

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022472.D
 Acq On : 21 Jun 2016 18:53
 Operator : UM/SJ
 Sample : H3631-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-5-COMP

Quant Time: Jun 22 02:21:15 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	21261	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	102913	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	69117	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	153906	20.00	ng	0.00
75) Chrysene-d12	21.64	240	127633	20.00	ng	0.00
86) Perylene-d12	24.84	264	110762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	177778	161.67	ng	0.00
7) Phenol-d6	7.17	99	241040	139.42	ng	0.00
23) Nitrobenzene-d5	9.16	82	137081	92.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	85112	108.98	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	392845	86.62	ng	0.00
78) Terphenyl-d14	19.98	244	523583	97.39	ng	0.00

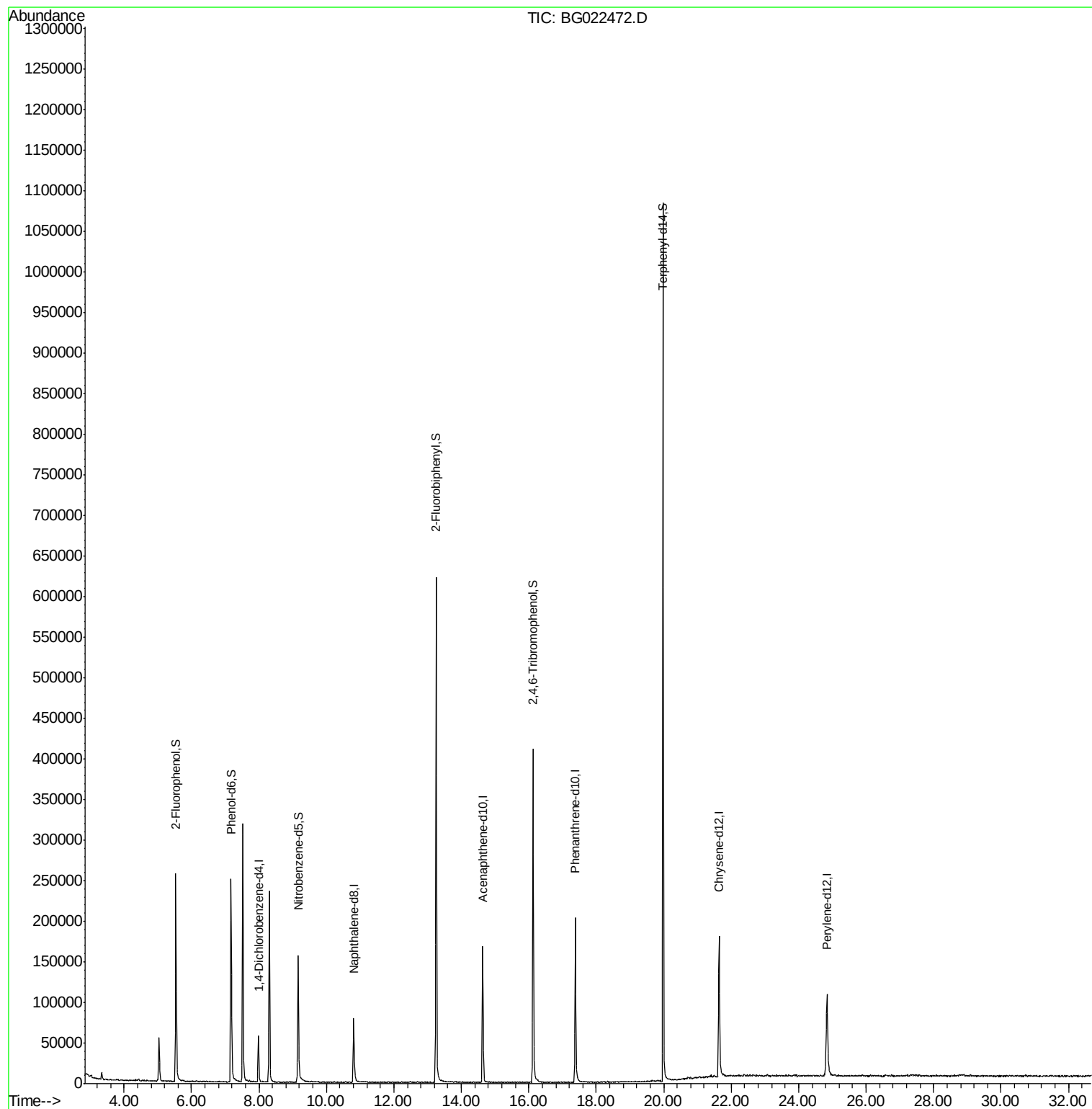
Target Compounds Qvalue

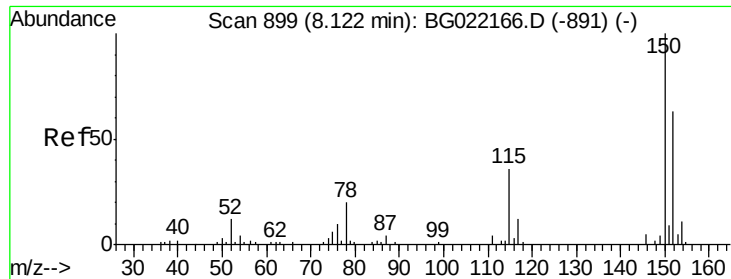
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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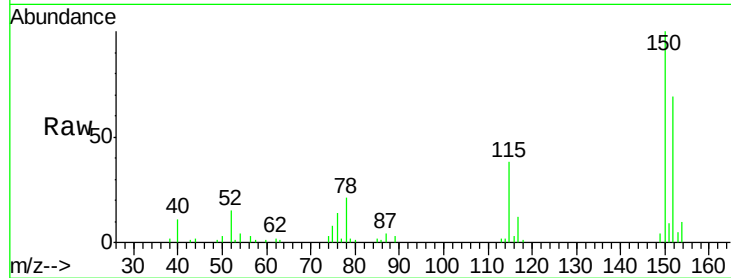


#1

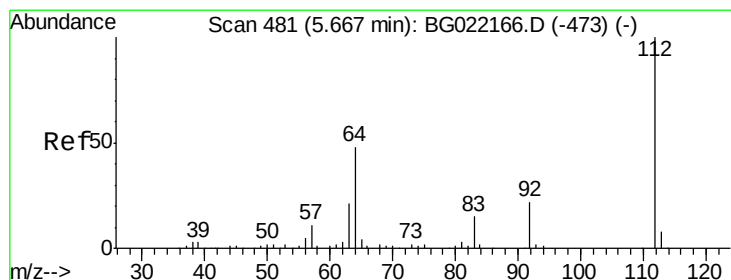
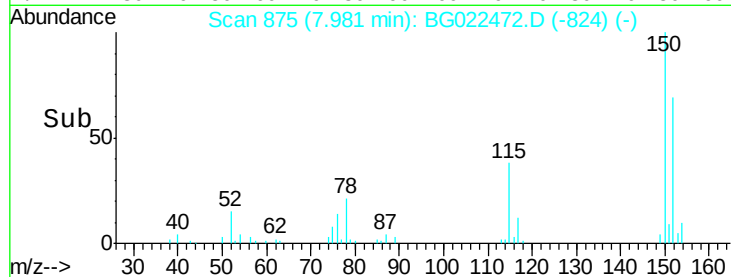
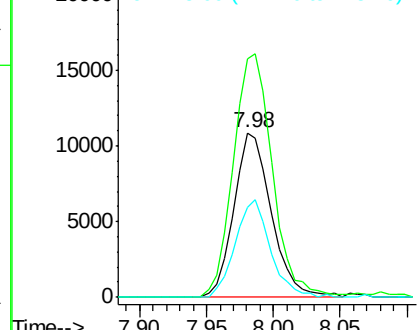
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022472.D
Acq: 21 Jun 2016 18:53

Instrument :
BNA_G
ClientSampleId :
PL-DA-5-COMP

Tot Ion:152 Resp: 21261
Ion Ratio Lower Upper
152 100
150 144.5 130.1 195.1
115 54.5 62.2 93.2#



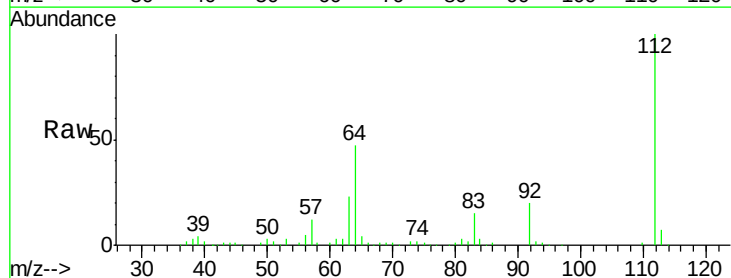
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



