

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080258.D
 Acq On : 1 Jul 2015 5:28
 Operator : TP/IZ
 Sample : G2838-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Quant Time: Jul 01 06:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33915	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	136942	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	74480	20.00	ng	-0.03
63) Phenanthrene-d10	11.96	188	145440	20.00	ng	0.05
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.00
86) Perylene-d12	0.00	264	0	0.00	ng	-16.93

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	353557	184.54	ng	-0.03
7) Phenol-d6	6.89	99	450049	176.52	ng	-0.03
23) Nitrobenzene-d5	7.84	82	254117	108.03	ng	-0.03
41) 2,4,6-Tribromophenol	11.18	330	113357	155.65	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	516128	98.82	ng	-0.03
78) Terphenyl-d14	0.00	244	0	0.00	ng	

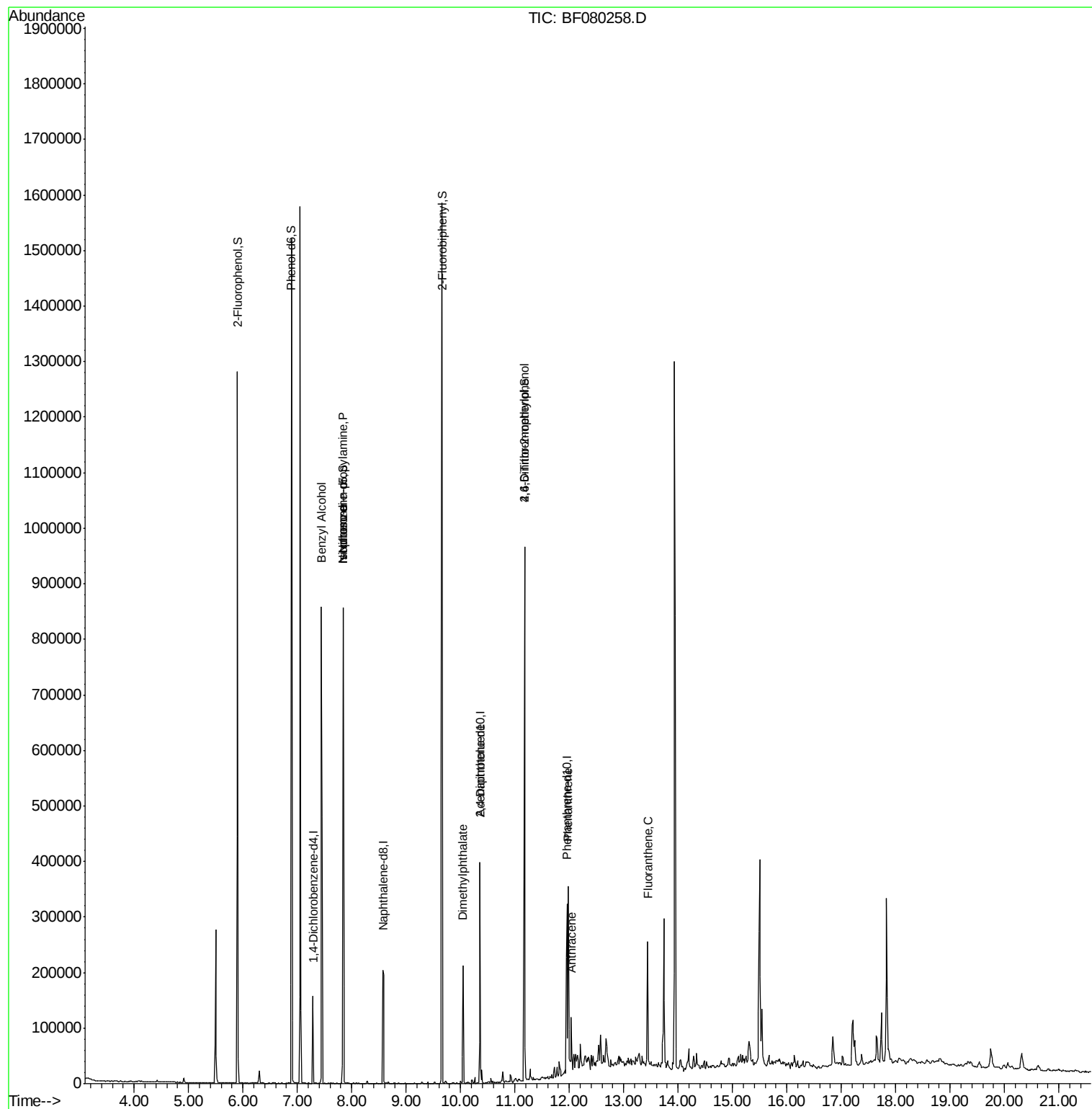
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.44	79	4462	2.14	ng	# 27
19) n-Nitroso-di-n-propylamine	7.84	70	32947	18.61	ng	# 62
25) Isophorone	7.84	82	246596	52.09	ng	# 58
49) Dimethylphthalate	10.05	163	87542	15.63	ng	# 97
56) 2,4-Dinitrotoluene	10.36	165	9510	6.68	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.18	198	268	3.94	ng	# 1
70) Phenanthrene	11.98	178	119514	13.57	ng	97
71) Anthracene	12.04	178	30683	3.62	ng	96
74) Fluoranthene	13.44	202	145700	15.54	ng	88

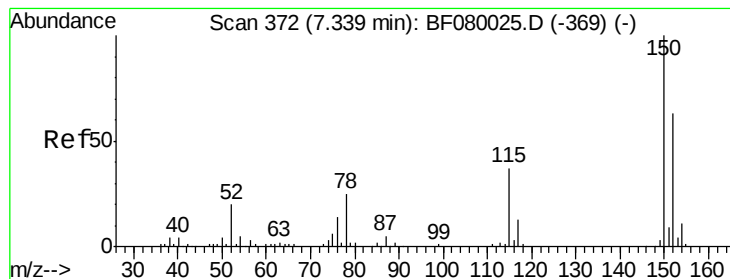
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

TEC-B13

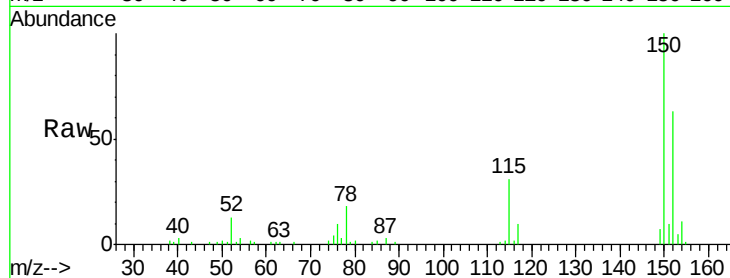
Tgt Ion:152 Resp: 33915

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

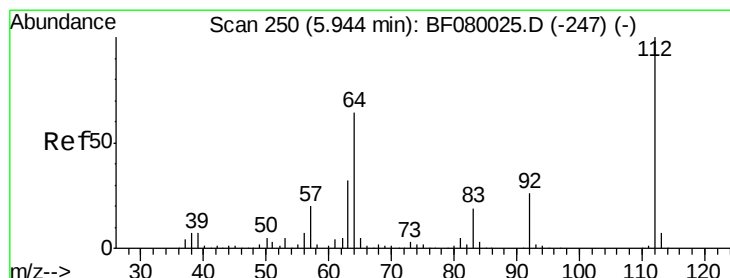
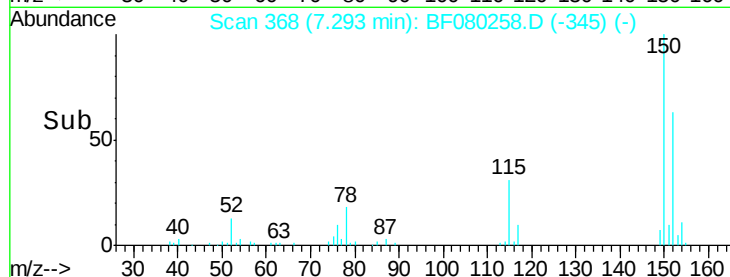
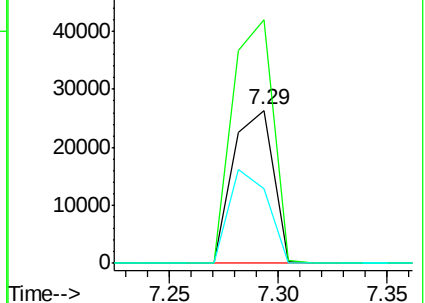
115 48.6 39.0 58.4



