

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022454.D
 Acq On : 20 Jun 2016 23:41
 Operator : UM/SJ
 Sample : H3679-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-44

Quant Time: Jun 21 03:50:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	22434	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110495	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	67130	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	142605	20.00	ng	0.00
75) Chrysene-d12	21.64	240	114931	20.00	ng	0.00
86) Perylene-d12	24.84	264	102477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	77503	66.80	ng	0.00
7) Phenol-d6	7.18	99	73312	40.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	139574	88.07	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	88322	116.44	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	374436	85.00	ng	0.00
78) Terphenyl-d14	19.98	244	418034	86.35	ng	0.00

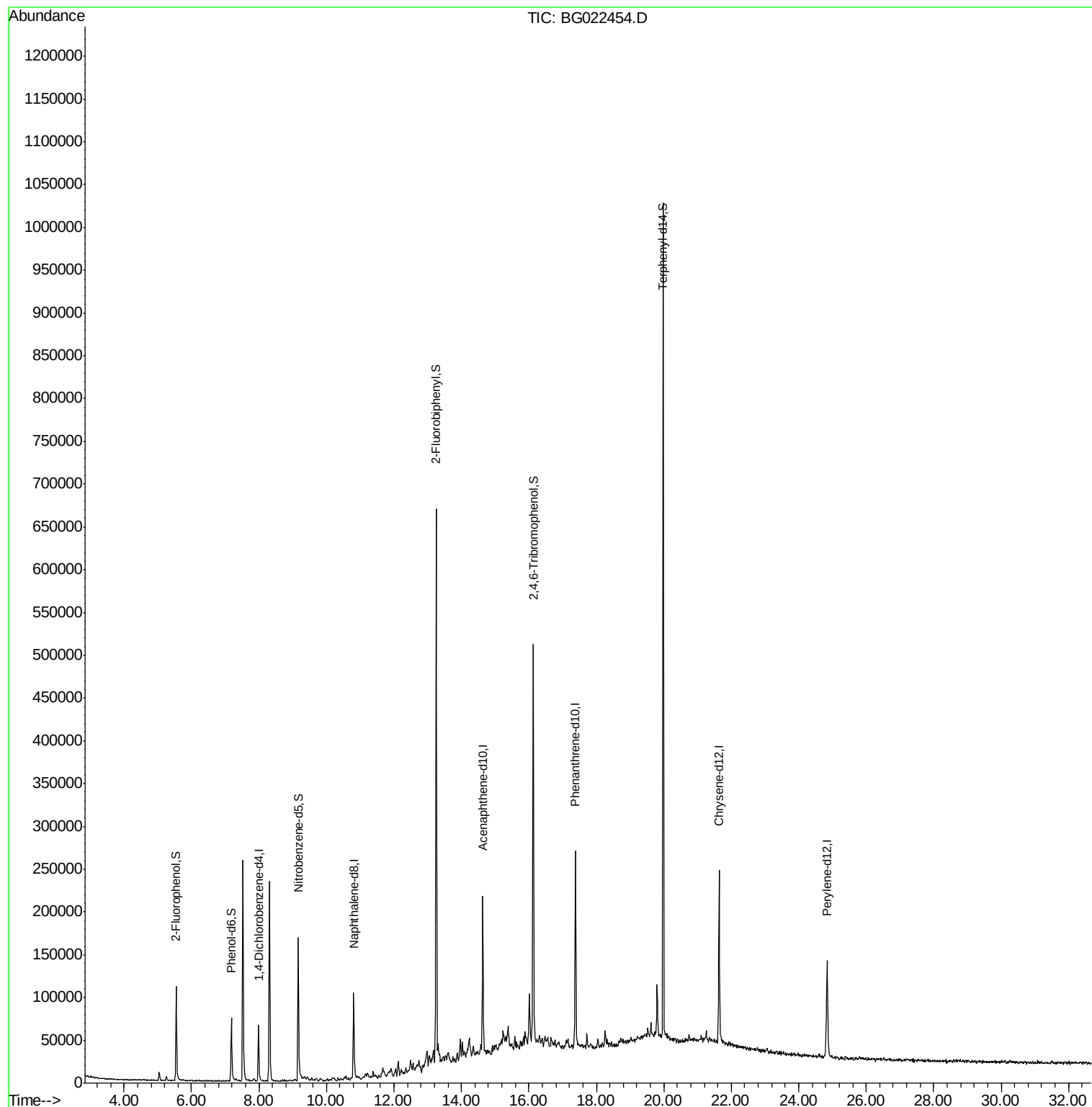
Target Compounds Qvalue

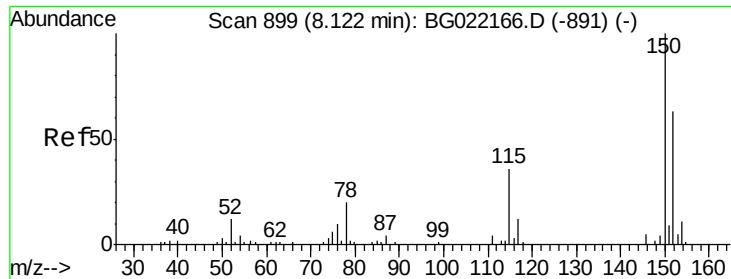
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

Instrument :

BNA_G

ClientSampleId :

W-44

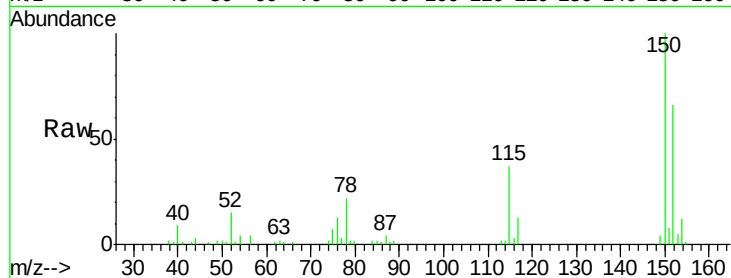
Tot Ion:152 Resp: 22434

Ion Ratio Lower Upper

152 100

150 151.6 130.1 195.1

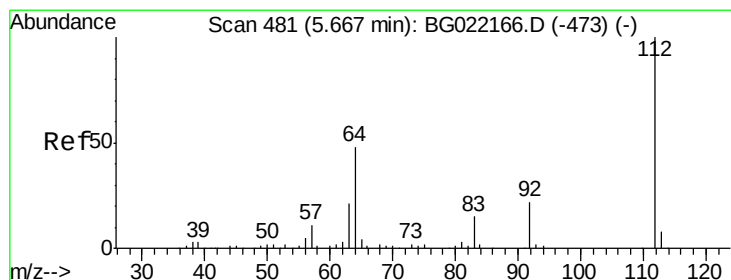
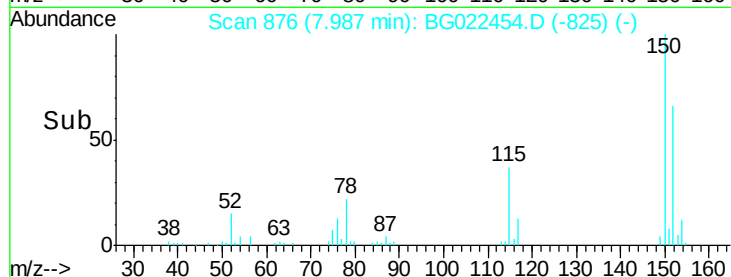
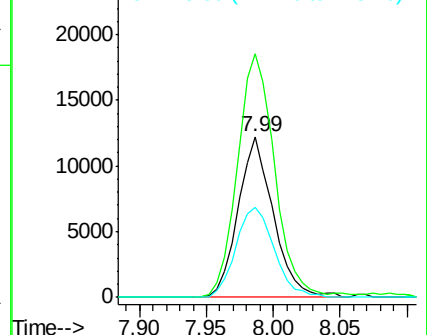
115 56.3 62.2 93.2#



