

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031436.D
 Acq On : 9 Dec 2017 2:14
 Operator : SJ/JU
 Sample : I6680-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 03:01:58 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	8.13	152	50648	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	209587	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	134307	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	353789	20.00	ng	0.00
75) Chrysene-d12	21.77	240	415646	20.00	ng	0.00
86) Perylene-d12	25.07	264	384397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	382406	129.47	ng	0.00
7) Phenol-d6	7.30	99	455924	114.58	ng	0.00
23) Nitrobenzene-d5	9.29	82	339724	96.05	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	223630	102.93	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	904627	96.78	ng	0.00
78) Terphenyl-d14	20.08	244	1712501	90.98	ng	0.00

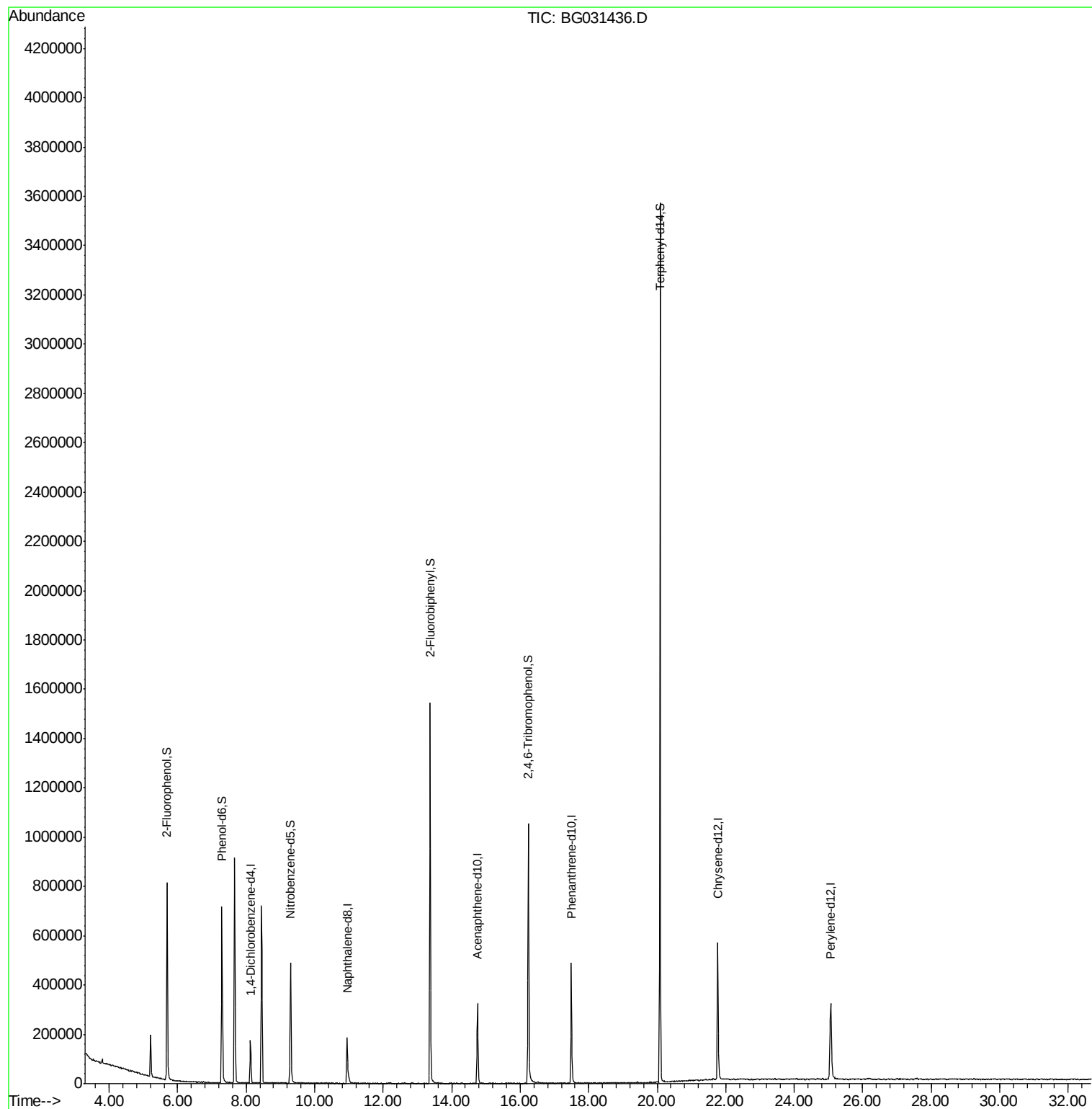
Target Compounds	Qvalue
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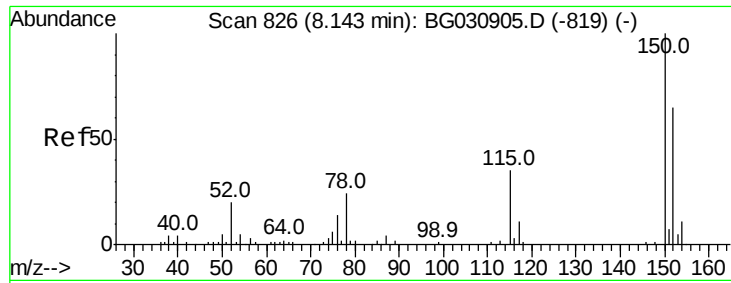
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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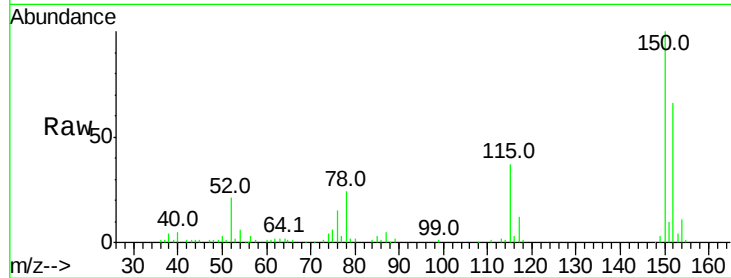


