

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031439.D
 Acq On : 9 Dec 2017 4:07
 Operator : SJ/JU
 Sample : I6680-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 05:46:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44253	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	187401	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	125766	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	354445	20.00	ng	0.00
75) Chrysene-d12	21.77	240	418708	20.00	ng	0.00
86) Perylene-d12	25.07	264	390201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	327995	127.09	ng	0.00
7) Phenol-d6	7.29	99	398165	114.52	ng	0.00
23) Nitrobenzene-d5	9.29	82	300532	95.03	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	214316	105.34	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	828492	94.66	ng	0.00
78) Terphenyl-d14	20.08	244	1788390	94.31	ng	0.00

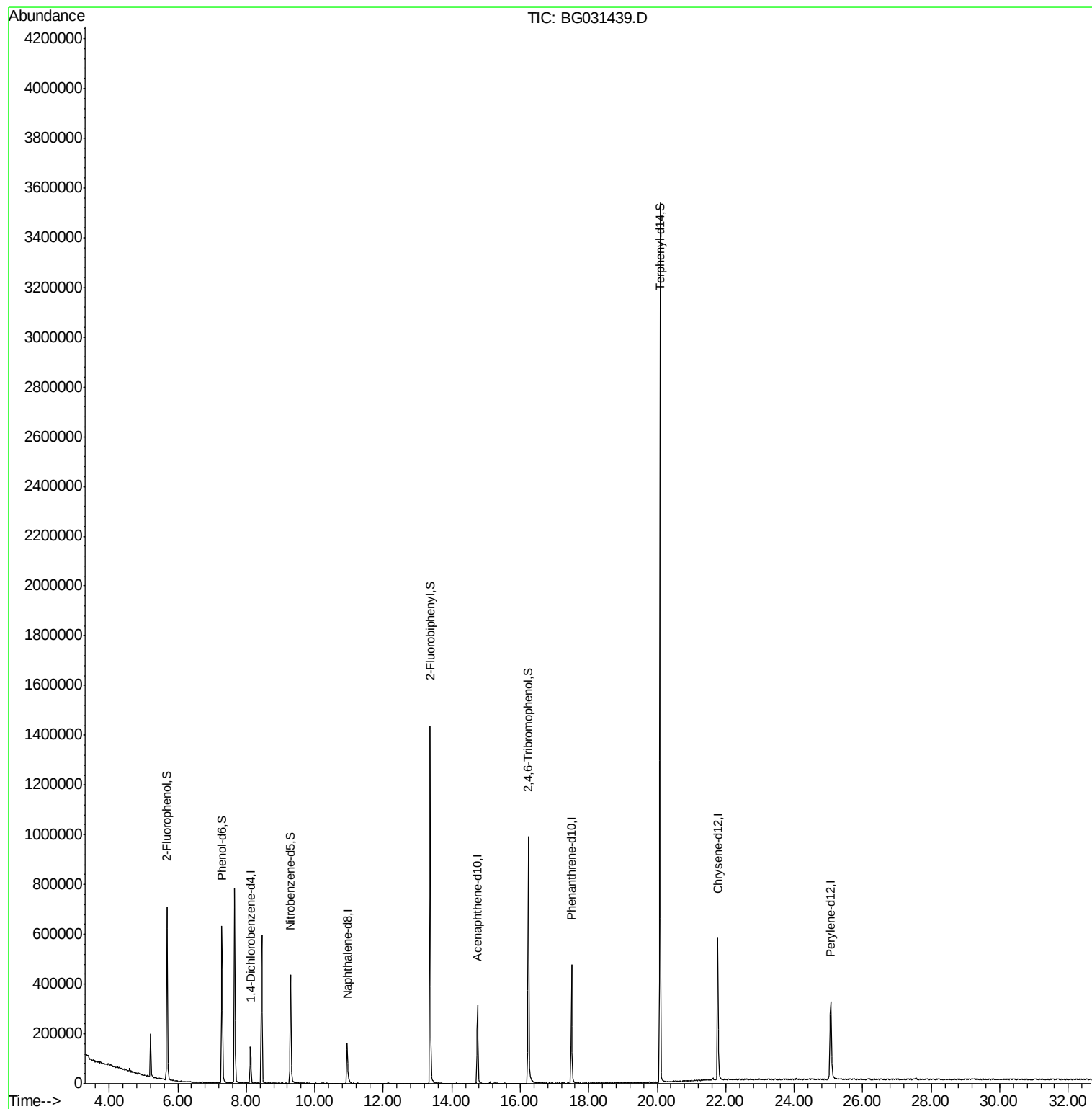
Target Compounds Qvalue

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

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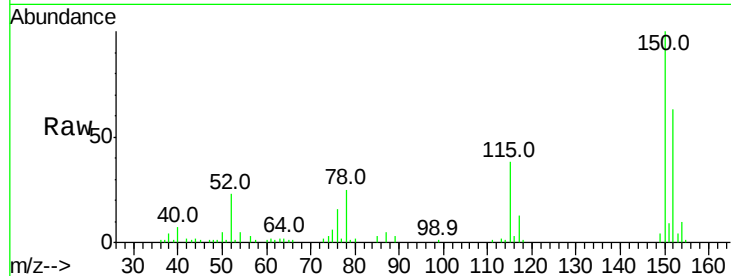


#1

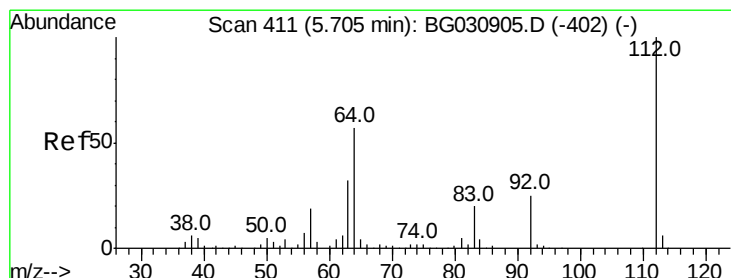
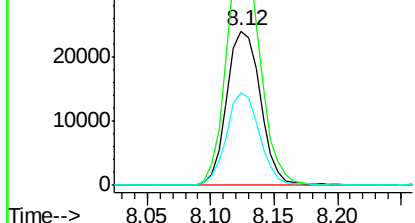
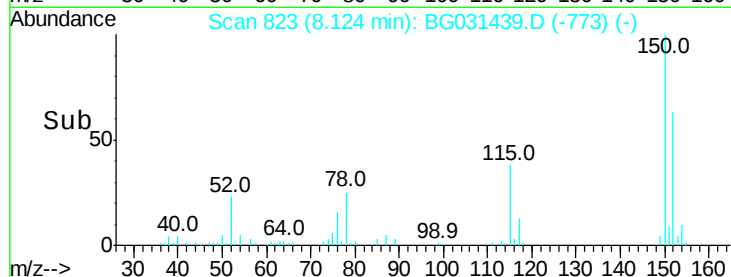
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031439.D
Acq: 9 Dec 2017 4:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44253
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 59.7 53.0 79.4



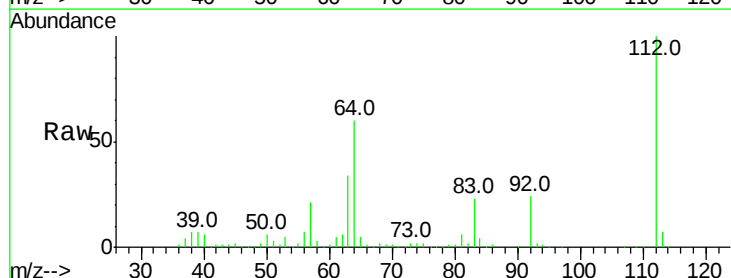
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



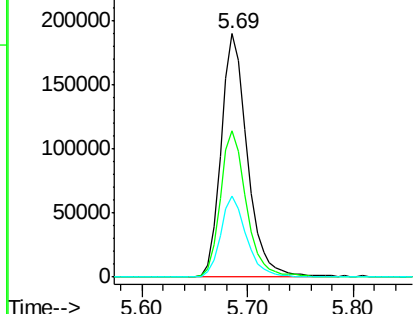
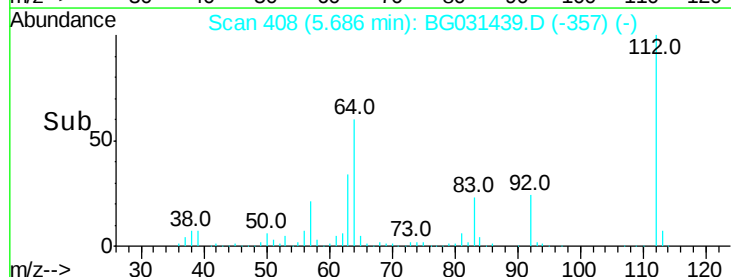
#5