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: 184.54 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

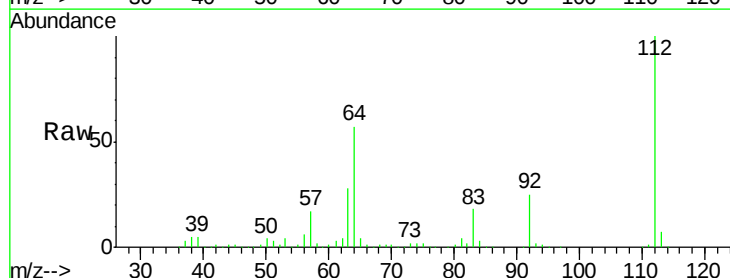
Tgt Ion:112 Resp: 353557

Ion Ratio Lower Upper

112 100

64 56.9 39.7 59.5

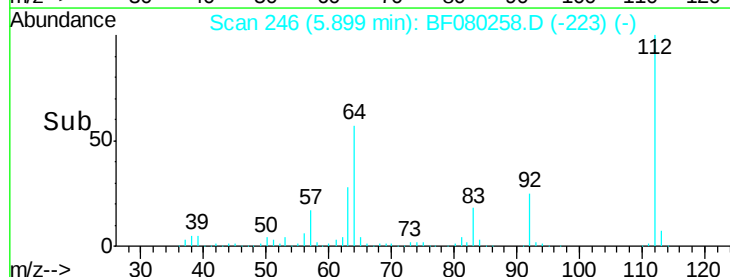
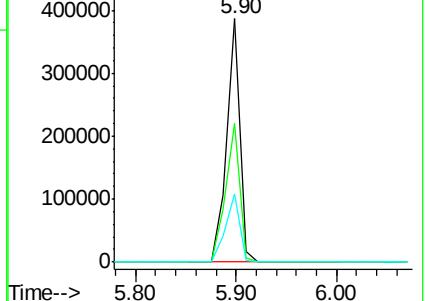
63 28.1 17.4 26.0#



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: 176.52 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

TEC-B13

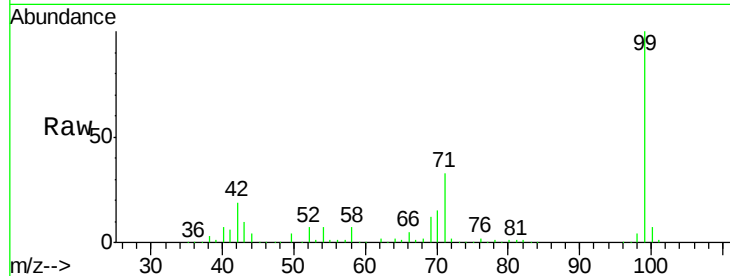
Tgt Ion: 99 Resp: 450049

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

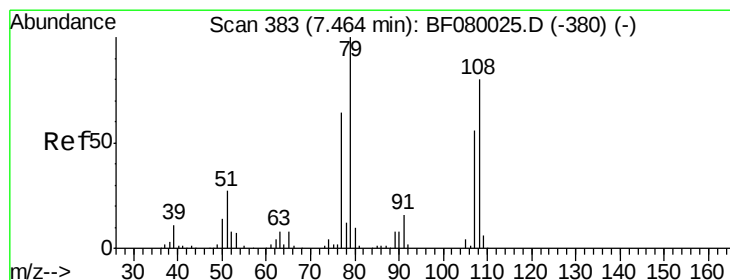
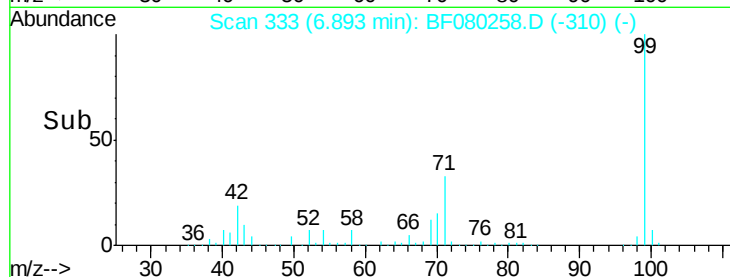
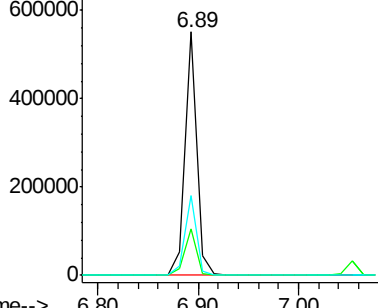
71 32.8 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

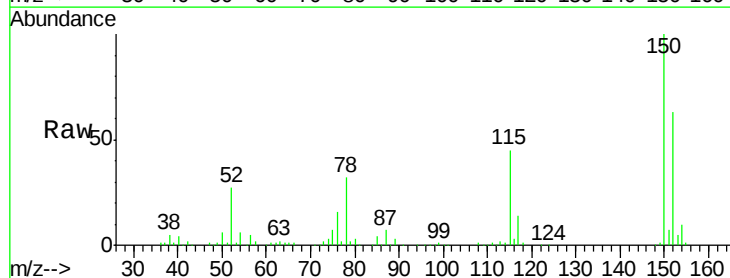
Tgt Ion: 79 Resp: 4462

Ion Ratio Lower Upper

79 100

108 28.3 88.6 132.8#

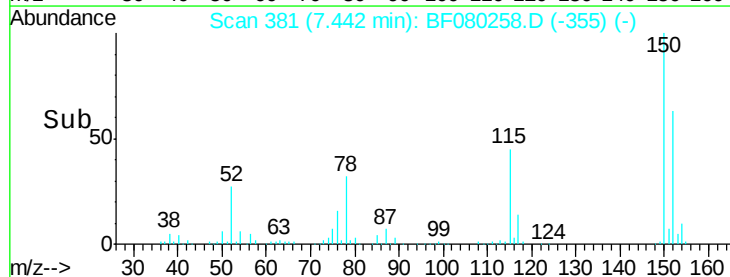
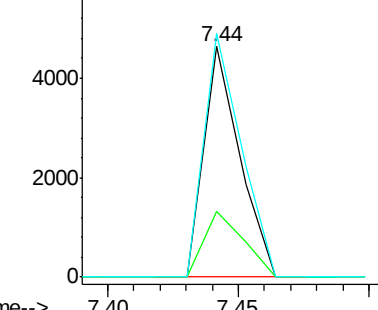
77 105.7 47.0 70.4#