#1

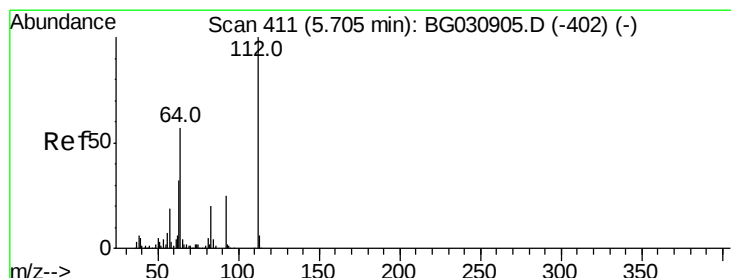
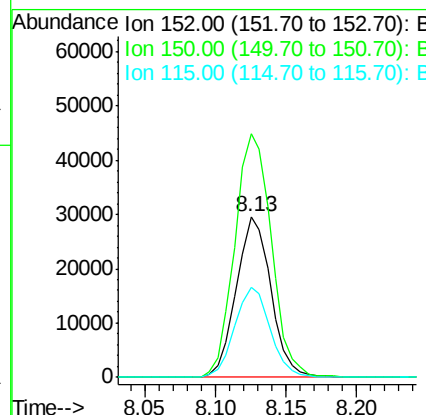
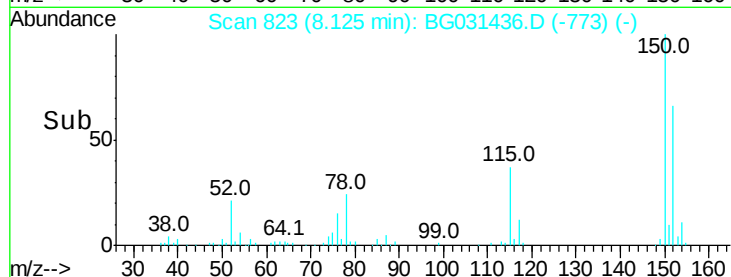
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031436.D
Acq: 9 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	55.7	53.0	79.4