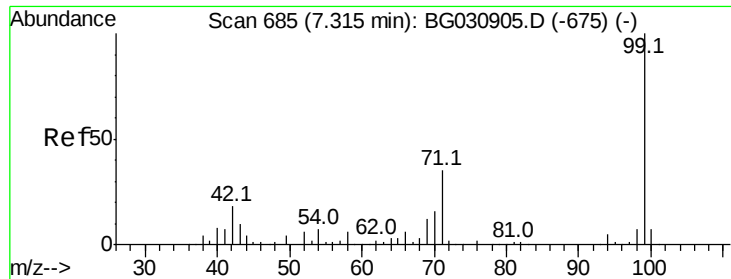
2-Fluorophenol
Concen: 127.095 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031439.D
Acq: 9 Dec 2017 4:07

Tgt Ion:112 Resp: 327995
Ion Ratio Lower Upper
112 100
64 60.1 56.3 84.5
63 33.5 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: 114.521 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031439.D

Acq: 9 Dec 2017 4:07

Instrument :

BNA_G

ClientSampleId :

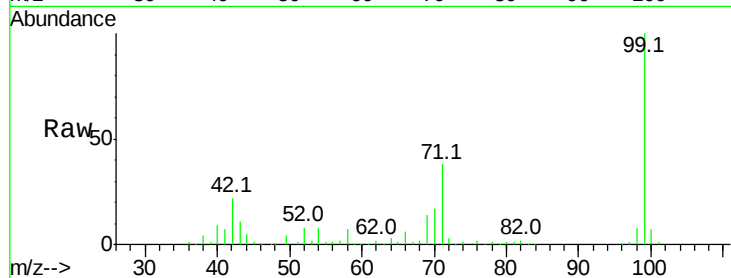
Tot Ion: 99 Resp: 398165

Ion Ratio Lower Upper

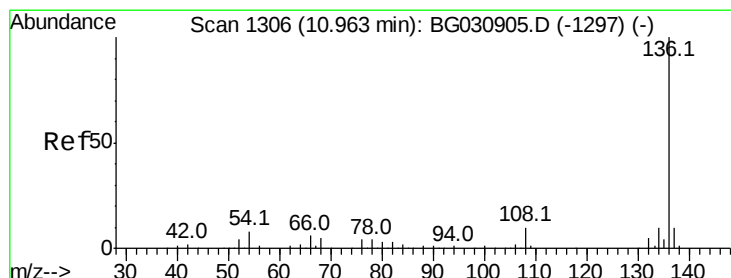
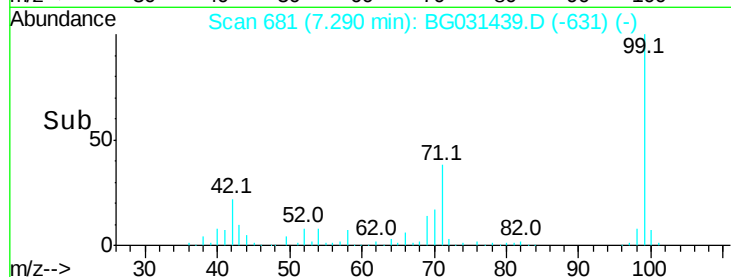
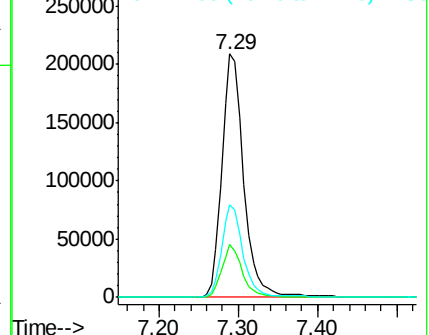
99 100

