

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092656.D
 Acq On : 31 Jan 2017 1:38
 Operator : SJ/MA
 Sample : I1569-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-03-10-12

Quant Time: Jan 31 02:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

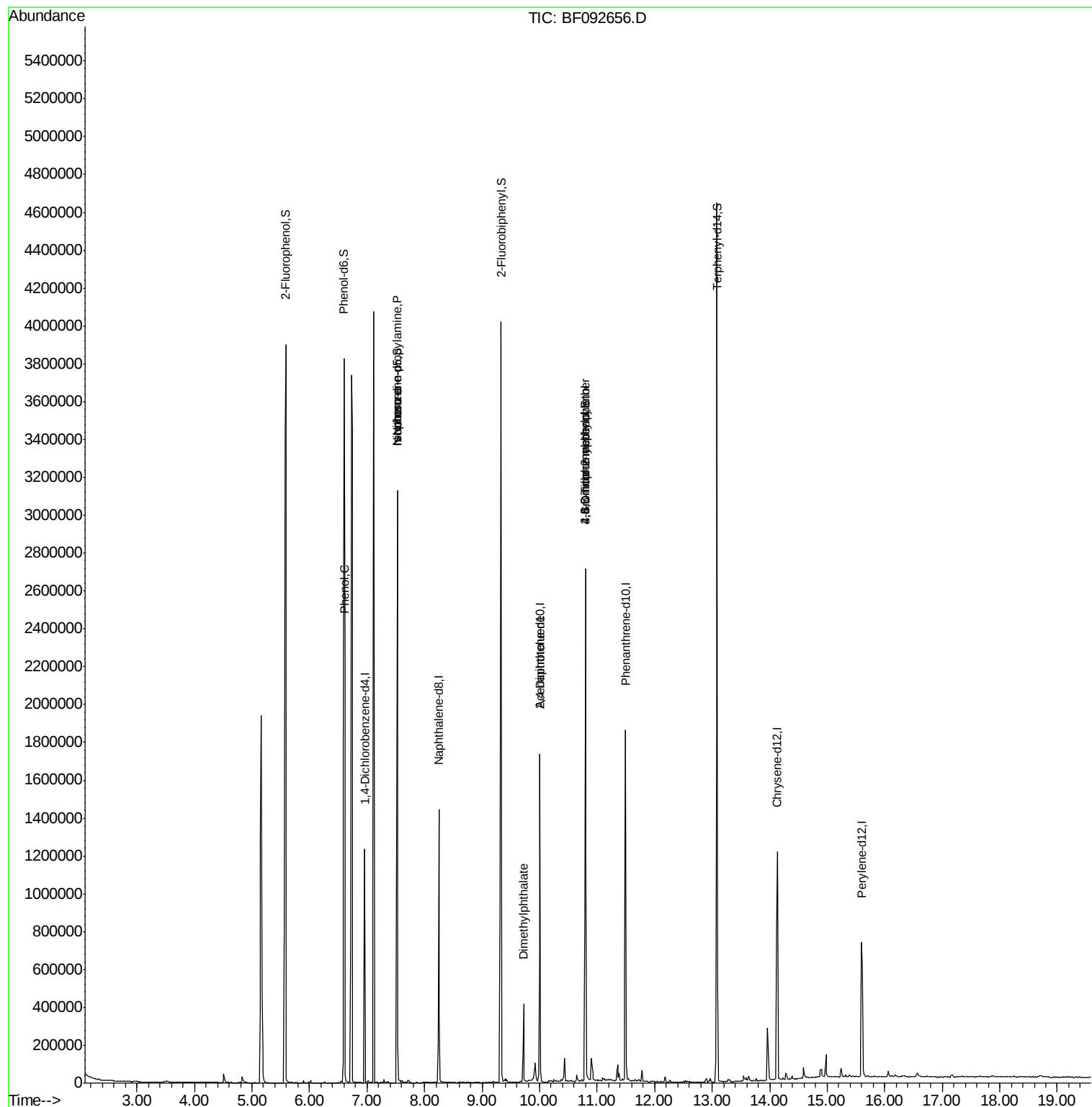
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	171511	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	680712	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	397479	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	669078	20.00	ng	0.00
75) Chrysene-d12	14.13	240	532527	20.00	ng	-0.01
86) Perylene-d12	15.60	264	371407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1584825	158.53	ng	0.01
7) Phenol-d6	6.60	99	1856377	144.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	1136833	93.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	433555	150.81	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2062115	93.99	ng	0.00
78) Terphenyl-d14	13.08	244	1601020	70.64	ng	0.00
Target Compounds						
10) Phenol	6.61	94	104802	6.96	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.53	70	153640	18.76	ng	# 80
25) Isophorone	7.53	82	1105943	48.55	ng	# 65
49) Dimethylphthalate	9.72	163	191023	7.14	ng	98
56) 2,4-Dinitrotoluene	10.01	165	50920	6.62	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	1031	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	29805	4.26	ng	# 1

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

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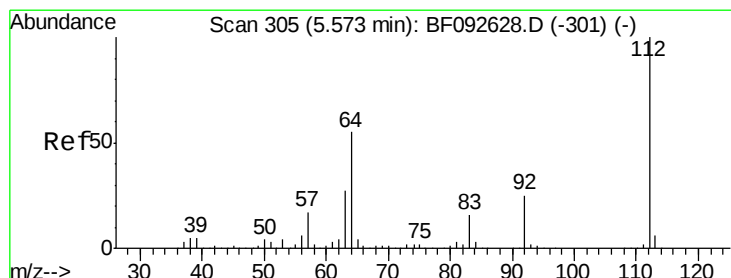
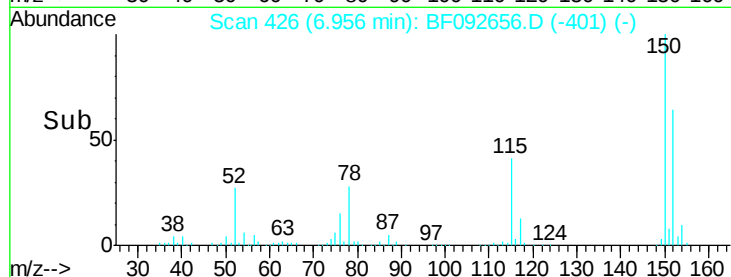
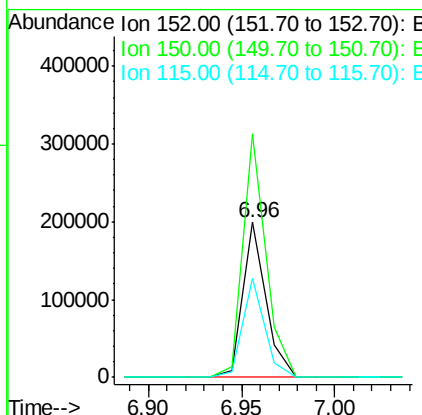
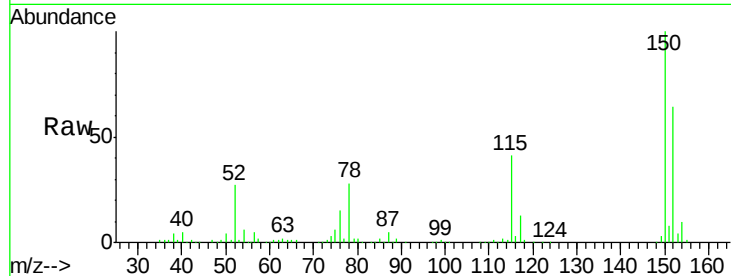




