

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084595.D
 Acq On : 22 Jan 2016 17:55
 Operator : SJ/IZ
 Sample : H1187-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01

Quant Time: Jan 22 22:10:32 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	458501	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	836085	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	382513	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	736819	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	551679	20.00	ng	-0.10
86) Perylene-d12	15.29	264	417429	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	920389	32.47	ng	-0.09
7) Phenol-d6	6.40	99	1563070	43.90	ng	-0.08
23) Nitrobenzene-d5	7.31	82	865112	57.59	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	369796	95.76	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1515687	68.48	ng	-0.08
78) Terphenyl-d14	12.85	244	1312721	53.11	ng	-0.09

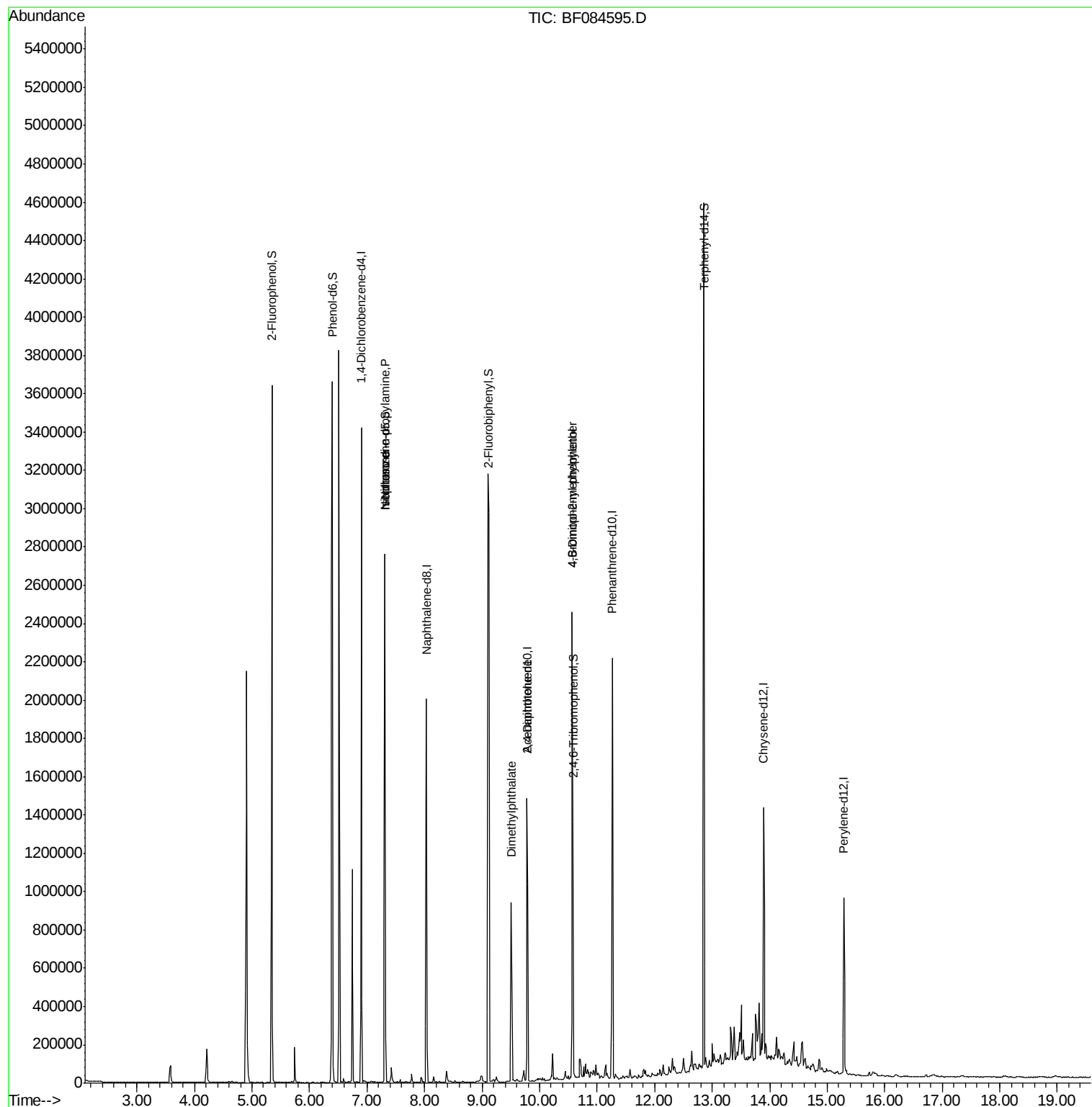
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	117590	4.88	ng	# 70
25) Isophorone	7.31	82	687420	23.93	ng	# 66
49) Dimethylphthalate	9.50	163	461202	16.87	ng	# 89
54) Dibenzofuran	9.98	168	310	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.78	165	49478	6.52	ng	# 21
57) Fluorene	10.57	166	14129	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.57	198	770	6.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	21241	2.68	ng	# 1
73) Di-n-butylphthalate	11.84	149	15347	Below Cal		97

