

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022475.D
 Acq On : 21 Jun 2016 20:54
 Operator : UM/SJ
 Sample : H3631-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-8-COMP

Quant Time: Jun 22 01:48:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	19188	20.00	ng	-0.11
21) Naphthalene-d8	10.81	136	92458	20.00	ng	-0.09
38) Acenaphthene-d10	14.64	164	64672	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	149326	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	120780	20.00	ng	-0.10
86) Perylene-d12	24.84	264	108281	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	167738	169.02	ng	-0.10
7) Phenol-d6	7.17	99	225085	144.25	ng	-0.08
23) Nitrobenzene-d5	9.16	82	140209	105.72	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	88650	121.31	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	393938	92.83	ng	-0.09
78) Terphenyl-d14	19.98	244	579262	113.86	ng	-0.08

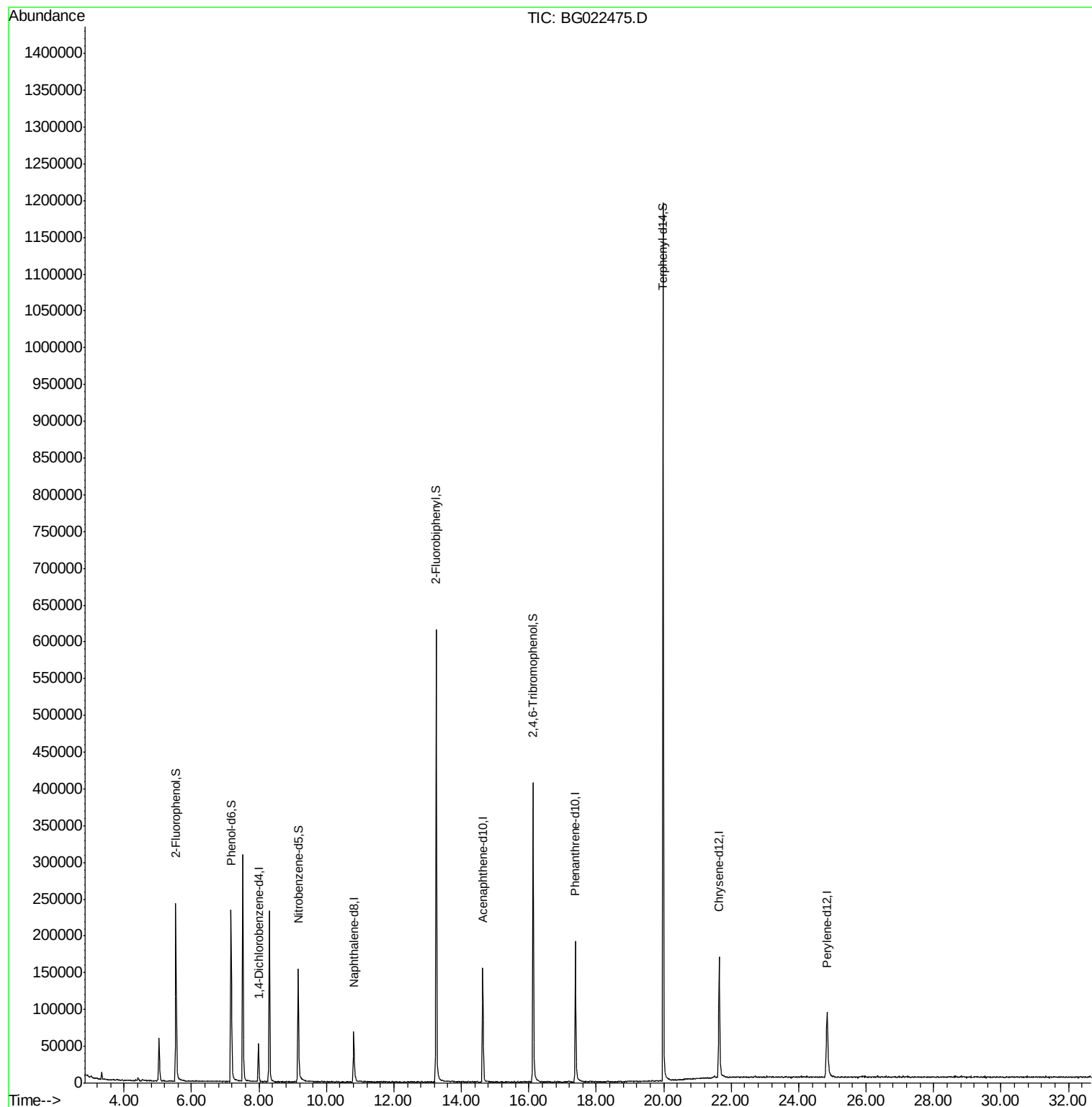
Target Compounds	Qvalue
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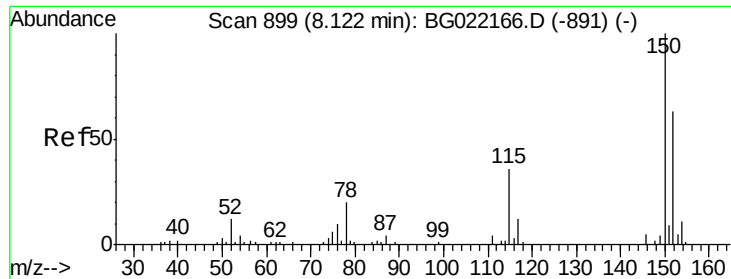
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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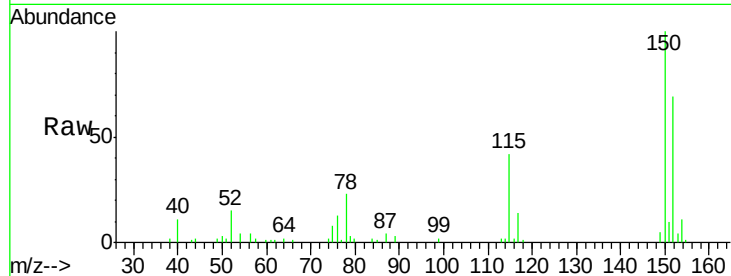


