

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092646.D
 Acq On : 30 Jan 2017 21:05
 Operator : SJ/MA
 Sample : I1529-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-FB012617

Quant Time: Jan 31 01:03:58 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

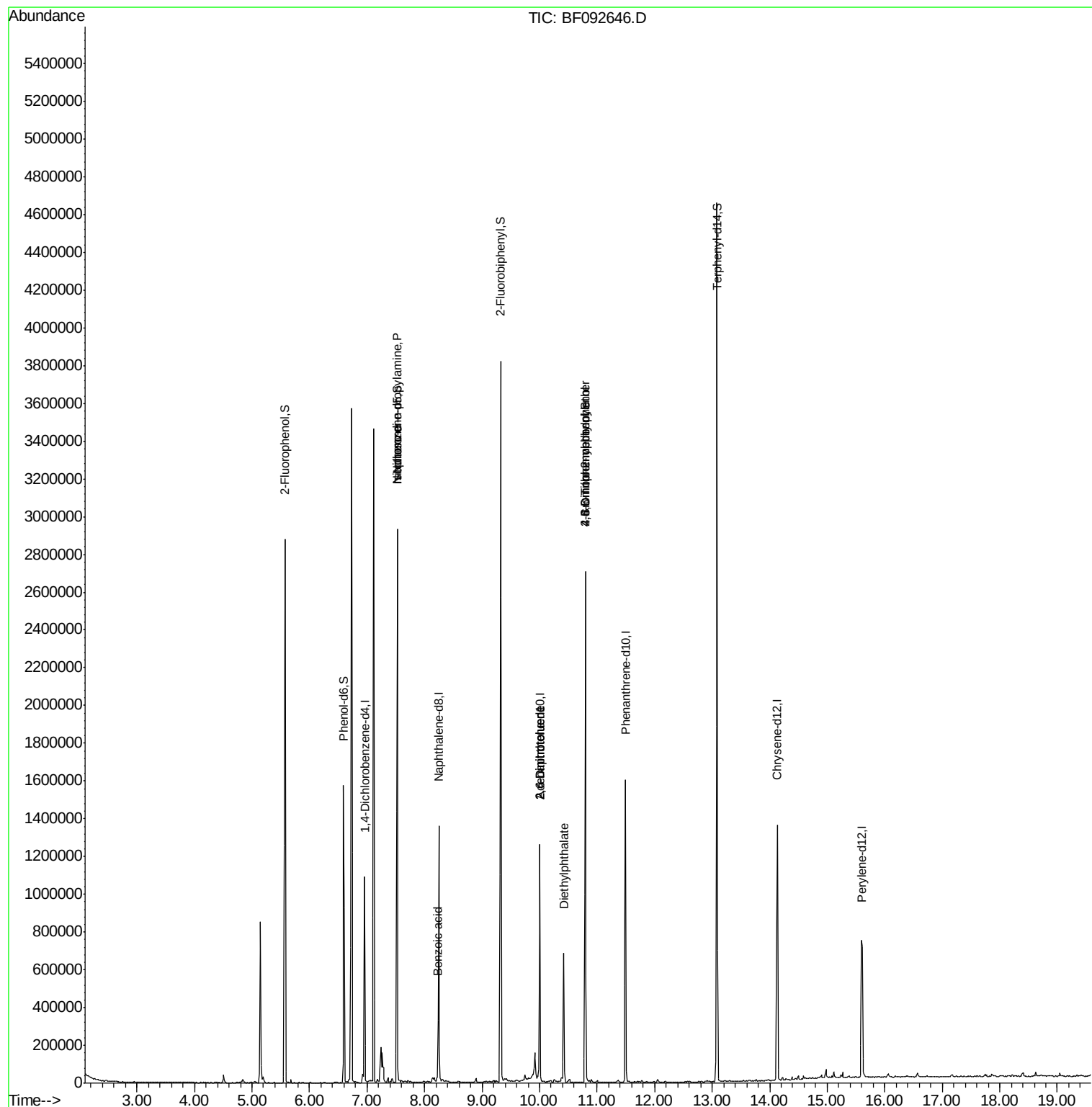
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152084	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	614932	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	347088	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	606191	20.00	ng	0.00
75) Chrysene-d12	14.13	240	551369	20.00	ng	-0.01
86) Perylene-d12	15.61	264	422215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	806855	91.02	ng	0.00
7) Phenol-d6	6.59	99	641390	56.23	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1068604	96.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	359714	143.29	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1819198	94.96	ng	-0.01
78) Terphenyl-d14	13.08	244	1633594	69.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	143752	19.80	ng	# 80
25) Isophorone	7.53	82	1032335	50.17	ng	# 65
32) Benzoic acid	8.24	122	233	7.20	ng	# 52
50) 2,6-Dinitrotoluene	10.01	165	42837	8.48	ng	# 30
56) 2,4-Dinitrotoluene	10.01	165	42840	6.37	ng	# 19
59) Diethylphthalate	10.42	149	239178	10.86	ng	98
64) 4,6-Dinitro-2-methylphenol	10.80	198	554	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25621	4.05	ng	# 1

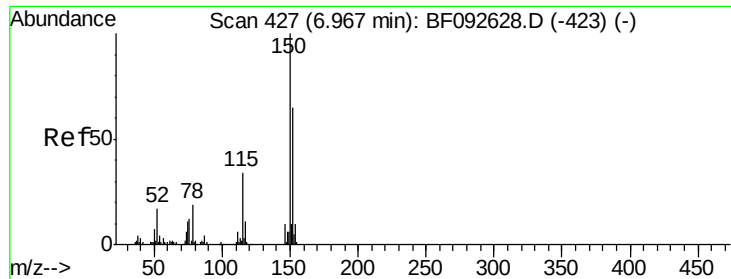
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

