

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084594.D
 Acq On : 22 Jan 2016 17:27
 Operator : SJ/IZ
 Sample : H1187-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS017-1824-01

Quant Time: Jan 22 22:10:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	141219	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	611663	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	277098	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	698857	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	522514	20.00	ng	-0.10
86) Perylene-d12	15.29	264	381236	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1324120	151.66	ng	-0.08
7) Phenol-d6	6.40	99	1403612	128.01	ng	-0.08
23) Nitrobenzene-d5	7.31	82	936207	85.19	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	487106	174.12	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1591087	102.30	ng	-0.08
78) Terphenyl-d14	12.85	244	1773096	75.75	ng	-0.09

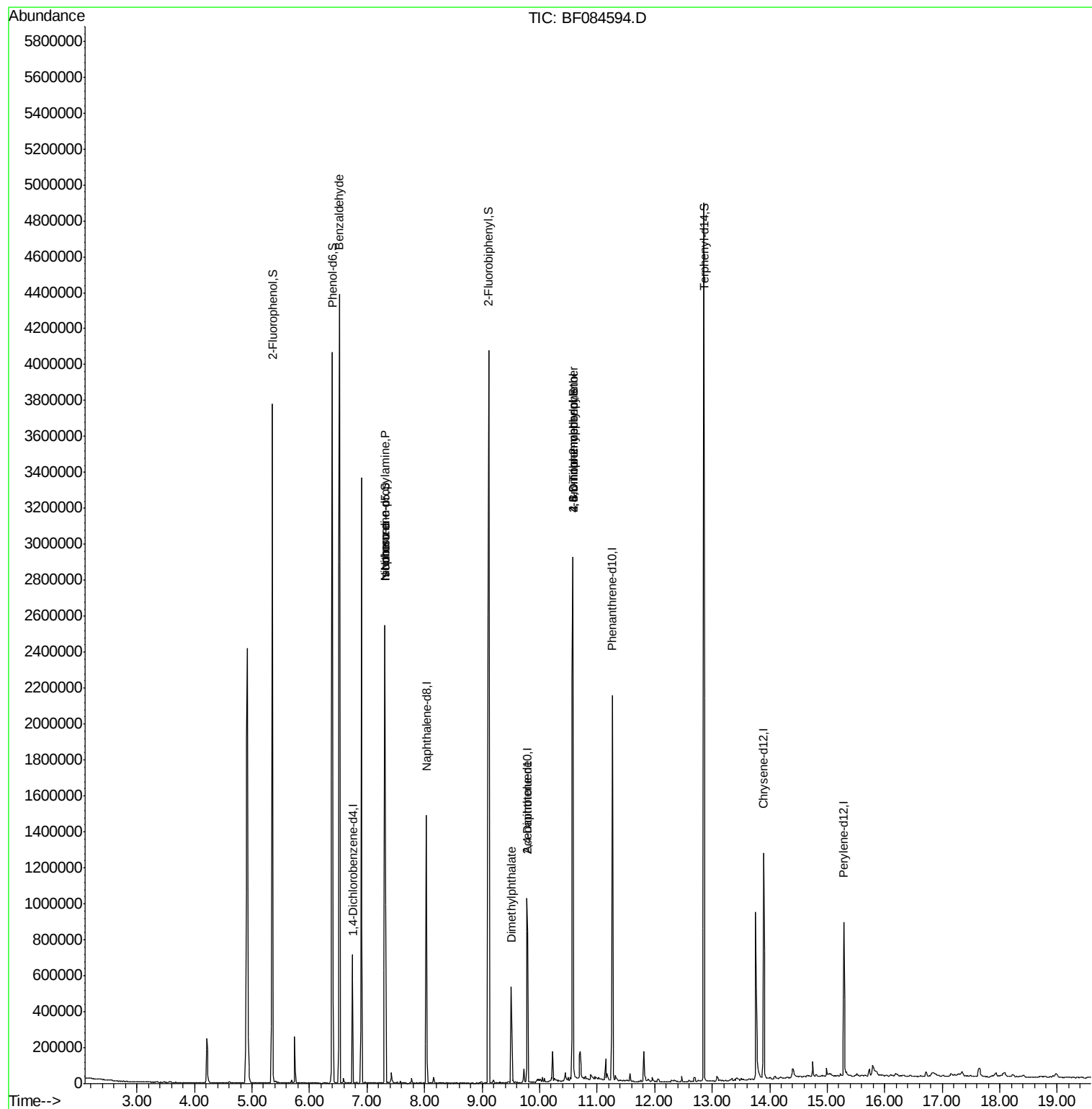
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	36884	5.17	ng	81
19) n-Nitroso-di-n-propylamine	7.31	70	130895	17.63	ng	# 68
25) Isophorone	7.31	82	793614	37.76	ng	# 66
49) Dimethylphthalate	9.50	163	249029	12.57	ng	# 89
54) Dibenzofuran	9.98	168	261	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.78	165	35118	6.39	ng	# 22
57) Fluorene	10.33	166	479	Below Cal	#	71
64) 4,6-Dinitro-2-methylphenol	10.58	198	1150	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.58	248	30849	4.10	ng	# 1
73) Di-n-butylphthalate	11.84	149	5208	Below Cal	#	95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084594.D
Acq On : 22 Jan 2016 17:27
Operator : SJ/IZ
Sample : H1187-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Quant Time: Jan 22 22:10:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

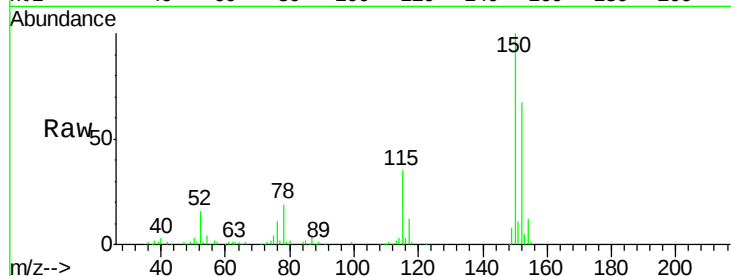
Tgt Ion:152 Resp: 141219

Ion Ratio Lower Upper

152 100

150 150.1 123.0 184.4

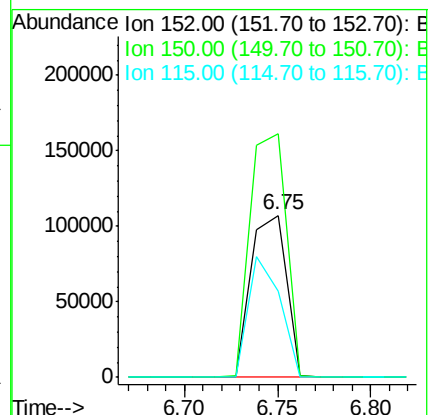
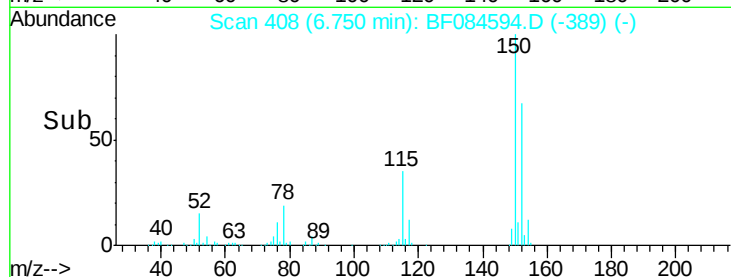
115 53.2 51.4 77.2



