

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031360.D
 Acq On : 4 Dec 2017 23:38
 Operator : SJ/JU
 Sample : I6690-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-PHASE-3

Quant Time: Dec 05 04:20:21 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

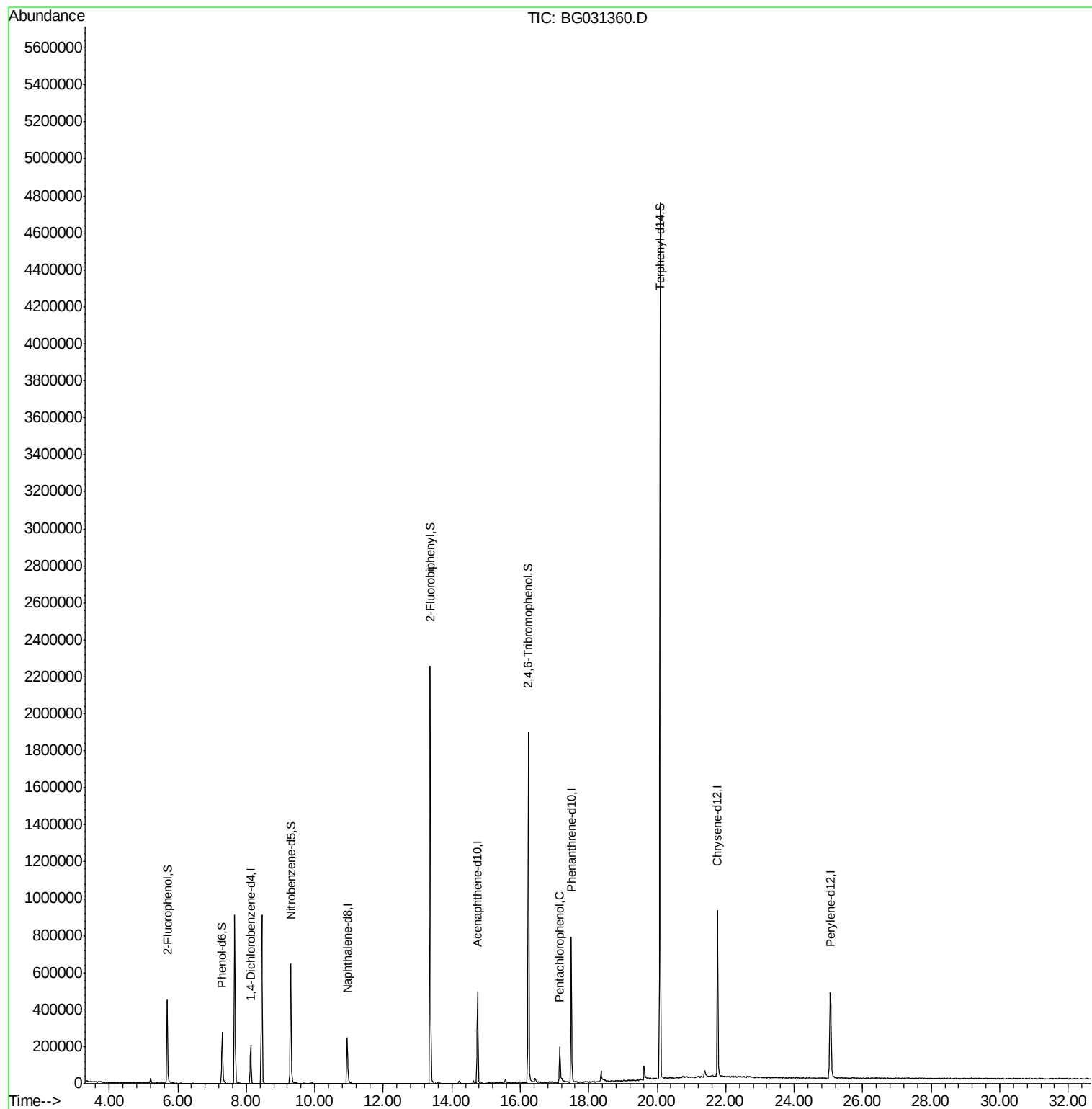
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	64437	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	281843	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	195720	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	531825	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	588248	20.00	ng	-0.02
86) Perylene-d12	25.05	264	577210	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	250237	66.59	ng	-0.02
7) Phenol-d6	7.29	99	199235	39.35	ng	-0.01
23) Nitrobenzene-d5	9.30	82	443324	93.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	395489	124.91	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1338844	98.29	ng	-0.03
78) Terphenyl-d14	20.08	244	2363350	88.71	ng	-0.02
Target Compounds						
69) Pentachlorophenol	17.15	266	53103	13.423	ng	Qvalue 94

