

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084593.D
 Acq On : 22 Jan 2016 17:00
 Operator : SJ/IZ
 Sample : H1187-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-3036-01

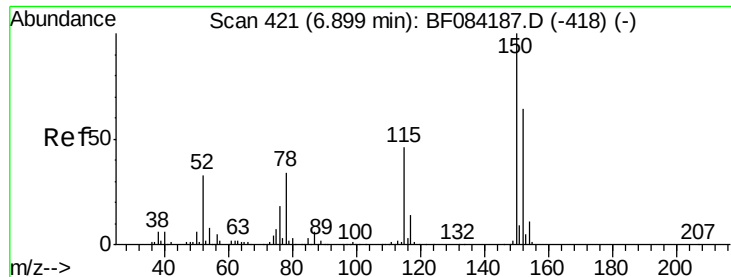
Quant Time: Jan 22 22:09:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	602054	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	809123	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	367322	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	696387	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	539624	20.00	ng	-0.09
86) Perylene-d12	15.29	264	396018	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1579273	42.43	ng	-0.09
7) Phenol-d6	6.40	99	1776668	38.01	ng	-0.08
23) Nitrobenzene-d5	7.31	82	1089801	74.96	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	510510	137.66	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1932759	93.17	ng	-0.08
78) Terphenyl-d14	12.85	244	1844460	76.30	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	149797	4.73	ng	# 71
25) Isophorone	7.31	82	903057	32.48	ng	# 66
32) Benzoic acid	7.76	122	1498	6.40	ng	# 95
49) Dimethylphthalate	9.52	163	681577	25.95	ng	# 91
54) Dibenzofuran	9.98	168	546	Below Cal		# 74
56) 2,4-Dinitrotoluene	9.78	165	47525	6.52	ng	# 22
57) Fluorene	10.33	166	607	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.57	198	1201	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.58	248	30917	4.12	ng	# 1
73) Di-n-butylphthalate	11.84	149	20948	Below Cal		# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.07 min

Lab File: BF084593.D

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P001-SS016-3036-01

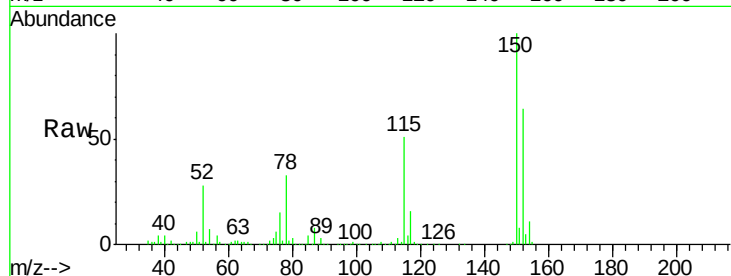
Tgt Ion:152 Resp: 602054

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

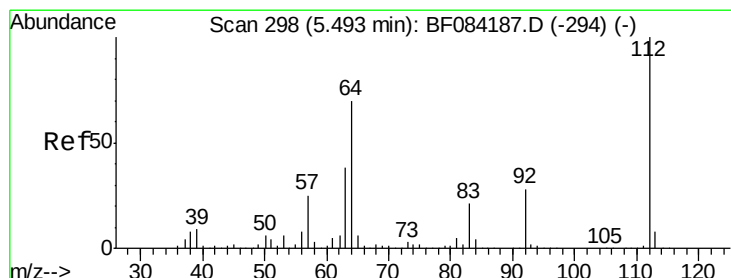
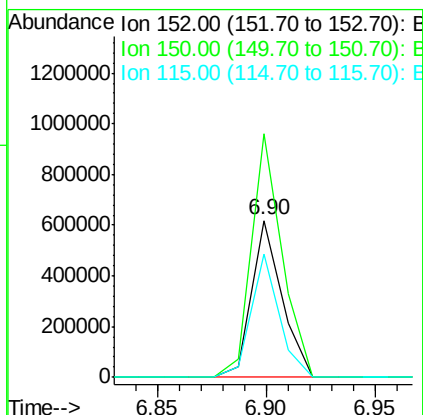
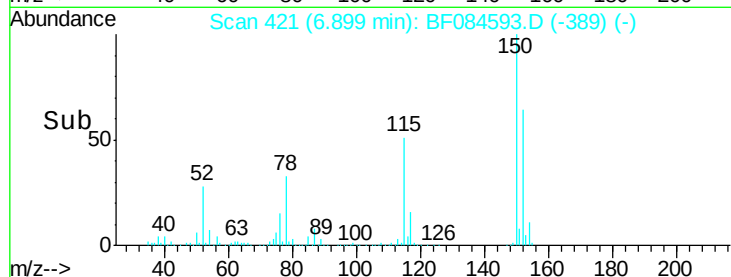
115 78.7 51.4 77.2#



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: 42.43 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

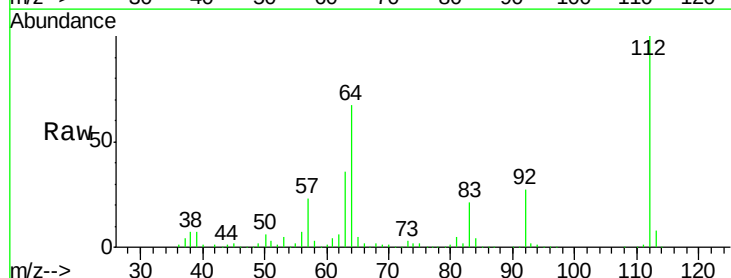
Tgt Ion:112 Resp: 1579273

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

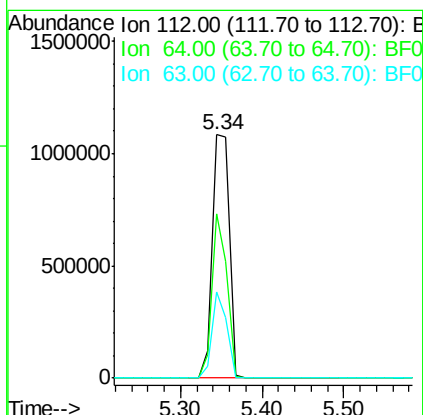
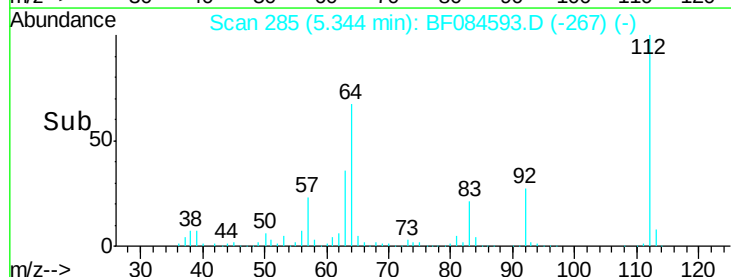
63 35.6 19.4 29.0#

