

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030558.D
 Acq On : 29 Oct 2017 12:01
 Operator : SJ/JU
 Sample : I6094-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 07:00:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	77950	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	337158	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	222867	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	526837	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	561024	20.00	ng	-0.01
86) Perylene-d12	25.10	264	554450	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	668134	143.19	ng	0.00
7) Phenol-d6	7.32	99	836915	127.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	566597	106.79	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	390276	135.63	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1504904	99.04	ng	0.00
78) Terphenyl-d14	20.11	244	2292047	92.94	ng	0.00

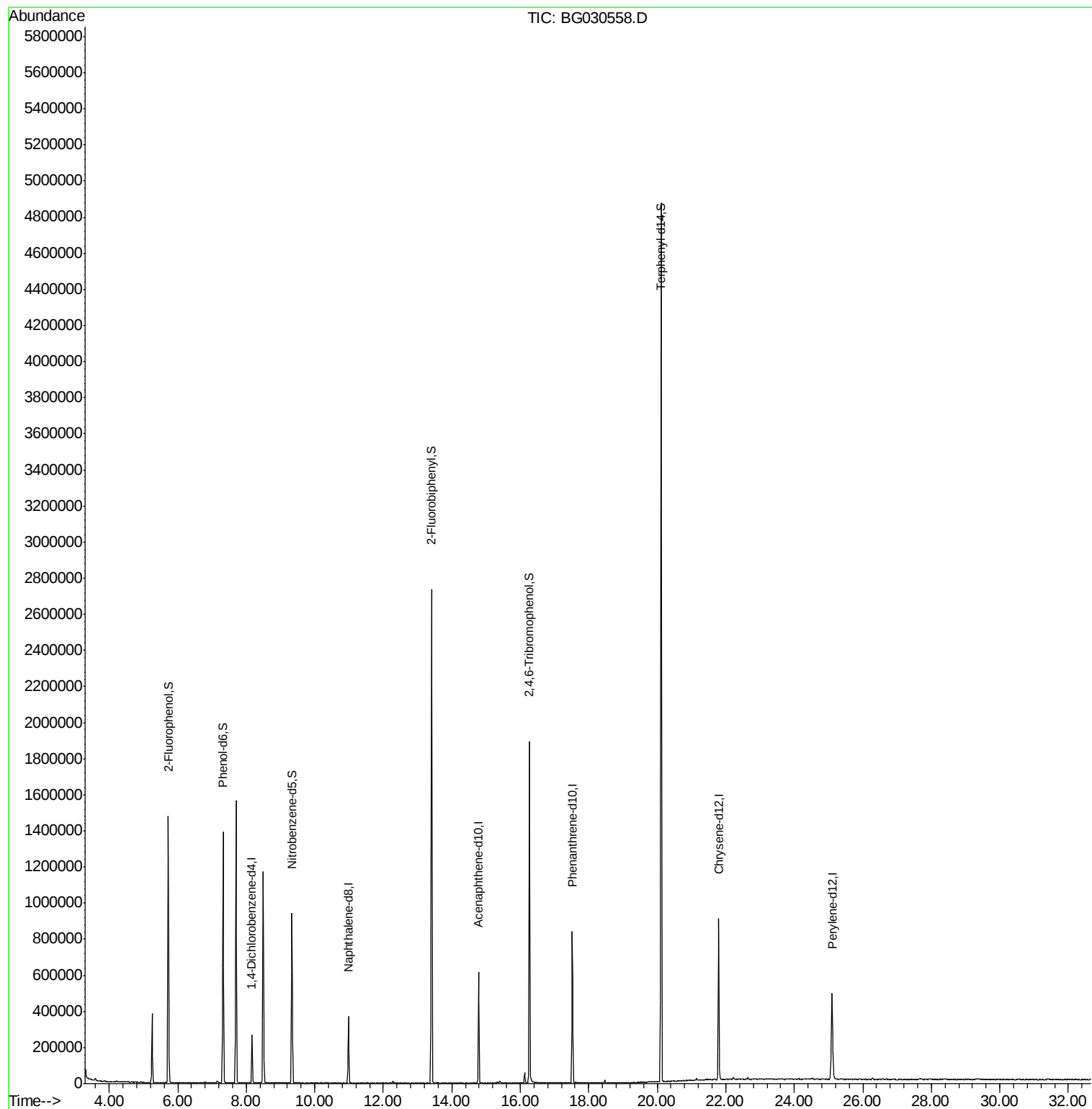
Target Compounds	Qvalue
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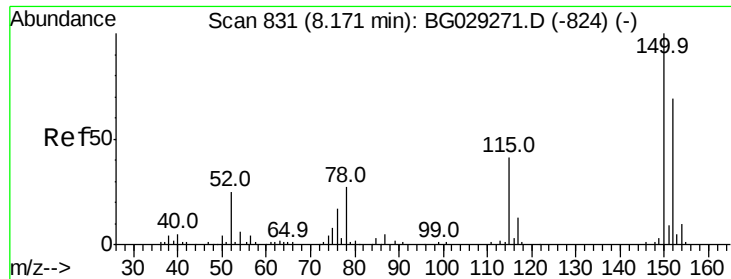
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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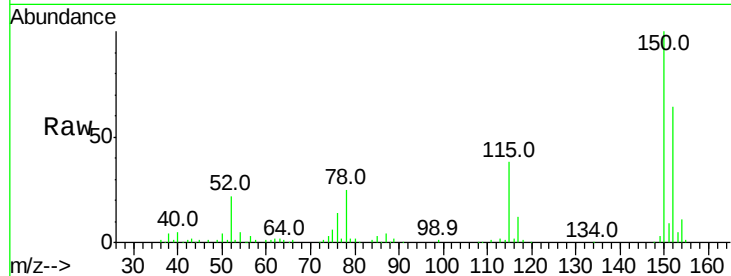