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

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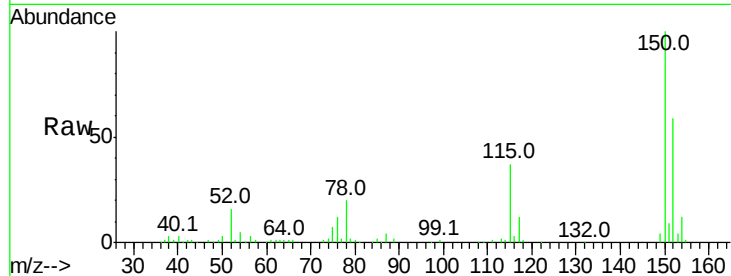


#1

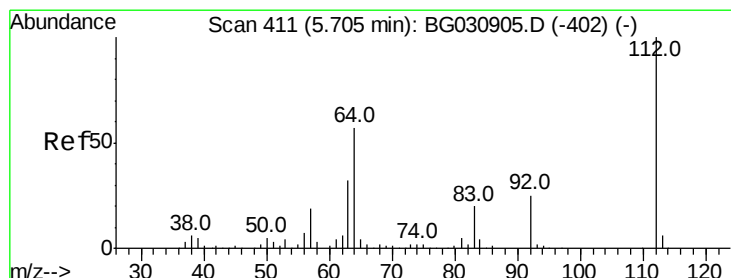
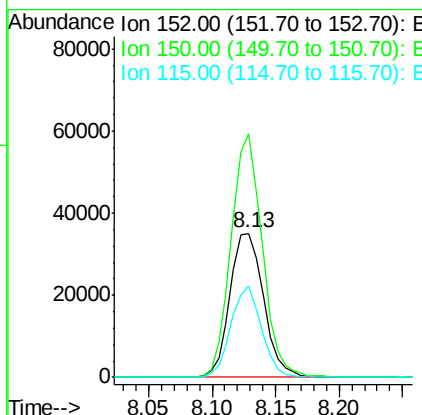
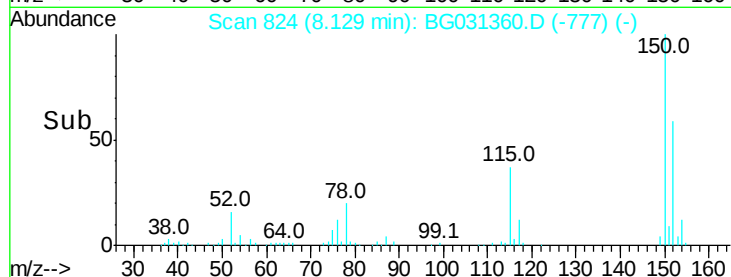
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031360.D
 Acq: 4 Dec 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-PHASE-3

Tot Ion:152 Resp: 64437
 Ion Ratio Lower Upper
 152 100
 150 168.8 126.6 189.8
 115 63.0 53.0 79.4



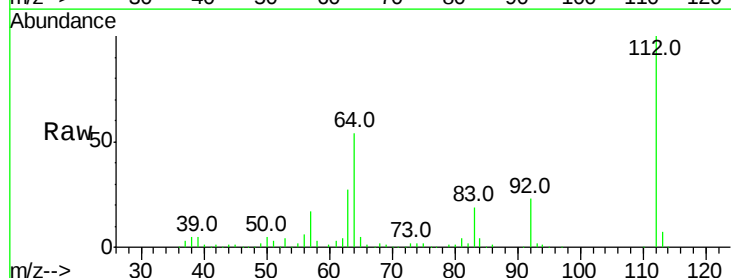
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



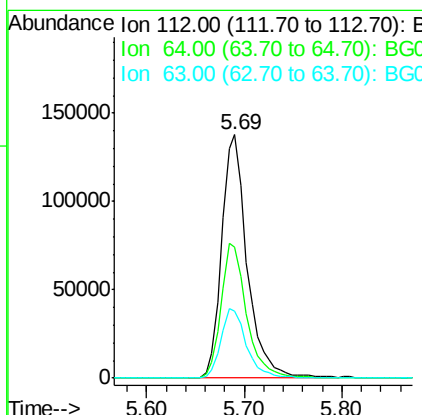
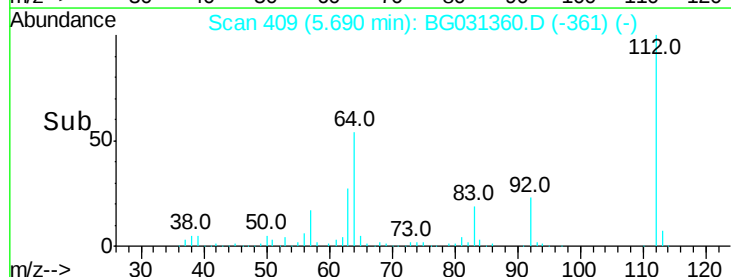
#5