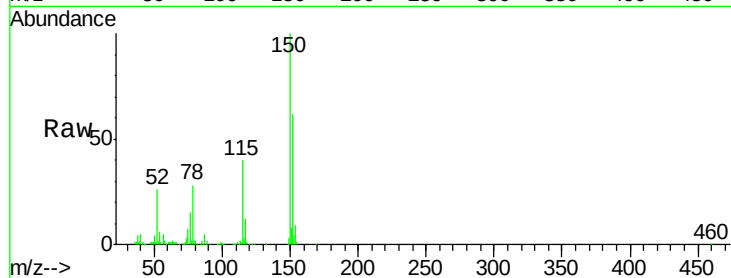
Tgt Ion:152 Resp: 152084

Ion Ratio Lower Upper

152 100

150 160.3 124.9 187.3

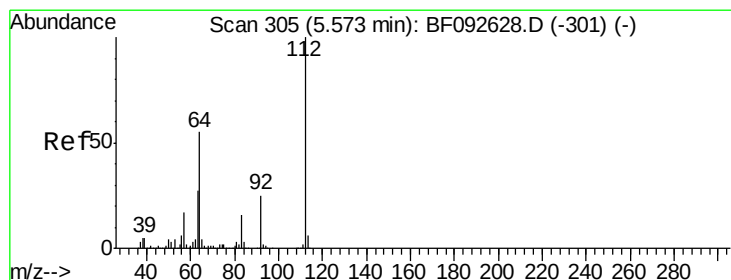
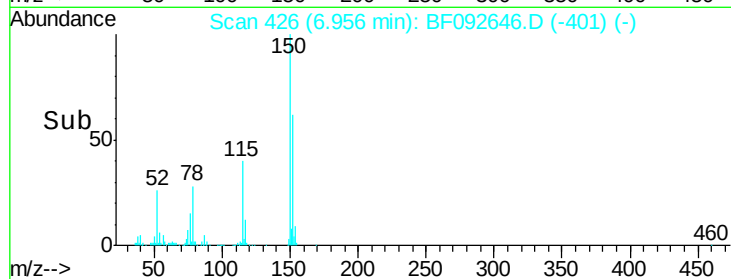
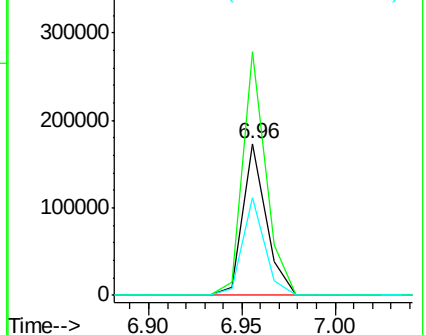
115 64.0 46.0 69.0



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: 91.02 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

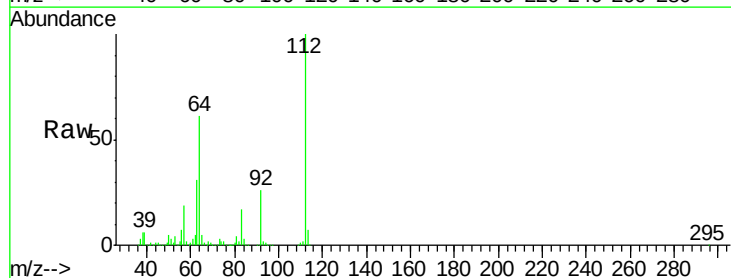
Tgt Ion:112 Resp: 806855

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

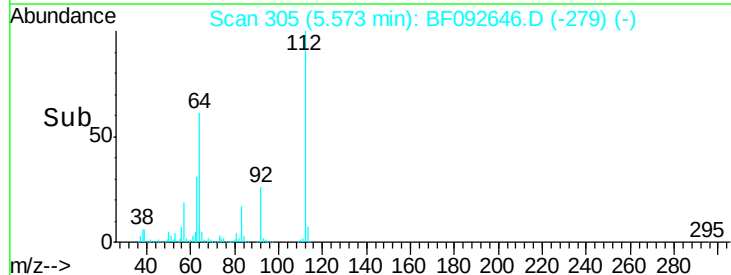
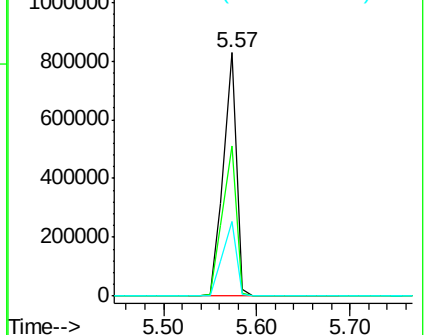
63 30.6 23.8 35.6

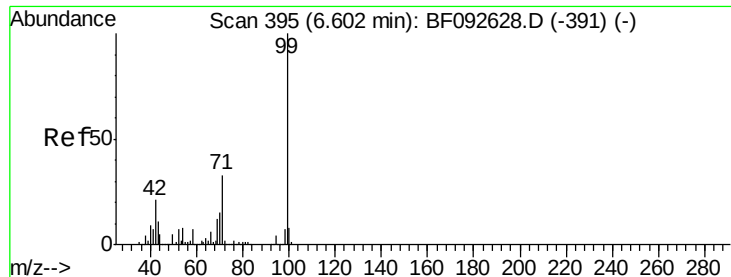


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.23 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

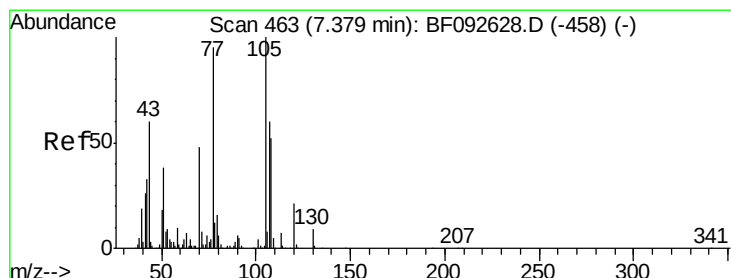
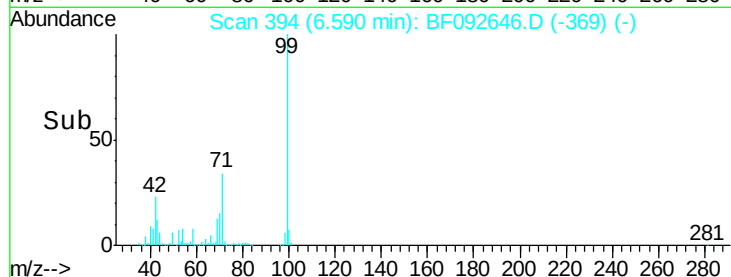
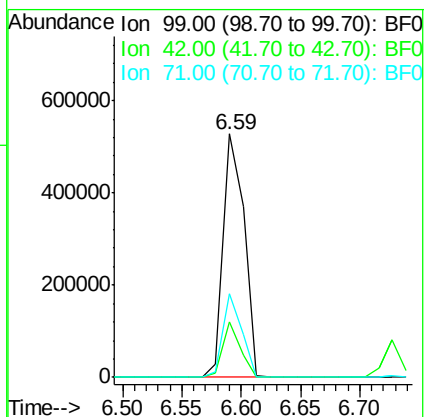
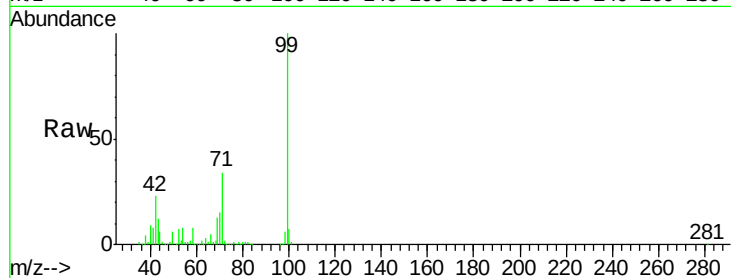
Tgt Ion: 99 Resp: 641390

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

71 34.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.80 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Tgt Ion: 70 Resp: 143752