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

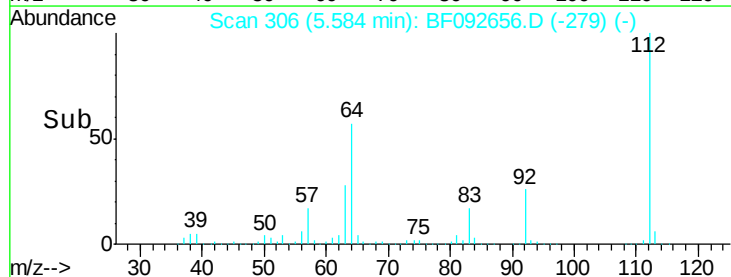
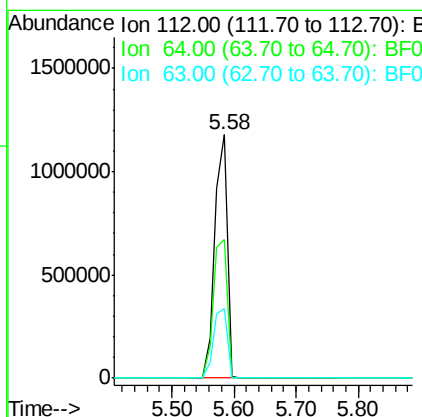
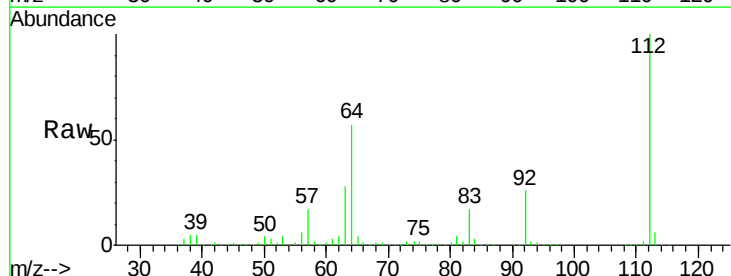
Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-03-10-12

Tgt Ion:152 Resp: 171511
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 63.7 46.0 69.0



#5
 2-Fluorophenol
 Concen: 158.53 ng
 RT: 5.58 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Tgt Ion:112 Resp: 1584825
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.1 69.1
 63 28.3 23.8 35.6





#7

Phenol-d6

Concen: 144.32 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

Instrument :

BNA_F

ClientSampleId :

ELT-SB-03-10-12

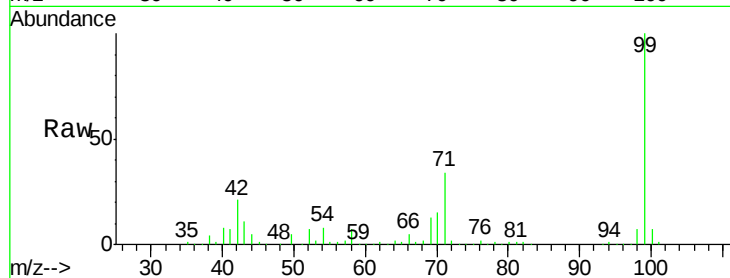
Tgt Ion: 99 Resp: 1856377

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

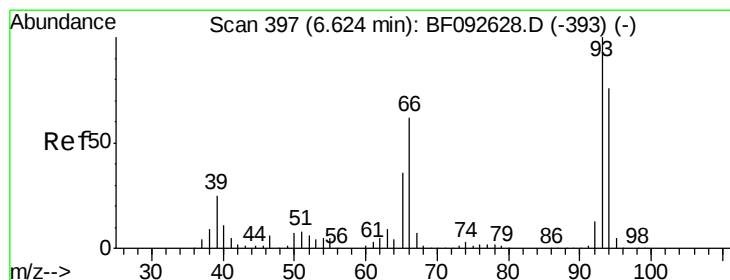
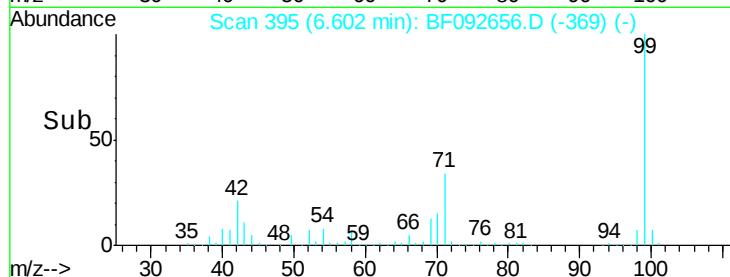
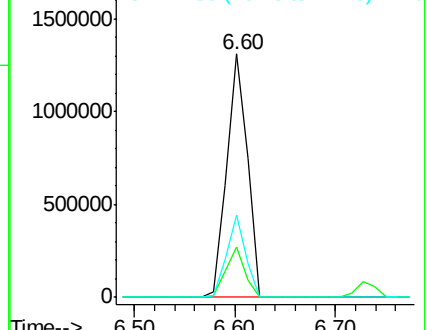
71 34.0 27.5 41.3



