

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031580.D
 Acq On : 15 Dec 2017 5:14
 Operator : SJ/JU
 Sample : PB105019TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105019TB

Quant Time: Dec 15 08:00:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70068	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	280161	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	183825	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	483847	20.00	ng	0.00
75) Chrysene-d12	21.73	240	599344	20.00	ng	-0.01
86) Perylene-d12	25.01	264	508651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	600732	151.97	ng	0.00
7) Phenol-d6	7.27	99	728717	132.79	ng	0.00
23) Nitrobenzene-d5	9.27	82	432530	95.16	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	329084	152.81	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1220342	97.45	ng	0.00
78) Terphenyl-d14	20.06	244	2216411	84.14	ng	0.00

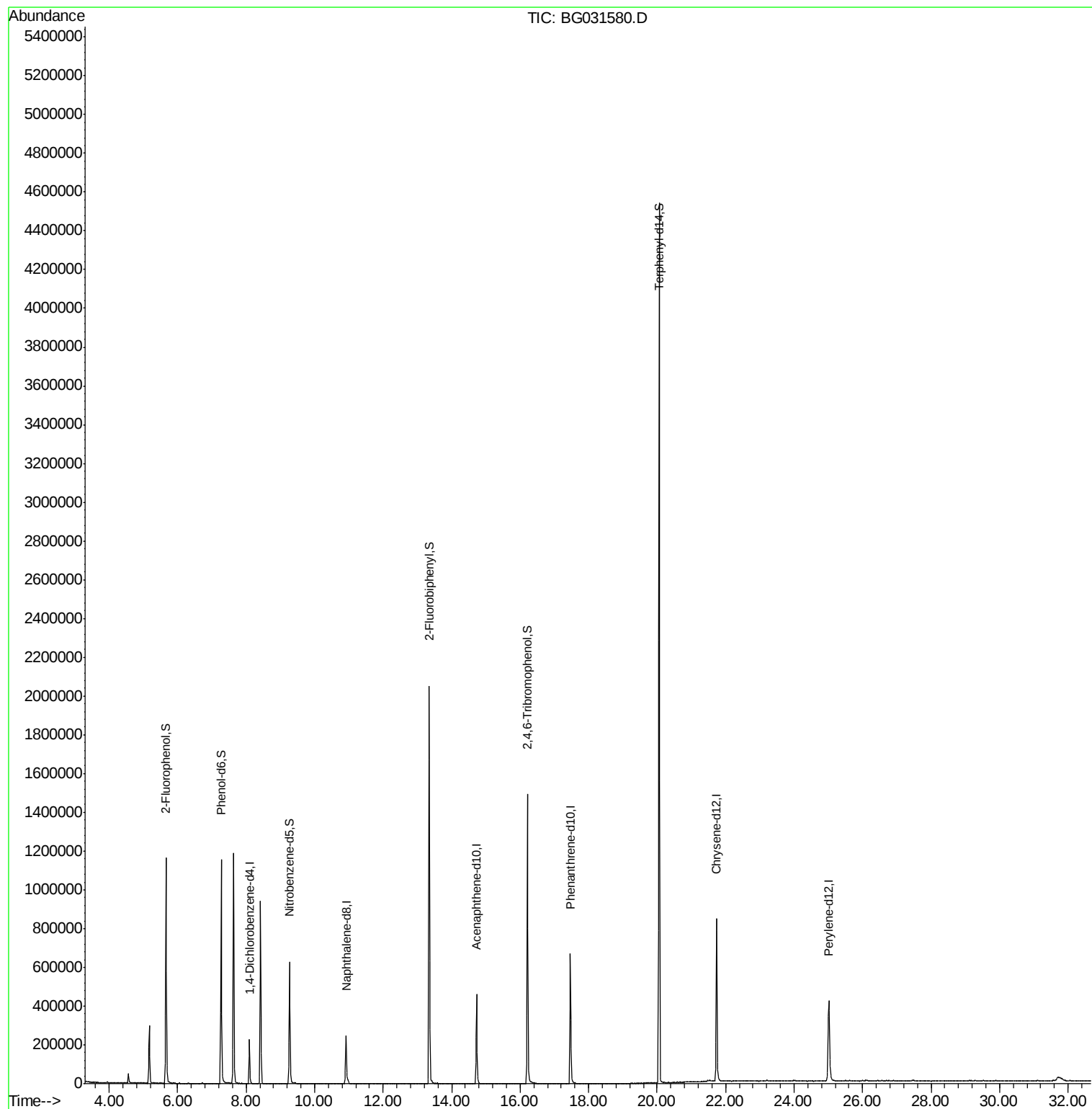
Target Compounds Qvalue

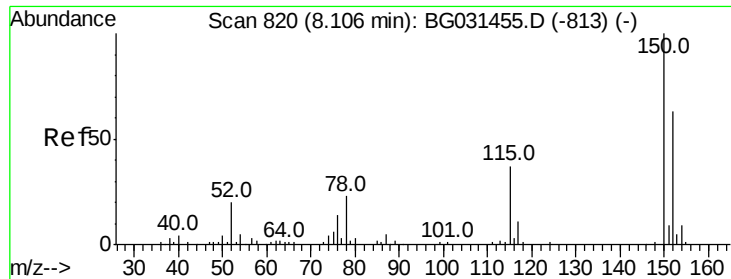
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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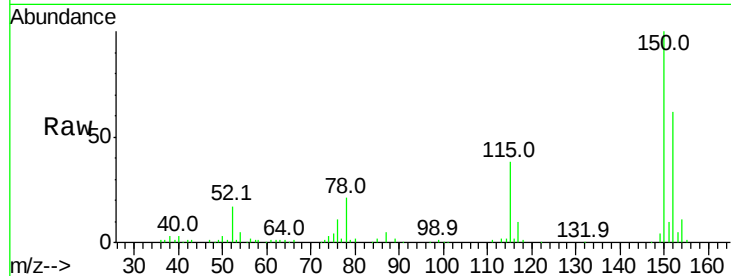


#1

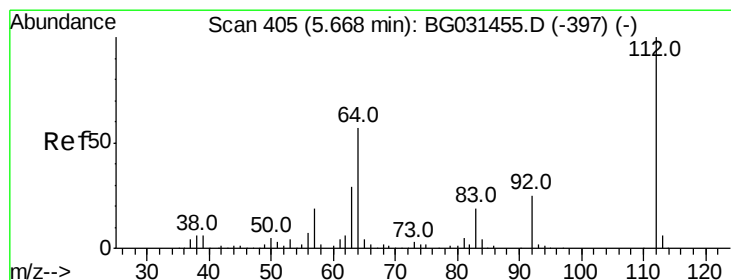
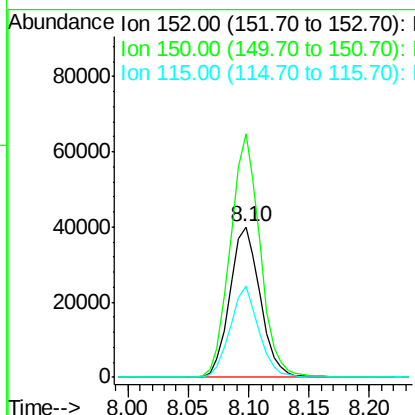
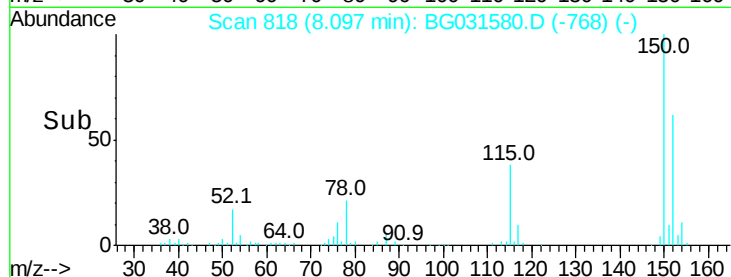
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB105019TB

Tot Ion:152 Resp: 70068
 Ion Ratio Lower Upper
 152 100
 150 161.6 126.6 189.8
 115 61.0 53.0 79.4



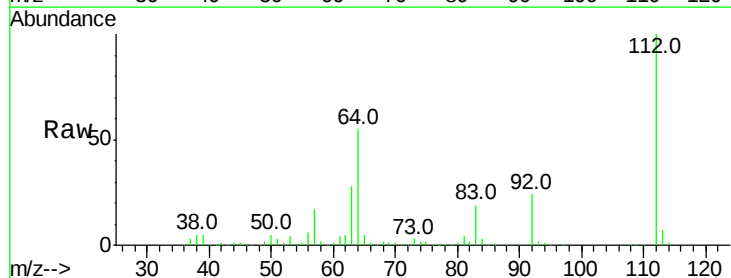
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



