

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031214.D
 Acq On : 23 Nov 2017 7:35
 Operator : SJ/JU
 Sample : I6310-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-112017-A

Quant Time: Nov 23 23:50:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	61752	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	255836	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	162449	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	429221	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	567702	20.00	ng	-0.02
86) Perylene-d12	25.07	264	563509	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	466073	129.42	ng	-0.01
7) Phenol-d6	7.30	99	547475	112.84	ng	0.00
23) Nitrobenzene-d5	9.30	82	395126	91.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	308022	117.21	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1082406	95.74	ng	-0.02
78) Terphenyl-d14	20.09	244	2196938	85.45	ng	-0.01

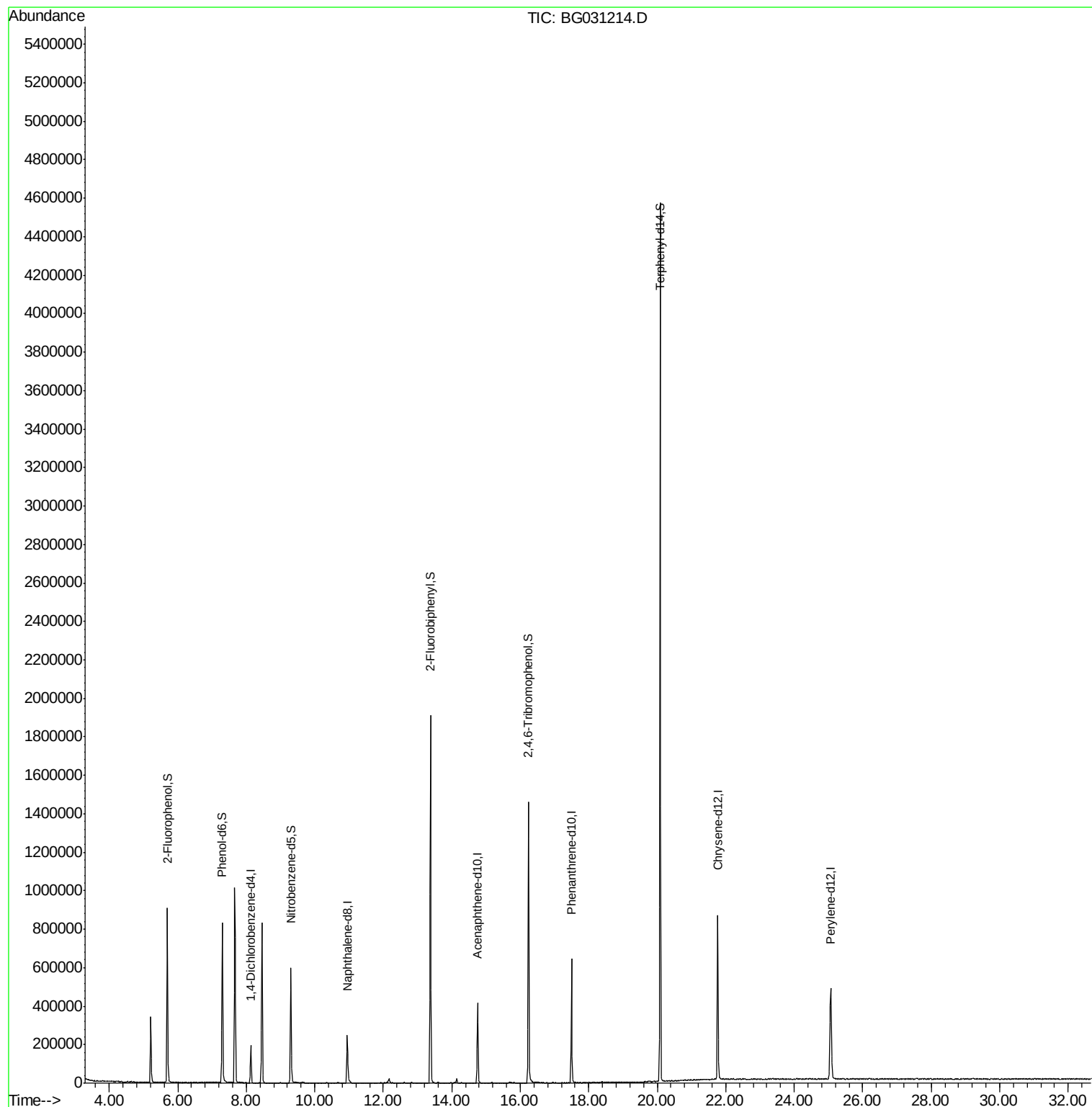
Target Compounds Qvalue

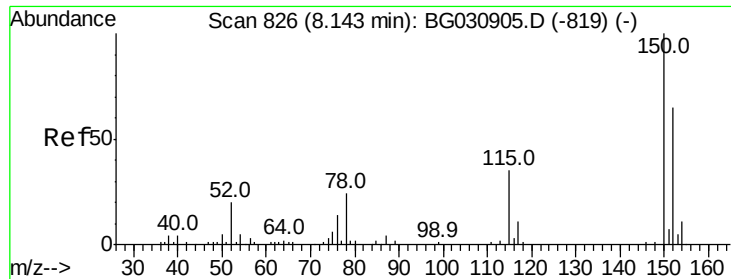
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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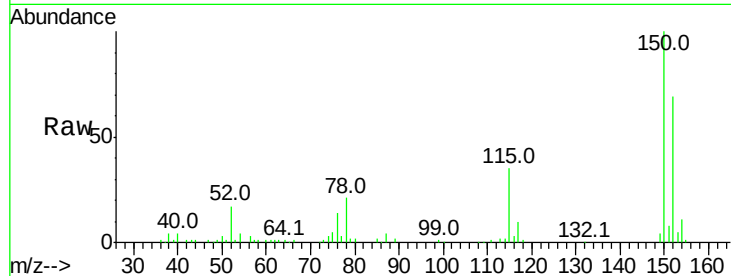


#1

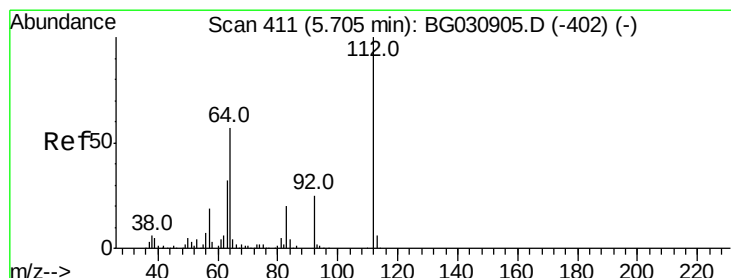
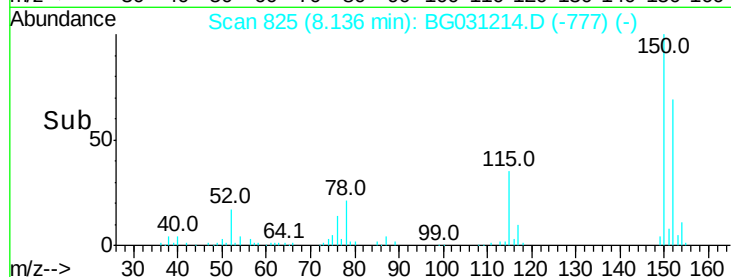
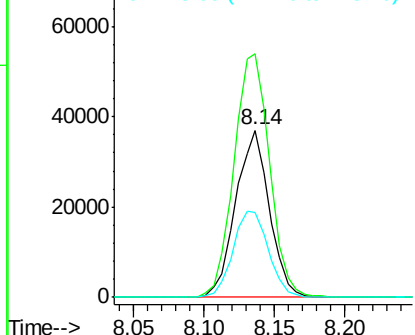
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031214.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_G
ClientSampleId :
AU-05-112017-A

Tot Ion:152 Resp: 61752
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 50.5 53.0 79.4#



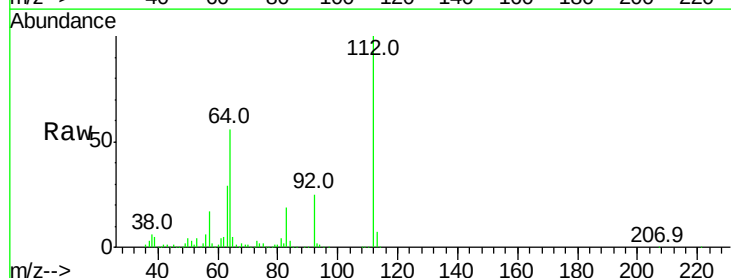
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



