

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022479.D
 Acq On : 21 Jun 2016 23:34
 Operator : UM/SJ
 Sample : H3600-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)

Quant Time: Jun 22 02:27:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 02:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	18629	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	87271	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	61130	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	139300	20.00	ng	0.00
75) Chrysene-d12	21.64	240	117755	20.00	ng	0.00
86) Perylene-d12	24.84	264	109061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	168211	174.58	ng	0.00
7) Phenol-d6	7.17	99	234999	155.13	ng	0.00
23) Nitrobenzene-d5	9.16	82	133446	106.60	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	84763	122.71	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	380477	94.85	ng	0.00
78) Terphenyl-d14	19.98	244	565832	114.08	ng	0.00

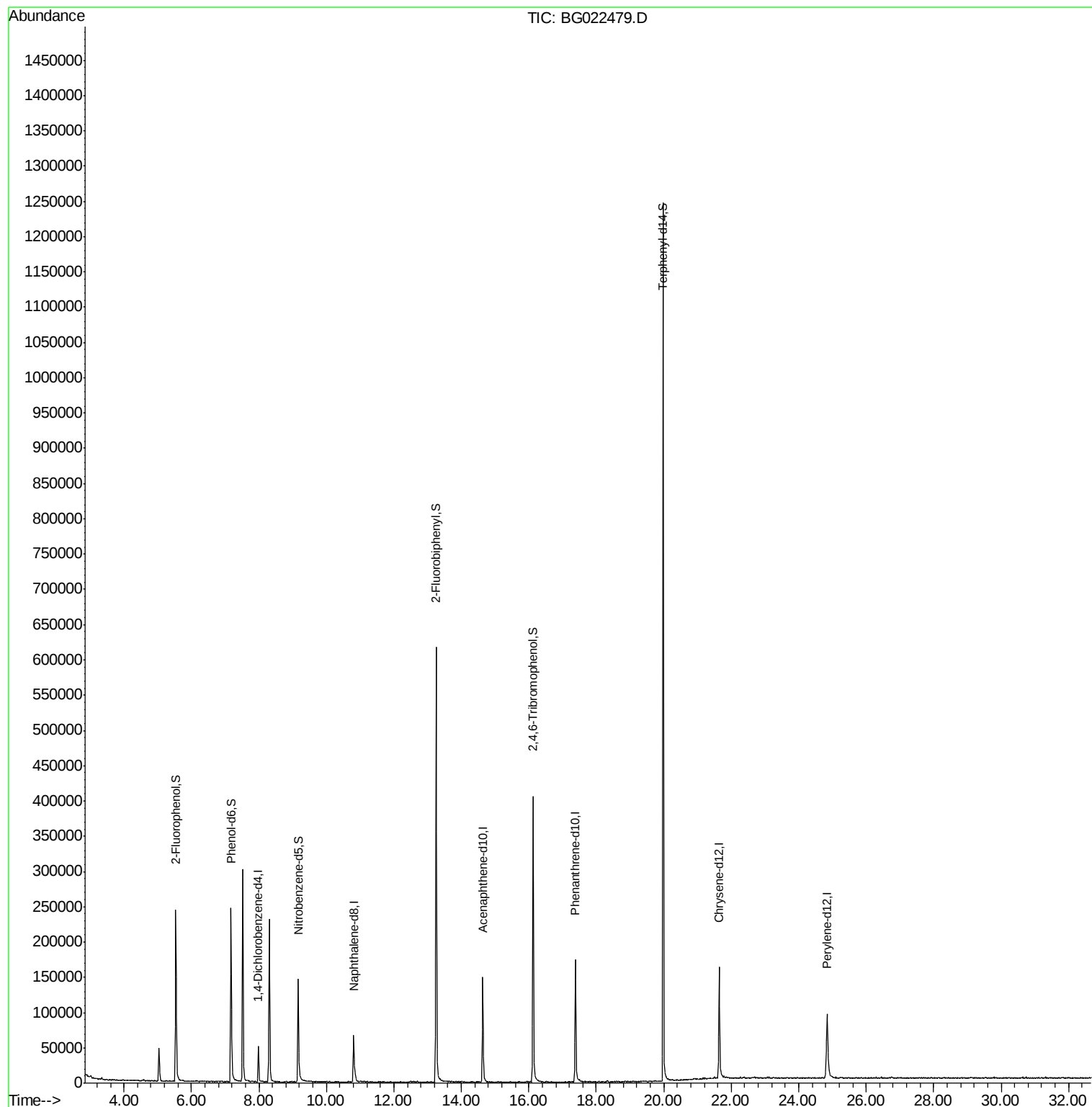
Target Compounds Qvalue

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

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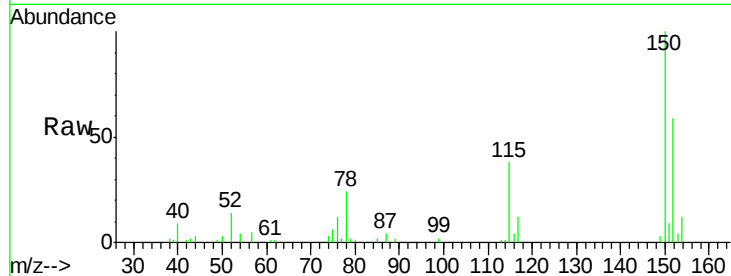


#1

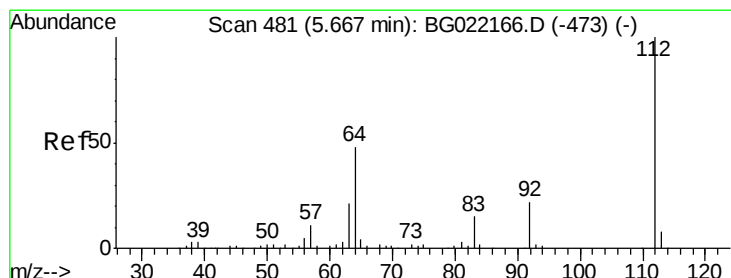
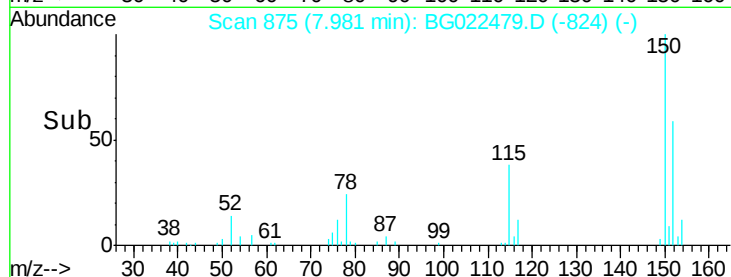
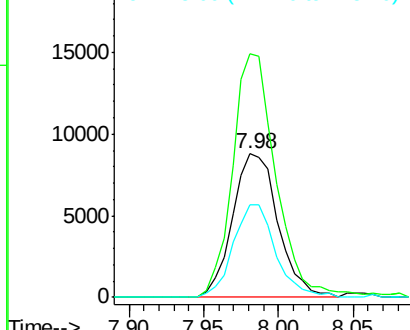
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022479.D
Acq: 21 Jun 2016 23:34

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)

Tot Ion:152 Resp: 18629
Ion Ratio Lower Upper
152 100
150 169.5 130.1 195.1
115 64.5 62.2 93.2



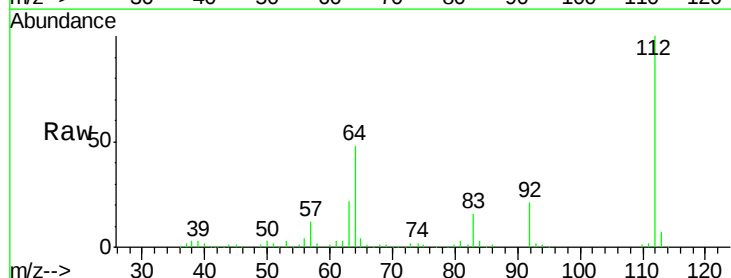
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