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

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P001-SS015-7278-01

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



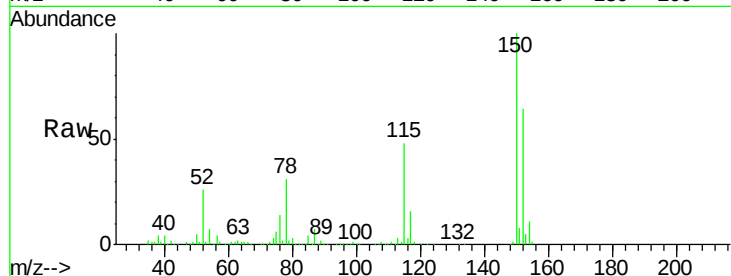


#1

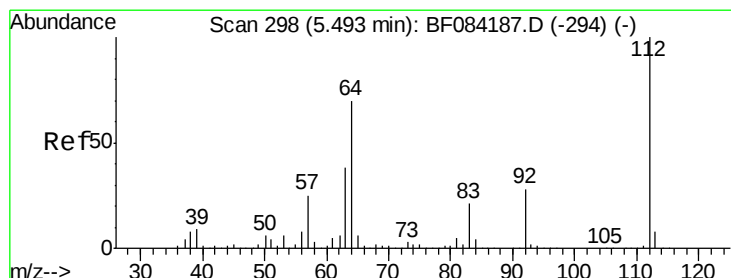
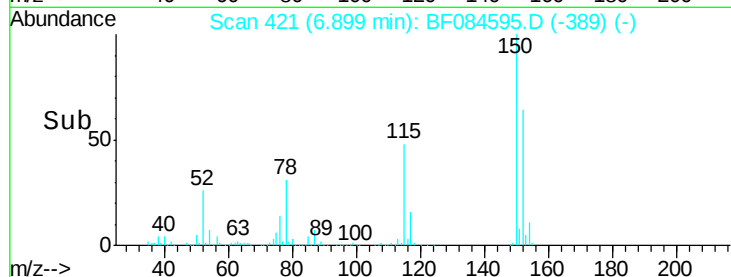
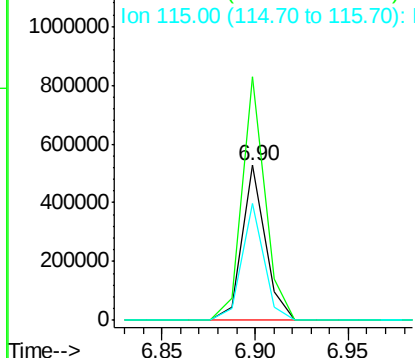
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084595.D
Acq: 22 Jan 2016 17:55

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01

Tgt Ion:152 Resp: 458501
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 75.7 51.4 77.2



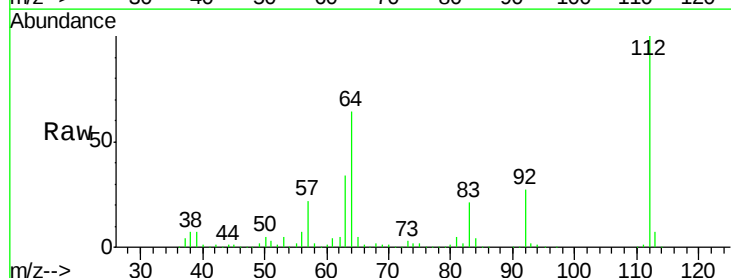
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



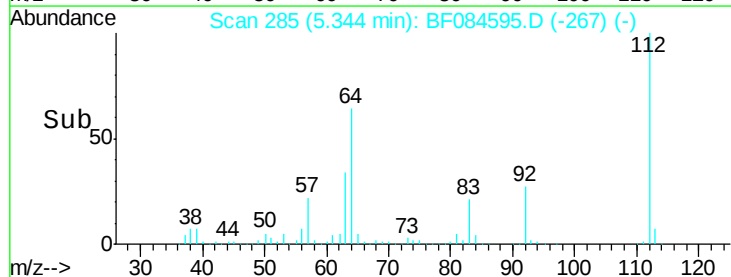
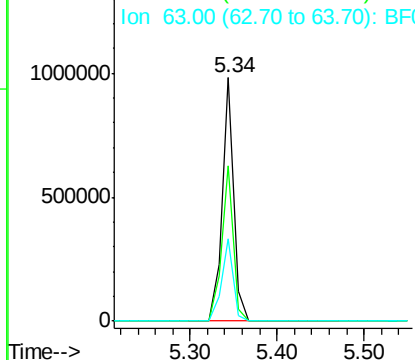
#5

2-Fluorophenol
Concen: 32.47 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.09 min
Lab File: BF084595.D
Acq: 22 Jan 2016 17:55

Tgt Ion:112 Resp: 920389
Ion Ratio Lower Upper
112 100
64 63.8 36.6 55.0#
63 33.9 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: 43.90 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01

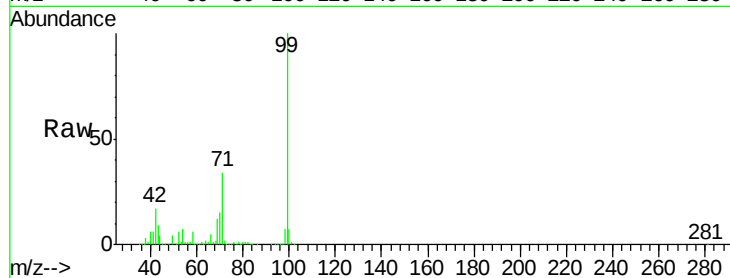
Tgt Ion: 99 Resp: 1563070

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

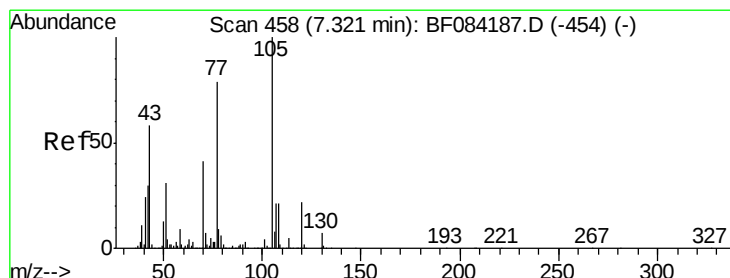
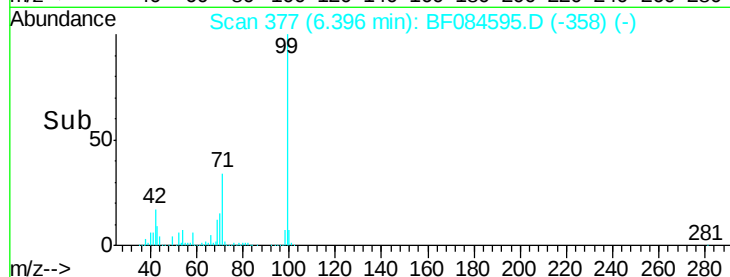
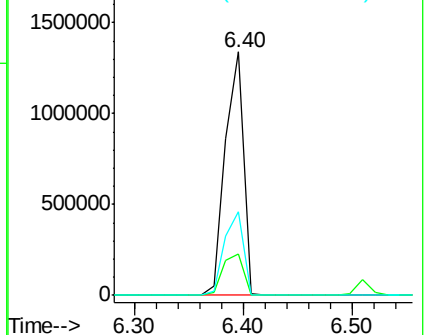
71 34.4 30.9 46.3



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: 4.88 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.06 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Tgt Ion: 70 Resp: 117590

