

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022469.D
 Acq On : 21 Jun 2016 16:53
 Operator : UM/SJ
 Sample : H3631-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-1-COMP

Quant Time: Jun 22 02:15:04 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	7.99	152	20269	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	89665	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	58748	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	151320	20.00	ng	0.00
75) Chrysene-d12	21.64	240	129399	20.00	ng	0.00
86) Perylene-d12	24.85	264	58148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	170013	162.18	ng	0.00
7) Phenol-d6	7.18	99	222263	134.85	ng	0.00
23) Nitrobenzene-d5	9.16	82	130785	101.69	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	86343	130.07	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	363266	94.23	ng	0.00
78) Terphenyl-d14	19.99	244	605240	111.04	ng	0.00

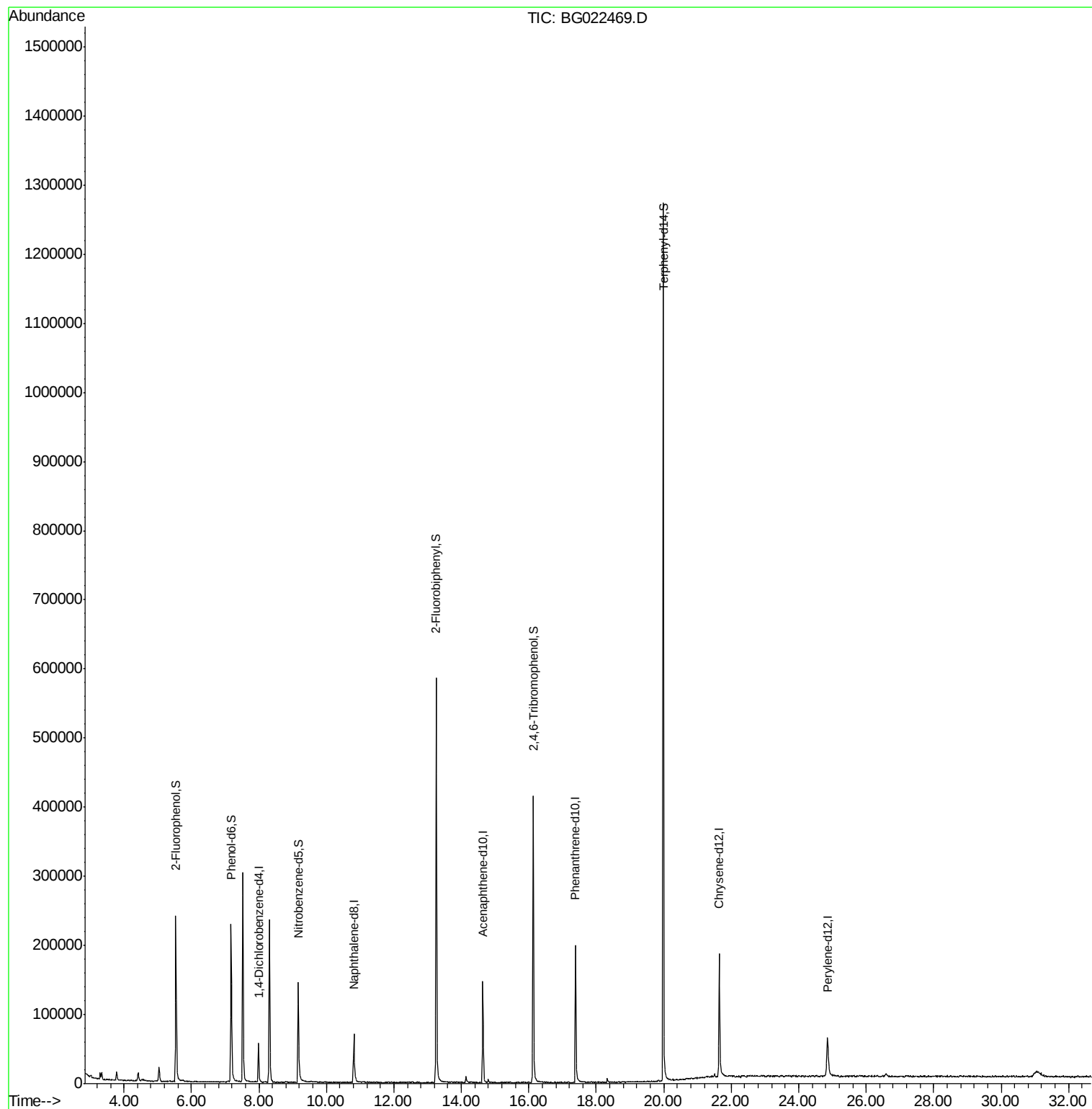
Target Compounds Qvalue

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

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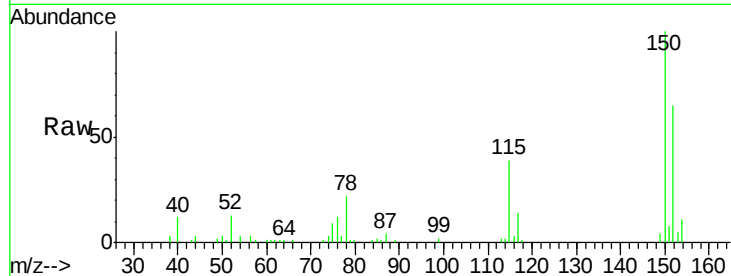




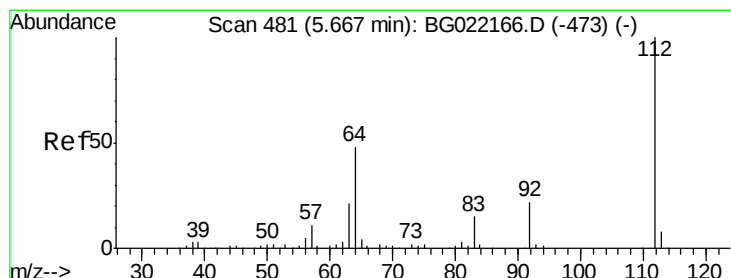
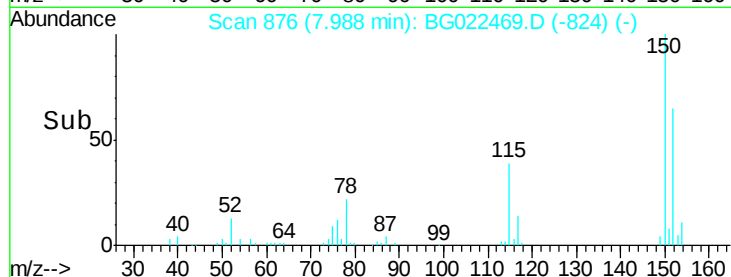
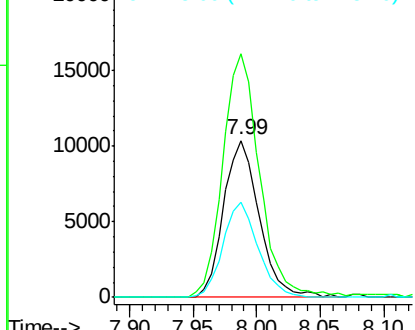
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.99 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-1-COMP

Tot Ion:152 Resp: 20269
 Ion Ratio Lower Upper
 152 100
 150 154.9 130.1 195.1
 115 60.3 62.2 93.2#