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



#10

Phenol

Concen: 6.96 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

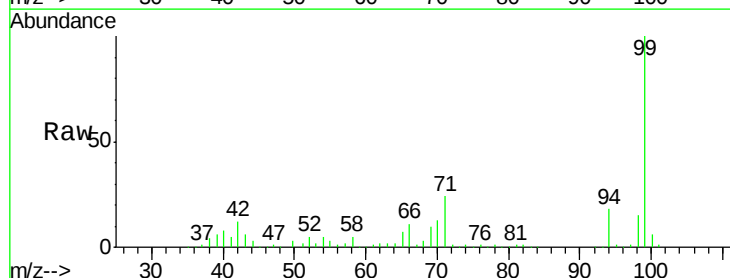
Tgt Ion: 94 Resp: 104802

Ion Ratio Lower Upper

94 100

65 37.4 21.4 61.4

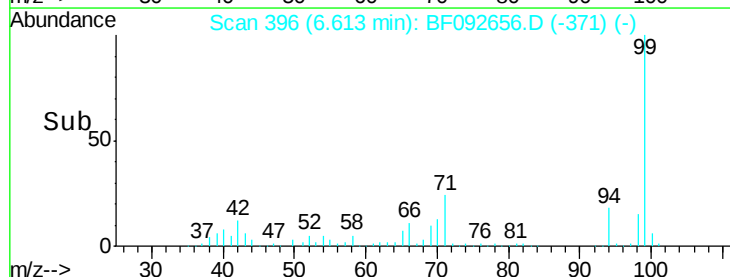
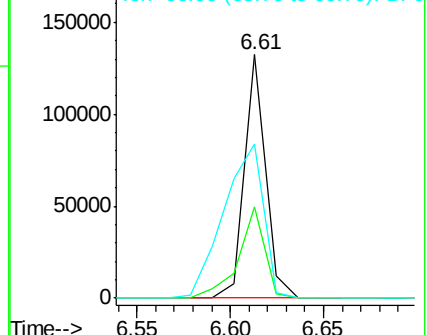
66 63.2 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

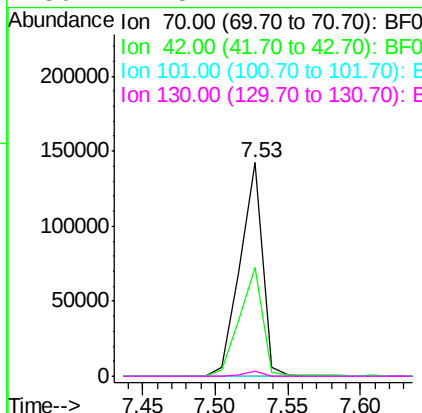
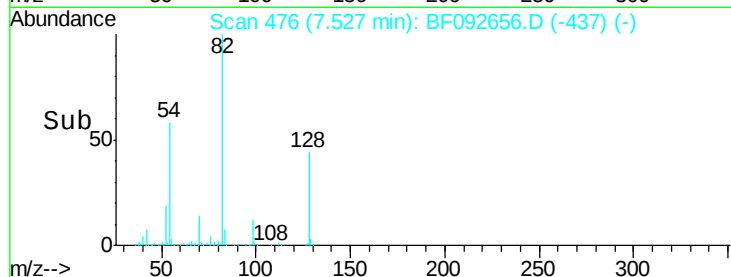
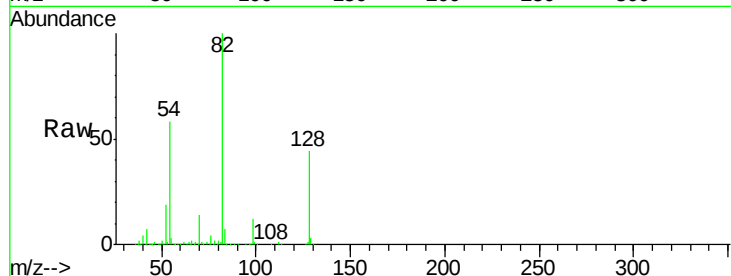




#19
n-Nitroso-di-n-propylamine
Concen: 18.76 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092656.D
Acq: 31 Jan 2017 1:38

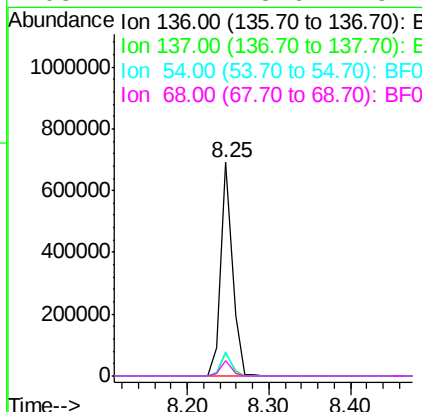
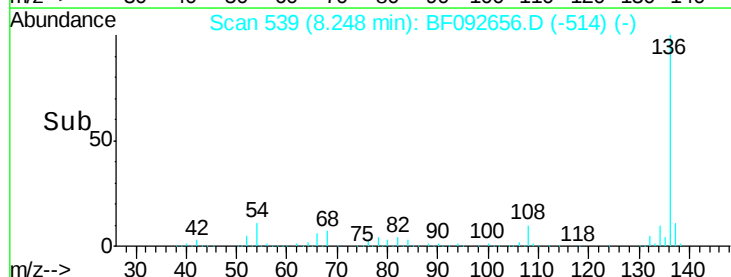
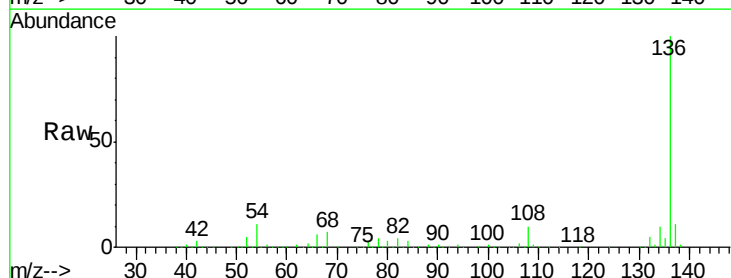
Instrument :
BNA_F
ClientSampleId :
ELT-SB-03-10-12

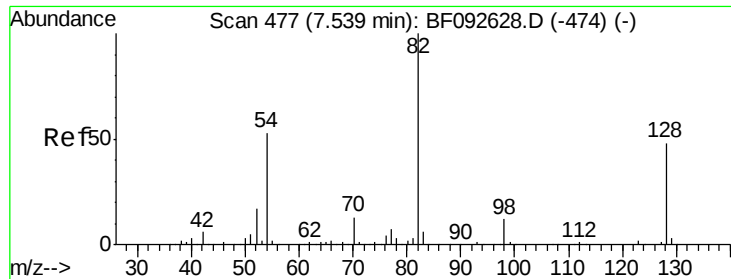
Tgt Ion: 70 Resp: 153640
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092656.D
Acq: 31 Jan 2017 1:38

Tgt Ion: 136 Resp: 680712
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.2 4.5 6.7#
68 7.4 3.6 5.4#