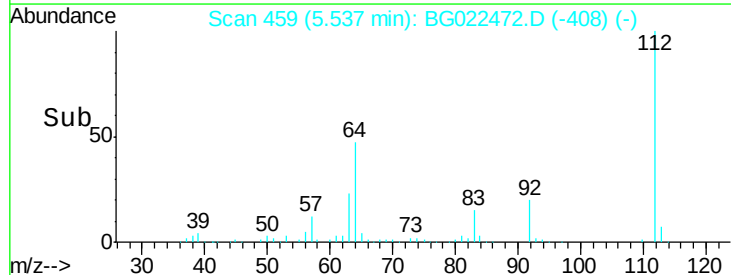
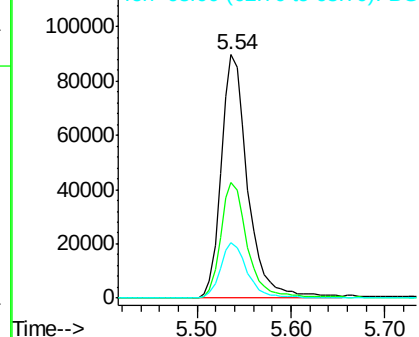
#5

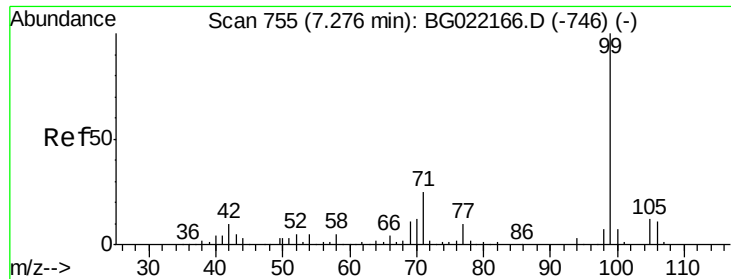
2-Fluorophenol
Concen: 161.67 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG022472.D
Acq: 21 Jun 2016 18:53

Tgt Ion:112 Resp: 177778
Ion Ratio Lower Upper
112 100
64 47.3 51.1 76.7#
63 23.0 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: 139.42 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022472.D

Acq: 21 Jun 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PL-DA-5-COMP

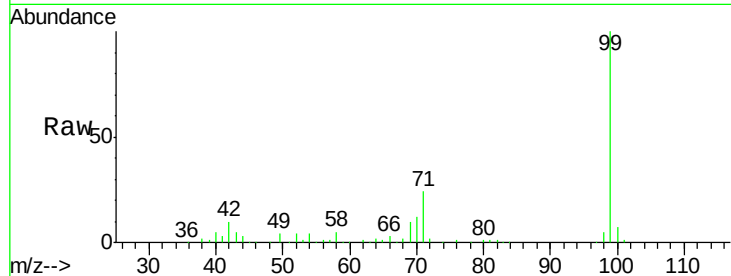
Tot Ion: 99 Resp: 241040

Ion Ratio Lower Upper

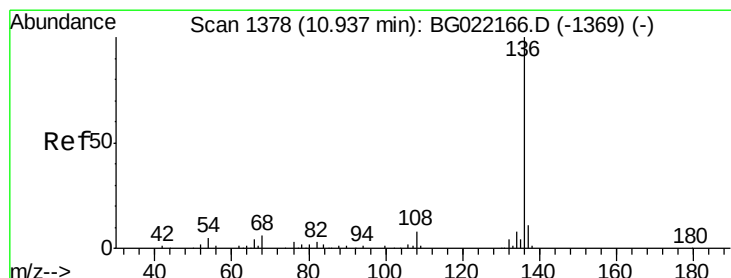
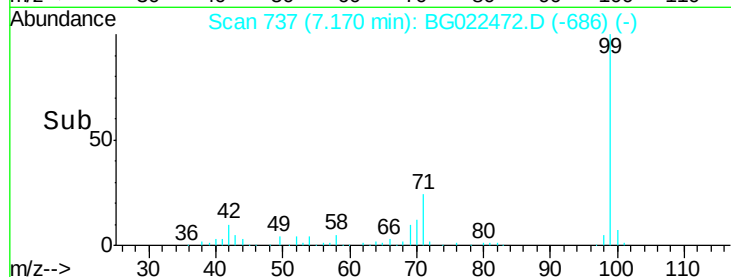
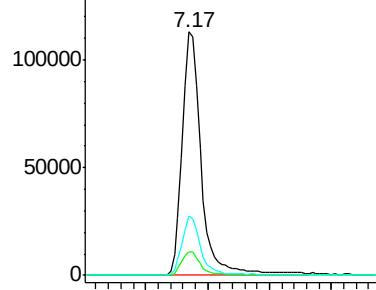
99 100