#1

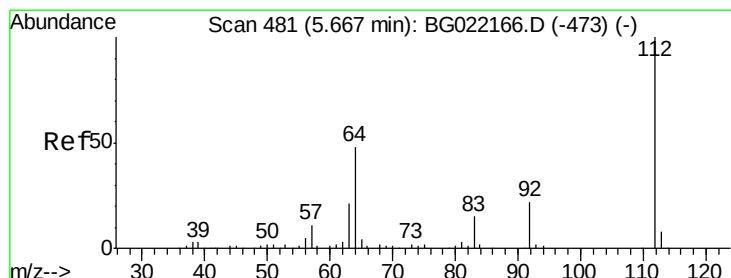
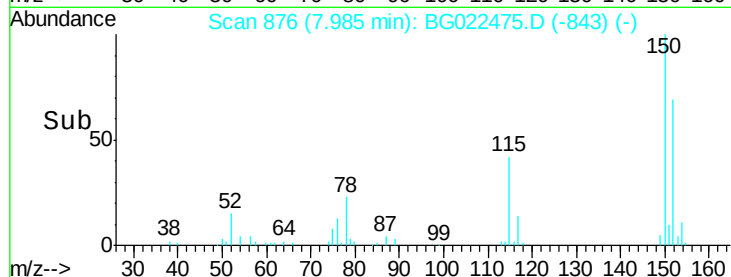
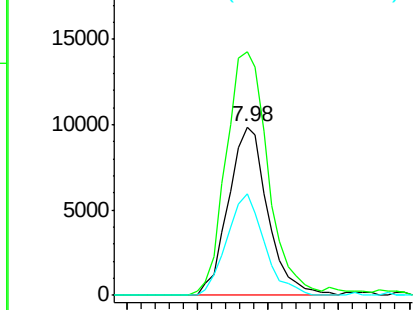
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 876
Delta R.T. -0.11 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Instrument :
BNA_G
ClientSampleId :
PL-DA-8-COMP

Tgt Ion:152 Resp: 19188
Ion Ratio Lower Upper
152 100
150 144.6 130.1 195.1
115 60.3 62.2 93.2#



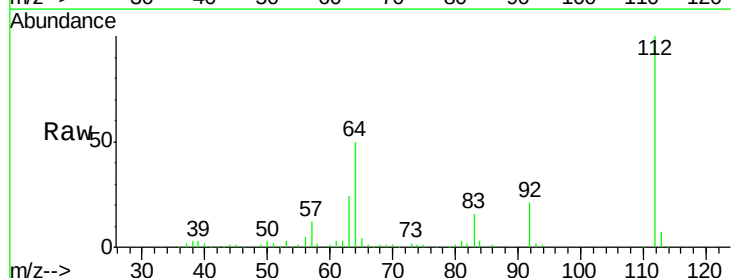
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



