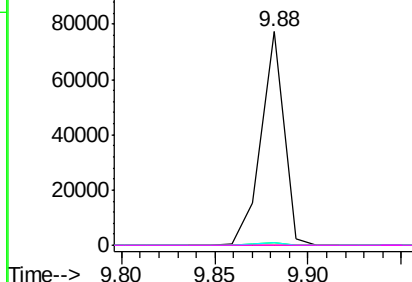
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tgt Ion:165 Resp: 65276
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.4 61.9 92.9#
 182 0.0 2.0 3.0#

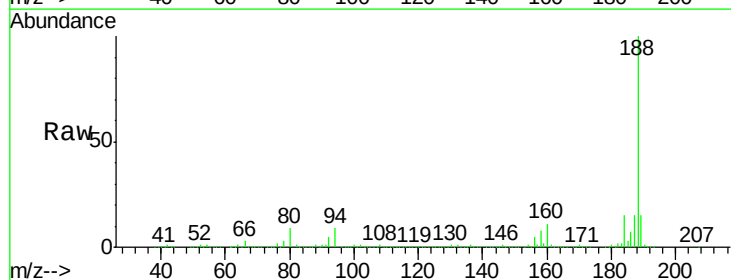


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 100000
 80000
 60000
 40000
 20000
 0

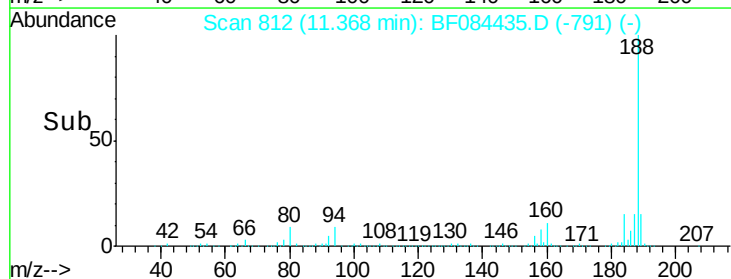
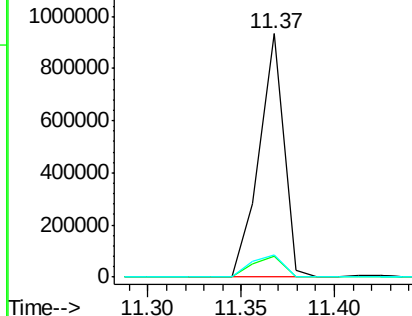


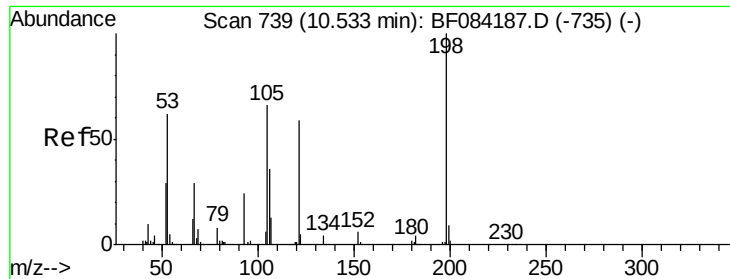
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Tgt Ion:188 Resp: 853177
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.4#
 80 9.0 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 1200000
 1000000
 800000
 600000
 400000
 200000
 0