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: 151.66 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

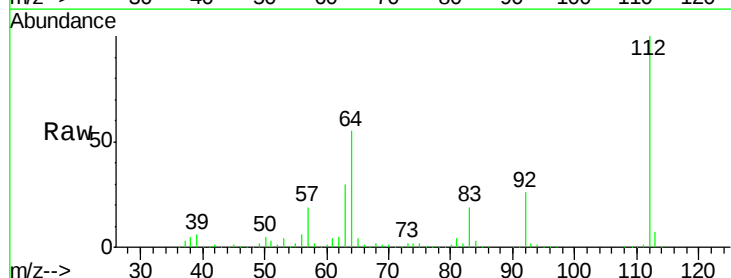
Tgt Ion:112 Resp: 1324120

Ion Ratio Lower Upper

112 100

64 55.0 36.6 55.0#

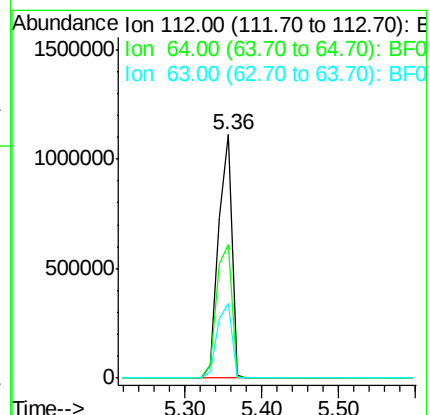
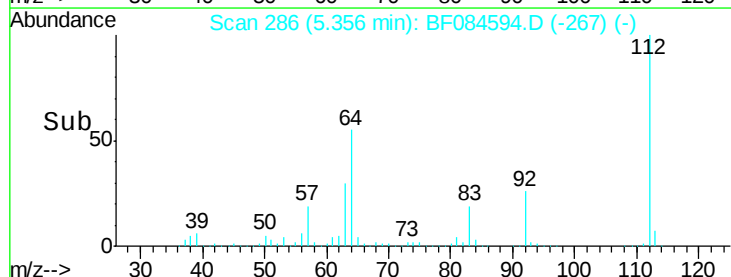
63 30.4 19.4 29.0#

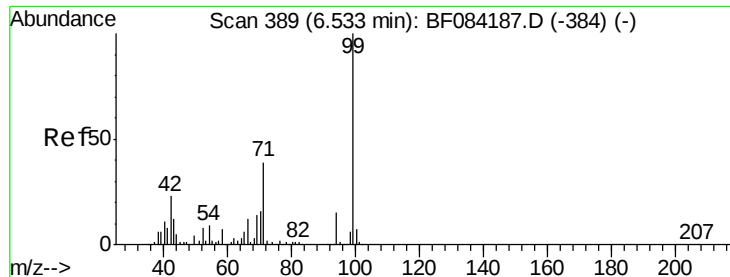


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.01 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

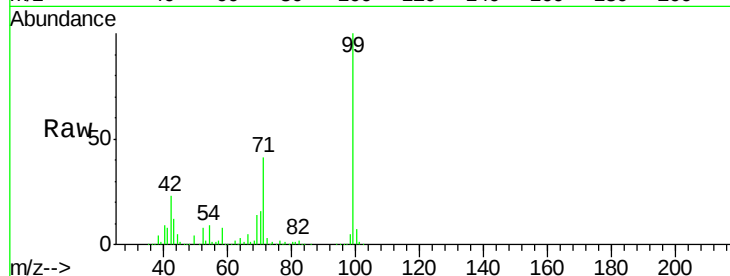
Tgt Ion: 99 Resp: 1403612

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

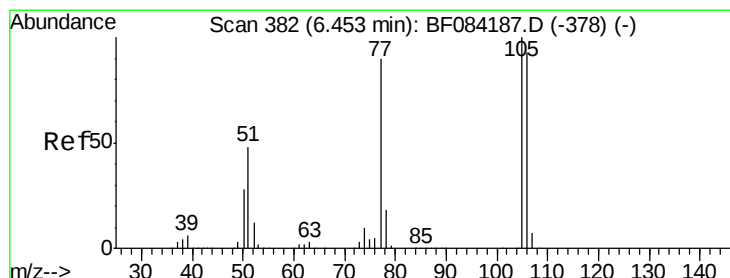
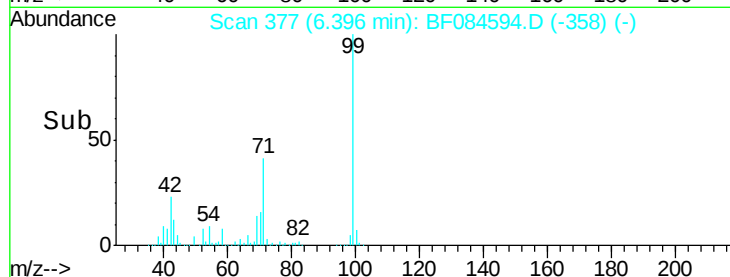
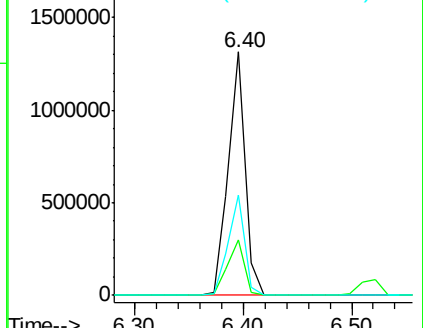
71 41.0 30.9 46.3



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: 5.17 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.14 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

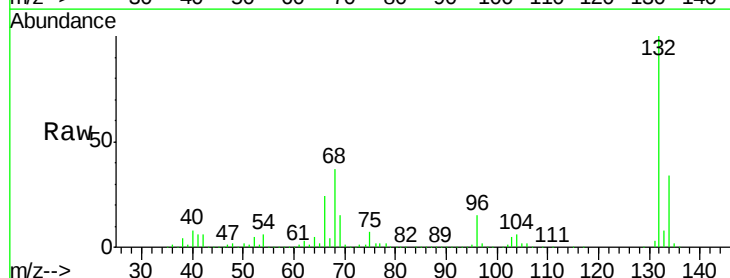
Tgt Ion: 77 Resp: 36884

Ion Ratio Lower Upper

77 100

105 84.1 83.0 123.0

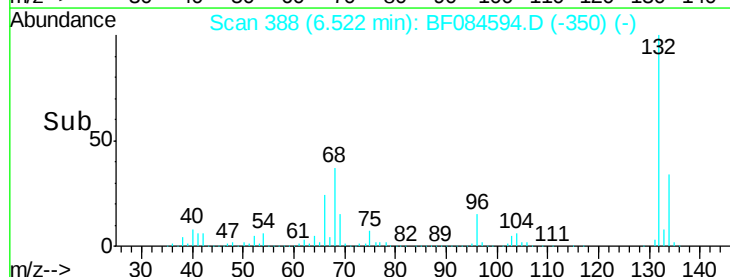
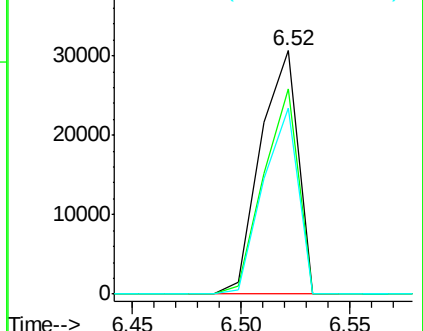
106 76.2 74.6 114.6