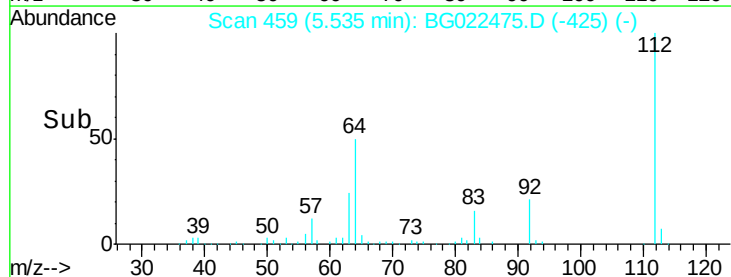
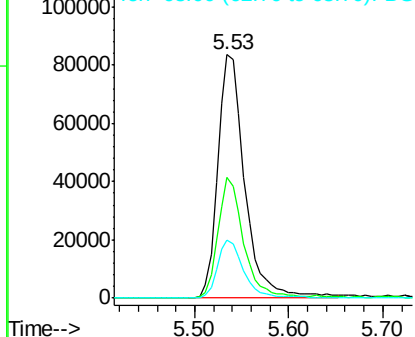
#5

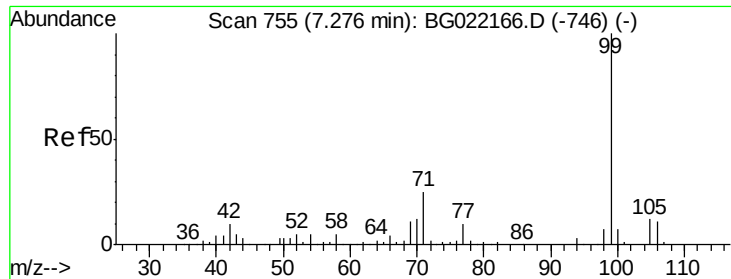
2-Fluorophenol
Concen: 169.02 ng
RT: 5.53 min Scan# 459
Delta R.T. -0.10 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Tgt Ion:112 Resp: 167738
Ion Ratio Lower Upper
112 100
64 49.8 51.1 76.7#
63 23.7 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: 144.25 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.08 min

Lab File: BG022475.D

Acq: 21 Jun 2016 20:54

Instrument :

BNA_G

ClientSampleId :

PL-DA-8-COMP

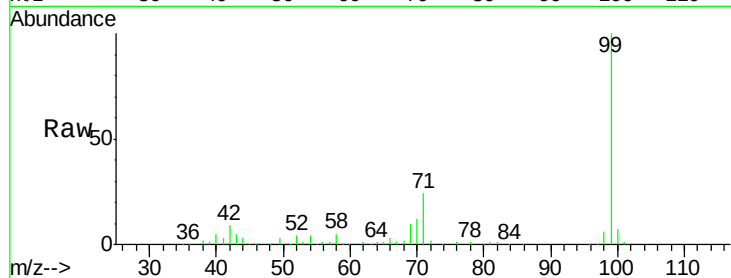
Tgt Ion: 99 Resp: 225085

Ion Ratio Lower Upper

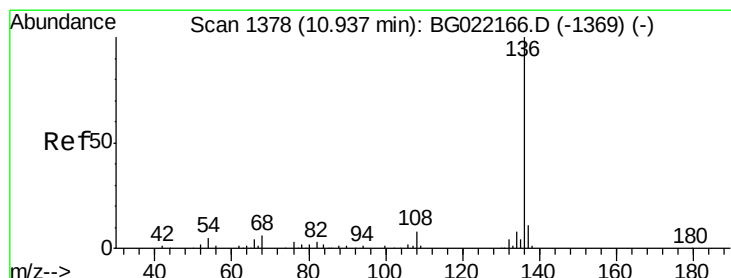
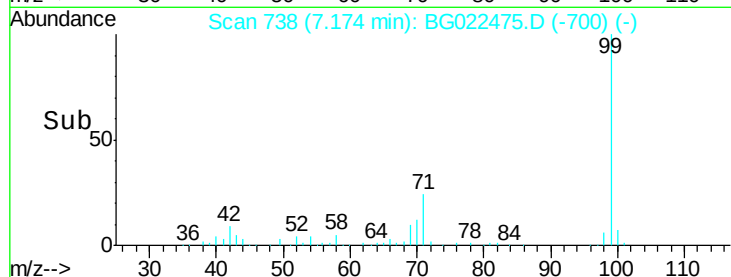
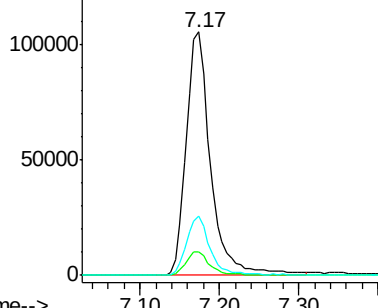
99 100