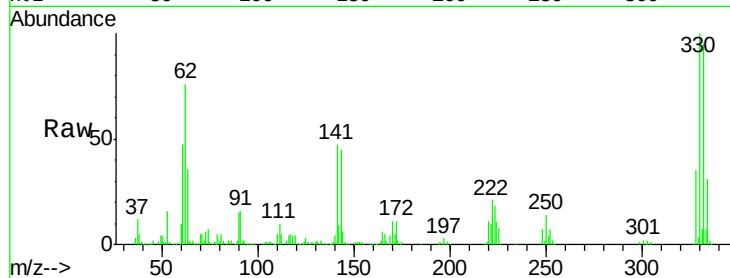




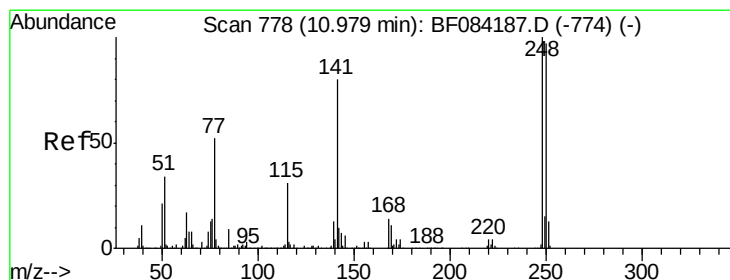
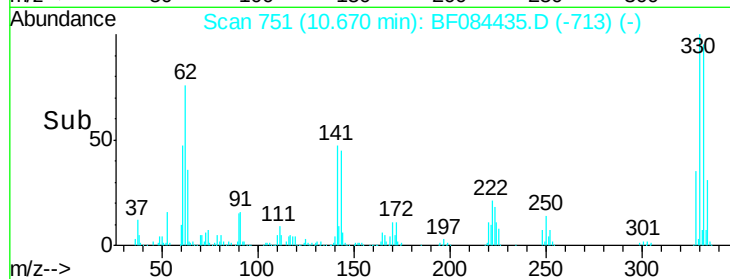
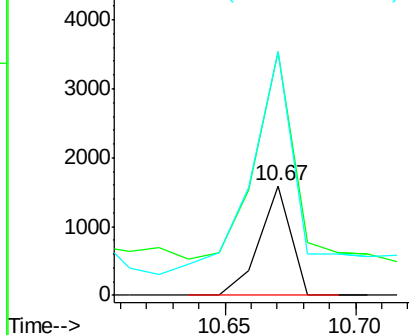
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tgt Ion:198 Resp: 1336
 Ion Ratio Lower Upper
 198 100
 51 222.0 18.9 58.9#
 105 221.9 26.4 66.4#

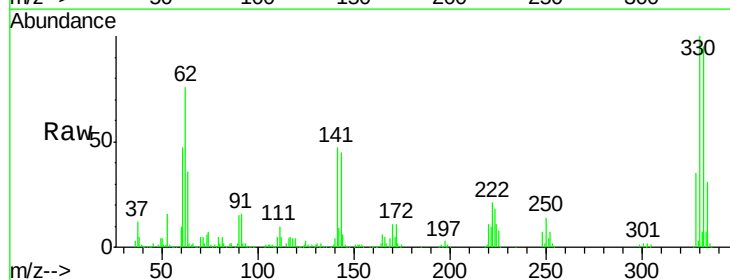


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

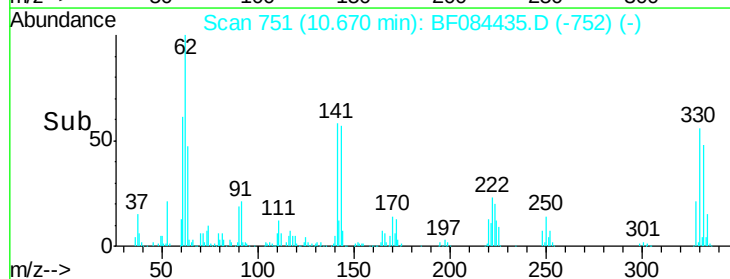
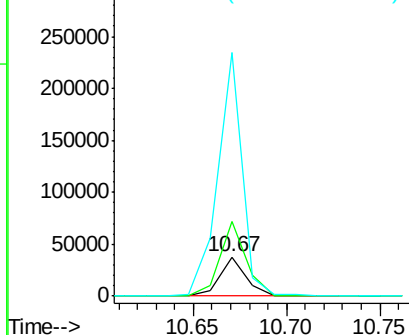


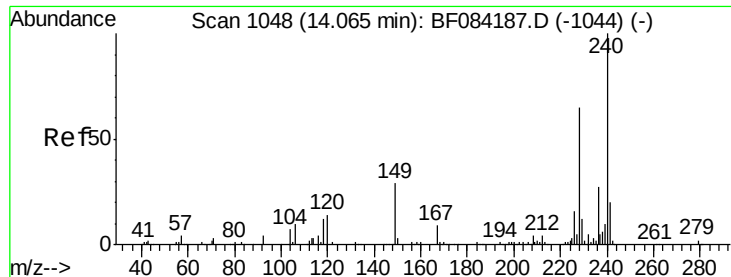
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.31 min
 Lab File: BF084435.D
 Acq: 13 Jan 2016 3:19

Tgt Ion:248 Resp: 37191
 Ion Ratio Lower Upper
 248 100
 250 193.0 78.4 117.6#
 141 626.5 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: BF084435.D

Acq: 13 Jan 2016 3:19

Instrument :

BNA_F

ClientSampleId :