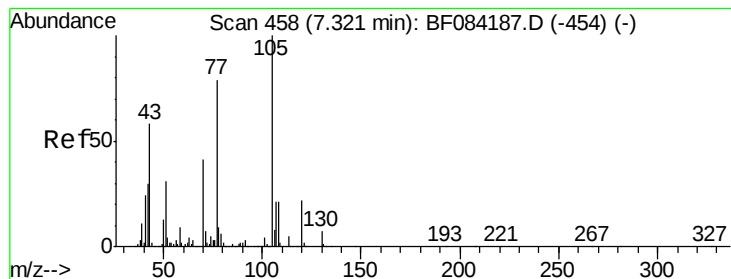


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.63 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.06 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

Tgt Ion: 70 Resp: 130895

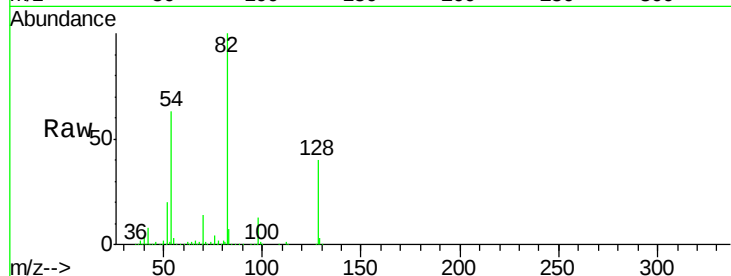
Ion Ratio Lower Upper

70 100

42 54.1 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

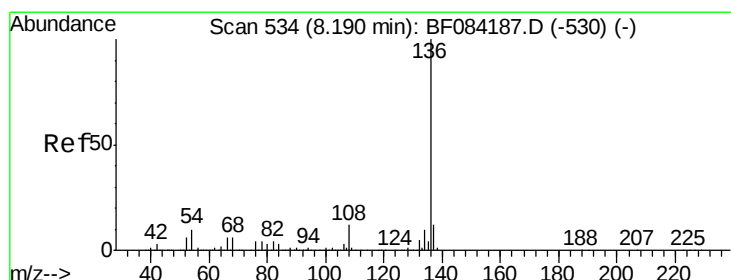
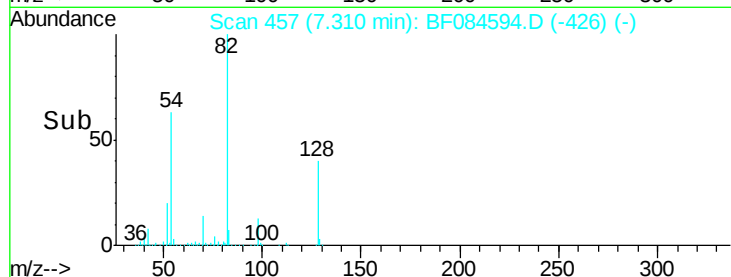
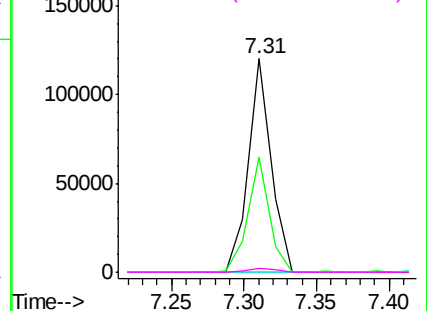


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Tgt Ion: 136 Resp: 611663

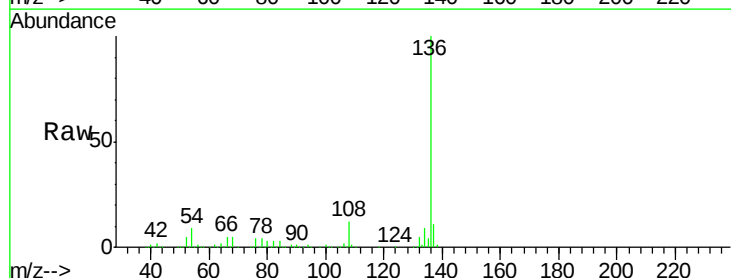
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 5.8 8.8#

68 4.5 4.2 6.2

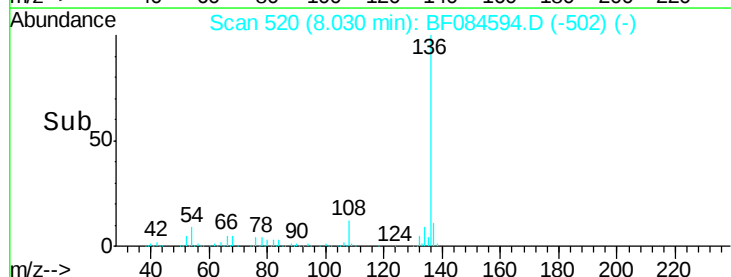
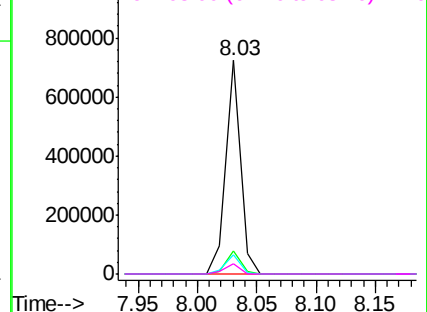


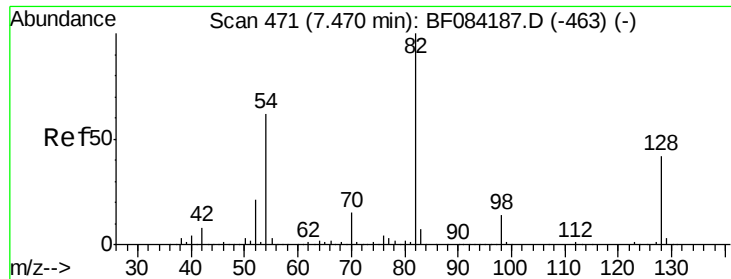
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 85.19 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

