

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027805.D
 Acq On : 2 Jul 2017 5:19
 Operator : SJ/JU
 Sample : I4020-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HDD-SHEEN

Quant Time: Jul 03 07:48:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

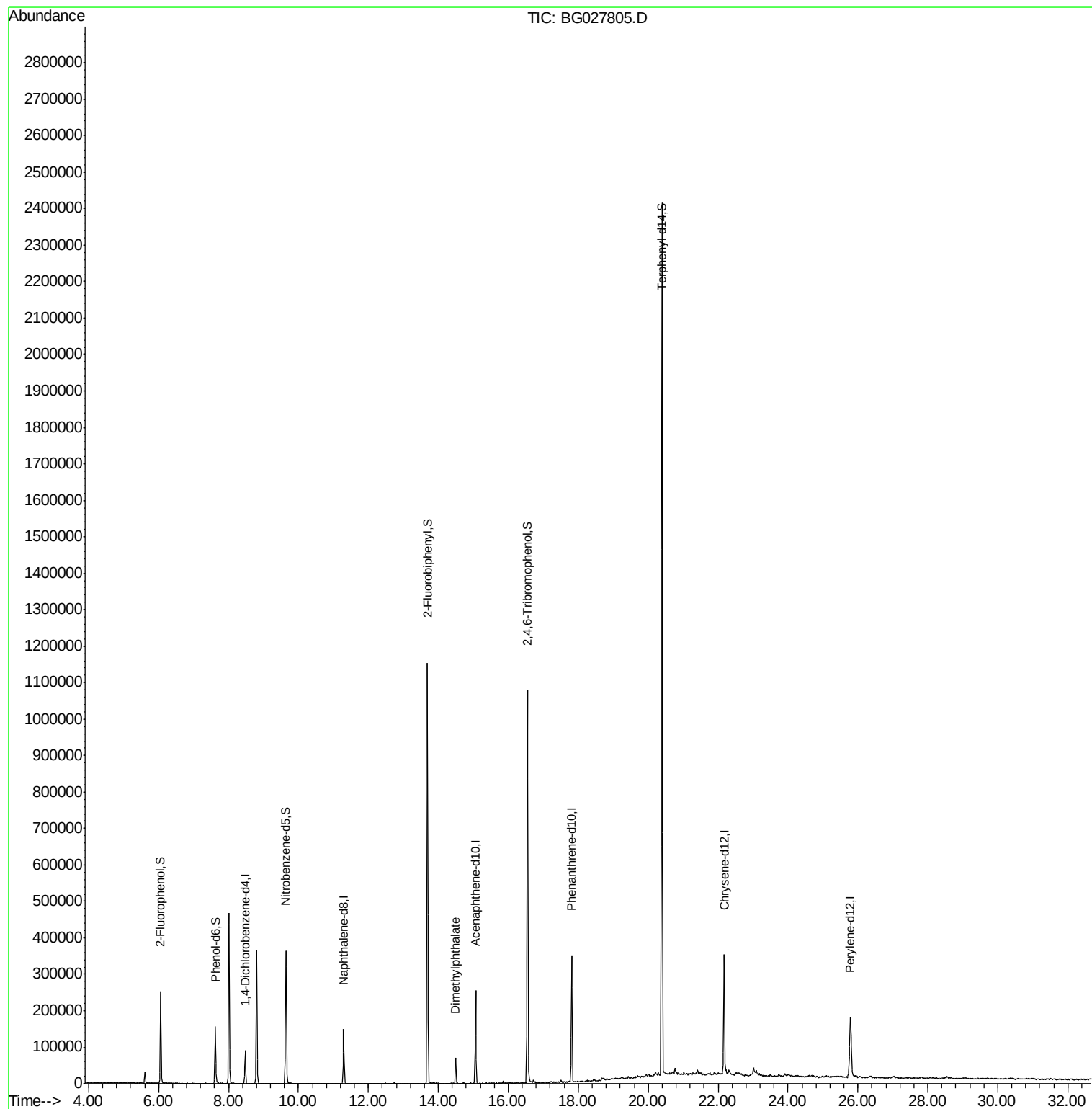
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26259	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	133847	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	89035	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	219878	20.00	ng	0.00
75) Chrysene-d12	22.17	240	219782	20.00	ng	0.00
86) Perylene-d12	25.78	264	214773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	110529	64.82	ng	0.00
7) Phenol-d6	7.62	99	99792	38.31	ng	0.00
23) Nitrobenzene-d5	9.64	82	224804	93.62	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	226991	185.87	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	626113	100.43	ng	0.00
78) Terphenyl-d14	20.39	244	1102291	117.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.50	163	49353	6.498	ng	Qvalue # 95