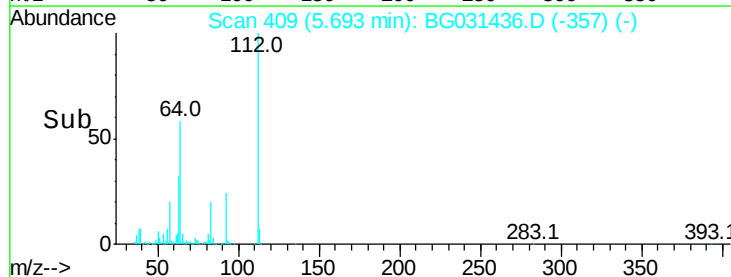
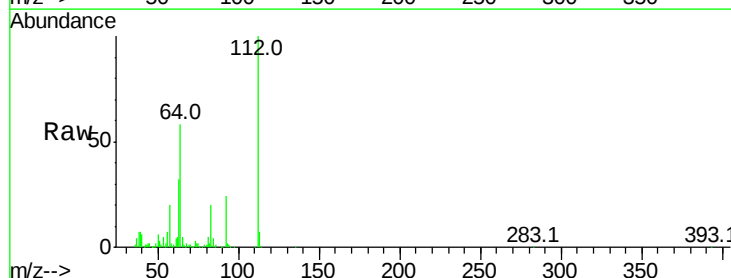
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



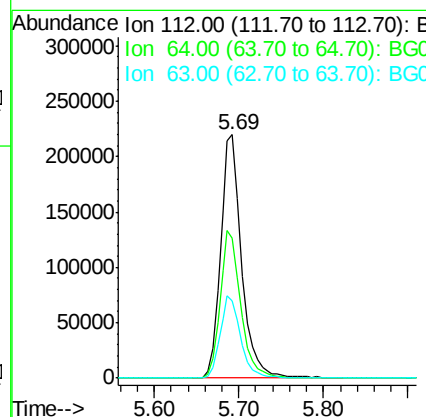
#5

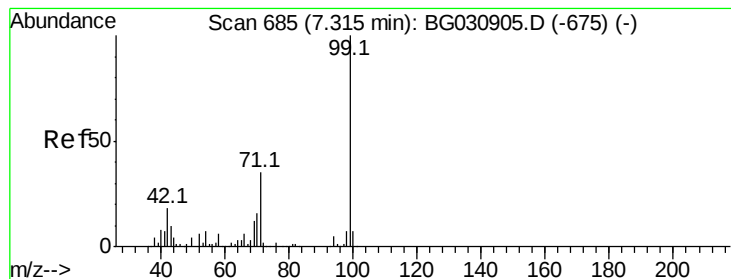
2-Fluorophenol
Concen: 129.469 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031436.D
Acq: 9 Dec 2017 2:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	56.3	84.5
63	31.7	30.1	45.1



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





#7

Phenol-d6

Concen: 114.577 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031436.D

Acq: 9 Dec 2017 2:14

Instrument :

BNA_G

ClientSampleId :

