

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084300.D
 Acq On : 6 Jan 2016 20:10
 Operator : SJ/UM
 Sample : H1017-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jan 07 00:15:12 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

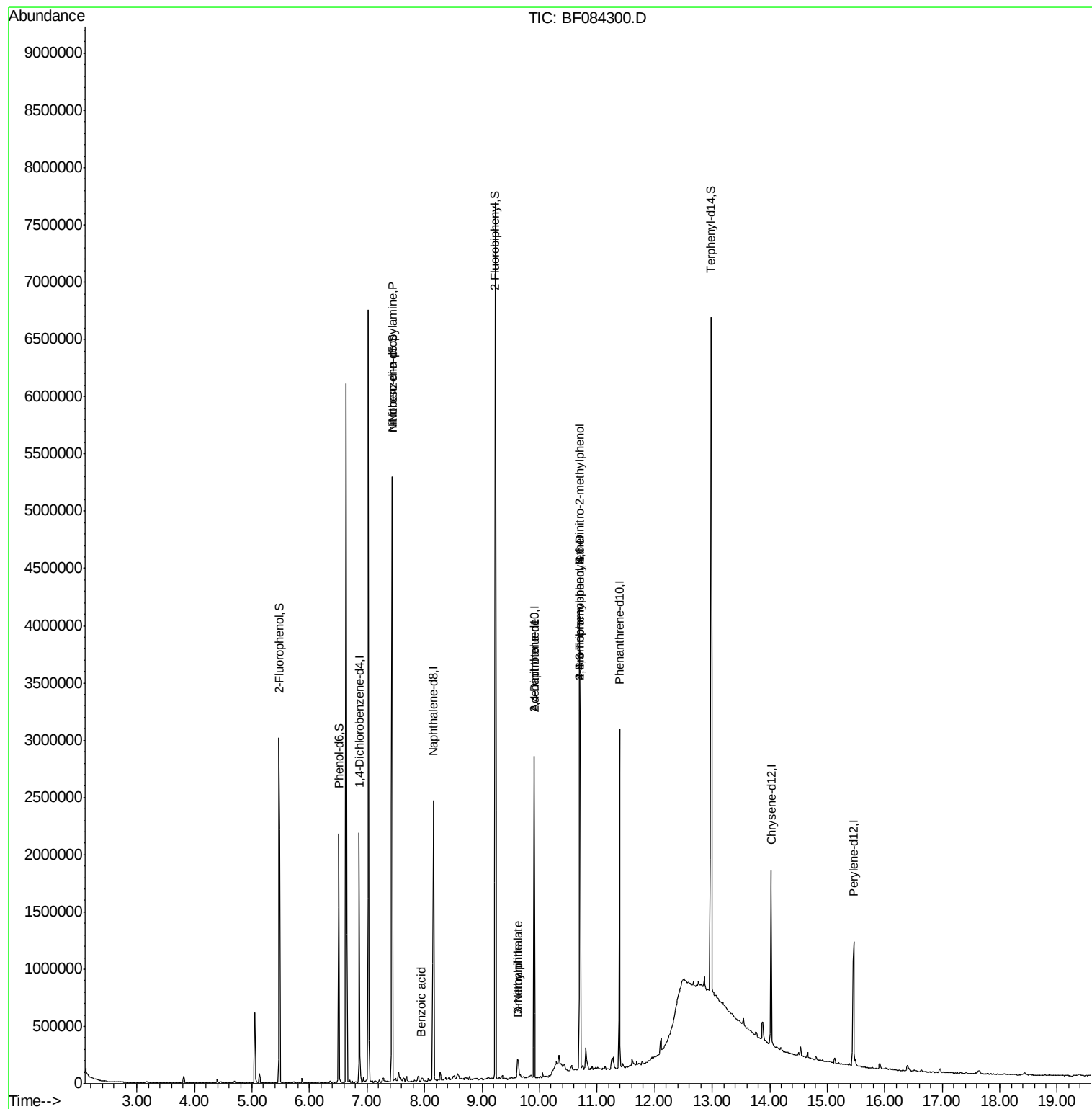
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272286	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1174444	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	517405	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	952860	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	780269	20.00	ng	-0.03
86) Perylene-d12	15.46	264	573839	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1065441	63.29	ng	-0.02
7) Phenol-d6	6.51	99	914695	43.26	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1777762	84.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	704163	134.80	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2610042	89.04	ng	-0.03
78) Terphenyl-d14	12.98	244	2279088	65.20	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	262188	18.32	ng	# 71
32) Benzoic acid	7.94	122	213	6.26	ng	# 72
49) Dimethylphthalate	9.63	163	74255	2.01	ng	# 89
52) 3-Nitroaniline	9.62	138	35978	3.58	ng	# 46
54) Dibenzofuran	10.11	168	552	Below Cal	#	82
56) 2,4-Dinitrotoluene	9.90	165	67010	6.53	ng	# 21
57) Fluorene	10.45	166	1579	Below Cal	#	79
64) 4,6-Dinitro-2-methylphenol	10.69	198	1756	6.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	43218	4.21	ng	# 1
73) Di-n-butylphthalate	11.96	149	7764	Below Cal	#	85

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

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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



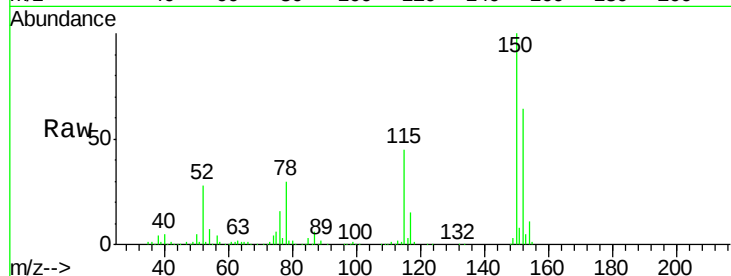


#1

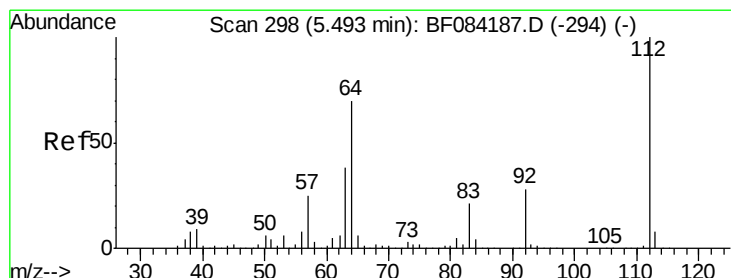
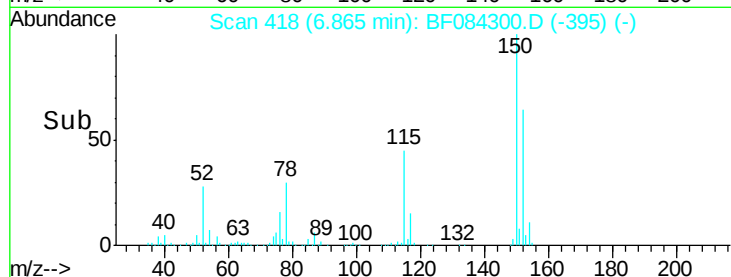
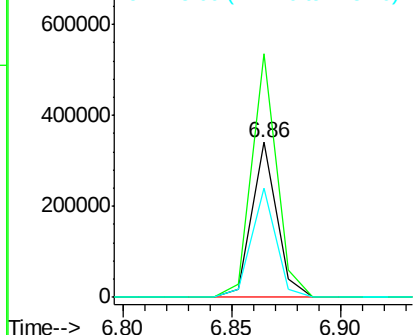
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion:152 Resp: 272286
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 70.1 51.4 77.2