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: 66.80 ng

RT: 5.54 min Scan# 460

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

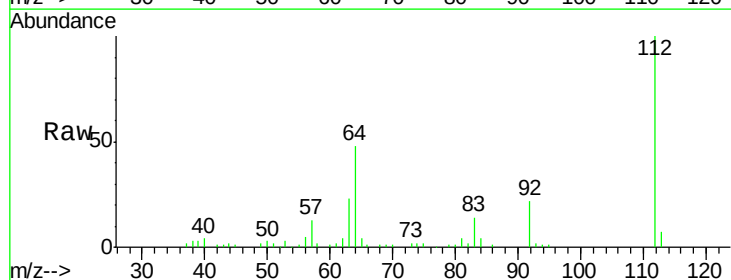
Tgt Ion:112 Resp: 77503

Ion Ratio Lower Upper

112 100

64 47.7 51.1 76.7#

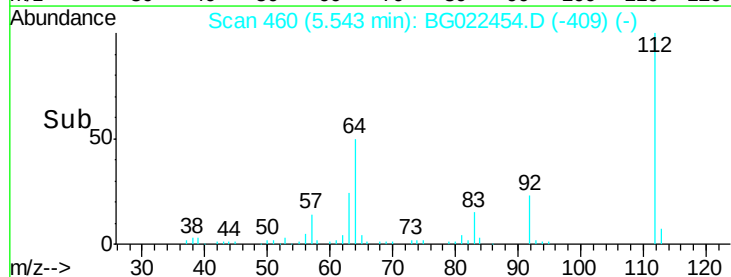
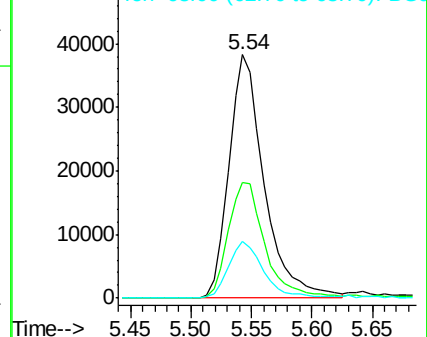
63 23.3 24.6 37.0#

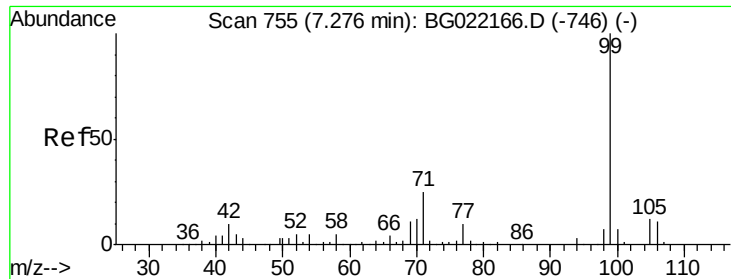


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.19 ng

RT: 7.18 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

Instrument :

BNA_G

ClientSampleId :

W-44

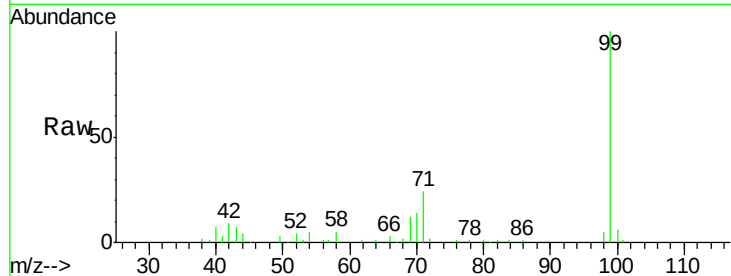
Tot Ion: 99 Resp: 73312

Ion Ratio Lower Upper

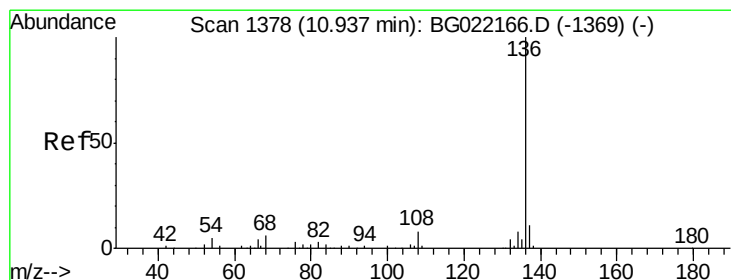
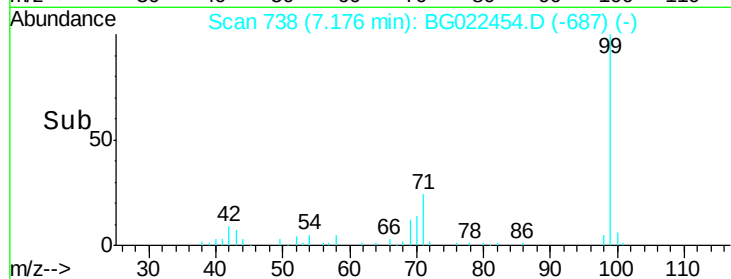
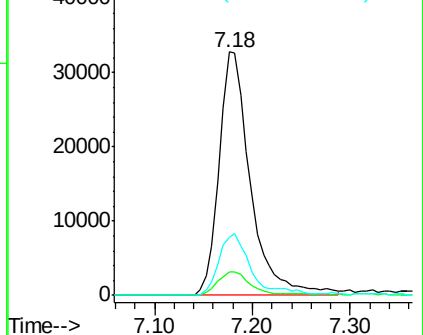
99 100