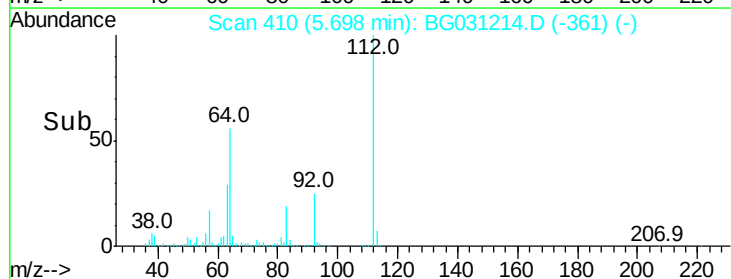
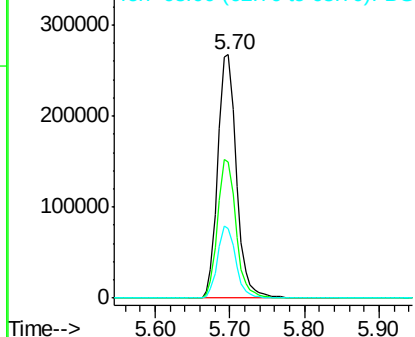
#5

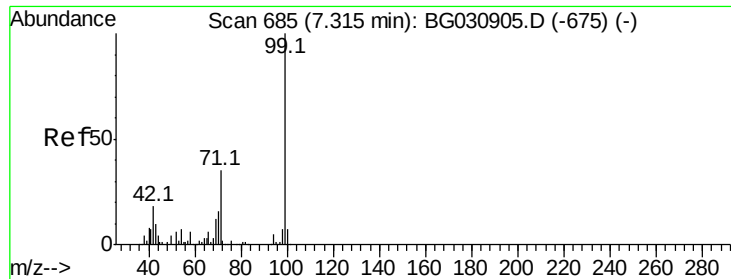
2-Fluorophenol
Concen: 129.421 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031214.D
Acq: 23 Nov 2017 7:35

Tgt Ion:112 Resp: 466073
Ion Ratio Lower Upper
112 100
64 55.8 56.3 84.5#
63 28.8 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: 112.844 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031214.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_G

ClientSampleId :

AU-05-112017-A

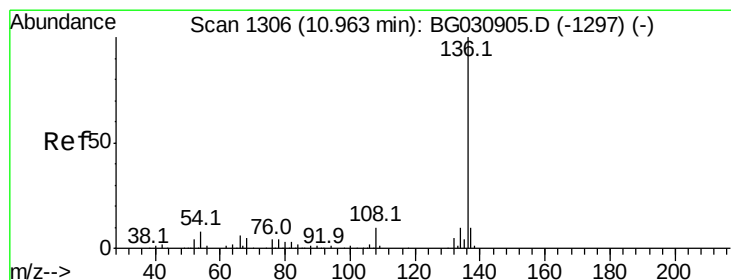
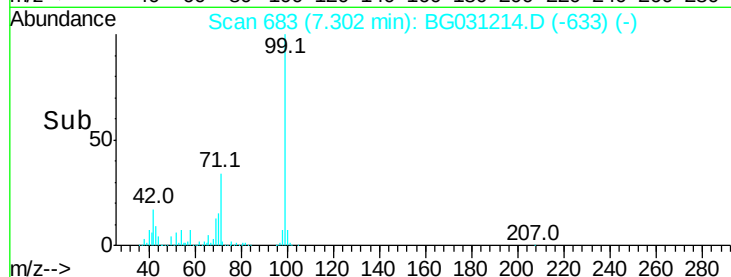
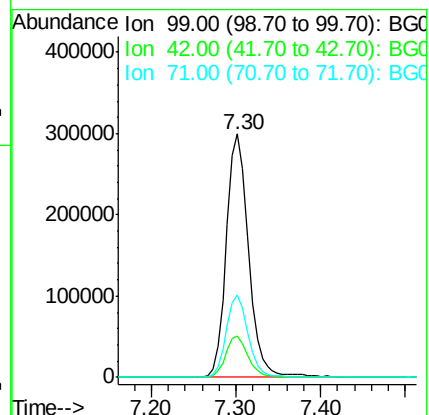
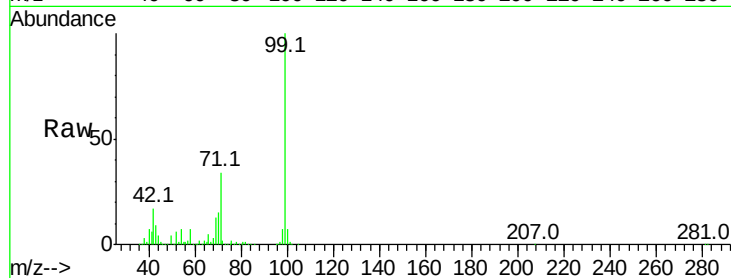
Tot Ion: 99 Resp: 547475

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 33.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031214.D