P0-010

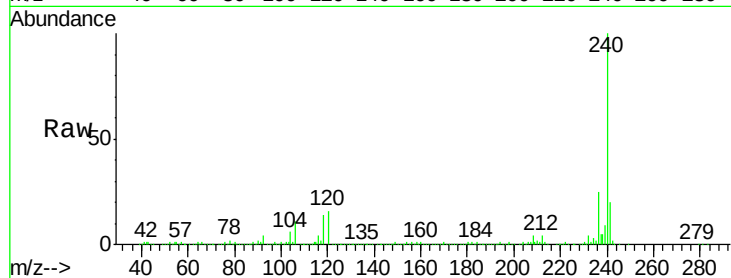
Tgt Ion:240 Resp: 533013

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

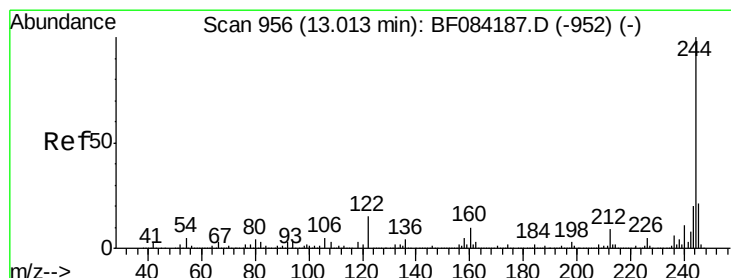
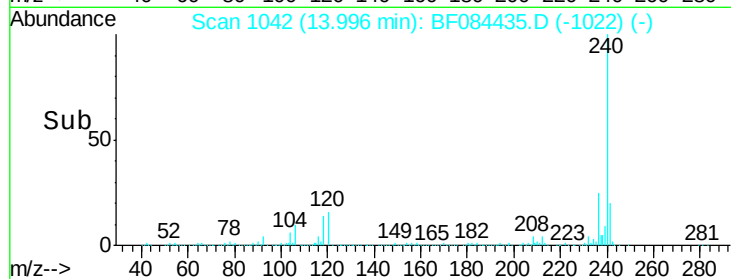
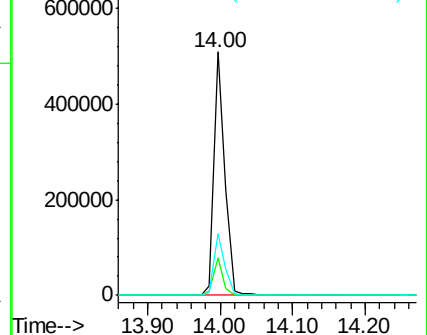
236 25.3 20.6 31.0



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: 89.58 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084435.D

Acq: 13 Jan 2016 3:19

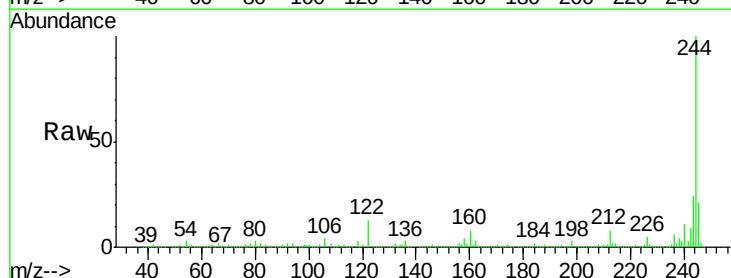
Tgt Ion:244 Resp: 2138940

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

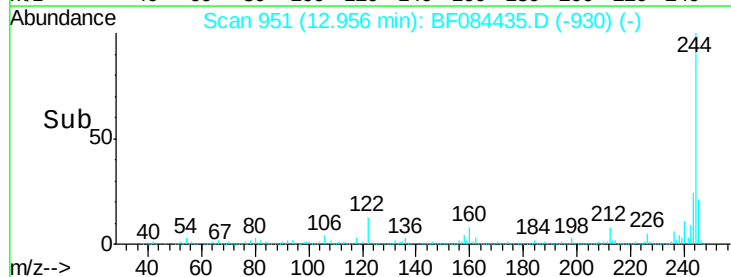
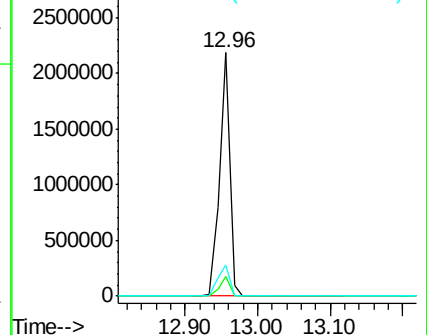
122 12.6 7.4 11.0#

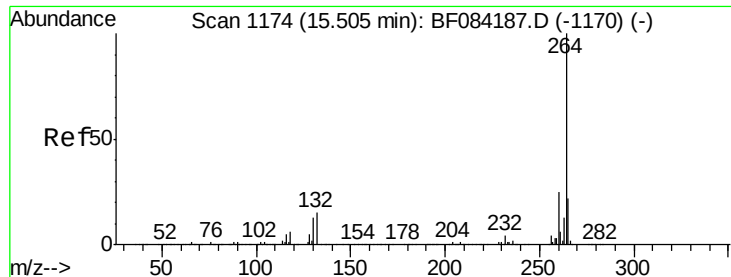


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084435.D
Acq: 13 Jan 2016 3:19

Instrument :
BNA_F
ClientSampleId :
P0-010

Tgt Ion: 264 Resp: 465465
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.8 17.8 26.6