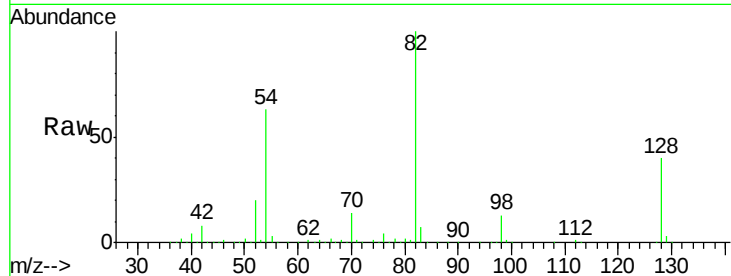
Tgt Ion: 82 Resp: 936207

Ion Ratio Lower Upper

82 100

128 40.3 34.6 51.8

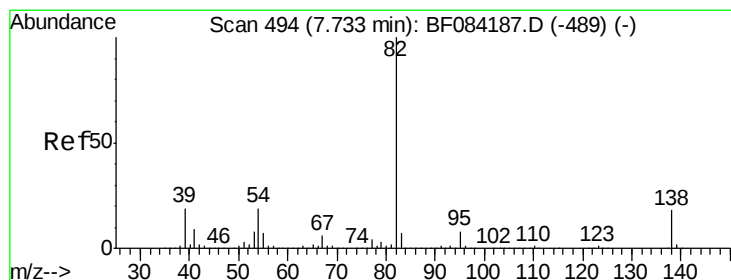
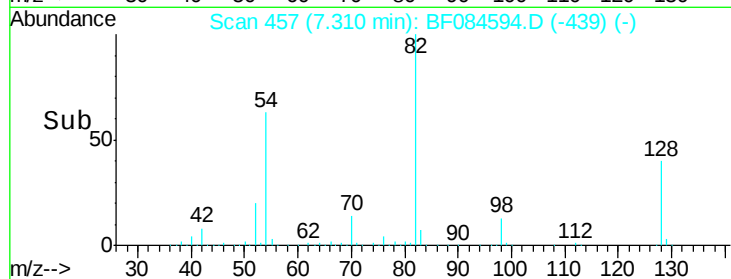
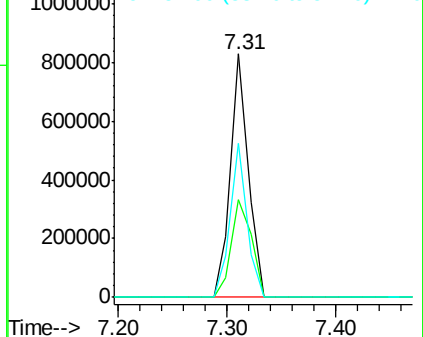
54 63.1 38.4 57.6#



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: 37.76 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.35 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

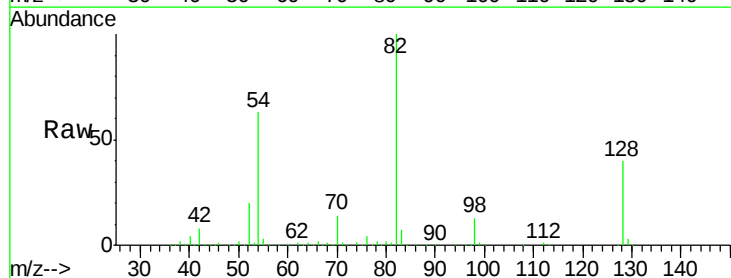
Tgt Ion: 82 Resp: 793614

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

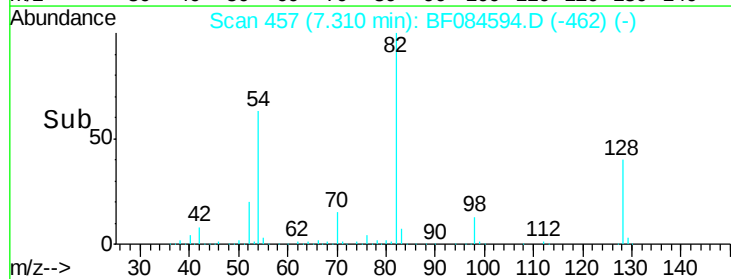
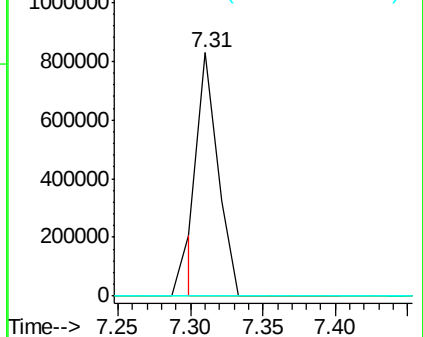
138 0.0 13.6 20.4#

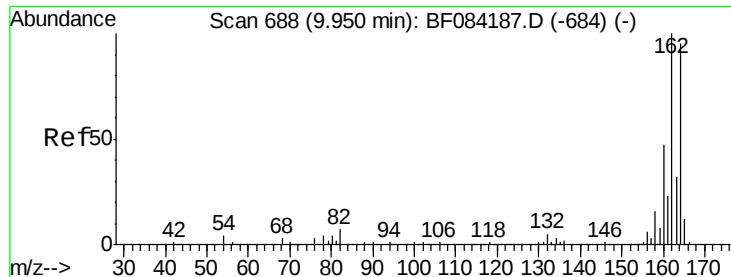


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

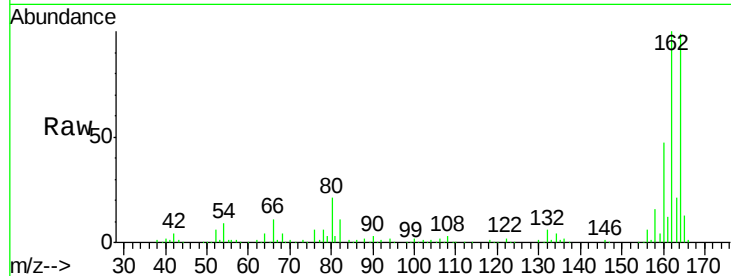
Tgt Ion:164 Resp: 277098

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

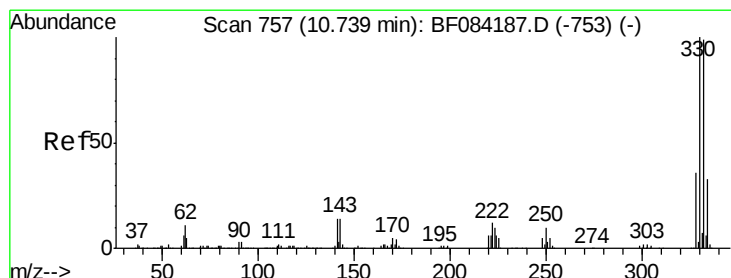
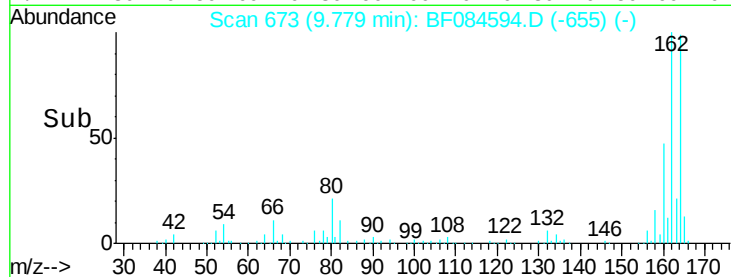
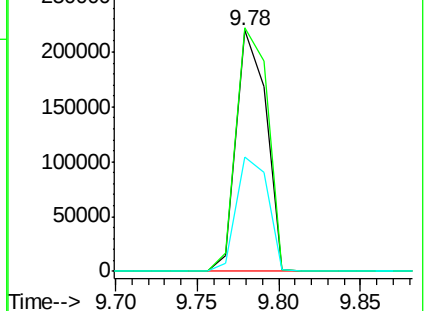
160 47.5 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 174.12 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