Acq: 23 Nov 2017 7:35

Tgt Ion: 136 Resp: 255836

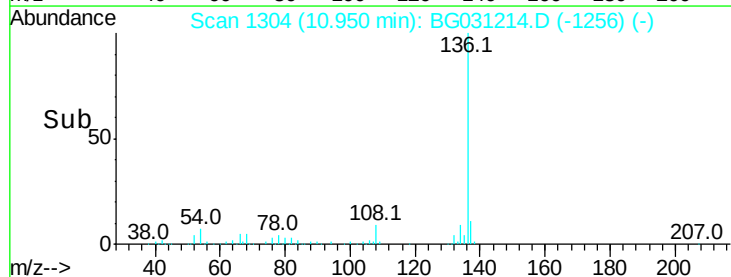
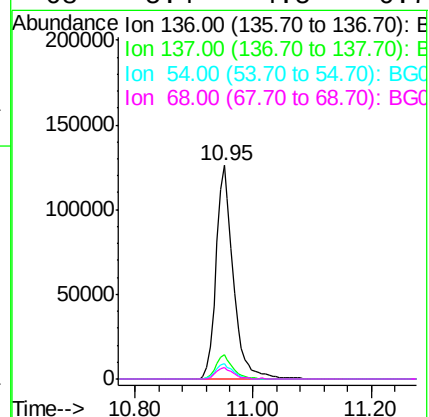
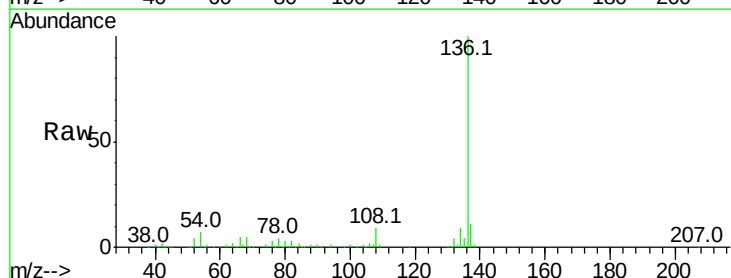
Ion Ratio Lower Upper

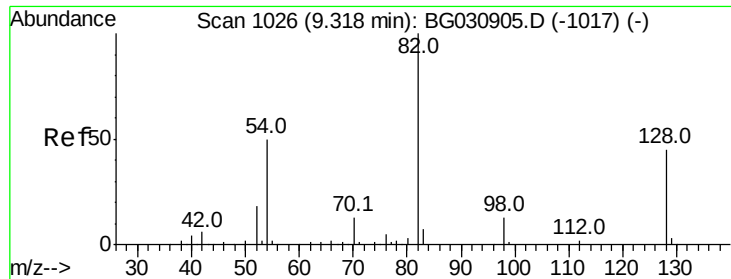
136 100

137 11.2 9.2 13.8

54 7.2 10.3 15.5#

68 5.4 4.5 6.7

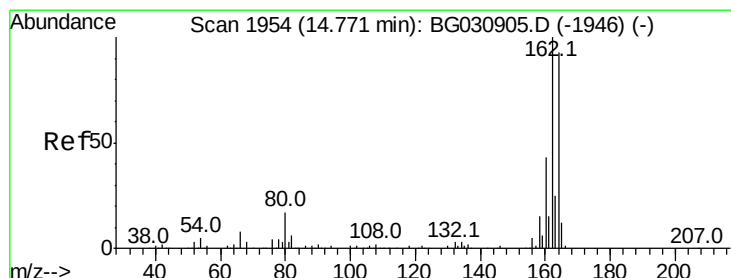
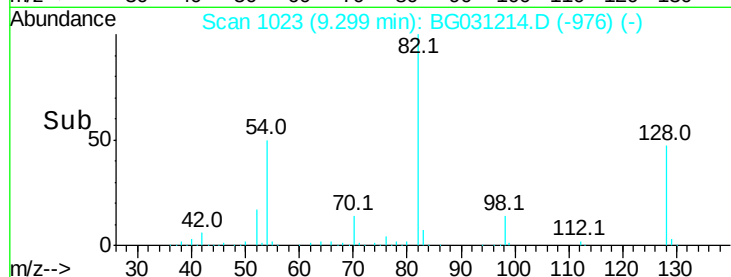
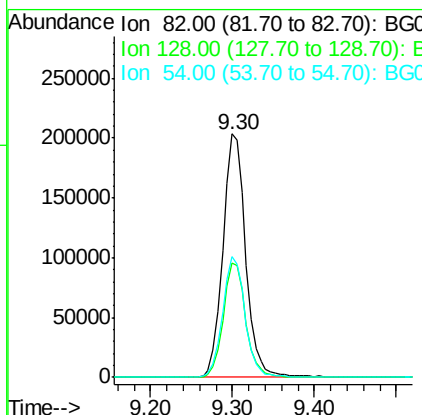
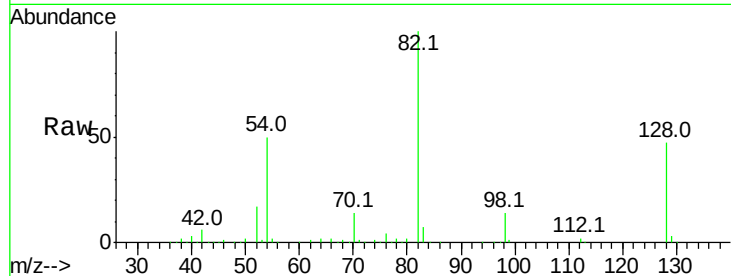