42 9.4 16.4 24.6#

71 23.8 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

Tgt Ion: 136 Resp: 110495

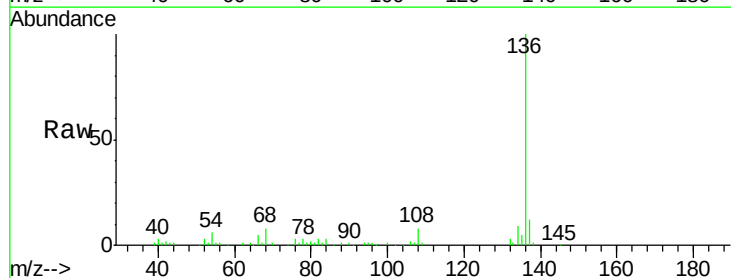
Ion Ratio Lower Upper

136 100

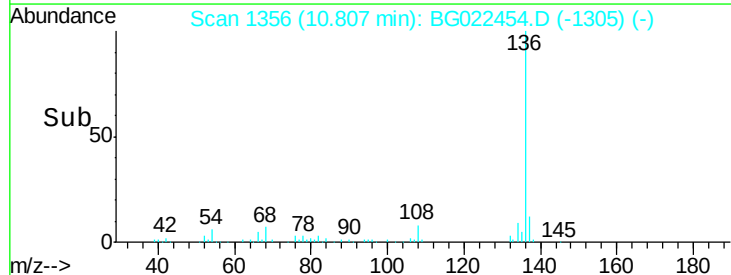
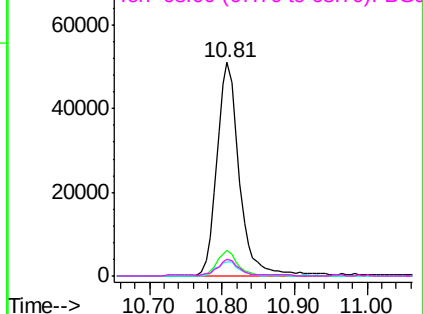
137 12.1 9.0 13.4

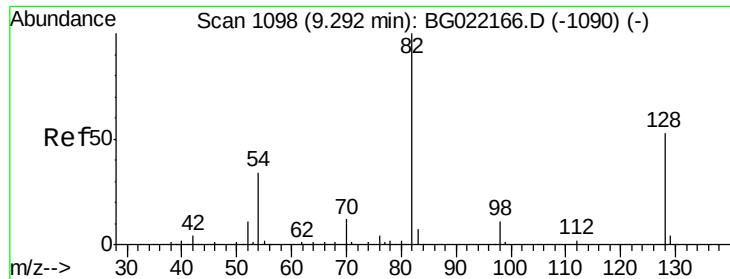
54 6.5 9.6 14.4#

68 7.6 6.4 9.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

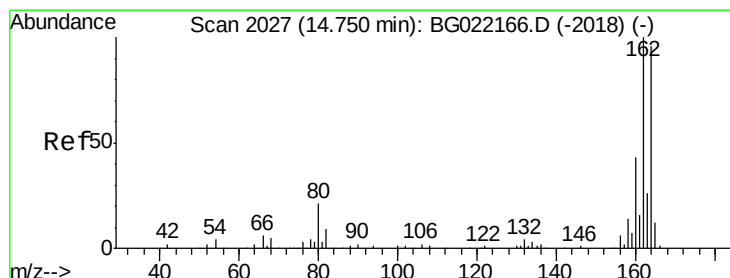
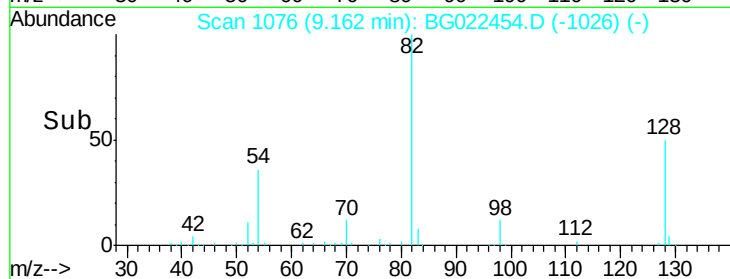
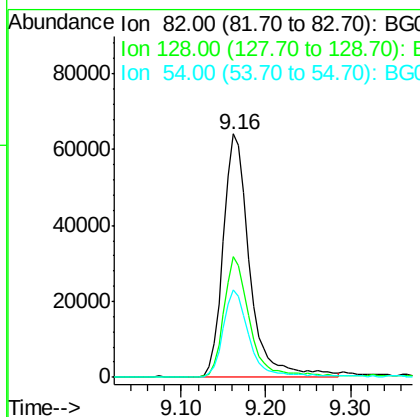
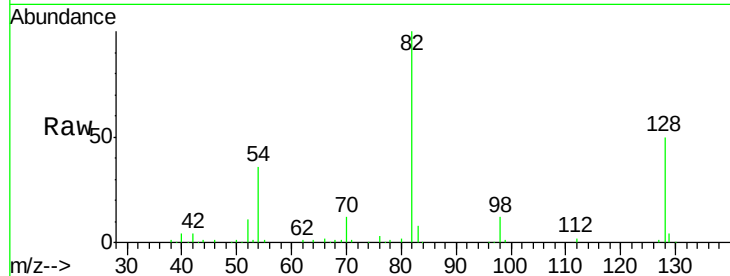