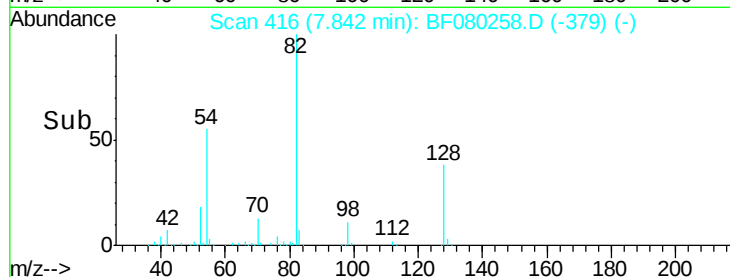
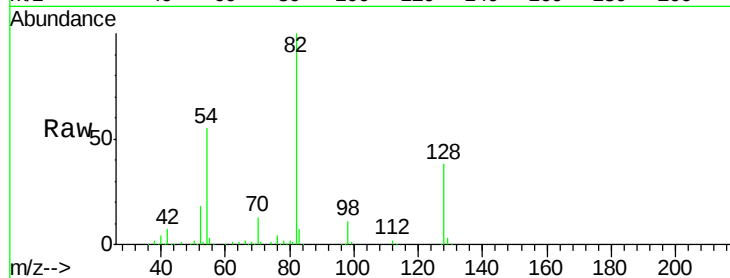
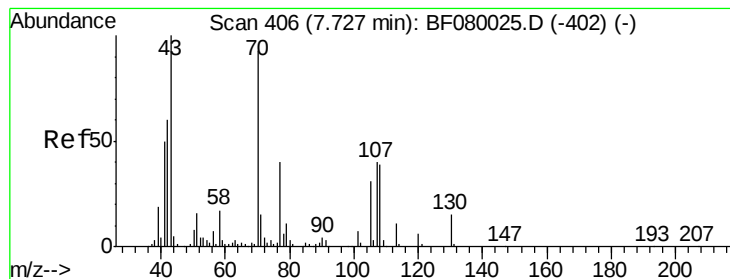


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.61 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

TEC-B13

Tgt Ion: 70 Resp: 32947

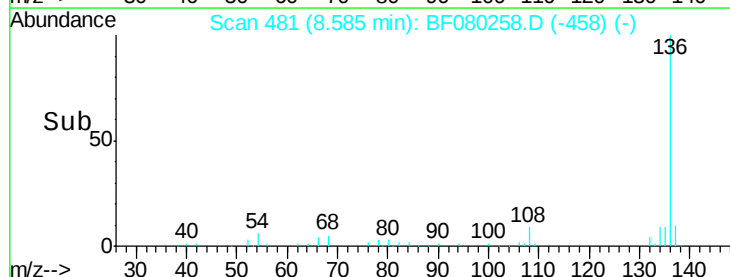
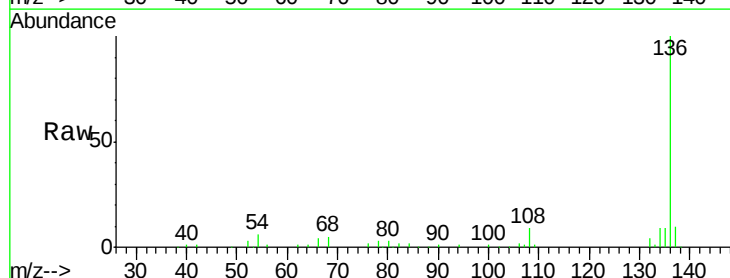
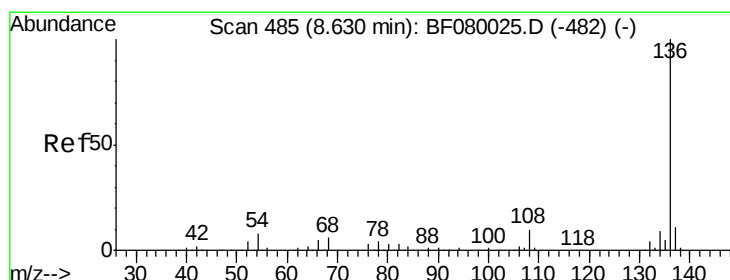
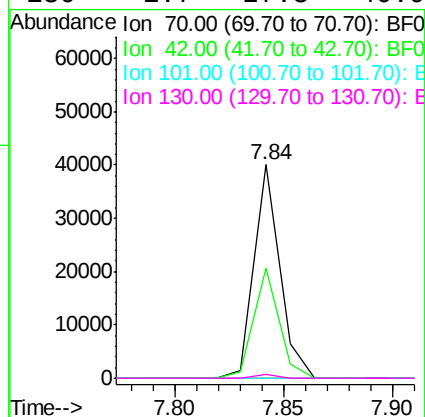
Ion Ratio Lower Upper

70 100

42 51.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Tgt Ion: 136 Resp: 136942

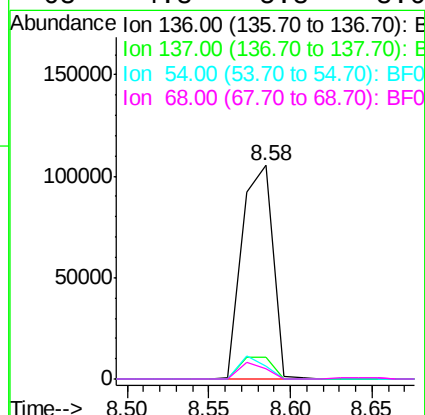
Ion Ratio Lower Upper

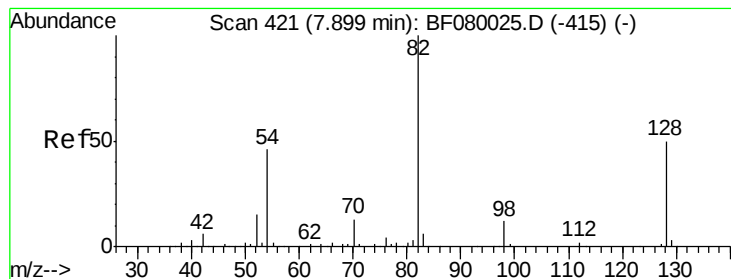
136 100

137 10.1 9.0 13.6

54 5.8 8.2 12.2#

68 4.8 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 108.03 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