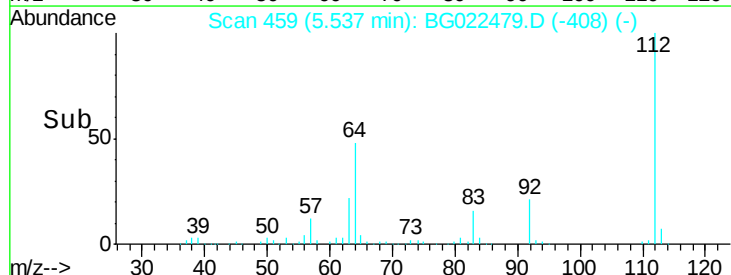
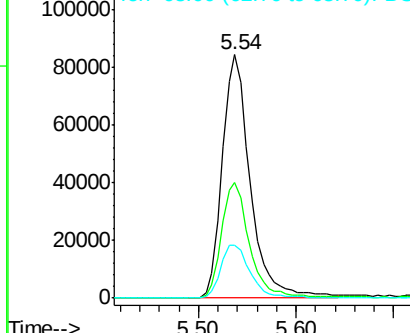
#5

2-Fluorophenol
Concen: 174.58 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG022479.D
Acq: 21 Jun 2016 23:34

Tgt Ion:112 Resp: 168211
Ion Ratio Lower Upper
112 100
64 47.7 51.1 76.7#
63 22.0 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: 155.13 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022479.D

Acq: 21 Jun 2016 23:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)

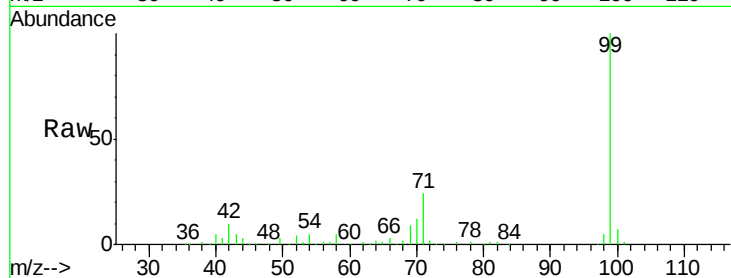
Tot Ion: 99 Resp: 234999

Ion Ratio Lower Upper

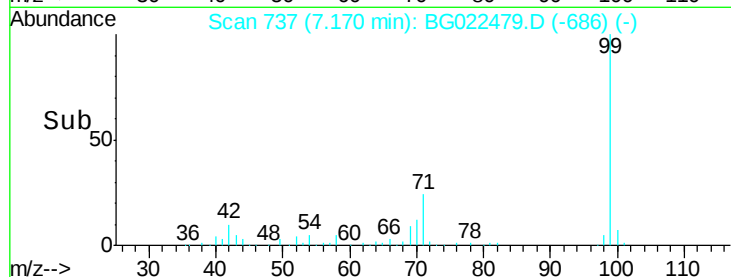
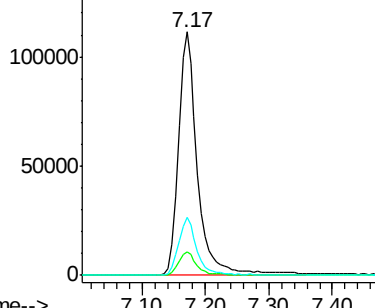
99 100