42 9.5 16.4 24.6#

71 24.3 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. -0.09 min

Lab File: BG022475.D

Acq: 21 Jun 2016 20:54

Tgt Ion: 136 Resp: 92458

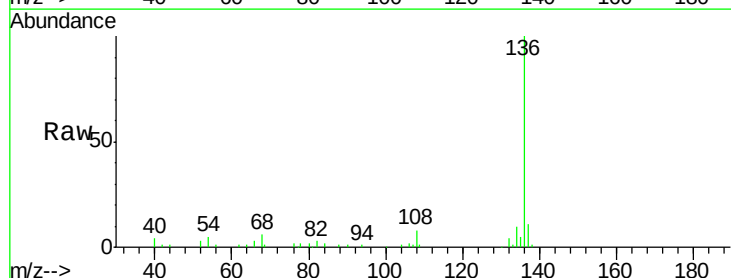
Ion Ratio Lower Upper

136 100

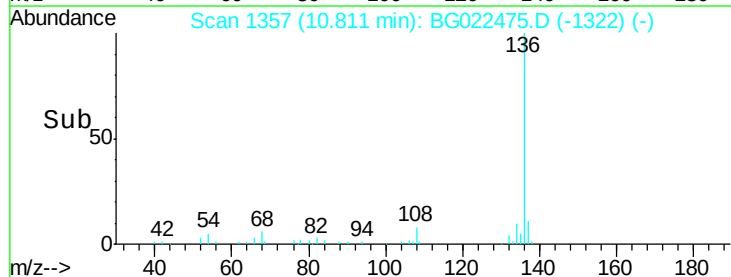
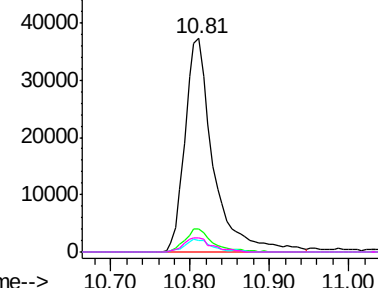
137 11.0 9.0 13.4

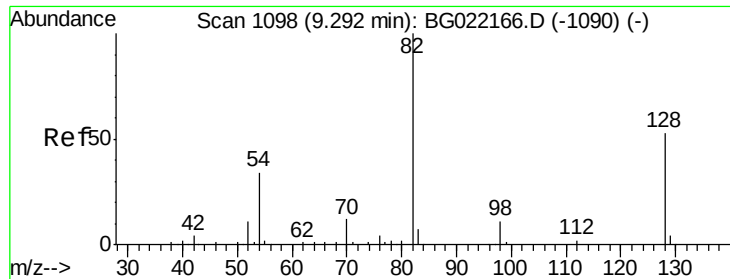
54 5.5 9.6 14.4#

68 6.8 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

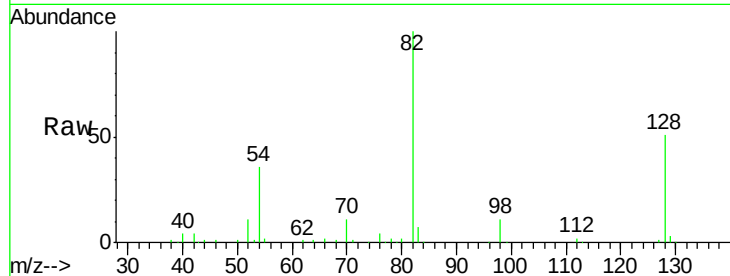




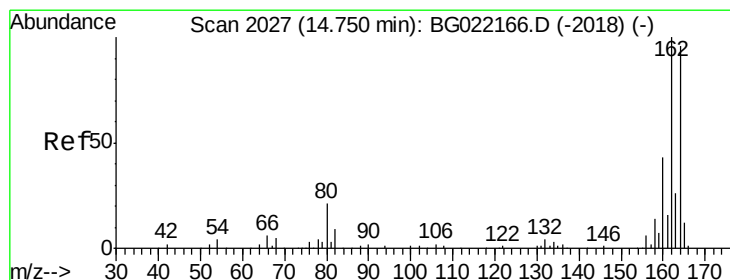
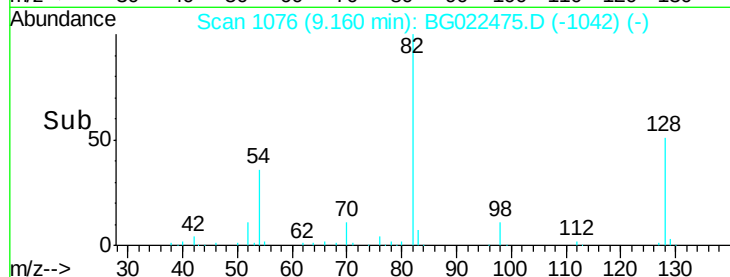
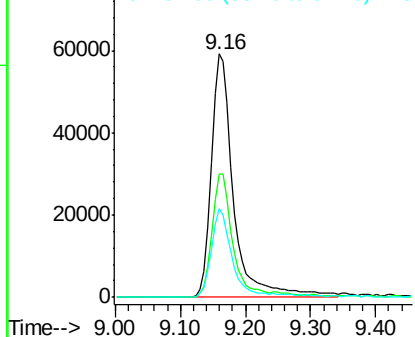
#23
Nitrobenzene-d5
Concen: 105.72 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.10 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Instrument :
BNA_G
ClientSampleId :
PL-DA-8-COMP