42 9.8 16.4 24.6#

71 24.4 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: BG022472.D

Acq: 21 Jun 2016 18:53

Tgt Ion: 136 Resp: 102913

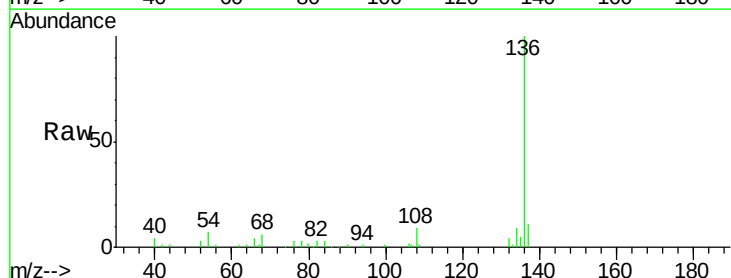
Ion Ratio Lower Upper

136 100

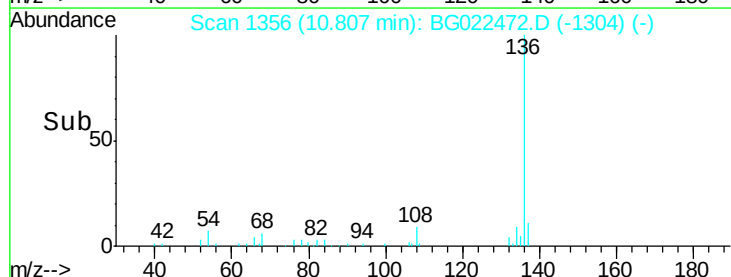
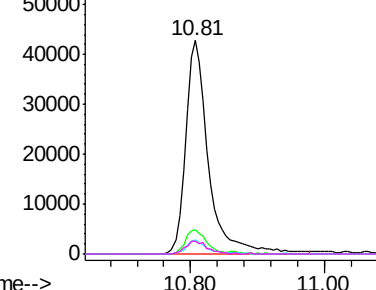
137 11.4 9.0 13.4

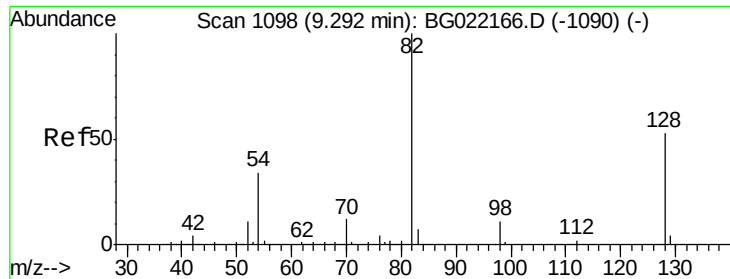
54 6.6 9.6 14.4#

68 5.9 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

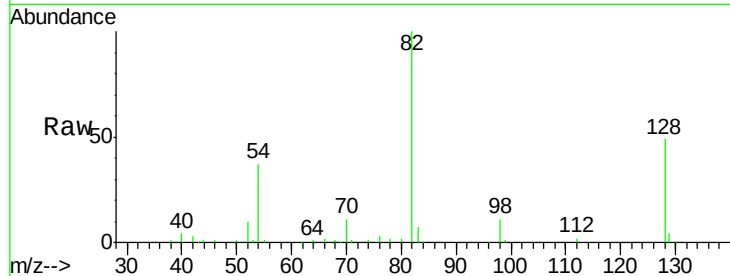




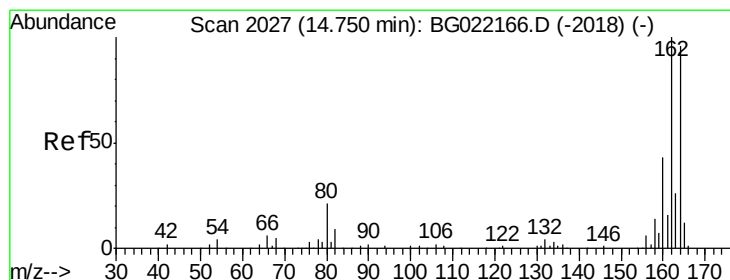
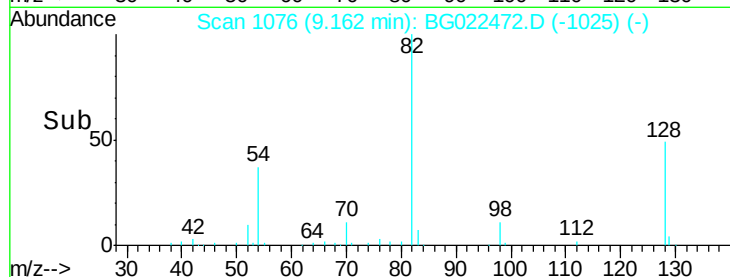
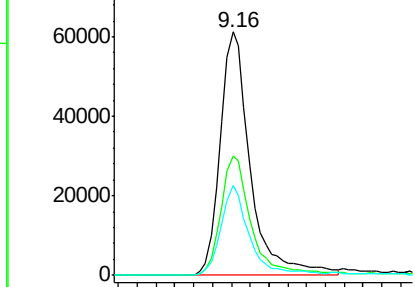
#23
 Nitrobenzene-d5
 Concen: 92.86 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022472.D
 Acq: 21 Jun 2016 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-5-COMP