#1

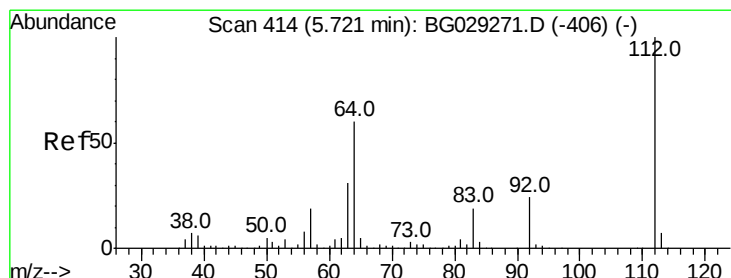
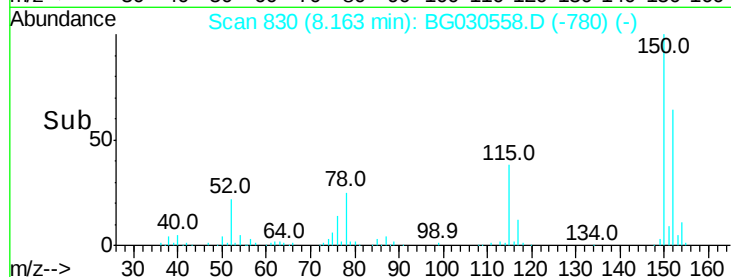
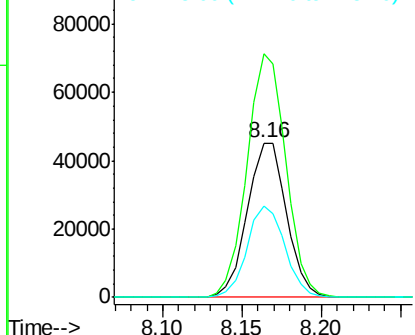
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030558.D
Acq: 29 Oct 2017 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 77950
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 59.4 53.0 79.4



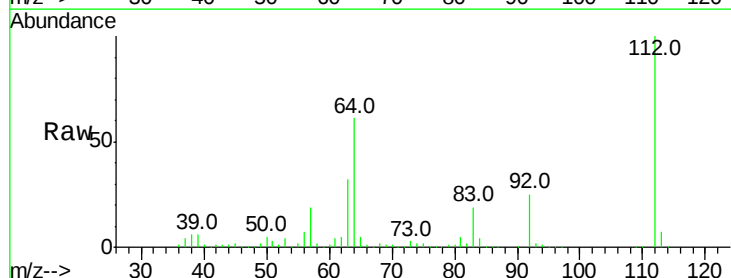
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