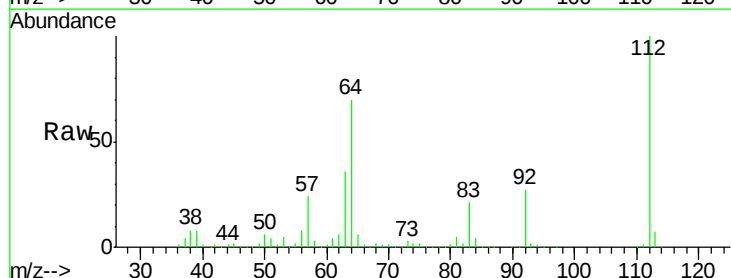
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



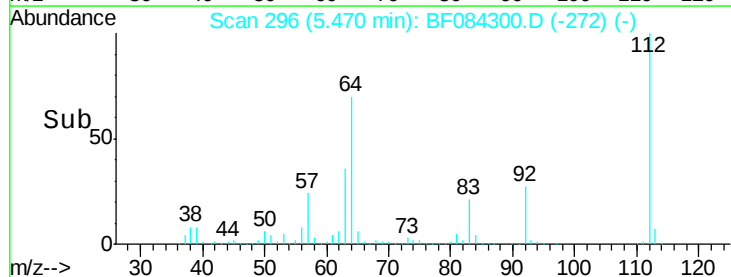
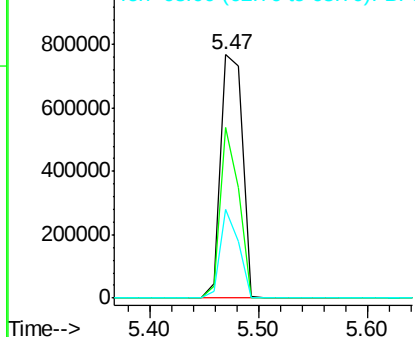
#5

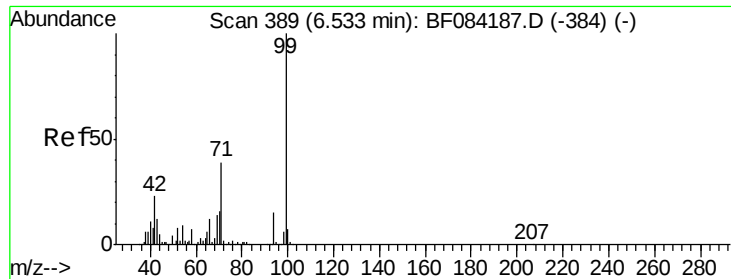
2-Fluorophenol
Concen: 63.29 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Tgt Ion:112 Resp: 1065441
Ion Ratio Lower Upper
112 100
64 70.0 36.6 55.0#
63 36.3 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: 43.26 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampled :

W-27

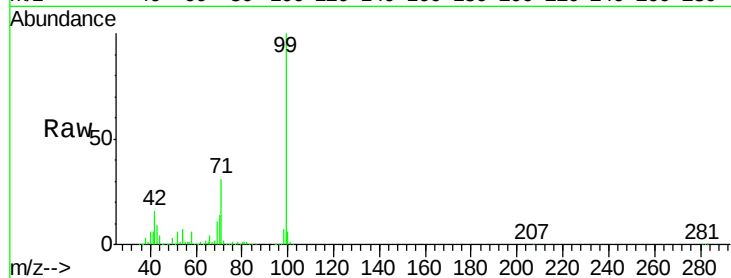
Tgt Ion: 99 Resp: 914695

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

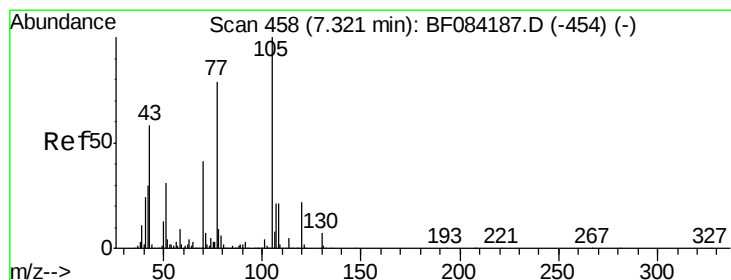
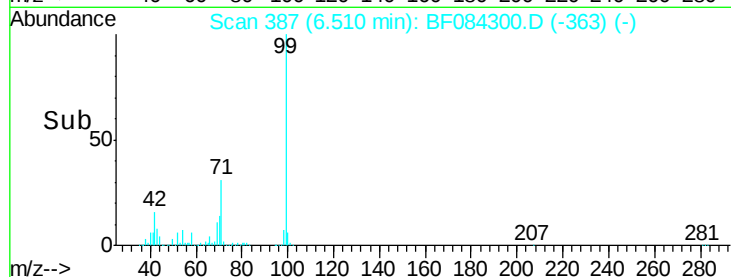
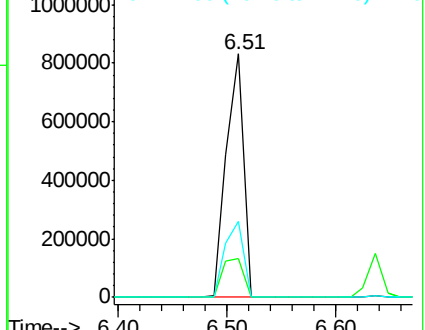
71 31.2 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.32 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Tgt Ion: 70 Resp: 262188