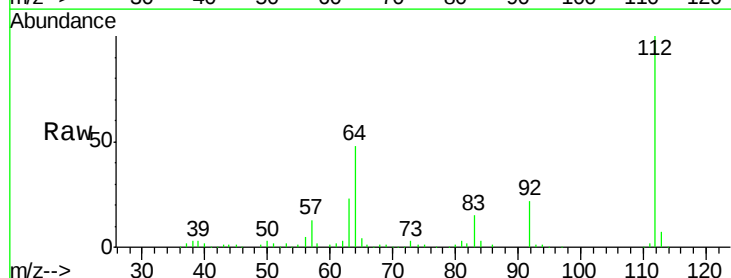


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

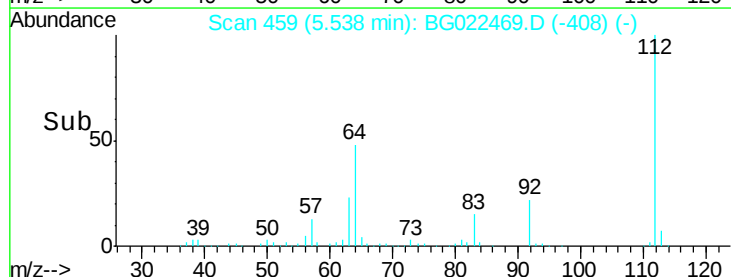
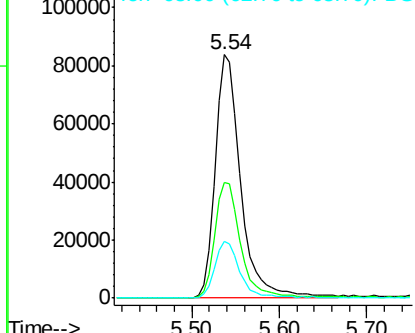


#5
 2-Fluorophenol
 Concen: 162.18 ng
 RT: 5.54 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Tgt Ion:112 Resp: 170013
 Ion Ratio Lower Upper
 112 100
 64 47.6 51.1 76.7#
 63 23.4 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: 134.85 ng

RT: 7.18 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG022469.D

Acq: 21 Jun 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PL-DA-1-COMP

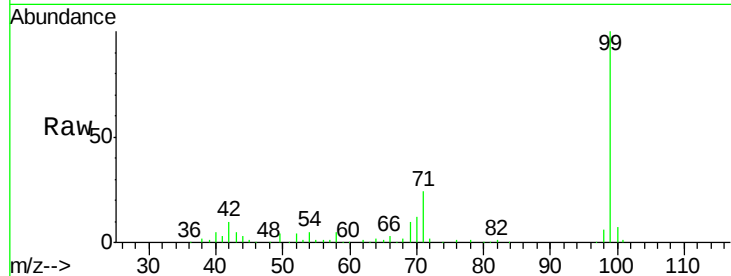
Tot Ion: 99 Resp: 222263

Ion Ratio Lower Upper

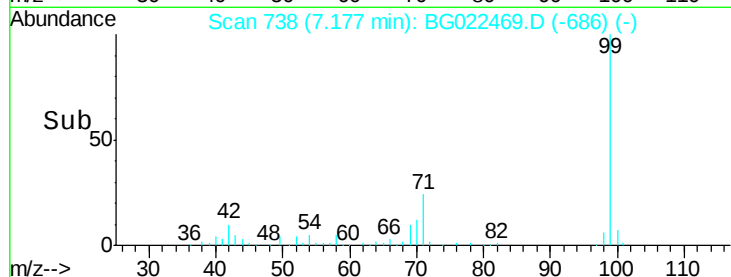
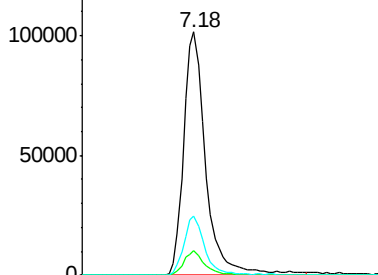
99 100

