

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084592.D
 Acq On : 22 Jan 2016 16:32
 Operator : SJ/IZ
 Sample : H1187-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-02

Quant Time: Jan 22 22:09:08 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	6.90	152	531878	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	801005	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	358908	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	677587	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	521564	20.00	ng	-0.09
86) Perylene-d12	15.29	264	395609	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1162700	35.36	ng	-0.09
7) Phenol-d6	6.40	99	1751648	42.41	ng	-0.08
23) Nitrobenzene-d5	7.31	82	1001142	69.56	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	383395	105.81	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1815132	89.29	ng	-0.08
78) Terphenyl-d14	12.85	244	1554370	66.52	ng	-0.09

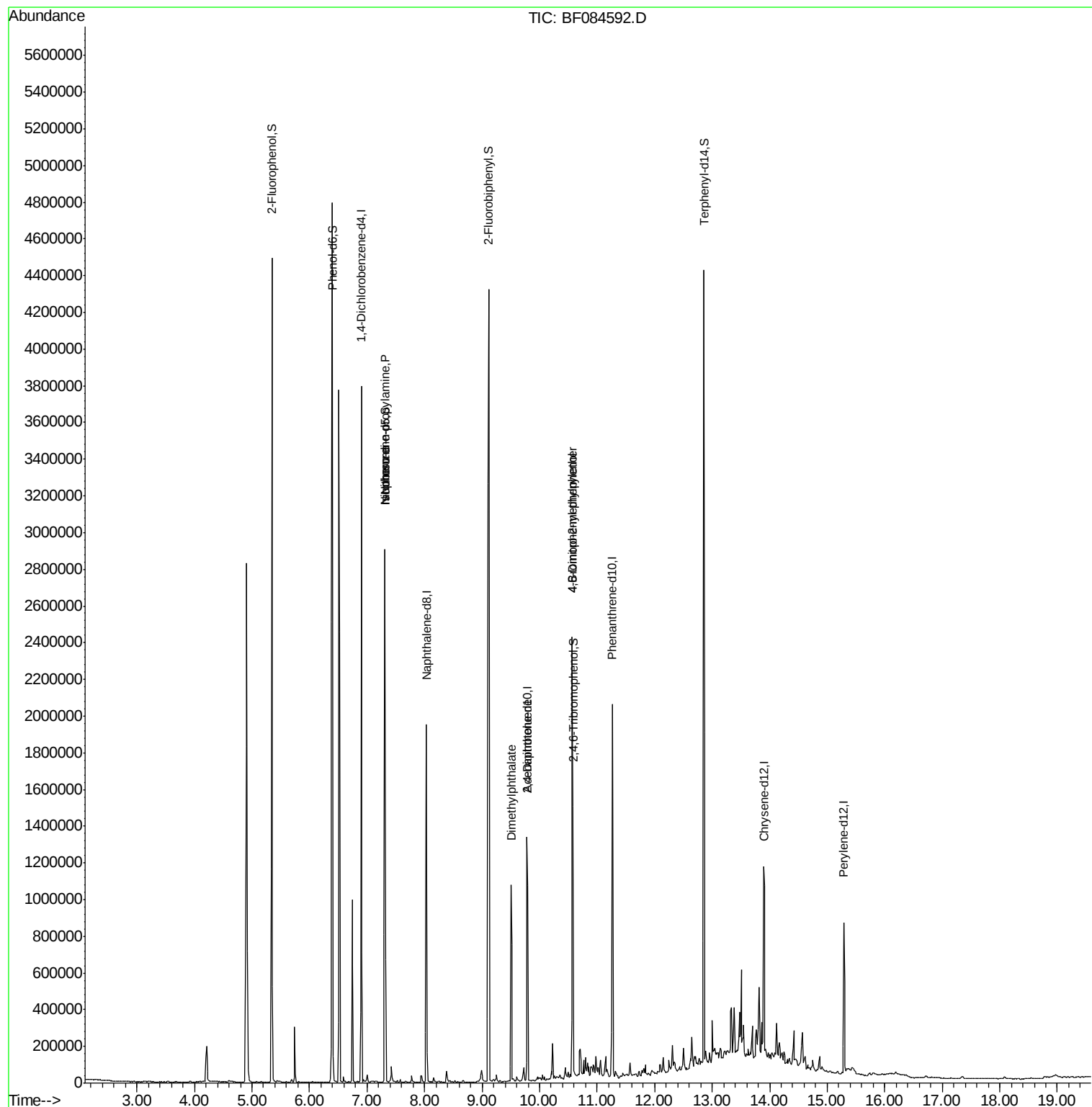
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	138057	4.94	ng	# 72
25) Isophorone	7.31	82	814926	29.61	ng	# 66
49) Dimethylphthalate	9.50	163	592764	23.10	ng	# 90
54) Dibenzofuran	9.98	168	682	Below Cal		# 57
56) 2,4-Dinitrotoluene	9.78	165	44594	6.26	ng	# 22
57) Fluorene	10.33	166	519	Below Cal		# 76
60) 4-Chlorophenyl-phenylether	10.13	204	816	Below Cal		# 24
64) 4,6-Dinitro-2-methylphenol	10.57	198	760	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	21375	2.93	ng	# 1
73) Di-n-butylphthalate	11.84	149	25407	Below Cal		# 97

(#) = 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
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.07 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

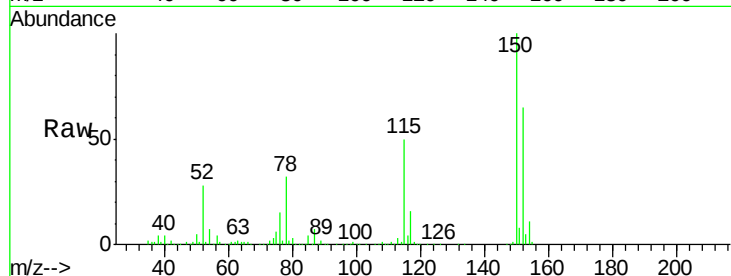
Tgt Ion:152 Resp: 531878

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

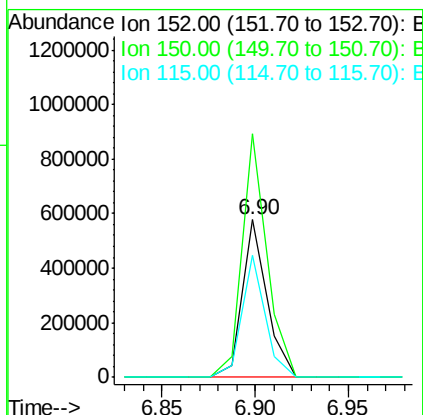
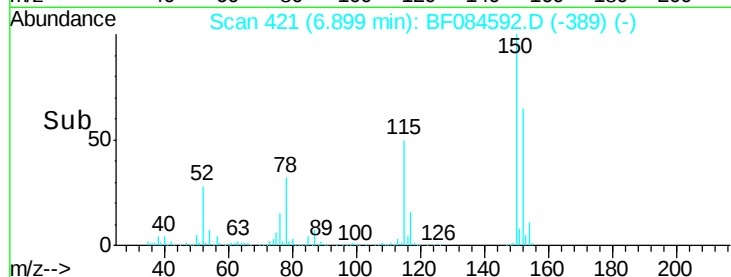
115 77.6 51.4 77.2#



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: 35.36 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