Tgt Ion: 82 Resp: 140209
Ion Ratio Lower Upper
82 100
128 50.9 33.4 50.0#
54 36.2 46.1 69.1#

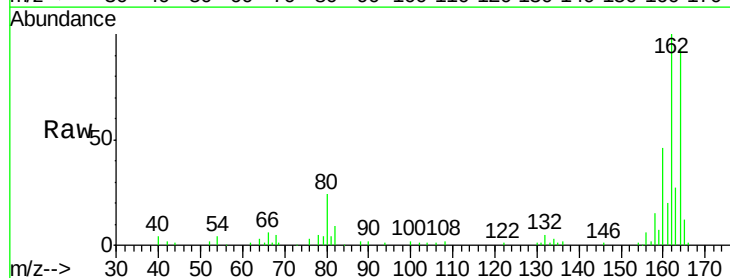


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

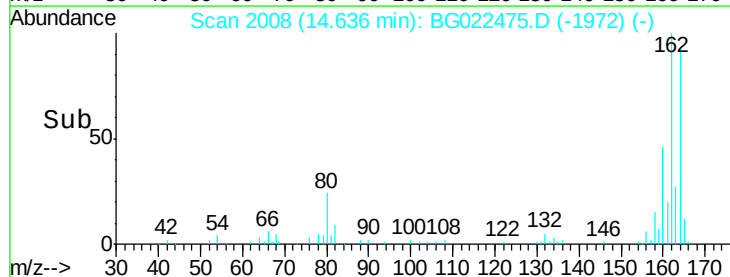
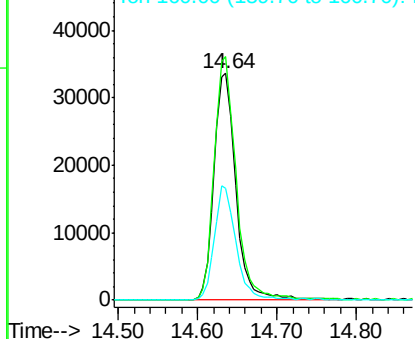


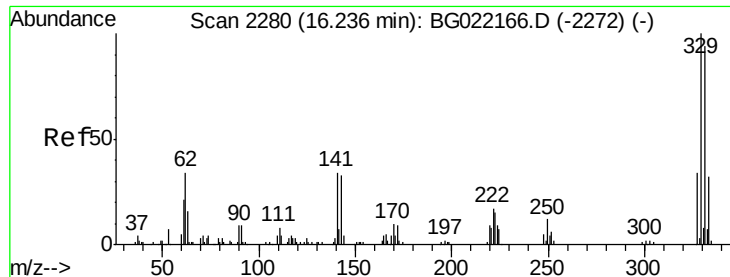
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2008
Delta R.T. -0.09 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Tgt Ion: 164 Resp: 64672
Ion Ratio Lower Upper
164 100
162 107.3 78.0 117.0
160 49.1 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