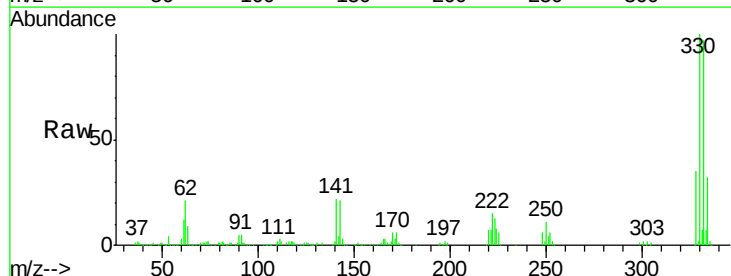
Tgt Ion:330 Resp: 487106

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

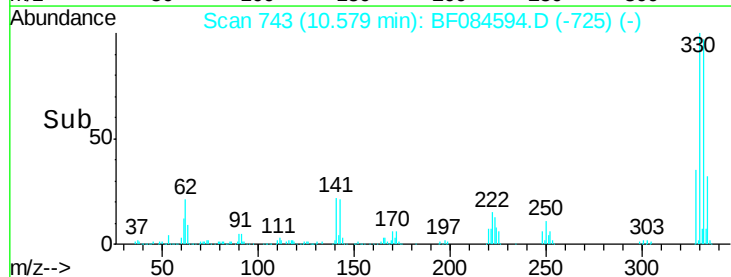
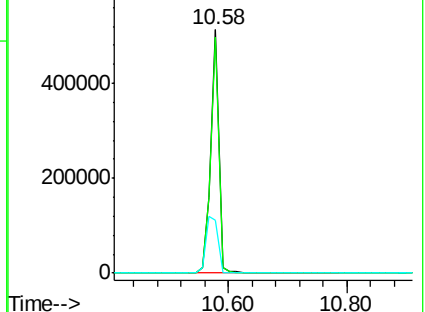
141 35.0 27.8 41.6

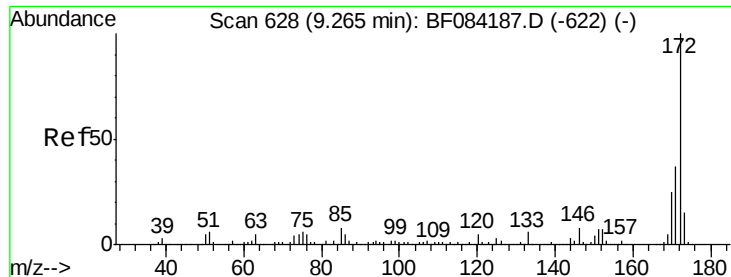


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

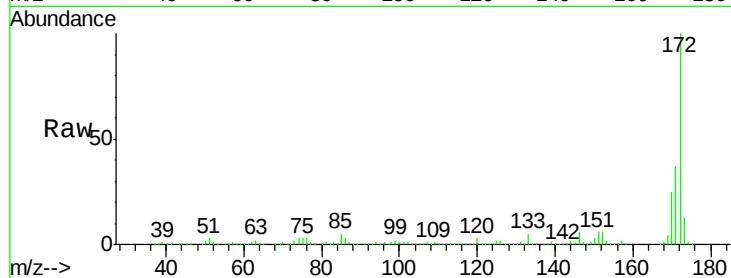




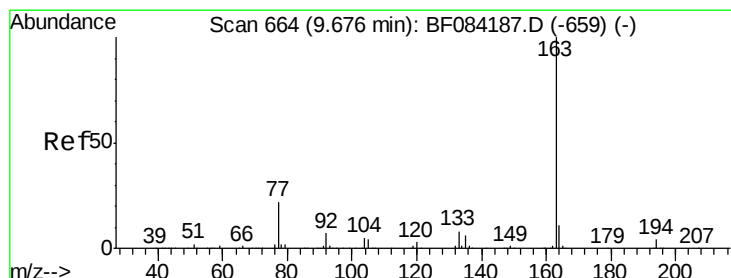
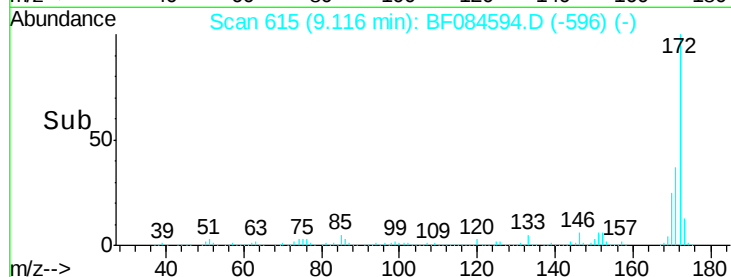
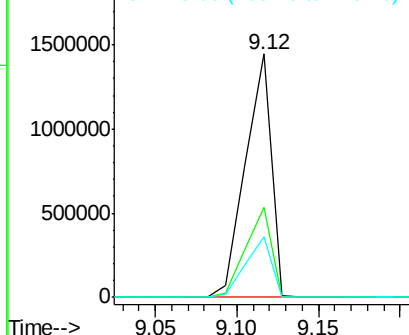
#44
2-Fluorobiphenyl
Concen: 102.30 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:172 Resp: 1591087
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 24.9 18.6 27.8

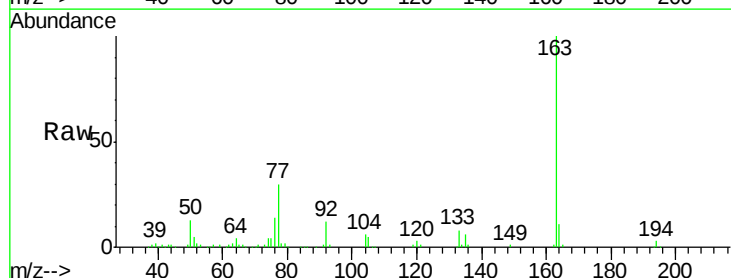


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

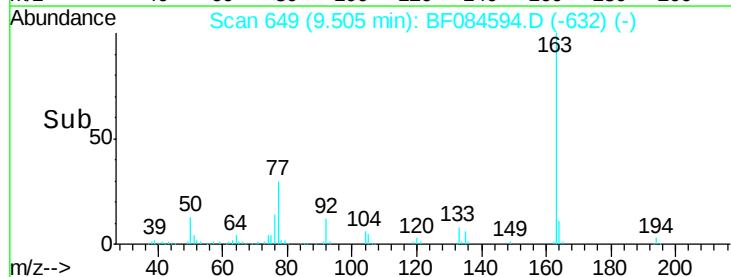
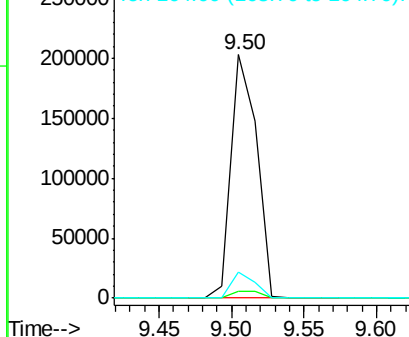


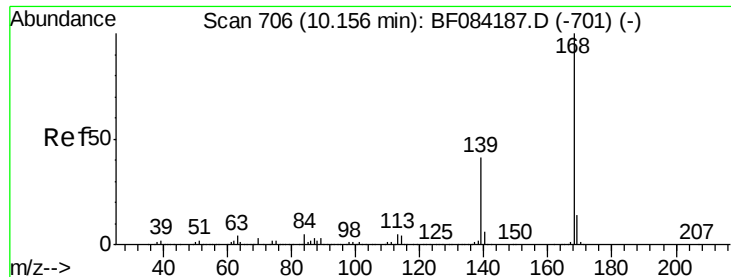
#49
Dimethylphthalate
Concen: 12.57 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.10 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:163 Resp: 249029
Ion Ratio Lower Upper
163 100
194 2.6 8.0 12.0#
164 10.6 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