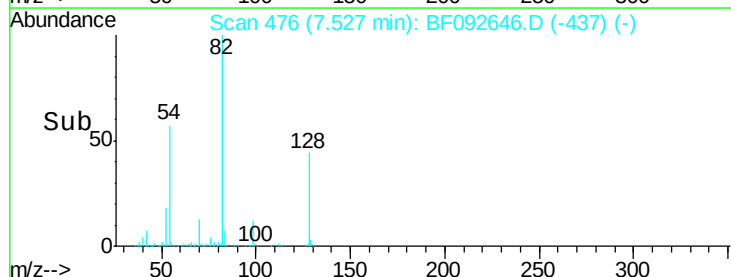
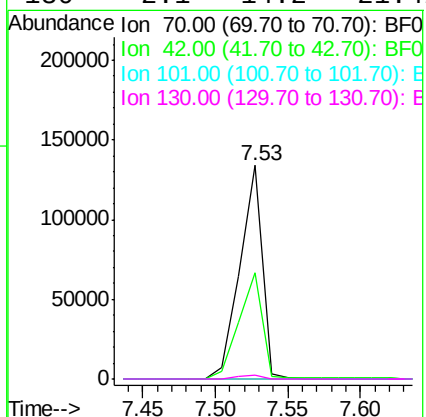
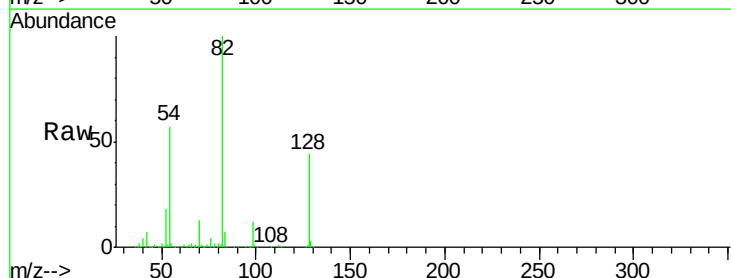
Ion Ratio Lower Upper

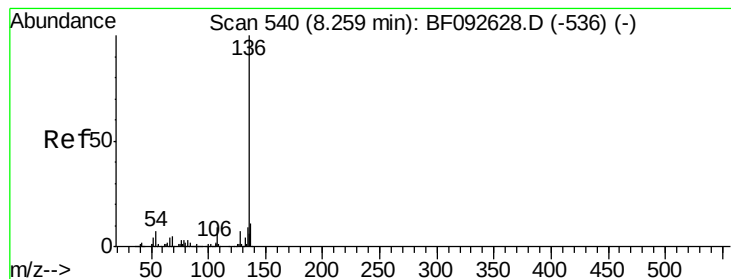
70 100

42 49.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 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: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

Tgt Ion:136 Resp: 614932

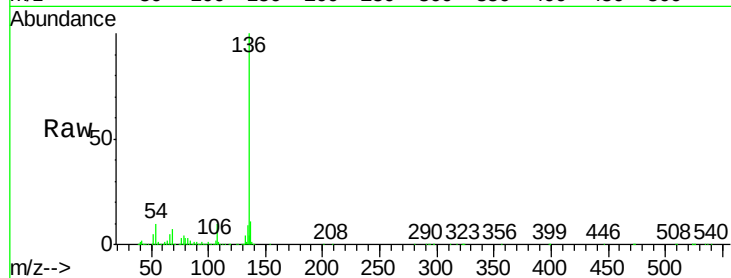
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.9 4.5 6.7#

68 6.7 3.6 5.4#

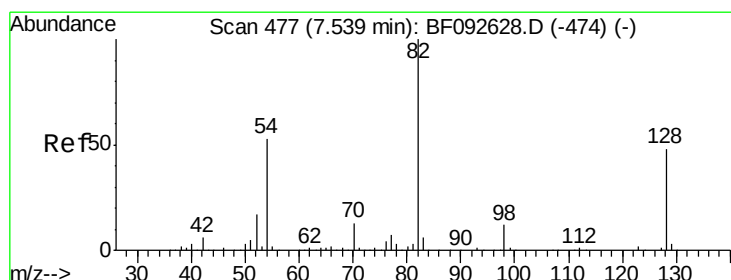
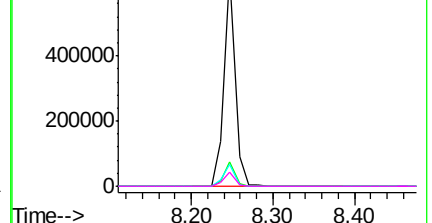
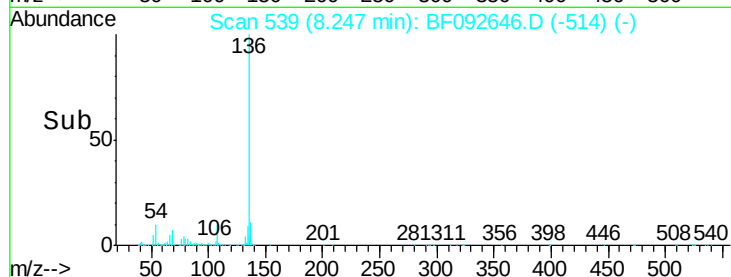


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.77 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

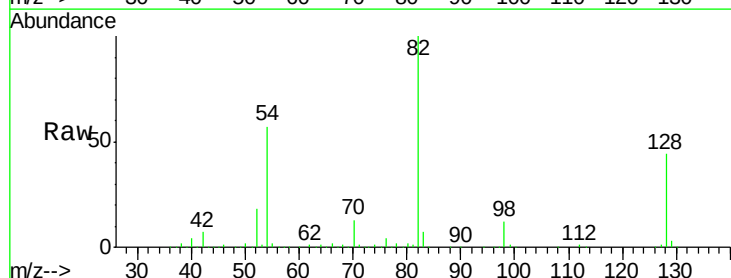
Tgt Ion: 82 Resp: 1068604

Ion Ratio Lower Upper

82 100

128 44.0 34.6 52.0

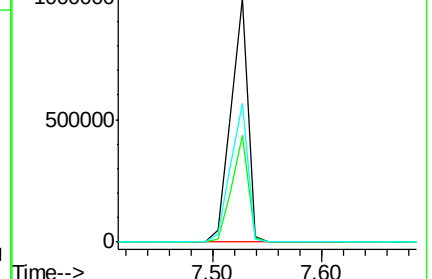
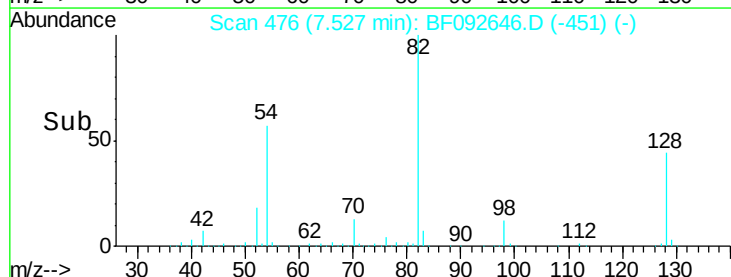
54 56.8 39.5 59.3

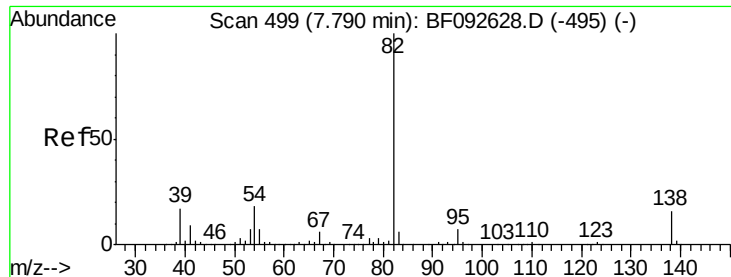


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.17 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