42 9.8 16.4 24.6#

71 23.6 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: BG022479.D

Acq: 21 Jun 2016 23:34

Tgt Ion: 136 Resp: 87271

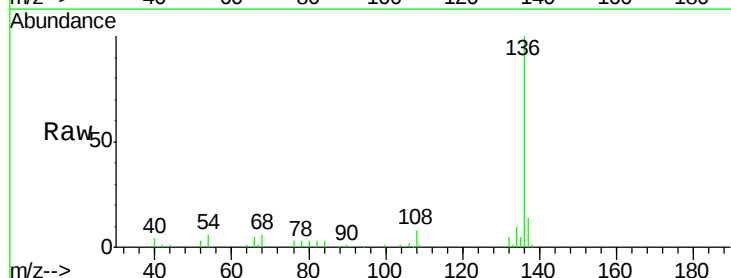
Ion Ratio Lower Upper

136 100

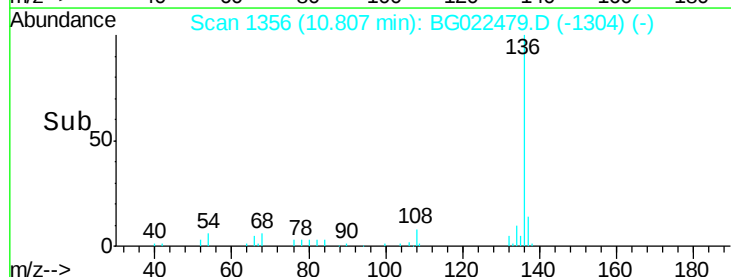
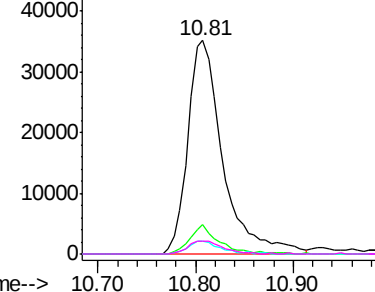
137 13.7 9.0 13.4#

54 6.0 9.6 14.4#

68 6.3 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

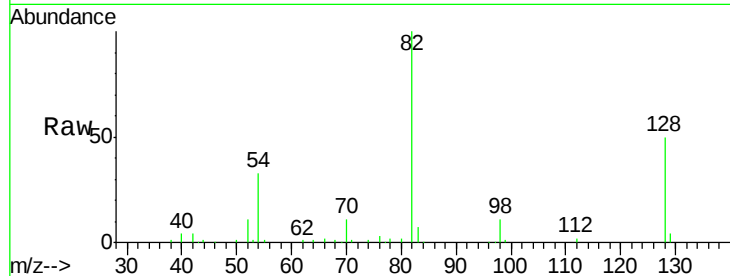




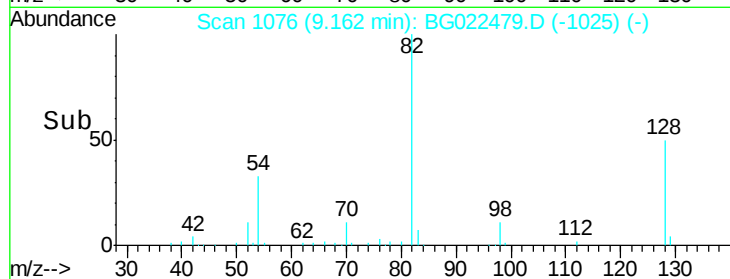
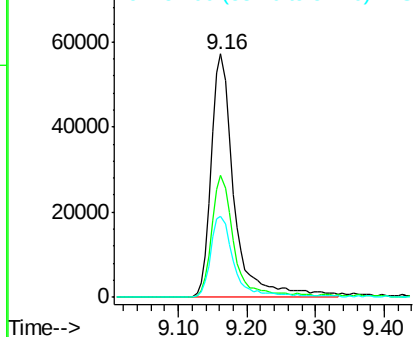
#23
 Nitrobenzene-d5
 Concen: 106.60 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022479.D
 Acq: 21 Jun 2016 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)

Tot Ion: 82 Resp: 133446
 Ion Ratio Lower Upper
 82 100
 128 50.3 33.4 50.0#
 54 33.3 46.1 69.1#