Tot Ion: 82 Resp: 137081
 Ion Ratio Lower Upper
 82 100
 128 49.1 33.4 50.0
 54 36.8 46.1 69.1#

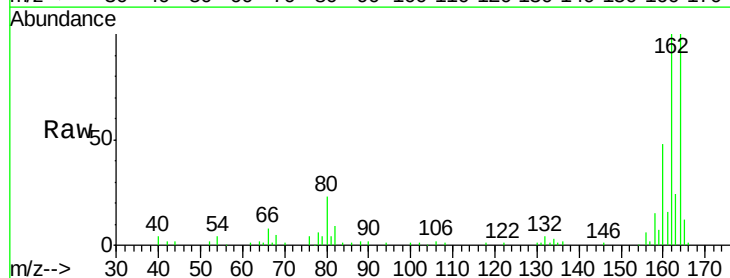


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

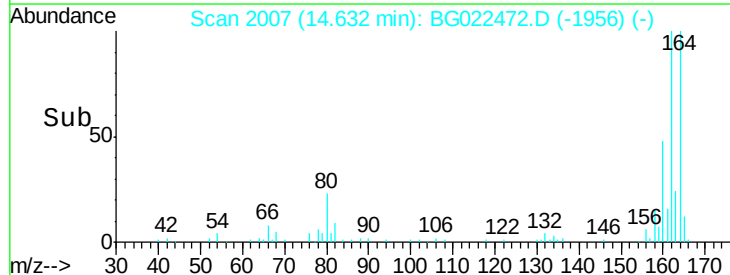
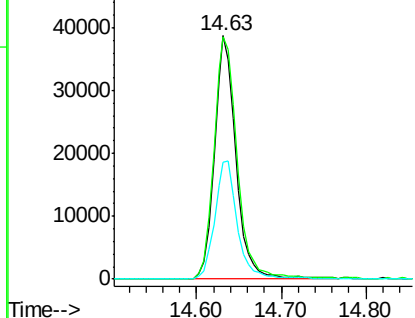


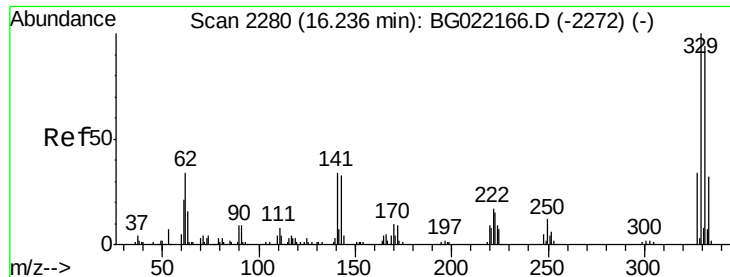
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022472.D
 Acq: 21 Jun 2016 18:53

Tgt Ion:164 Resp: 69117
 Ion Ratio Lower Upper
 164 100
 162 99.7 78.0 117.0
 160 48.1 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: 108.98 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022472.D