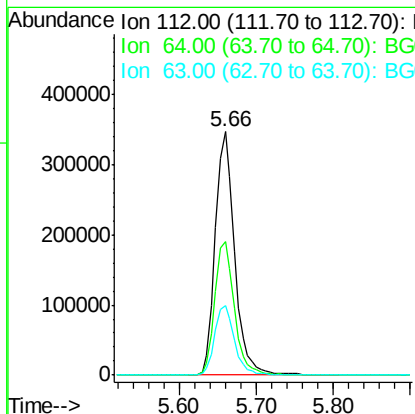
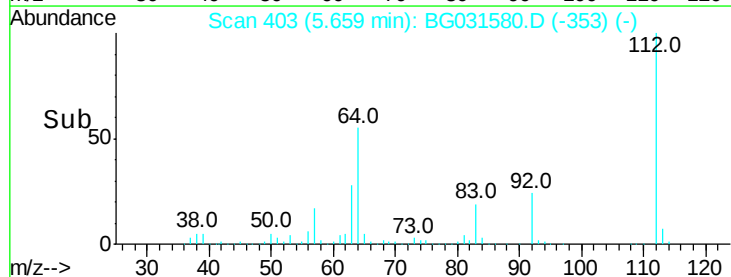
#5

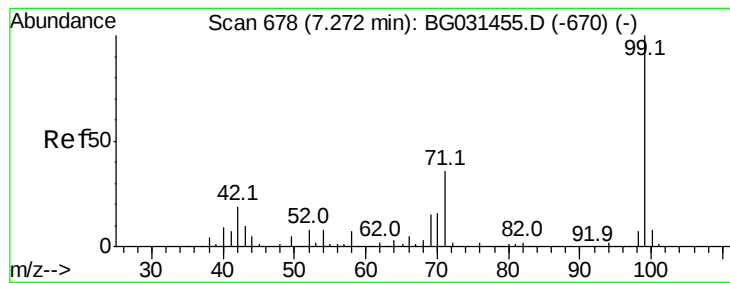
2-Fluorophenol
 Concen: 151.968 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

Tgt Ion:112 Resp: 600732
 Ion Ratio Lower Upper
 112 100
 64 55.0 56.3 84.5#
 63 28.4 30.1 45.1#



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: 132.791 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031580.D

Acq: 15 Dec 2017 5:14

Instrument :

BNA_G

ClientSampleId :

PB105019TB

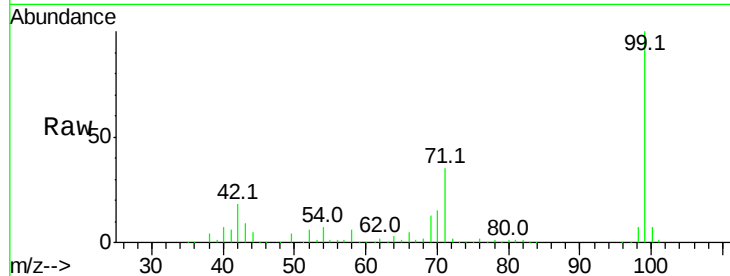
Tot Ion: 99 Resp: 728717

Ion Ratio Lower Upper

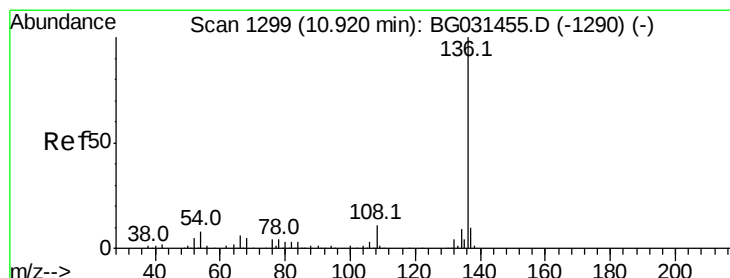
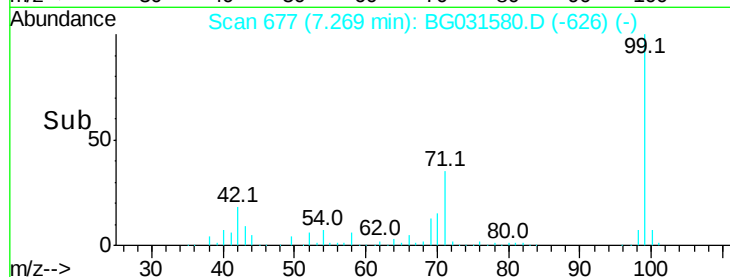
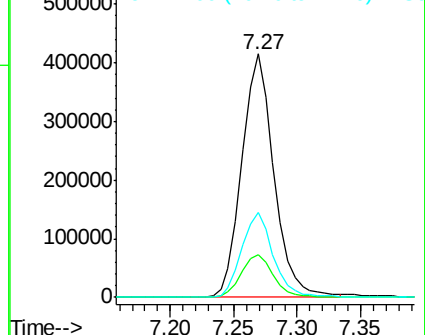
99 100