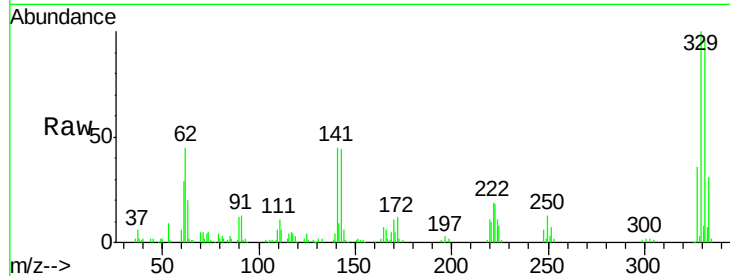




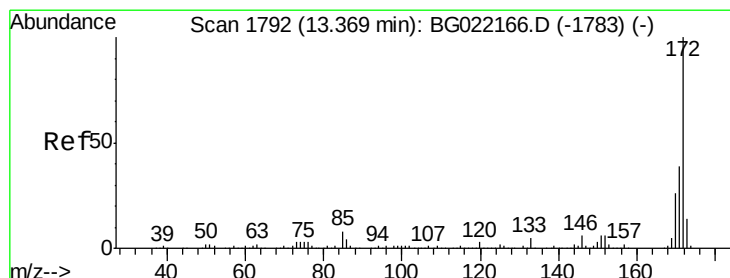
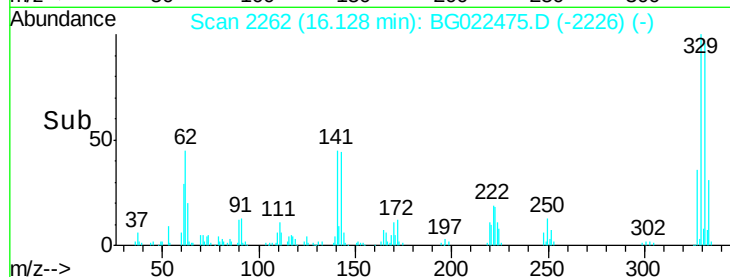
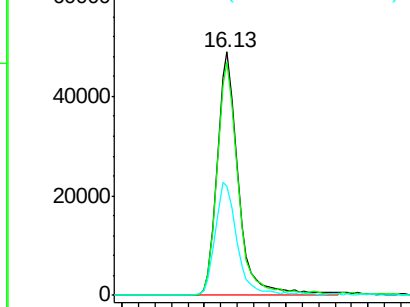
#41
 2,4,6-Tribromophenol
 Concen: 121.31 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.09 min
 Lab File: BG022475.D
 Acq: 21 Jun 2016 20:54

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-8-COMP

Tgt Ion:330 Resp: 88650
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 48.4 33.8 50.8

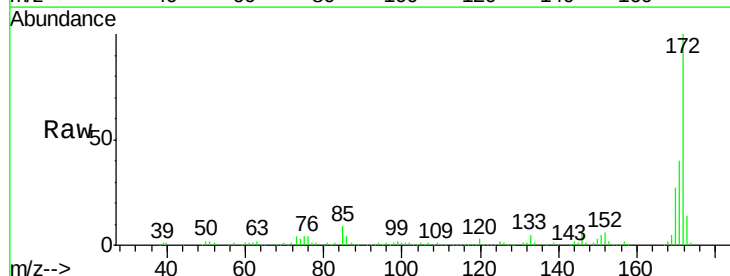


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

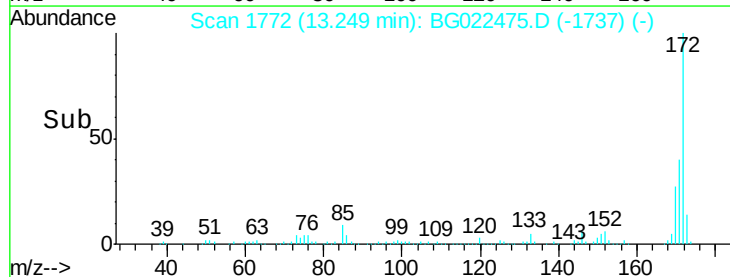
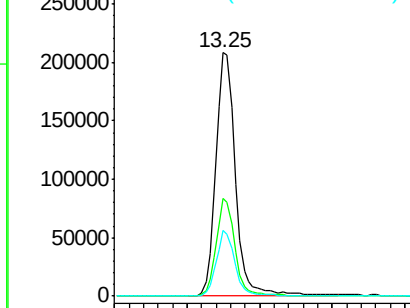


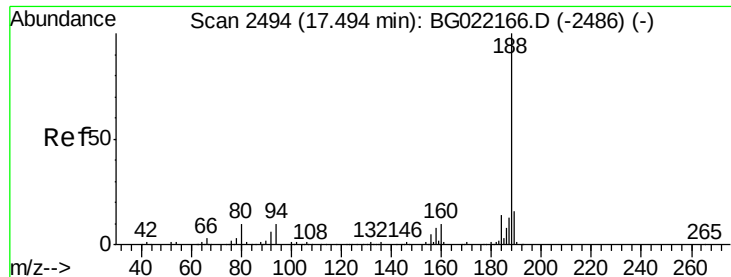
#44
 2-Fluorobiphenyl
 Concen: 92.83 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG022475.D
 Acq: 21 Jun 2016 20:54

Tgt Ion:172 Resp: 393938
 Ion Ratio Lower Upper
 172 100
 171 40.1 27.8 41.6
 170 27.1 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