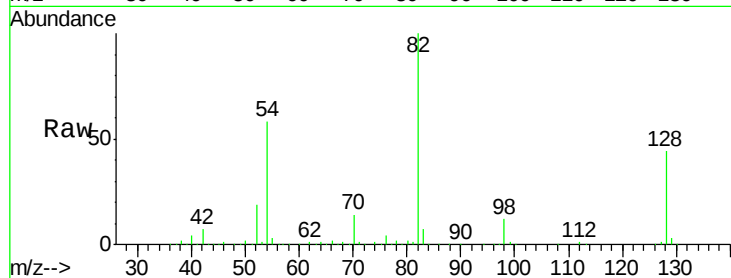




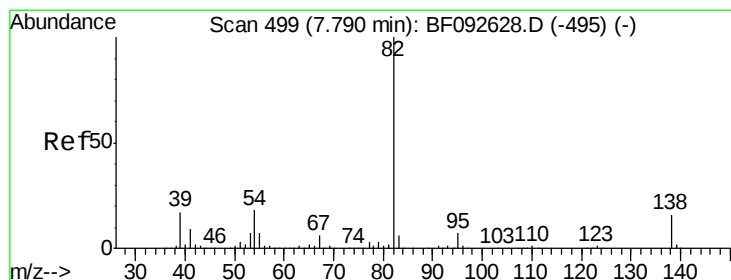
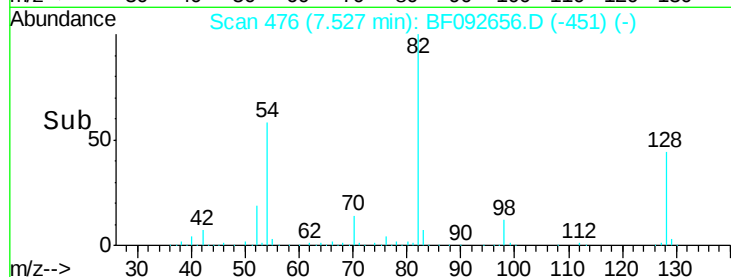
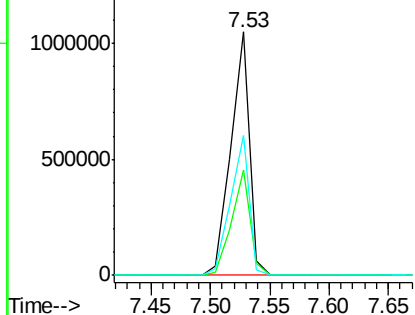
#23
 Nitrobenzene-d5
 Concen: 93.00 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-03-10-12

Tgt Ion: 82 Resp: 1136833
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 57.6 39.5 59.3

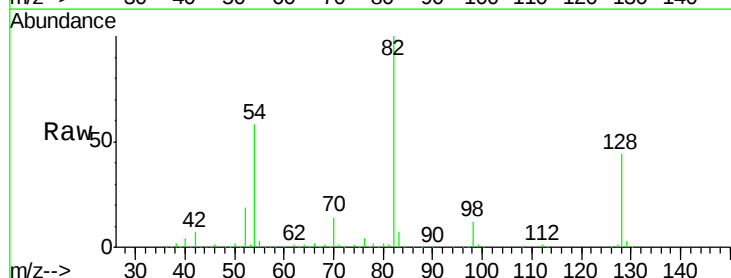


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

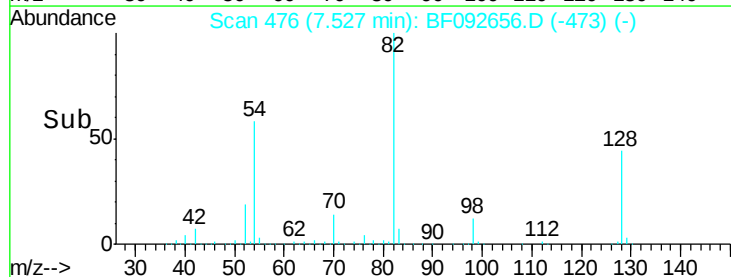
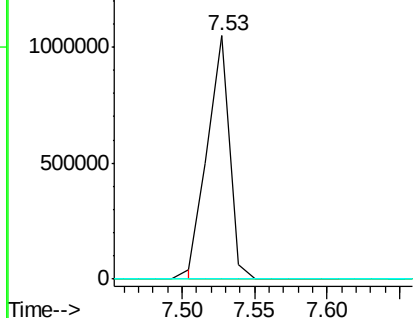


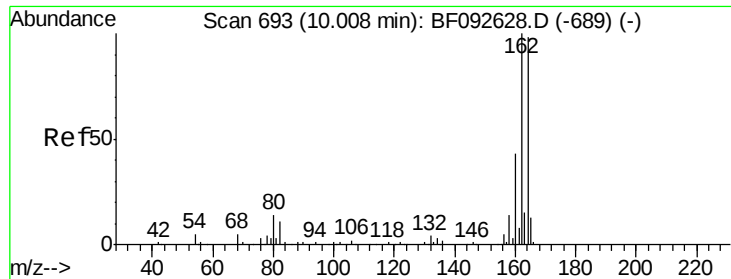
#25
 Isophorone
 Concen: 48.55 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Tgt Ion: 82 Resp: 1105943
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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

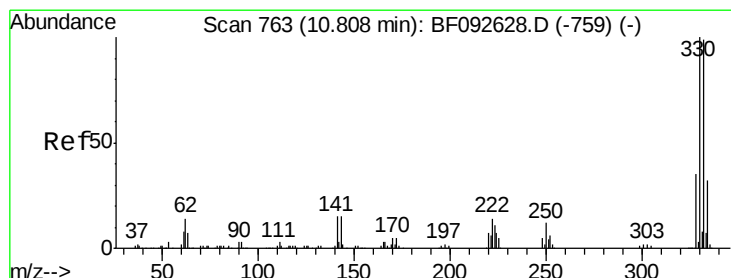
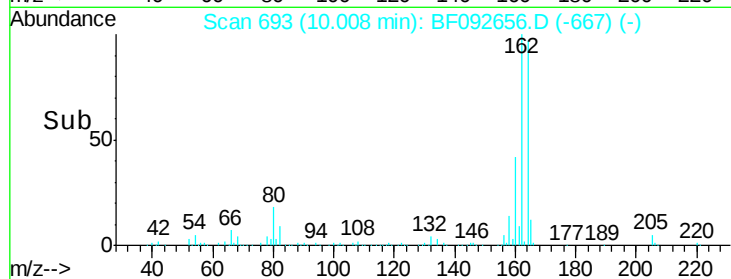
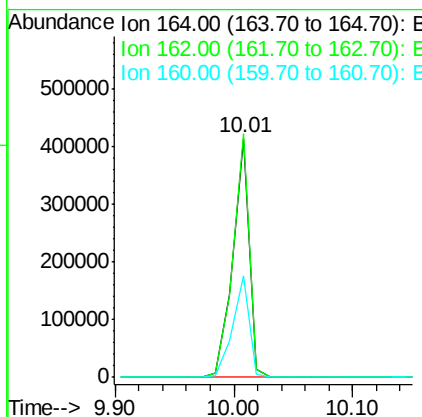
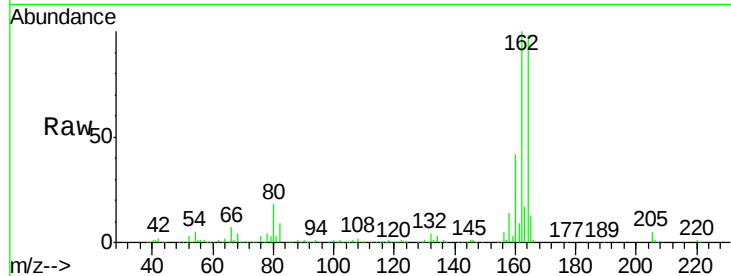