42 21.9 14.1 21.1#

71 38.1 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031439.D

Acq: 9 Dec 2017 4:07

Tgt Ion:136 Resp: 187401

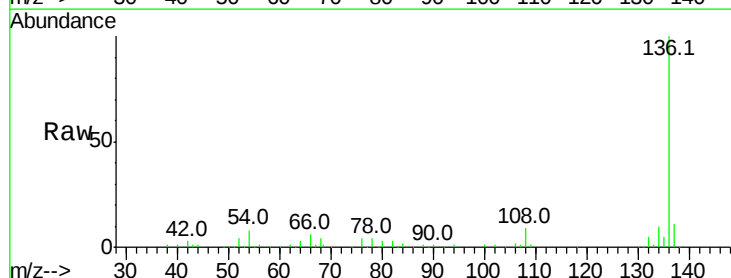
Ion Ratio Lower Upper

136 100

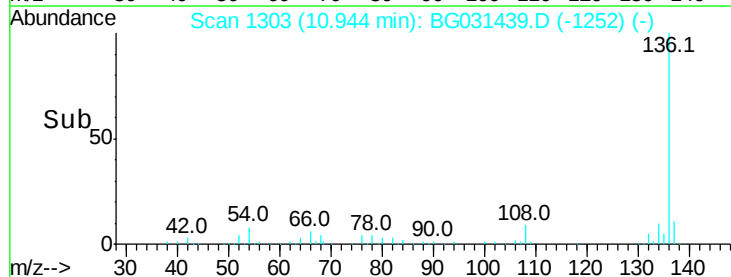
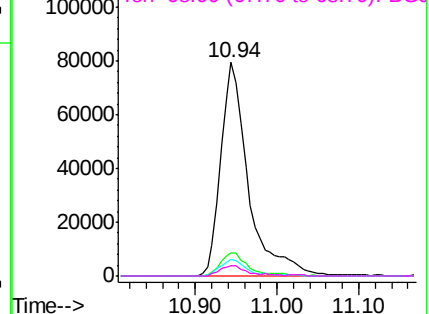
137 10.6 9.2 13.8

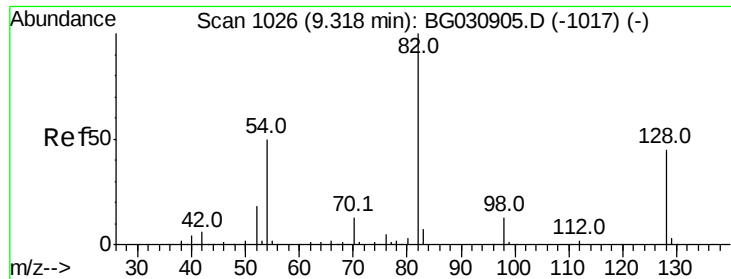
54 7.8 10.3 15.5#

68 5.0 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

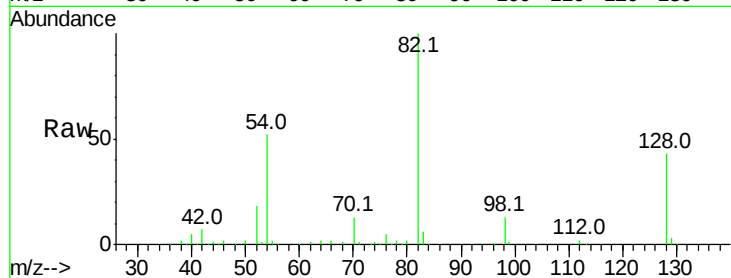




#23
 Nitrobenzene-d5
 Concen: 95.028 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031439.D
 Acq: 9 Dec 2017 4:07

Instrument :
 BNA_G
 ClientSampleId :

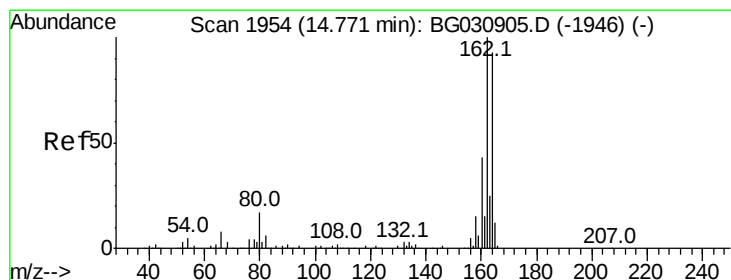
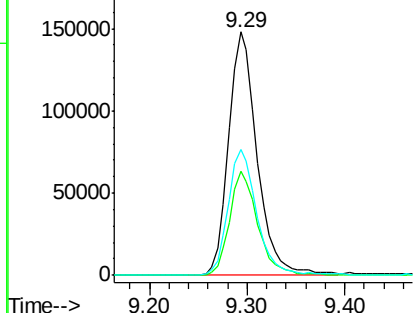
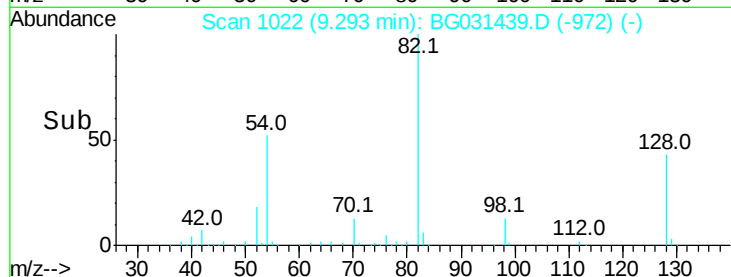
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	51.9	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG031439.D (-972) (-)