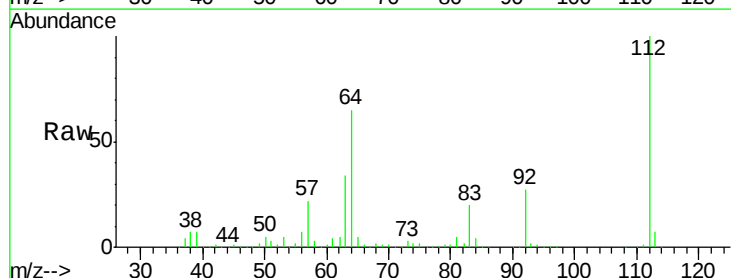
Tgt Ion:112 Resp: 1162700

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

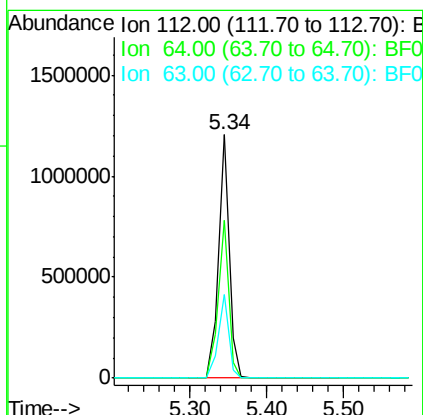
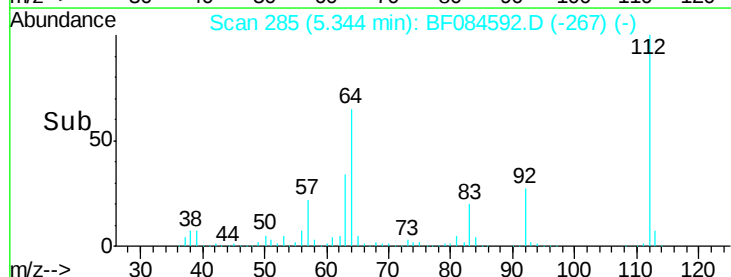
63 34.2 19.4 29.0#

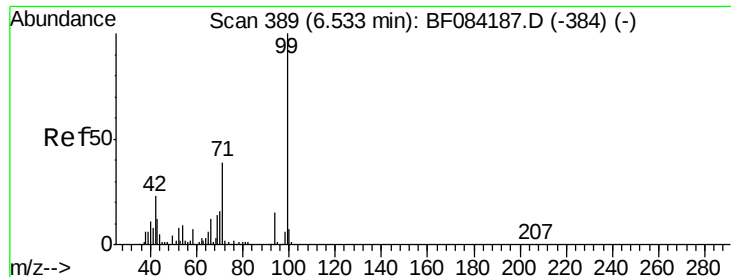


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.41 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

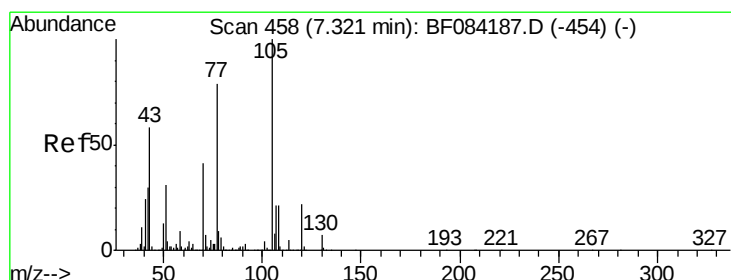
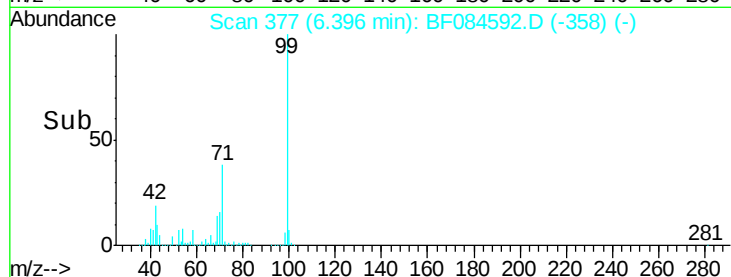
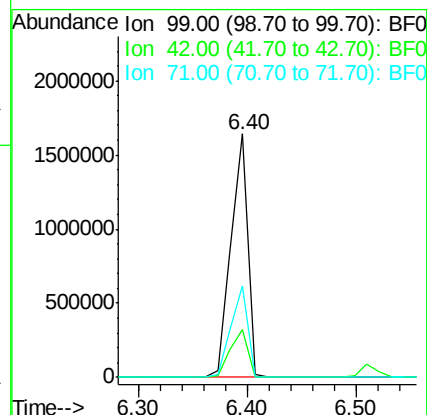
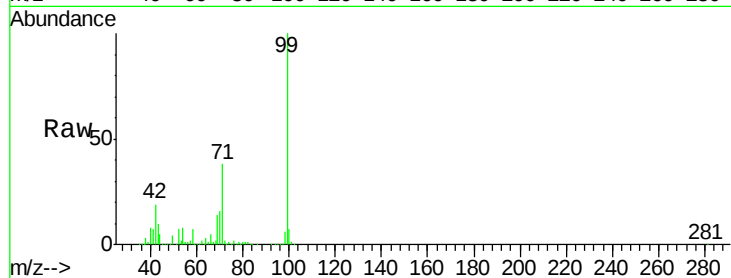
Tgt Ion: 99 Resp: 1751648

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

71 37.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.94 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.06 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Tgt Ion: 70 Resp: 138057

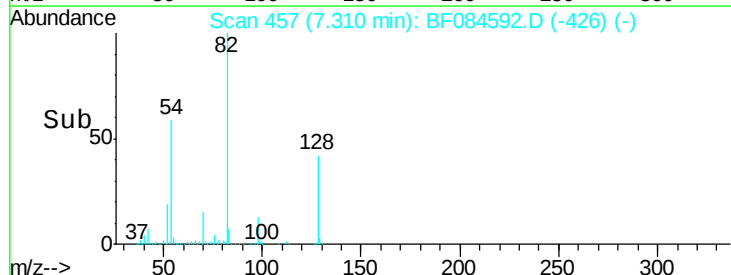
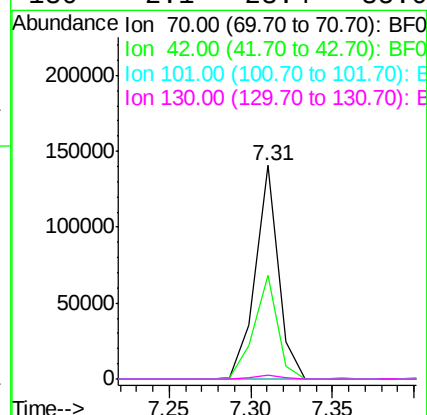
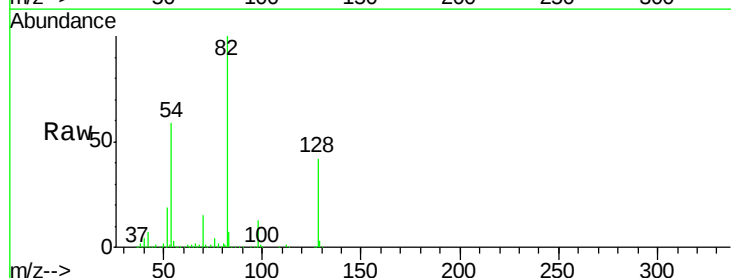
Ion Ratio Lower Upper