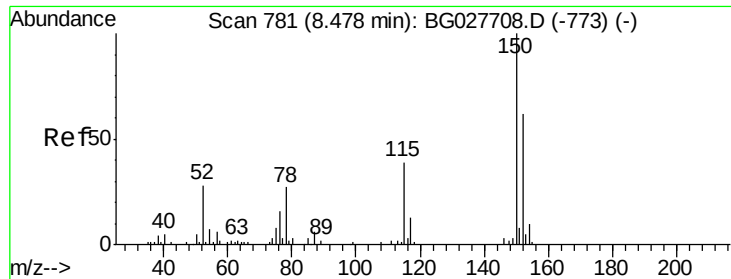
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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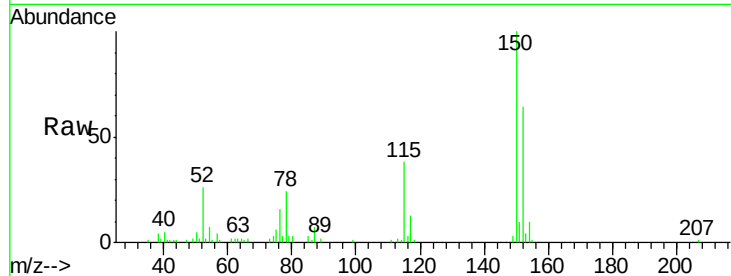


#1

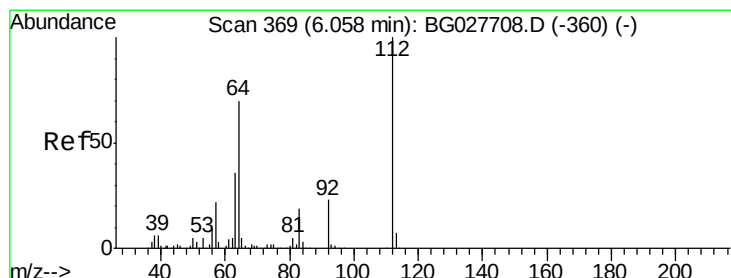
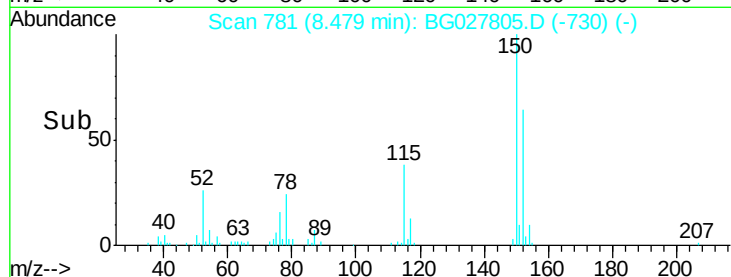
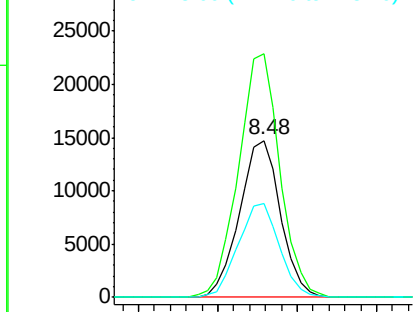
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027805.D
Acq: 2 Jul 2017 5:19

Instrument :
BNA_G
ClientSampleId :
HDD-SHEEN

Tgt Ion:152 Resp: 26259
Ion Ratio Lower Upper
152 100
150 155.2 114.0 171.0
115 59.5 48.1 72.1



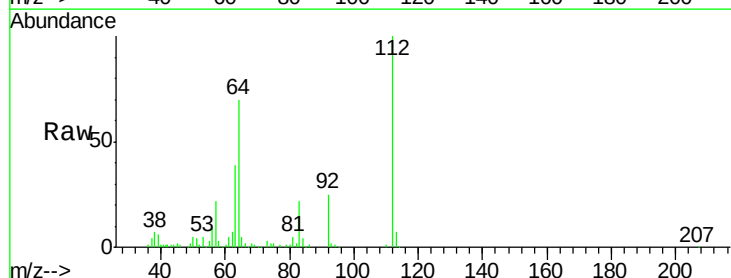
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



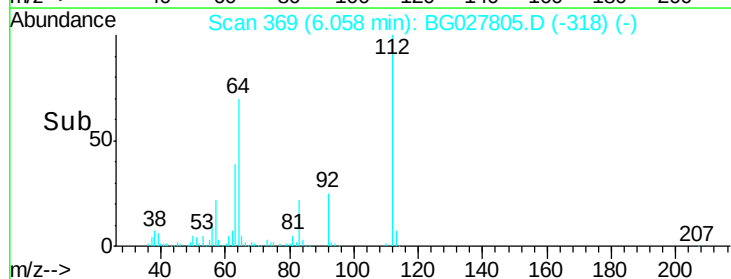
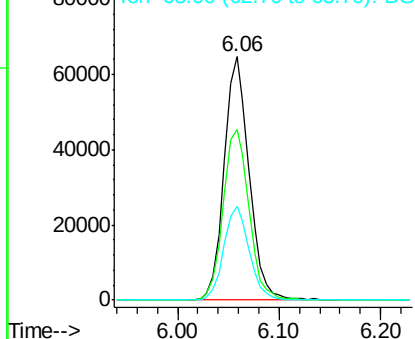
#5