42 17.5 14.1 21.1

71 34.7 26.1 39.1



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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031580.D

Acq: 15 Dec 2017 5:14

Tgt Ion: 136 Resp: 280161

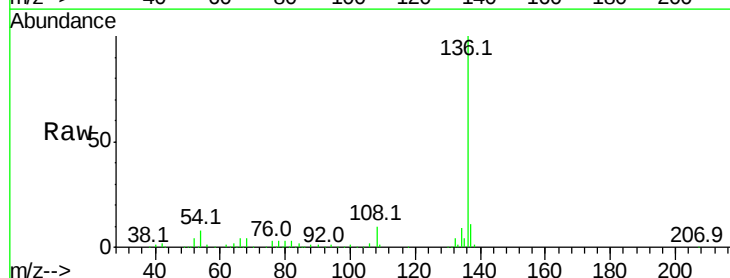
Ion Ratio Lower Upper

136 100

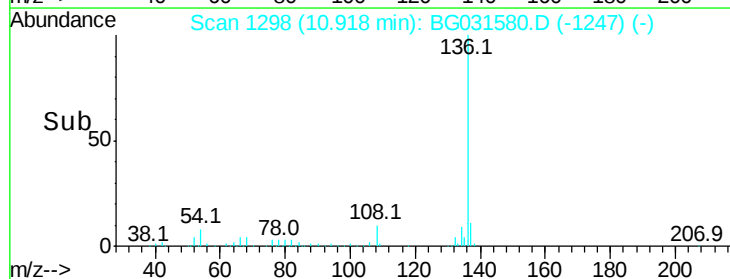
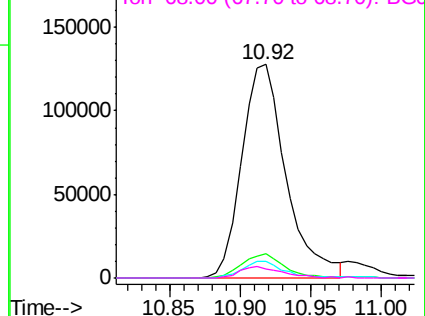
137 11.4 9.2 13.8