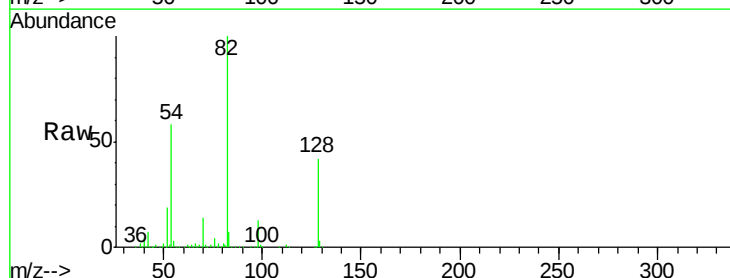
Ion Ratio Lower Upper

70 100

42 50.9 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

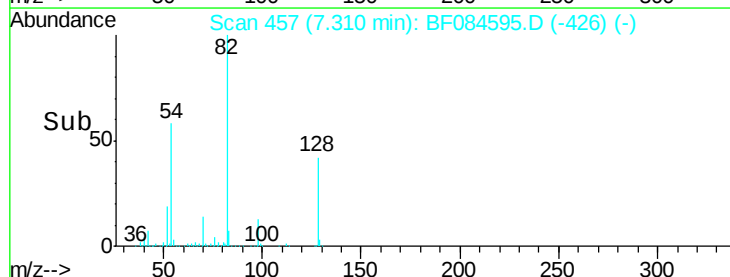
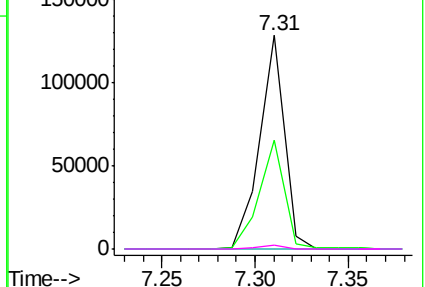


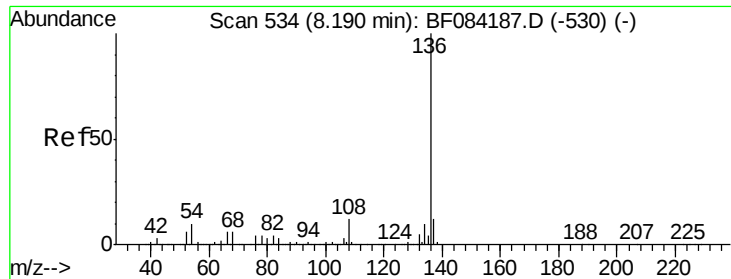
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01

Tgt Ion:136 Resp: 836085

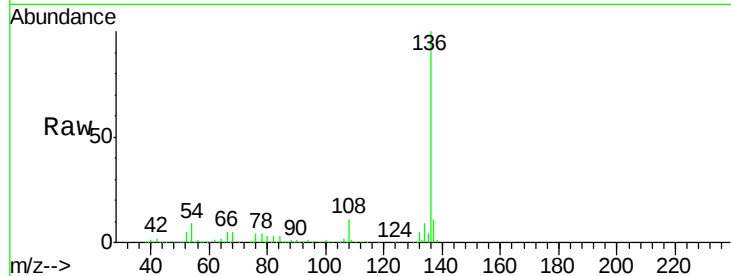
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.9 5.8 8.8#

68 4.9 4.2 6.2

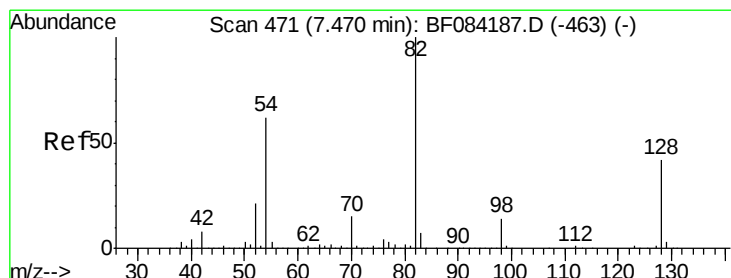
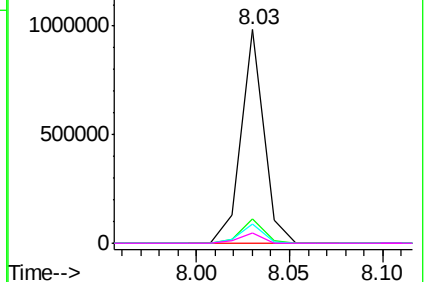
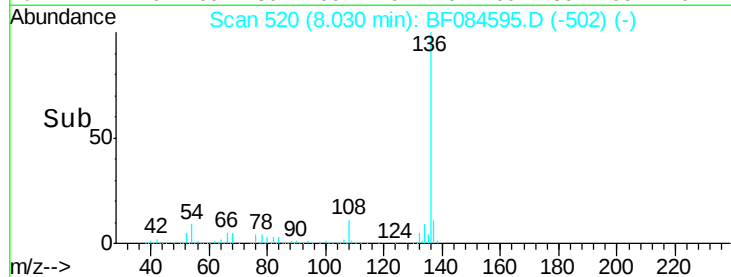


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.59 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

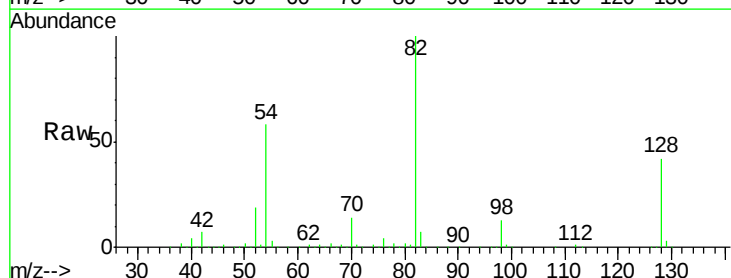
Tgt Ion: 82 Resp: 865112

Ion Ratio Lower Upper

82 100

128 42.5 34.6 51.8

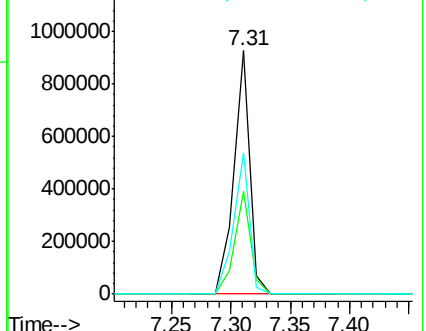
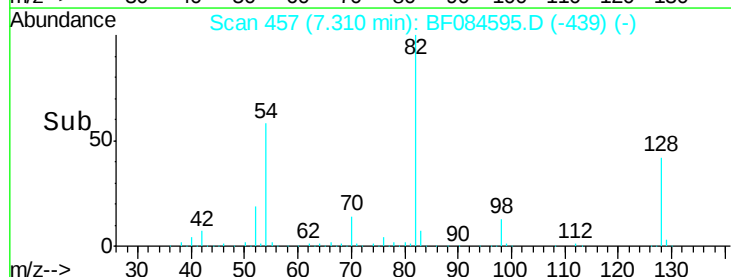
54 57.8 38.4 57.6#