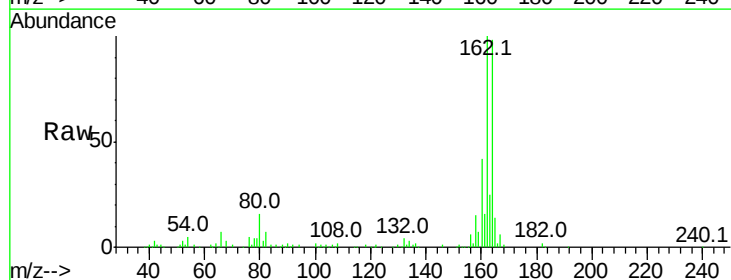
Ion 128.00 (127.70 to 128.70): BG031439.D (-972) (-)

Ion 54.00 (53.70 to 54.70): BG031439.D (-972) (-)



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031439.D
 Acq: 9 Dec 2017 4:07

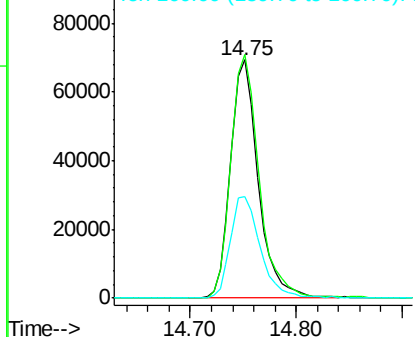
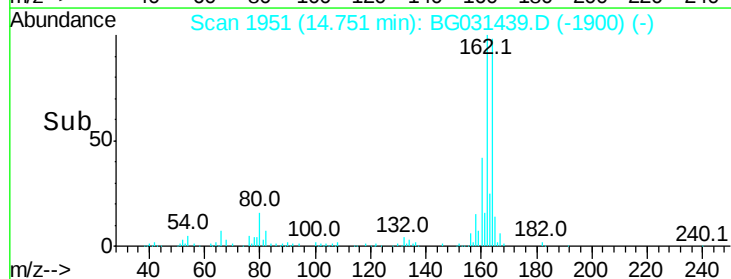
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	42.7	35.4	53.0

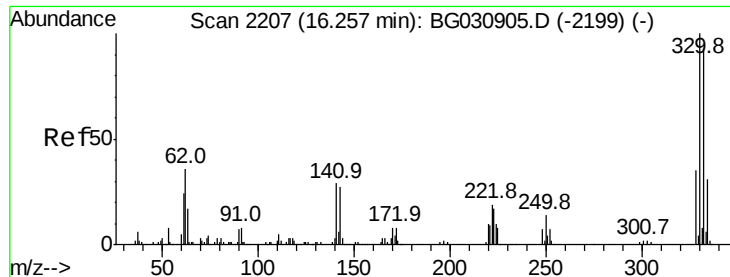


Abundance Ion 164.00 (163.70 to 164.70): BG031439.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BG031439.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BG031439.D (-1900) (-)