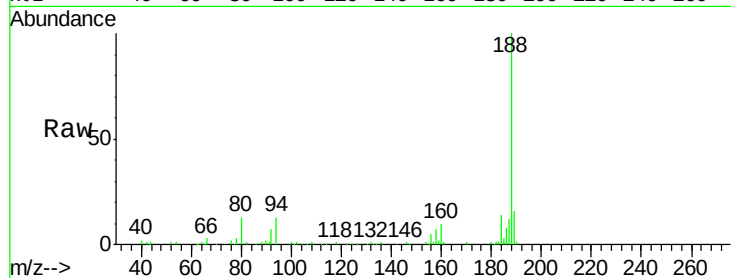




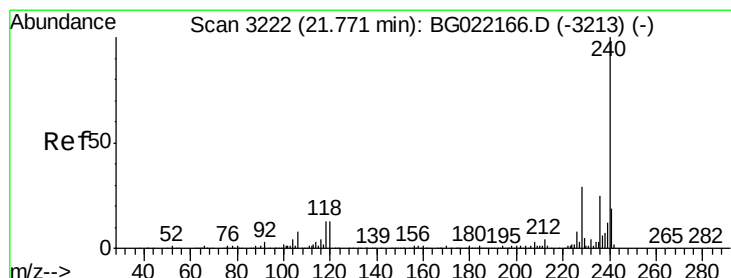
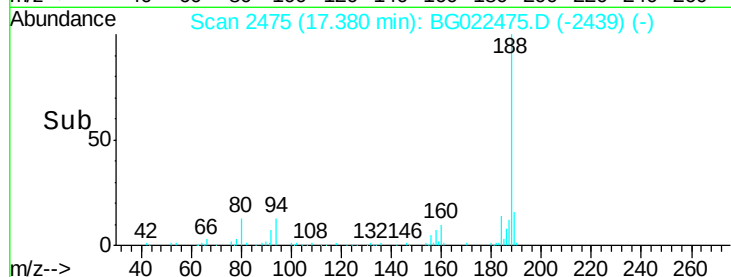
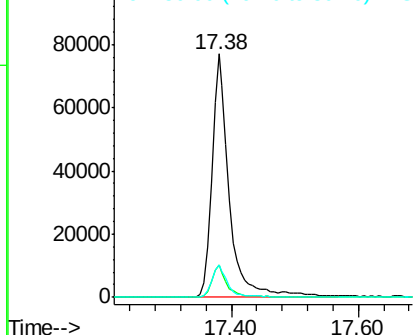
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.09 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Instrument :
BNA_G
ClientSampleId :
PL-DA-8-COMP

Tgt Ion:188 Resp: 149326
Ion Ratio Lower Upper
188 100
94 13.2 7.5 11.3#
80 13.5 8.6 13.0#

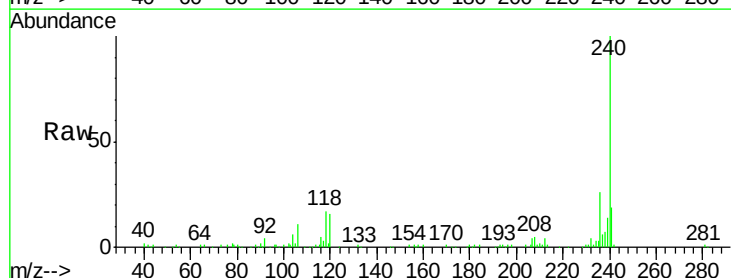


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

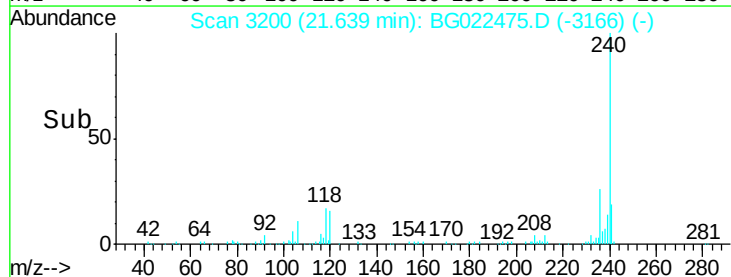
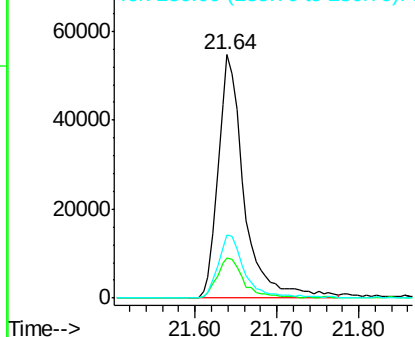