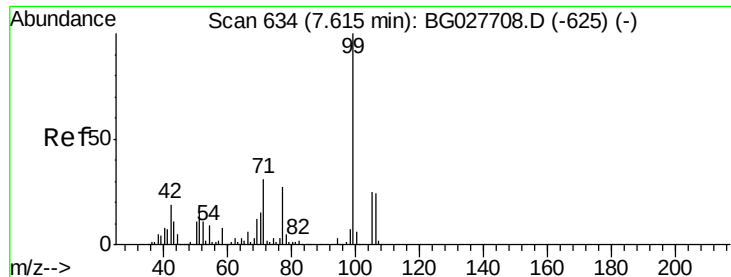
2-Fluorophenol
Concen: 64.818 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027805.D
Acq: 2 Jul 2017 5:19

Tgt Ion:112 Resp: 110529
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 38.5 37.2 55.8



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: 38.307 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

HDD-SHEEN

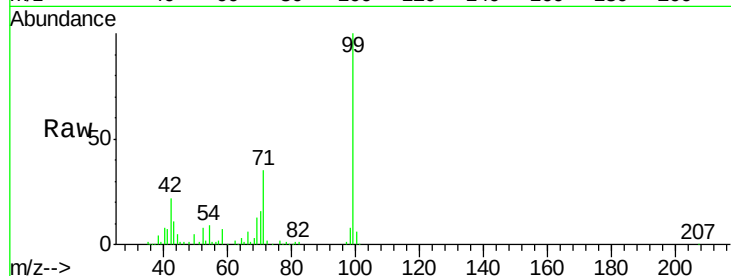
Tgt Ion: 99 Resp: 99792

Ion Ratio Lower Upper

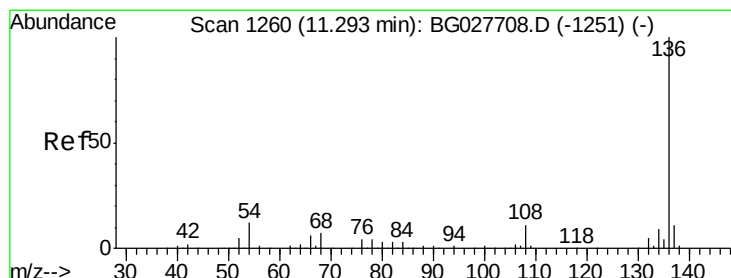
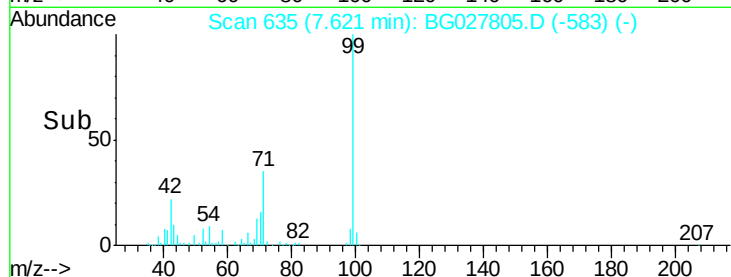
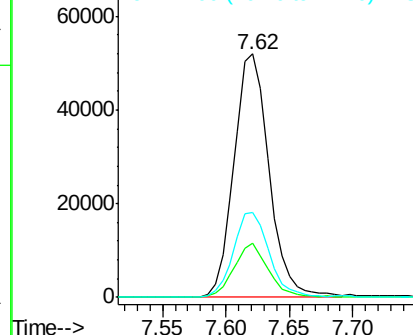
99 100

42 22.3 20.5 30.7

71 34.8 37.6 56.4#



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: 20.000 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Tgt Ion: 136 Resp: 133847