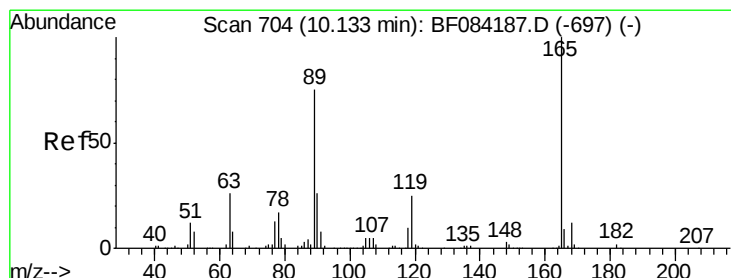
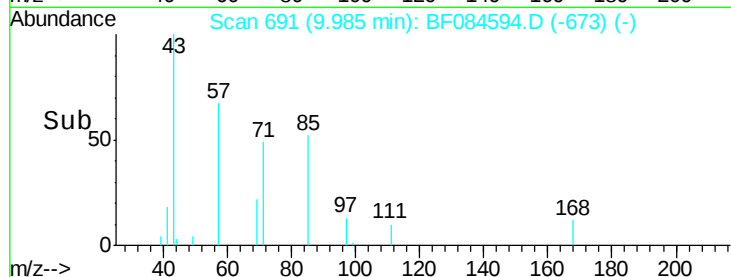
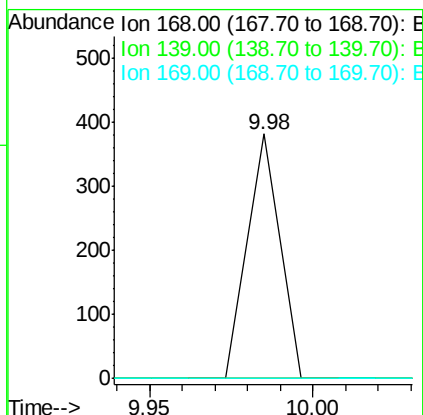
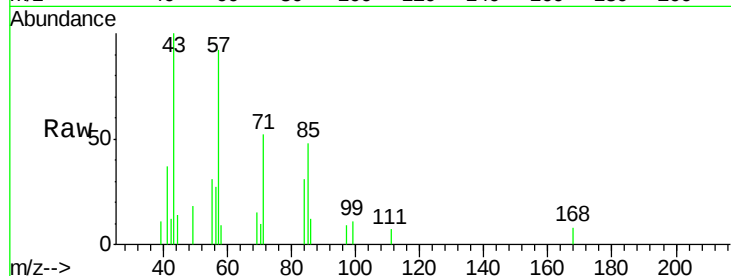




#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

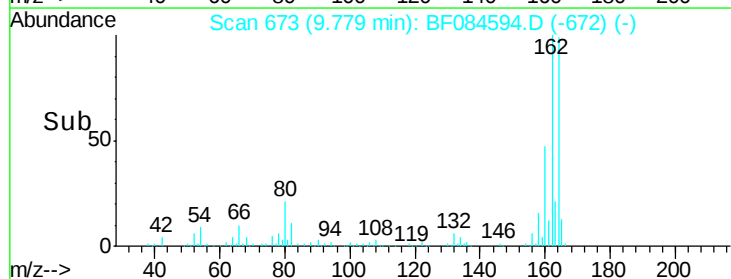
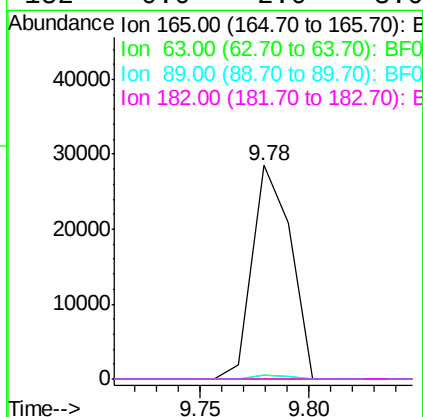
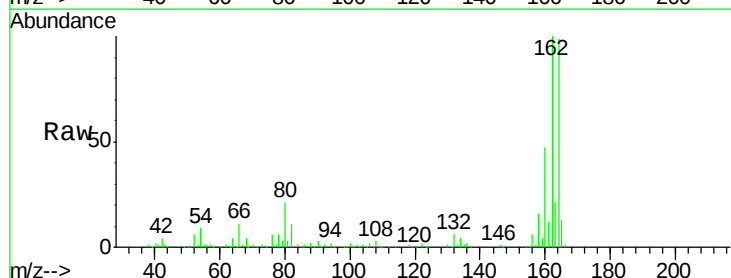
Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

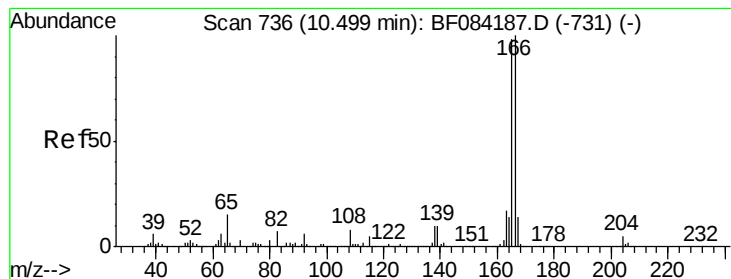
Tgt Ion:168 Resp: 261
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:165 Resp: 35118
Ion Ratio Lower Upper
165 100
63 1.6 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.33 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

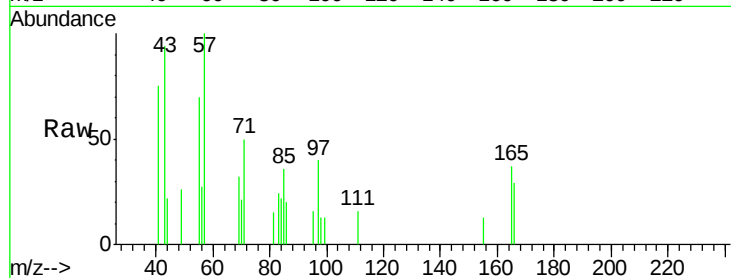
Tgt Ion:166 Resp: 479

Ion Ratio Lower Upper

166 100

165 127.8 79.1 118.7#

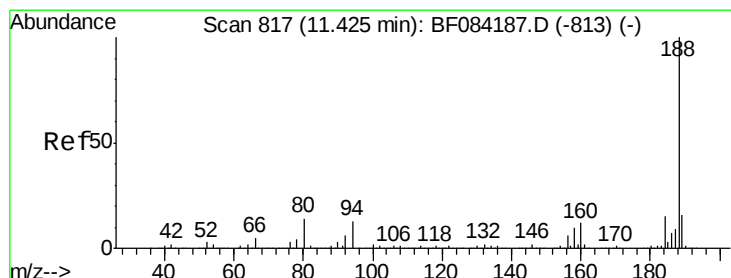
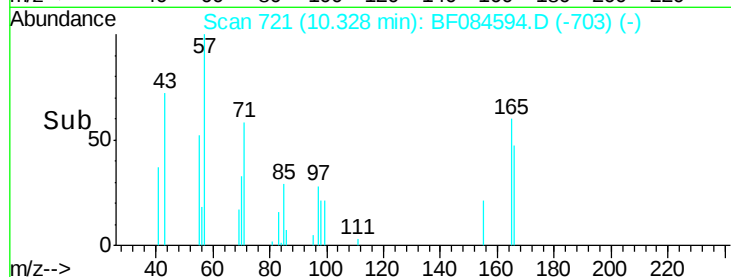
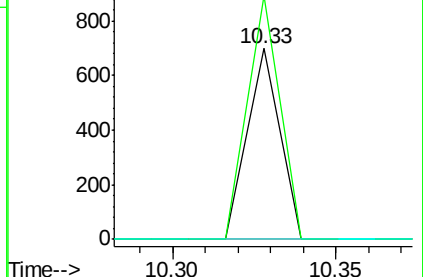
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