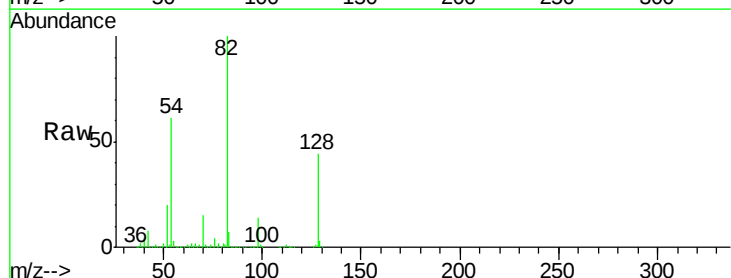
Ion Ratio Lower Upper

70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

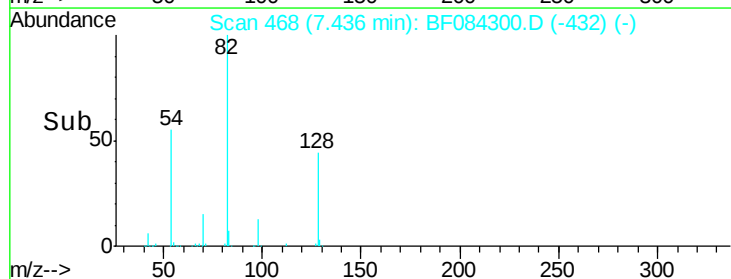
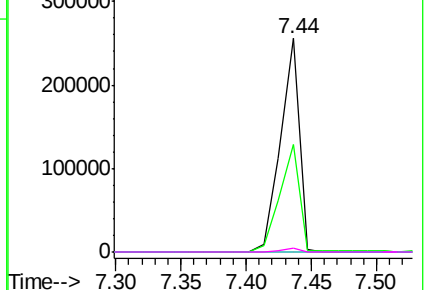


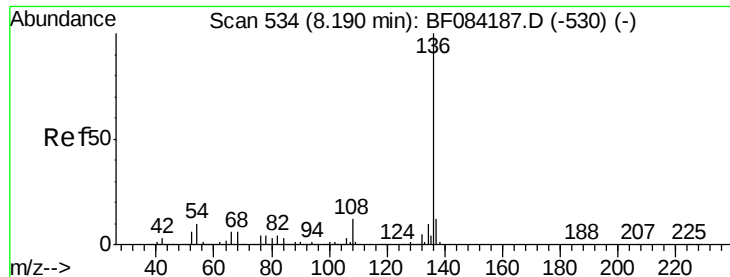
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

Tgt Ion:136 Resp: 1174444

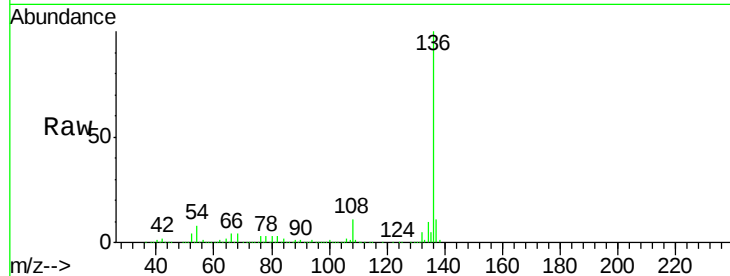
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 5.8 8.8

68 4.3 4.2 6.2

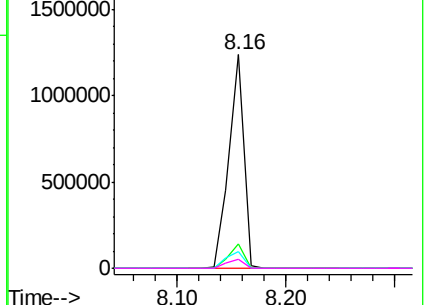
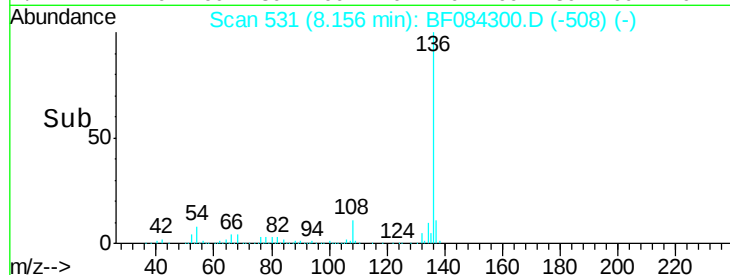


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.25 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

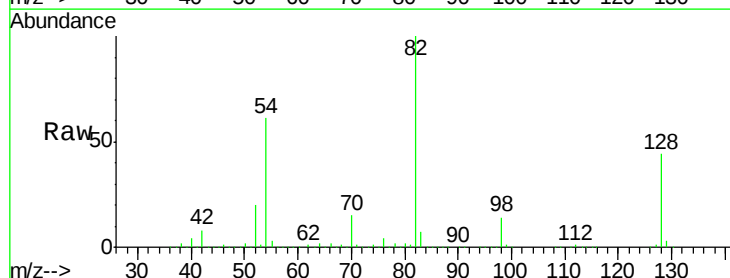
Tgt Ion: 82 Resp: 1777762

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

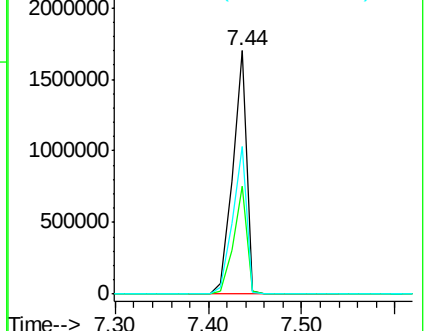
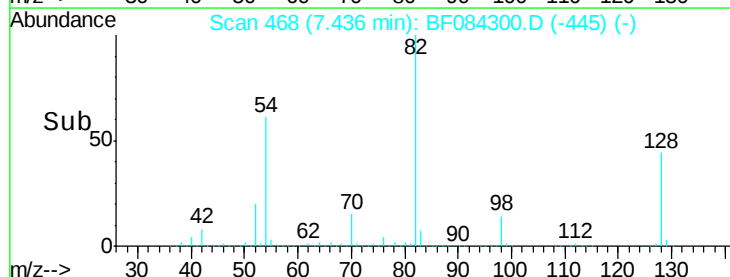
54 60.8 38.4 57.6#



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





#32

Benzoic acid

Concen: 6.26 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampled :