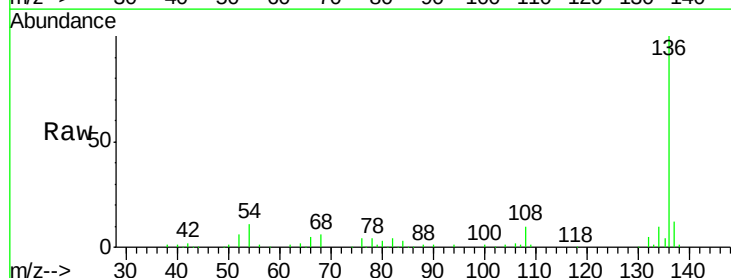
Ion Ratio Lower Upper

136 100

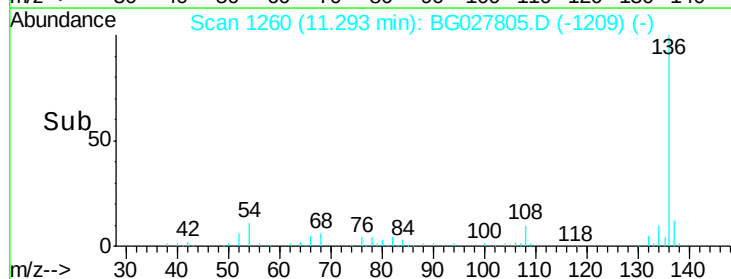
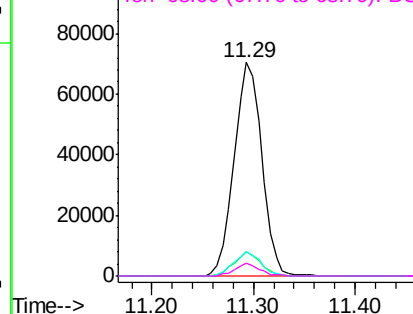
137 11.6 8.9 13.3

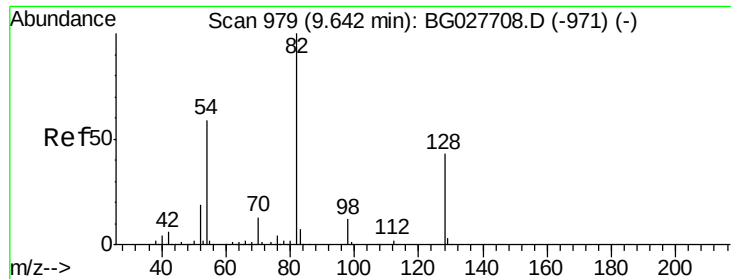
54 11.3 9.3 13.9

68 6.2 5.1 7.7



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

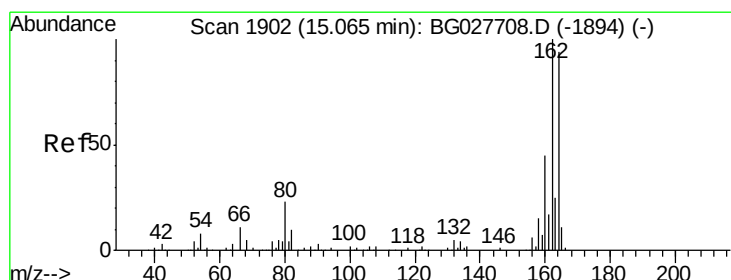
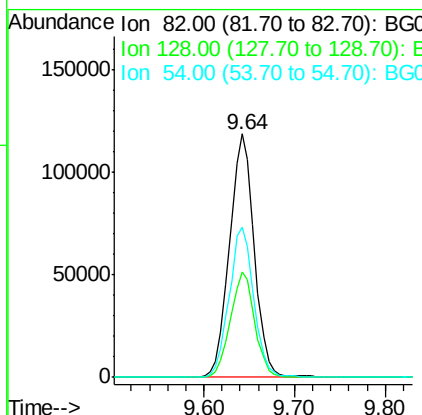
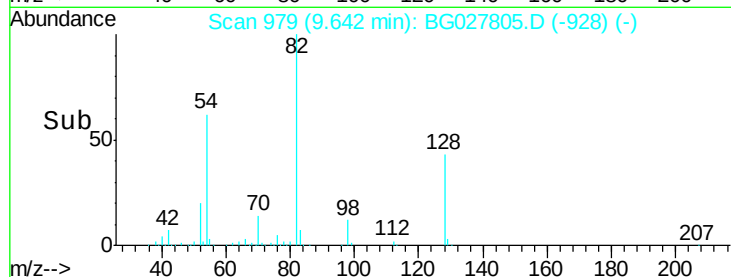
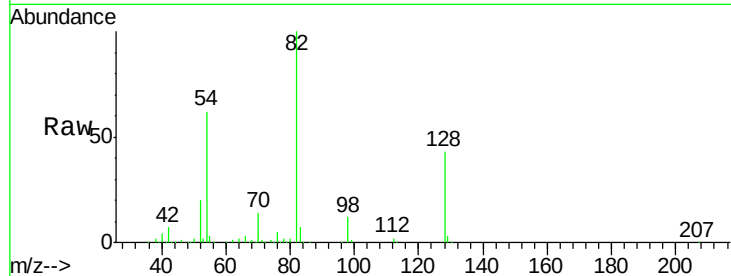




#23
 Nitrobenzene-d5
 Concen: 93.620 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