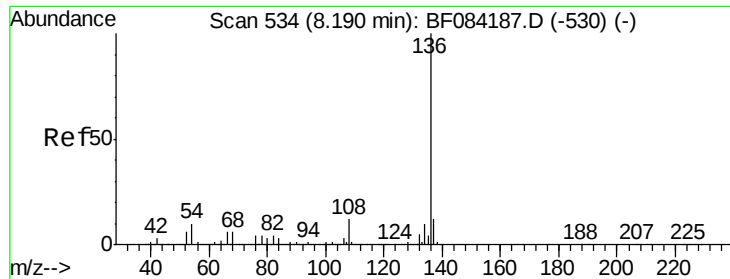
70 100

42 48.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

Tgt Ion: 136 Resp: 801005

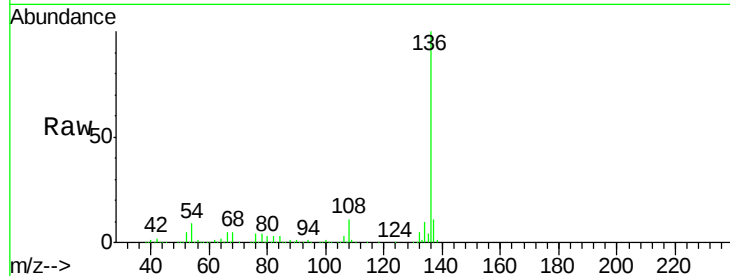
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.8 5.8 8.8#

68 5.2 4.2 6.2

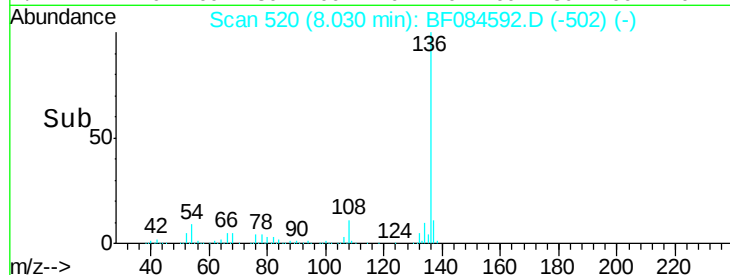


Abundance Ion 136.00 (135.70 to 136.70): E

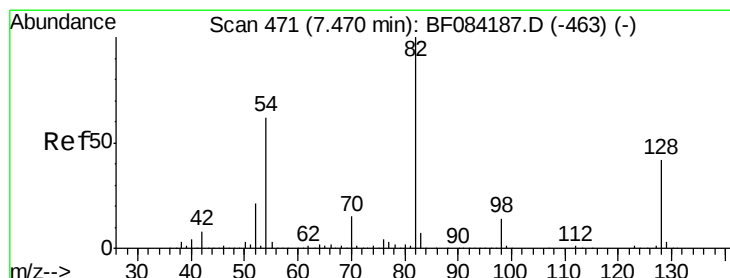
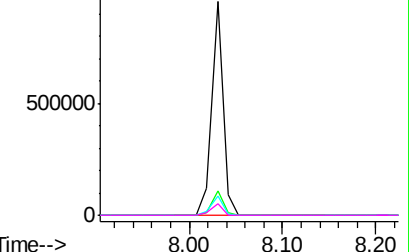
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 69.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

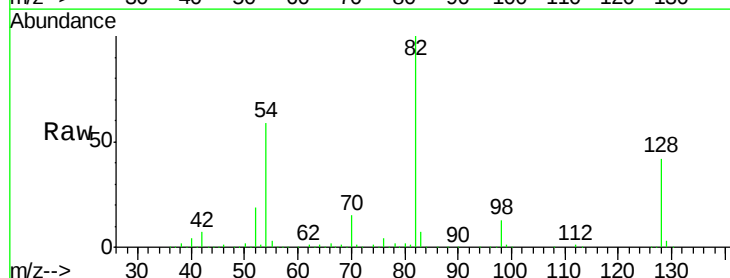
Tgt Ion: 82 Resp: 1001142

Ion Ratio Lower Upper

82 100

128 41.9 34.6 51.8

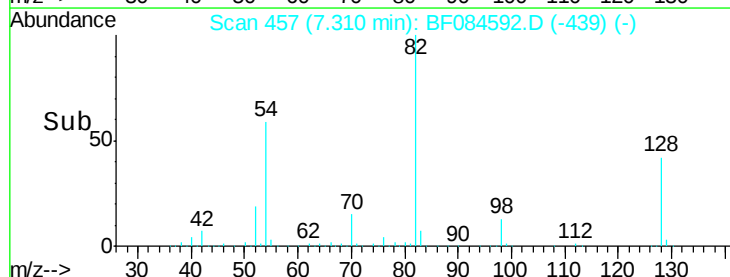
54 59.4 38.4 57.6#



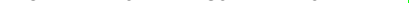
Abundance Ion 82.00 (81.70 to 82.70): BF0

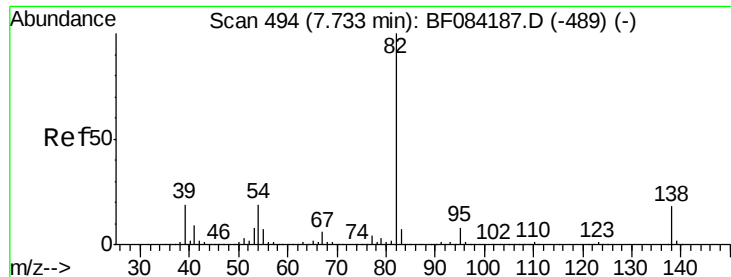
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 29.61 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.35 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

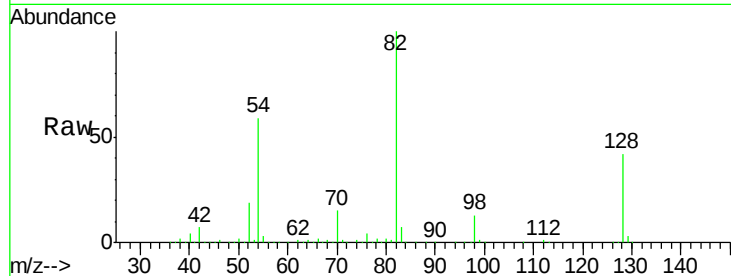
Tgt Ion: 82 Resp: 814926

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

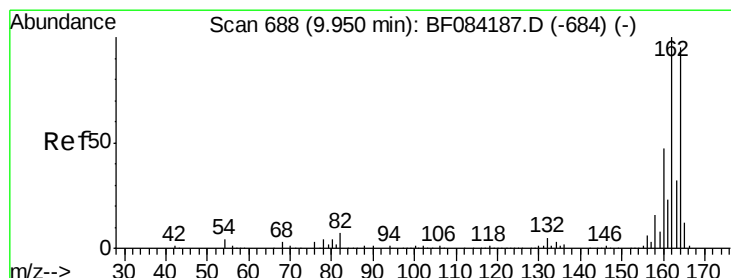
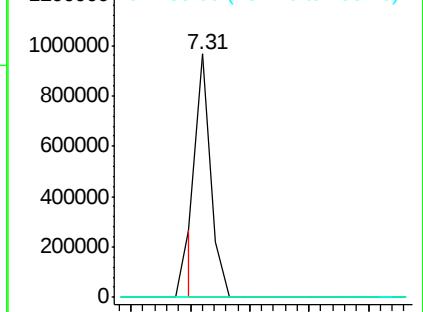
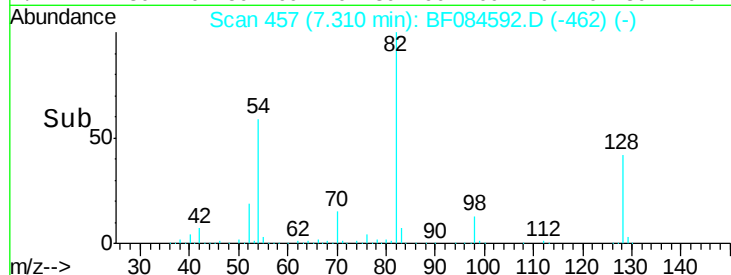
138 0.0 13.6 20.4#