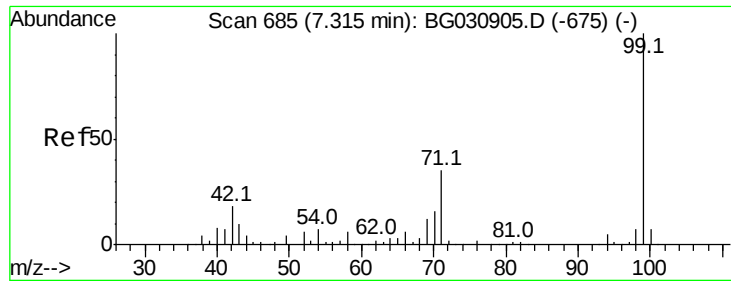
2-Fluorophenol
 Concen: 66.592 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031360.D
 Acq: 4 Dec 2017 23:38

Tgt Ion:112 Resp: 250237
 Ion Ratio Lower Upper
 112 100
 64 53.6 56.3 84.5#
 63 27.4 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: 39.355 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA_G

ClientSampleId :

BAYWAY-PHASE-3

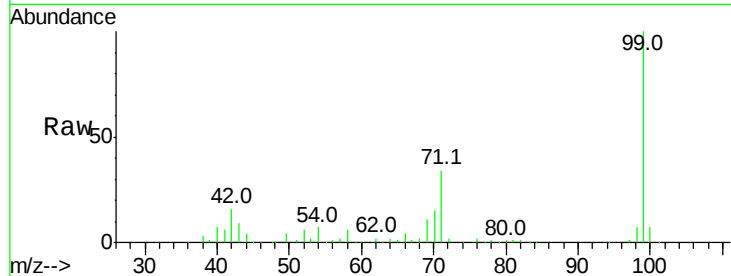
Tot Ion: 99 Resp: 199235

Ion Ratio Lower Upper

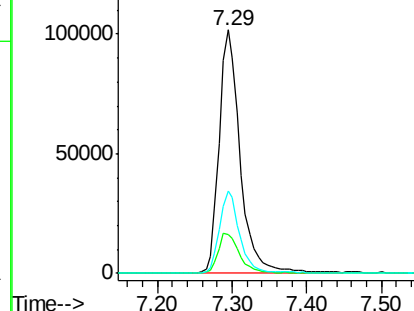
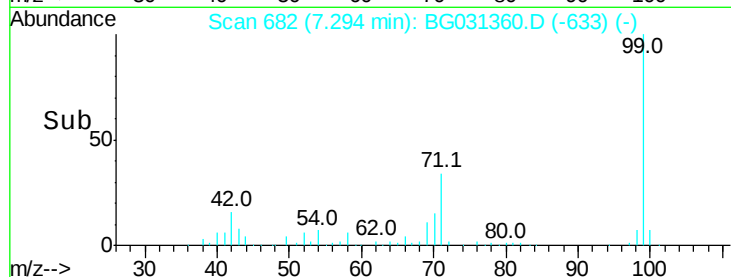
99 100

42 15.9 14.1 21.1

71 34.0 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. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Tgt Ion: 136 Resp: 281843

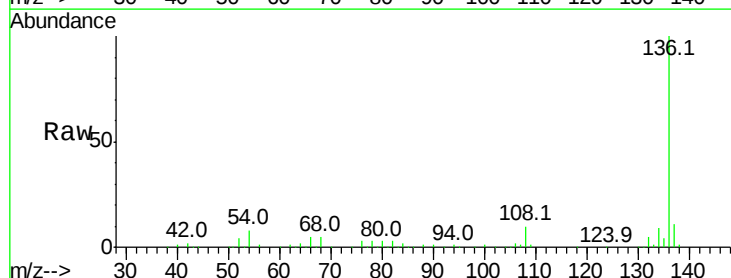
Ion Ratio Lower Upper

136 100

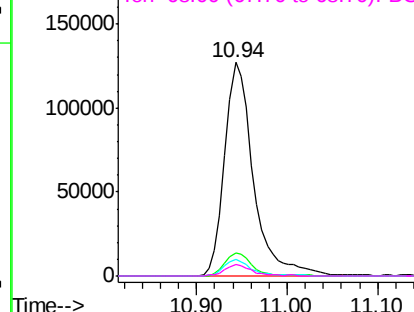
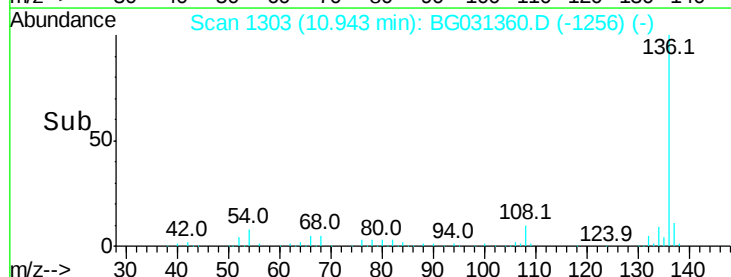
137 10.6 9.2 13.8