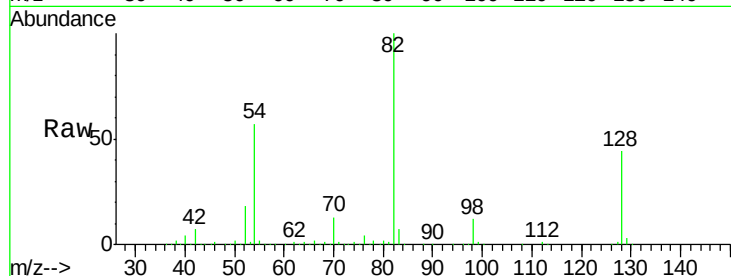
Tgt Ion: 82 Resp: 1032335

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

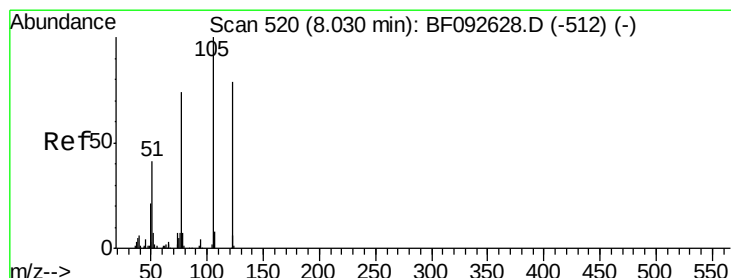
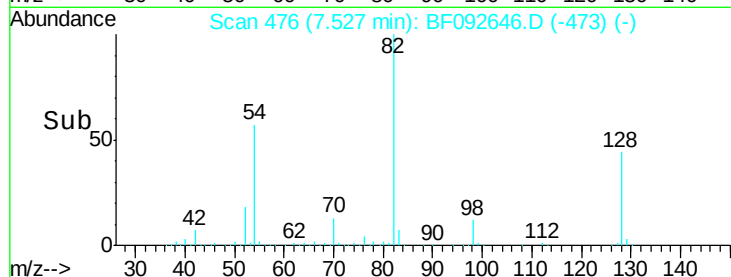
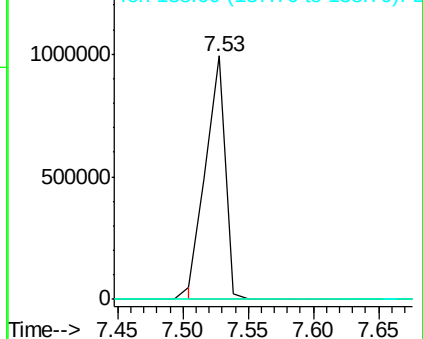
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 7.20 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.21 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

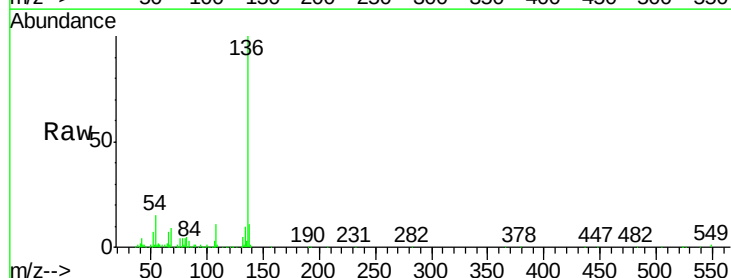
Tgt Ion: 122 Resp: 233

Ion Ratio Lower Upper

122 100

105 45.5 107.2 147.2#

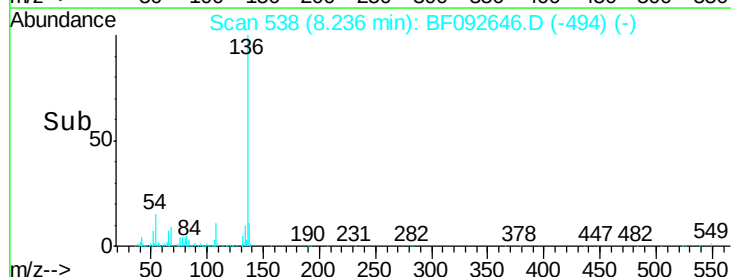
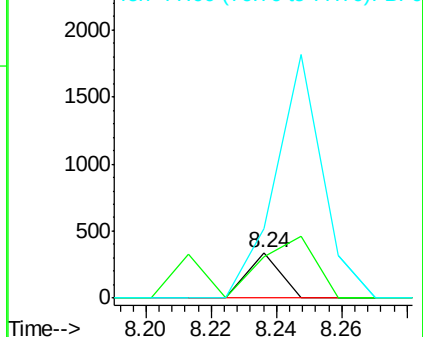
77 77.5 74.5 114.5

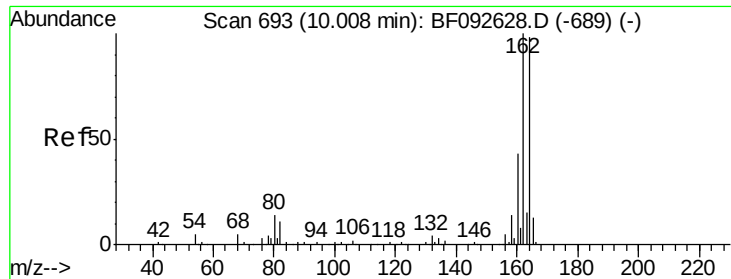


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

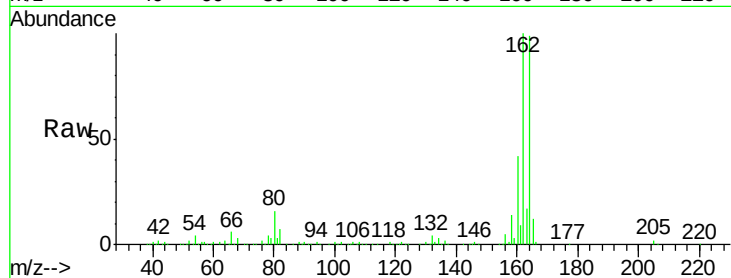




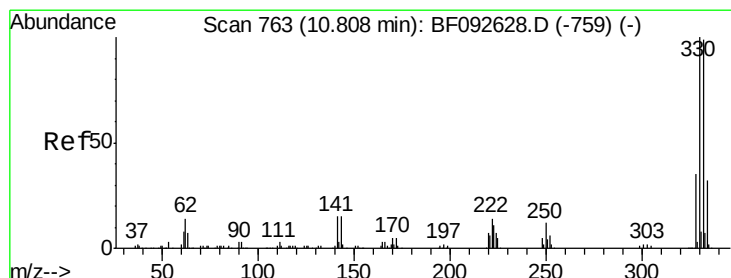
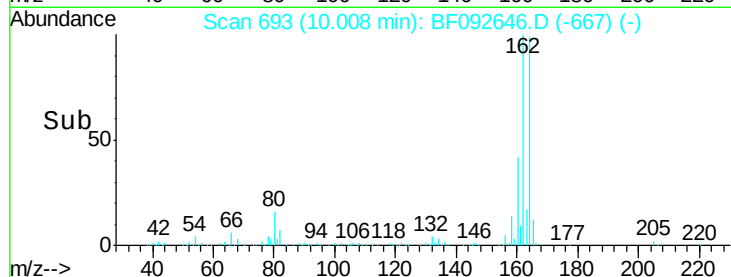
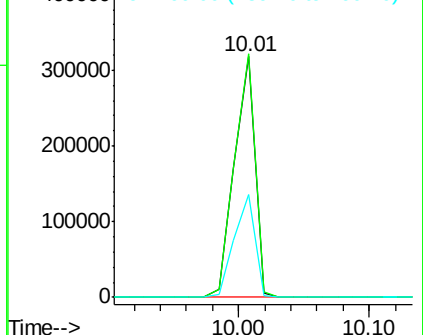
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092646.D
 Acq: 30 Jan 2017 21:05