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: 9.78 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

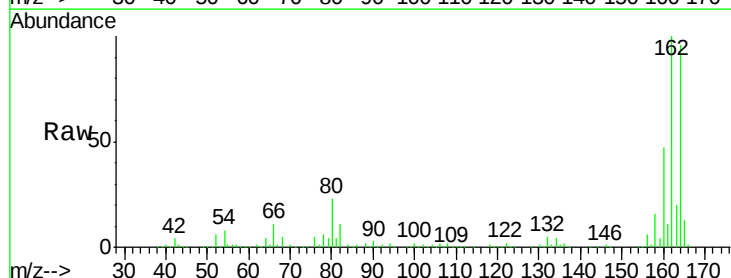
Tgt Ion: 164 Resp: 358908

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

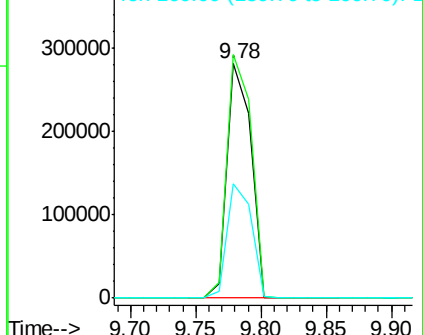
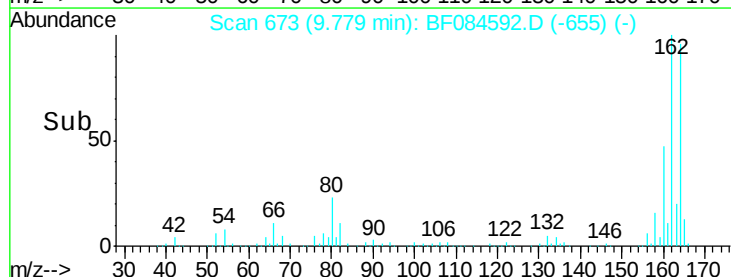
160 48.7 37.5 56.3

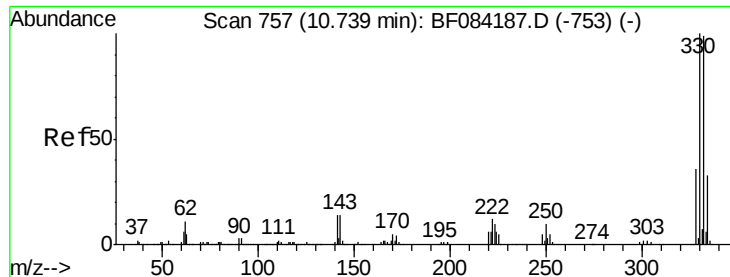


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

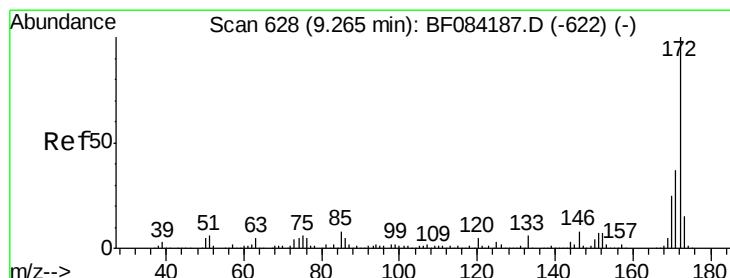
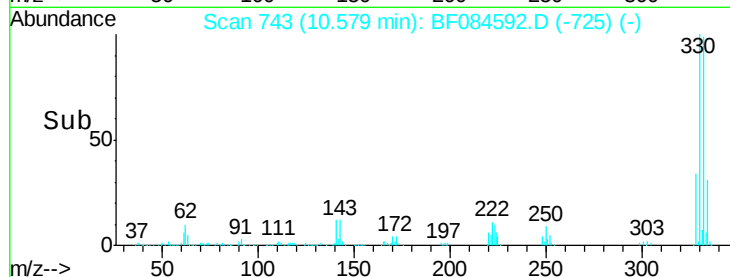
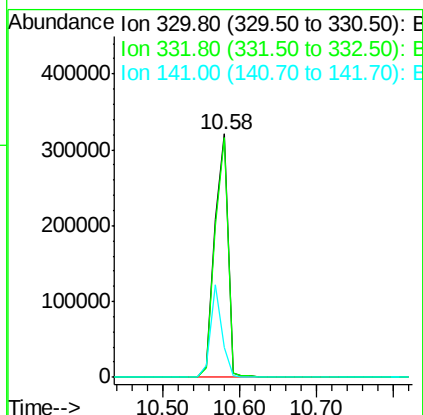
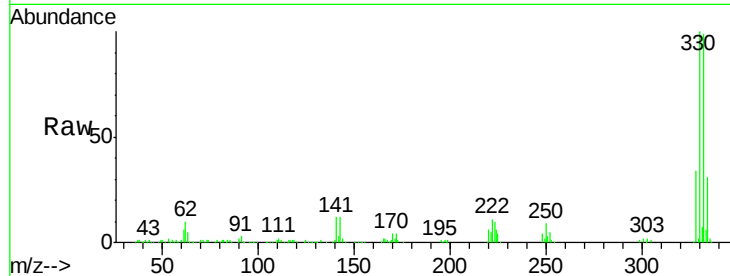




#41
 2,4,6-Tribromophenol
 Concen: 105.81 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084592.D
 Acq: 22 Jan 2016 16:32

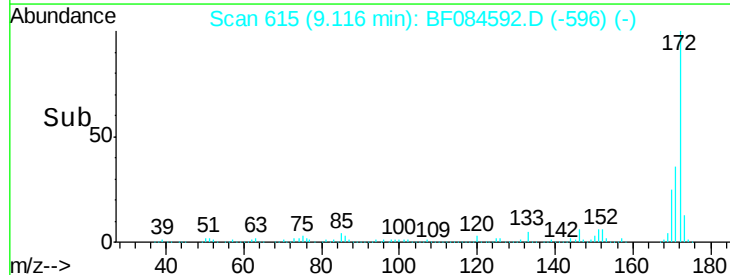
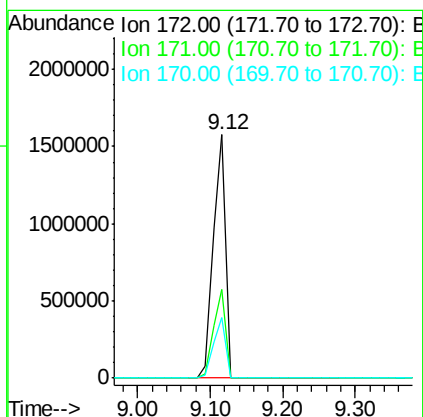
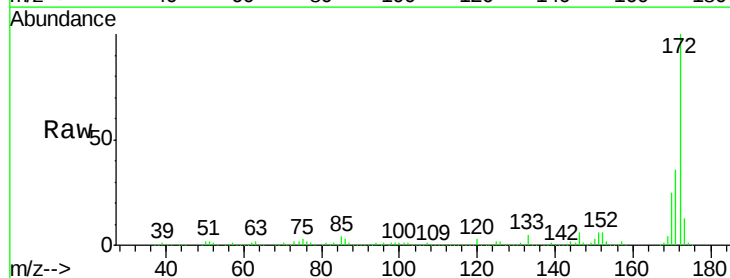
Instrument :
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 P001-SS015-7278-02