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

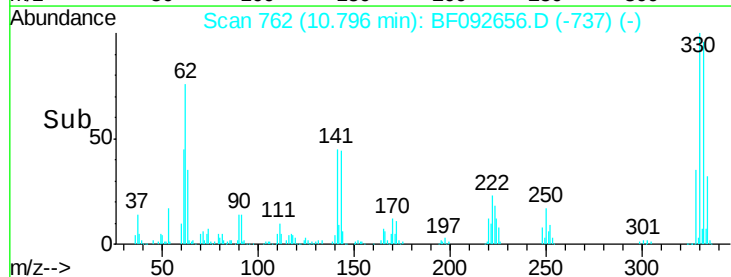
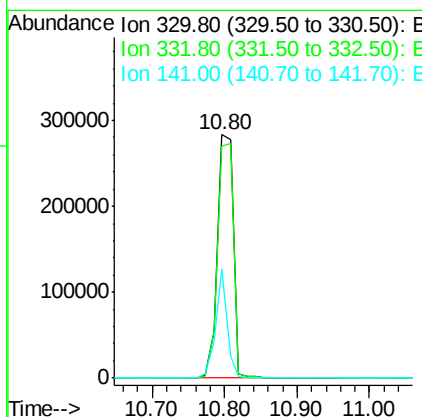
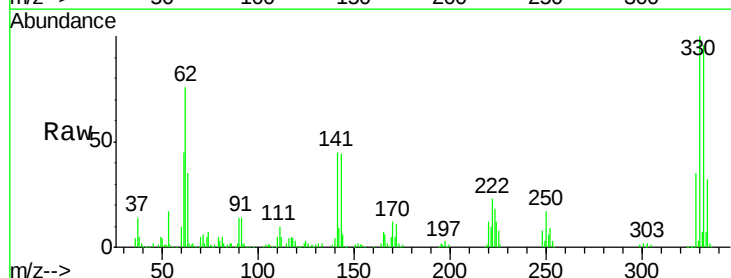
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 ELT-SB-03-10-12

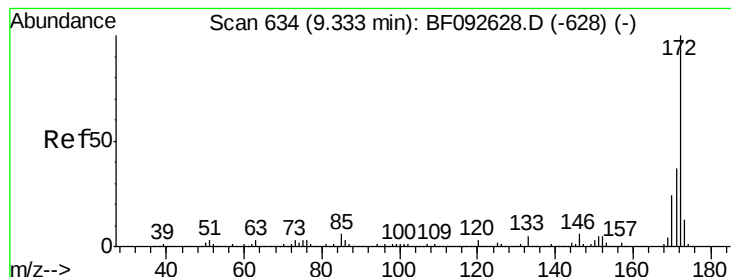
Tgt Ion:164 Resp: 397479
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 42.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 150.81 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Tgt Ion:330 Resp: 433555
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 32.1 34.1 51.1#





#44

2-Fluorobiphenyl

Concen: 93.99 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

Instrument :

BNA_F

ClientSampleId :

ELT-SB-03-10-12

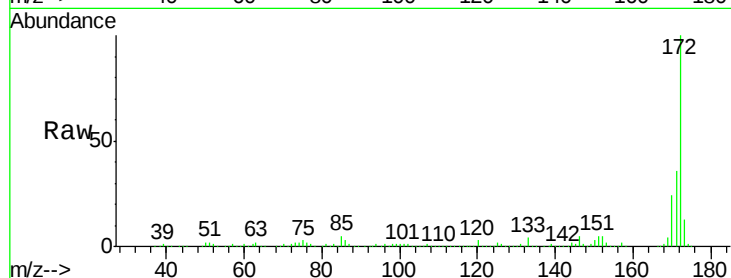
Tgt Ion:172 Resp: 2062115

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

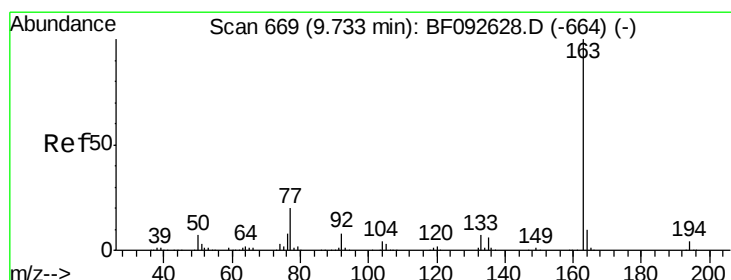
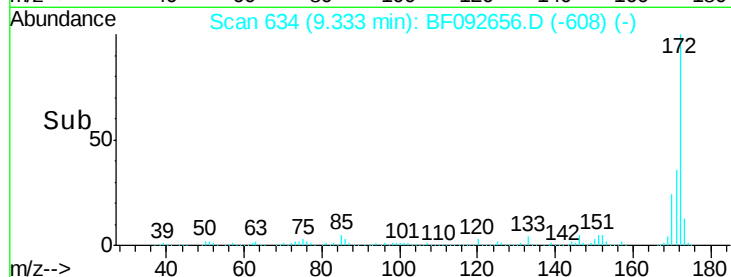
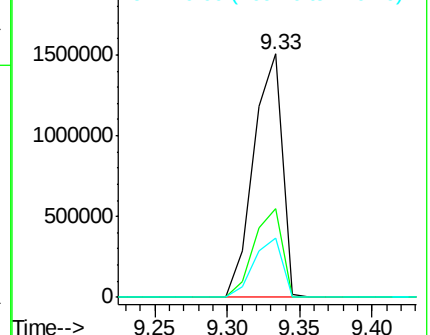
170 24.2 20.2 30.4