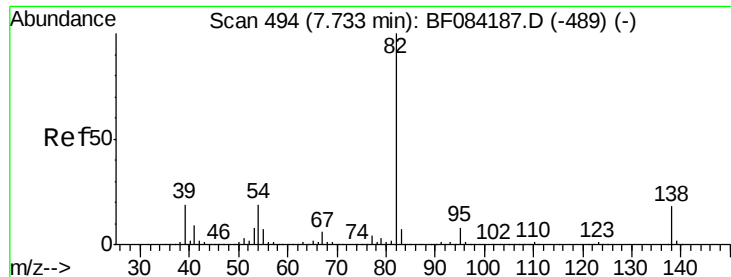


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.93 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.35 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

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ClientSampleId :

P001-SS015-7278-01

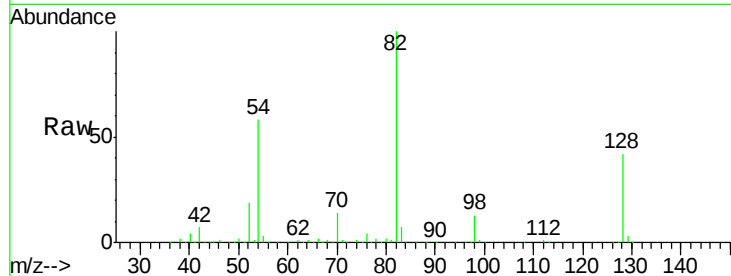
Tgt Ion: 82 Resp: 687420

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

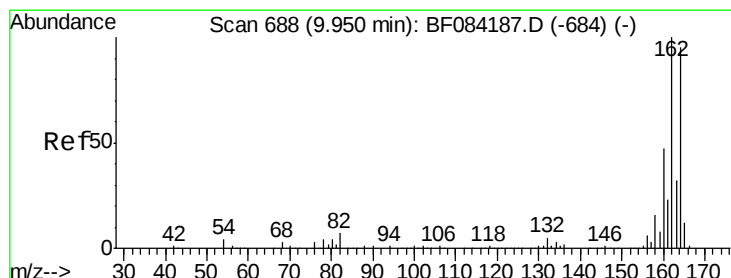
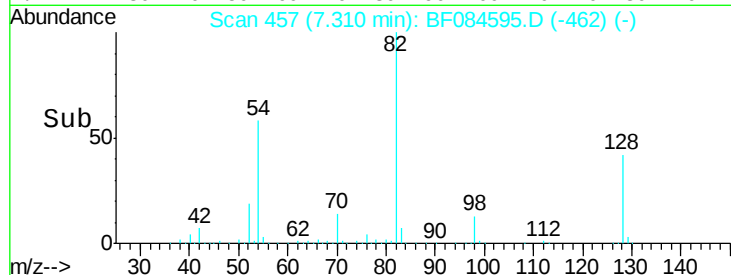
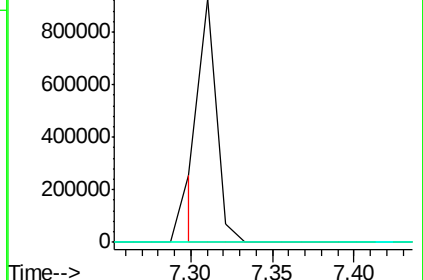
138 0.0 13.6 20.4#



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: BF084595.D

Acq: 22 Jan 2016 17:55

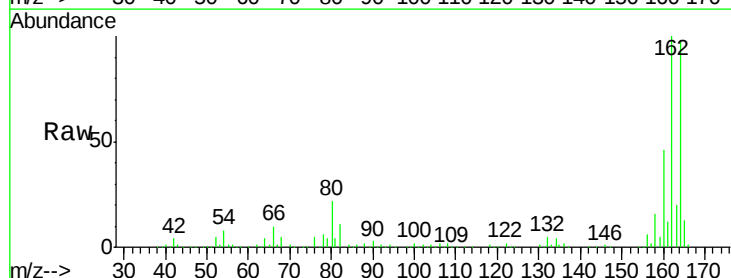
Tgt Ion: 164 Resp: 382513

Ion Ratio Lower Upper

164 100

162 102.0 85.1 127.7

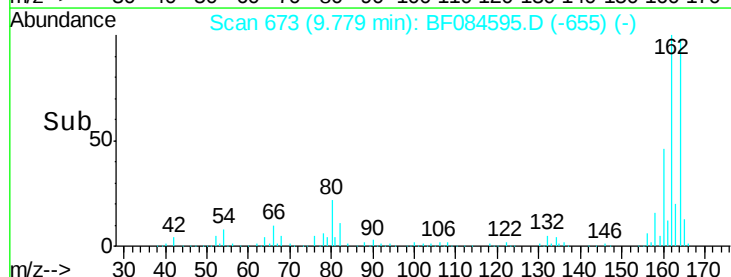
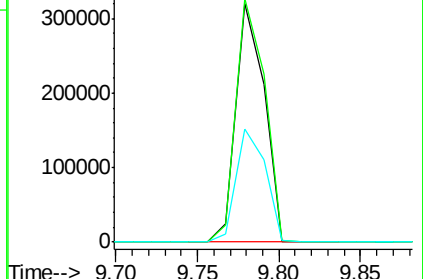
160 47.2 37.5 56.3