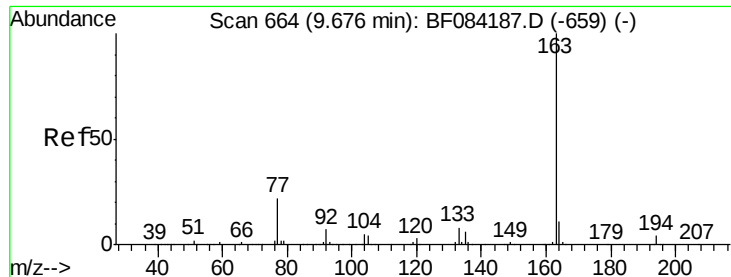
Tgt Ion:330 Resp: 383395
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 32.9 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084592.D
 Acq: 22 Jan 2016 16:32

Tgt Ion:172 Resp: 1815132
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.7 18.6 27.8

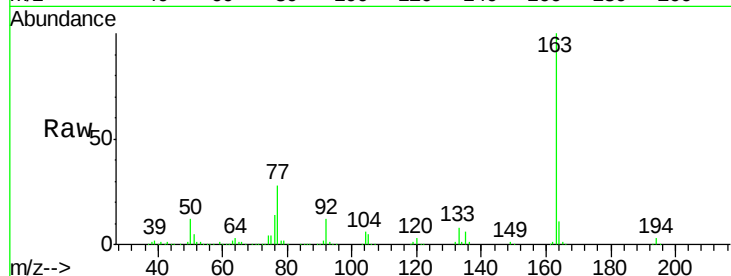




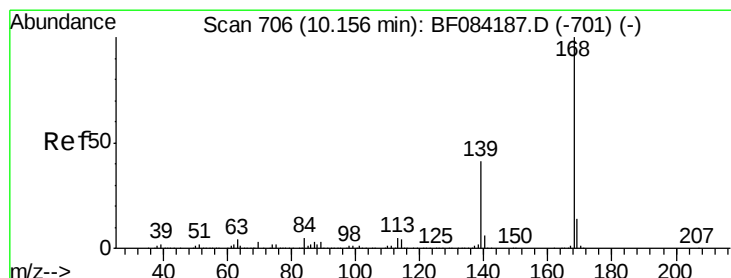
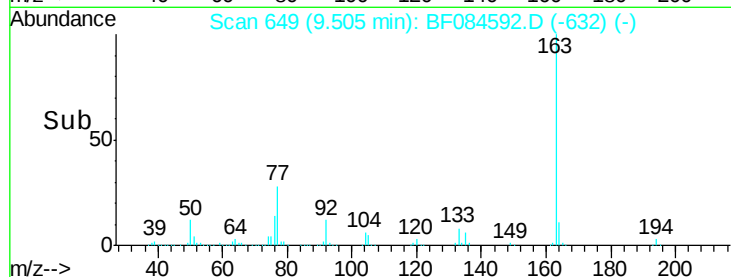
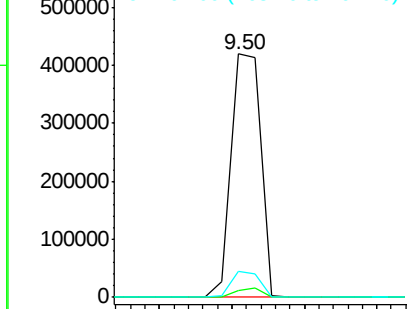
#49
Dimethylphthalate
Concen: 23.10 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.10 min
Lab File: BF084592.D
Acq: 22 Jan 2016 16:32

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-02

Tgt Ion:163 Resp: 592764
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.5 8.0 12.0

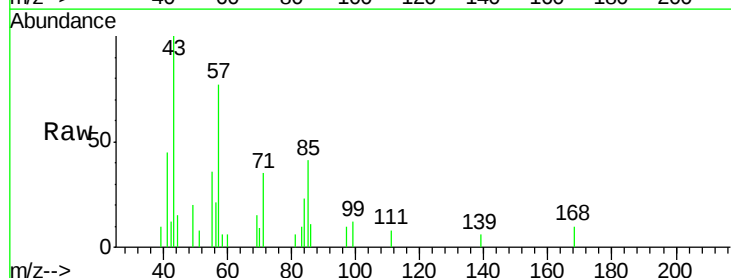


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

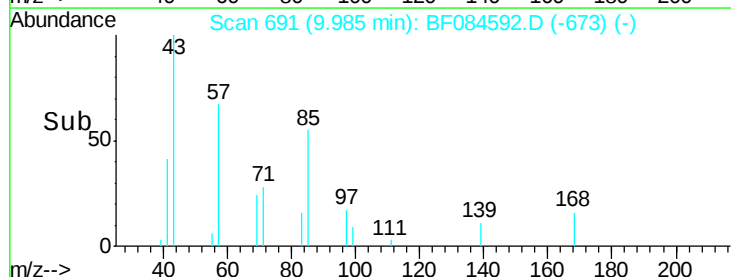
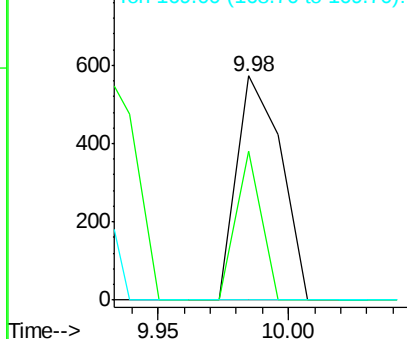


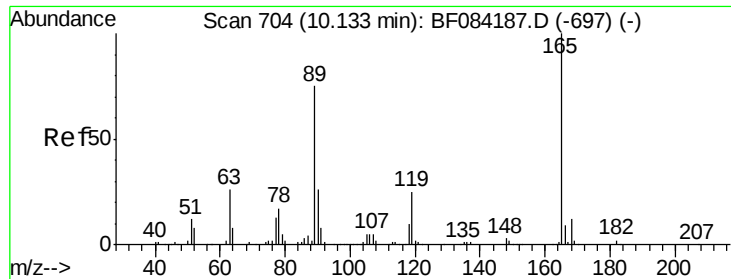
#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084592.D
Acq: 22 Jan 2016 16:32

Tgt Ion:168 Resp: 682
Ion Ratio Lower Upper
168 100
139 66.4 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