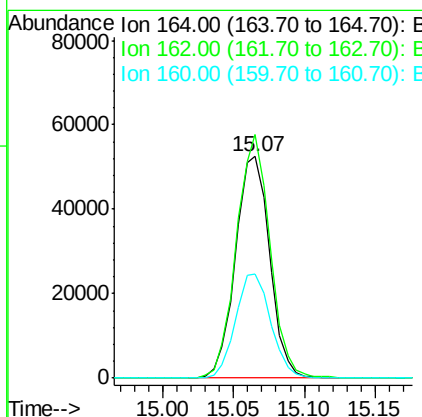
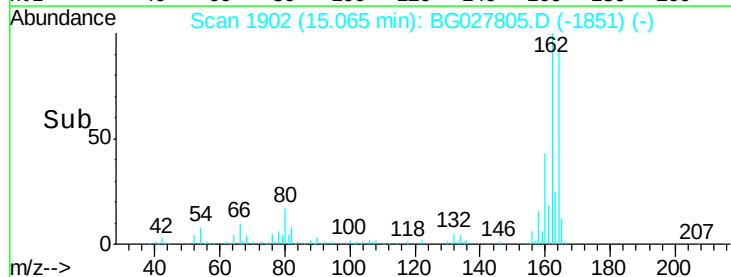
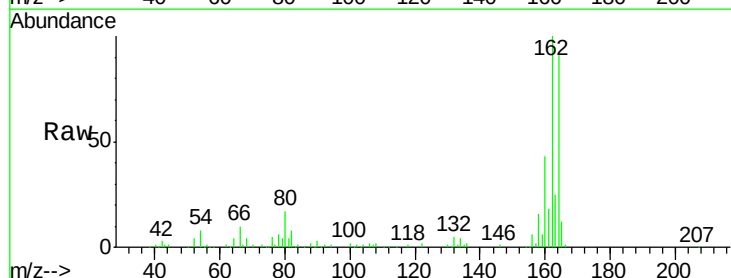
Instrument :
 BNA_G
 ClientSampleId :
 HDD-SHEEN

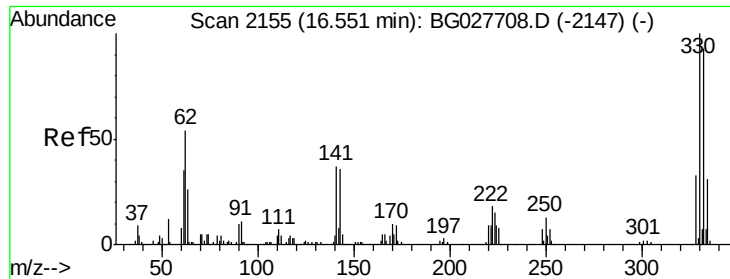
Tgt Ion: 82 Resp: 224804
 Ion Ratio Lower Upper
 82 100
 128 43.5 26.4 39.6#
 54 61.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG027805.D
 Acq: 2 Jul 2017 5:19

Tgt Ion: 164 Resp: 89035
 Ion Ratio Lower Upper
 164 100
 162 109.8 85.1 127.7
 160 47.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 185.874 ng

RT: 16.55 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

HDD-SHEEN

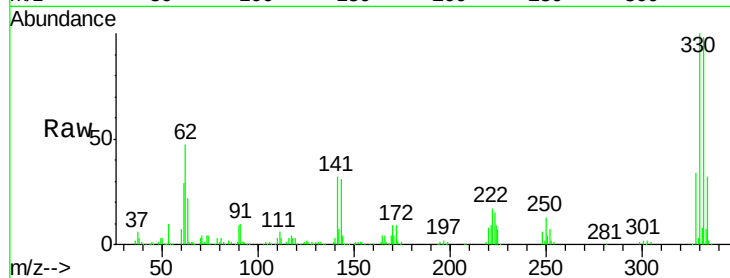
Tgt Ion:330 Resp: 226991

Ion Ratio Lower Upper

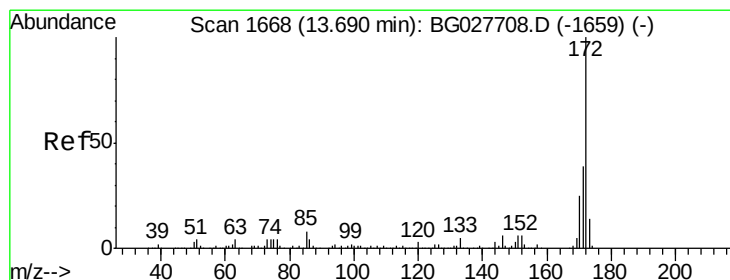
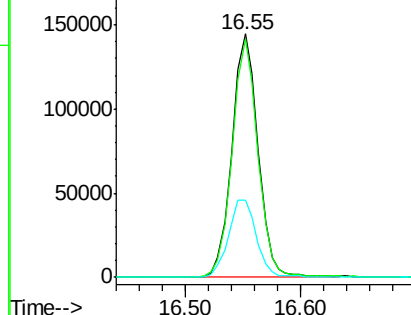
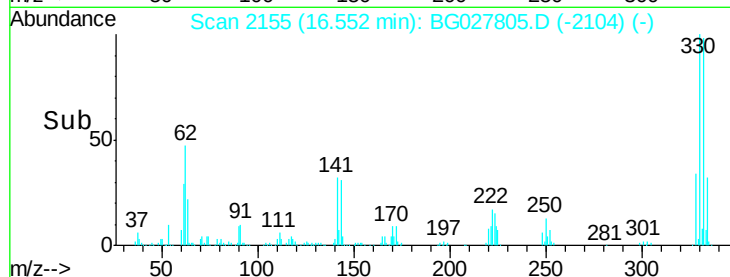
330 100