W-27

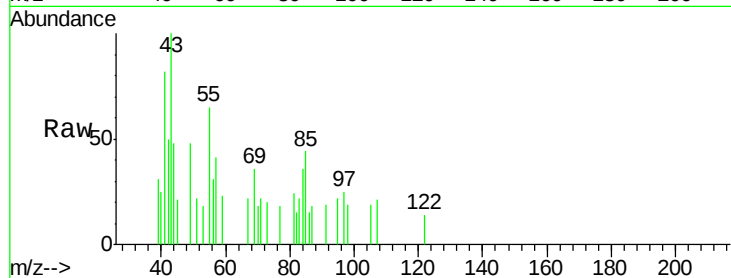
Tgt Ion:122 Resp: 213

Ion Ratio Lower Upper

122 100

105 136.3 100.3 140.3

77 126.7 63.5 103.5#



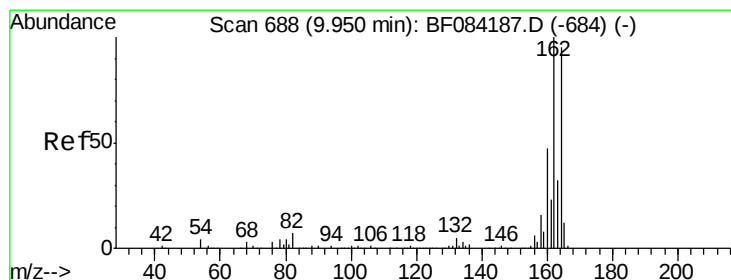
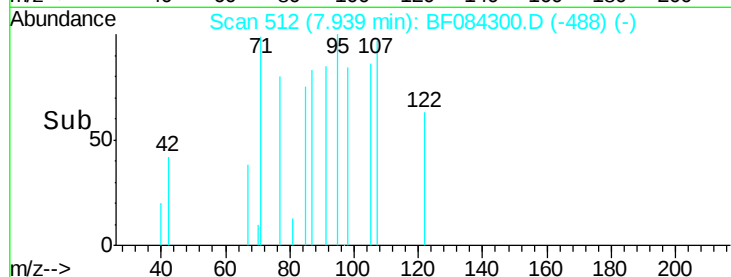
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

7.94

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

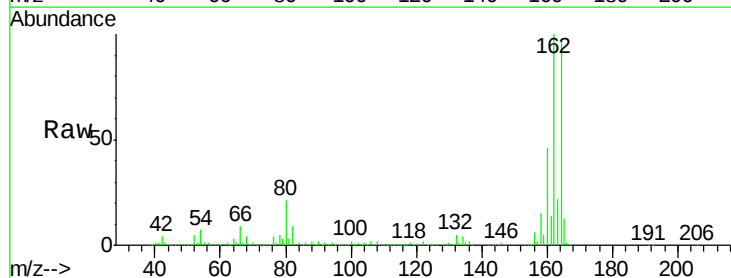
Tgt Ion:164 Resp: 517405

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

160 47.5 37.5 56.3



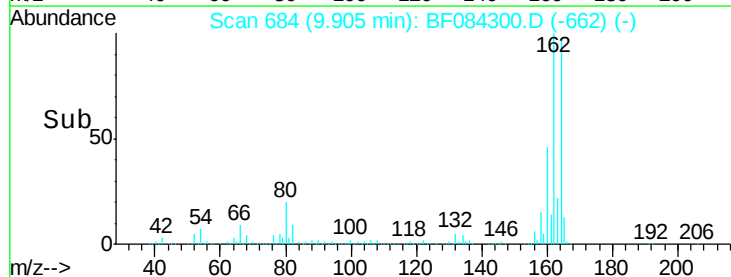
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.90

Time-->

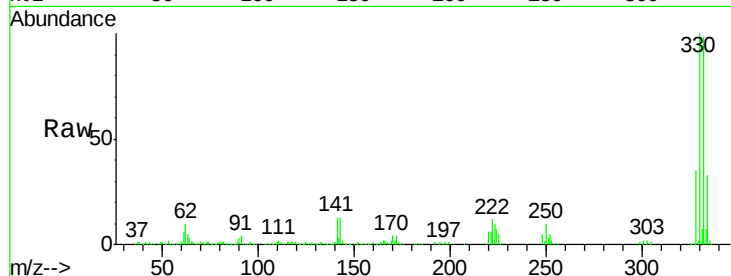




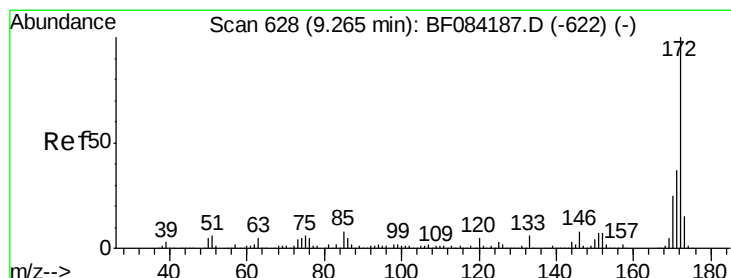
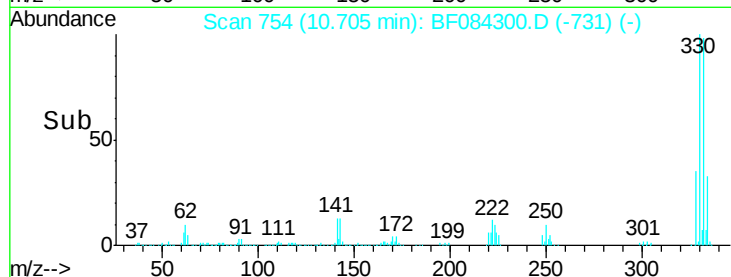
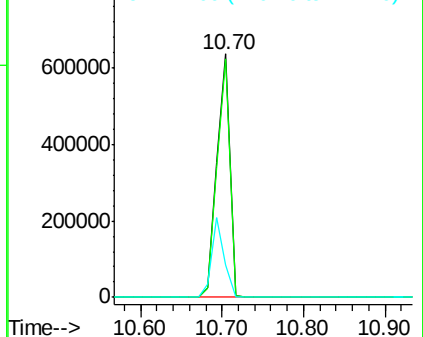
#41
 2,4,6-Tribromophenol
 Concen: 134.80 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tgt Ion:330 Resp: 704163
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 32.1 27.8 41.6

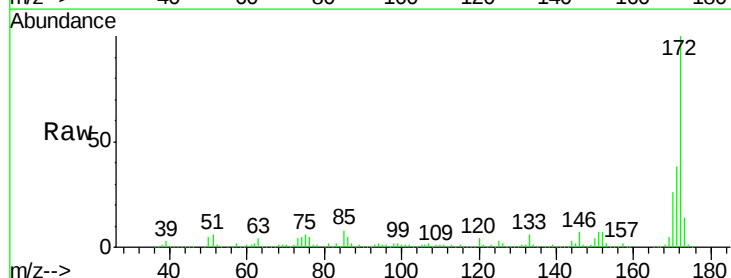


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

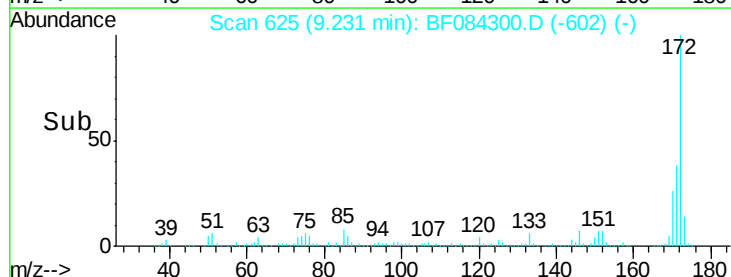
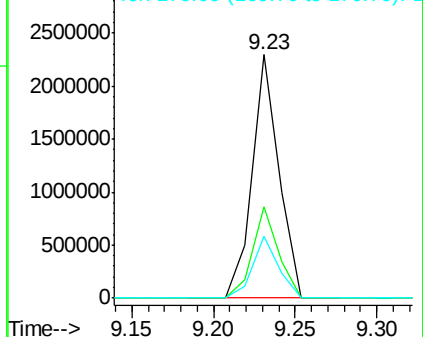