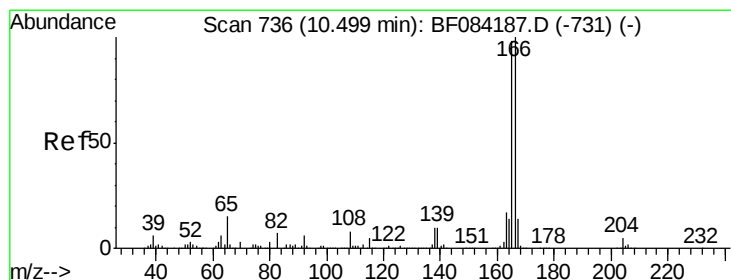
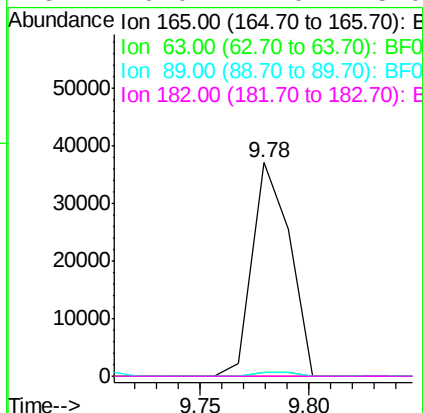
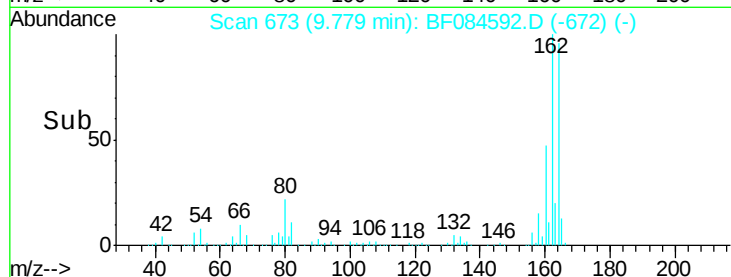
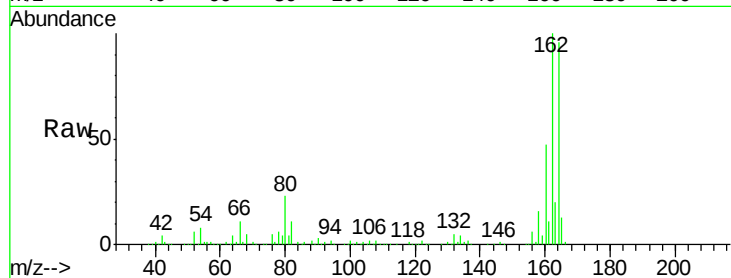




#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084592.D
Acq: 22 Jan 2016 16:32

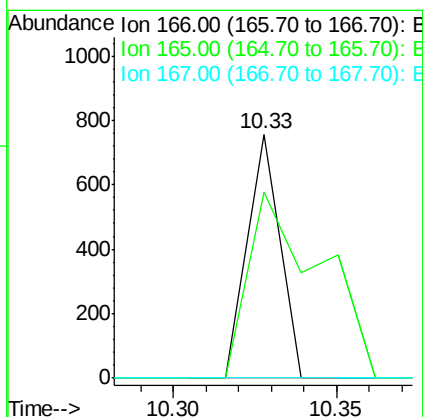
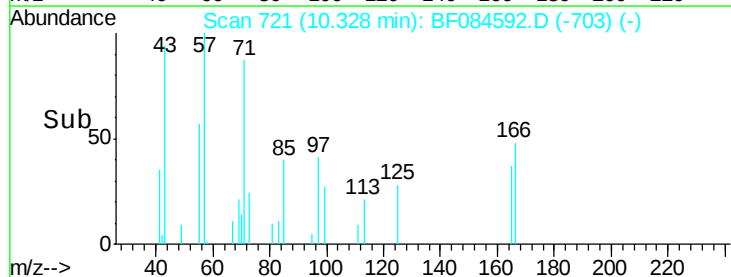
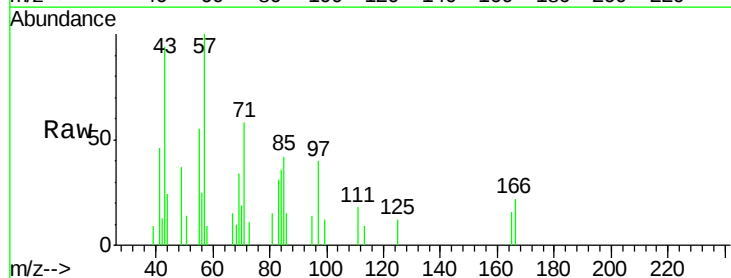
Instrument :
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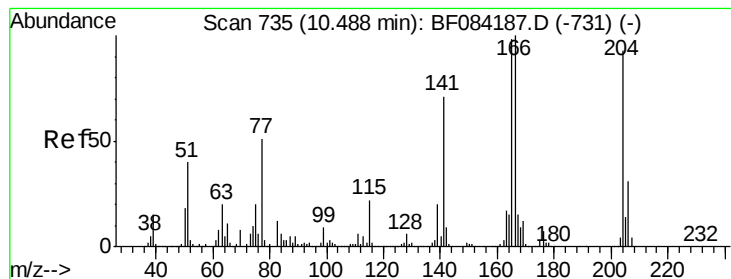
Tgt Ion:165 Resp: 44594
Ion Ratio Lower Upper
165 100
63 1.8 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084592.D
Acq: 22 Jan 2016 16:32

Tgt Ion:166 Resp: 519
Ion Ratio Lower Upper
166 100
165 76.6 79.1 118.7#
167 0.0 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.13 min Scan# 704

Delta R.T. -0.29 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

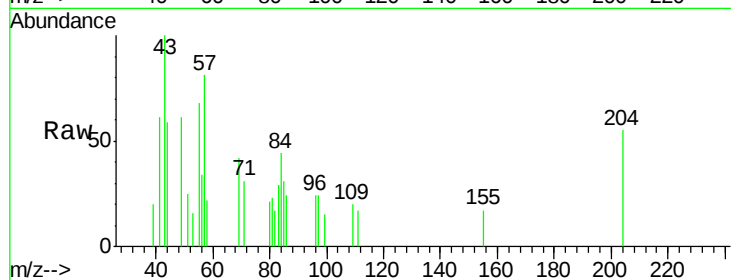
Tgt Ion:204 Resp: 816

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

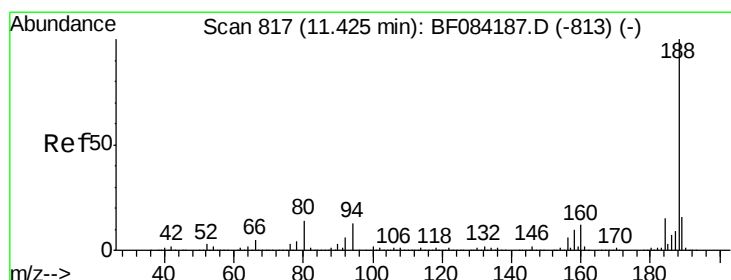
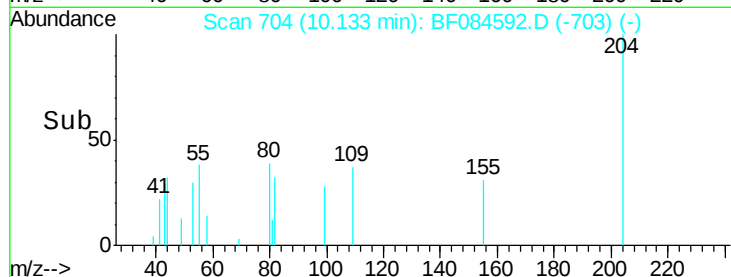
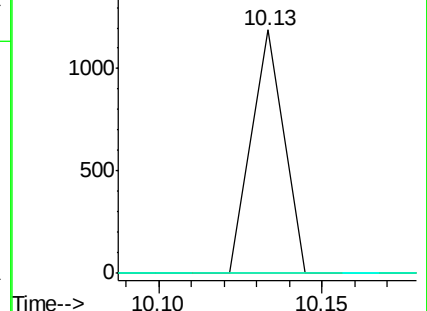
141 0.0 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