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: 7.14 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

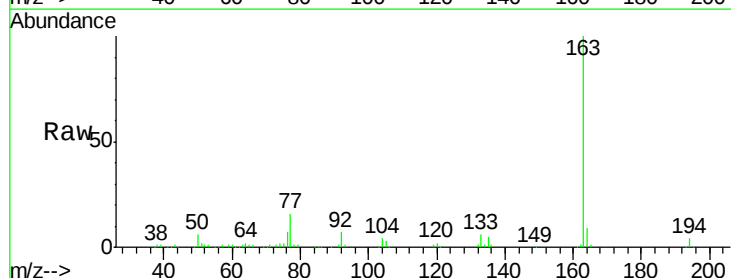
Tgt Ion:163 Resp: 191023

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

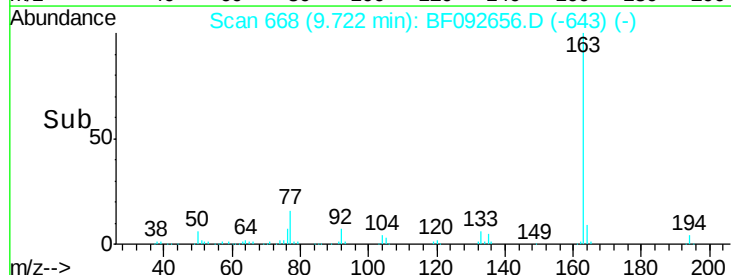
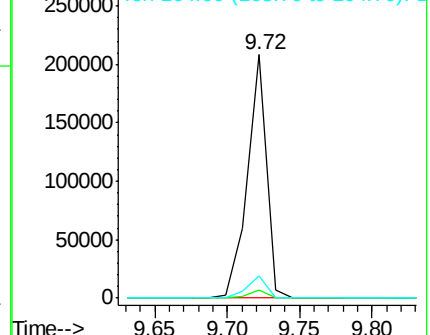
164 9.2 8.0 12.0

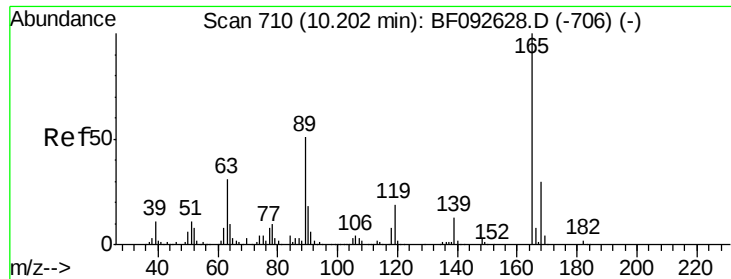


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

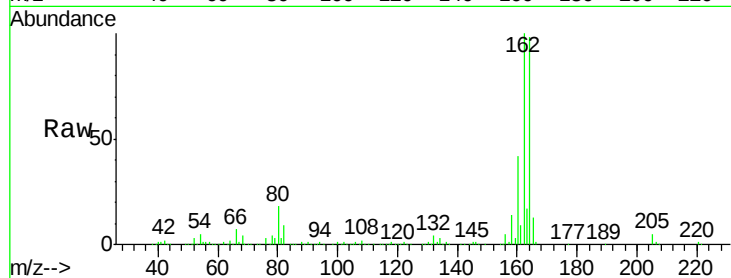




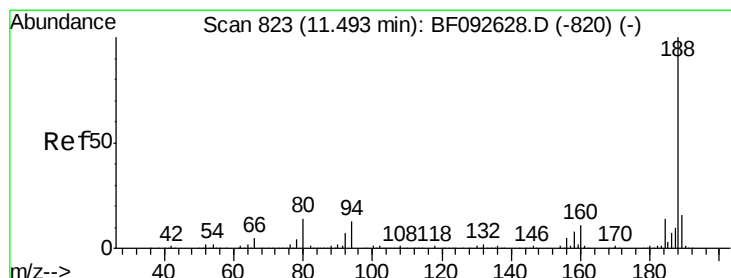
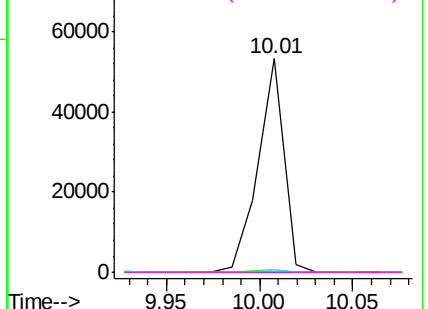
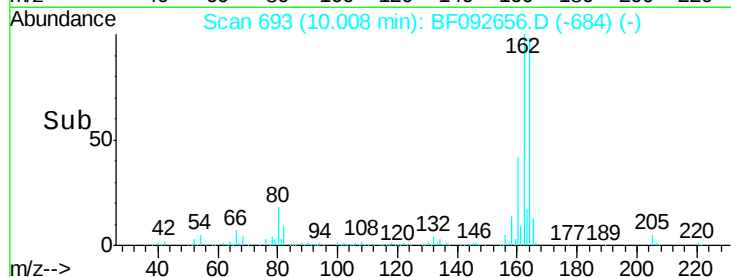
#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Instrument :
 BNA_F
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 ELT-SB-03-10-12

Tgt Ion:165 Resp: 50920
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#

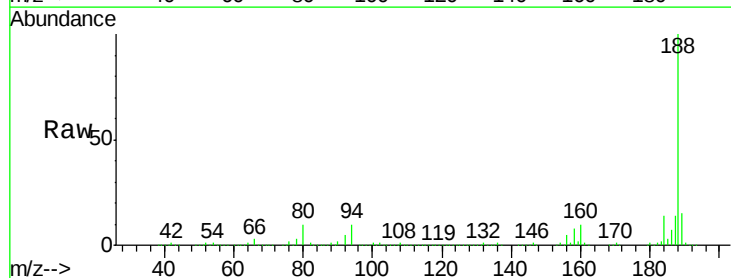


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

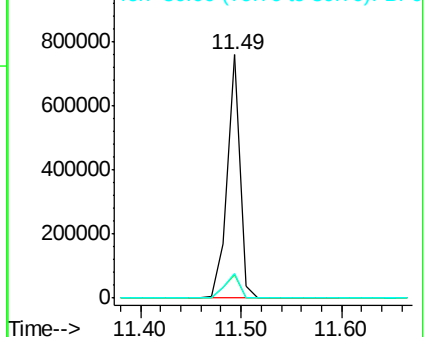
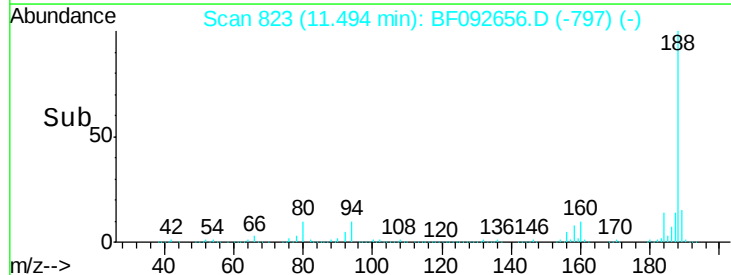