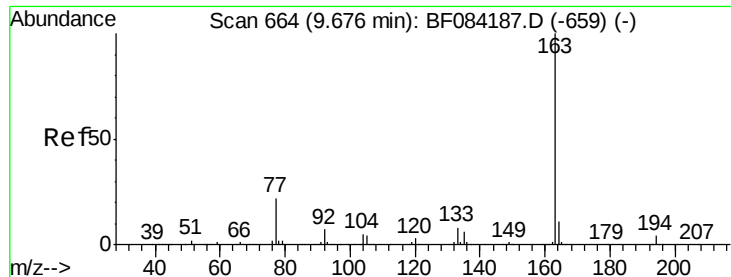
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

Tgt Ion:172 Resp: 2610042
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.5 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

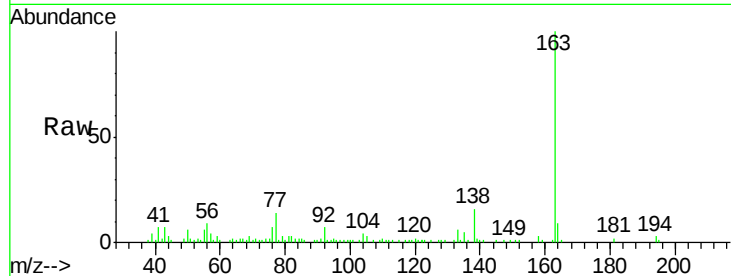




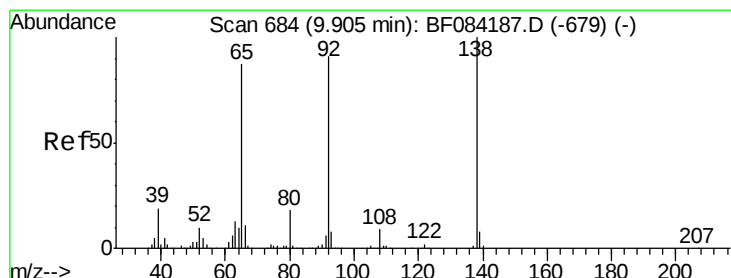
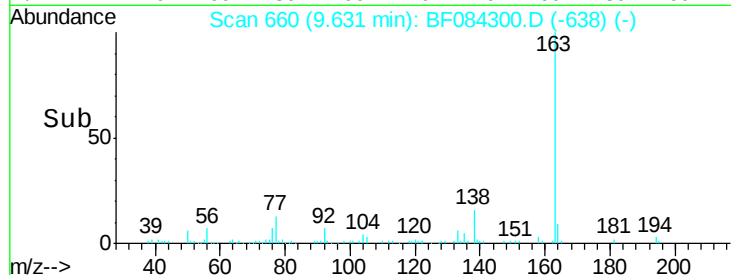
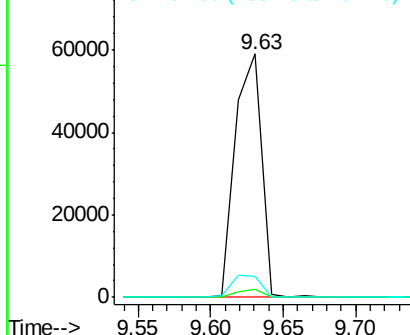
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion:163 Resp: 74255
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 8.6 8.0 12.0

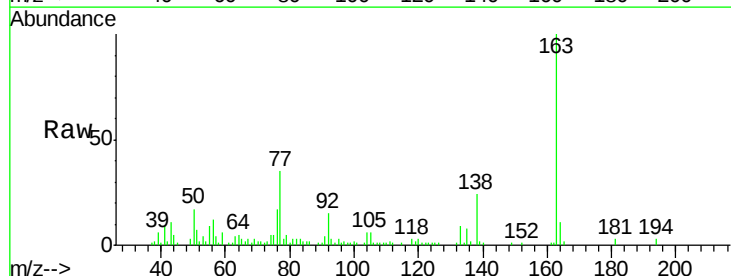


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

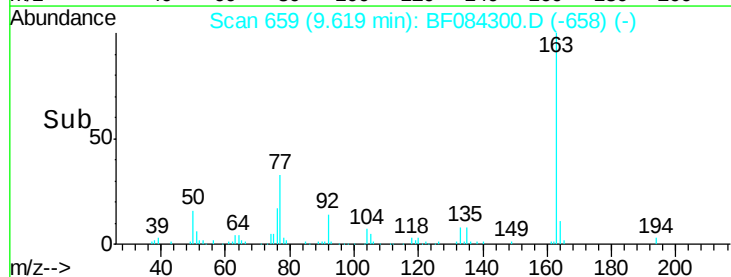
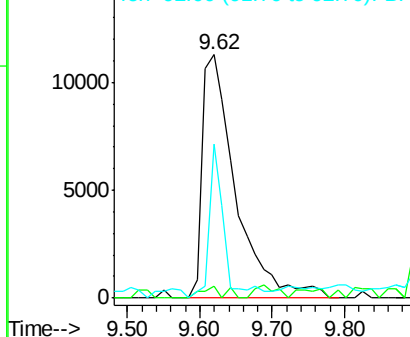


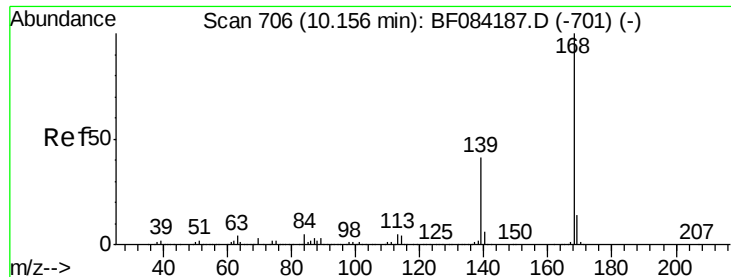
#52
3-Nitroaniline
Concen: 3.58 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.29 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Tgt Ion:138 Resp: 35978
Ion Ratio Lower Upper
138 100
108 5.1 10.5 15.7#
92 63.5 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: Below Cal

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampled :