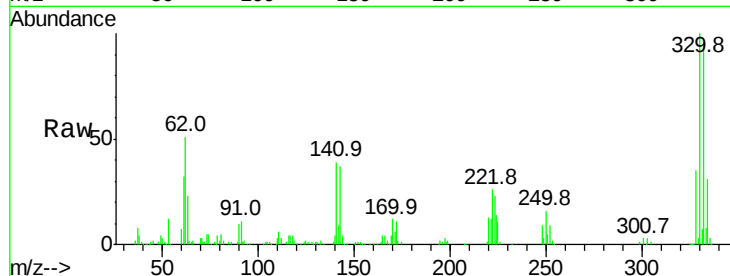




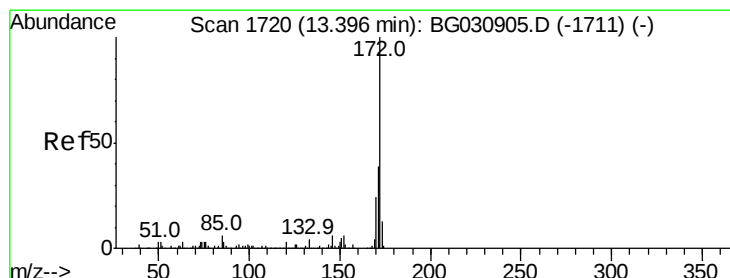
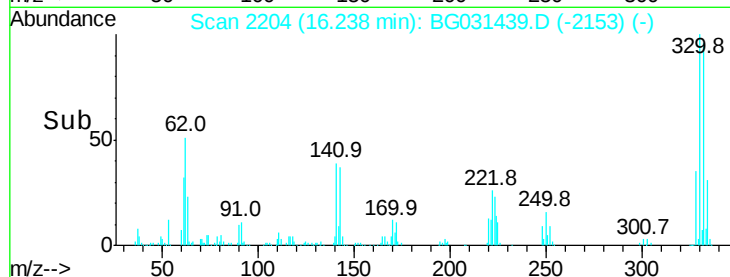
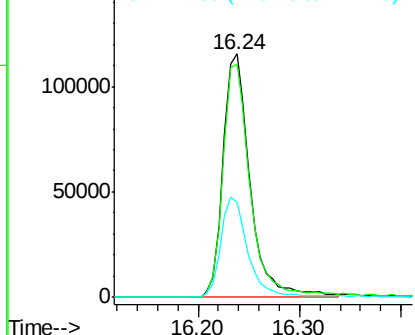
#41
 2,4,6-Tribromophenol
 Concen: 105.342 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031439.D
 Acq: 9 Dec 2017 4:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	41.7	25.2	37.8#

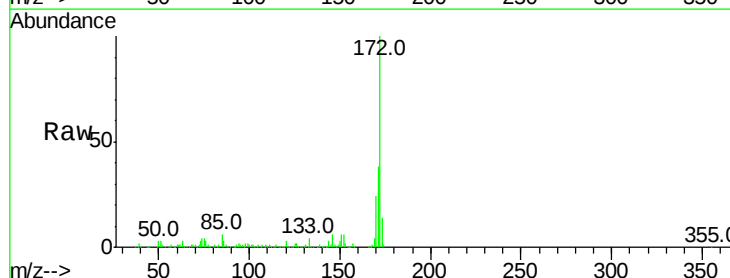


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

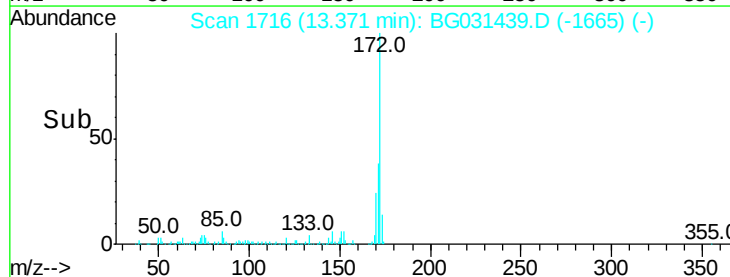
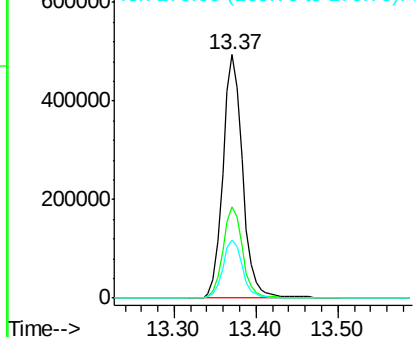


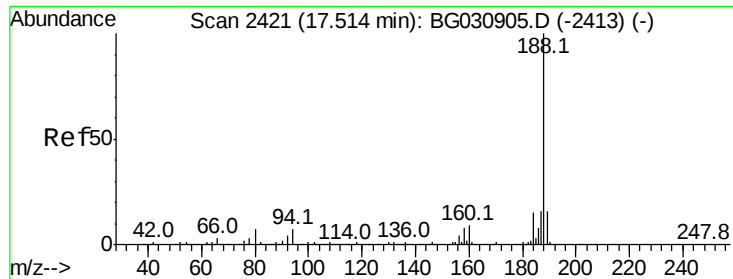
#44
 2-Fluorobiphenyl
 Concen: 94.656 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031439.D
 Acq: 9 Dec 2017 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	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