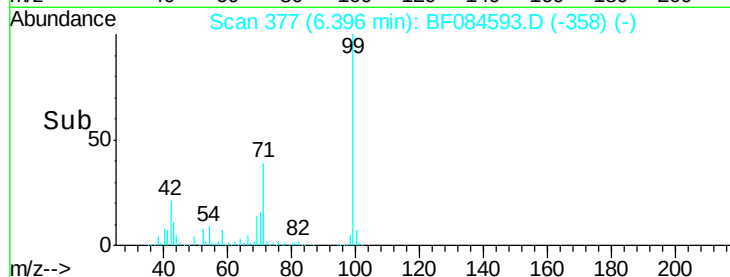
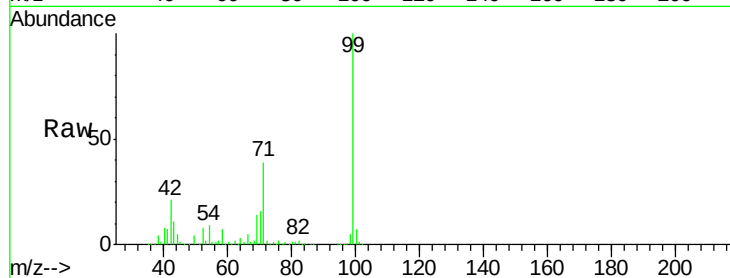
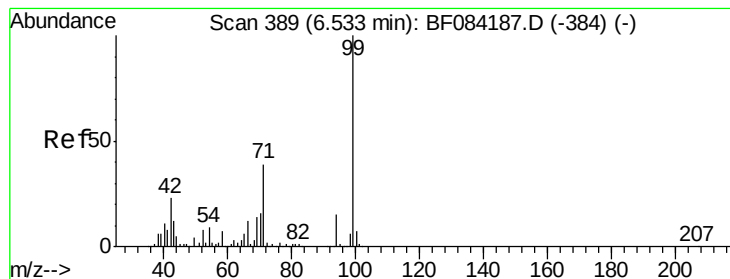


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.01 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS016-3036-01

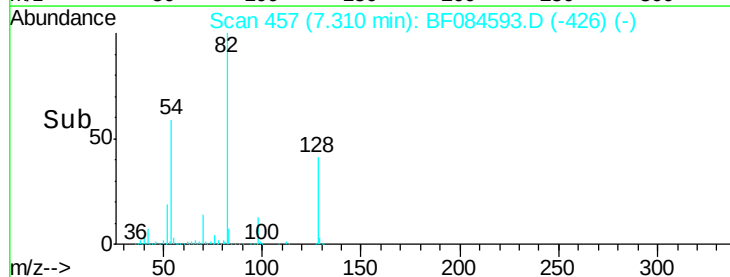
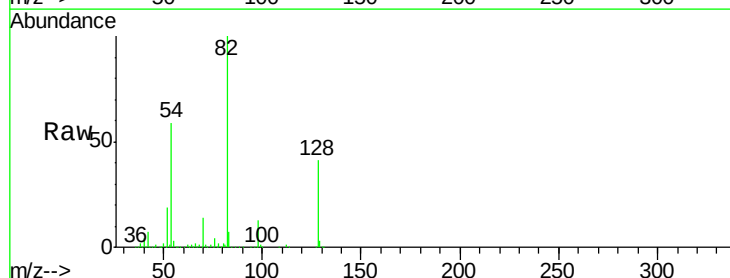
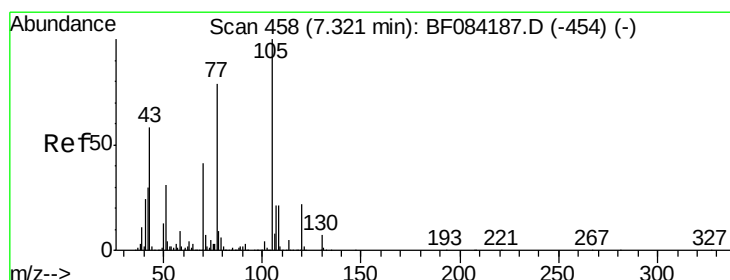
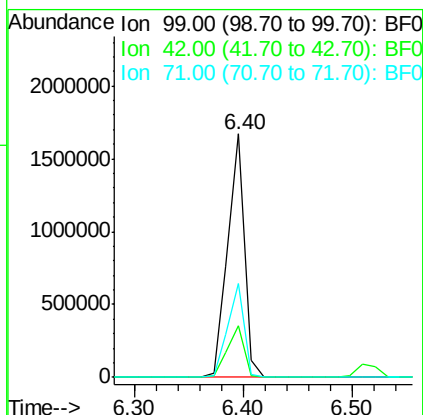
Tgt Ion: 99 Resp: 1776668

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

71 38.7 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.73 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.06 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

Tgt Ion: 70 Resp: 149797

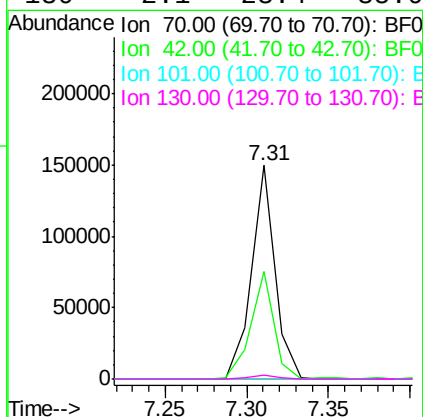
Ion Ratio Lower Upper

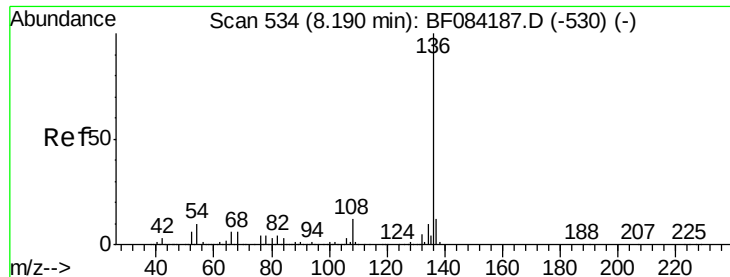
70 100

42 50.2 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: BF084593.D

Acq: 22 Jan 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS016-3036-01

Tgt Ion:136 Resp: 809123

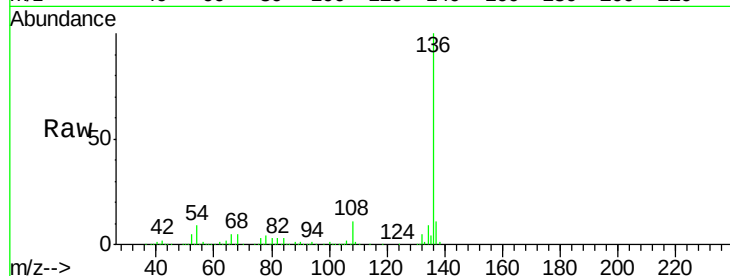
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.8 5.8 8.8#