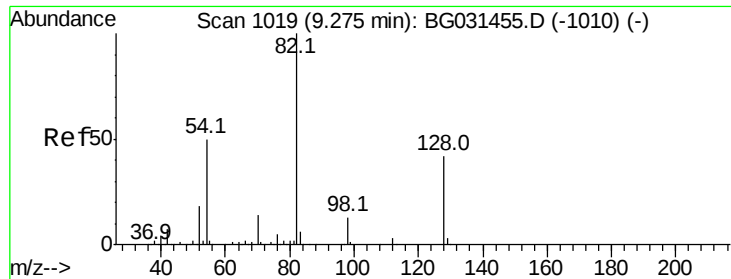
54 7.8 10.3 15.5#

68 4.2 4.5 6.7#



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

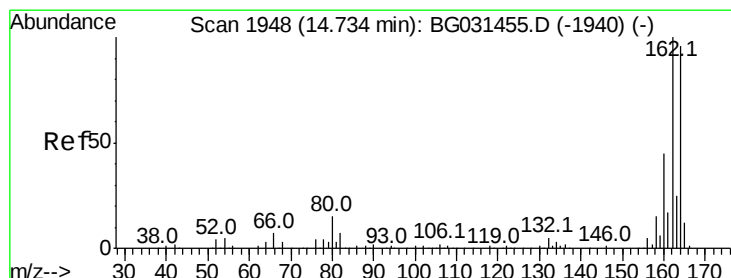
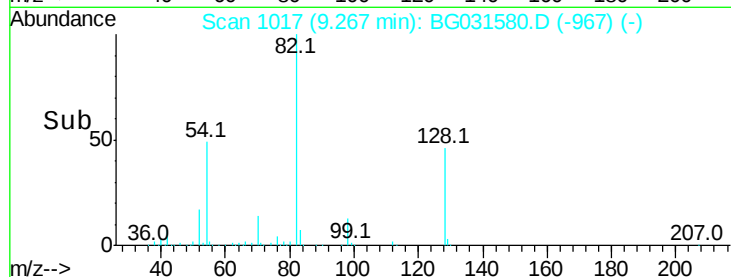
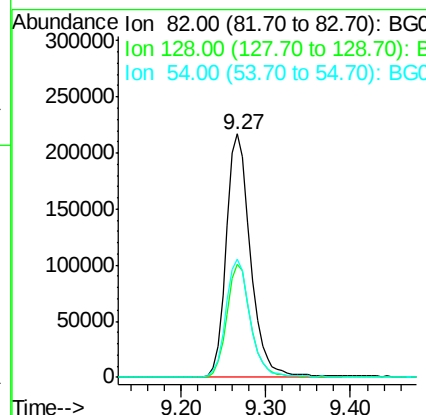
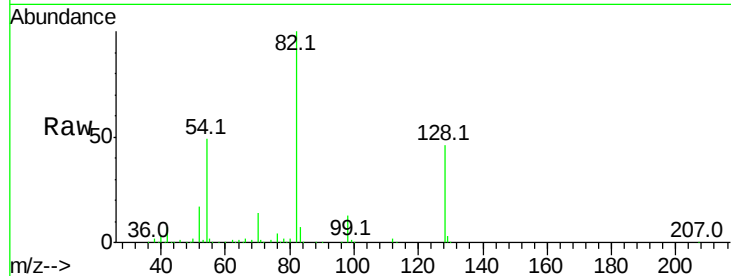




#23
 Nitrobenzene-d5
 Concen: 95.159 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

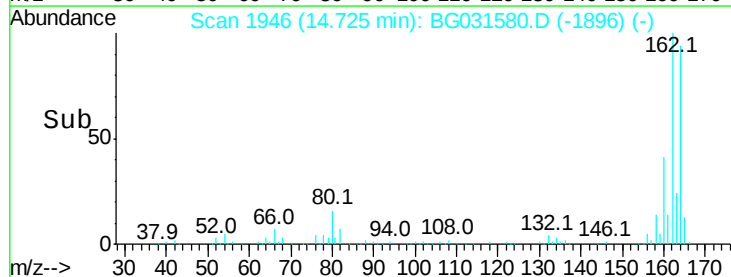
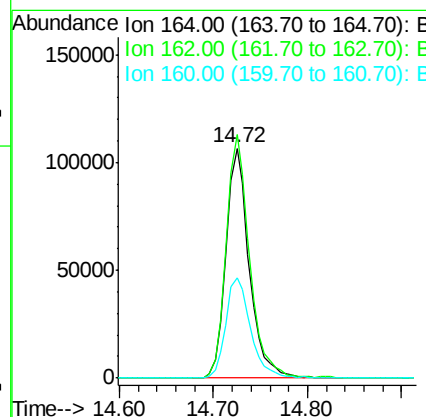
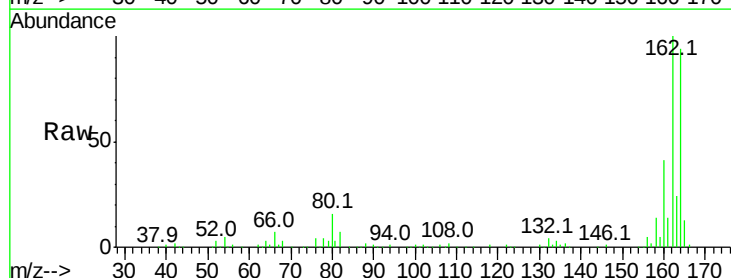
Instrument :
 BNA_G
 ClientSampleId :
 PB105019TB

Tot Ion: 82 Resp: 432530
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 48.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

Tgt Ion: 164 Resp: 183825
 Ion Ratio Lower Upper
 164 100
 162 106.1 78.8 118.2
 160 43.9 35.4 53.0