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

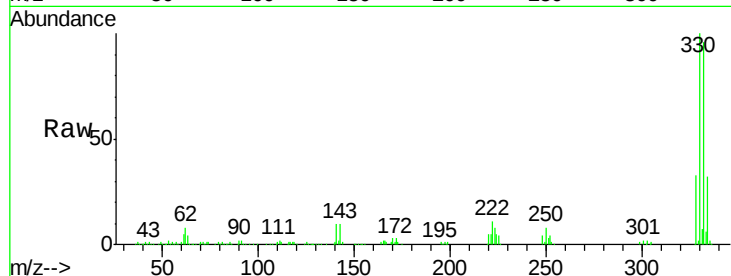




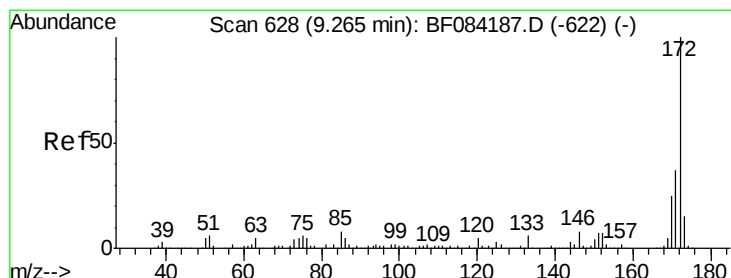
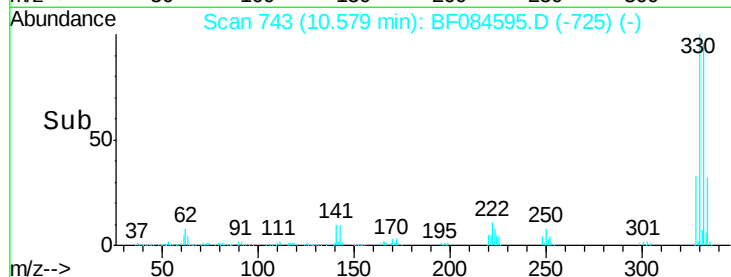
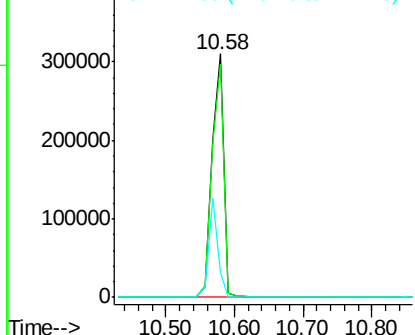
#41
 2,4,6-Tribromophenol
 Concen: 95.76 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084595.D
 Acq: 22 Jan 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01

Tgt Ion: 330 Resp: 369796
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 32.3 27.8 41.6

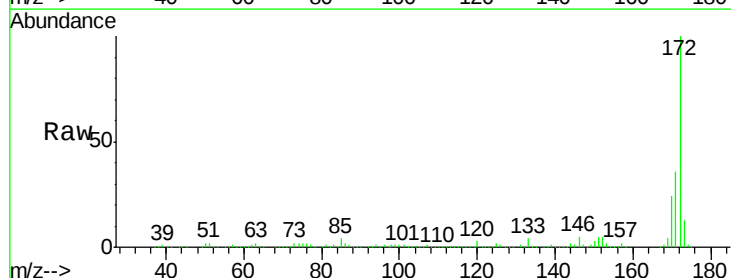


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

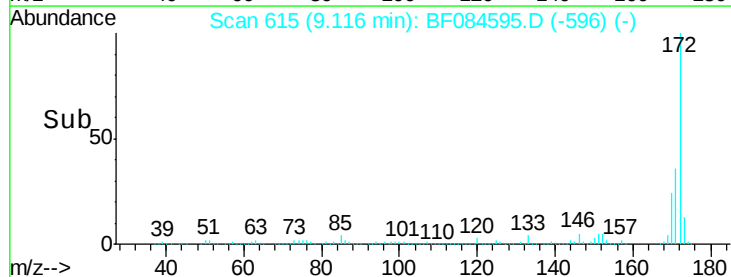
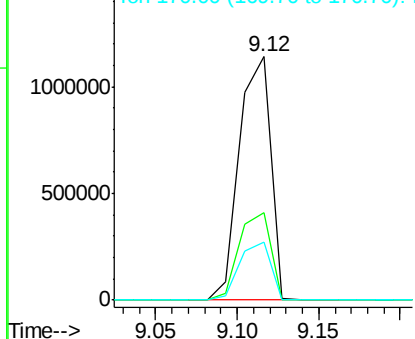


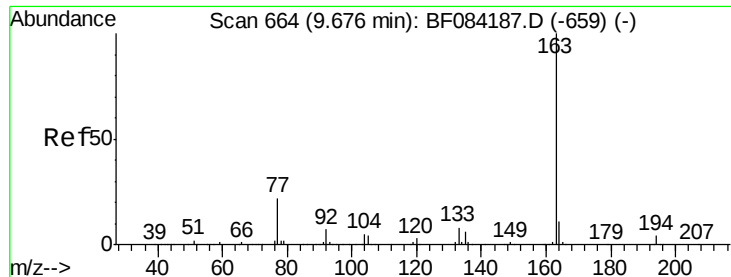
#44
 2-Fluorobiphenyl
 Concen: 68.48 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084595.D
 Acq: 22 Jan 2016 17:55

Tgt Ion: 172 Resp: 1515687
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.9 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: 16.87 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.10 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01

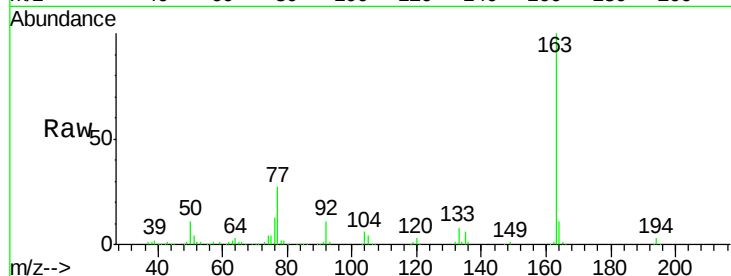
Tgt Ion:163 Resp: 461202

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

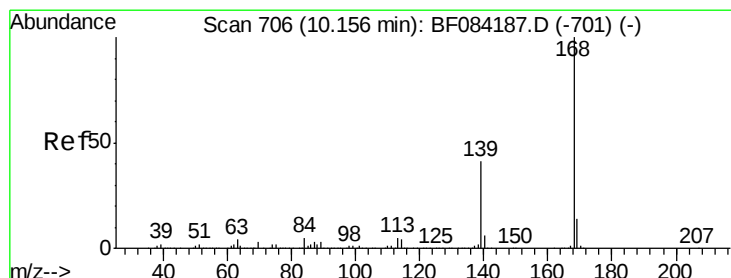
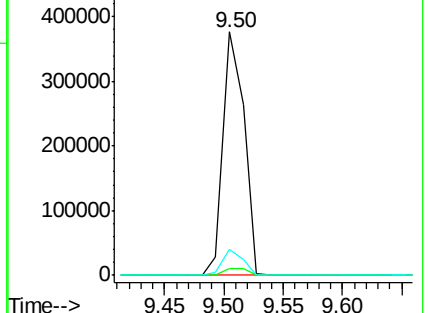
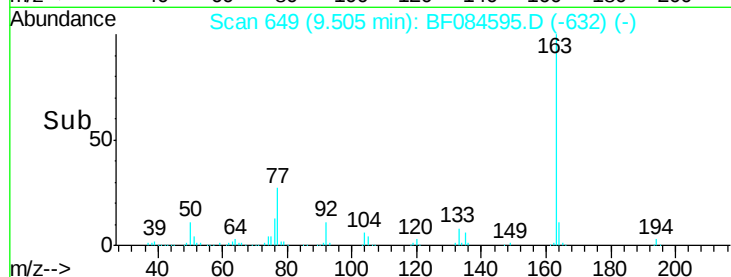
164 10.7 8.0 12.0