Instrument :
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 ELT-FB012617

Tgt Ion:164 Resp: 347088
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 42.8 36.9 55.3

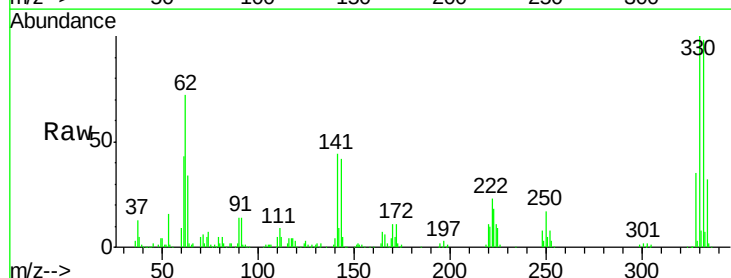


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

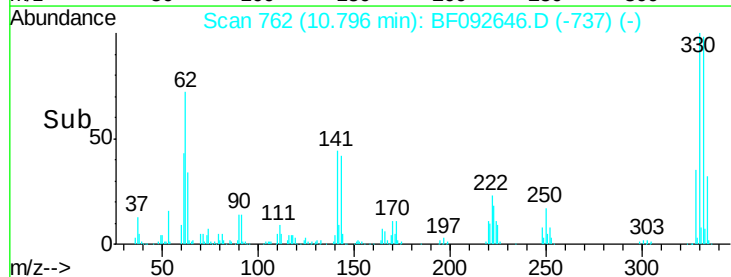
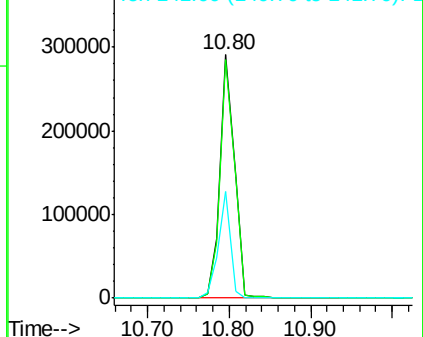


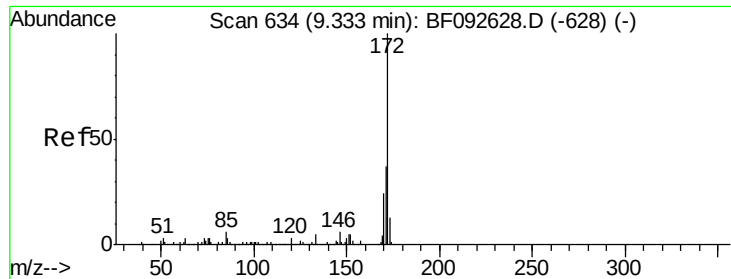
#41
 2,4,6-Tribromophenol
 Concen: 143.29 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092646.D
 Acq: 30 Jan 2017 21:05

Tgt Ion:330 Resp: 359714
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 36.9 34.1 51.1



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

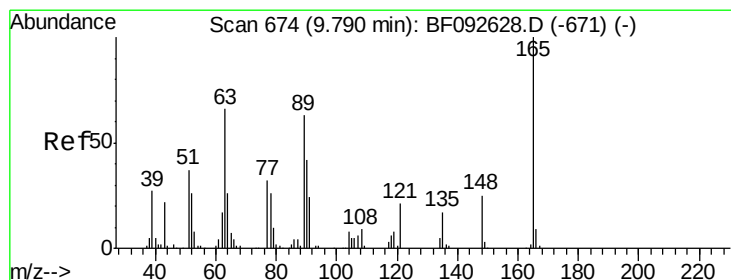
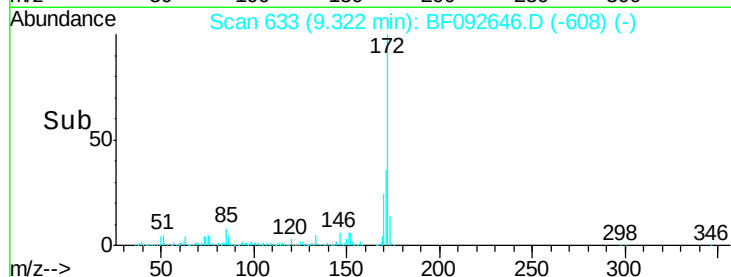
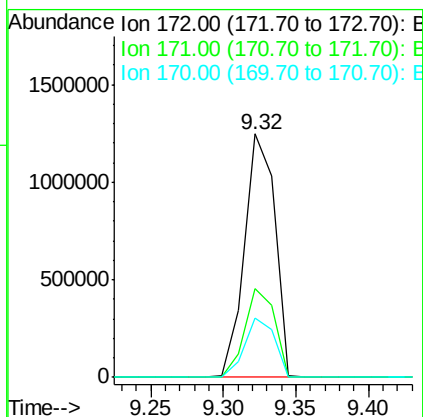
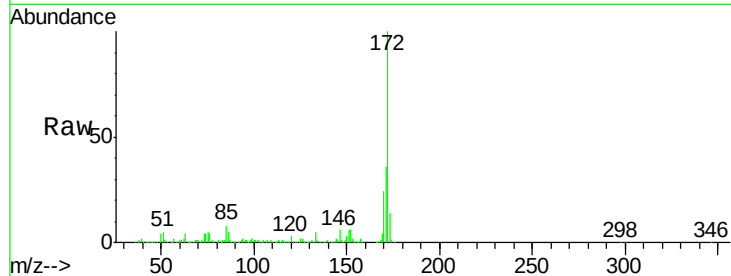




#44
 2-Fluorobiphenyl
 Concen: 94.96 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092646.D
 Acq: 30 Jan 2017 21:05