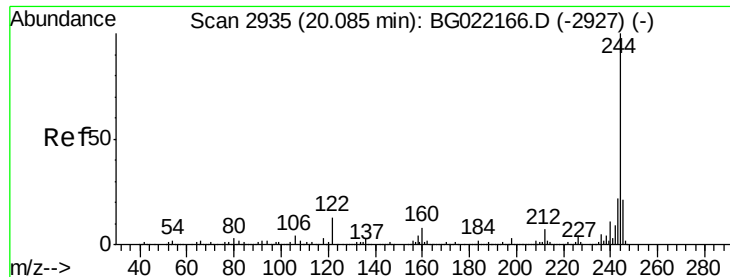
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.10 min
Lab File: BG022475.D
Acq: 21 Jun 2016 20:54

Tgt Ion:240 Resp: 120780
Ion Ratio Lower Upper
240 100
120 16.2 8.4 12.6#
236 25.7 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: 113.86 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.08 min

Lab File: BG022475.D

Acq: 21 Jun 2016 20:54

Instrument :

BNA_G

ClientSampleId :

PL-DA-8-COMP

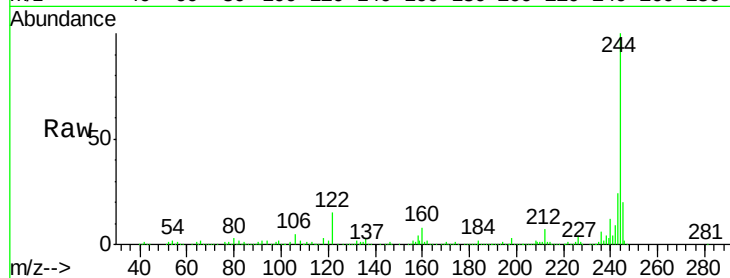
Tgt Ion:244 Resp: 579262

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

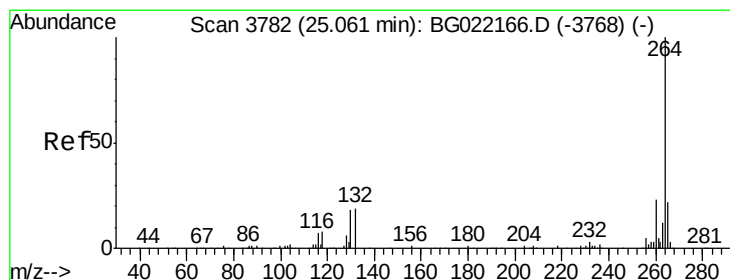
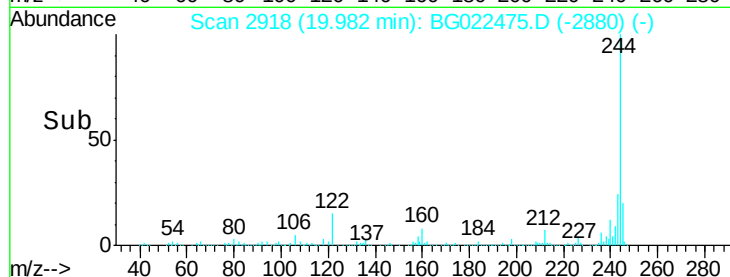
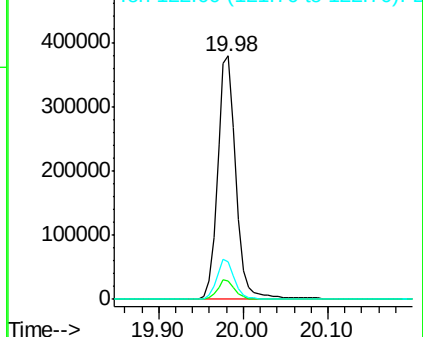
122 15.5 8.6 12.8#



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# 3745

Delta R.T. -0.17 min

Lab File: BG022475.D

Acq: 21 Jun 2016 20:54

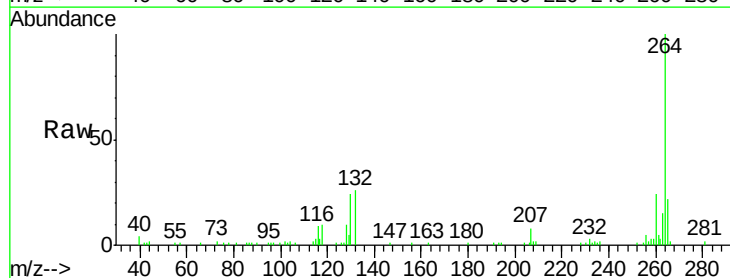
Tgt Ion:264 Resp: 108281

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.4

265 22.3 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