#23
 Nitrobenzene-d5
 Concen: 91.518 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031214.D
 Acq: 23 Nov 2017 7:35

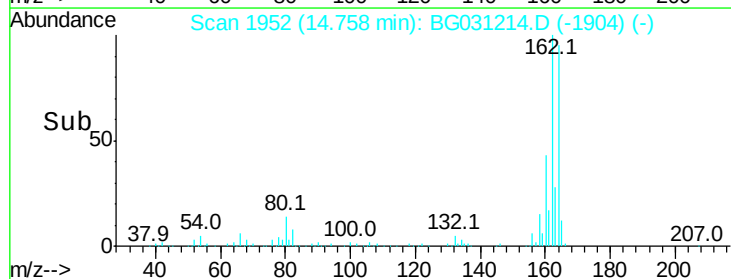
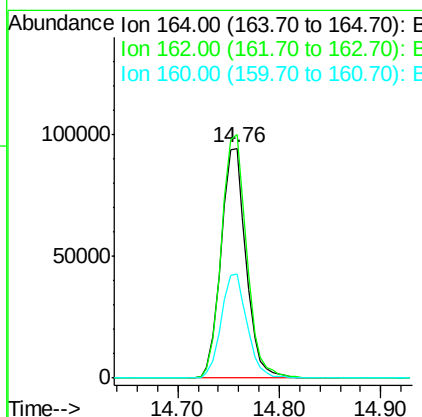
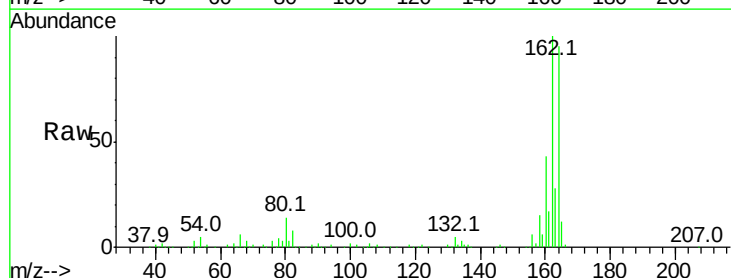
Instrument :
 BNA_G
 ClientSampled :
 AU-05-112017-A

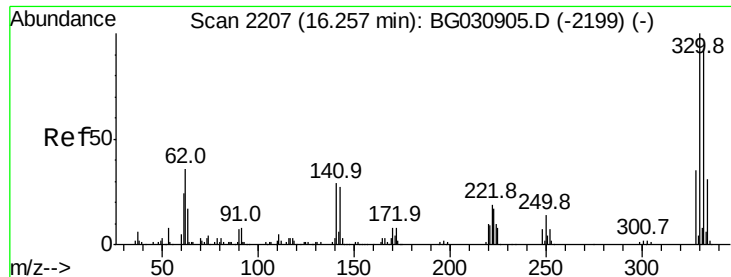
Tot Ion	82	Resp	395126
Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	49.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031214.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	164	Resp	162449
Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	45.5	35.4	53.0