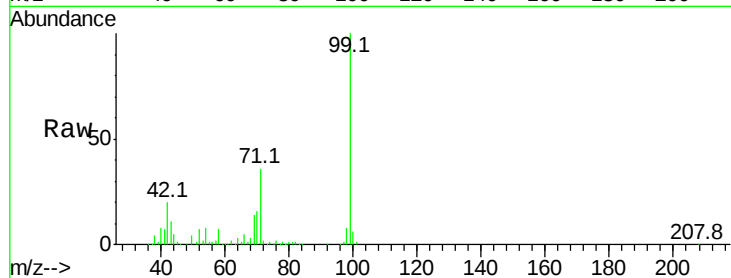
Tot Ion: 99 Resp: 455924

Ion Ratio Lower Upper

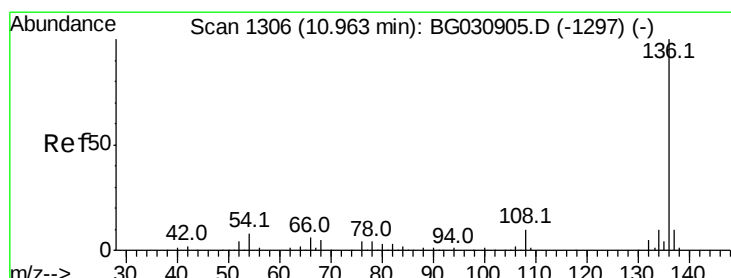
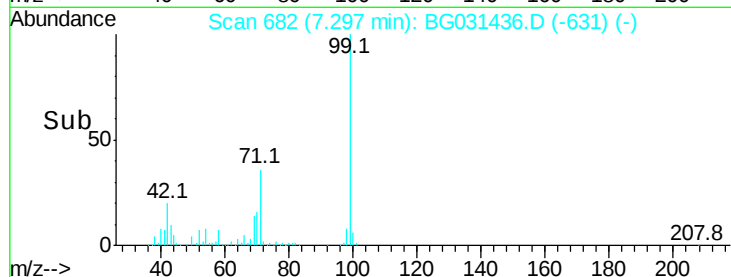
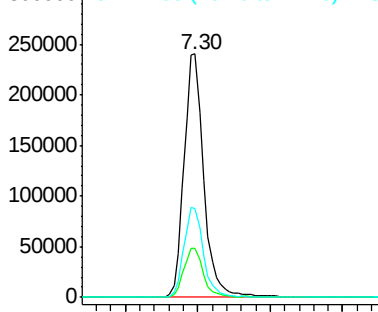
99 100

42 20.0 14.1 21.1

71 36.5 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031436.D

Acq: 9 Dec 2017 2:14

Tgt Ion: 136 Resp: 209587

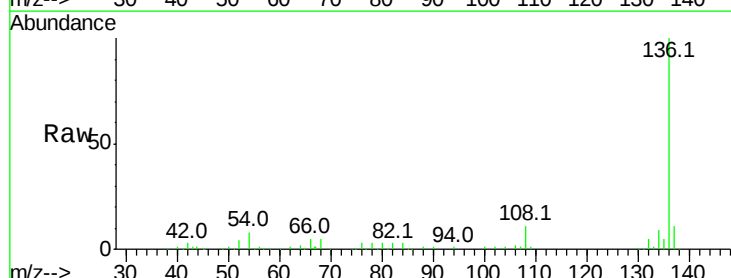
Ion Ratio Lower Upper

136 100

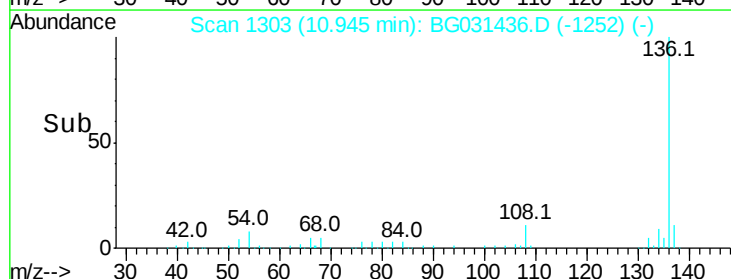
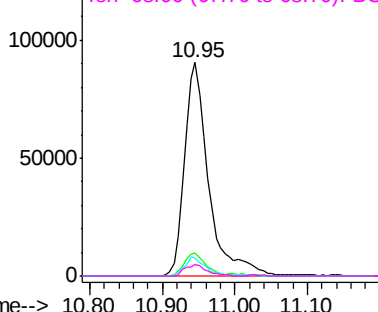
137 10.7 9.2 13.8