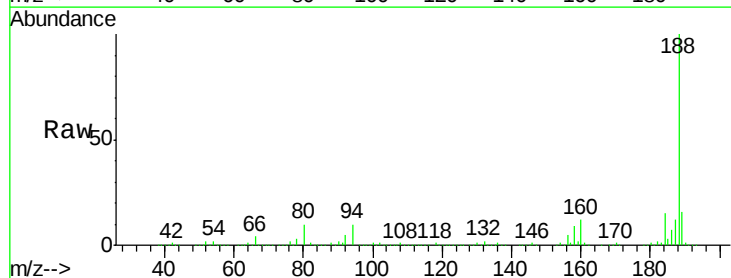
Tgt Ion:188 Resp: 698857

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

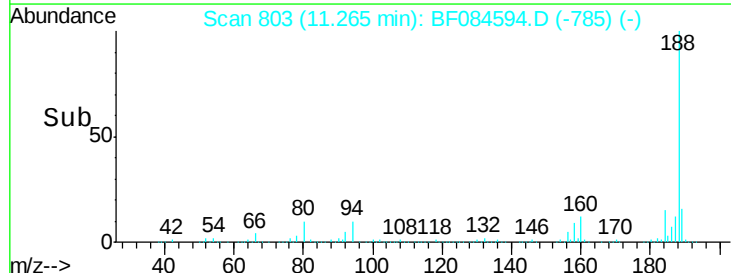
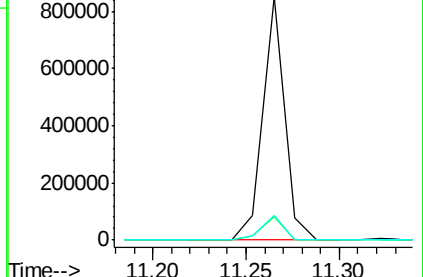
80 10.2 9.6 14.4

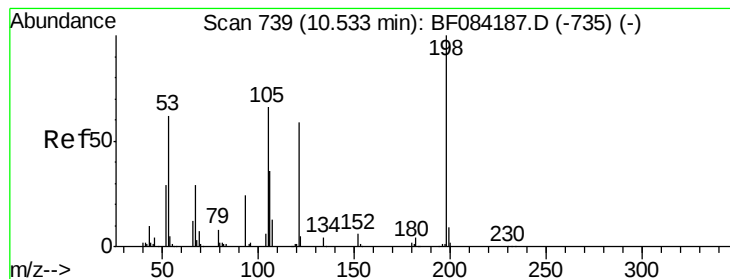


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.62 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.10 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

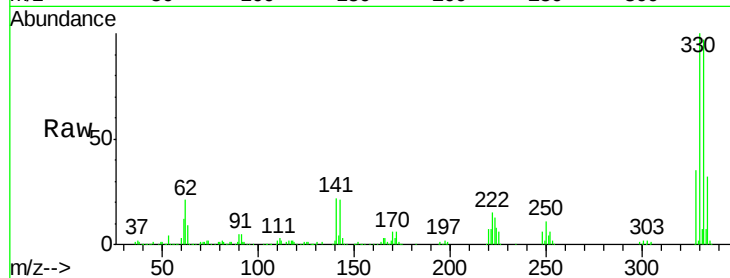
Tgt Ion:198 Resp: 1150

Ion Ratio Lower Upper

198 100

51 121.8 18.9 58.9#

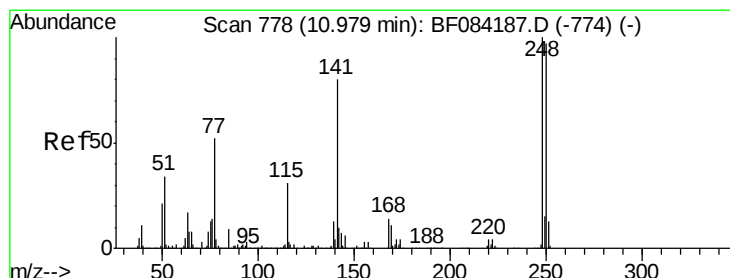
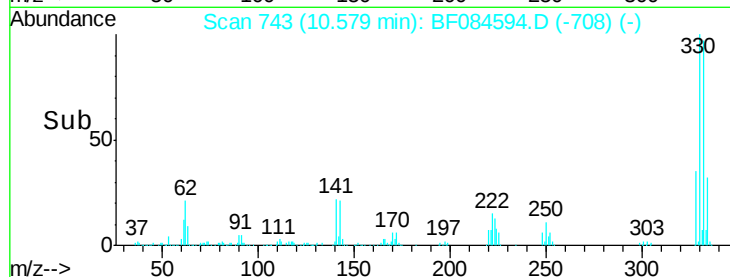
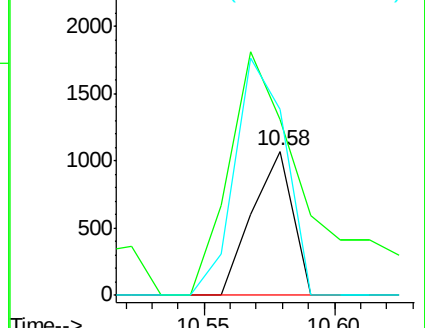
105 129.5 26.4 66.4#



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: 4.10 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.33 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

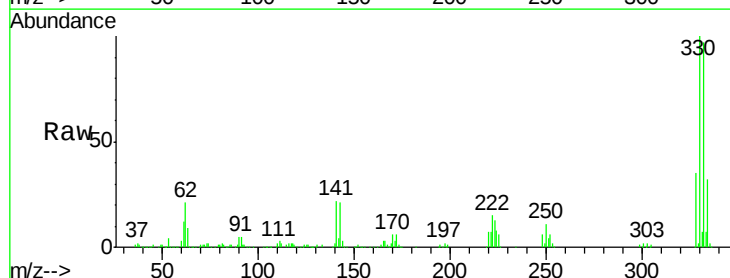
Tgt Ion:248 Resp: 30849

Ion Ratio Lower Upper

248 100

250 201.8 78.4 117.6#

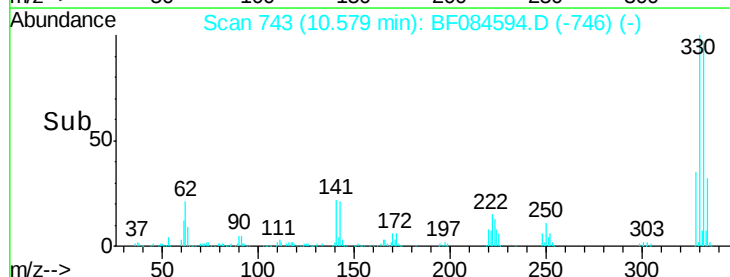
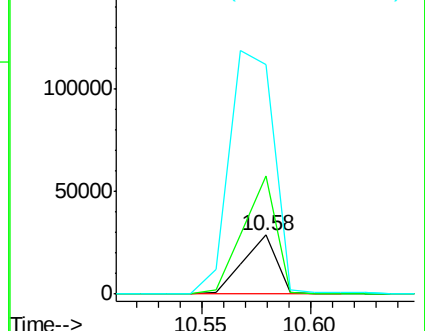
141 391.0 44.0 66.0#