TEC-B13

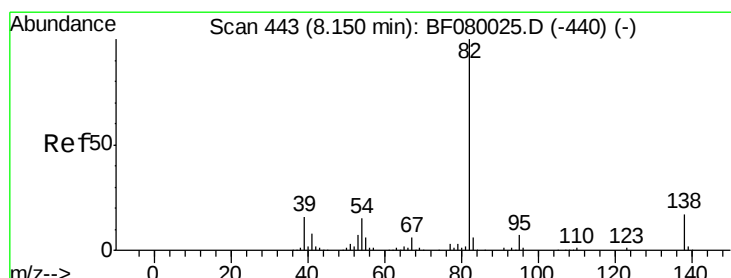
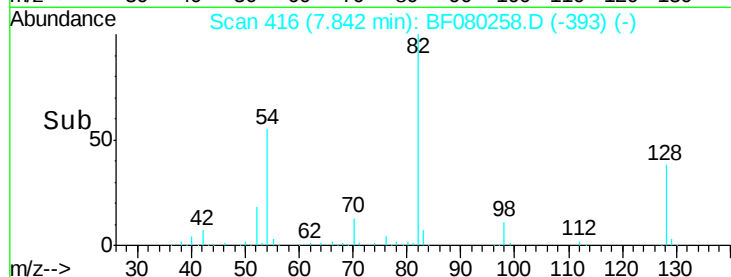
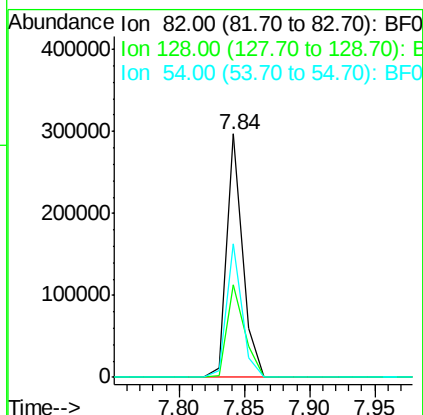
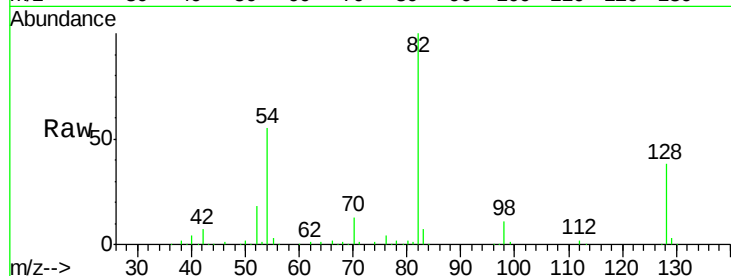
Tgt Ion: 82 Resp: 254117

Ion Ratio Lower Upper

82 100

128 38.2 51.0 76.6#

54 55.0 47.5 71.3



#25

Isophorone

Concen: 52.09 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

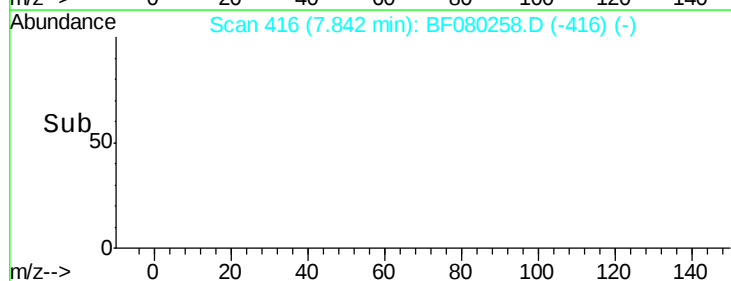
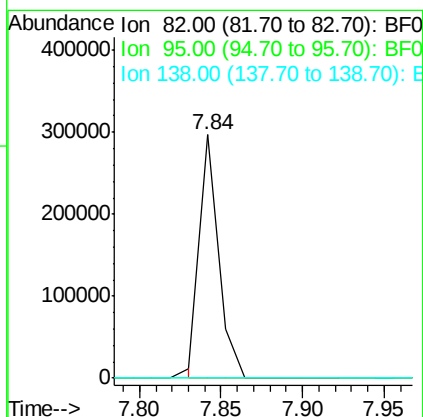
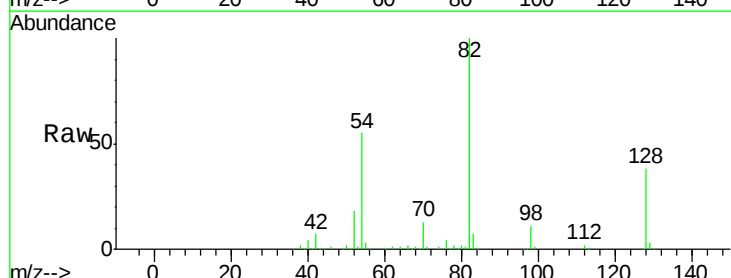
Tgt Ion: 82 Resp: 246596

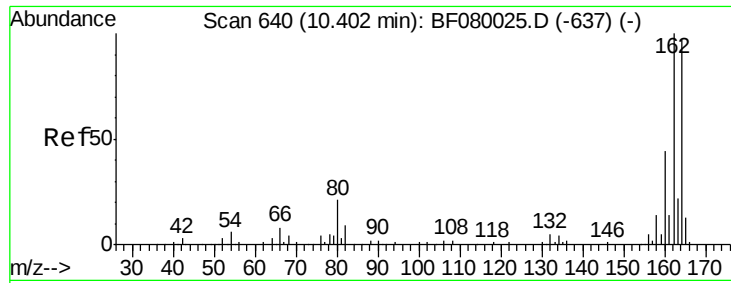
Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

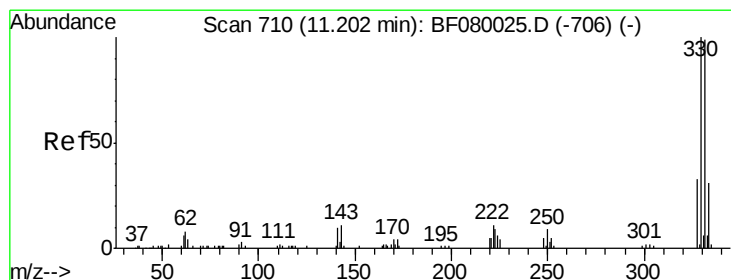
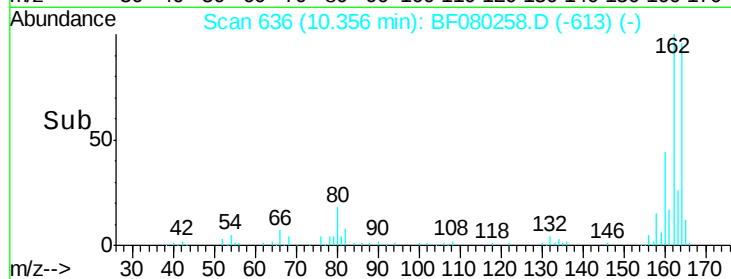
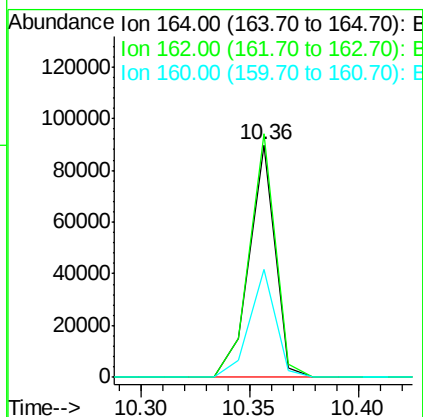
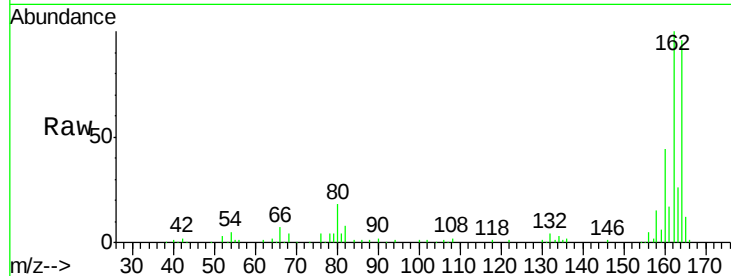