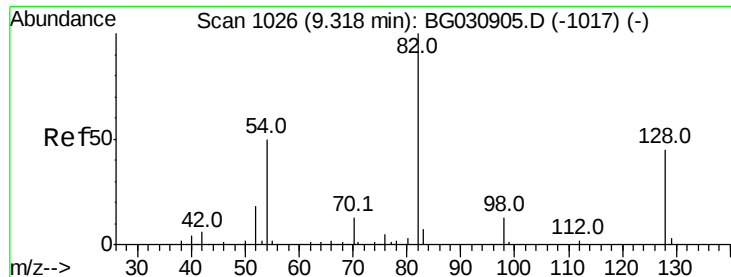
54 8.4 10.3 15.5#

68 5.4 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

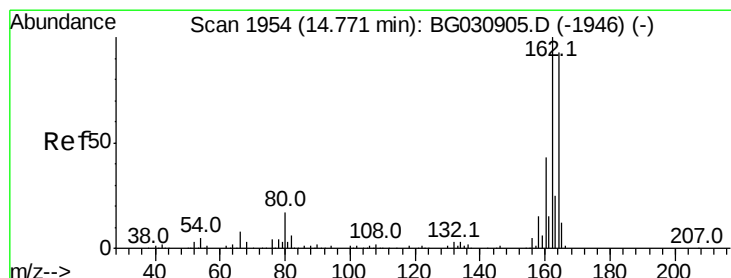
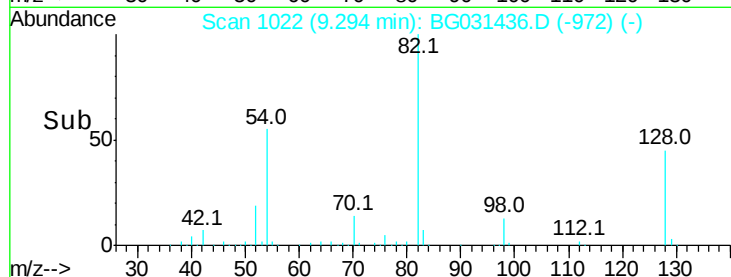
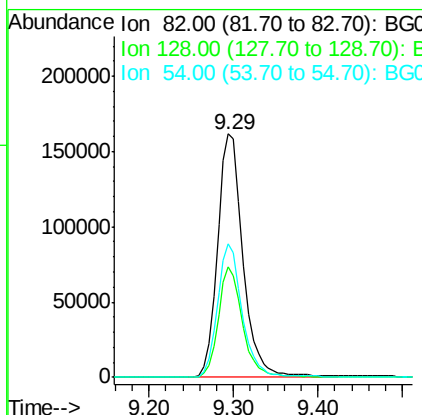
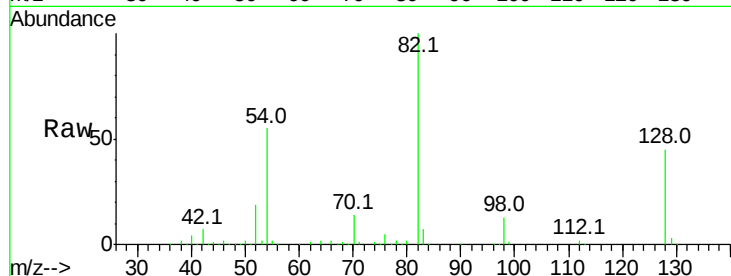




#23
Nitrobenzene-d5
Concen: 96.050 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031436.D
Acq: 9 Dec 2017 2:14

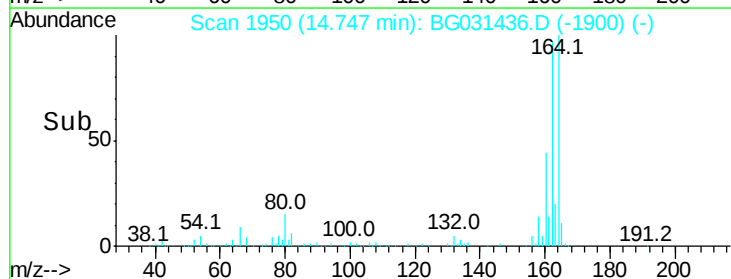
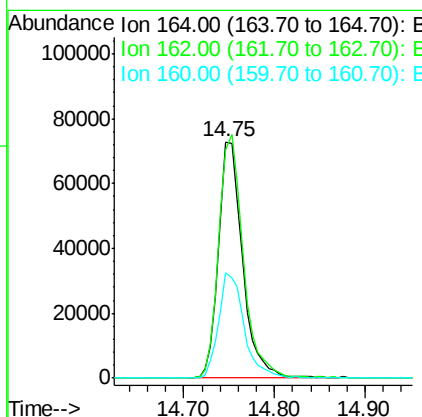
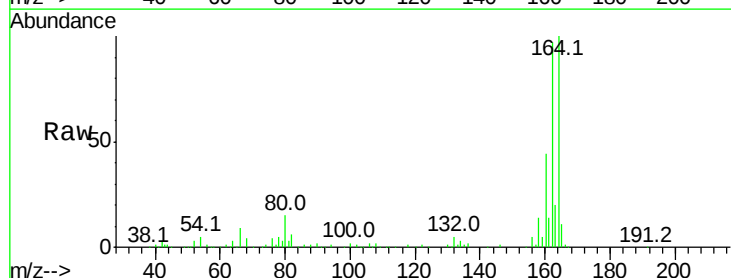
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 339724
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 55.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031436.D
Acq: 9 Dec 2017 2:14