68 5.0 4.2 6.2

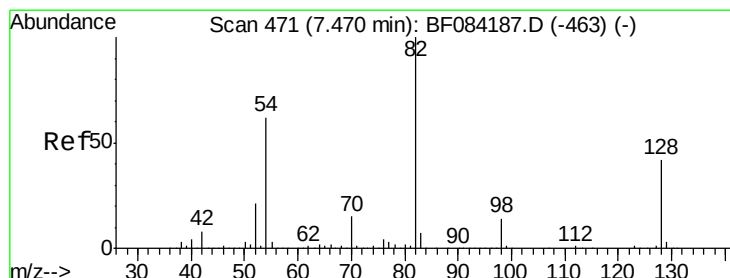
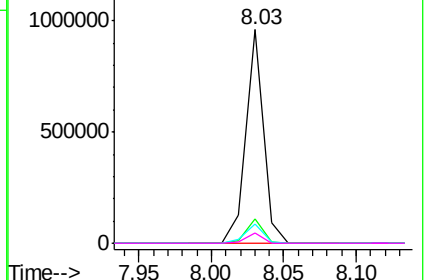
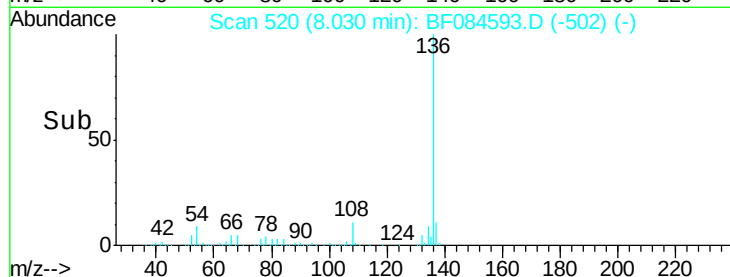


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.96 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

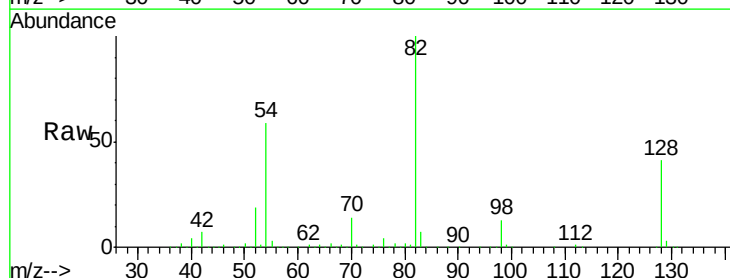
Tgt Ion: 82 Resp: 1089801

Ion Ratio Lower Upper

82 100

128 41.2 34.6 51.8

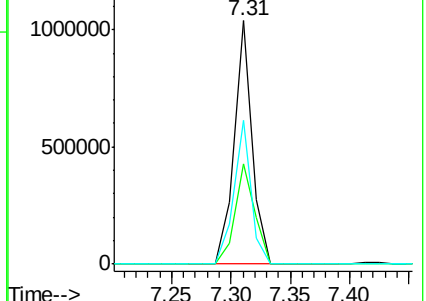
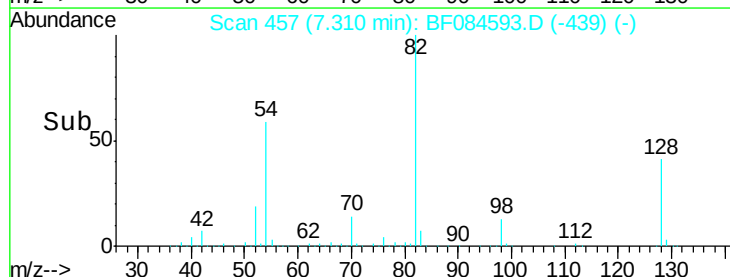
54 58.9 38.4 57.6#

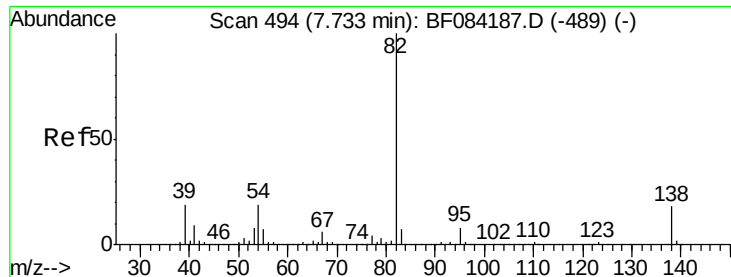


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

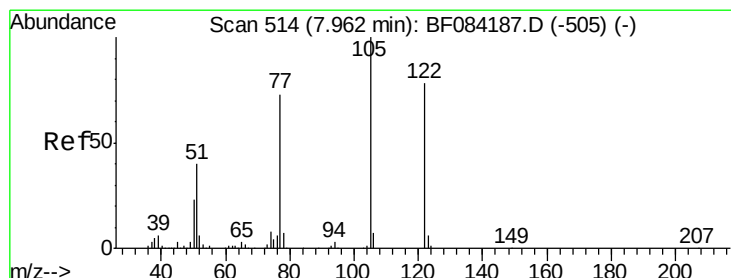
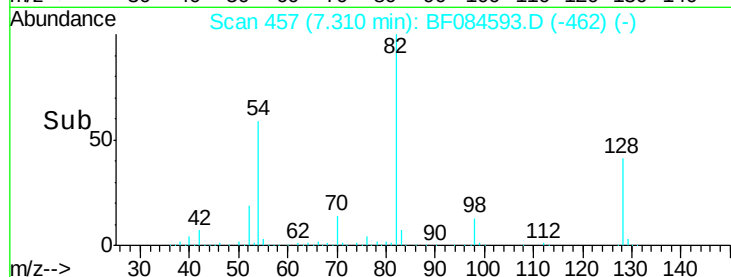
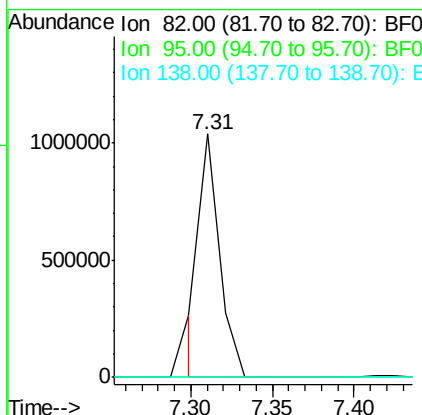
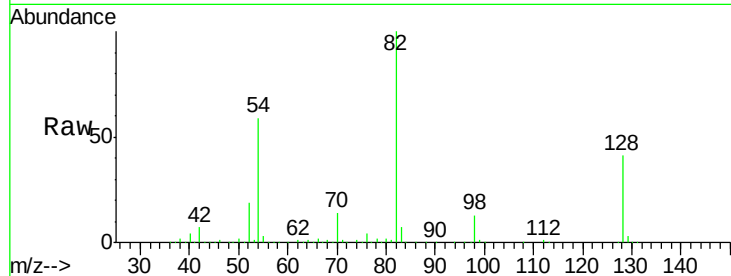




#25
Isophorone
Concen: 32.48 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.35 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