332 96.4 77.3 115.9

141 34.5 32.1 48.1



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: 100.432 ng

RT: 13.69 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

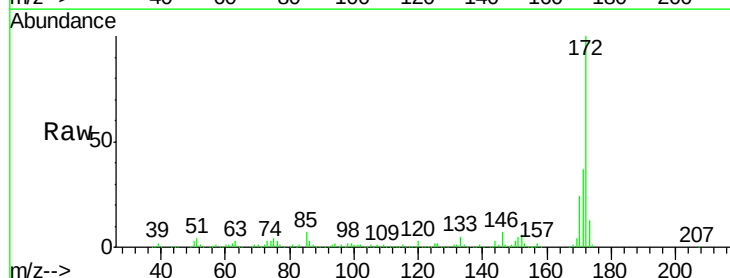
Tgt Ion:172 Resp: 626113

Ion Ratio Lower Upper

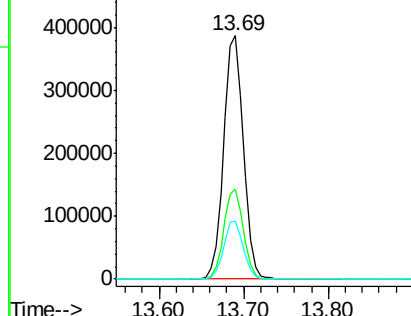
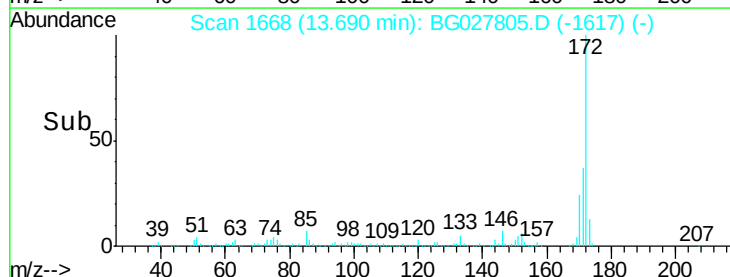
172 100