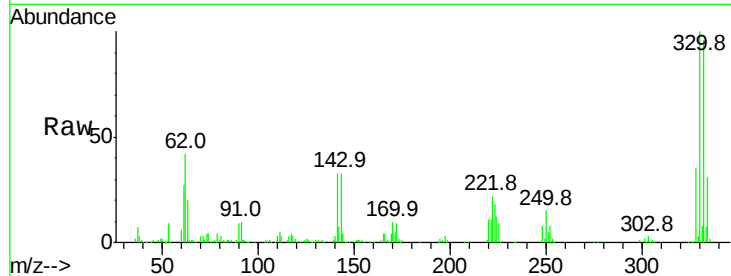




#41
 2,4,6-Tribromophenol
 Concen: 152.807 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB105019TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.0	25.2	37.8

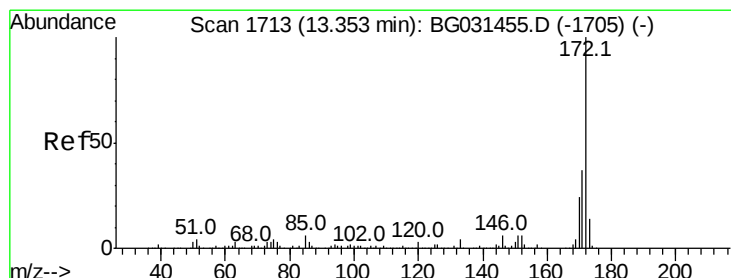
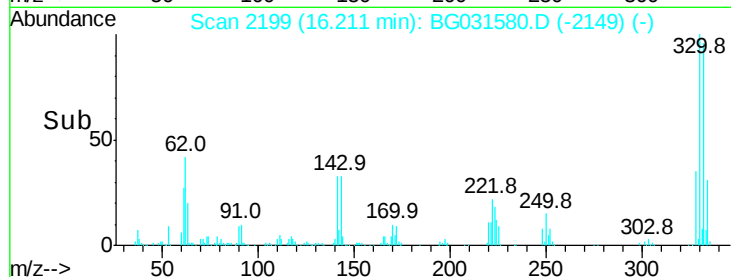
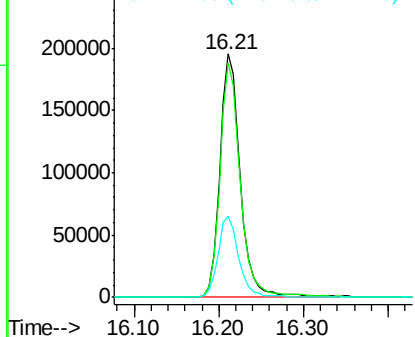


Abundance

Ion 329.80 (329.50 to 330.50): E

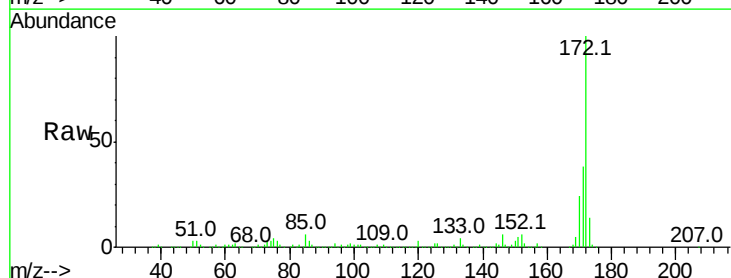
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.446 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031580.D
 Acq: 15 Dec 2017 5:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.1	19.5	29.3

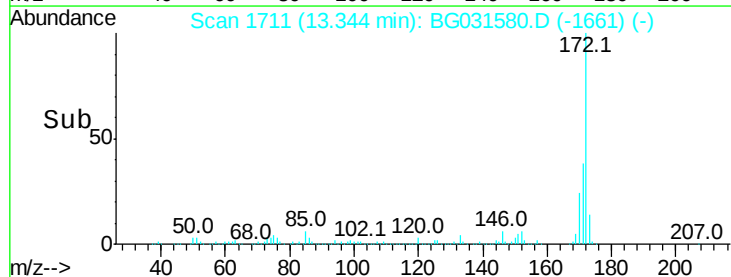
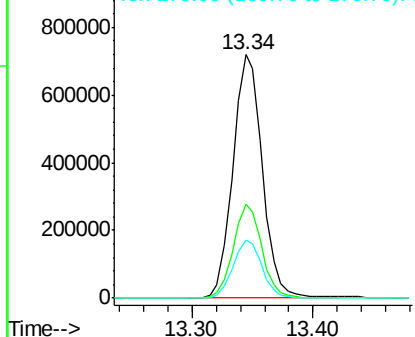