Tgt Ion:164 Resp: 134307
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 44.5 35.4 53.0

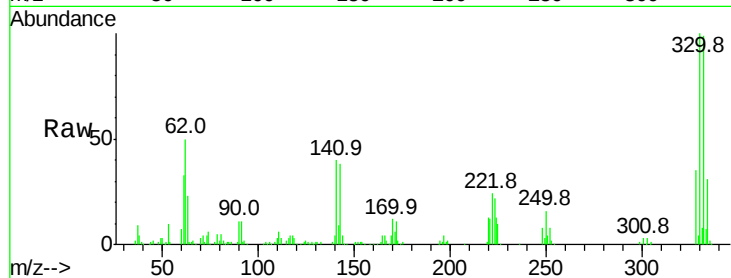




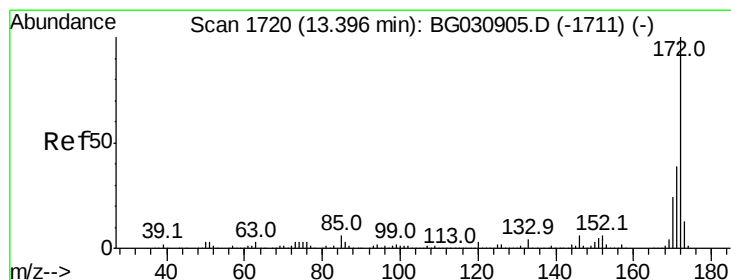
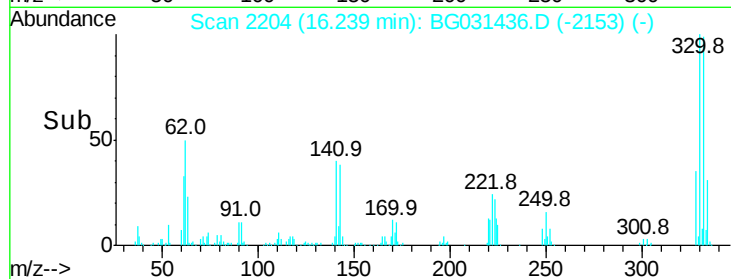
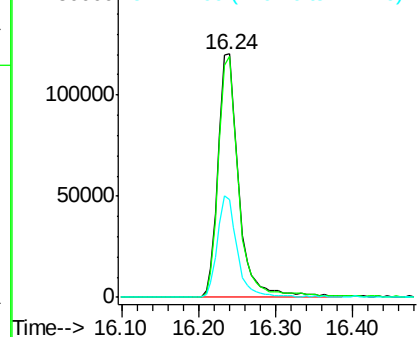
#41
 2,4,6-Tribromophenol
 Concen: 102.930 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031436.D
 Acq: 9 Dec 2017 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	39.9	25.2	37.8#