42 10.1 16.4 24.6#

71 24.2 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# 1357

Delta R.T. 0.01 min

Lab File: BG022469.D

Acq: 21 Jun 2016 16:53

Tgt Ion: 136 Resp: 89665

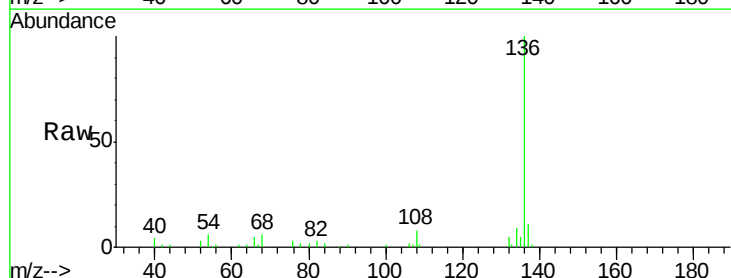
Ion Ratio Lower Upper

136 100

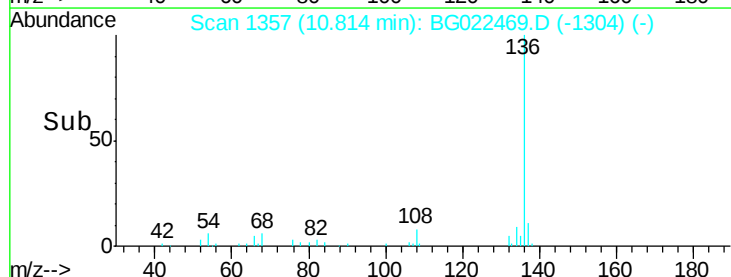
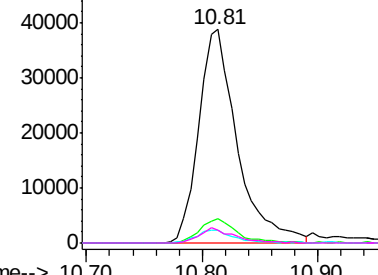
137 11.2 9.0 13.4

54 6.0 9.6 14.4#

68 6.2 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

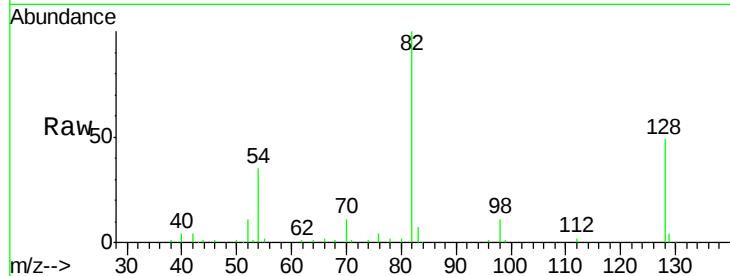




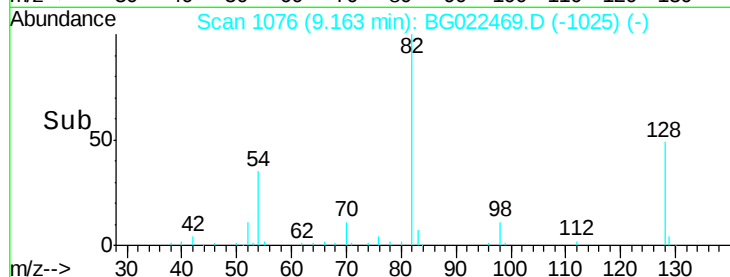
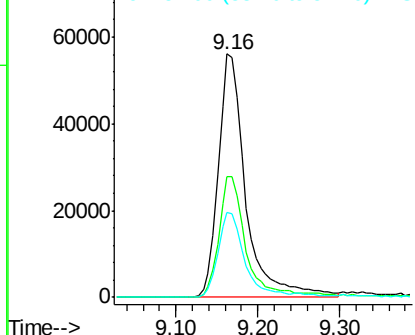
#23
 Nitrobenzene-d5
 Concen: 101.69 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-1-COMP