#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG022454.D
 Acq: 20 Jun 2016 23:41

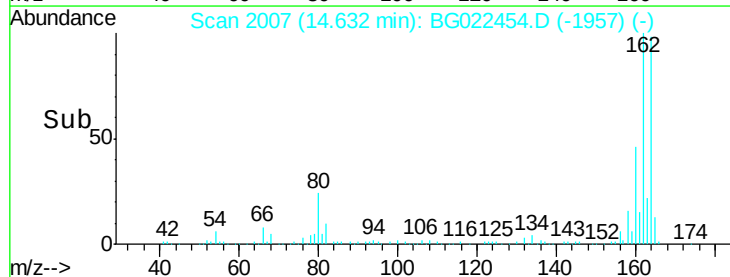
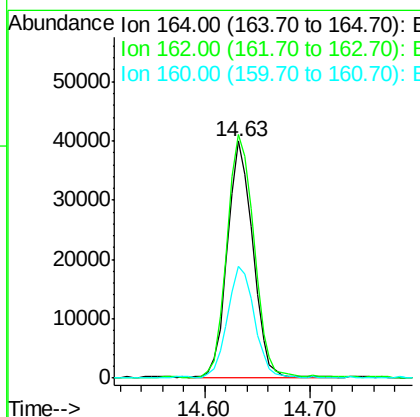
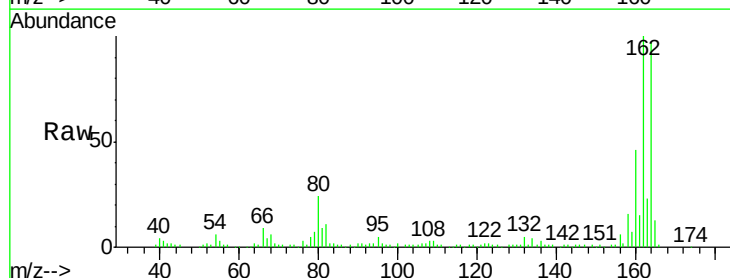
Instrument :
 BNA_G
 ClientSampleId :
 W-44

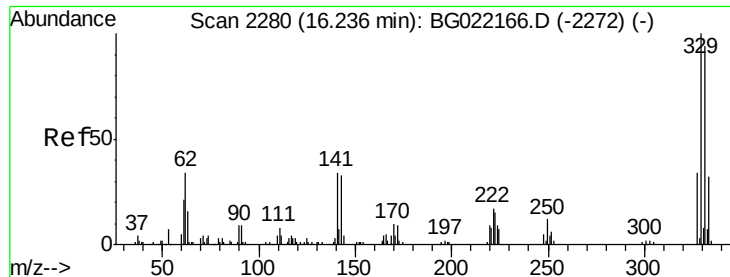
Tot Ion: 82 Resp: 139574
 Ion Ratio Lower Upper
 82 100
 128 49.7 33.4 50.0
 54 35.8 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG022454.D
 Acq: 20 Jun 2016 23:41

Tgt Ion:164 Resp: 67130
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.0 117.0
 160 47.5 32.9 49.3