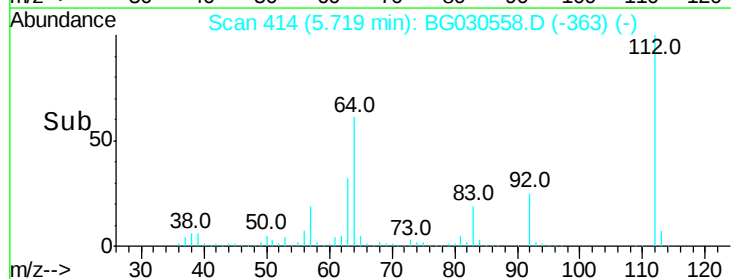
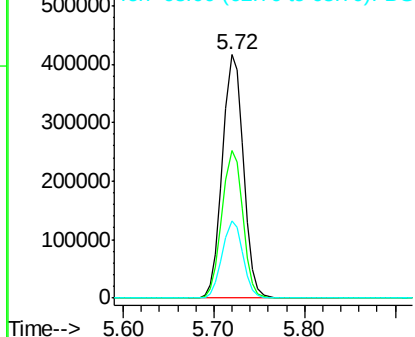
#5

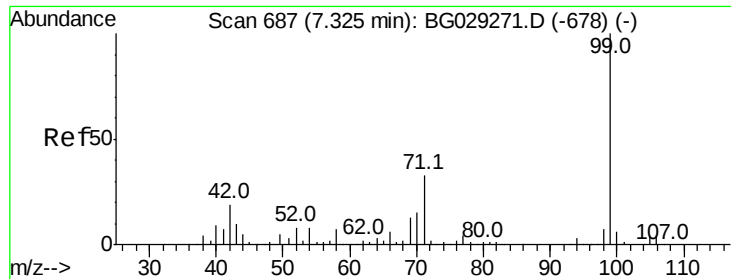
2-Fluorophenol
Concen: 143.188 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030558.D
Acq: 29 Oct 2017 12:01

Tgt Ion:112 Resp: 668134
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.781 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030558.D

Acq: 29 Oct 2017 12:01

Instrument :

BNA_G

ClientSampleId :

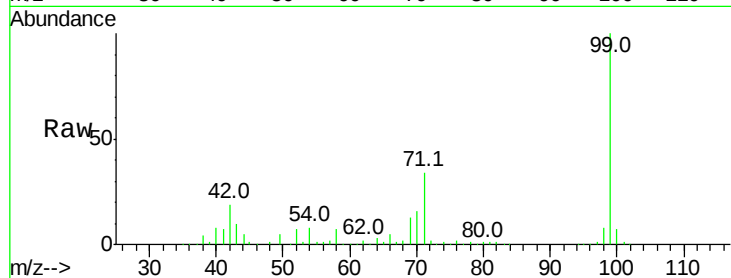
Tot Ion: 99 Resp: 836915

Ion Ratio Lower Upper

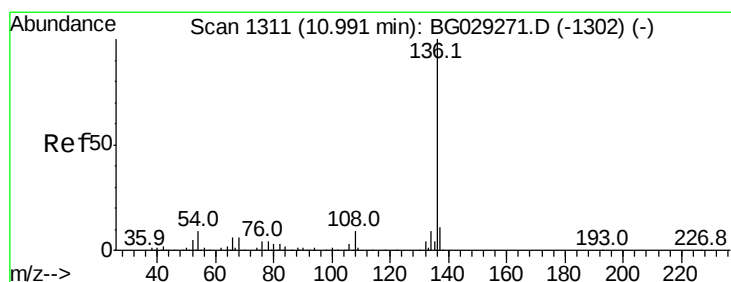
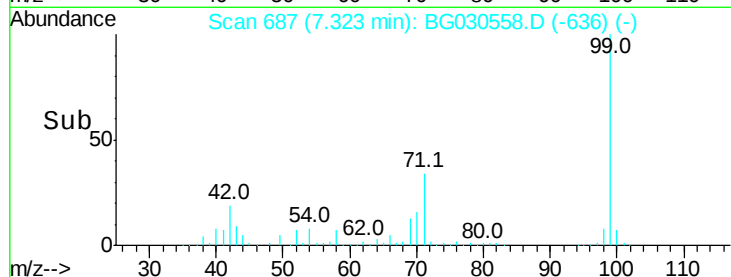
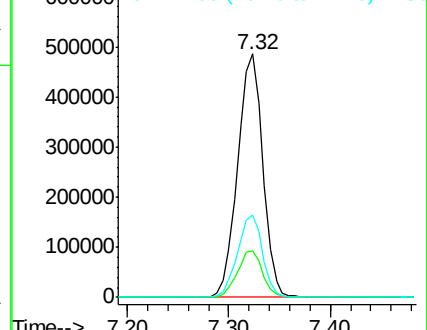
99 100

42 19.2 14.1 21.1

71 33.8 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: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030558.D