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

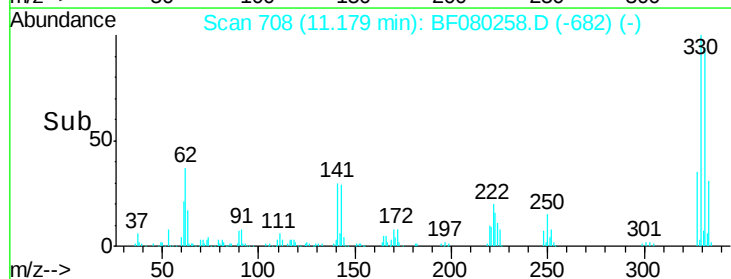
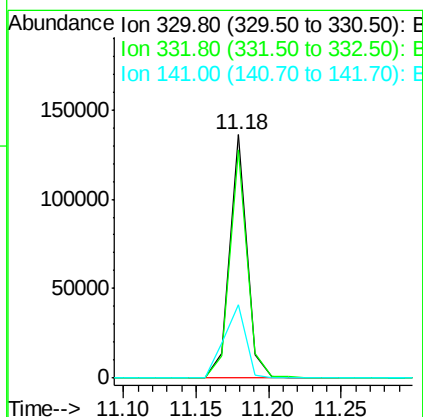
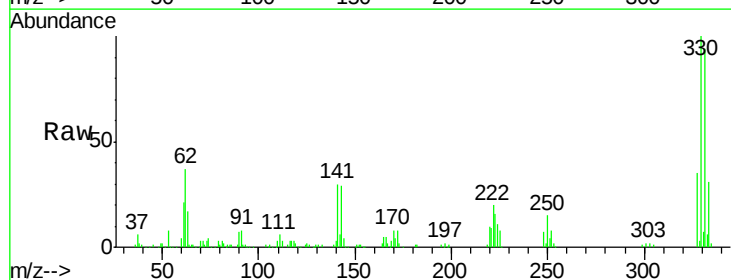
Instrument :
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 TEC-B13

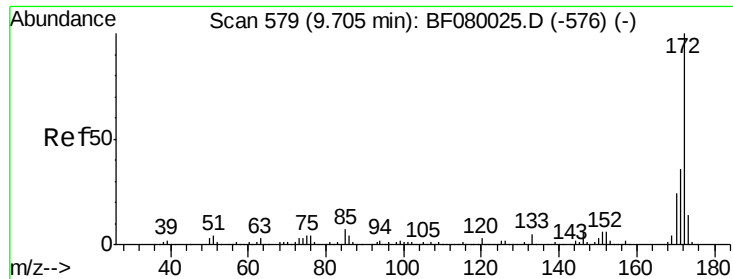
Tgt Ion:164 Resp: 74480
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 46.4 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 155.65 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion:330 Resp: 113357
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 37.8 29.7 44.5

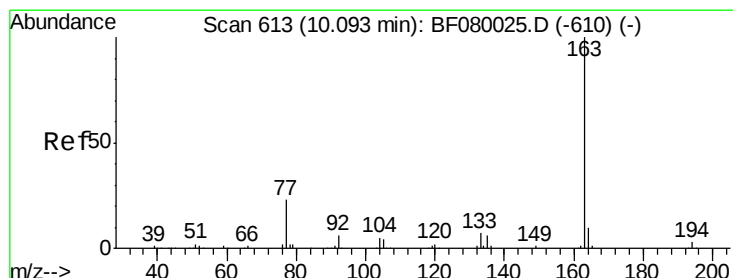
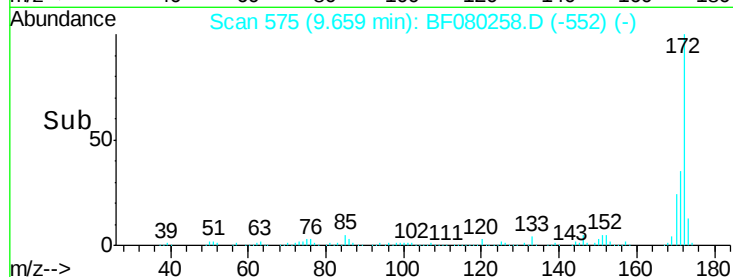
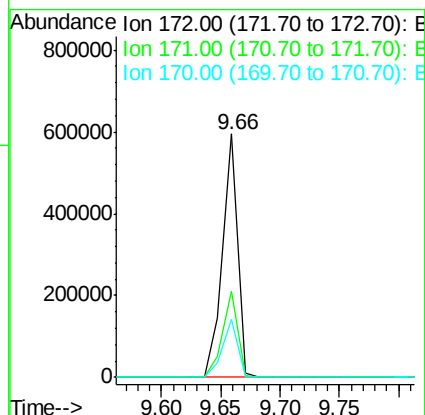
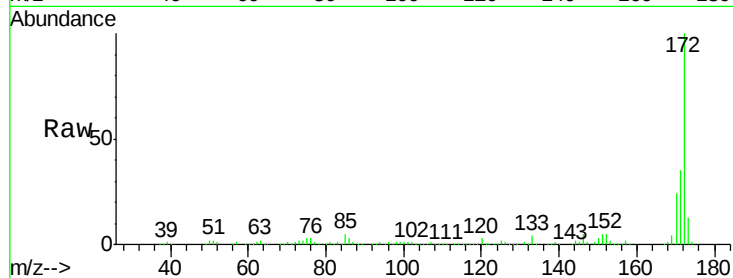




#44
2-Fluorobiphenyl
Concen: 98.82 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

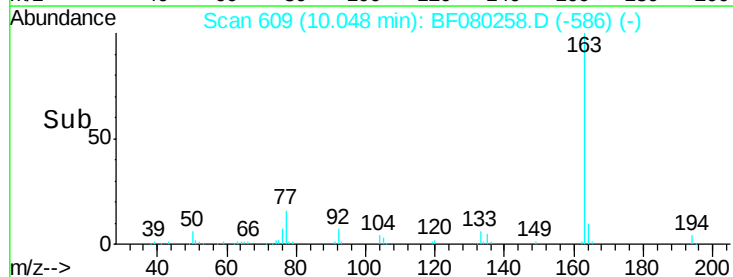
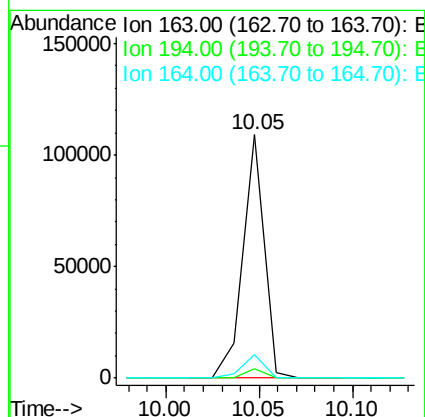
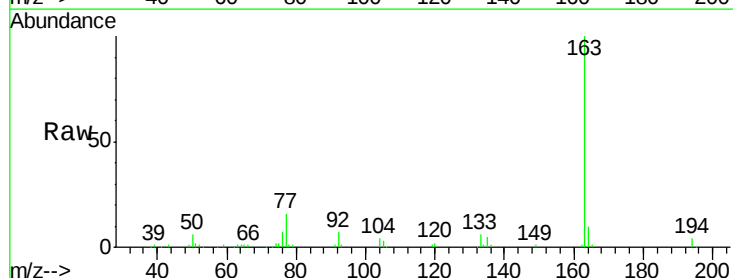
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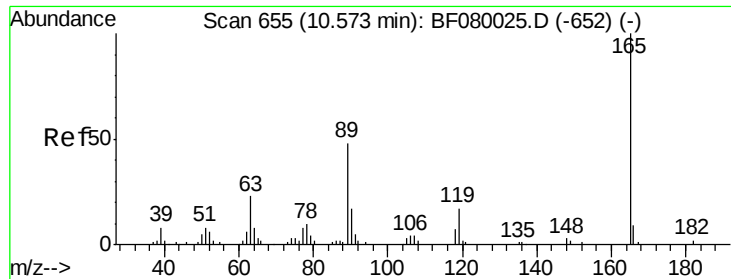
Tgt Ion:172 Resp: 516128
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 23.8 17.4 26.2