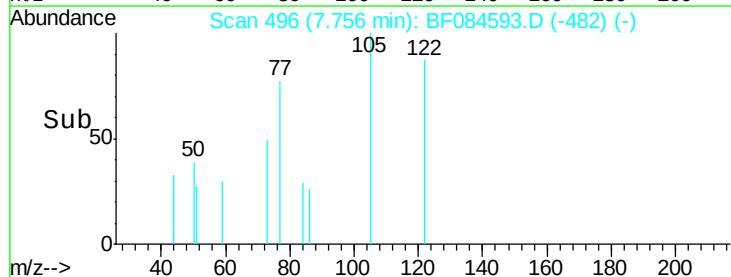
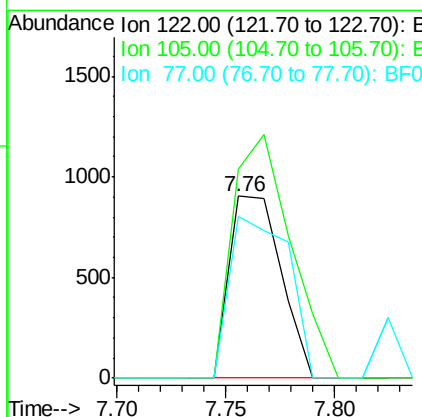
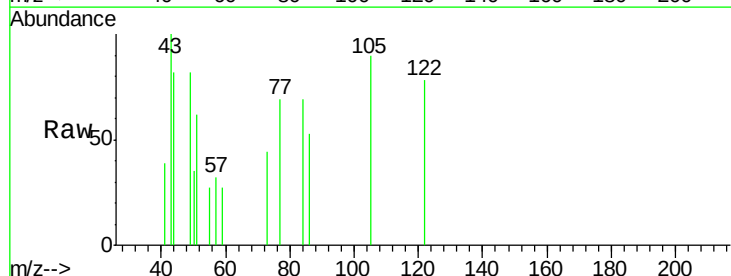
Instrument :
BNA_F
ClientSampleId :
P001-SS016-3036-01

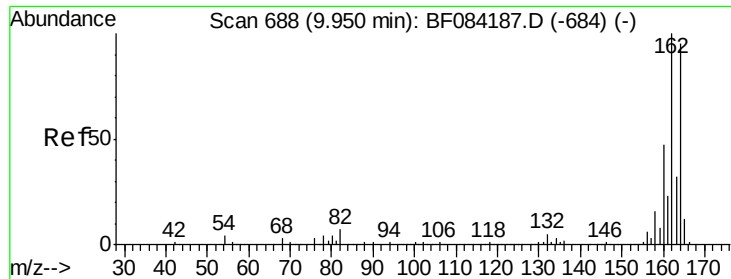
Tgt Ion: 82 Resp: 903057
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#



#32
Benzoic acid
Concen: 6.40 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.14 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

Tgt Ion: 122 Resp: 1498
Ion Ratio Lower Upper
122 100
105 115.2 100.3 140.3
77 88.7 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS016-3036-01

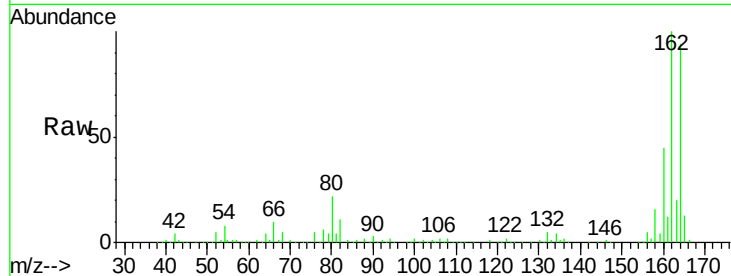
Tgt Ion:164 Resp: 367322

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

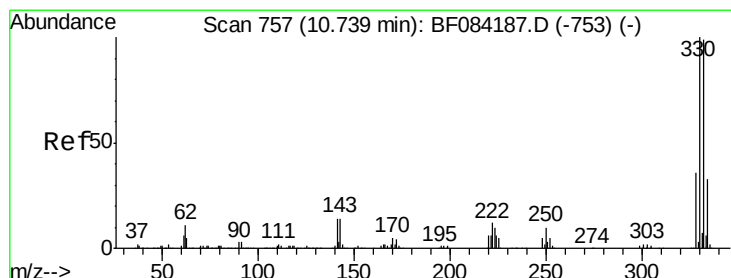
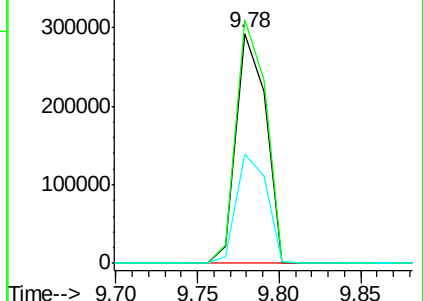
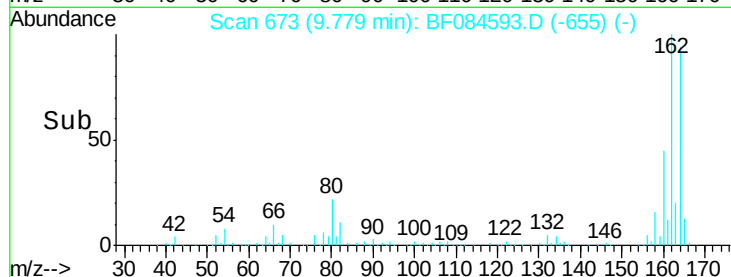
160 47.6 37.5 56.3



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: 137.66 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

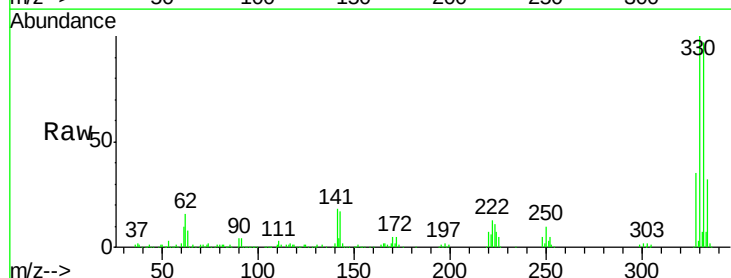
Tgt Ion:330 Resp: 510510

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

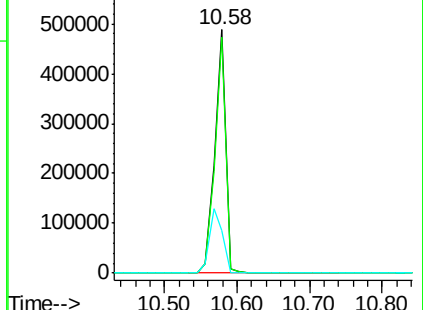
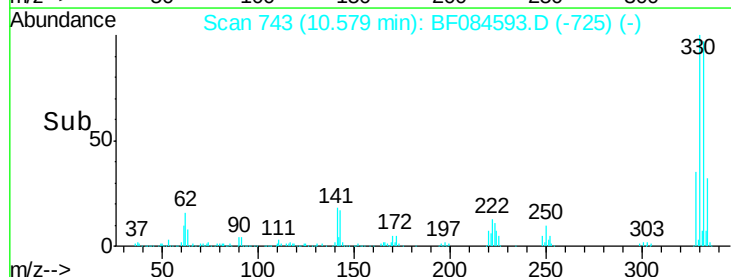
141 32.2 27.8 41.6