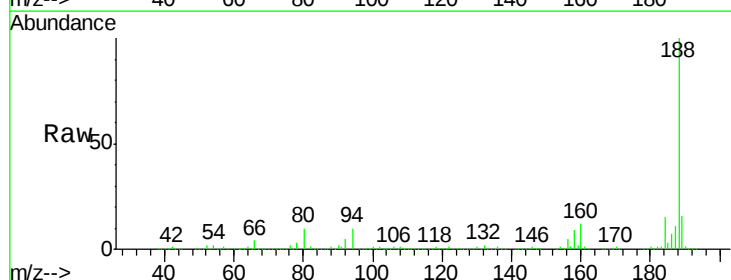
Tgt Ion:188 Resp: 677587

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

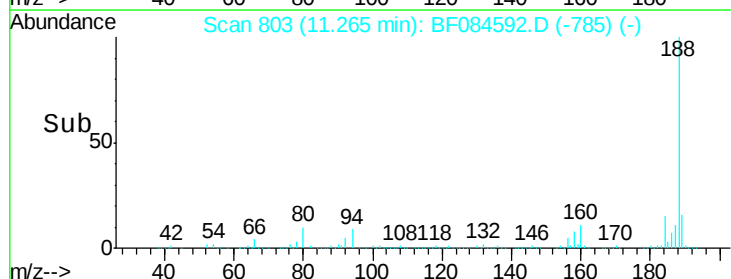
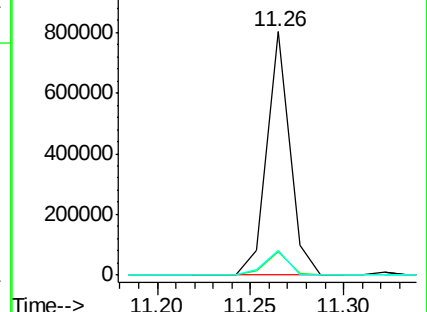
80 10.2 9.6 14.4

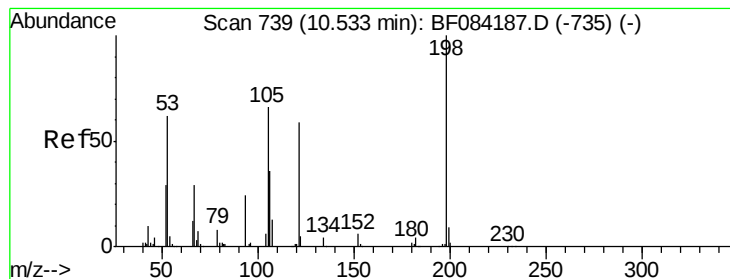


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.56 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

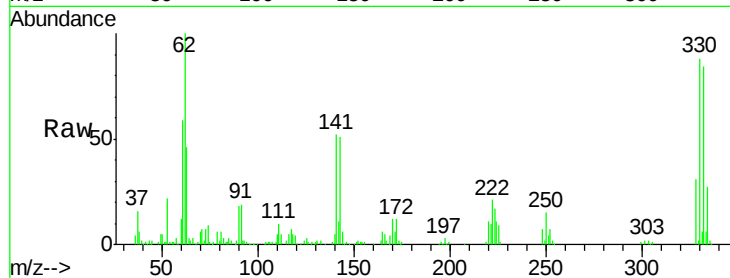
Tgt Ion:198 Resp: 760

Ion Ratio Lower Upper

198 100

51 279.1 18.9 58.9#

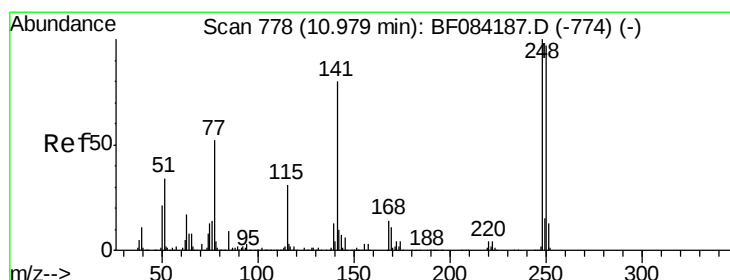
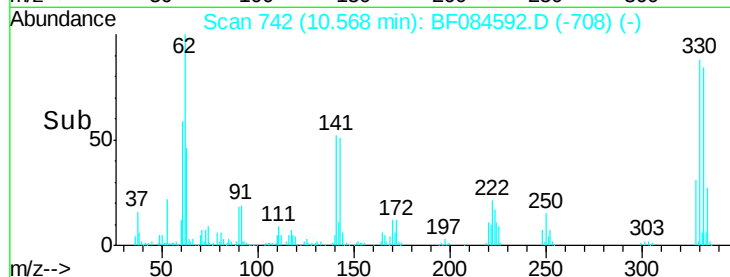
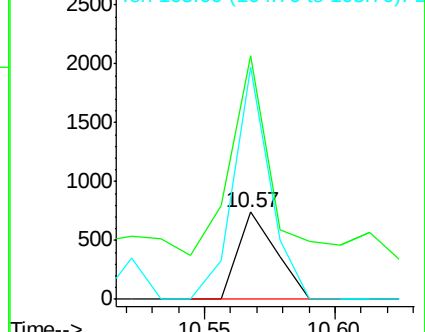
105 265.6 26.4 66.4#



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: 2.93 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.34 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

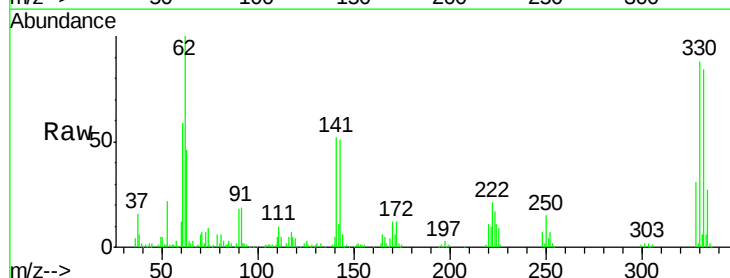
Tgt Ion:248 Resp: 21375

Ion Ratio Lower Upper

248 100

250 217.2 78.4 117.6#

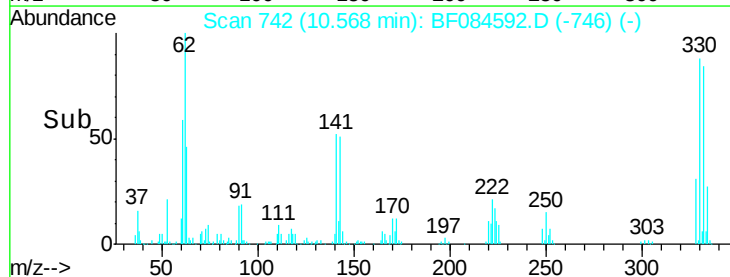
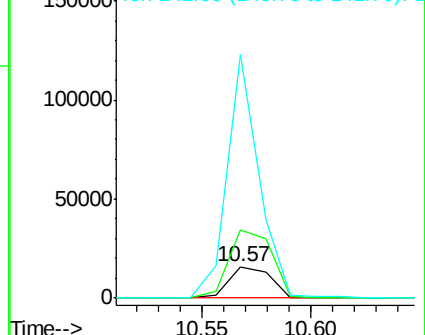
141 771.4 44.0 66.0#