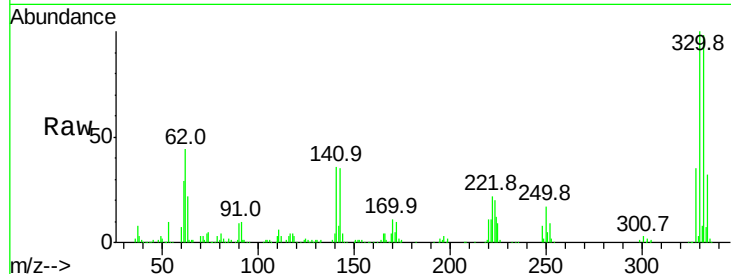




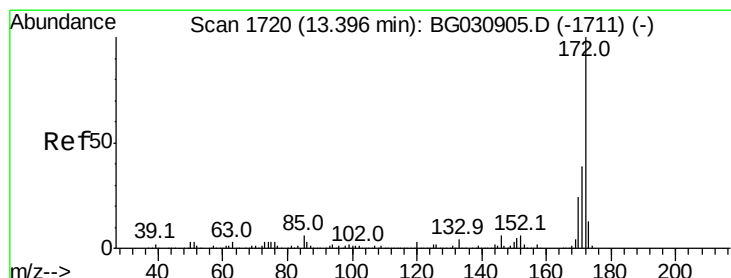
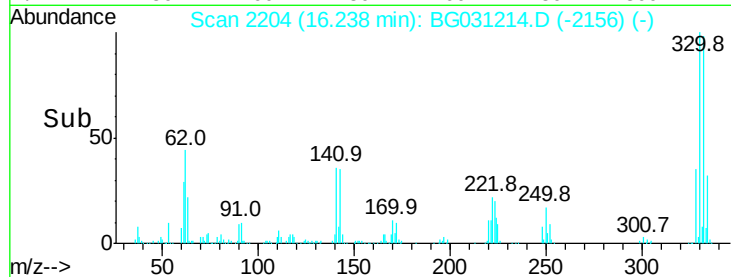
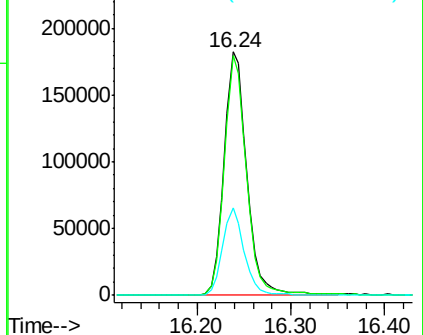
#41
 2,4,6-Tribromophenol
 Concen: 117.212 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031214.D
 Acq: 23 Nov 2017 7:35

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-112017-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.3	25.2	37.8

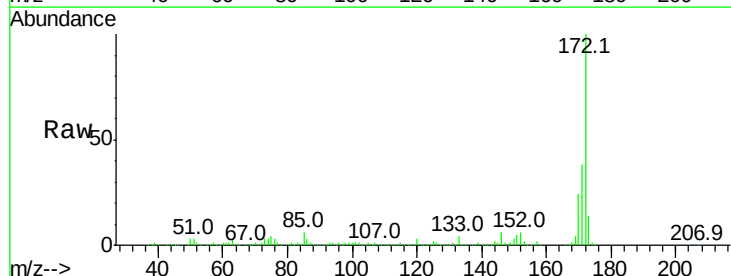


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

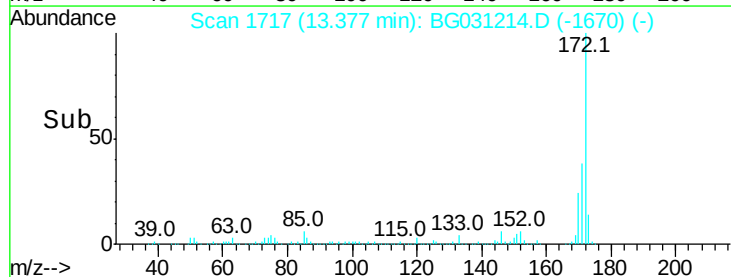
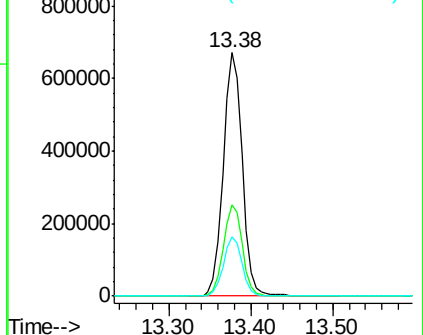


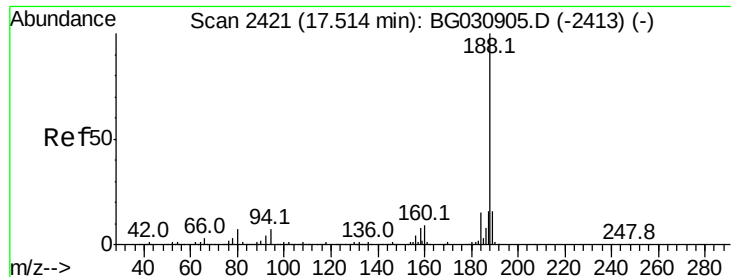
#44
 2-Fluorobiphenyl
 Concen: 95.741 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031214.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