Abundance

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

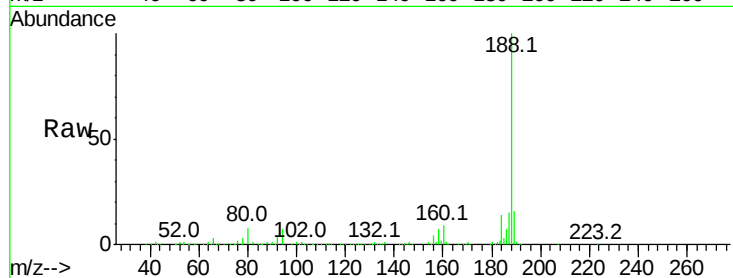




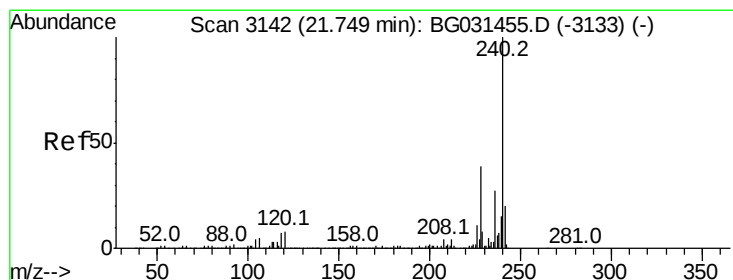
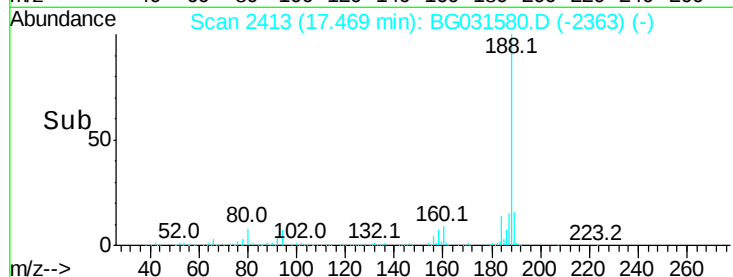
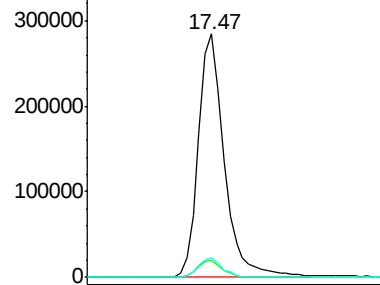
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031580.D
Acq: 15 Dec 2017 5:14

Instrument :
BNA_G
ClientSampleId :
PB105019TB

Tot Ion:188 Resp: 483847
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.0 7.7 11.5

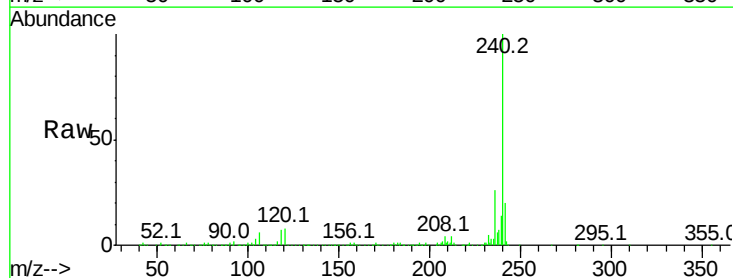


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

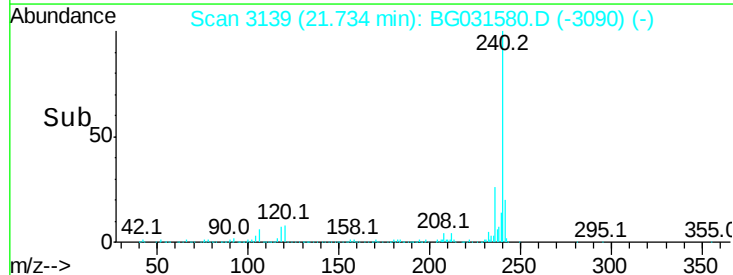
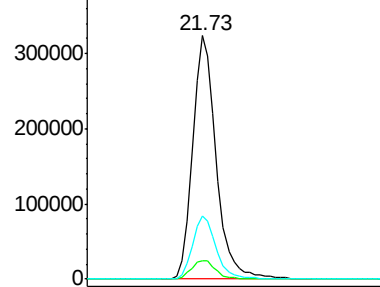