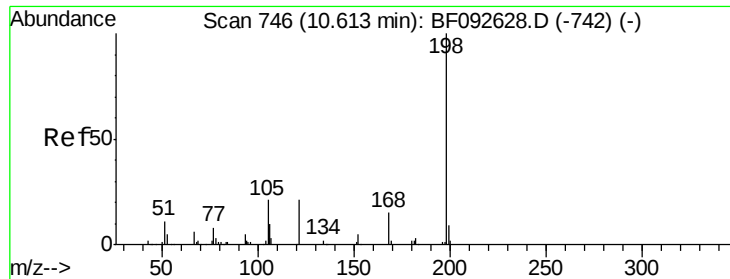
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF092656.D
 Acq: 31 Jan 2017 1:38

Tgt Ion:188 Resp: 669078
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.1 11.2 16.8#



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: 2.91 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

Instrument :

BNA_F

ClientSampleId :

ELT-SB-03-10-12

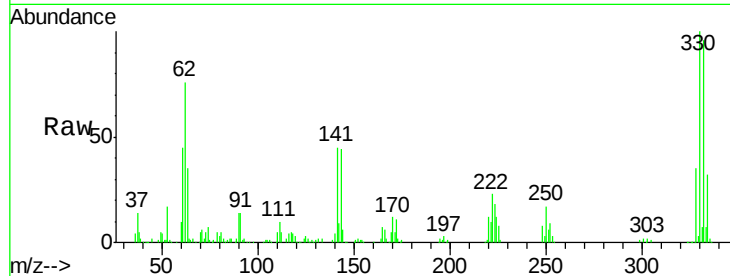
Tgt Ion:198 Resp: 1031

Ion Ratio Lower Upper

198 100

51 197.4 6.7 46.7#

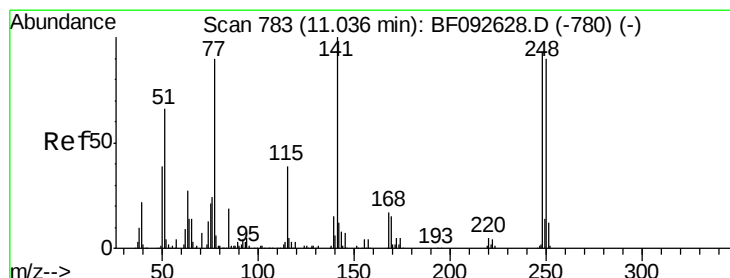
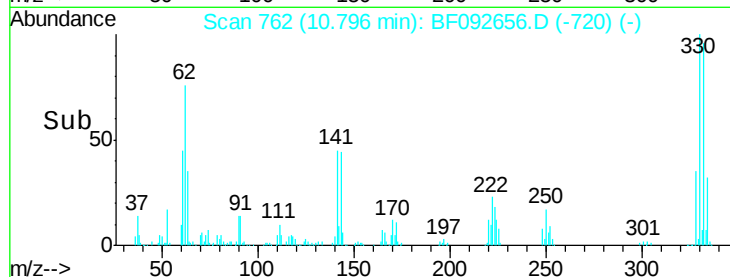
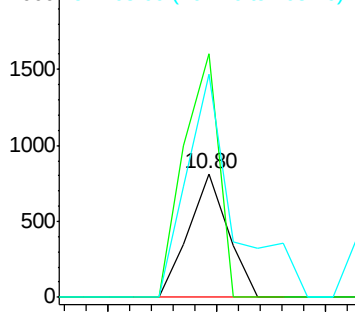
105 180.5 16.6 56.6#



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: 4.26 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

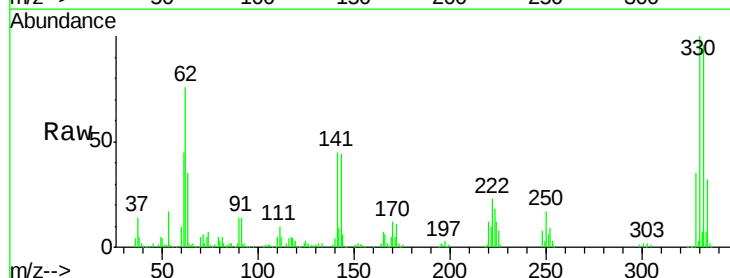
Tgt Ion:248 Resp: 29805

Ion Ratio Lower Upper

248 100

250 200.5 76.9 115.3#

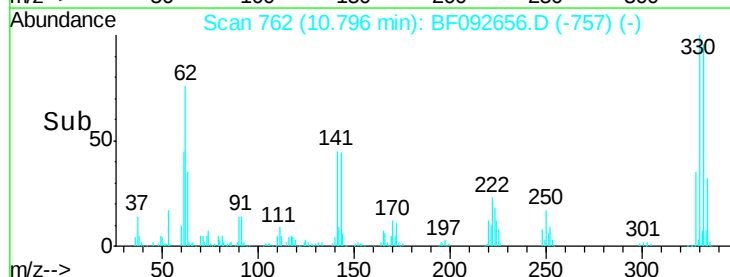
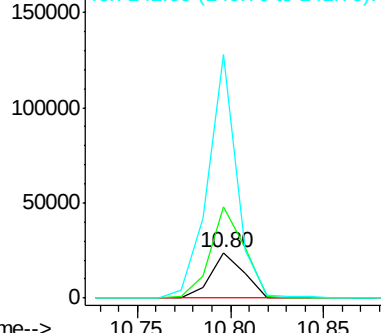
141 535.2 68.2 102.4#

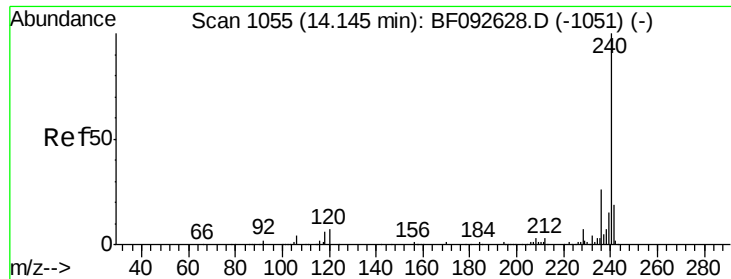


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

Instrument :