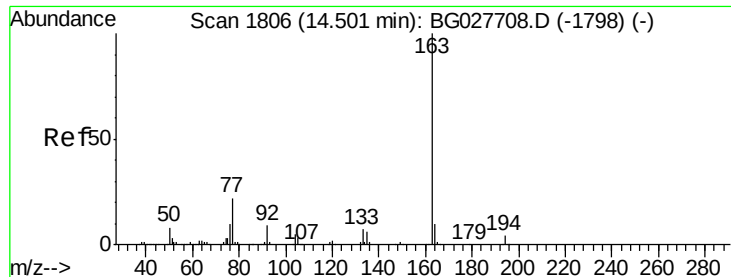
171 36.8 32.2 48.2

170 24.1 21.8 32.6



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





#49

Dimethylphthalate

Concen: 6.498 ng

RT: 14.50 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

HDD-SHEEN

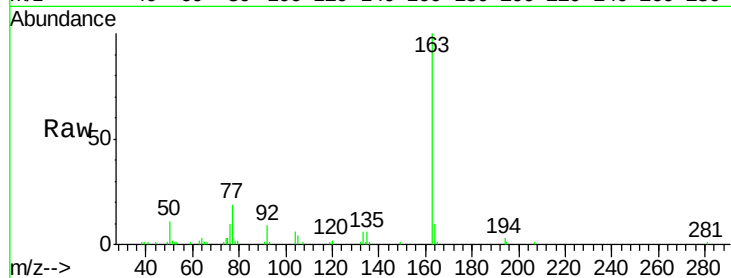
Tgt Ion:163 Resp: 49353

Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

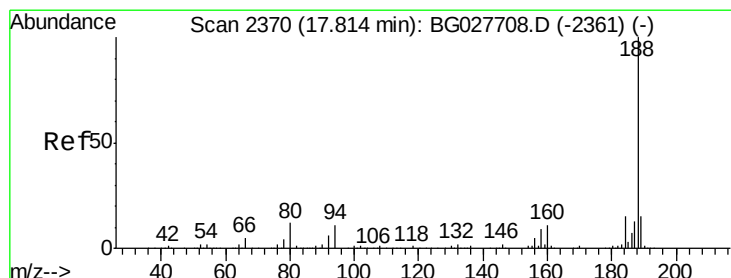
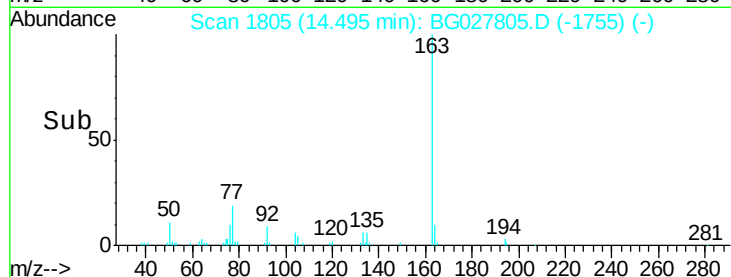
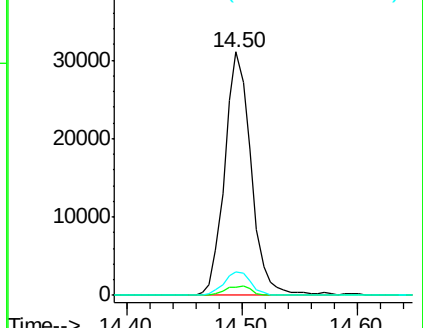
164 9.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

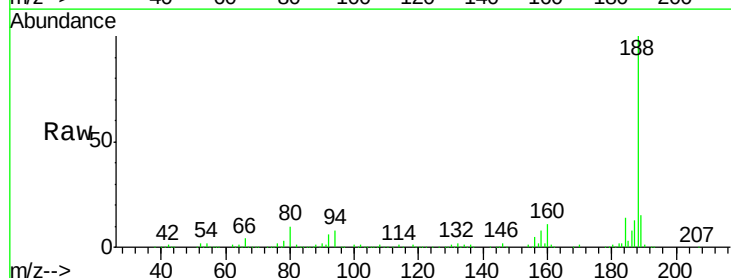
Tgt Ion:188 Resp: 219878

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

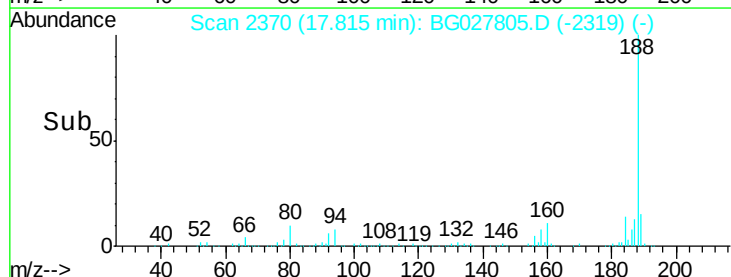
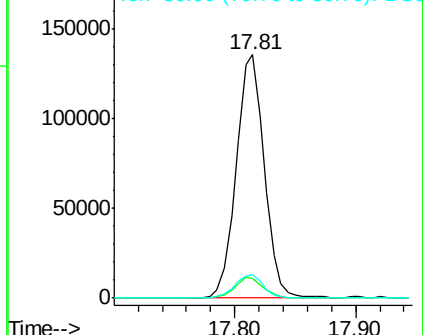
80 9.7 7.5 11.3

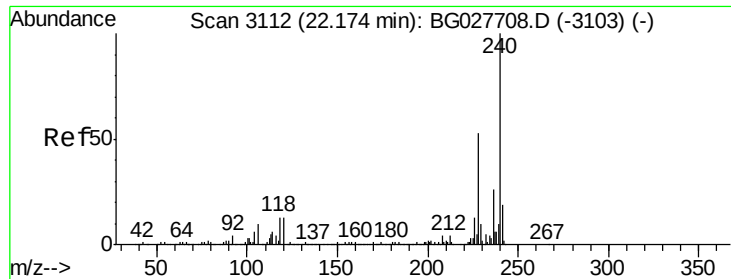


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.17 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

Instrument :

BNA_G

ClientSampleId :