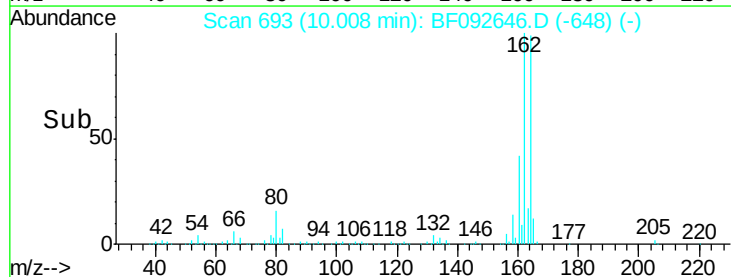
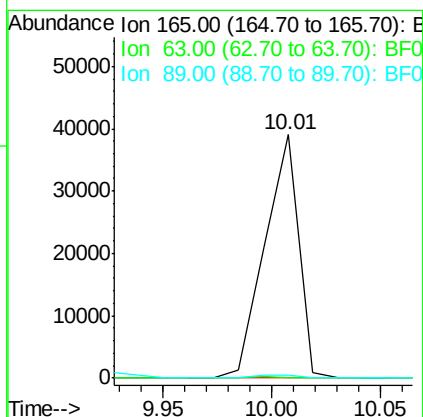
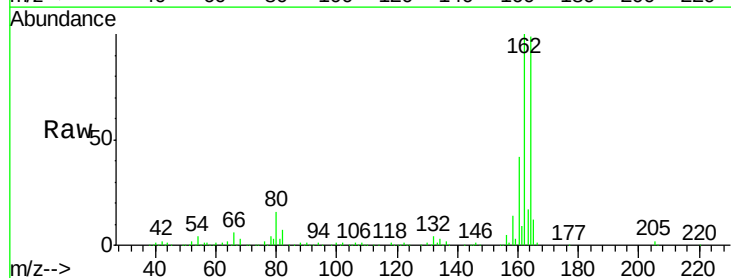
Instrument :
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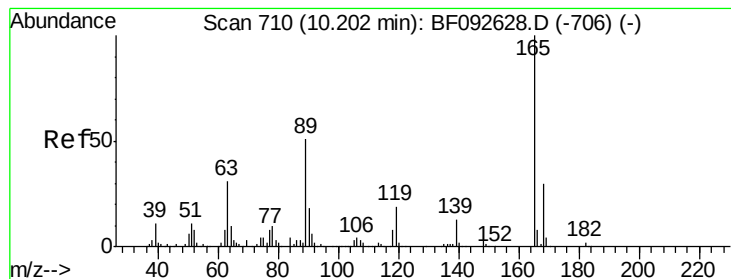
Tgt Ion:172 Resp: 1819198
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092646.D
 Acq: 30 Jan 2017 21:05

Tgt Ion:165 Resp: 42837
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.2 40.2 60.4#





#56

2,4-Dinitrotoluene

Concen: 6.37 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.19 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

Tgt Ion:165 Resp: 42840

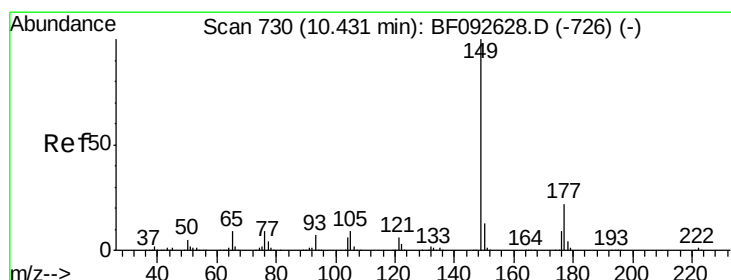
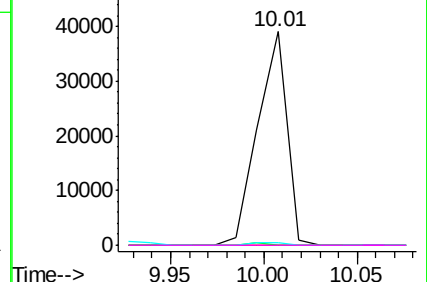
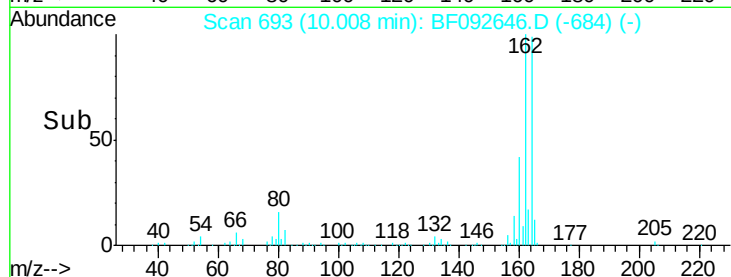
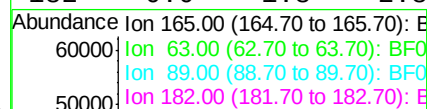
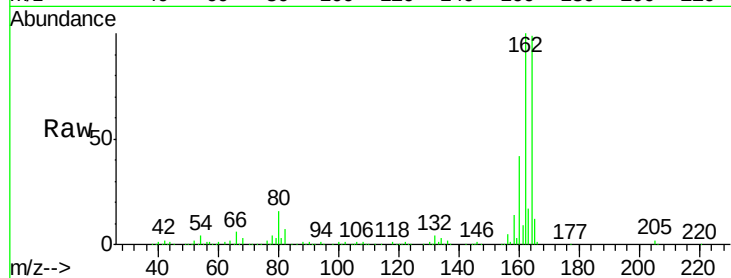
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#



#59

Diethylphthalate

Concen: 10.86 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

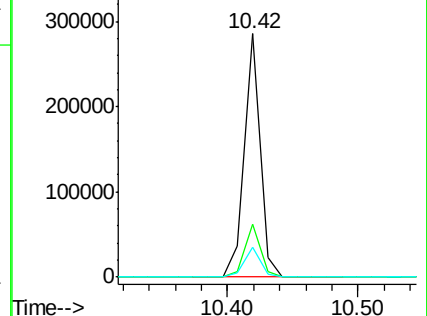
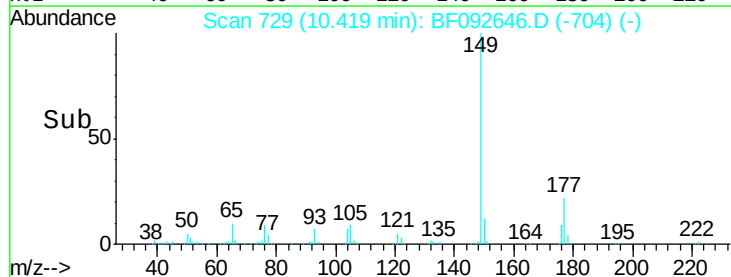
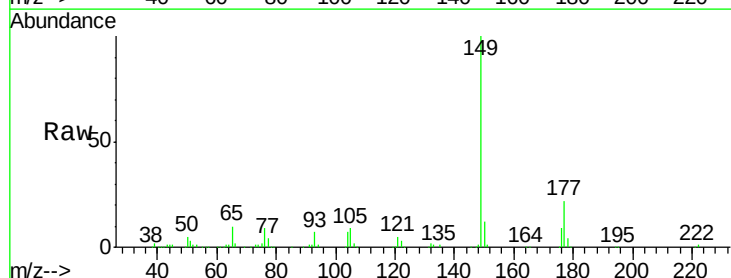
Tgt Ion:149 Resp: 239178

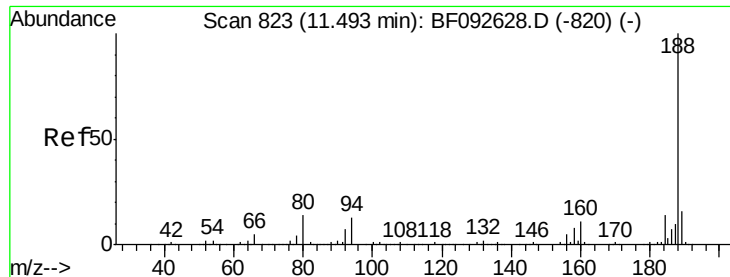
Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