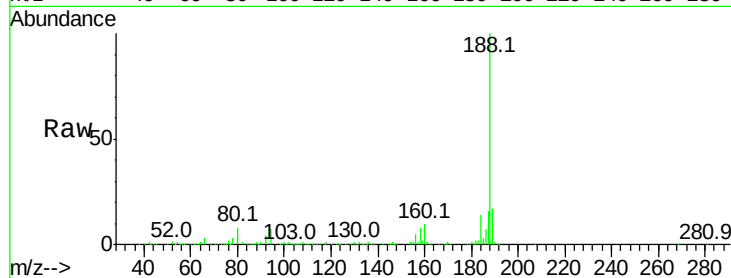




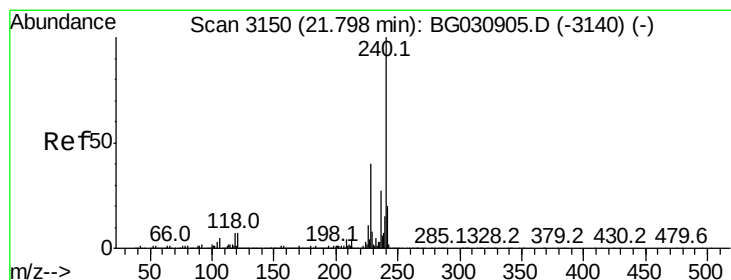
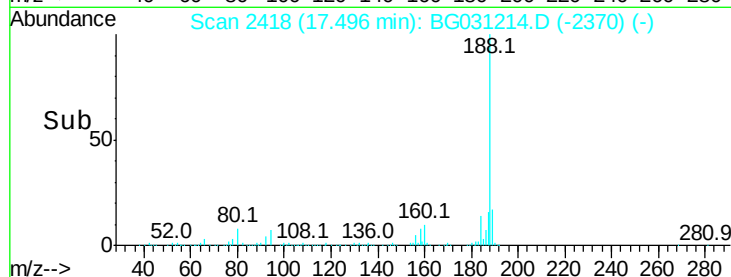
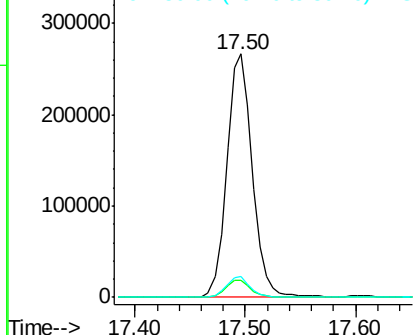
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031214.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_G
ClientSampleId :
AU-05-112017-A

Tot Ion:188 Resp: 429221
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.4 7.7 11.5

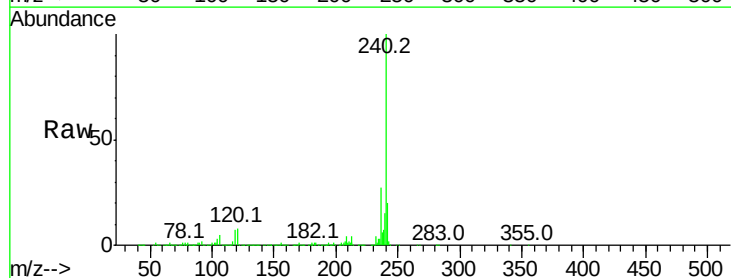


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

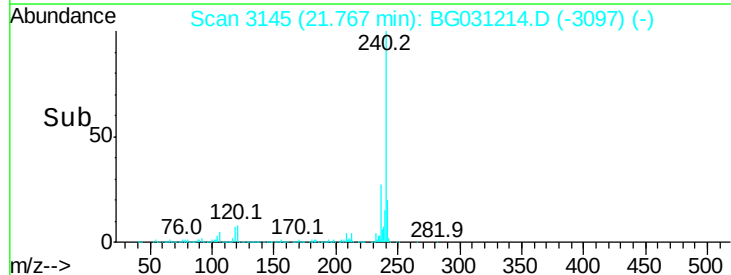
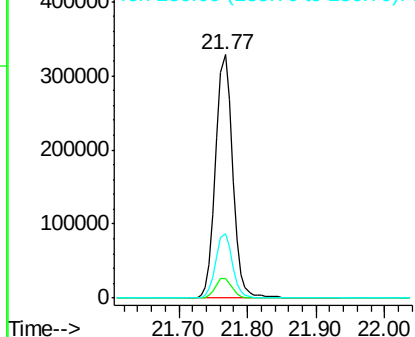