BNA_F

ClientSampleId :

ELT-SB-03-10-12

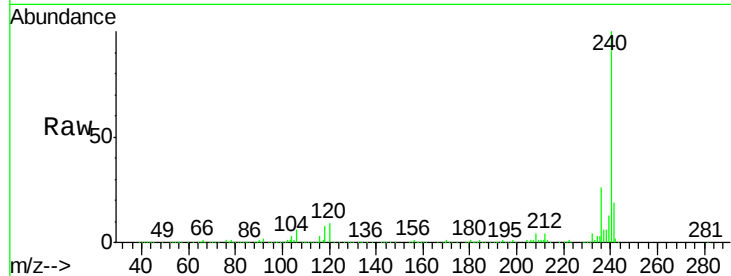
Tgt Ion:240 Resp: 532527

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

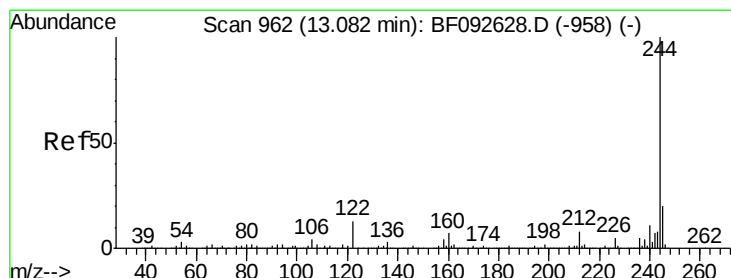
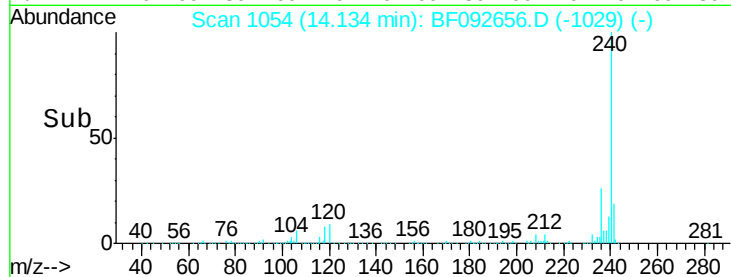
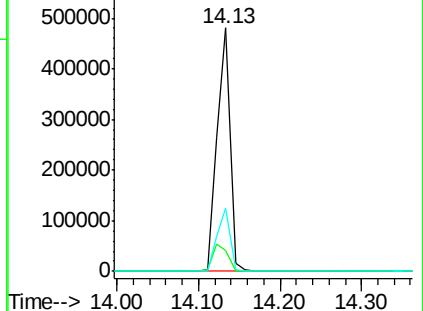
236 25.9 20.9 31.3



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: 70.64 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092656.D

Acq: 31 Jan 2017 1:38

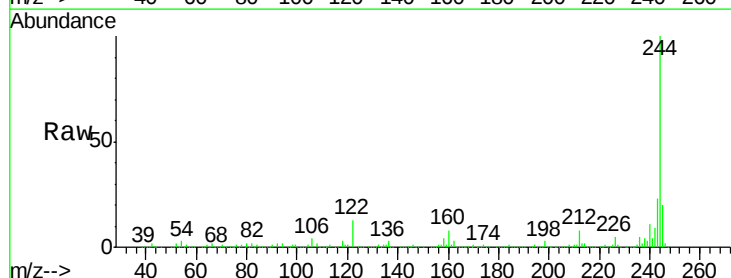
Tgt Ion:244 Resp: 1601020

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

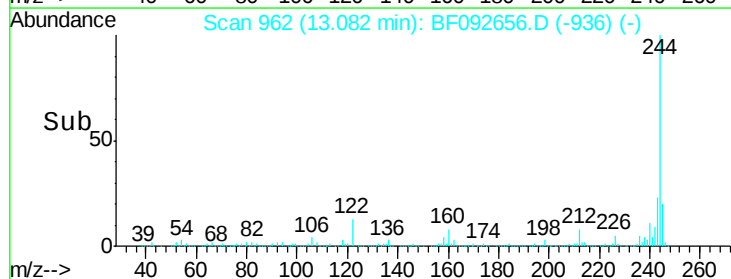
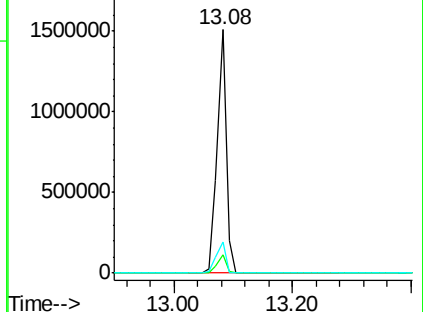
122 12.8 11.4 17.2

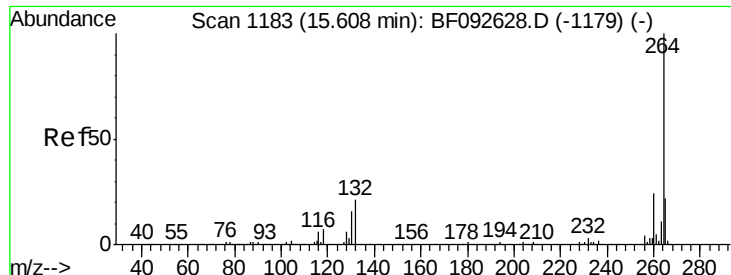


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

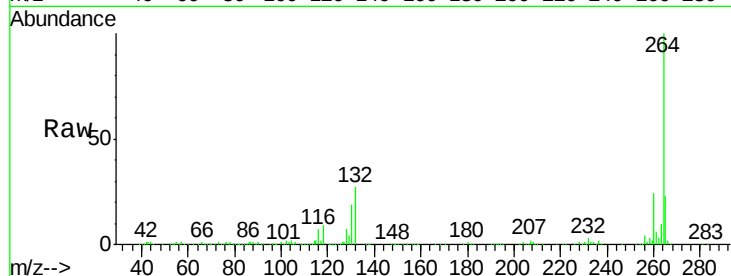




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092656.D
Acq: 31 Jan 2017 1:38

Instrument :
BNA_F
ClientSampleId :
ELT-SB-03-10-12

Tgt Ion: 264 Resp: 371407
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.6 17.4 26.0



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