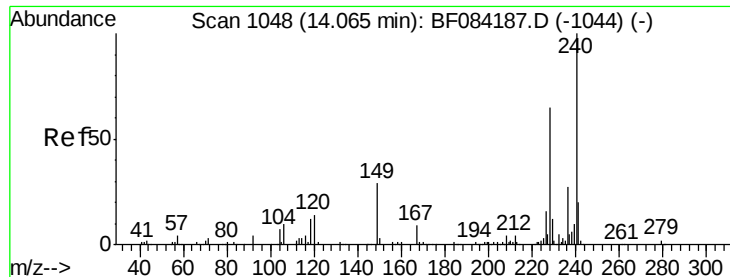


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-02

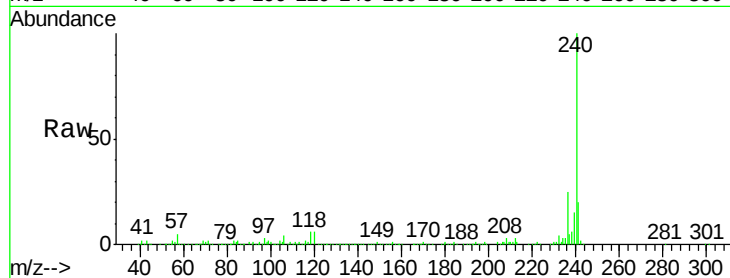
Tgt Ion:240 Resp: 521564

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

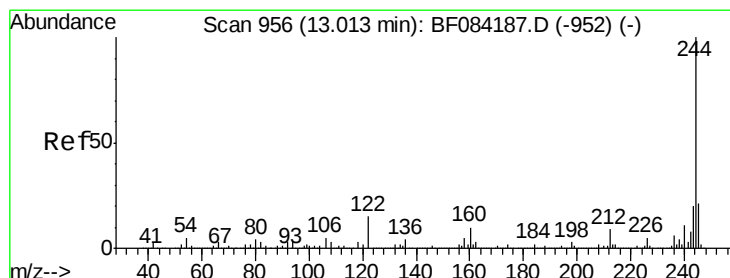
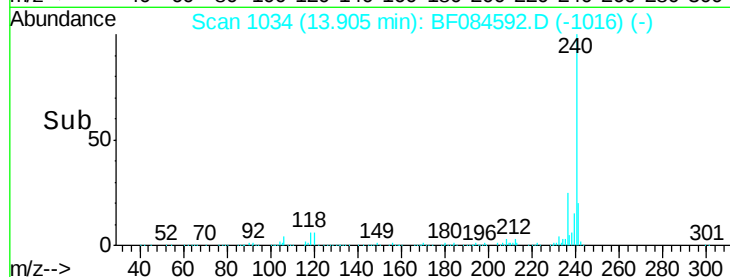
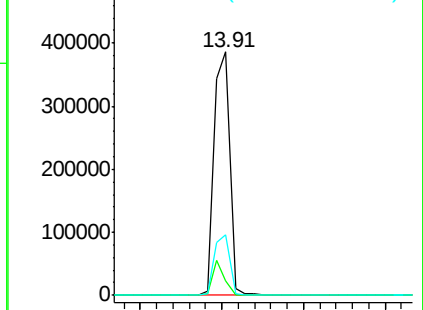
236 24.8 20.6 31.0



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: 66.52 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.09 min

Lab File: BF084592.D

Acq: 22 Jan 2016 16:32

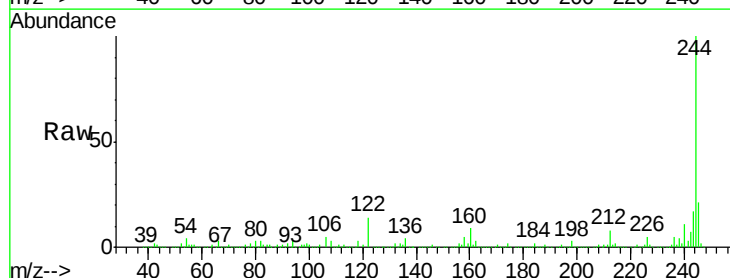
Tgt Ion:244 Resp: 1554370

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

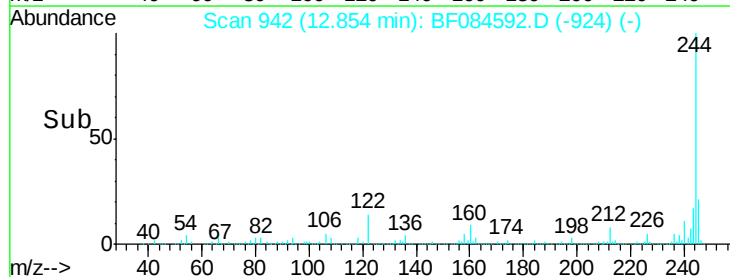
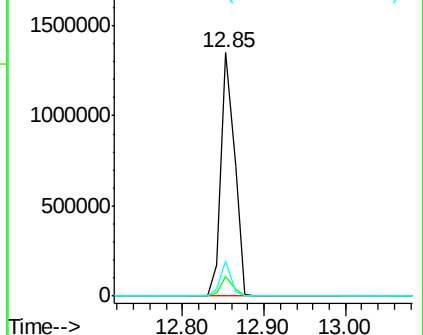
122 14.3 7.4 11.0#

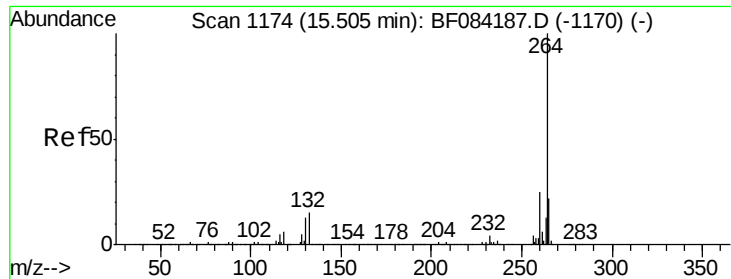


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

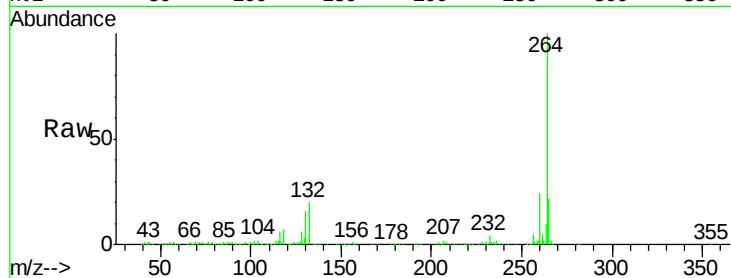




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084592.D
Acq: 22 Jan 2016 16:32

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.0	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