Acq: 29 Oct 2017 12:01

Tgt Ion: 136 Resp: 337158

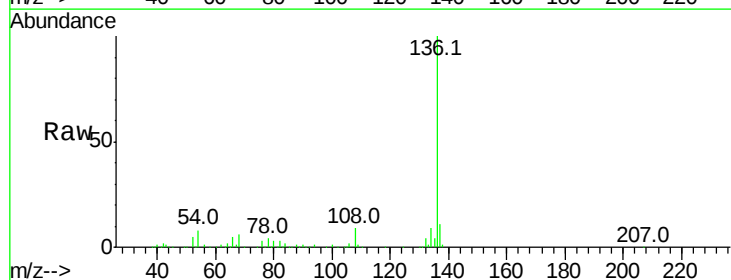
Ion Ratio Lower Upper

136 100

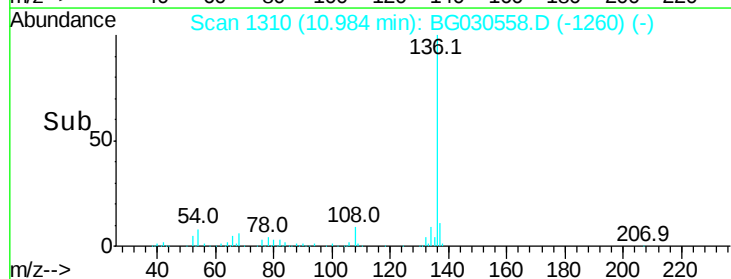
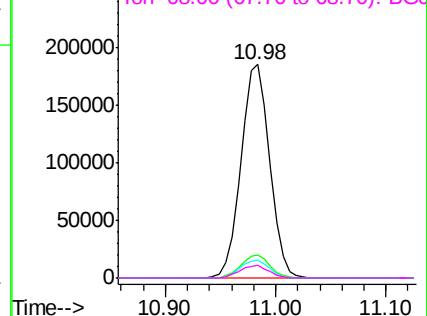
137 10.8 9.2 13.8

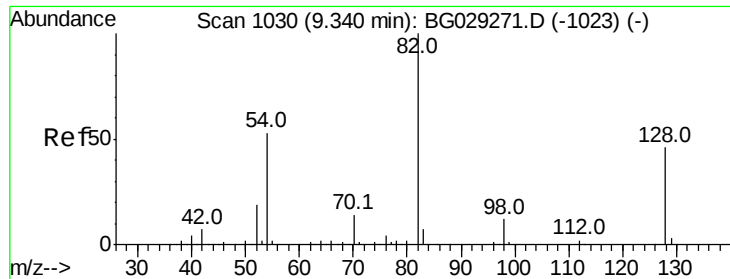
54 8.1 10.3 15.5#

68 6.1 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

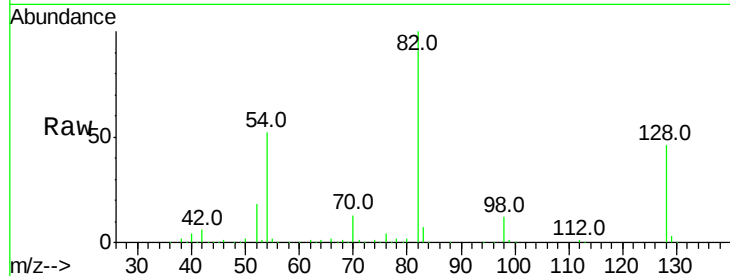




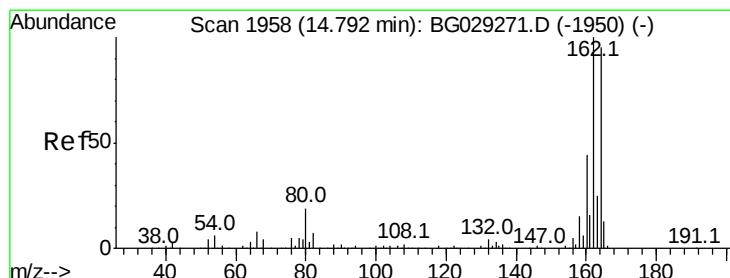
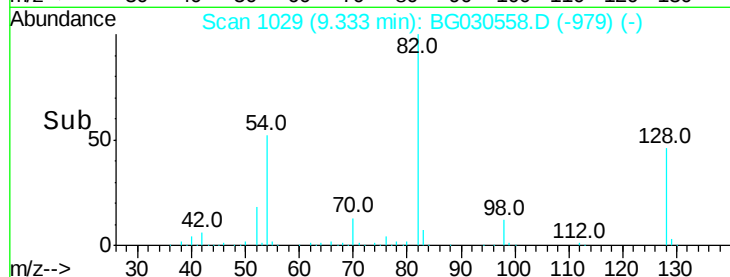
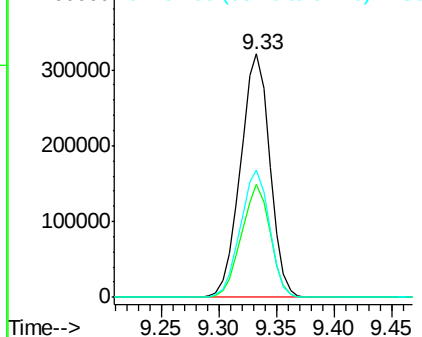
#23
Nitrobenzene-d5
Concen: 106.792 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030558.D
Acq: 29 Oct 2017 12:01