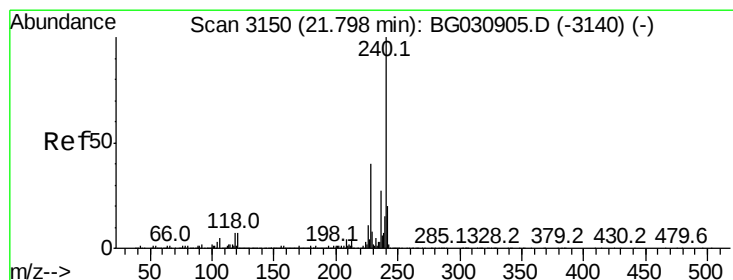
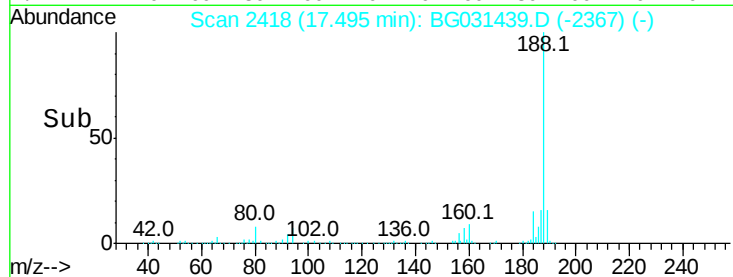
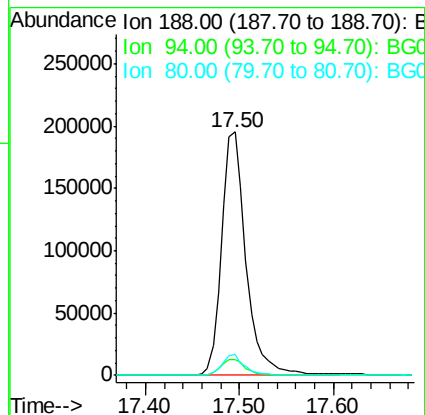
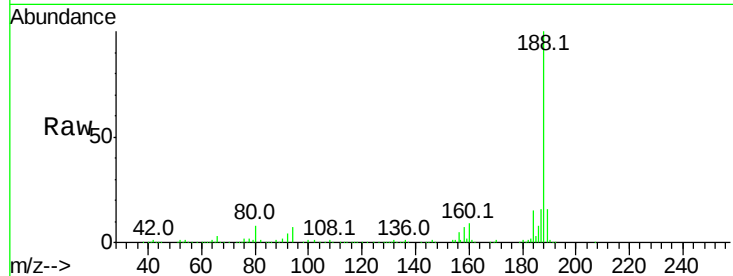




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031439.D
Acq: 9 Dec 2017 4:07

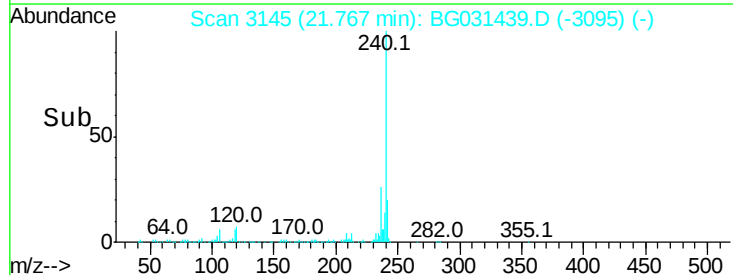
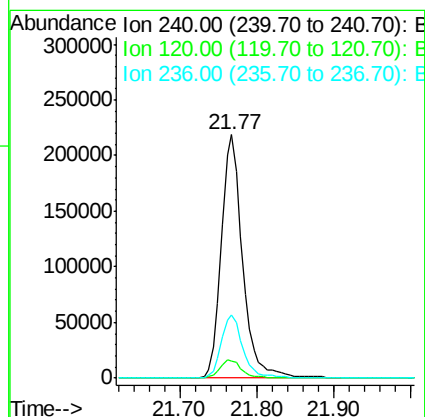
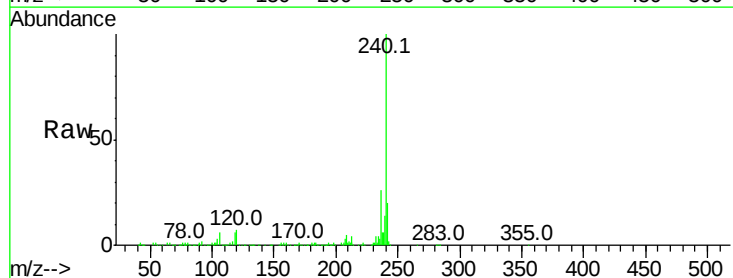
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 354445
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031439.D
Acq: 9 Dec 2017 4:07