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: BF084595.D

Acq: 22 Jan 2016 17:55

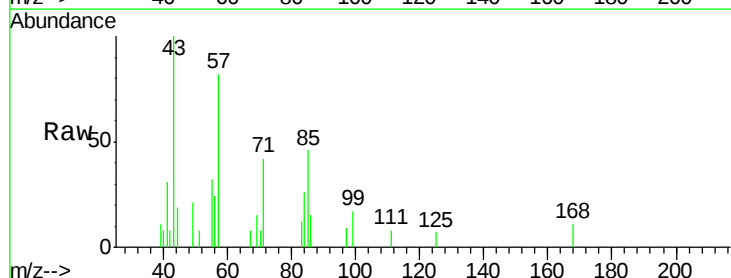
Tgt Ion:168 Resp: 310

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

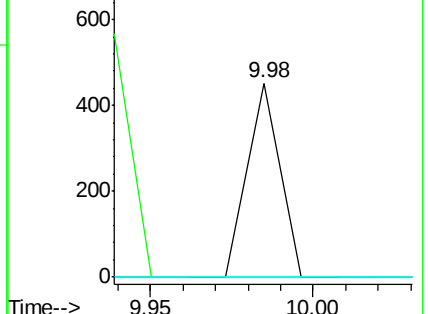
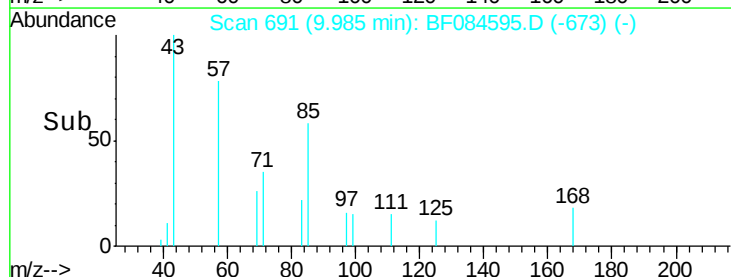
169 0.0 10.4 15.6#

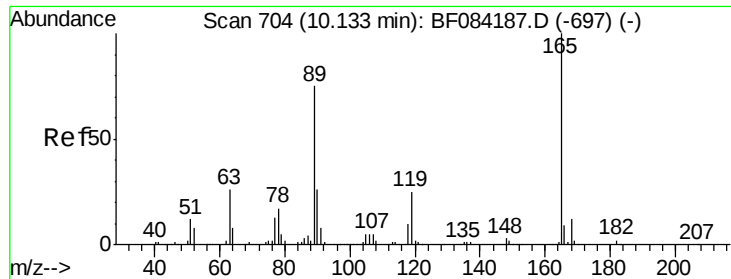


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

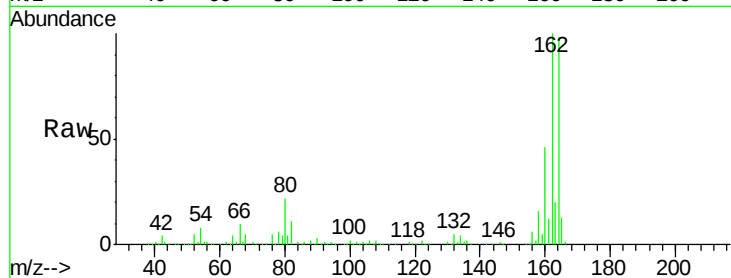




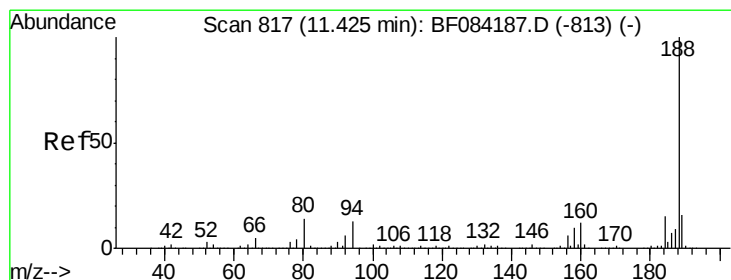
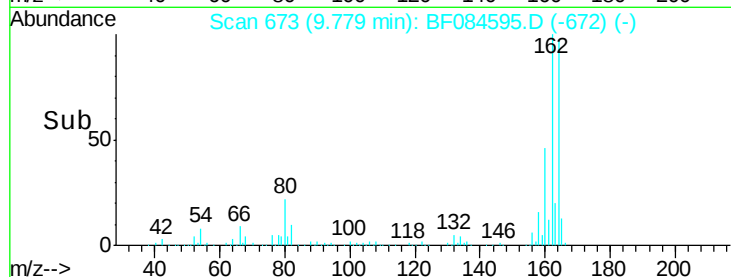
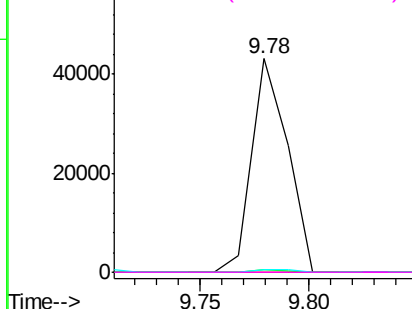
#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.29 min
 Lab File: BF084595.D
 Acq: 22 Jan 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01

Tgt Ion:165 Resp: 49478
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.4 61.9 92.9#
 182 0.0 2.0 3.0#

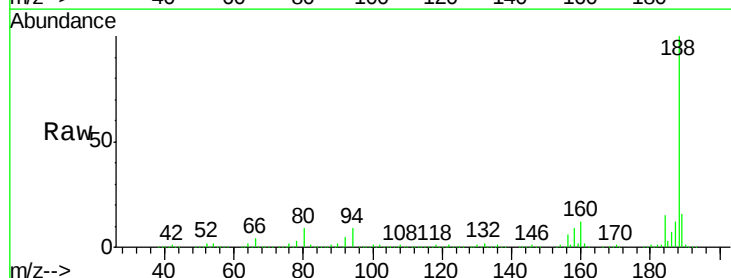


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

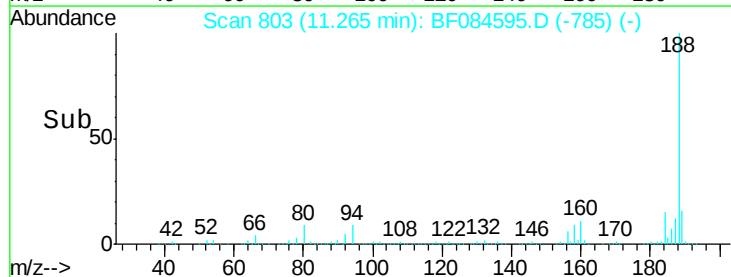
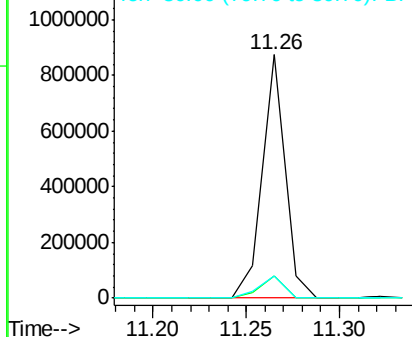