150 12.3 10.4 15.6

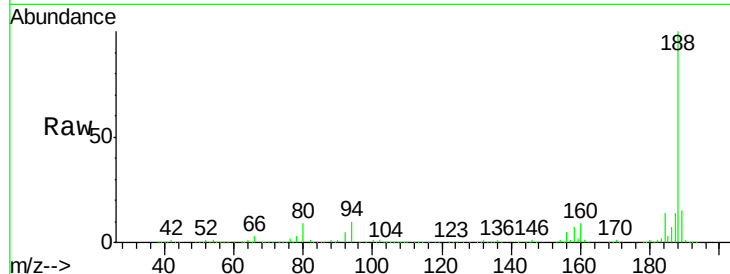




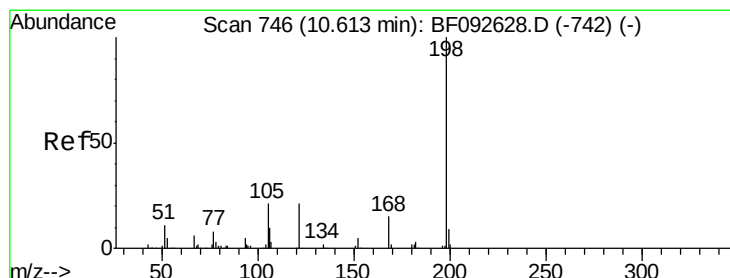
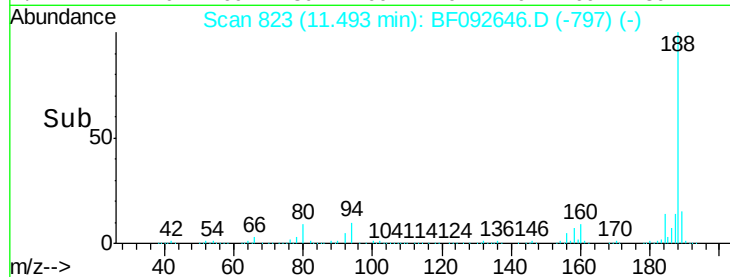
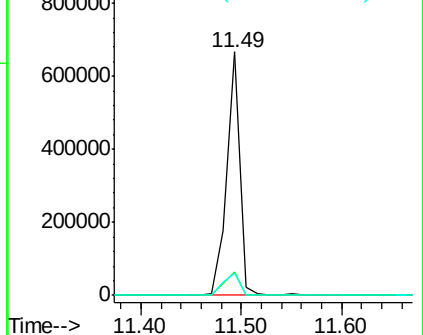
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092646.D
Acq: 30 Jan 2017 21:05

Instrument :
BNA_F
ClientSampleId :
ELT-FB012617

Tgt Ion:188 Resp: 606191
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 9.3 11.2 16.8#

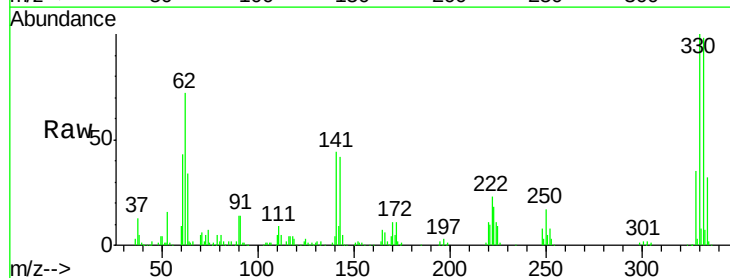


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

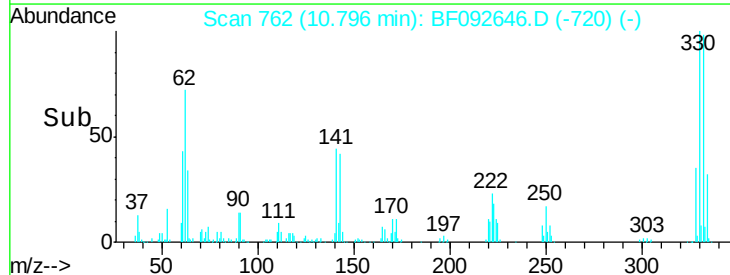
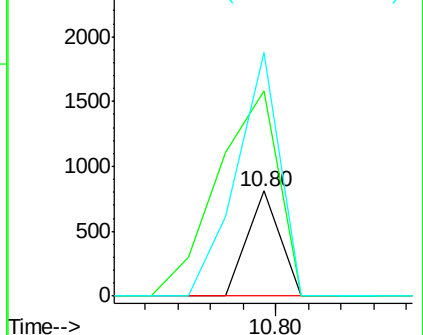


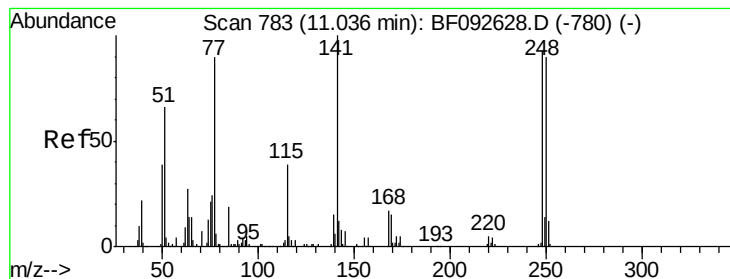
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092646.D
Acq: 30 Jan 2017 21:05

Tgt Ion:198 Resp: 554
Ion Ratio Lower Upper
198 100
51 196.3 6.7 46.7#
105 232.3 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: 4.05 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

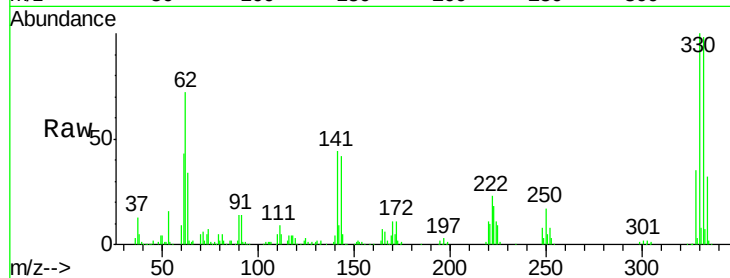
Tgt Ion:248 Resp: 25621

Ion Ratio Lower Upper

248 100

250 204.0 76.9 115.3#

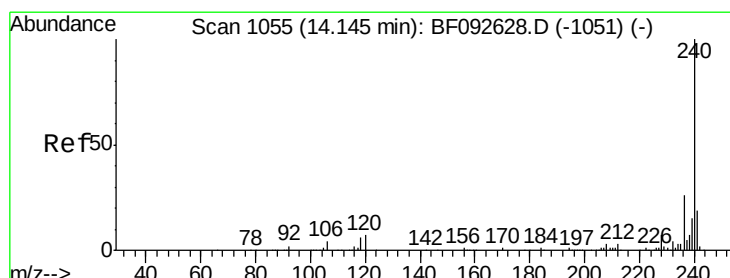
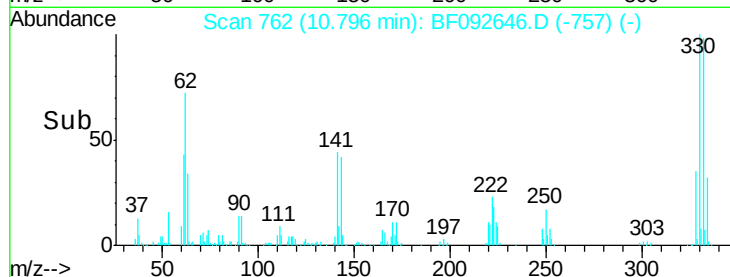
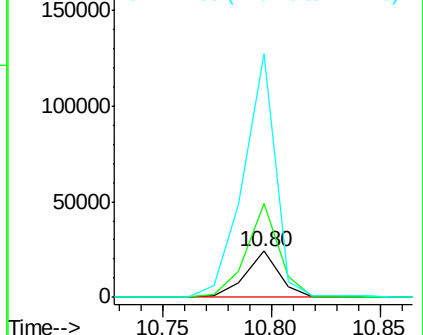
141 530.4 68.2 102.4#