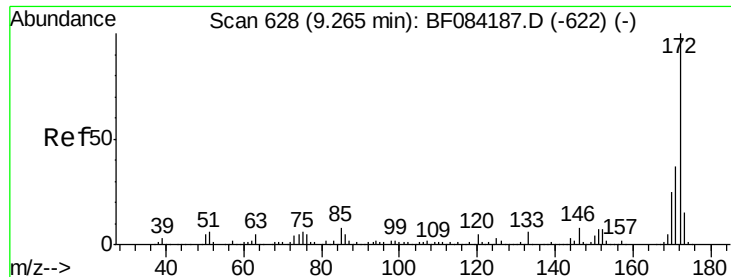


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

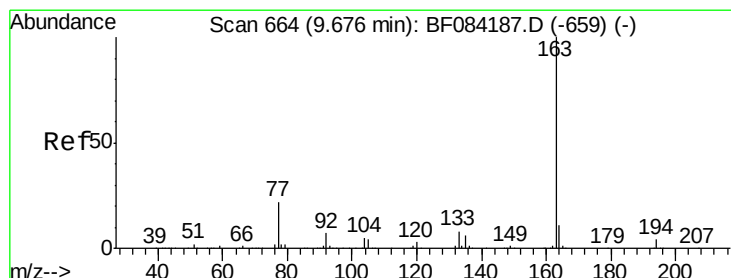
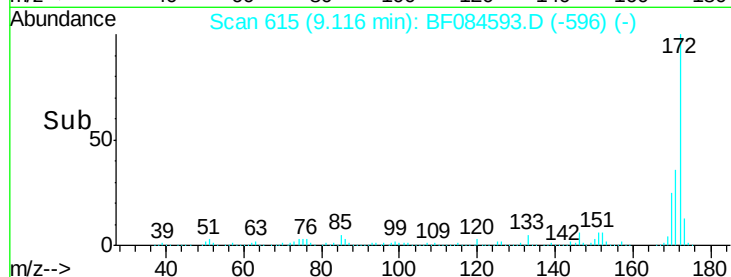
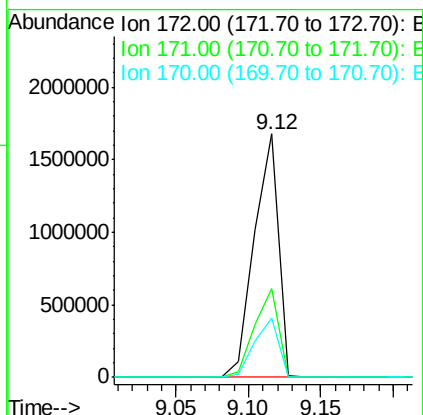
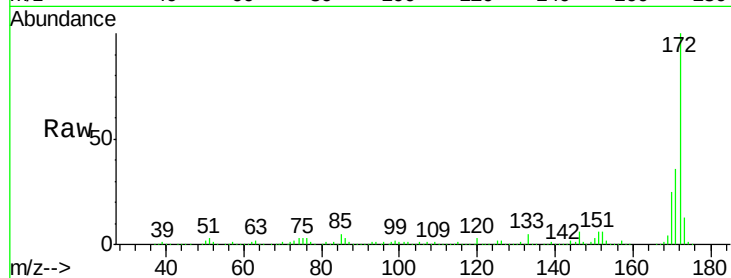




#44
2-Fluorobiphenyl
Concen: 93.17 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

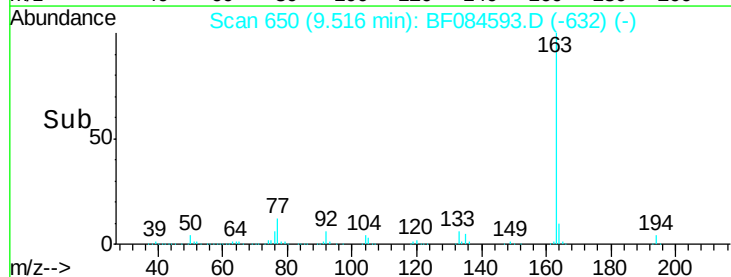
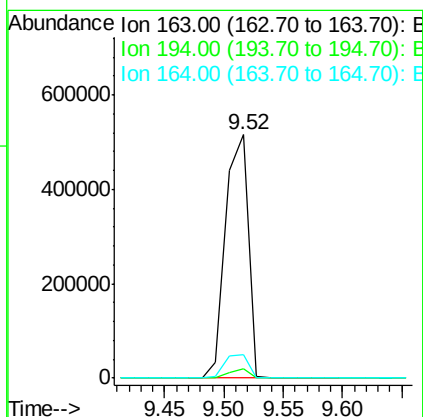
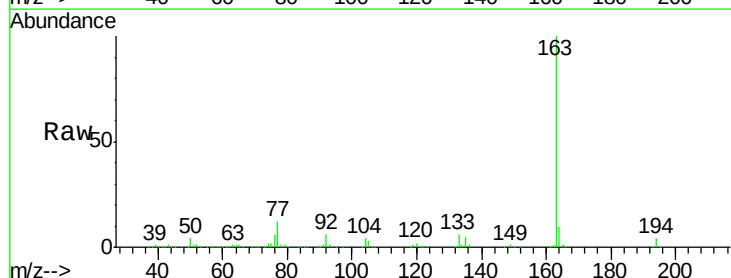
Instrument :
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P001-SS016-3036-01

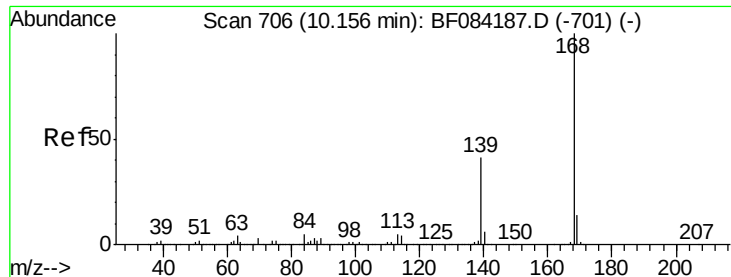
Tgt Ion:172 Resp: 1932759
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.5 18.6 27.8



#49
Dimethylphthalate
Concen: 25.95 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.09 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

Tgt Ion:163 Resp: 681577
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.7 8.0 12.0