W-27

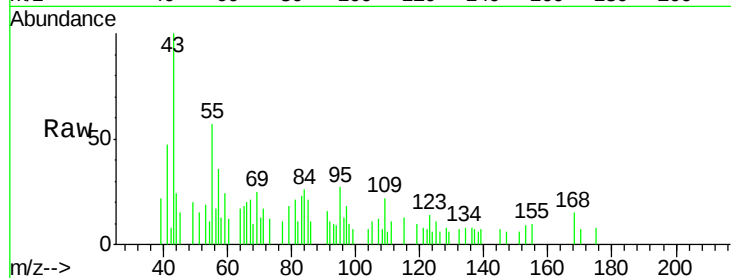
Tgt Ion:168 Resp: 552

Ion Ratio Lower Upper

168 100

139 46.0 30.5 45.7#

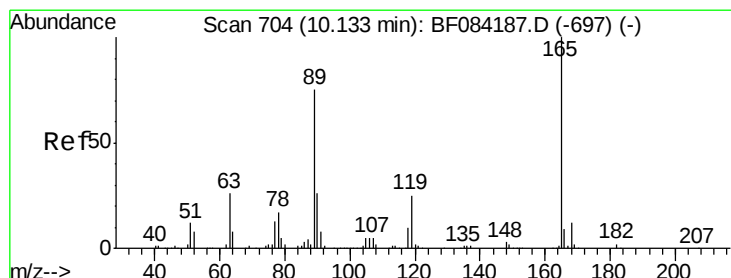
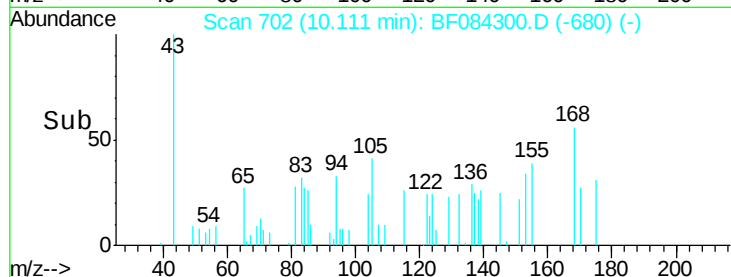
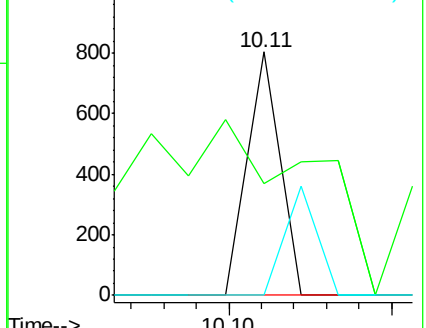
169 0.0 10.4 15.6#



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: 6.53 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.23 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Tgt Ion:165 Resp: 67010

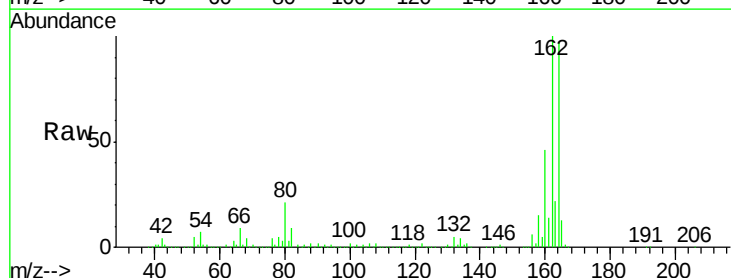
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

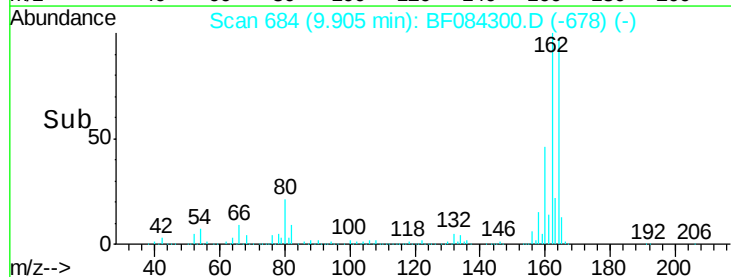
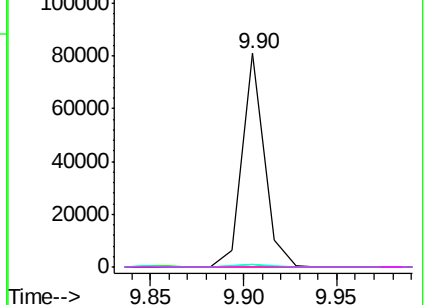


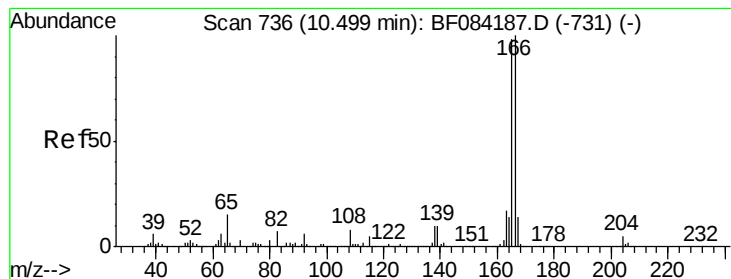
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

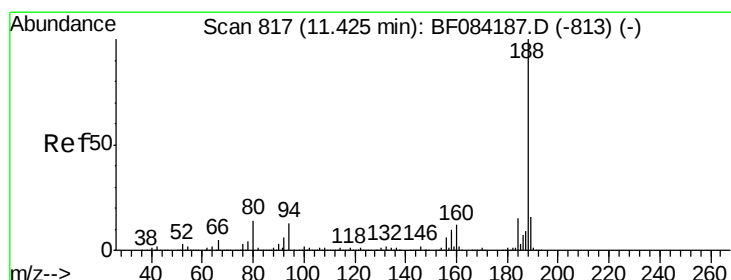
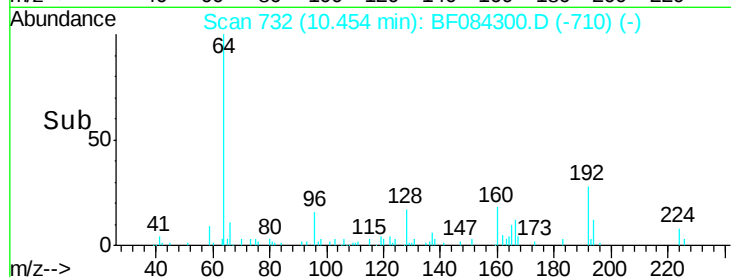
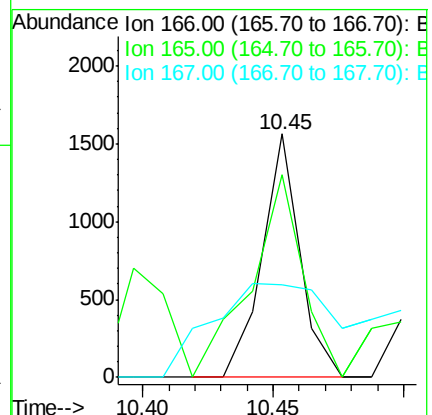
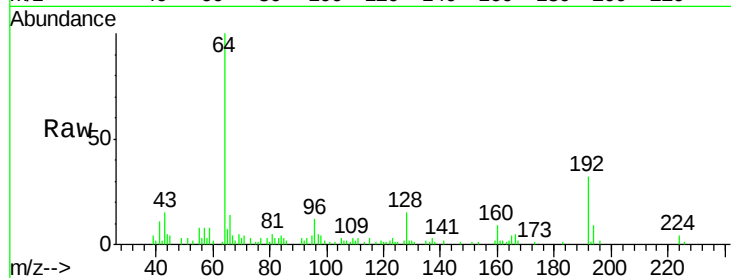
Tgt Ion:166 Resp: 1579