Tot Ion	82	Resp	130785
Ion Ratio	Lower	Upper	
82	100		
128	49.5	33.4	50.0
54	35.0	46.1	69.1#

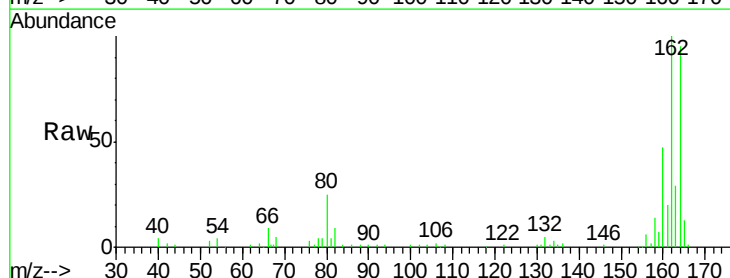


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

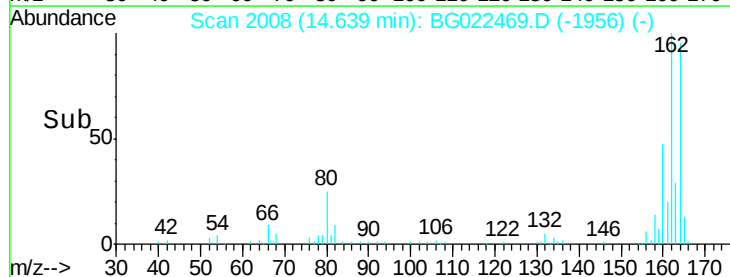
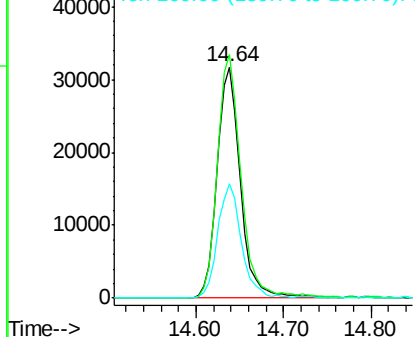


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Tgt Ion	164	Resp	58748
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.0	117.0
160	49.7	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

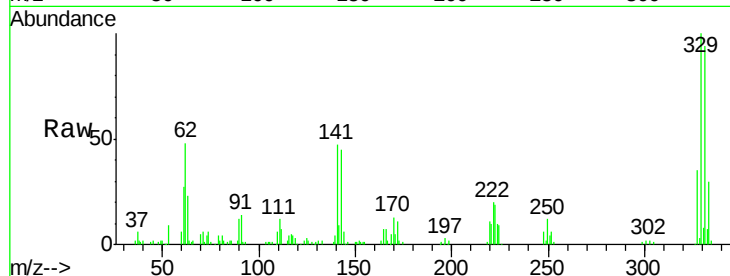




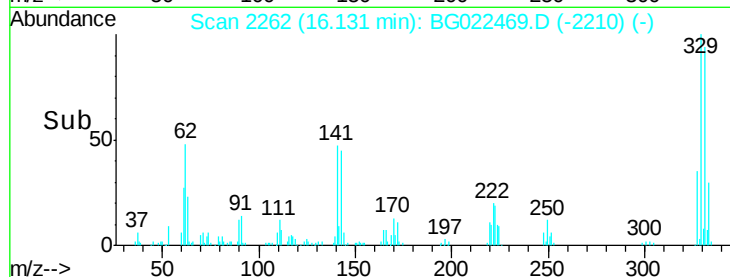
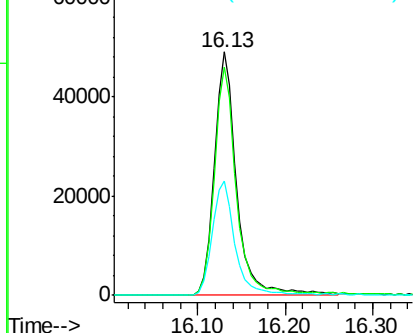
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-1-COMP