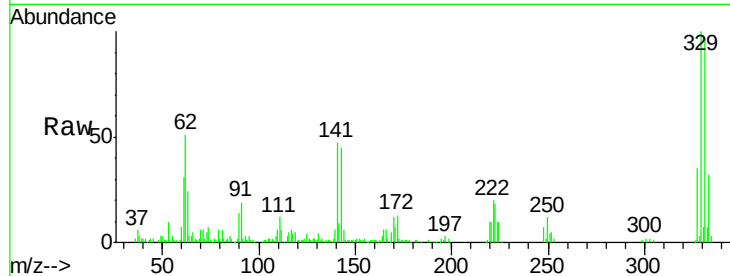




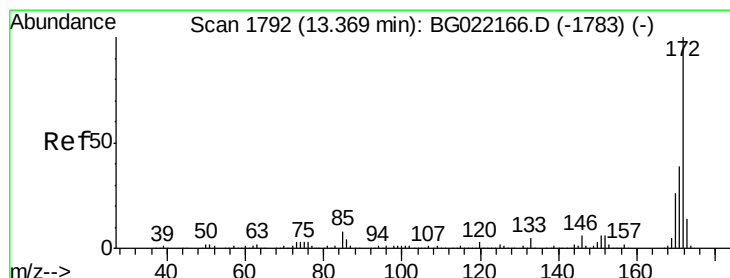
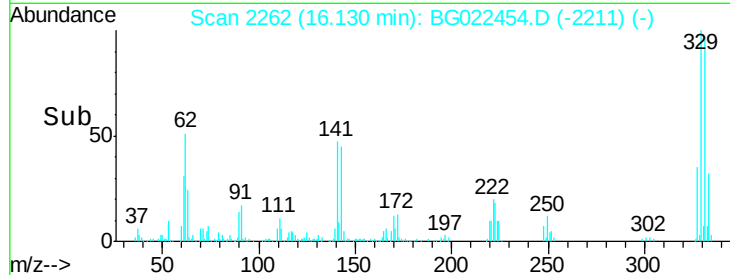
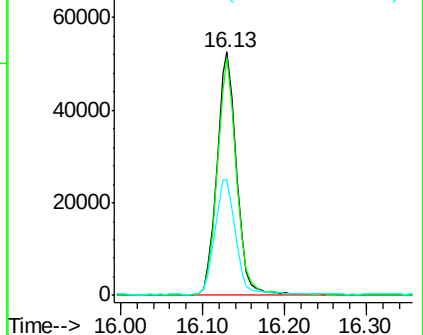
#41
 2,4,6-Tribromophenol
 Concen: 116.44 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022454.D
 Acq: 20 Jun 2016 23:41

Instrument :
 BNA_G
 ClientSampleId :
 W-44

Tot Ion:330 Resp: 88322
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 49.9 33.8 50.8

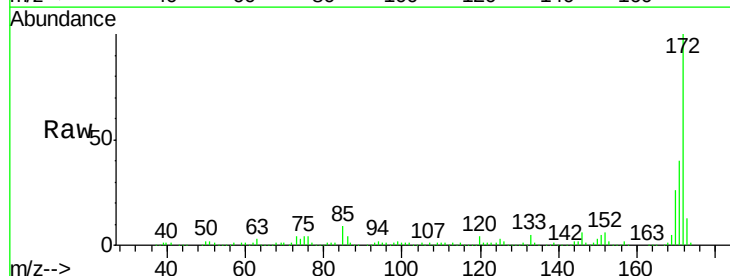


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

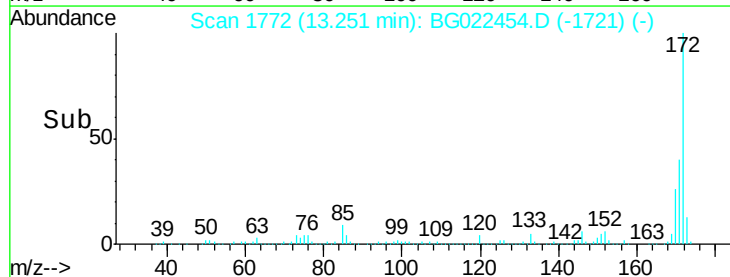
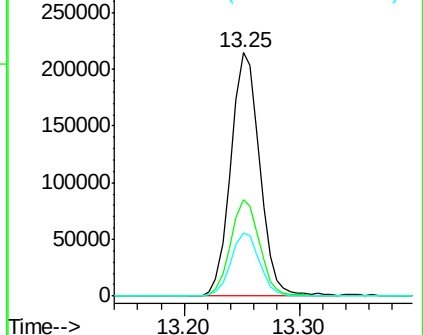


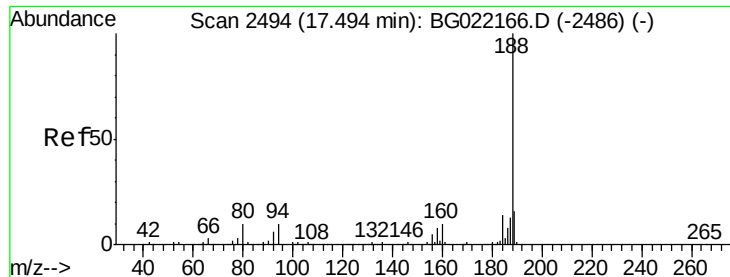
#44
 2-Fluorobiphenyl
 Concen: 85.00 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022454.D
 Acq: 20 Jun 2016 23:41