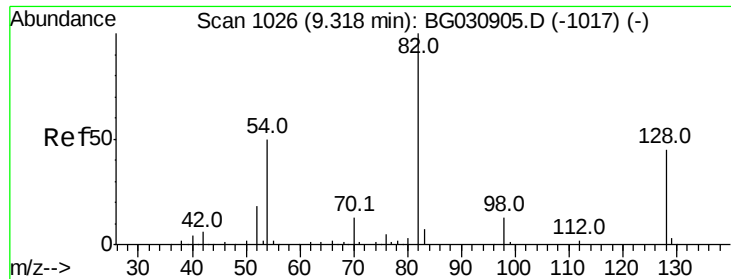
54 7.6 10.3 15.5#

68 5.3 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

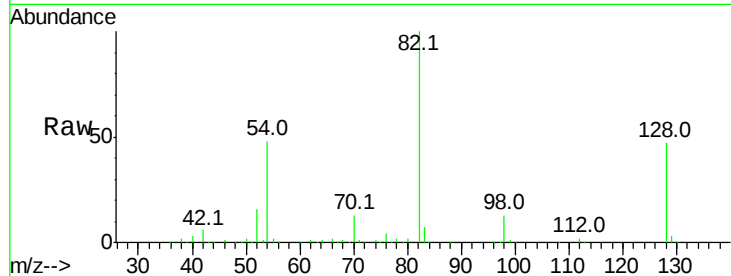




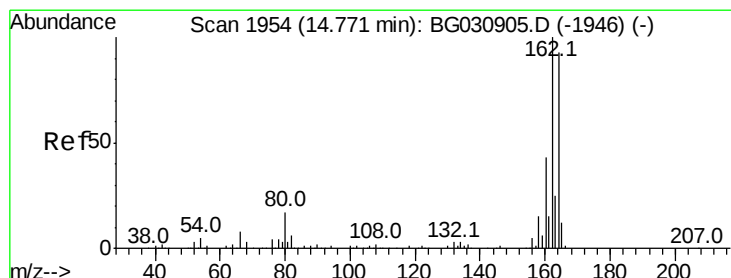
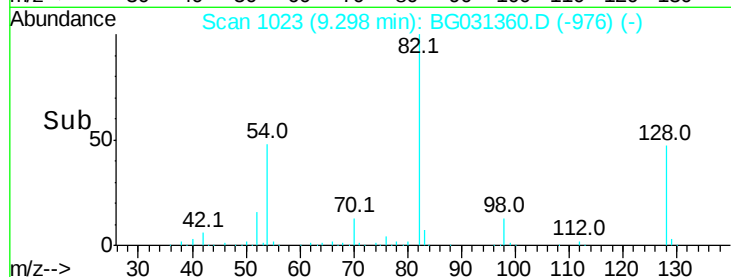
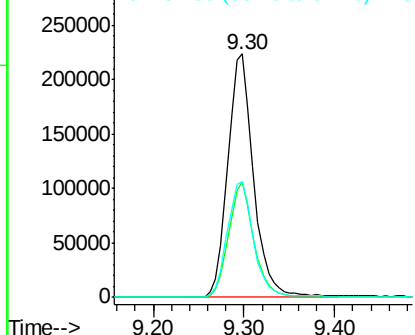
#23
Nitrobenzene-d5
Concen: 93.207 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031360.D
Acq: 4 Dec 2017 23:38

Instrument :
BNA_G
ClientSampleId :
BAYWAY-PHASE-3

Tot Ion: 82 Resp: 443324
Ion Ratio Lower Upper
82 100
128 47.4 29.7 44.5#
54 47.5 43.1 64.7