Acq: 21 Jun 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PL-DA-5-COMP

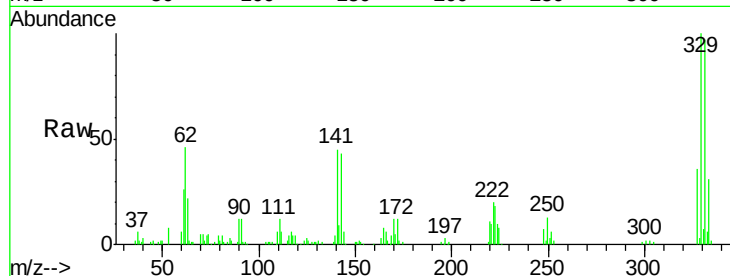
Tot Ion:330 Resp: 85112

Ion Ratio Lower Upper

330 100

332 97.5 78.0 117.0

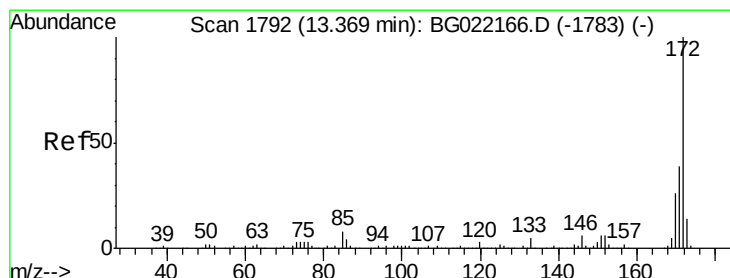
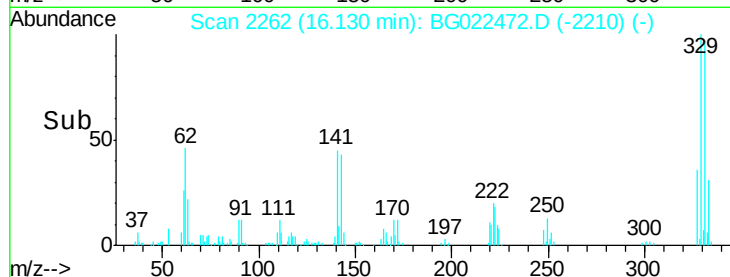
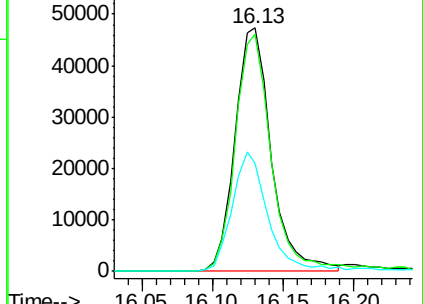
141 49.1 33.8 50.8



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: 86.62 ng

RT: 13.25 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG022472.D

Acq: 21 Jun 2016 18:53

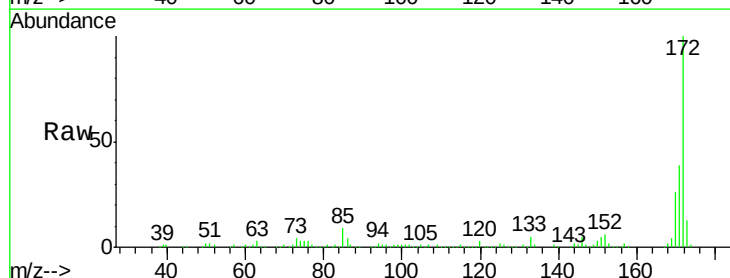
Tgt Ion:172 Resp: 392845

Ion Ratio Lower Upper

172 100

171 38.7 27.8 41.6

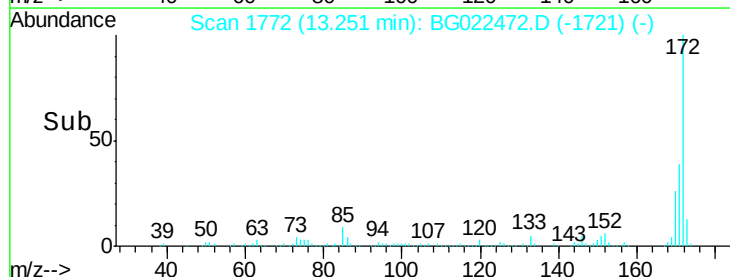
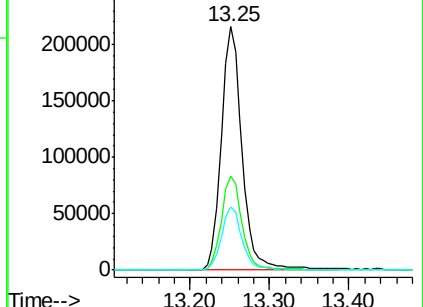
170 26.2 19.6 29.4