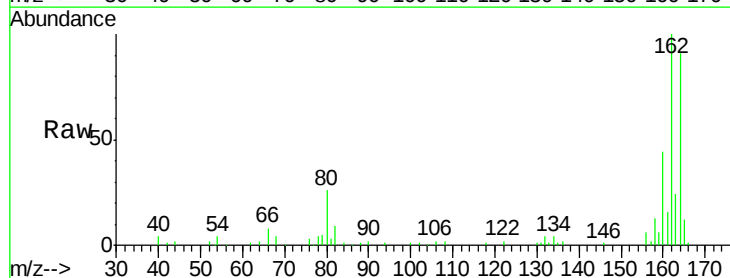


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

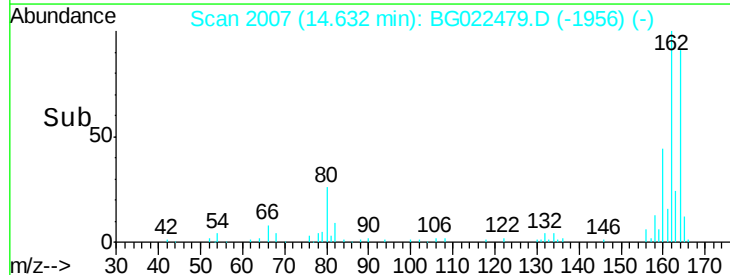
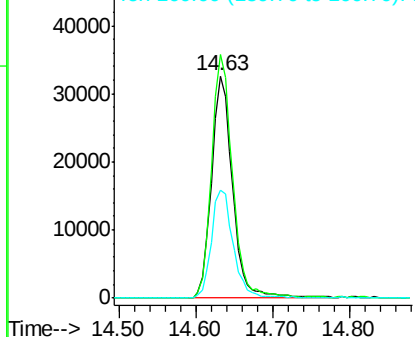


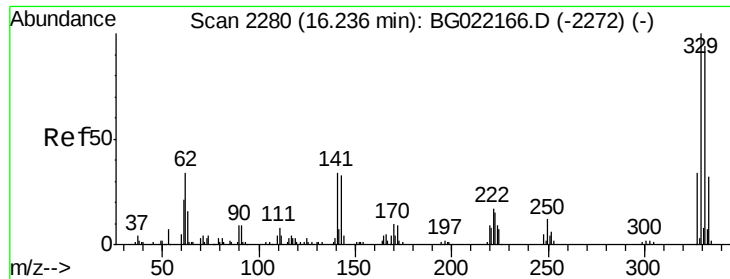
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022479.D
 Acq: 21 Jun 2016 23:34

Tgt Ion:164 Resp: 61130
 Ion Ratio Lower Upper
 164 100
 162 109.7 78.0 117.0
 160 48.4 32.9 49.3



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

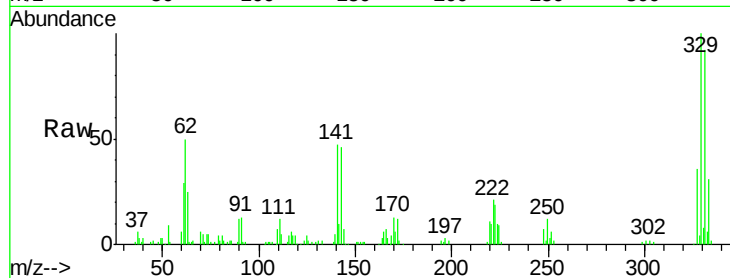




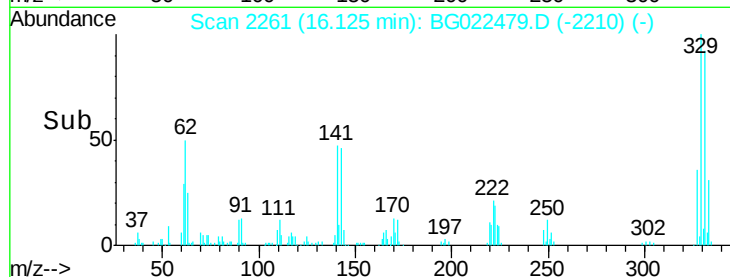
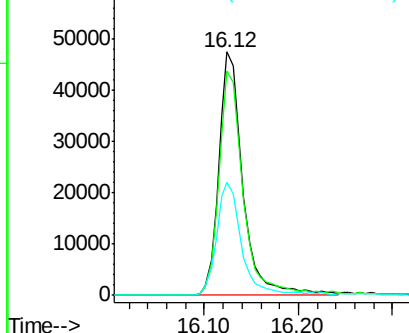
#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG022479.D
 Acq: 21 Jun 2016 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)