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: BF092646.D

Acq: 30 Jan 2017 21:05

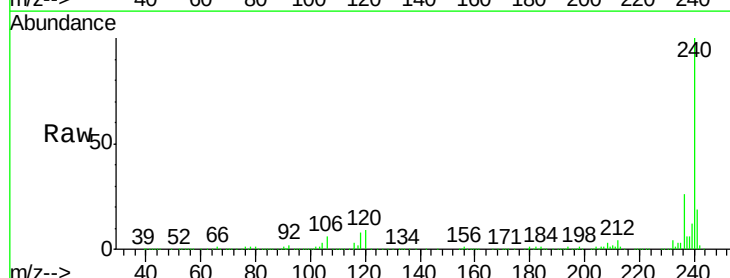
Tgt Ion:240 Resp: 551369

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

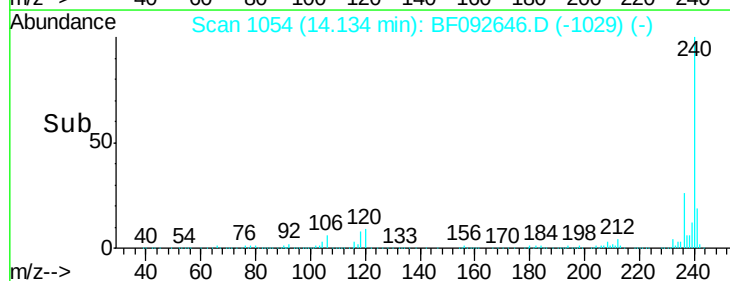
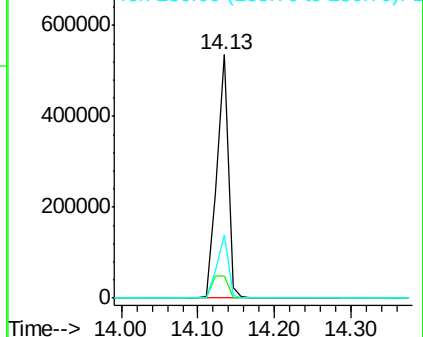
236 25.7 20.9 31.3

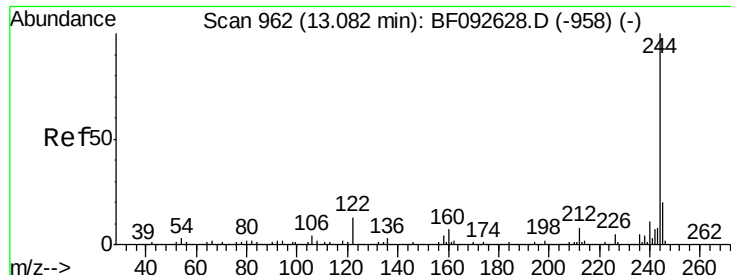


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.62 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

Instrument :

BNA_F

ClientSampleId :

ELT-FB012617

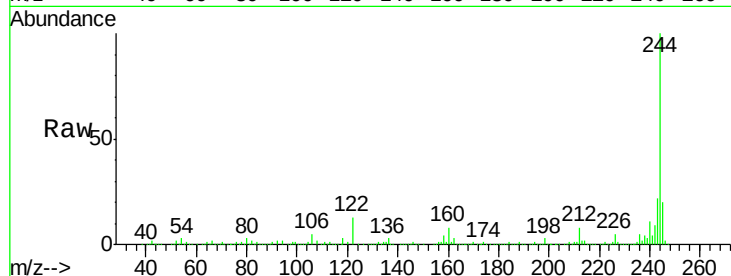
Tgt Ion:244 Resp: 1633594

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

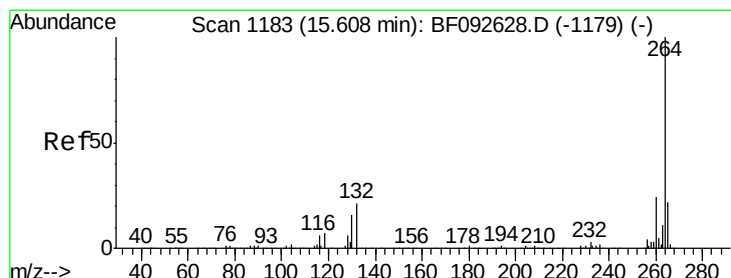
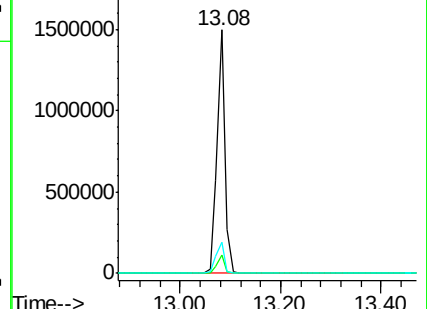
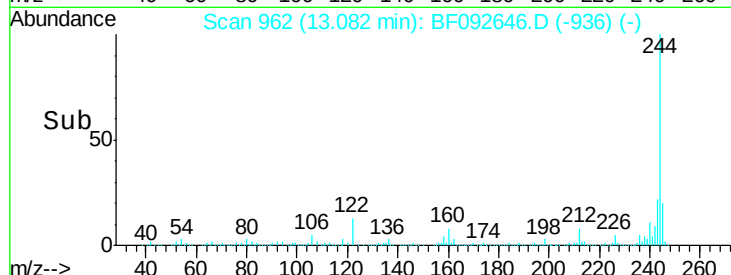
122 13.1 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092646.D

Acq: 30 Jan 2017 21:05

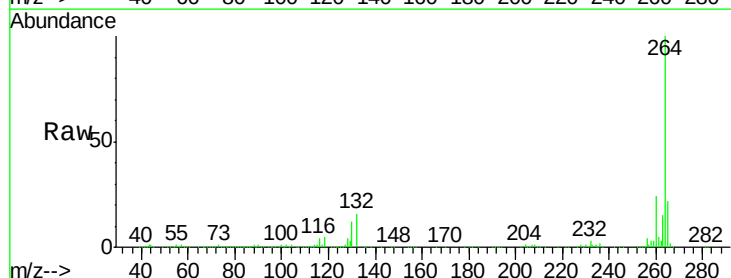
Tgt Ion:264 Resp: 422215

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 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