Tot Ion:330 Resp: 86343
 Ion Ratio Lower Upper
 330 100
 332 93.2 78.0 117.0
 141 48.0 33.8 50.8

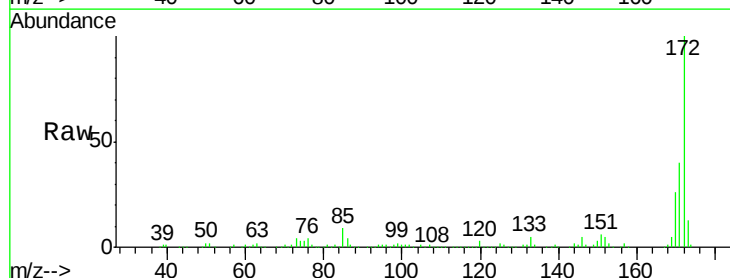


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

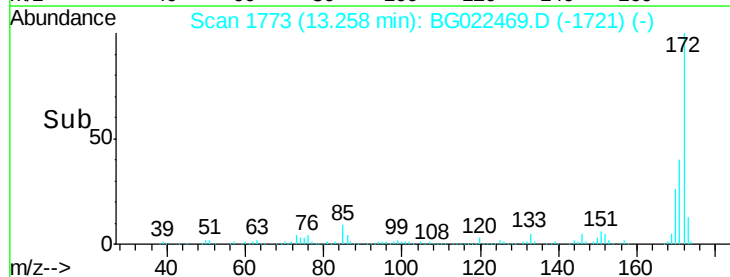
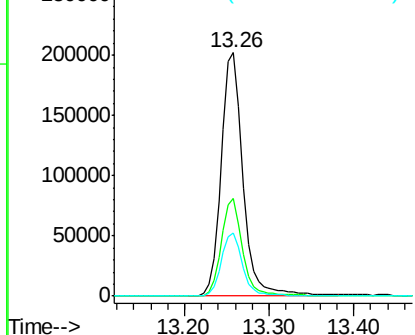


#44
 2-Fluorobiphenyl
 Concen: 94.23 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022469.D
 Acq: 21 Jun 2016 16:53

Tgt Ion:172 Resp: 363266
 Ion Ratio Lower Upper
 172 100
 171 40.0 27.8 41.6
 170 26.1 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