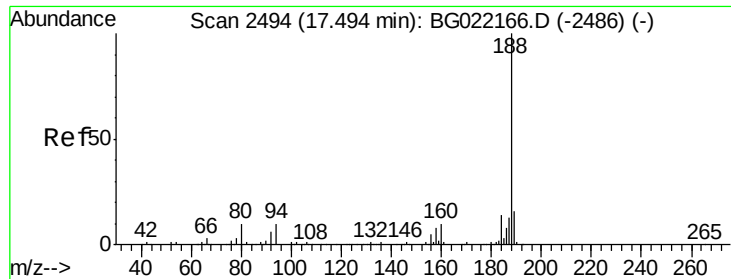


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

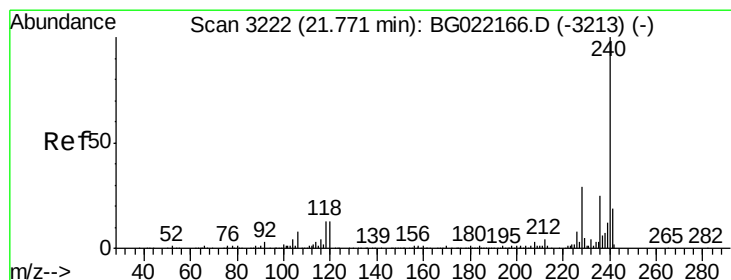
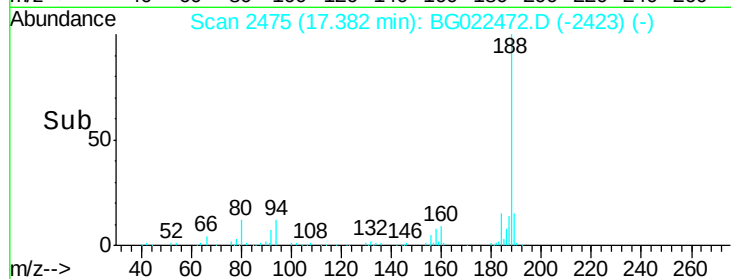
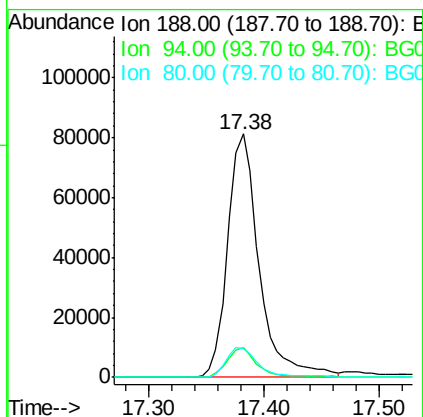
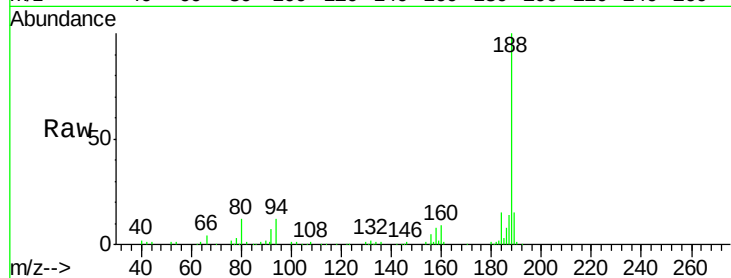




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022472.D
Acq: 21 Jun 2016 18:53

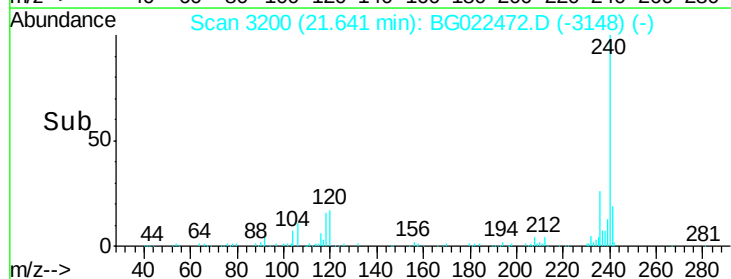
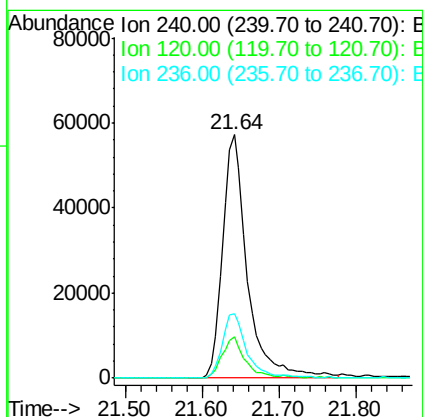
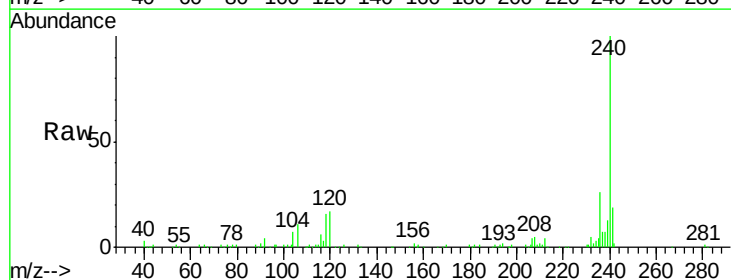
Instrument :
BNA_G
ClientSampleId :
PL-DA-5-COMP