Tgt Ion:240 Resp: 418708
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 94.312 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031439.D

Acq: 9 Dec 2017 4:07

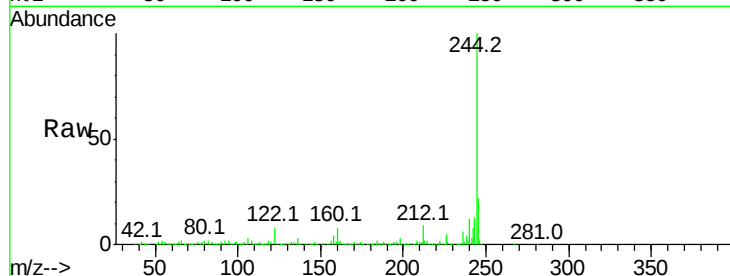
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1788390

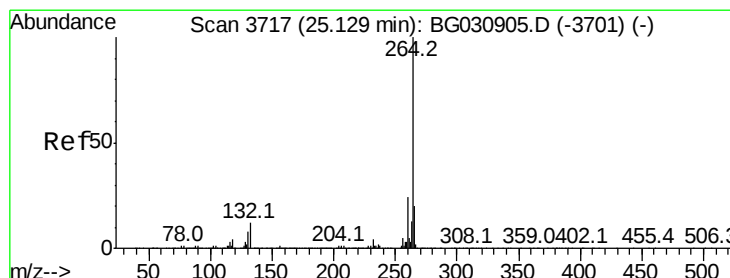
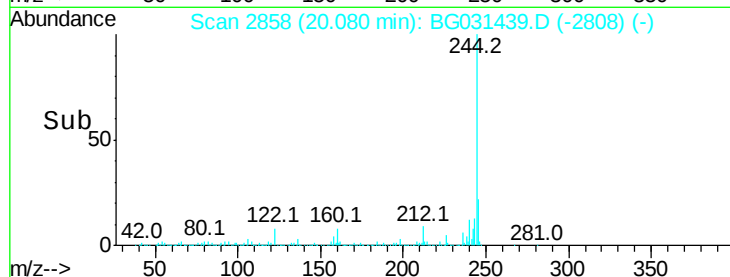
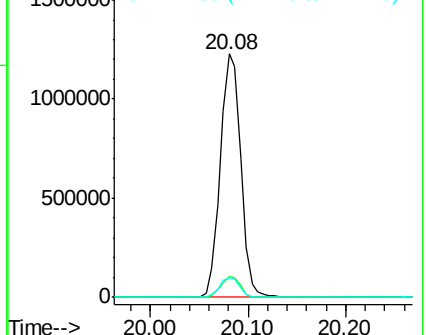
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.3	7.0	10.4



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: 25.07 min Scan# 3707

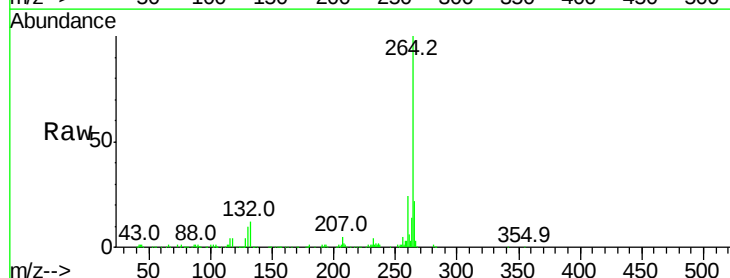
Delta R.T. 0.00 min

Lab File: BG031439.D

Acq: 9 Dec 2017 4:07

Tgt Ion:264 Resp: 390201

Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