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 566597
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 52.3 43.1 64.7

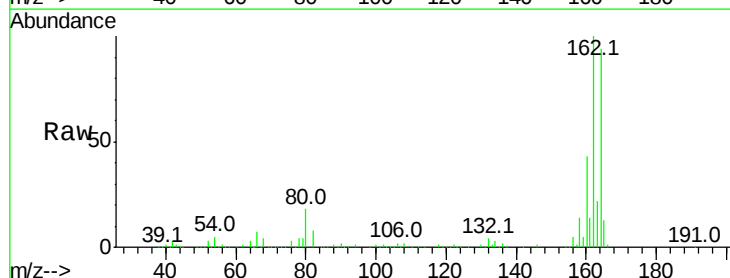


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

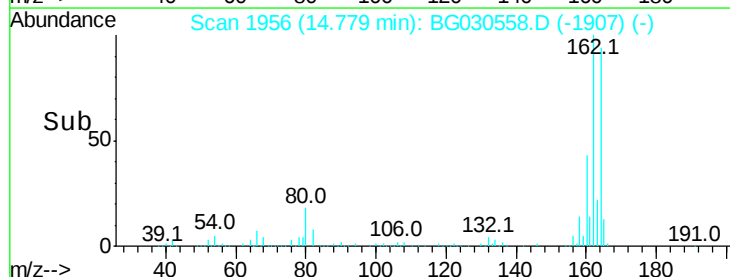
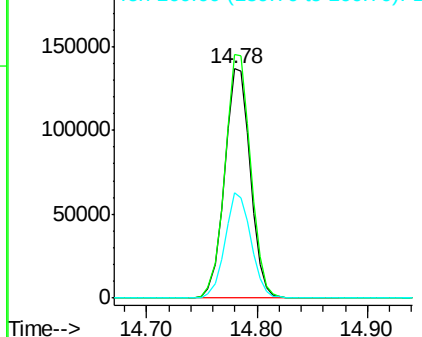


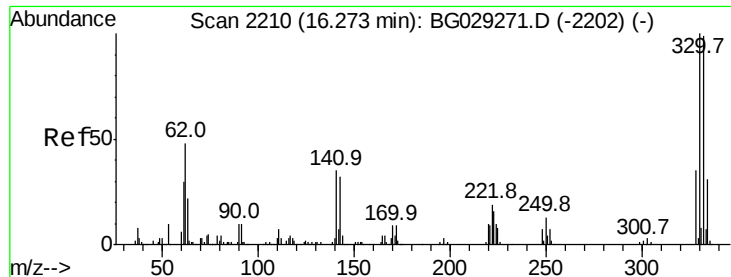
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030558.D
Acq: 29 Oct 2017 12:01

Tgt Ion:164 Resp: 222867
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 46.0 35.4 53.0