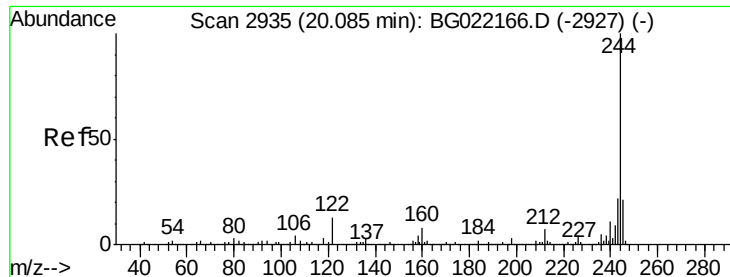
Tot Ion:188 Resp: 153906
Ion Ratio Lower Upper
188 100
94 12.0 7.5 11.3#
80 12.0 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022472.D
Acq: 21 Jun 2016 18:53

Tgt Ion:240 Resp: 127633
Ion Ratio Lower Upper
240 100
120 17.2 8.4 12.6#
236 26.4 19.6 29.4





#78

Terphenyl-d14

Concen: 97.39 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022472.D

Acq: 21 Jun 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PL-DA-5-COMP

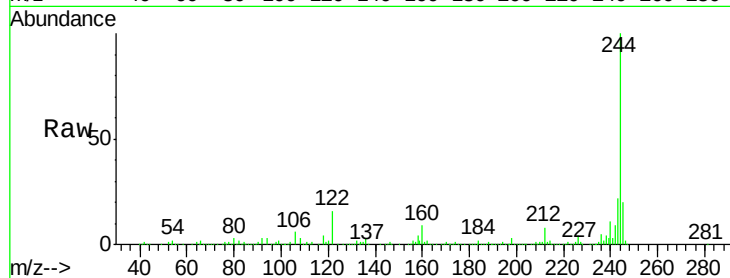
Tot Ion:244 Resp: 523583

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

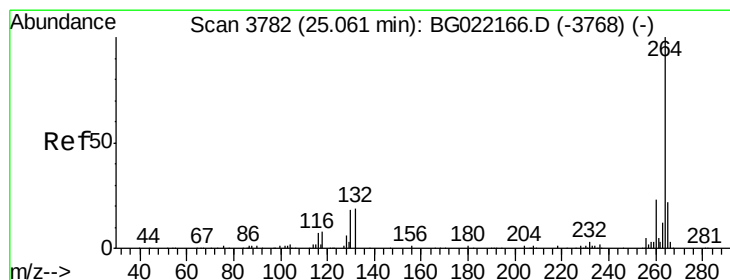
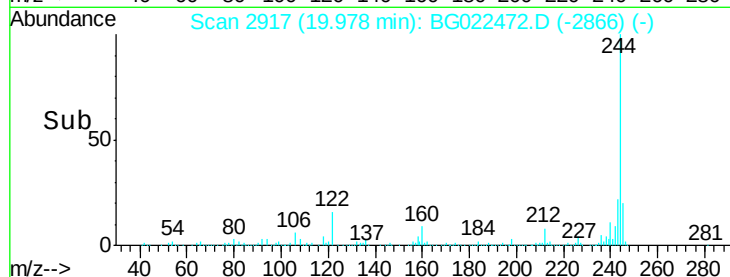
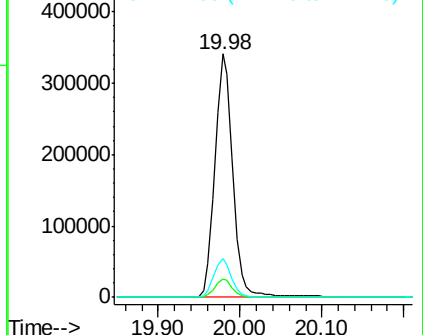
122 15.8 8.6 12.8#



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. 0.00 min

Lab File: BG022472.D

Acq: 21 Jun 2016 18:53

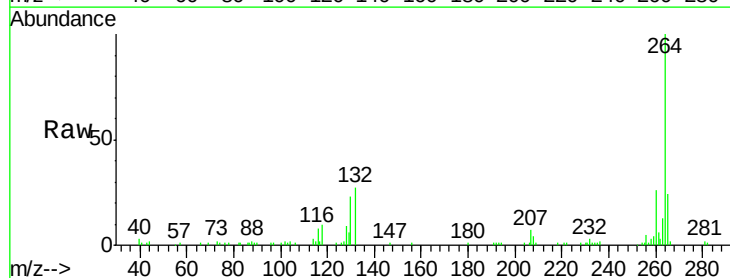
Tgt Ion:264 Resp: 110762

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.4

265 23.7 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