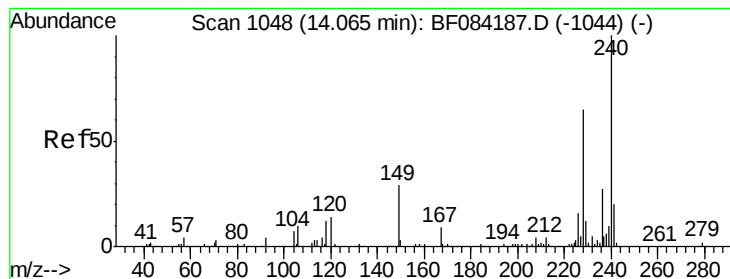


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.10 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

Instrument :

BNA_F

ClientSampleId :

P001-SS017-1824-01

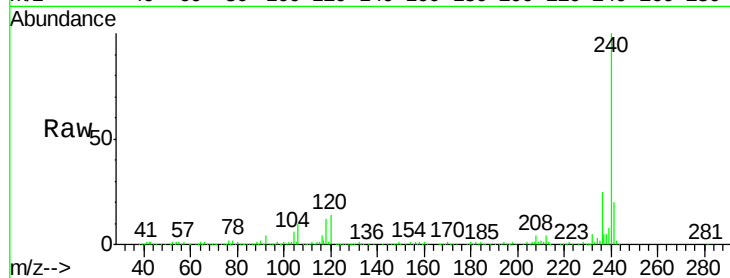
Tgt Ion:240 Resp: 522514

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

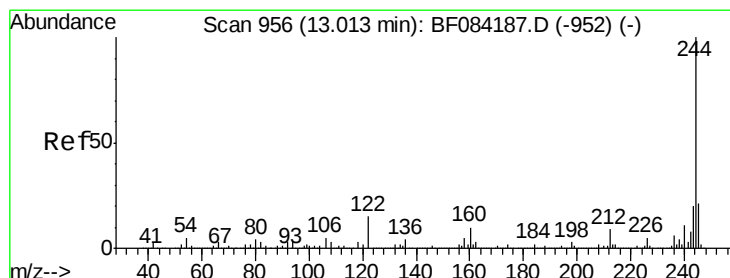
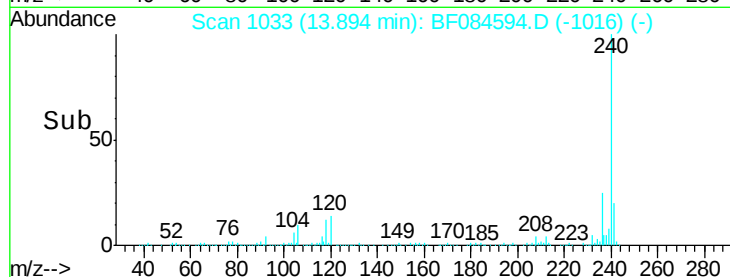
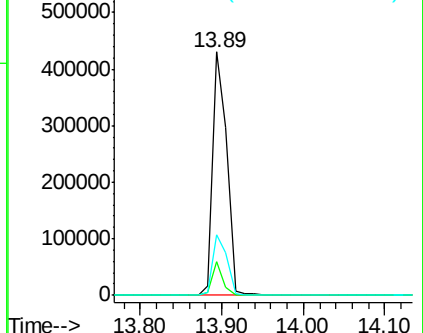
236 25.0 20.6 31.0



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: 75.75 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.09 min

Lab File: BF084594.D

Acq: 22 Jan 2016 17:27

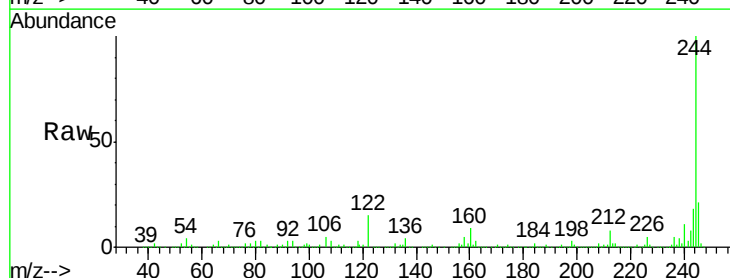
Tgt Ion:244 Resp: 1773096

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

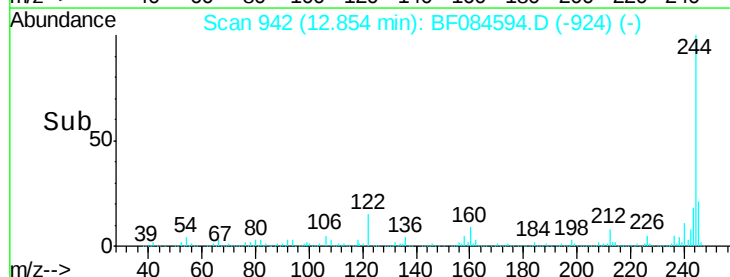
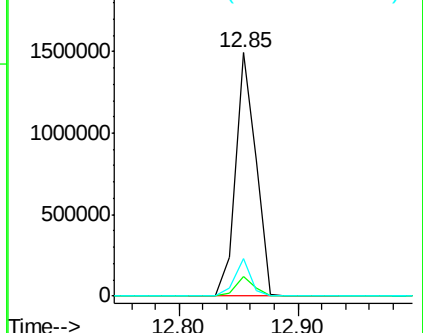
122 15.2 7.4 11.0#

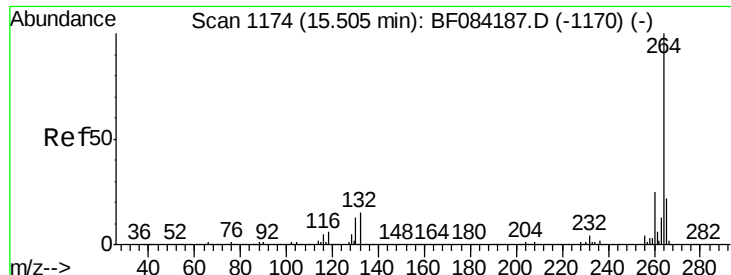


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

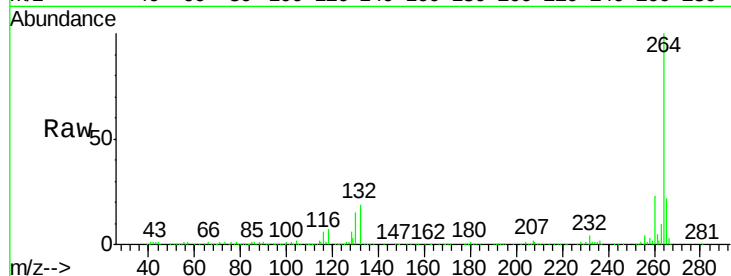




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.9	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