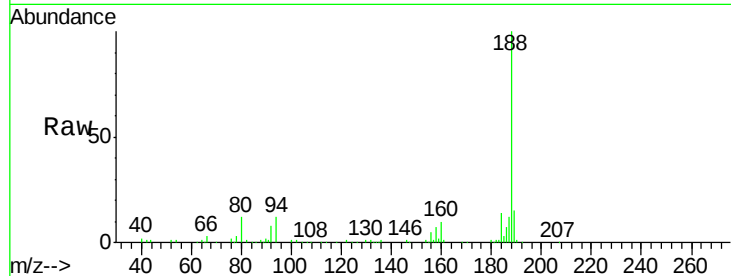




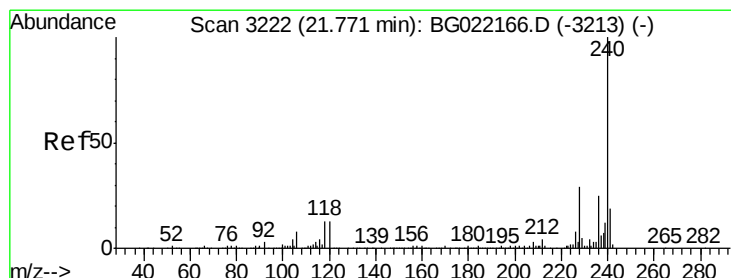
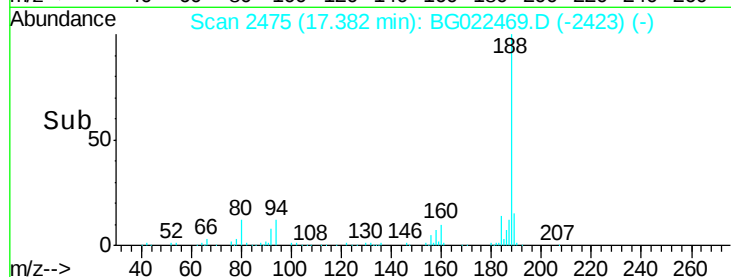
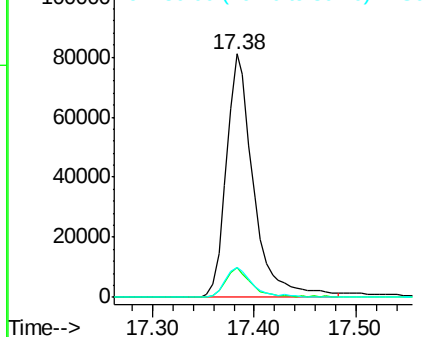
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022469.D
Acq: 21 Jun 2016 16:53

Instrument :
BNA_G
ClientSampled :
PL-DA-1-COMP

Tot Ion:188 Resp: 151320
Ion Ratio Lower Upper
188 100
94 12.0 7.5 11.3#
80 12.2 8.6 13.0

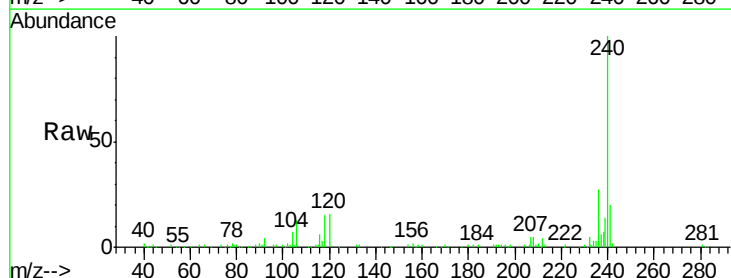


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

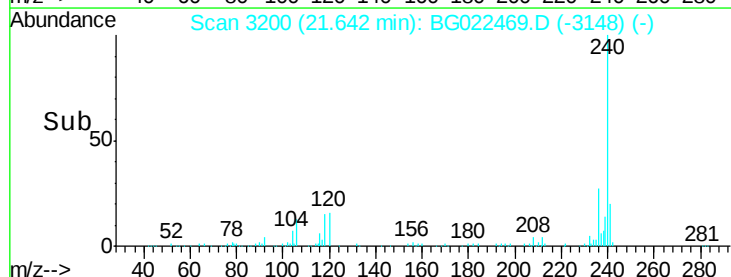
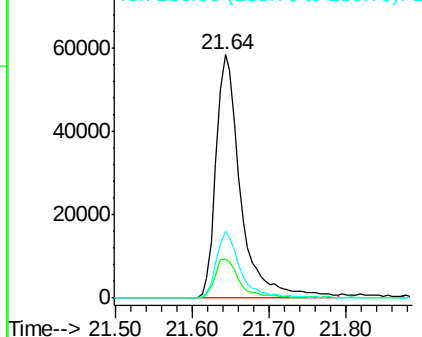


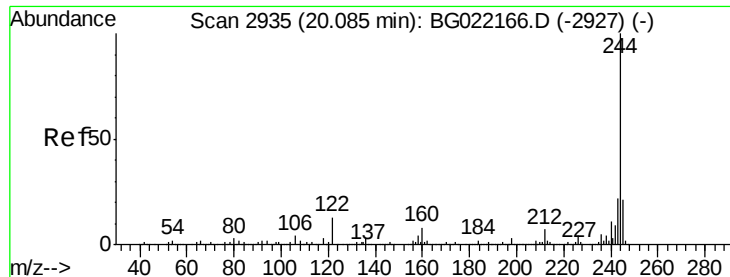
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022469.D
Acq: 21 Jun 2016 16:53