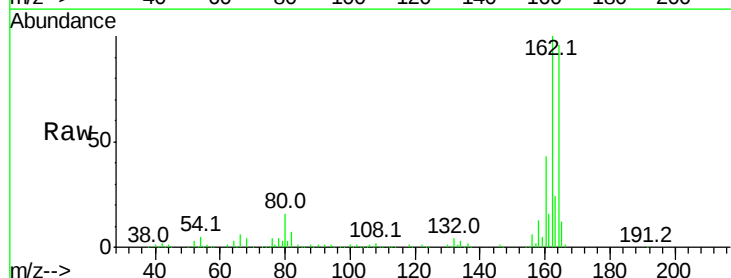


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

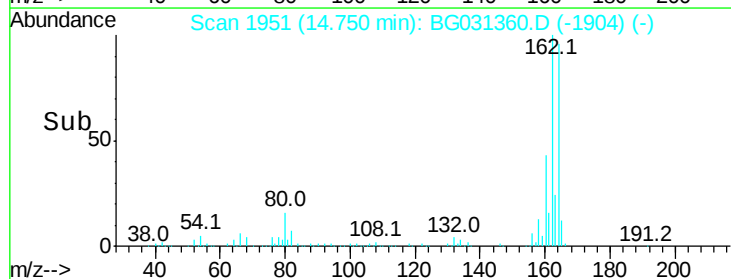
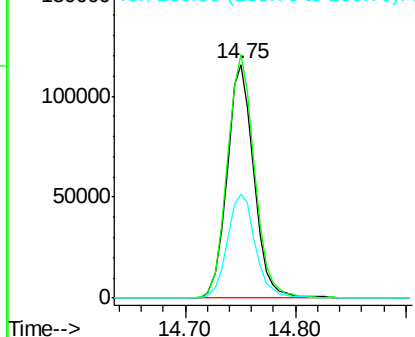


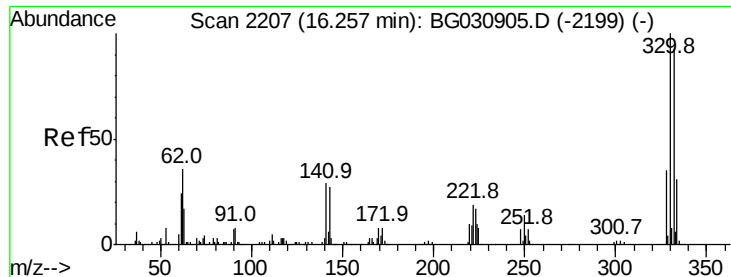
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031360.D
Acq: 4 Dec 2017 23:38

Tgt Ion:164 Resp: 195720
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 44.6 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

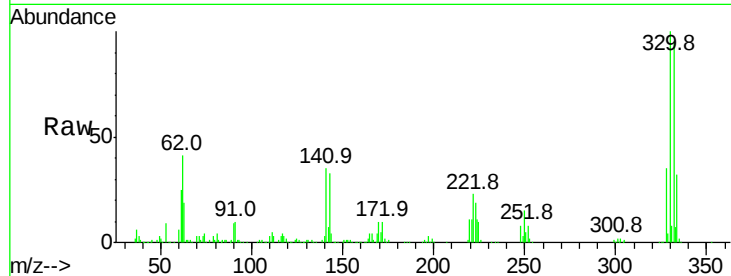




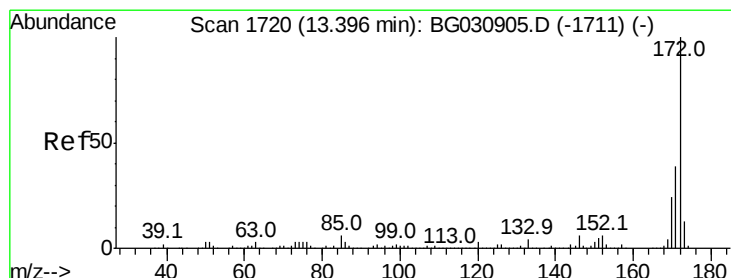
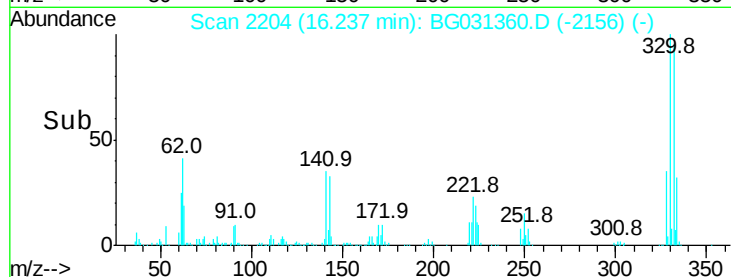
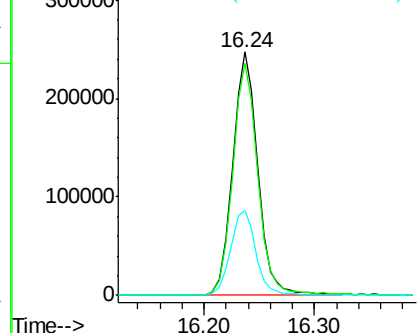
#41
 2,4,6-Tribromophenol
 Concen: 124.913 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031360.D
 Acq: 4 Dec 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-PHASE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	35.3	25.2	37.8