Tot Ion:330 Resp: 84763
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.0 117.0
 141 48.8 33.8 50.8

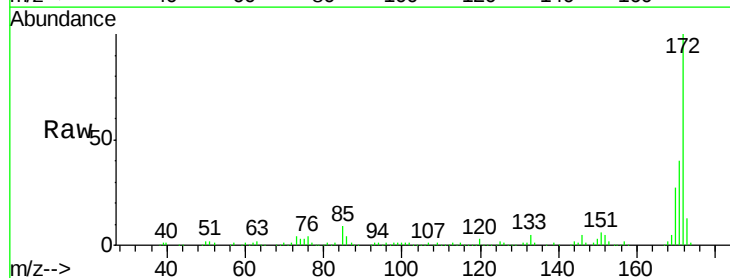


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

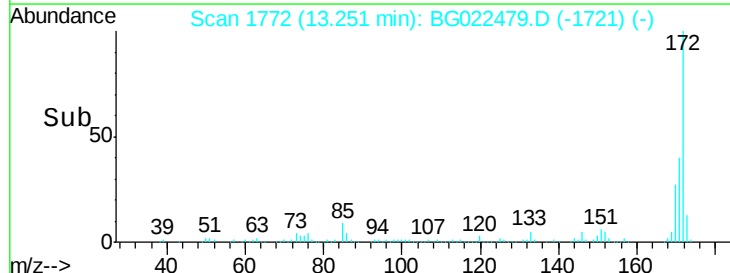
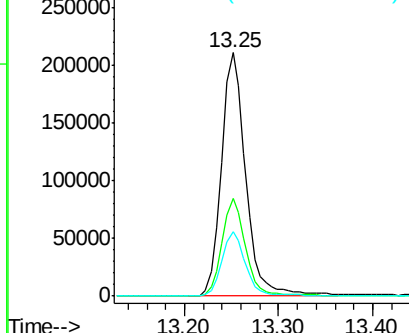


#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022479.D
 Acq: 21 Jun 2016 23:34

Tgt Ion:172 Resp: 380477
 Ion Ratio Lower Upper
 172 100
 171 40.0 27.8 41.6
 170 26.6 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