#49
Dimethylphthalate
Concen: 15.63 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Tgt Ion:163 Resp: 87542
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.7 8.3 12.5

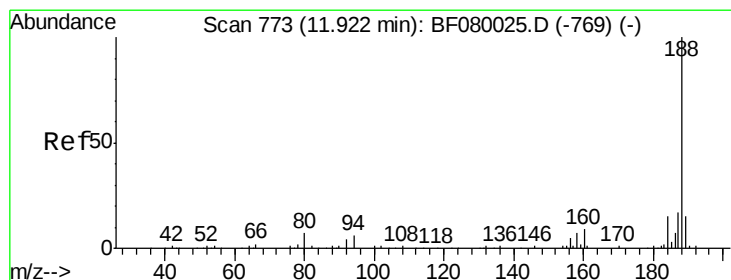
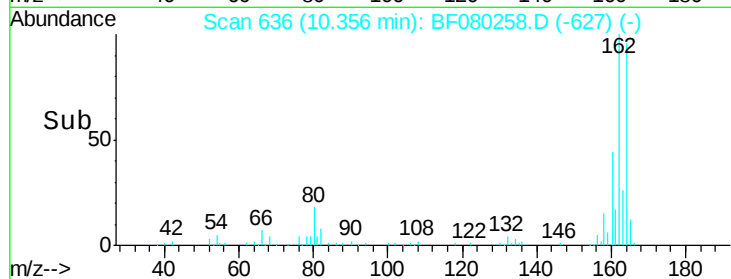
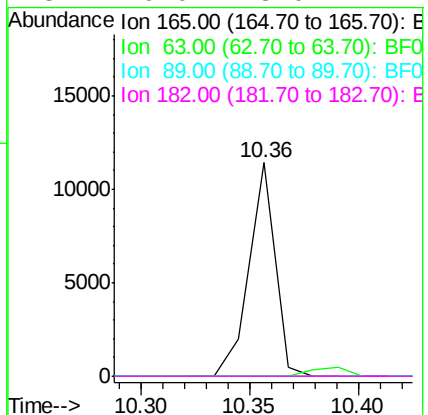
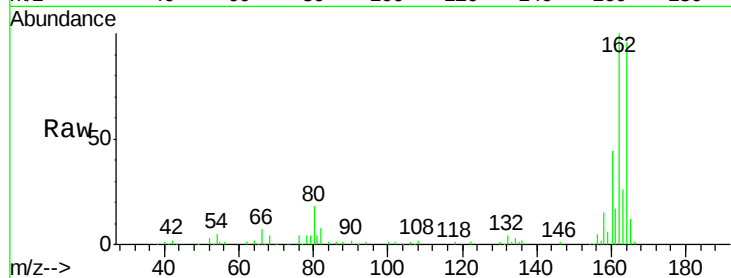




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

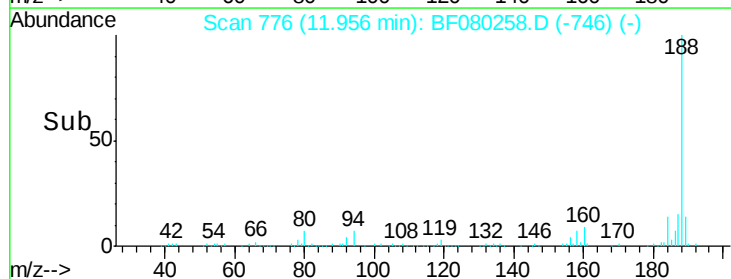
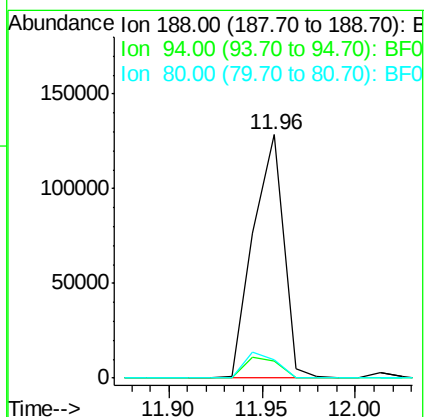
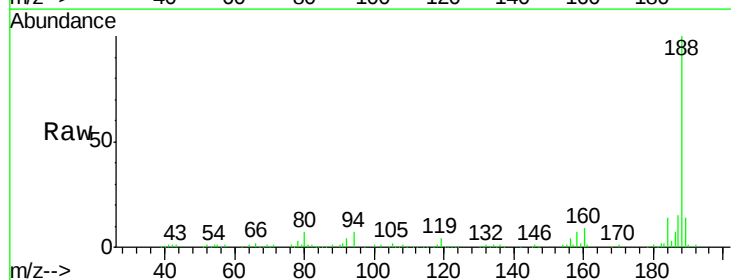
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

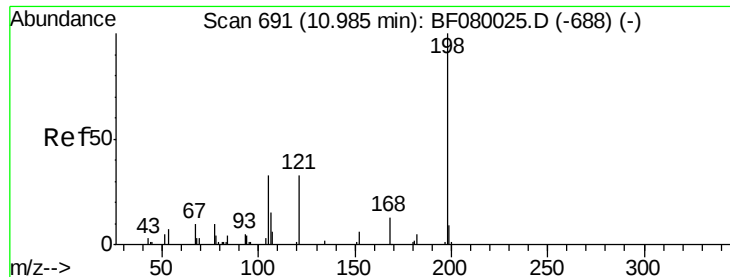
Tgt Ion:	165	Resp:	9510
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.96 min Scan# 776
 Delta R.T. 0.05 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion:	188	Resp:	145440
Ion	Ratio	Lower	Upper
188	100		
94	7.0	11.1	16.7#
80	7.3	11.0	16.4#