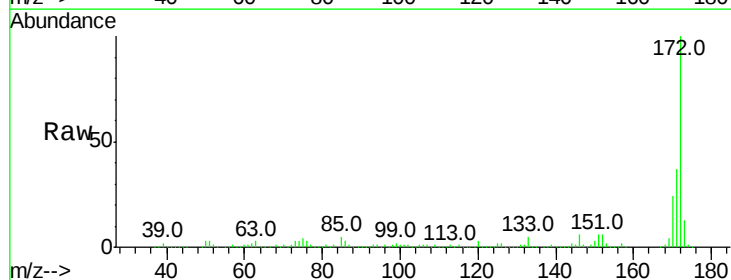


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

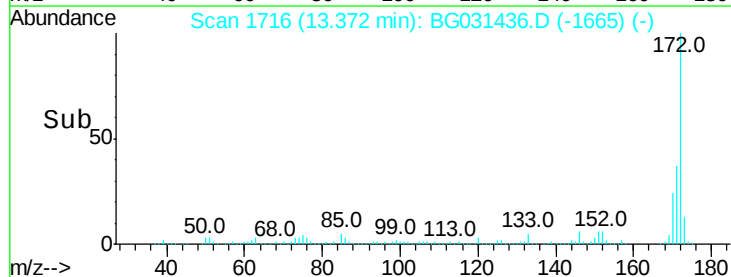
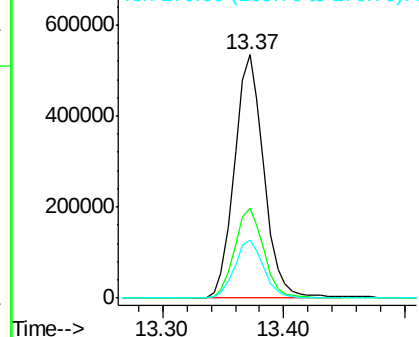


#44
 2-Fluorobiphenyl
 Concen: 96.782 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031436.D
 Acq: 9 Dec 2017 2:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.7	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

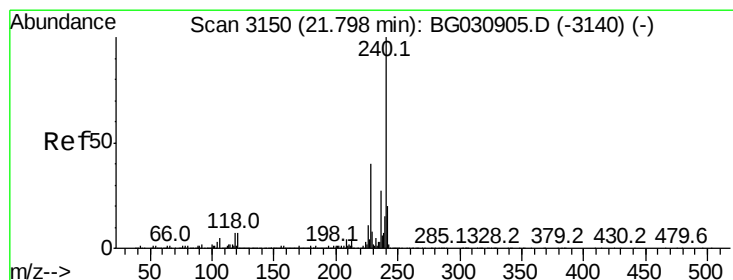
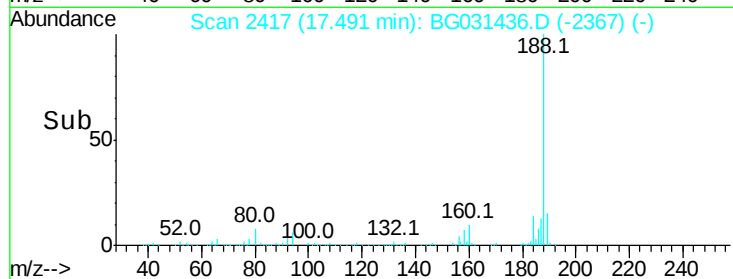
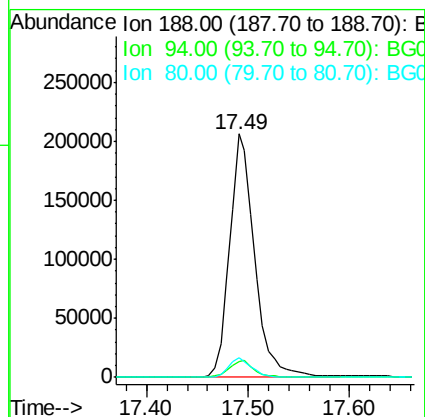
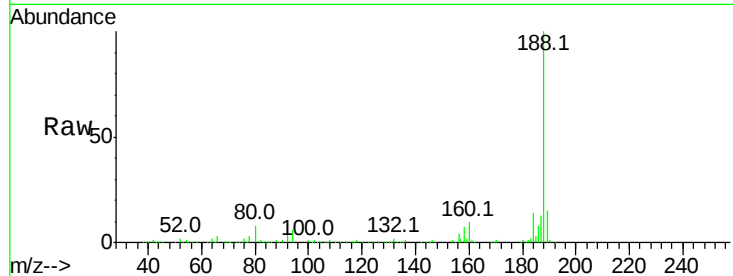




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031436.D
Acq: 9 Dec 2017 2:14