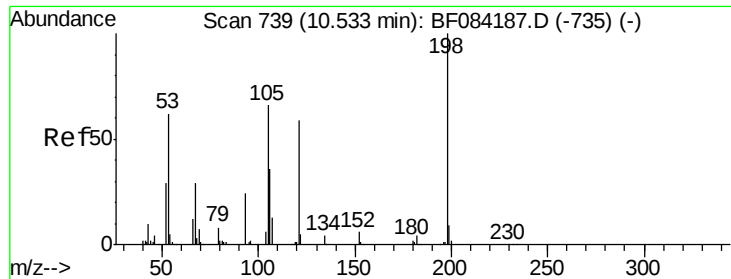
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.09 min
 Lab File: BF084595.D
 Acq: 22 Jan 2016 17:55

Tgt Ion:188 Resp: 736819
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.0 13.4
 80 9.2 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: 6.55 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.09 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01

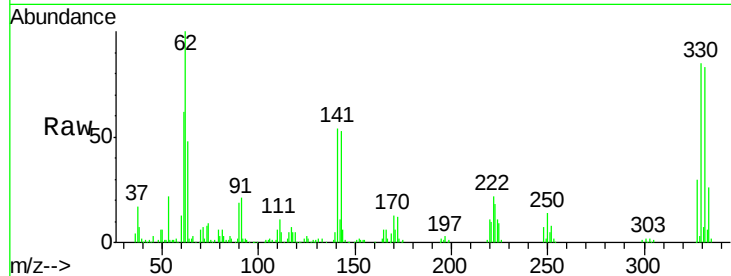
Tgt Ion:198 Resp: 770

Ion Ratio Lower Upper

198 100

51 361.4 18.9 58.9#

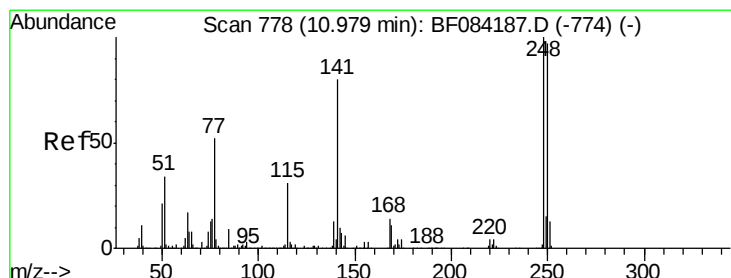
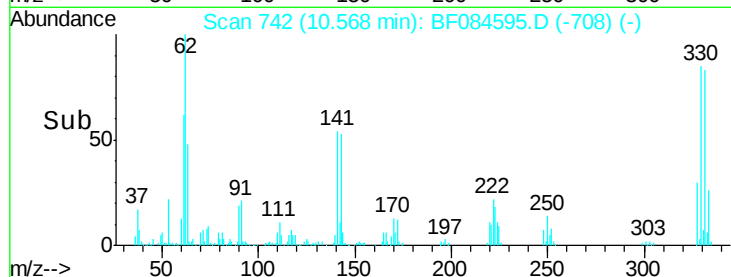
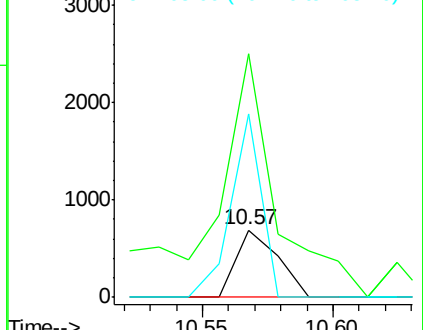
105 273.1 26.4 66.4#



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: 2.68 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.34 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

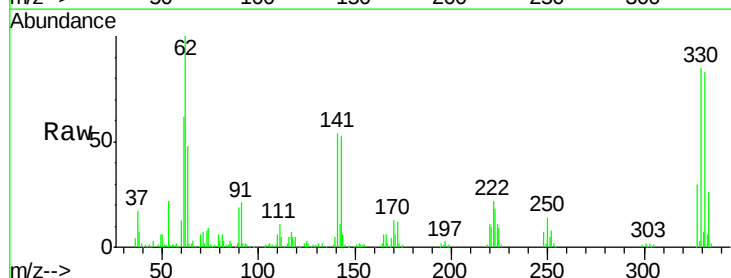
Tgt Ion:248 Resp: 21241

Ion Ratio Lower Upper

248 100

250 200.8 78.4 117.6#

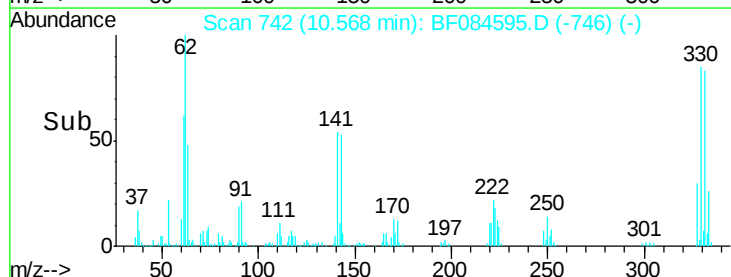
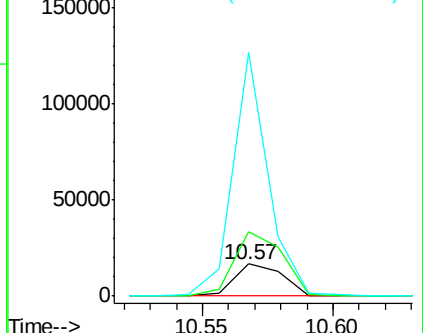
141 762.3 44.0 66.0#