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

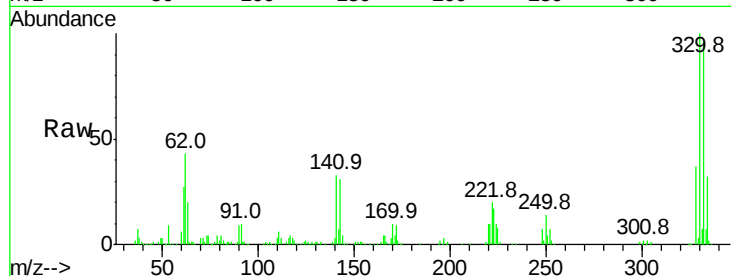




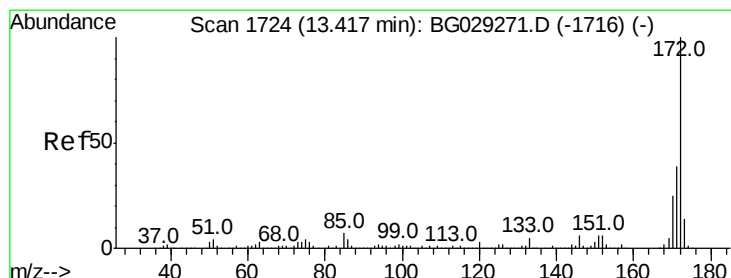
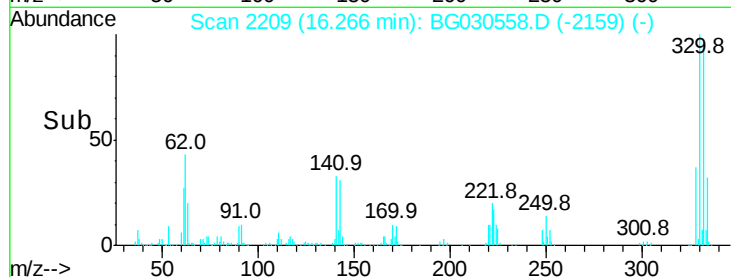
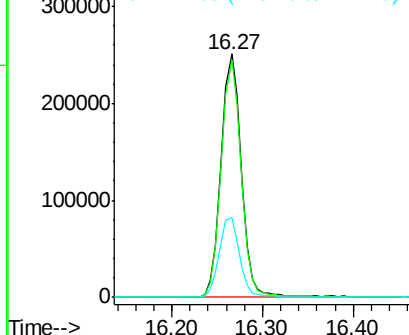
#41
 2,4,6-Tribromophenol
 Concen: 135.633 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030558.D
 Acq: 29 Oct 2017 12:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.9	25.2	37.8

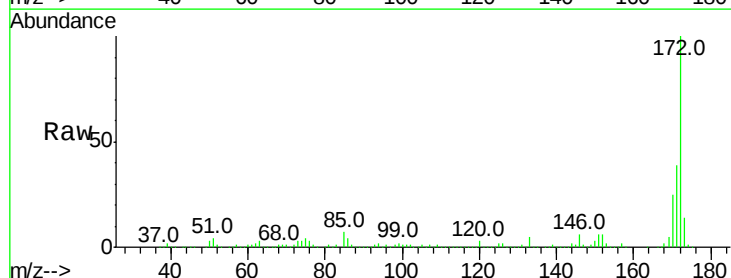


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

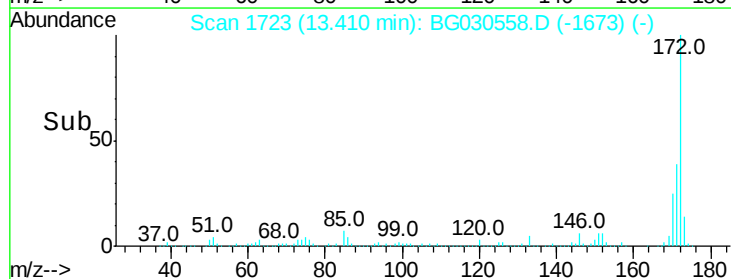
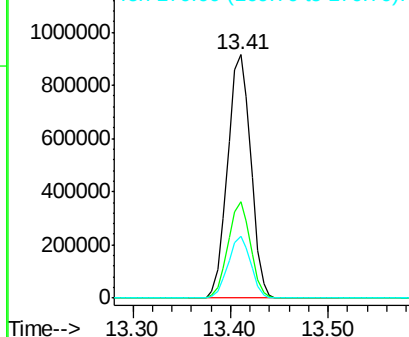


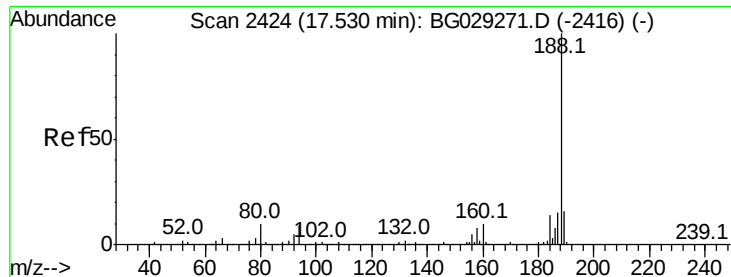
#44
 2-Fluorobiphenyl
 Concen: 99.035 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030558.D
 Acq: 29 Oct 2017 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	25.2	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