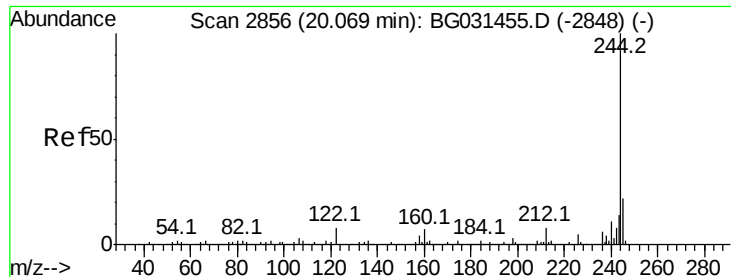
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG031580.D
Acq: 15 Dec 2017 5:14

Tgt Ion:240 Resp: 599344
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 25.8 20.9 31.3



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: 84.137 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031580.D

Acq: 15 Dec 2017 5:14

Instrument :

BNA_G

ClientSampleId :

PB105019TB

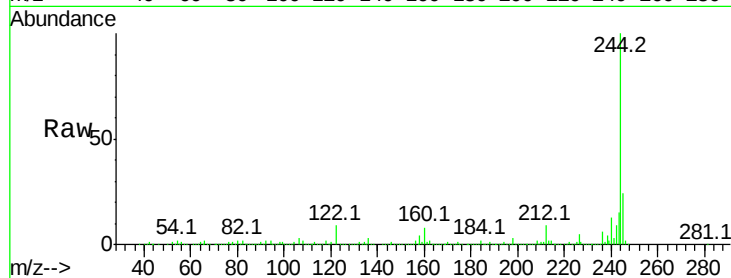
Tot Ion:244 Resp: 2216411

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

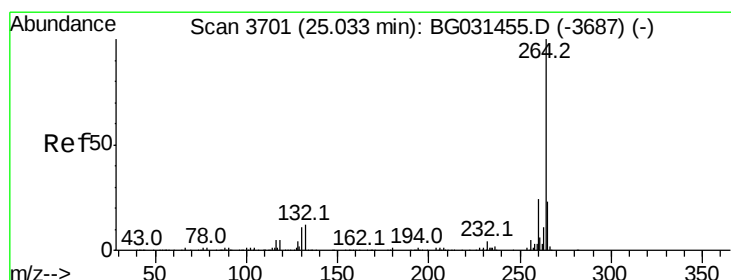
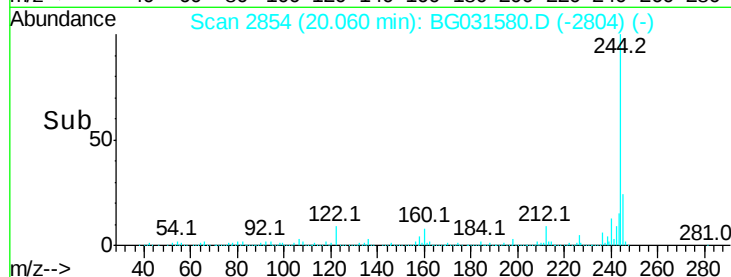
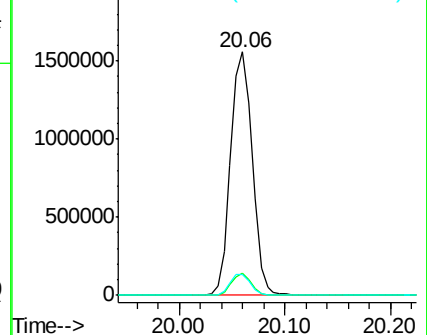
122 8.8 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031580.D

Acq: 15 Dec 2017 5:14

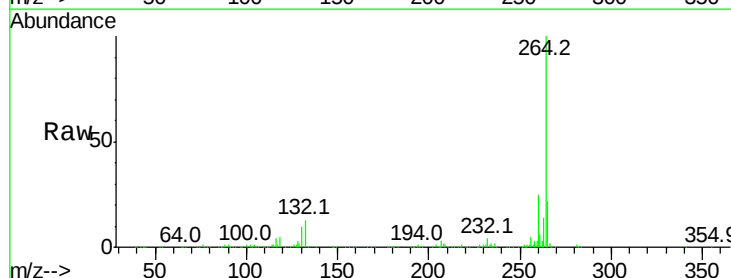
Tgt Ion:264 Resp: 508651

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 21.6 17.7 26.5



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