Tgt Ion:240 Resp: 129399
Ion Ratio Lower Upper
240 100
120 16.2 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: 111.04 ng

RT: 19.99 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG022469.D

Acq: 21 Jun 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PL-DA-1-COMP

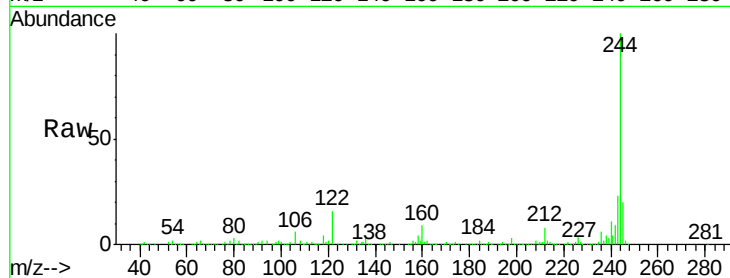
Tot Ion:244 Resp: 605240

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

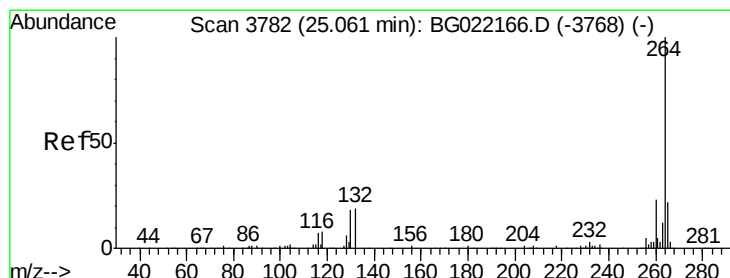
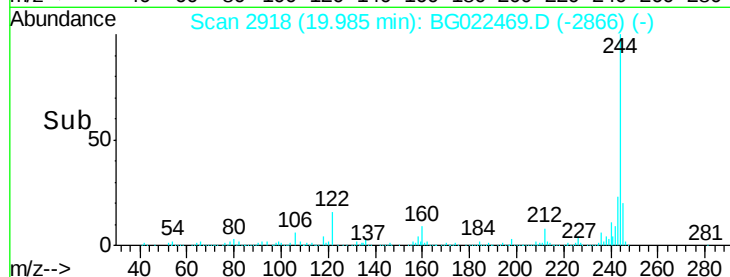
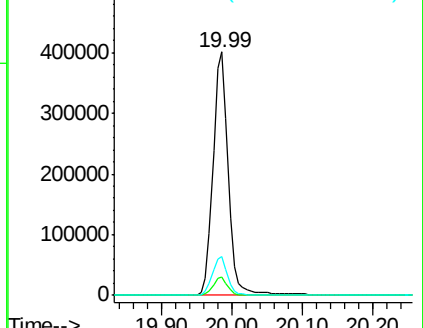
122 15.9 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3746

Delta R.T. 0.01 min

Lab File: BG022469.D

Acq: 21 Jun 2016 16:53

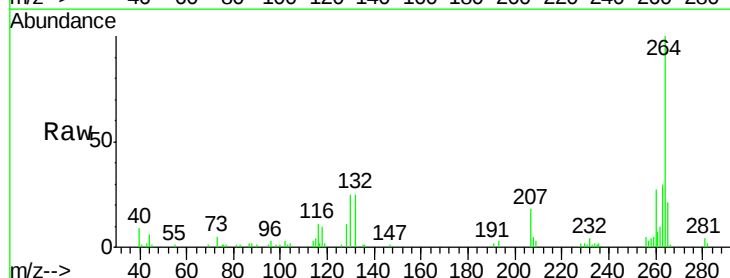
Tgt Ion:264 Resp: 58148

Ion Ratio Lower Upper

264 100

260 27.3 20.2 30.4

265 21.1 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