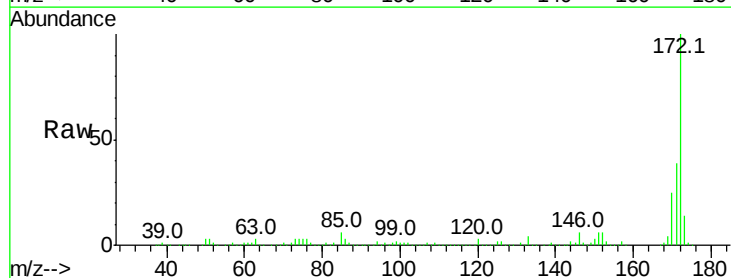


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

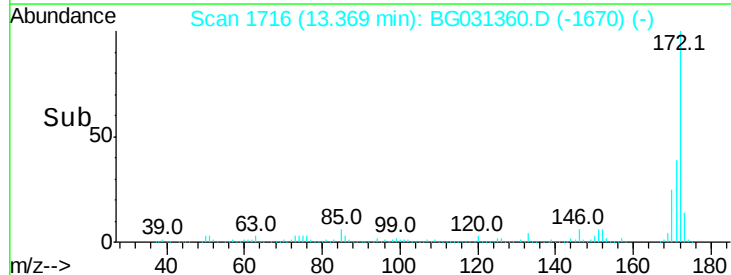
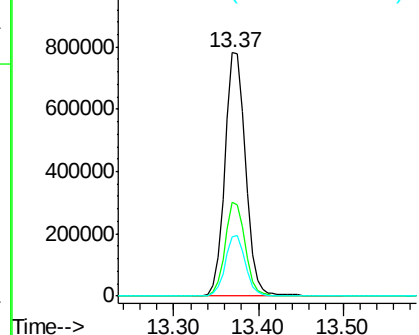


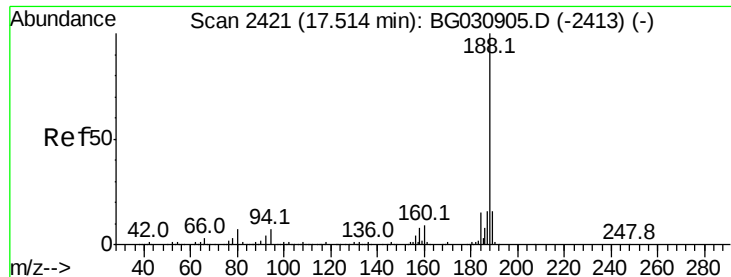
#44
 2-Fluorobiphenyl
 Concen: 98.292 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031360.D
 Acq: 4 Dec 2017 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.5	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. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA_G

ClientSampleId :