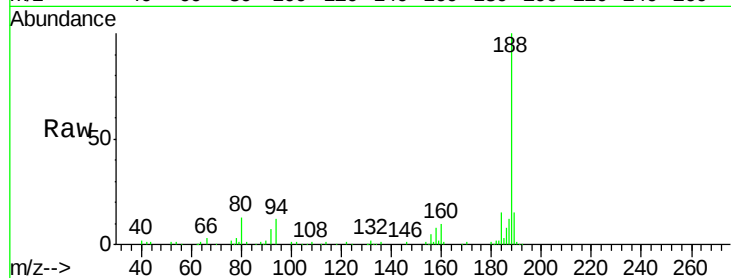




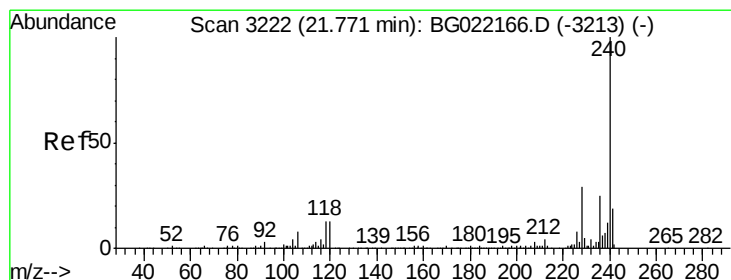
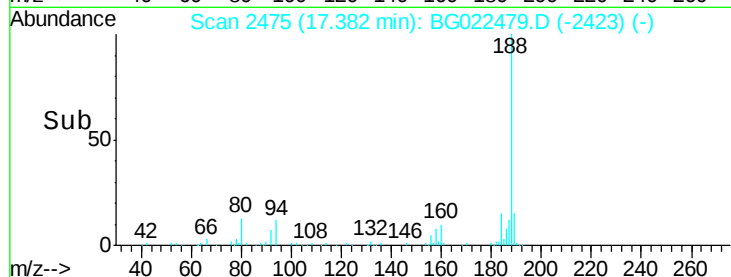
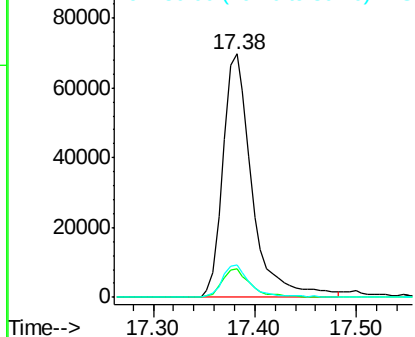
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022479.D
Acq: 21 Jun 2016 23:34

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)

Tot Ion:188 Resp: 139300
Ion Ratio Lower Upper
188 100
94 11.8 7.5 11.3#
80 13.1 8.6 13.0#

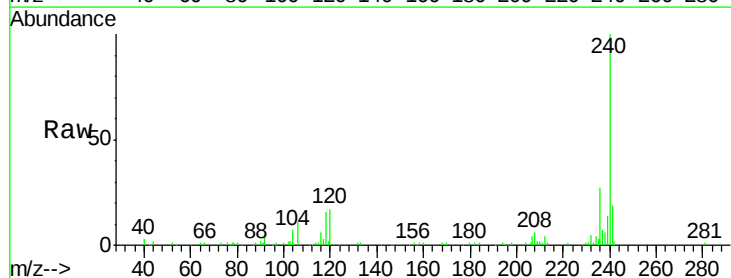


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

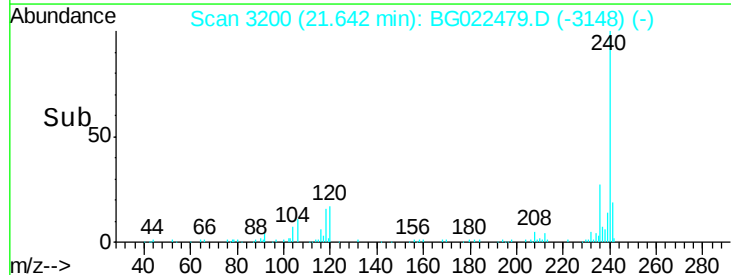
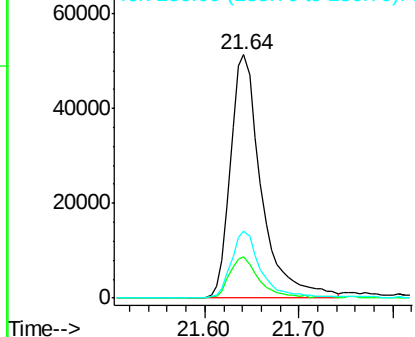


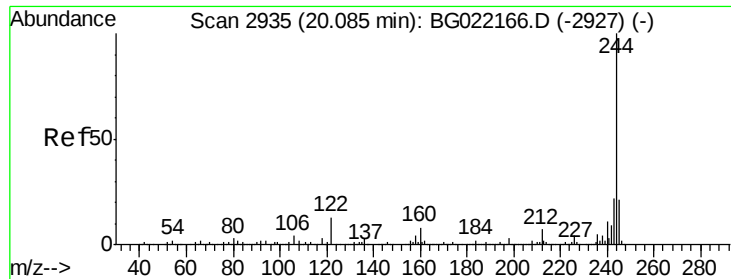
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022479.D
Acq: 21 Jun 2016 23:34