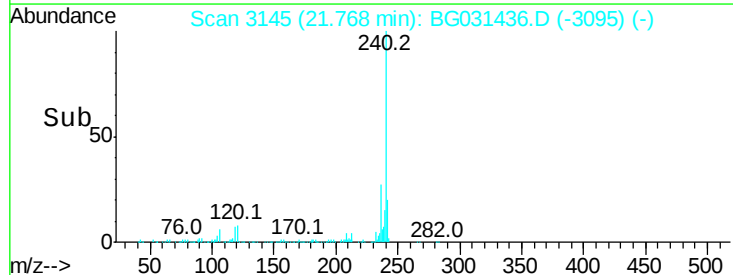
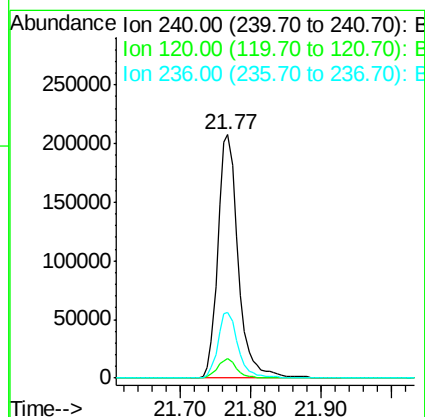
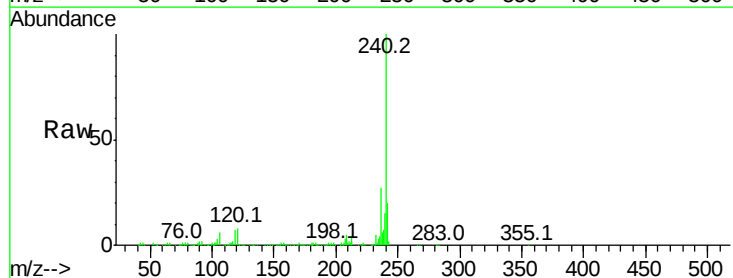
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 353789
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.9 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: BG031436.D
Acq: 9 Dec 2017 2:14

Tgt Ion:240 Resp: 415646
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 90.975 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031436.D

Acq: 9 Dec 2017 2:14

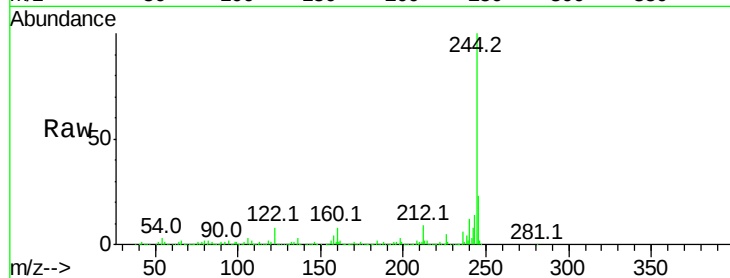
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1712501

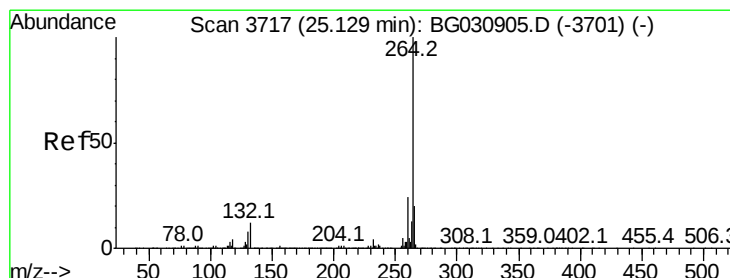
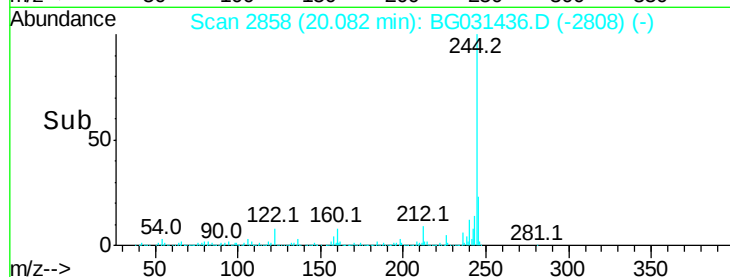
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.4	7.0	10.4



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: BG031436.D

Acq: 9 Dec 2017 2:14

Tgt Ion:264 Resp: 384397

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	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