BAYWAY-PHASE-3

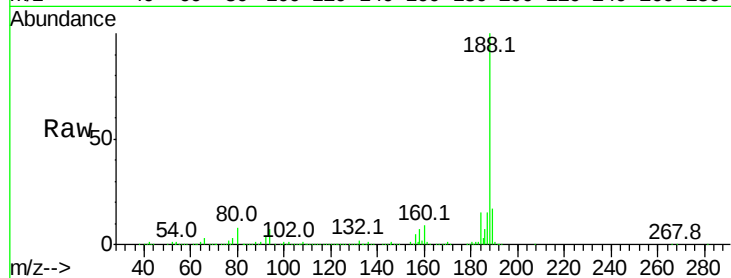
Tot Ion:188 Resp: 531825

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

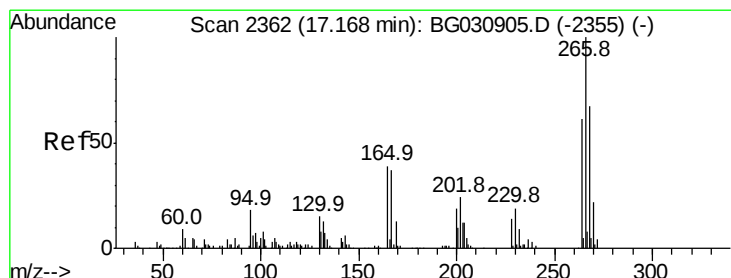
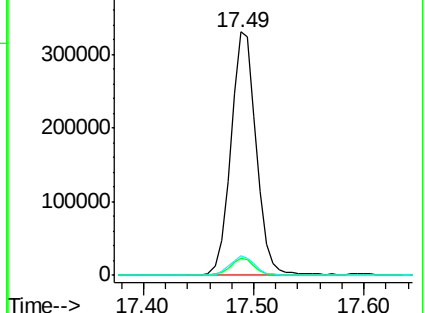
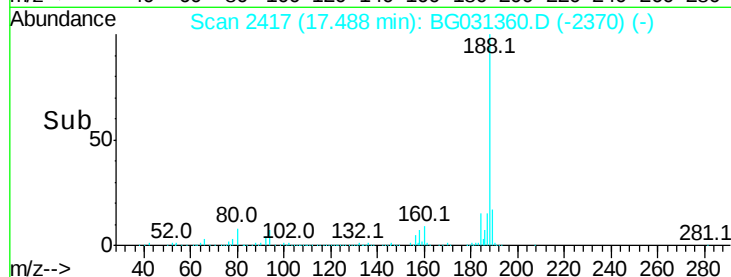
80 8.0 7.7 11.5



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



#69

Pentachlorophenol

Concen: 13.423 ng

RT: 17.15 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

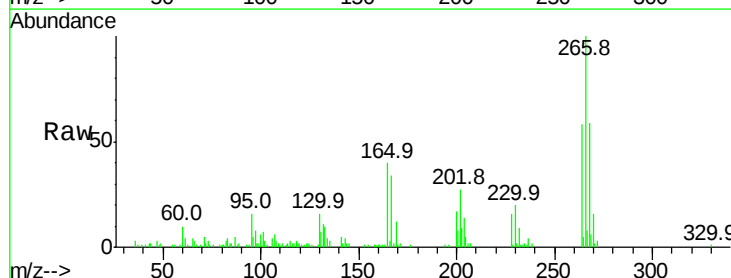
Tgt Ion:266 Resp: 53103

Ion Ratio Lower Upper

266 100

268 58.6 51.1 76.7

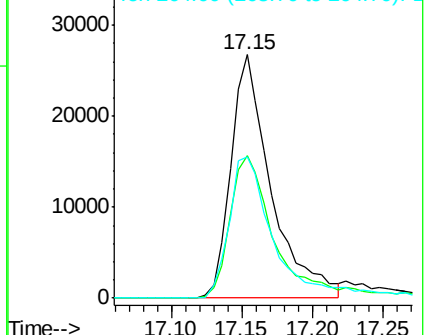
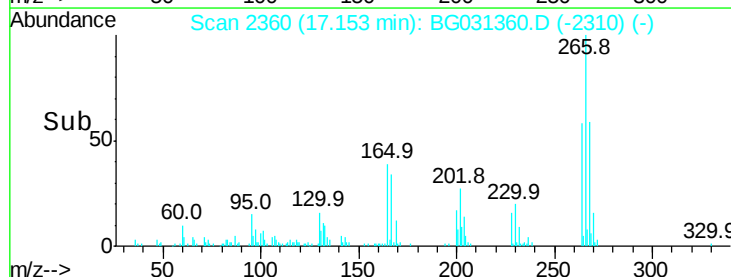
264 58.0 49.6 74.4

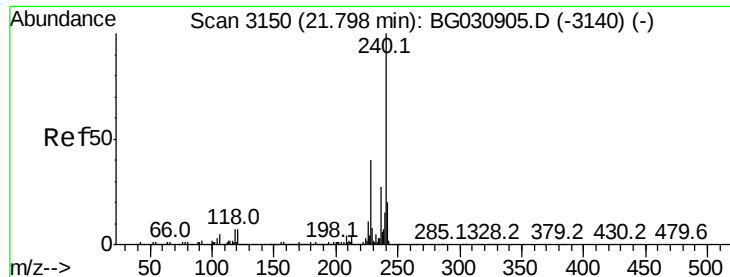


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

Instrument :

BNA_G

ClientSampleId :