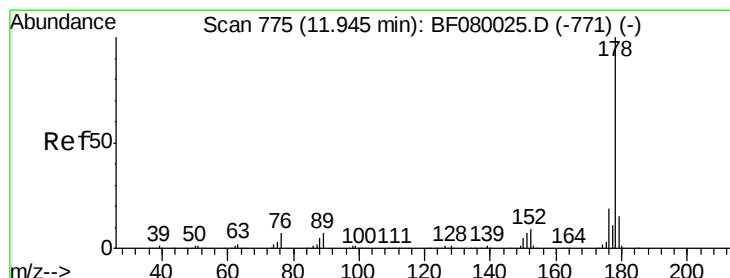
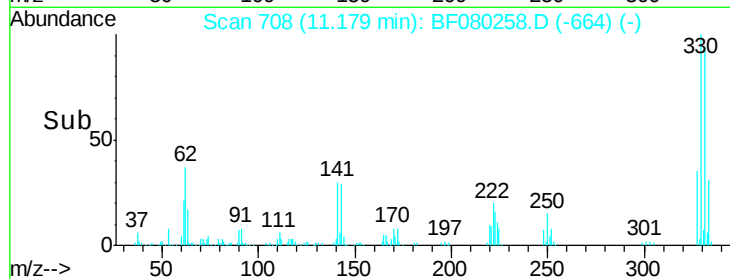
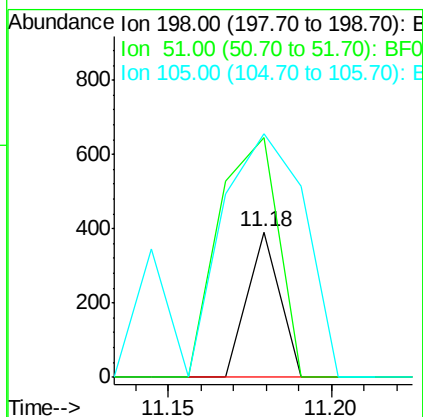
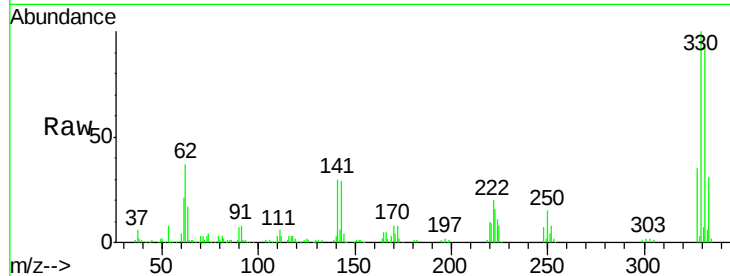




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.94 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.21 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

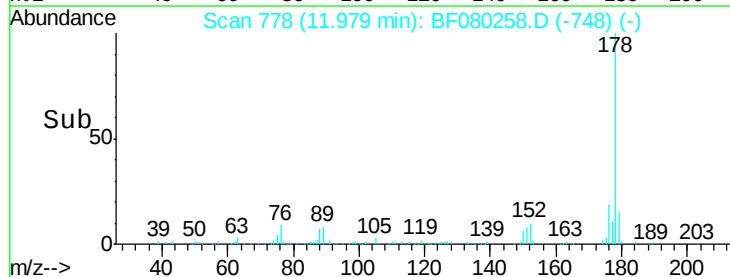
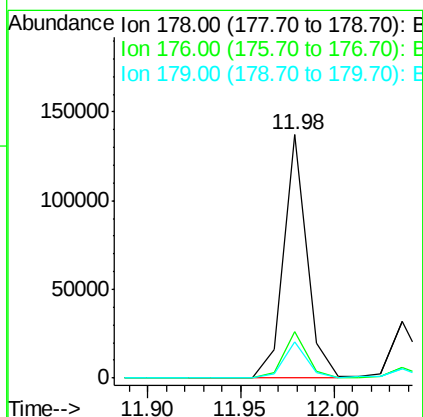
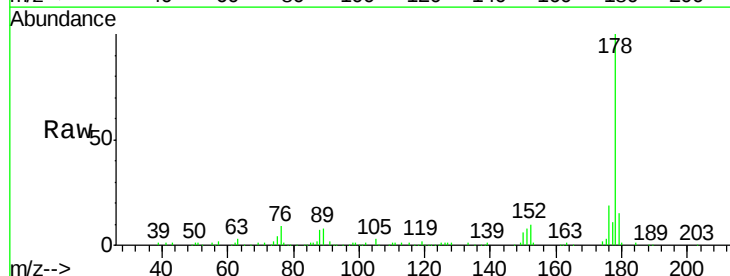
Instrument :
 BNA_F
 ClientSampled :
 TEC-B13

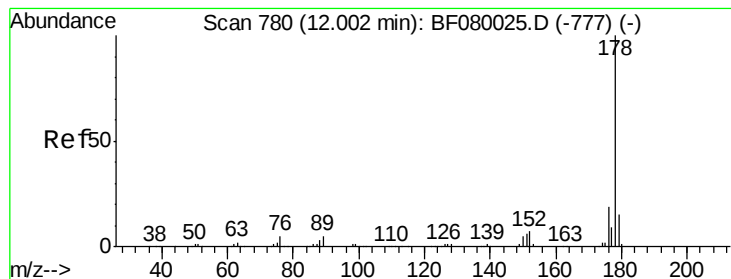
Tgt Ion:198 Resp: 268
 Ion Ratio Lower Upper
 198 100
 51 165.2 39.6 79.6#
 105 167.8 28.5 68.5#



#70
 Phenanthrene
 Concen: 13.57 ng
 RT: 11.98 min Scan# 778
 Delta R.T. 0.05 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion:178 Resp: 119514
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.1 12.2 18.2





#71

Anthracene

Concen: 3.62 ng

RT: 12.04 min Scan# 783

Delta R.T. 0.05 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

TEC-B13

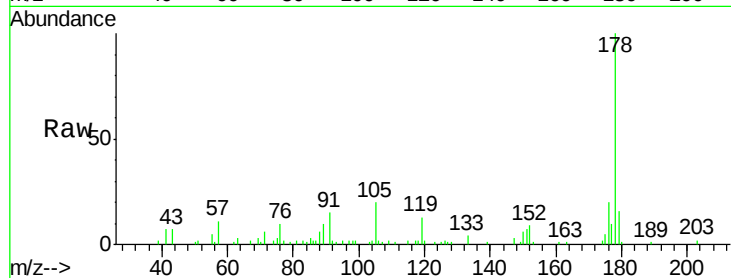
Tgt Ion:178 Resp: 30683

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

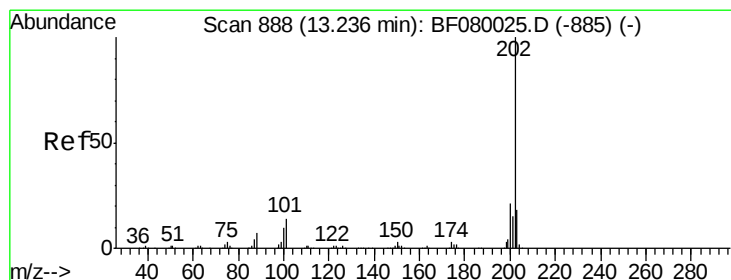
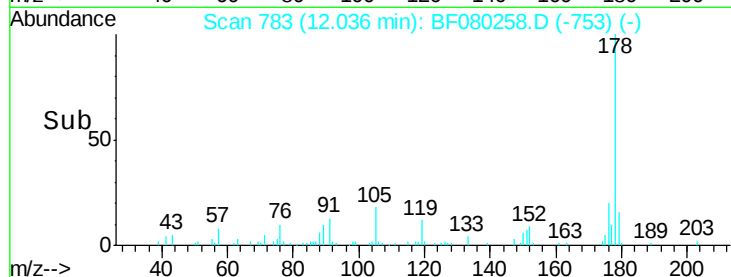
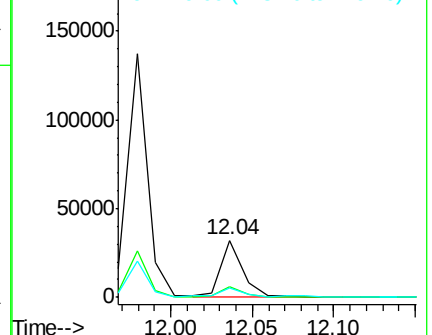
179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 15.54 ng