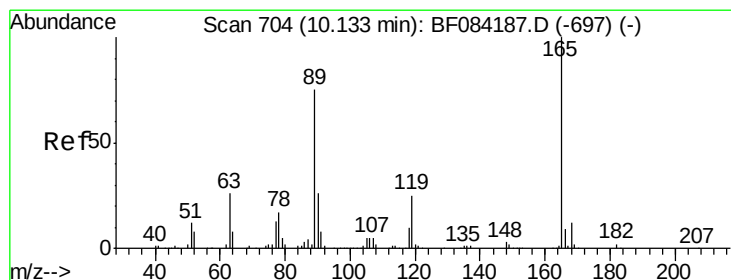
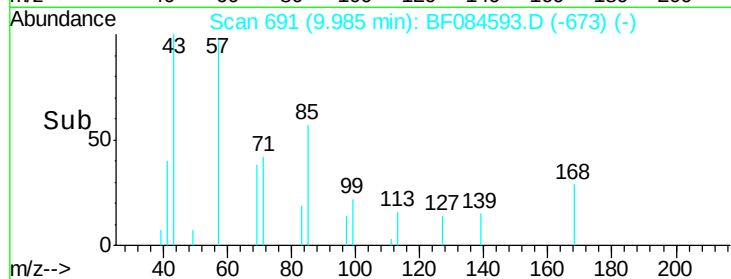
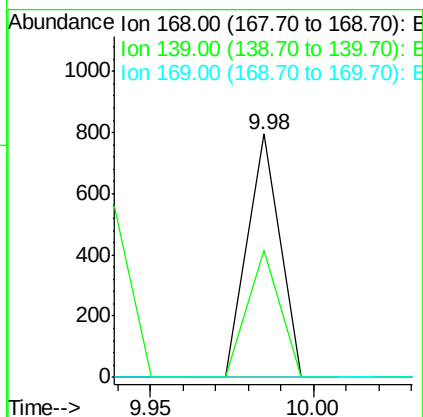
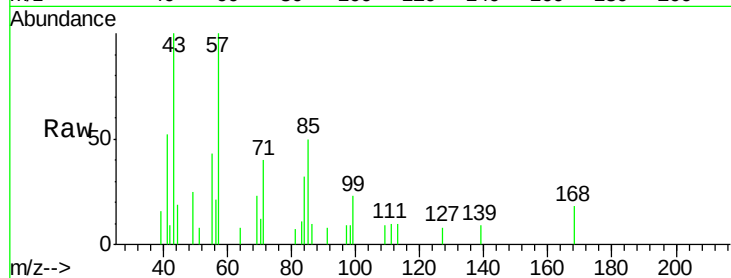




#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

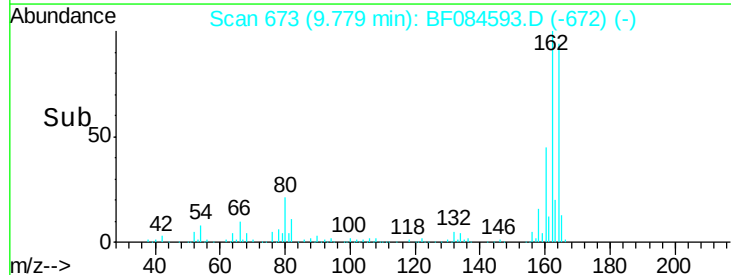
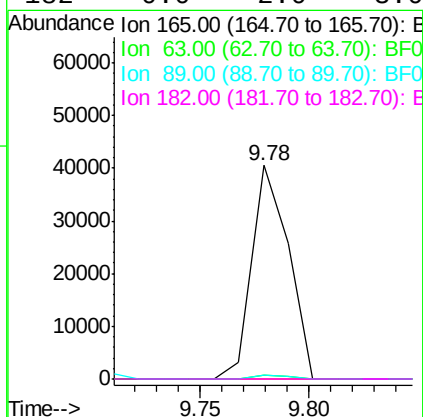
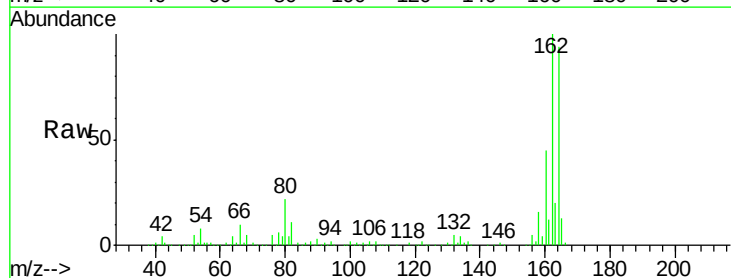
Instrument :
BNA_F
ClientSampleId :
P001-SS016-3036-01

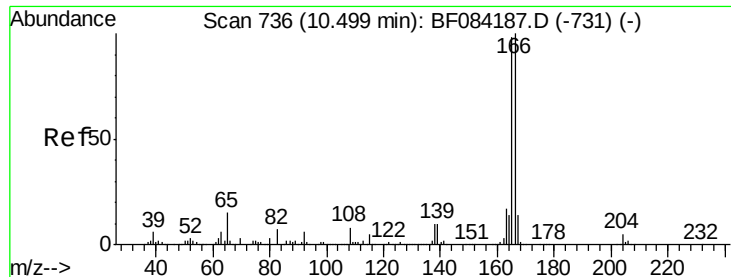
Tgt Ion:168 Resp: 546
Ion Ratio Lower Upper
168 100
139 52.4 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

Tgt Ion:165 Resp: 47525
Ion Ratio Lower Upper
165 100
63 1.6 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#

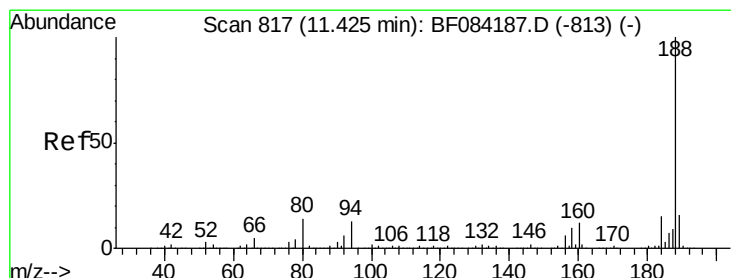
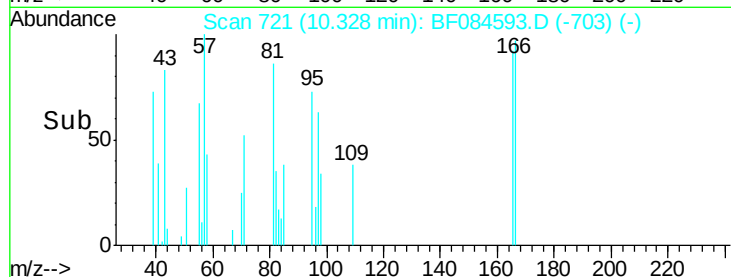
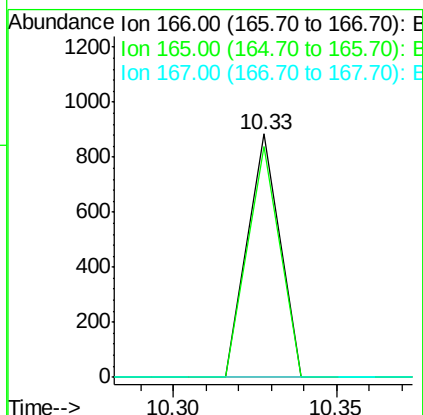
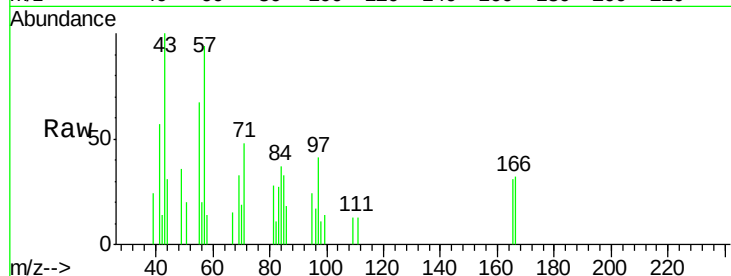