BAYWAY-PHASE-3

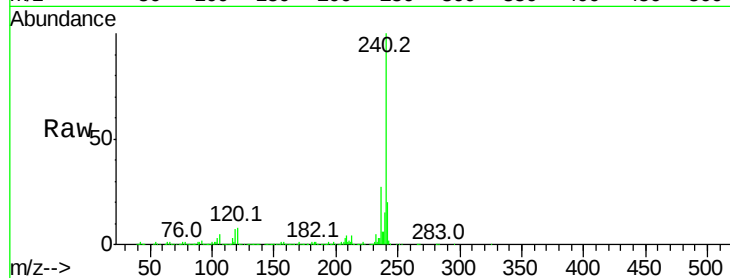
Tot Ion:240 Resp: 588248

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

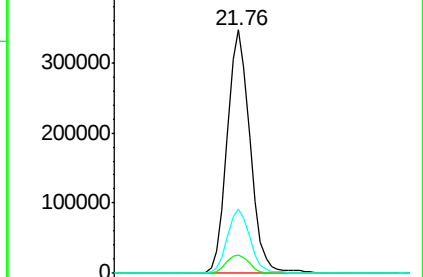
236 26.6 20.9 31.3



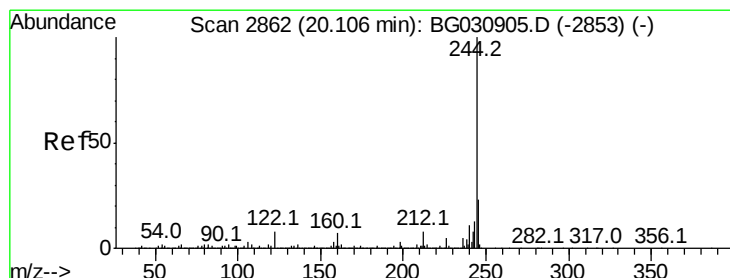
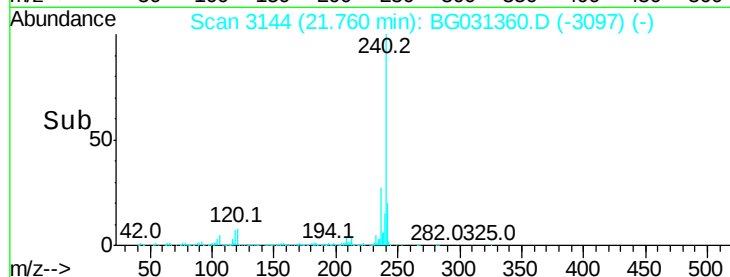
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 88.712 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031360.D

Acq: 4 Dec 2017 23:38

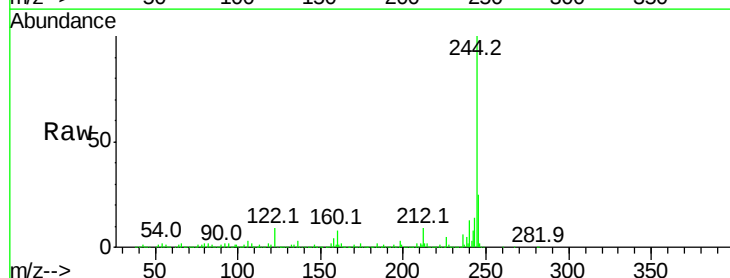
Tgt Ion:244 Resp: 2363350

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

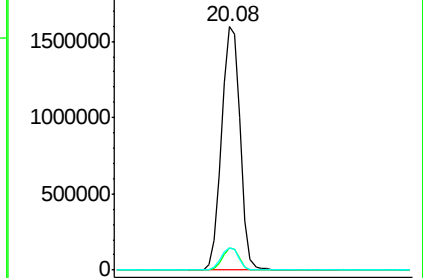
122 9.1 7.0 10.4



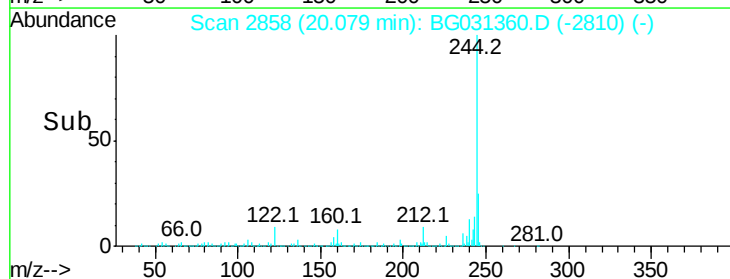
Abundance Ion 244.00 (243.70 to 244.70): E

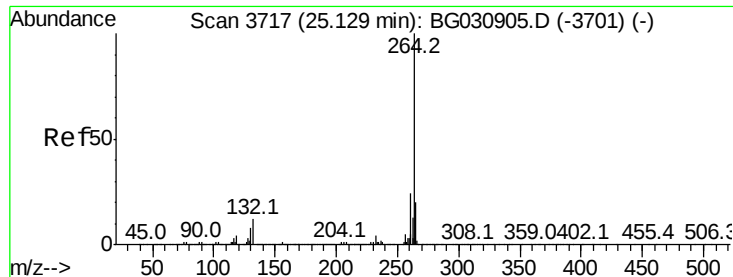
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. -0.04 min
 Lab File: BG031360.D
 Acq: 4 Dec 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-PHASE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.4	17.7	26.5