Ion Ratio Lower Upper

166 100

165 83.5 79.1 118.7

167 38.0 10.4 15.6#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

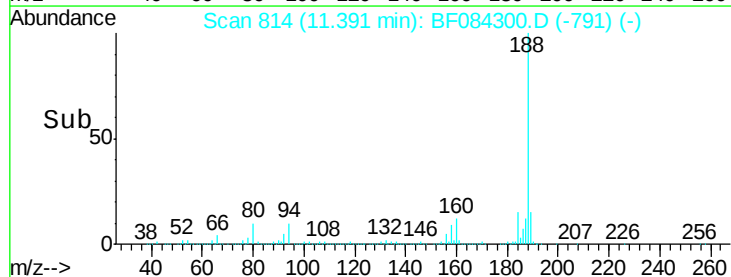
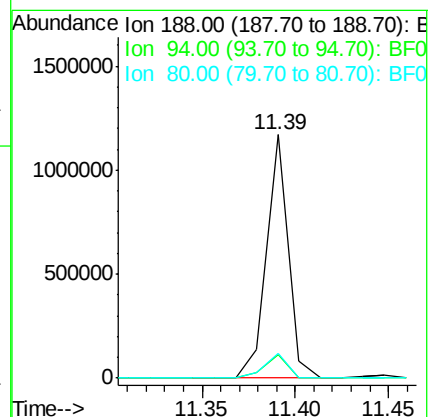
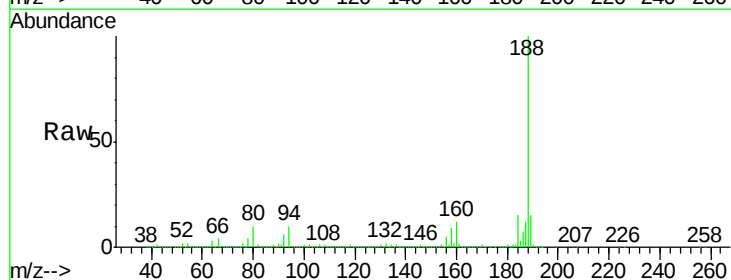
Tgt Ion:188 Resp: 952860

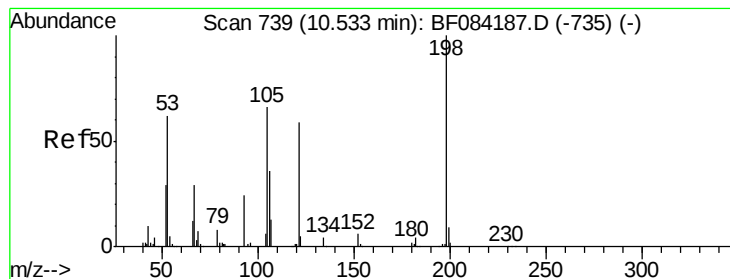
Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

80 10.3 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.65 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

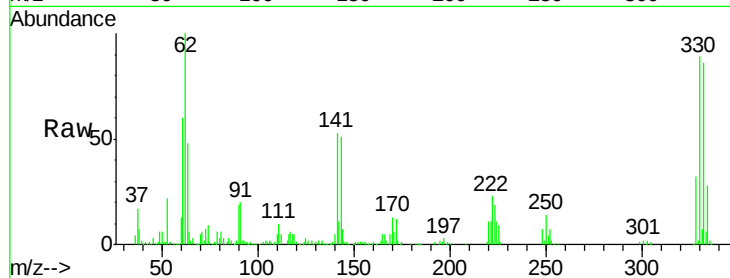
Tgt Ion:198 Resp: 1756

Ion Ratio Lower Upper

198 100

51 319.6 18.9 58.9#

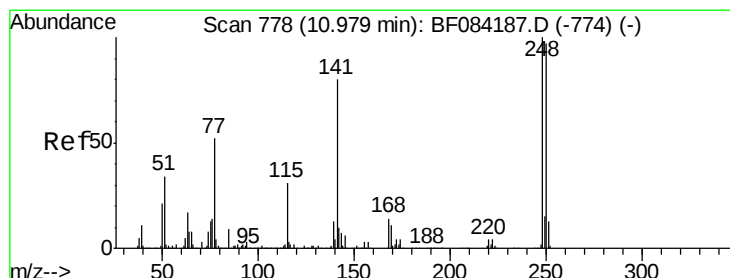
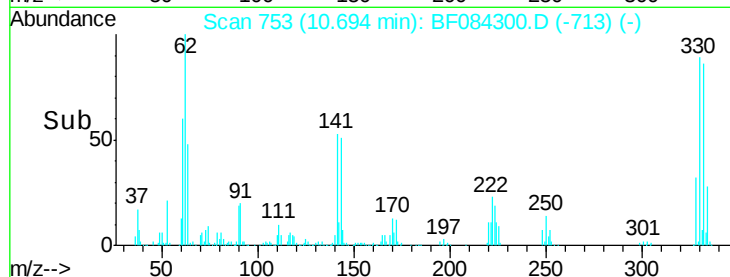
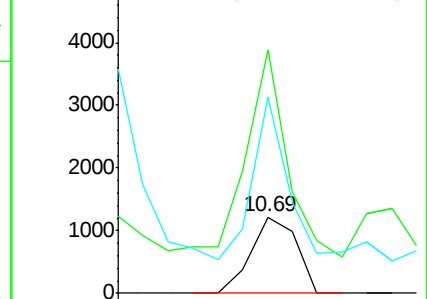
105 257.8 26.4 66.4#



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: 4.21 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.27 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