#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

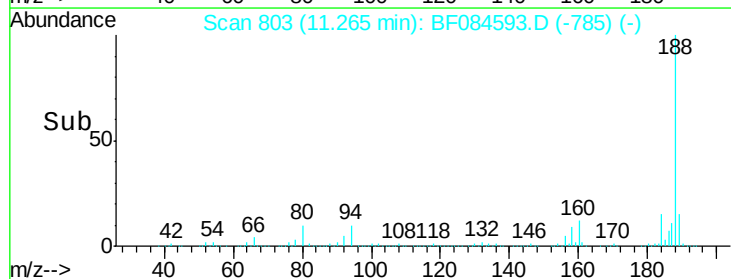
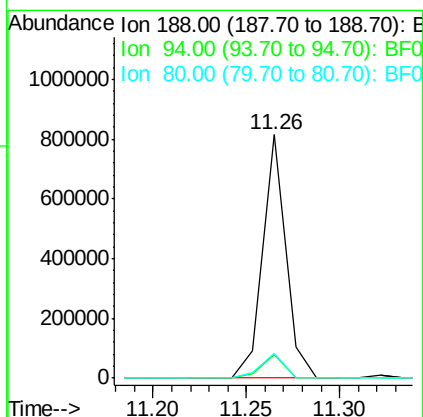
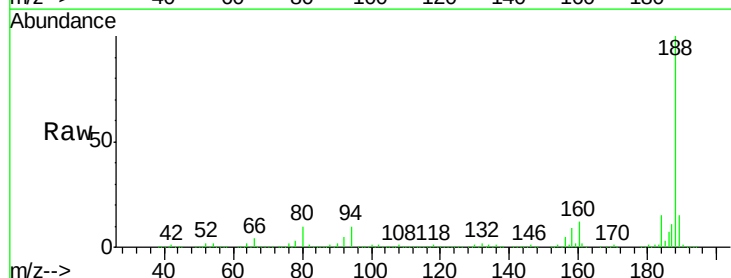
Instrument :
BNA_F
ClientSampleId :
P001-SS016-3036-01

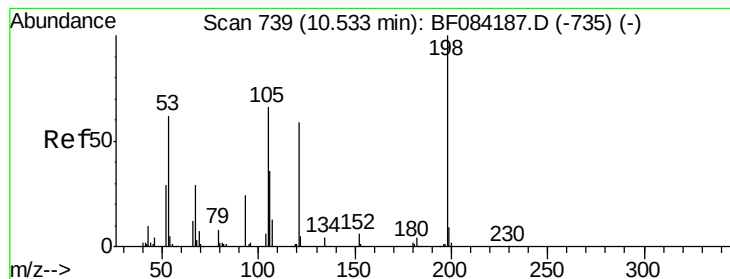
Tgt Ion:166 Resp: 607
Ion Ratio Lower Upper
166 100
165 95.0 79.1 118.7
167 0.0 10.4 15.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

Tgt Ion:188 Resp: 696387
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: 6.63 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS016-3036-01

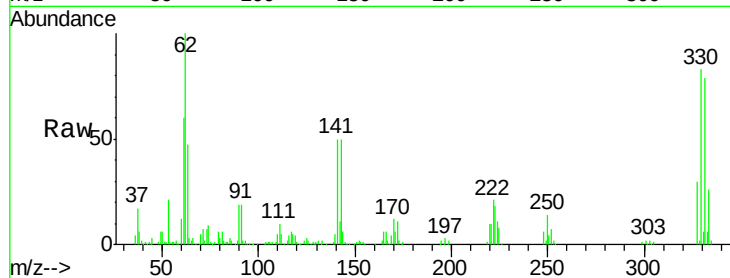
Tgt Ion:198 Resp: 1201

Ion Ratio Lower Upper

198 100

51 191.4 18.9 58.9#

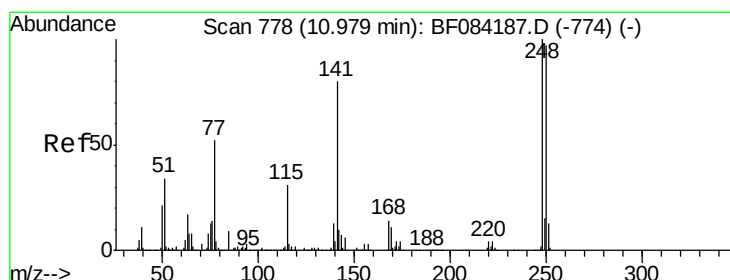
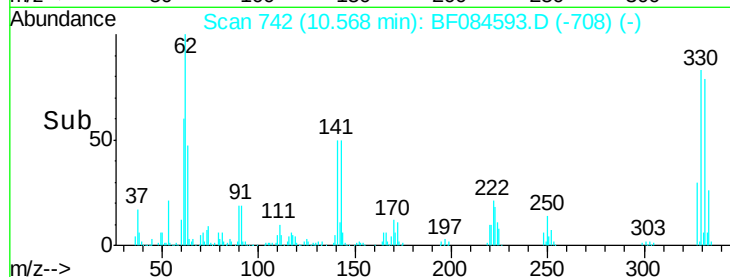
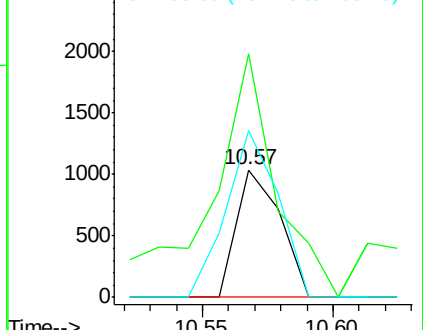
105 131.3 26.4 66.4#



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: 4.12 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.33 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

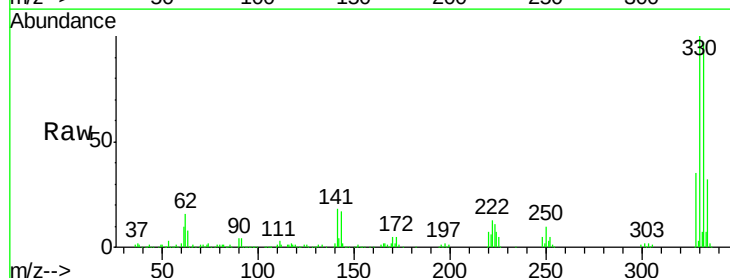
Tgt Ion:248 Resp: 30917

Ion Ratio Lower Upper

248 100

250 194.4 78.4 117.6#

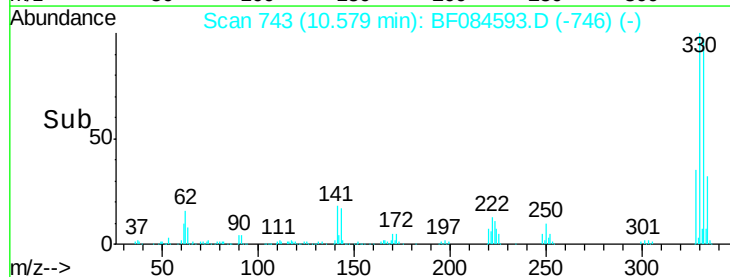
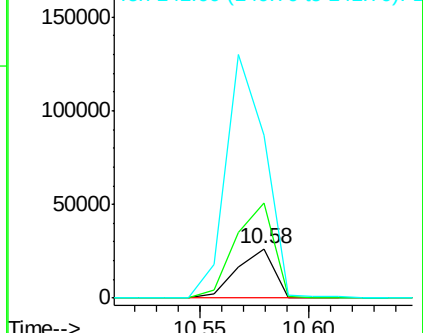
141 330.8 44.0 66.0#