Tgt Ion:172 Resp: 374436
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 26.2 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

Instrument :

BNA_G

ClientSampleId :

W-44

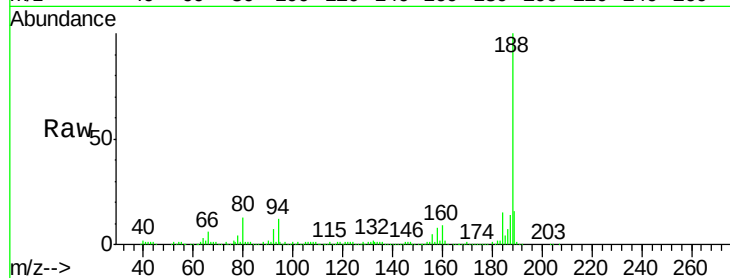
Tot Ion:188 Resp: 142605

Ion Ratio Lower Upper

188 100

94 11.7 7.5 11.3#

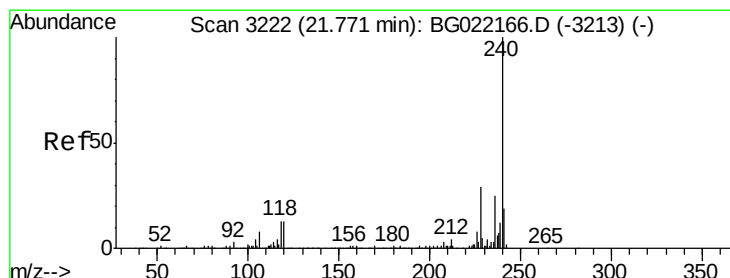
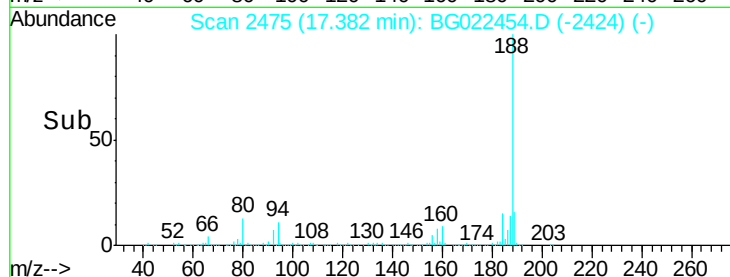
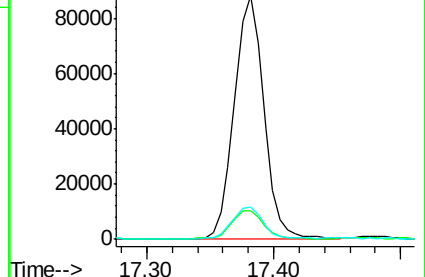
80 13.1 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.00 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

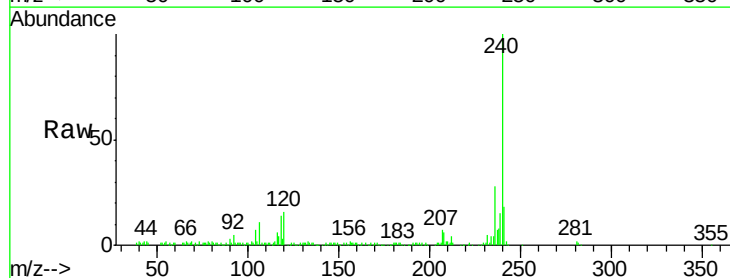
Tgt Ion:240 Resp: 114931

Ion Ratio Lower Upper

240 100

120 16.0 8.4 12.6#

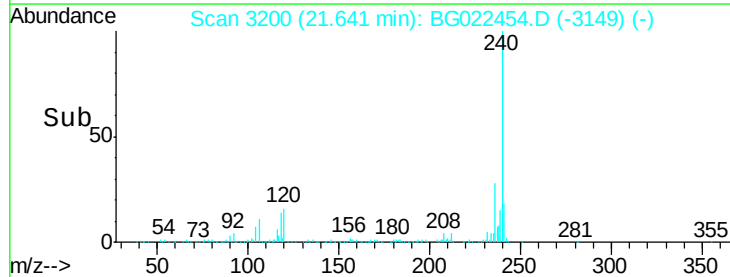
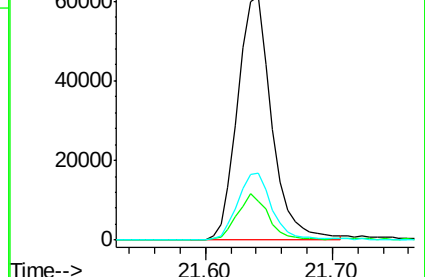
236 27.6 19.6 29.4