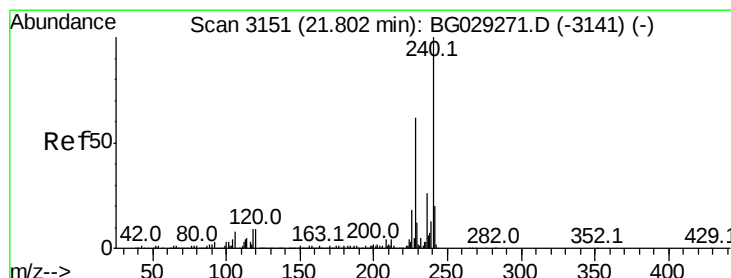
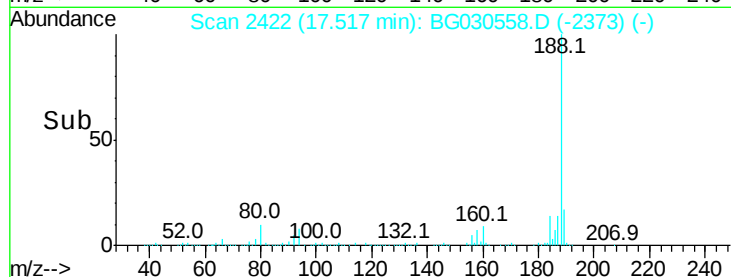
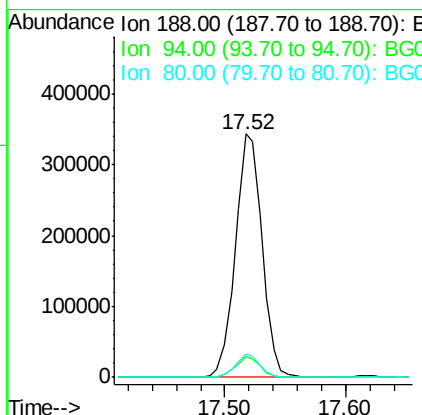
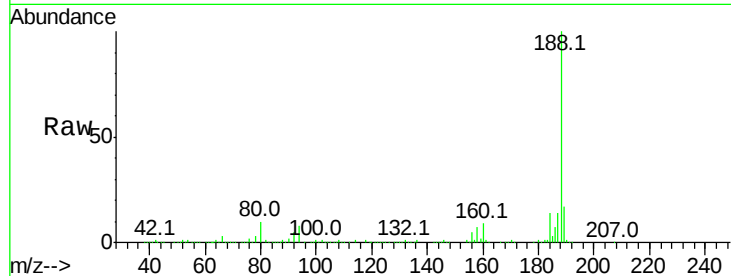




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030558.D
 Acq: 29 Oct 2017 12:01

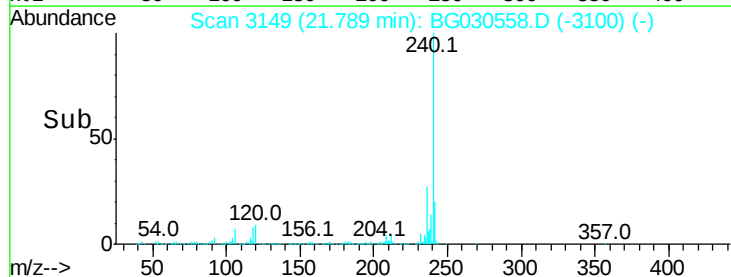
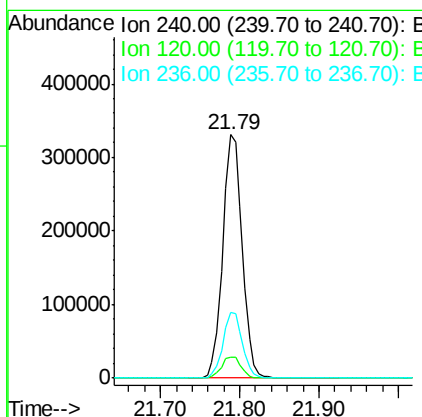
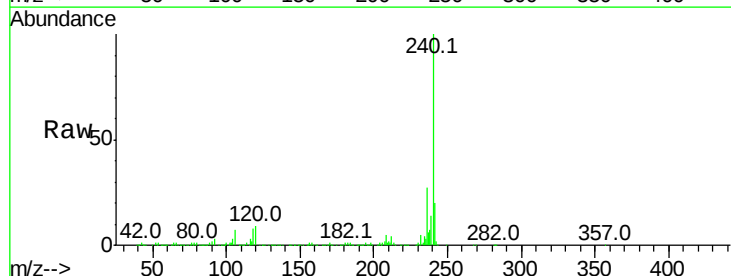
Instrument :
 BNA_G
 ClientSampleId :