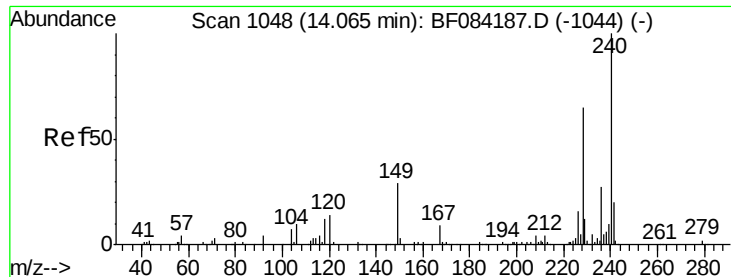


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.10 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01

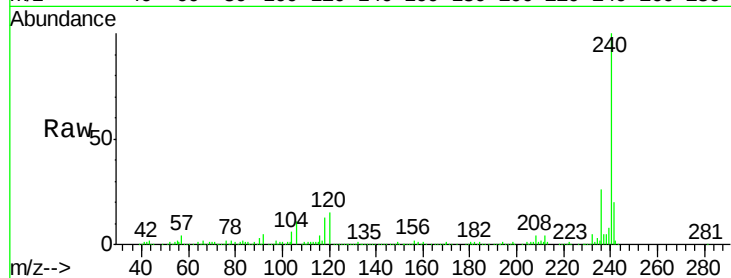
Tgt Ion:240 Resp: 551679

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

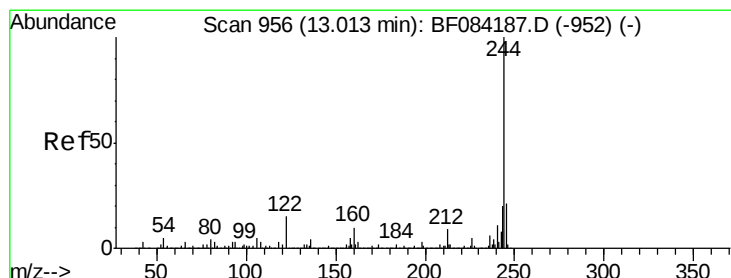
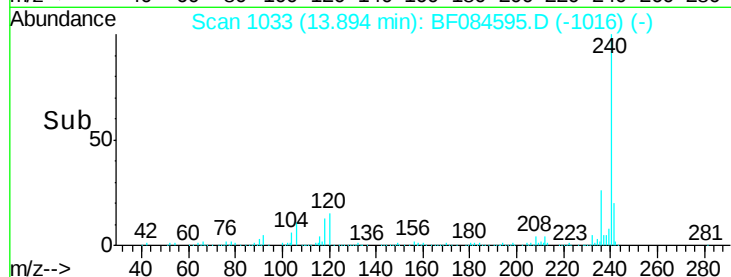
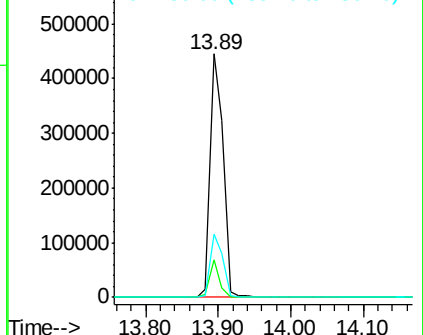
236 25.9 20.6 31.0



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: 53.11 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.09 min

Lab File: BF084595.D

Acq: 22 Jan 2016 17:55

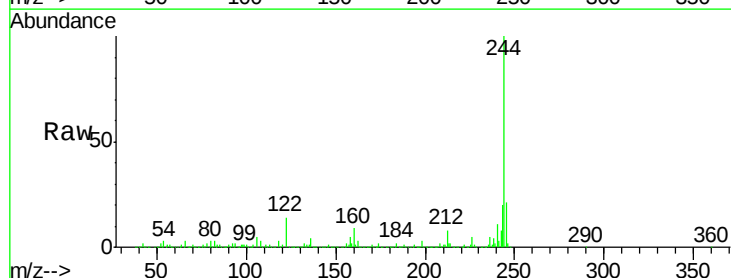
Tgt Ion:244 Resp: 1312721

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

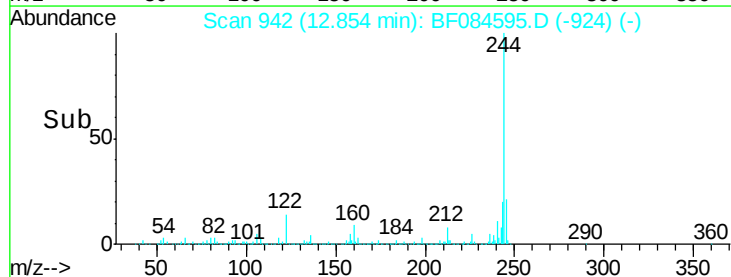
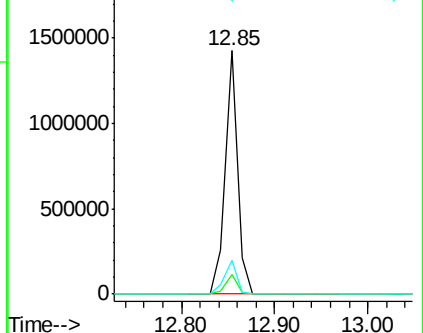
122 13.6 7.4 11.0#

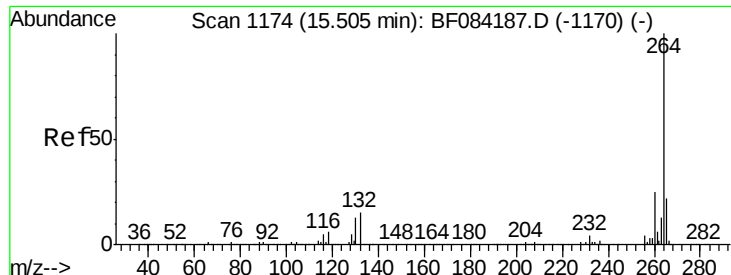


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

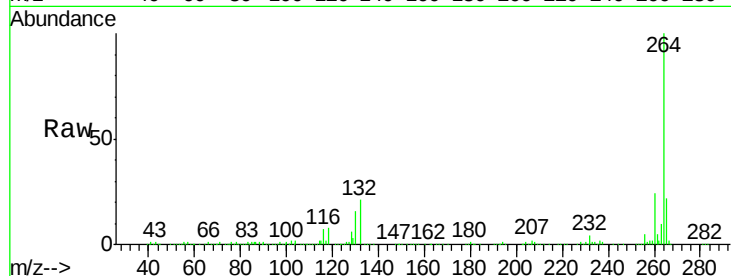




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084595.D
Acq: 22 Jan 2016 17:55

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	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