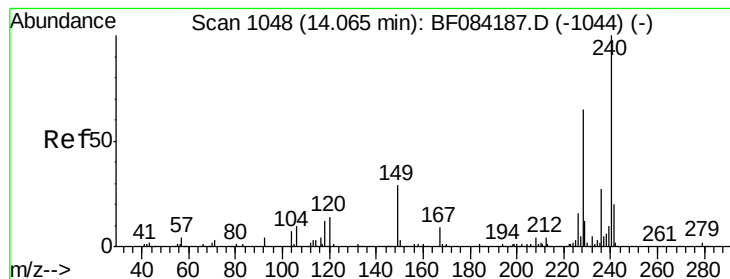


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084593.D

Acq: 22 Jan 2016 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS016-3036-01

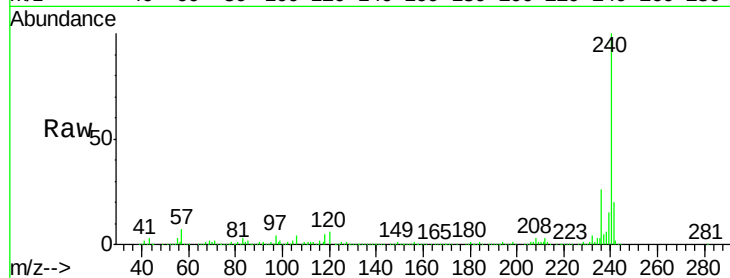
Tgt Ion:240 Resp: 539624

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

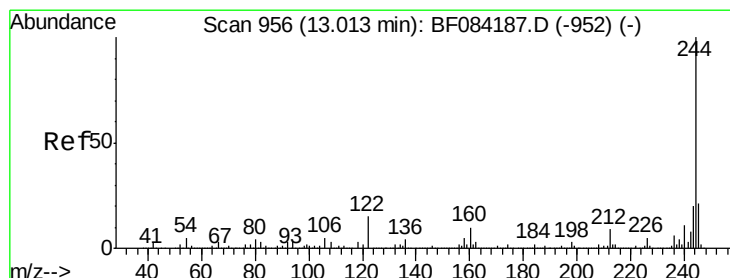
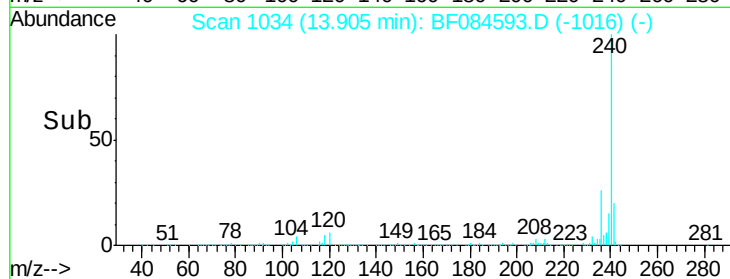
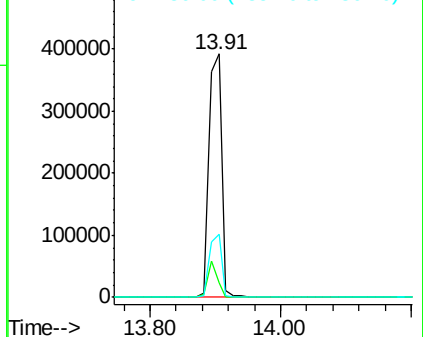
236 25.8 20.6 31.0



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: 76.30 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.09 min

Lab File: BF084593.D

Acq: 22 Jan 2016 17:00

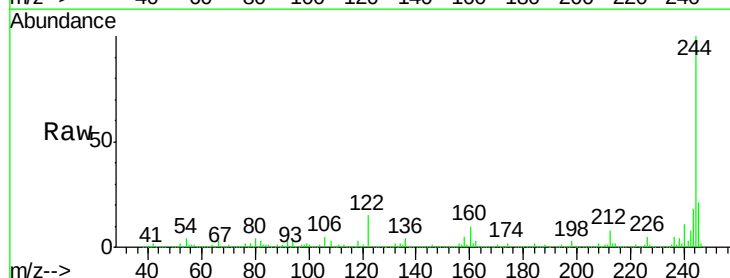
Tgt Ion:244 Resp: 1844460

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

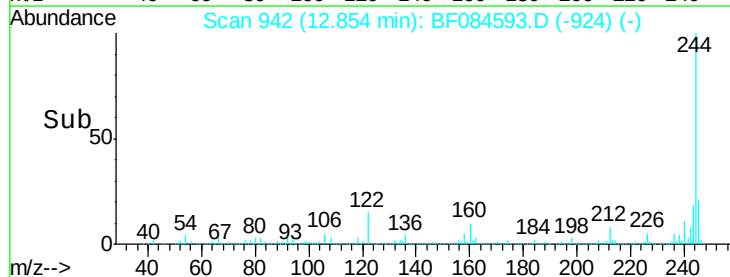
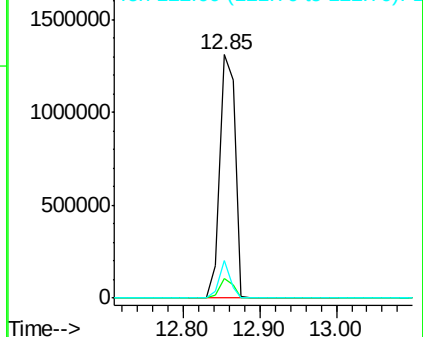
122 15.4 7.4 11.0#

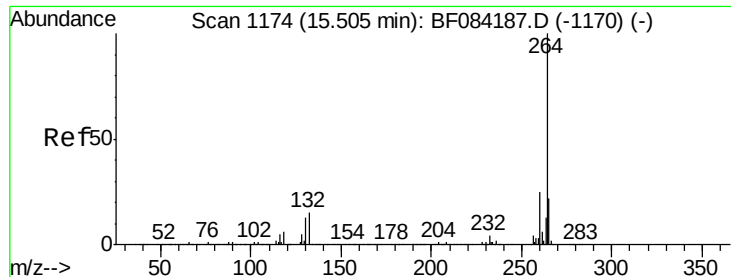


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

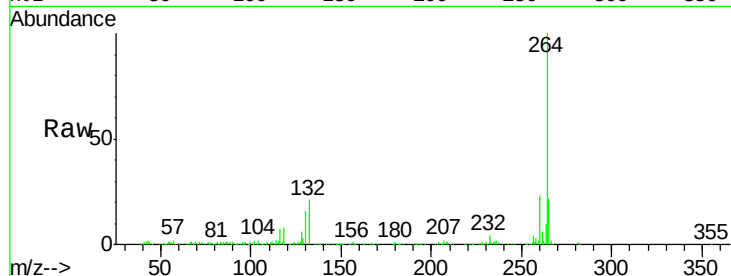




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084593.D
Acq: 22 Jan 2016 17:00

Instrument :
BNA_F
ClientSampleId :
P001-SS016-3036-01

Tgt Ion: 264 Resp: 396018
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 22.3 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