Tgt Ion:240 Resp: 117755
Ion Ratio Lower Upper
240 100
120 17.1 8.4 12.6#
236 27.3 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: 114.08 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022479.D

Acq: 21 Jun 2016 23:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)

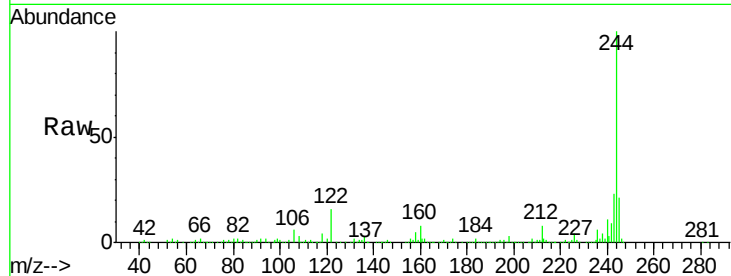
Tot Ion:244 Resp: 565832

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 15.9 8.6 12.8#

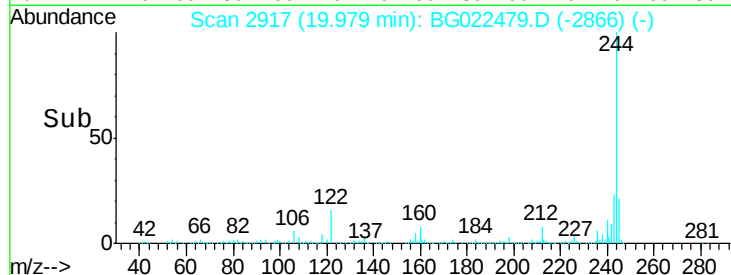


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



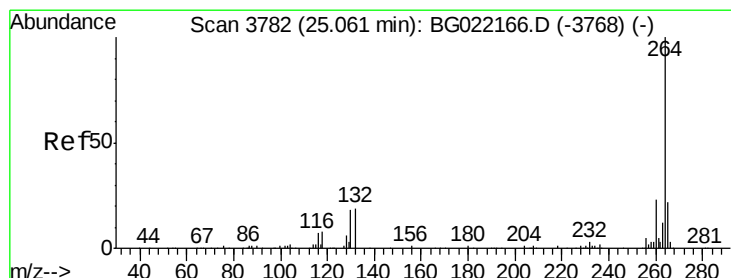
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022479.D

Acq: 21 Jun 2016 23:34

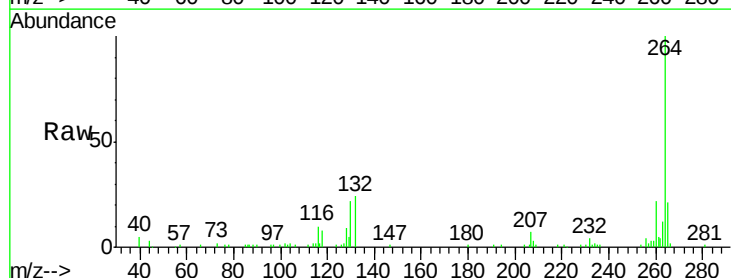
Tgt Ion:264 Resp: 109061

Ion Ratio Lower Upper

264 100

260 22.3 20.2 30.4

265 20.6 17.8 26.8

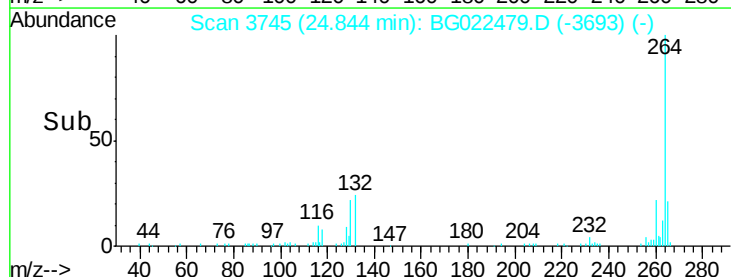


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->