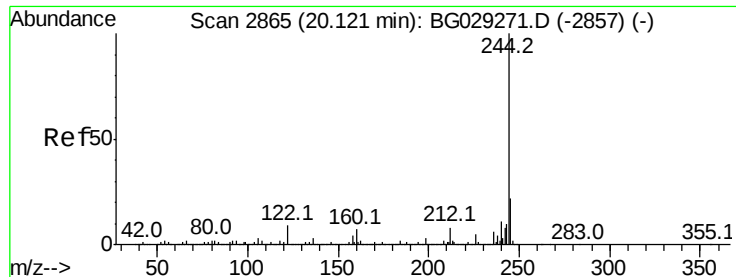
Tot Ion:188 Resp: 526837
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 9.5 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG030558.D
 Acq: 29 Oct 2017 12:01

Tgt Ion:240 Resp: 561024
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.8 10.2
 236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 92.942 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030558.D

Acq: 29 Oct 2017 12:01

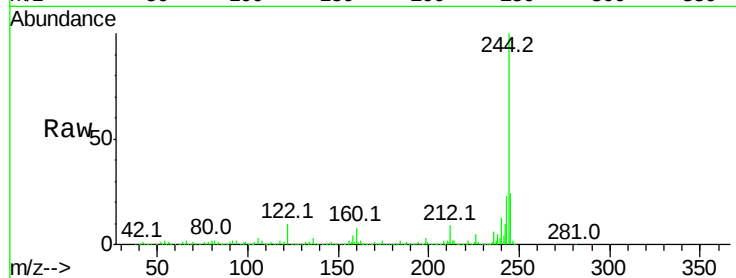
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2292047

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.7	7.0	10.4

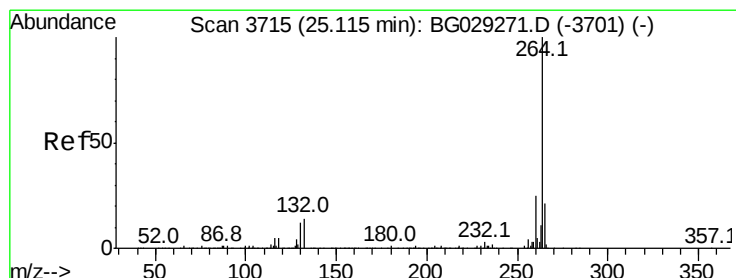
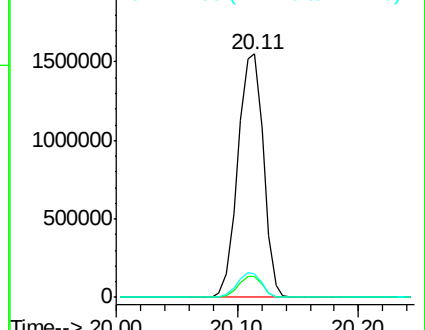
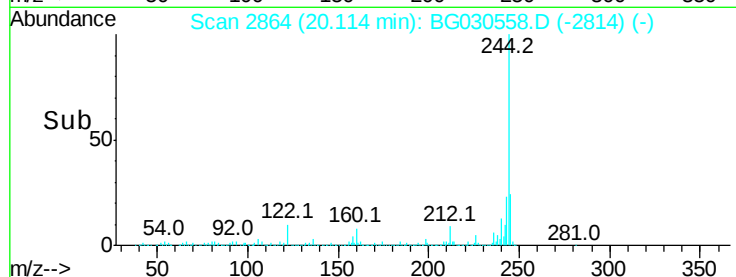


Abundance

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: 25.10 min Scan# 3713

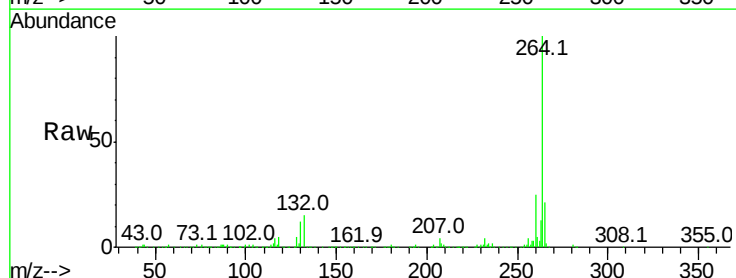
Delta R.T. -0.01 min

Lab File: BG030558.D

Acq: 29 Oct 2017 12:01

Tgt Ion:264 Resp: 554450

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	20.9	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