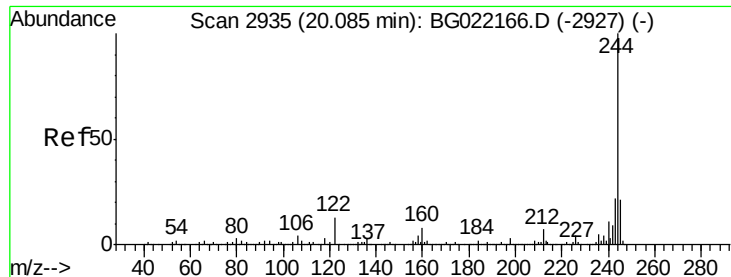


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.35 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

Instrument :

BNA_G

ClientSampleId :

W-44

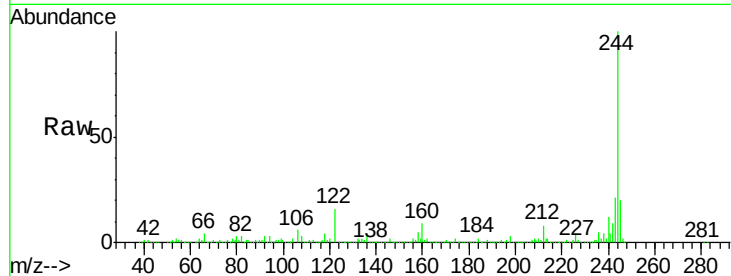
Tot Ion:244 Resp: 418034

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

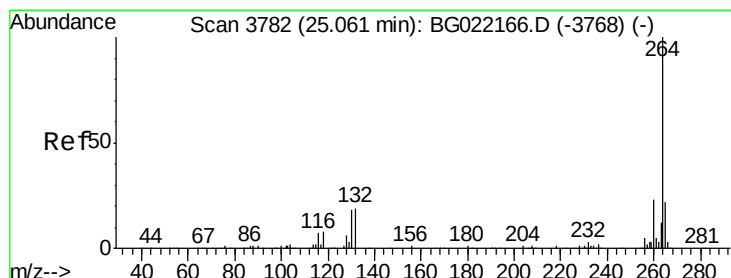
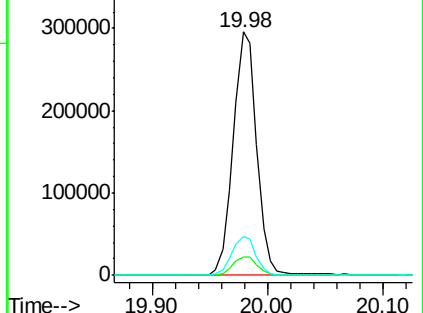
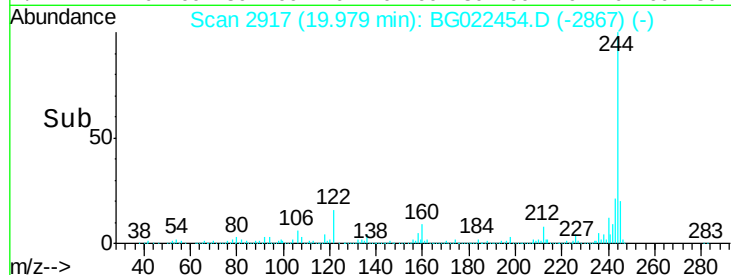
122 16.2 8.6 12.8#



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: 24.84 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BG022454.D

Acq: 20 Jun 2016 23:41

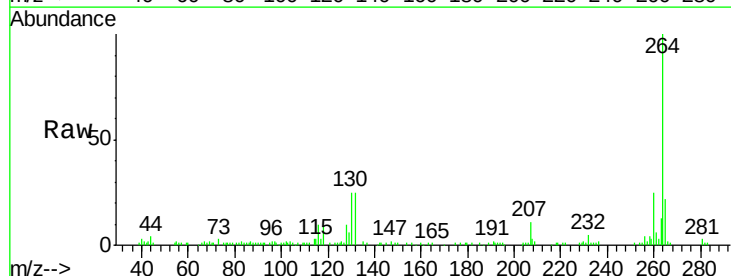
Tgt Ion:264 Resp: 102477

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.4

265 22.2 17.8 26.8



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