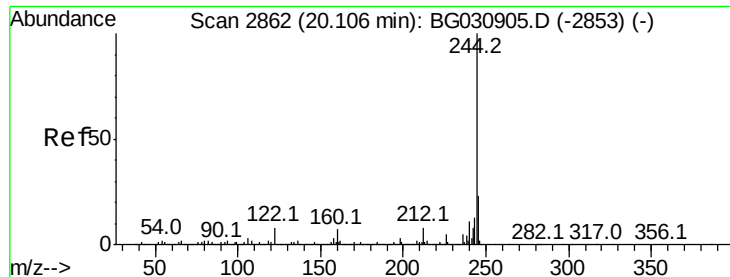
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031214.D
Acq: 23 Nov 2017 7:35

Tgt Ion:240 Resp: 567702
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.6 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: 85.450 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031214.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_G

ClientSampleId :

AU-05-112017-A

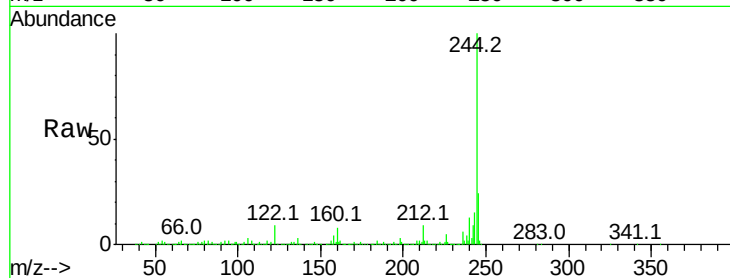
Tot Ion:244 Resp: 2196938

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

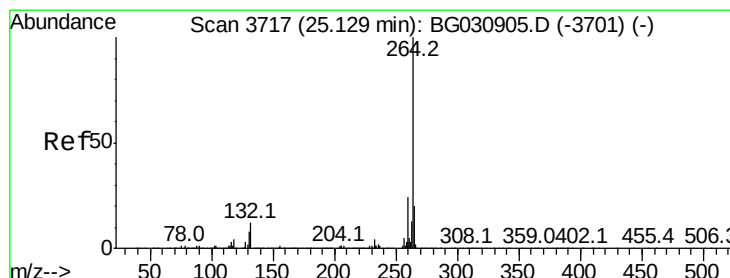
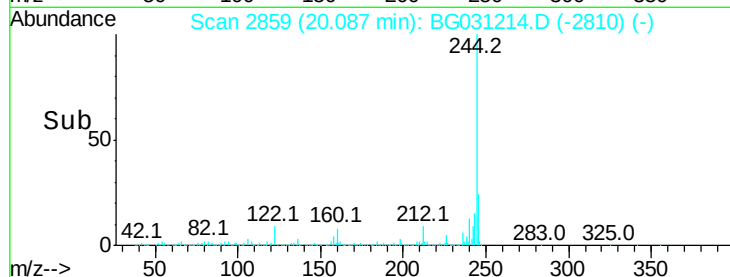
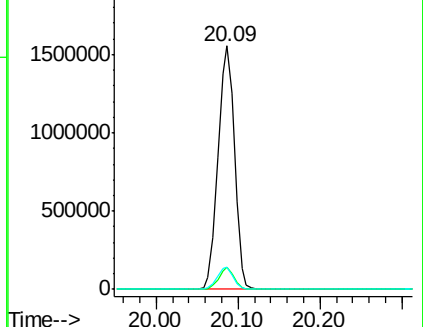
122 9.3 7.0 10.4



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. -0.02 min

Lab File: BG031214.D

Acq: 23 Nov 2017 7:35

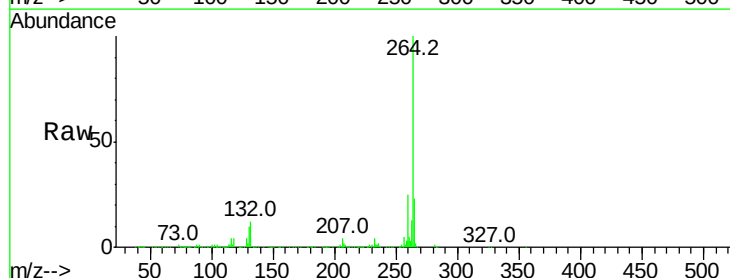
Tgt Ion:264 Resp: 563509

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.6 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