HDD-SHEEN

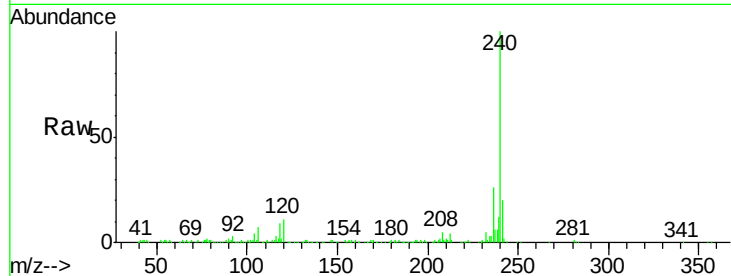
Tgt Ion:240 Resp: 219782

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

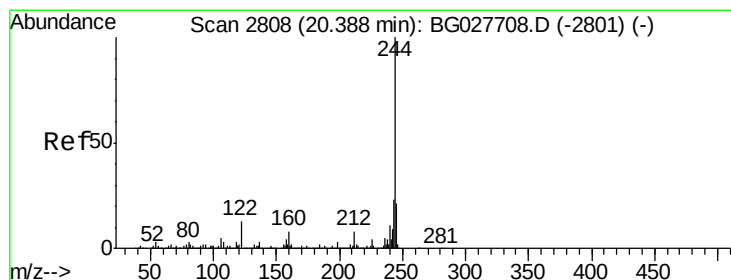
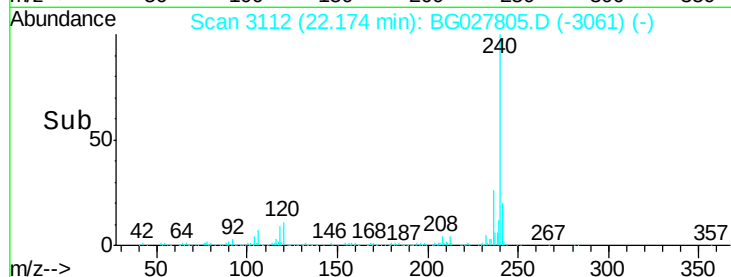
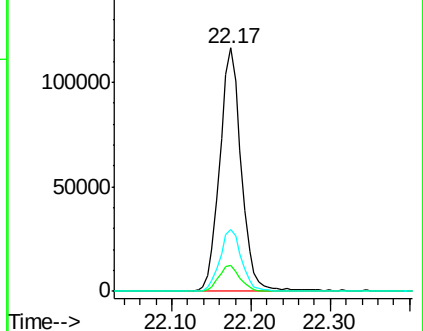
236 25.6 22.2 33.4



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: 117.579 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027805.D

Acq: 2 Jul 2017 5:19

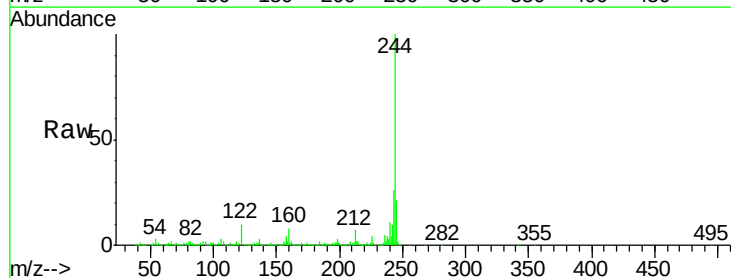
Tgt Ion:244 Resp: 1102291

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

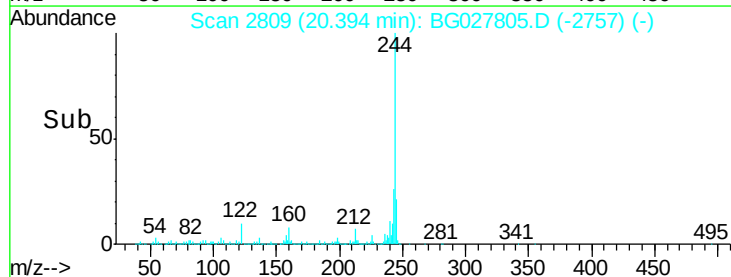
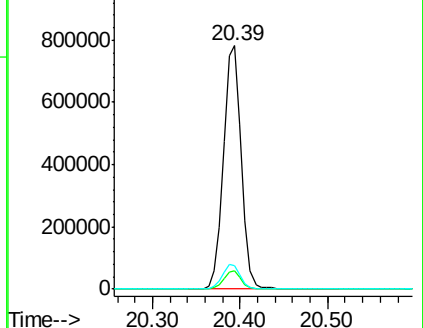
122 9.8 8.6 12.8

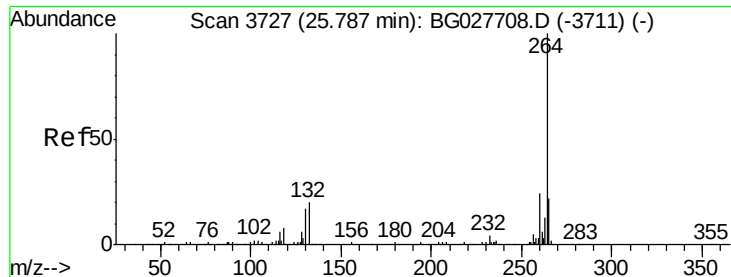


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027805.D
Acq: 2 Jul 2017 5:19

Instrument :
BNA_G
ClientSampleId :
HDD-SHEEN

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.6	18.2	27.4