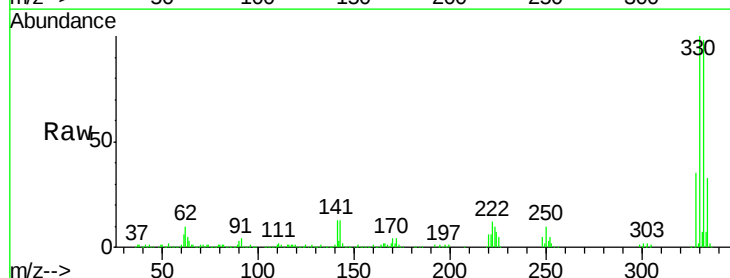
Tgt Ion:248 Resp: 43218

Ion Ratio Lower Upper

248 100

250 207.8 78.4 117.6#

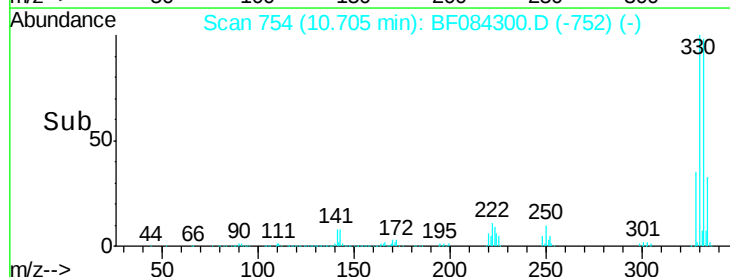
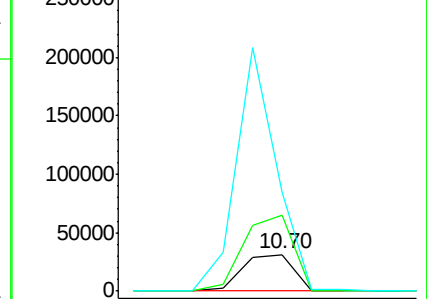
141 274.3 44.0 66.0#

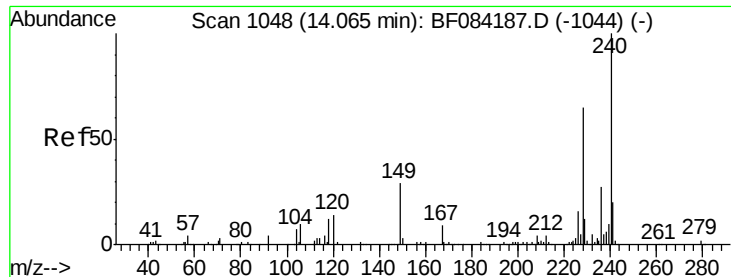


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

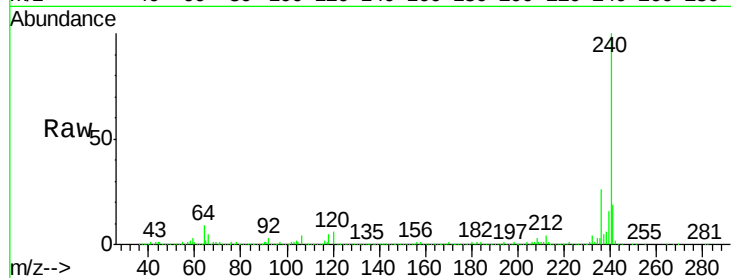
Tgt Ion:240 Resp: 780269

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

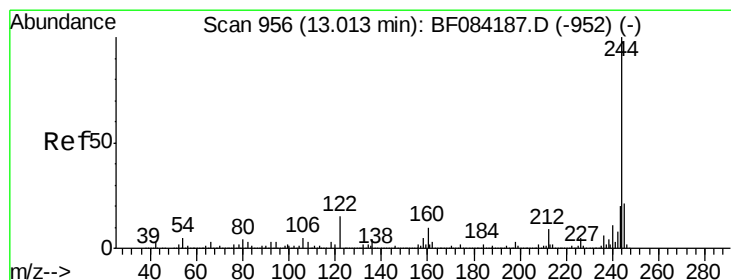
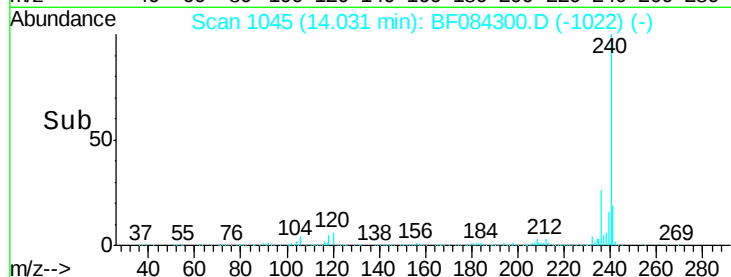
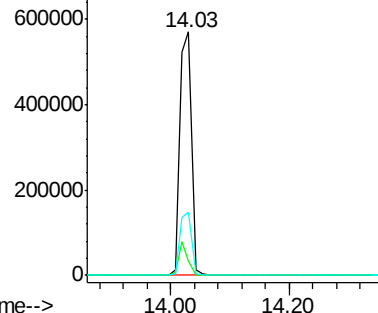
236 26.1 20.6 31.0



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: 65.20 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

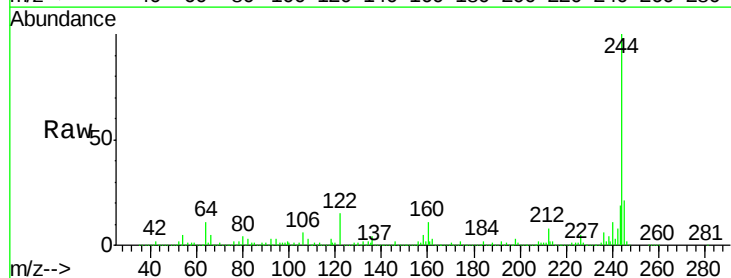
Tgt Ion:244 Resp: 2279088

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

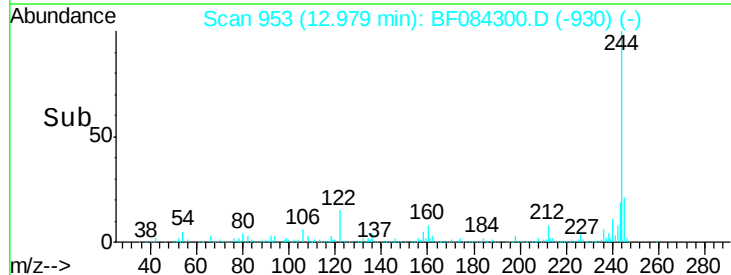
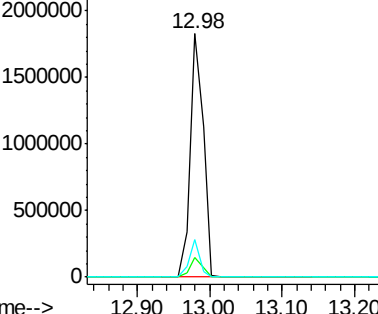
122 15.4 7.4 11.0#

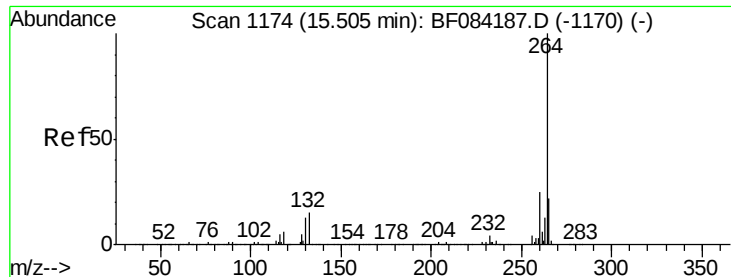


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion: 264 Resp: 573839
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.5 17.8 26.6