RT: 13.44 min Scan# 906

Delta R.T. 0.19 min

Lab File: BF080258.D

Acq: 1 Jul 2015 5:28

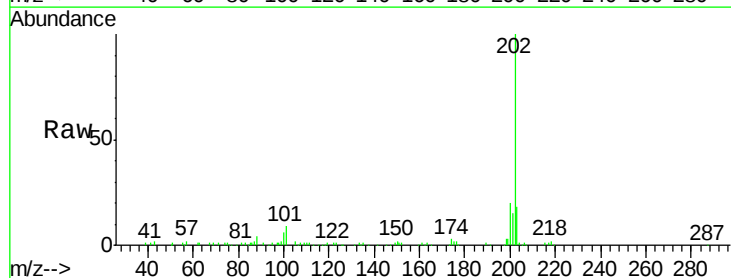
Tgt Ion:202 Resp: 145700

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

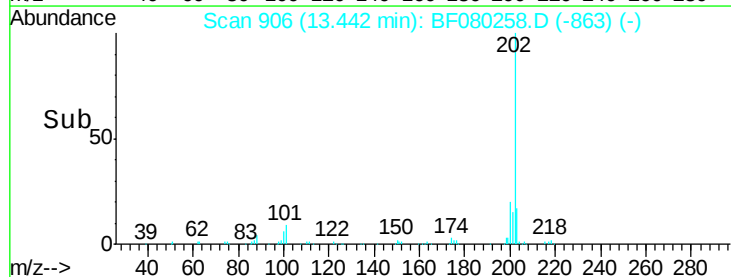
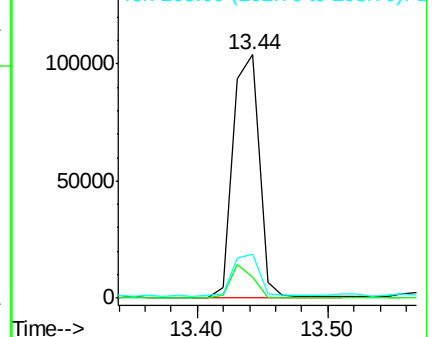
203 18.0 0.0 37.3

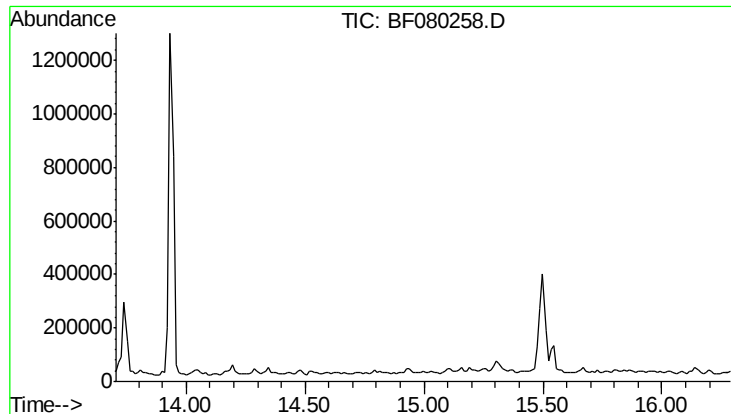


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

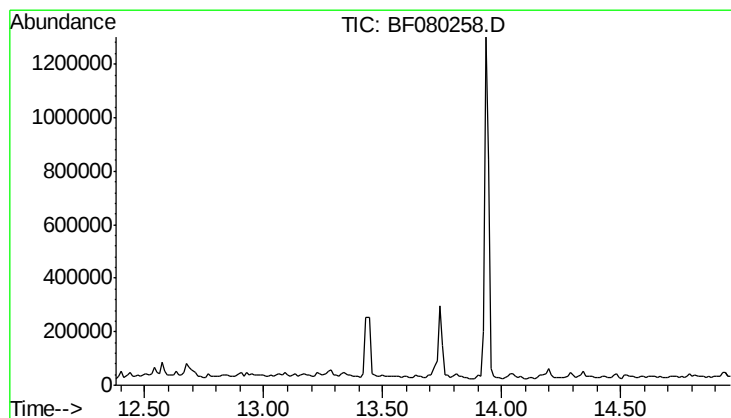
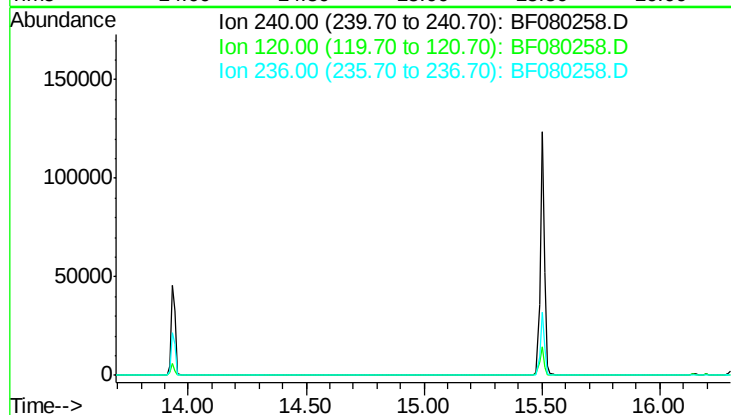




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.00 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

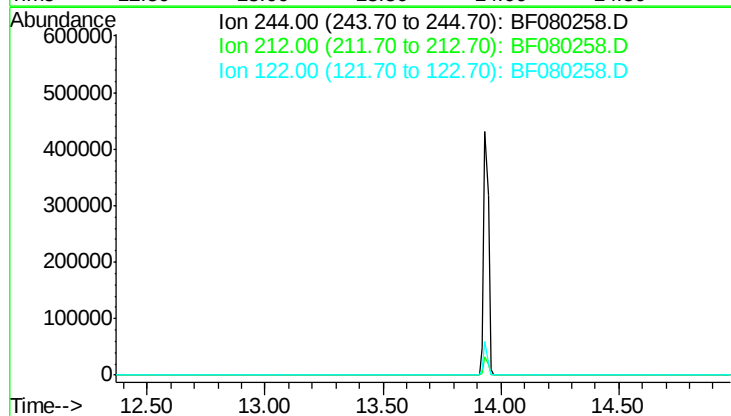
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

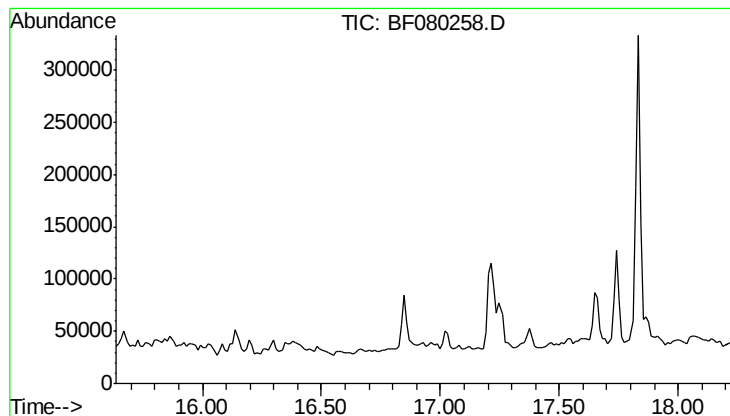
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 20.2
 236 23.0



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.67 min
 Lab File: BF080258.D
 Acq: 1 Jul 2015 5:28

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 5.4
 122 21.8





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 16.93 min
Lab File: BF080258.D
Acq: 1 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
TEC-B13

Tgt Ion: 264
Sig Exp Ratio
264 100
260 20.9
265 21.5

