

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035224.D
 Acq On : 18 Jun 2018 18:31
 Operator : SJ/JU
 Sample : J3523-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-FIELD-BLANK

Quant Time: Jun 19 05:50:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47993	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	171987	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	118897	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	350343	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	401611	20.00	ng	-0.03
86) Perylene-d12	24.92	264	365212	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	178094	62.62	ng	0.00
7) Phenol-d6	7.21	99	153793	36.64	ng	-0.01
23) Nitrobenzene-d5	9.22	82	415906	114.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	313861	206.21	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	940428	102.82	ng	-0.02
78) Terphenyl-d14	20.03	244	2259031	117.82	ng	-0.01

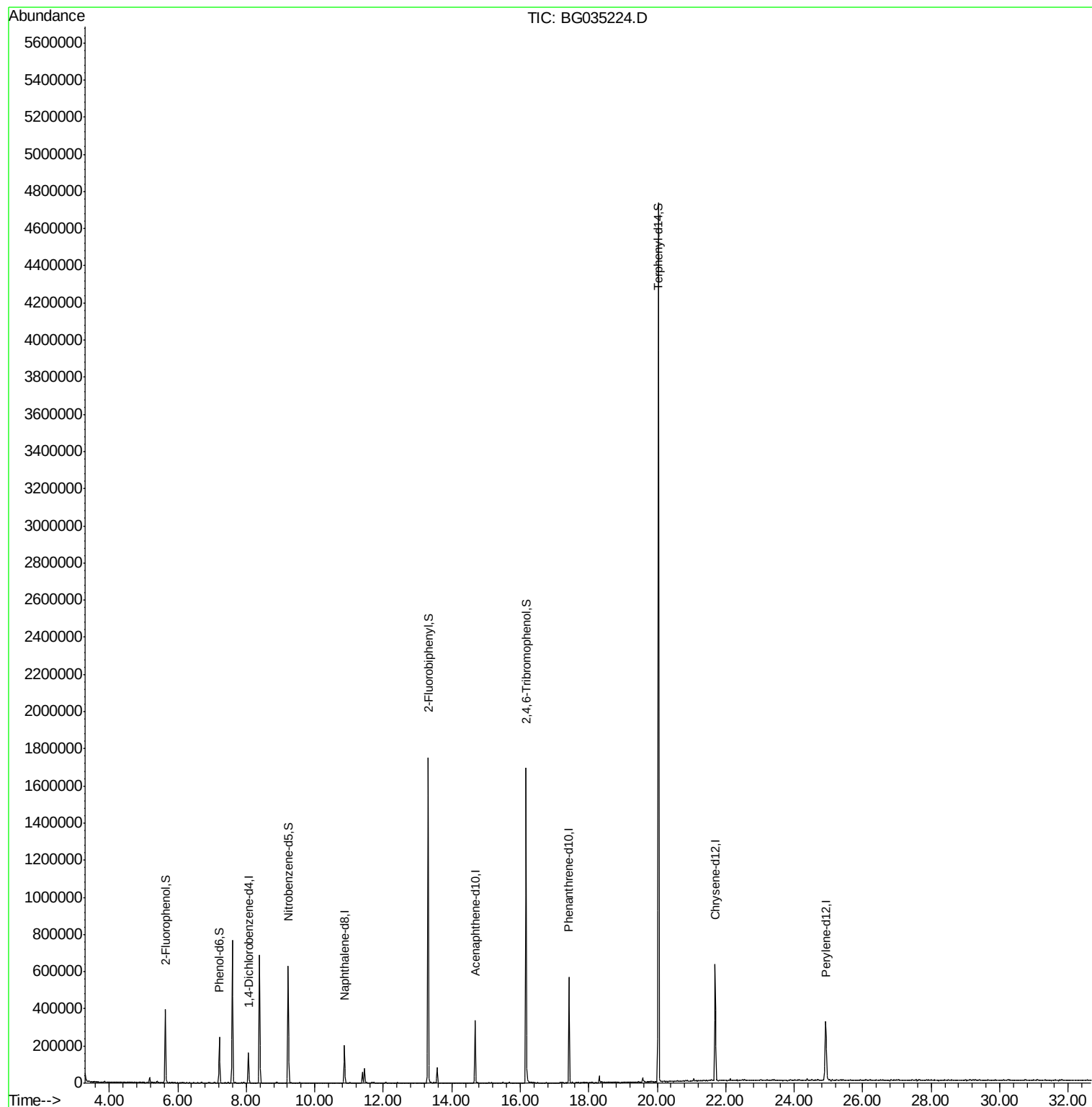
Target Compounds Qvalue

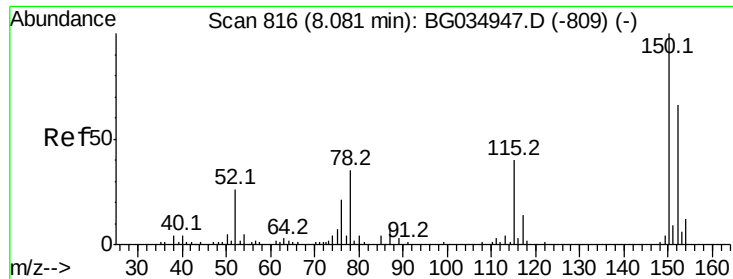
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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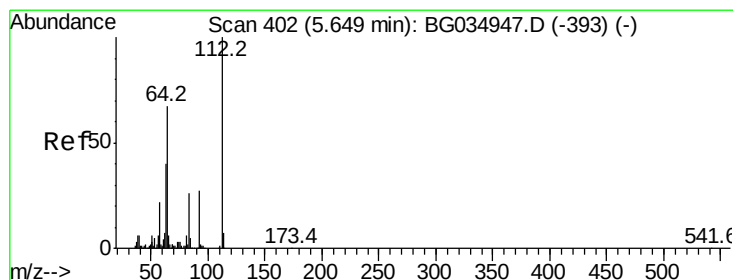
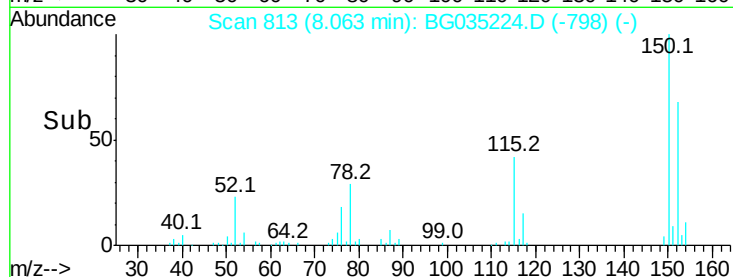
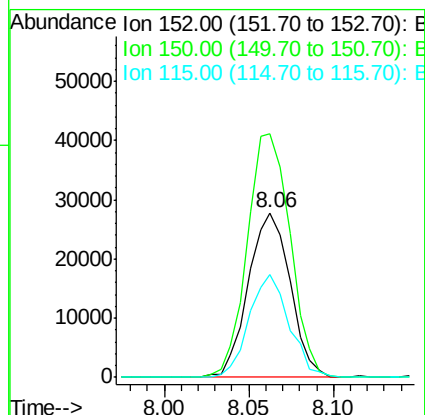
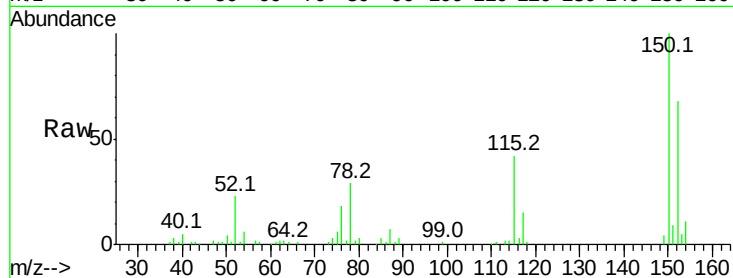


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035224.D
Acq: 18 Jun 2018 18:31

Instrument :
BNA_G
ClientSampleId :
SOIL-FIELD-BLANK

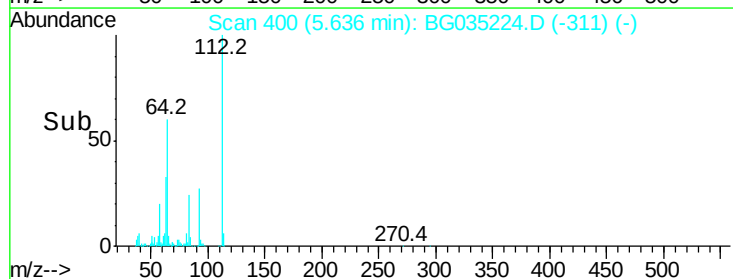
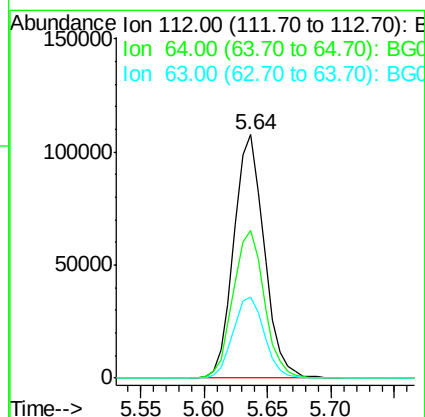
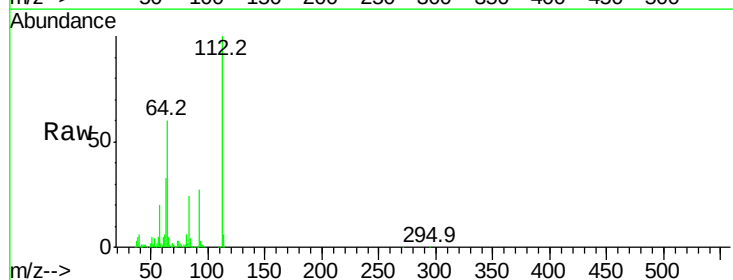
Tot Ion:152 Resp: 47993
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 62.5 53.0 79.4

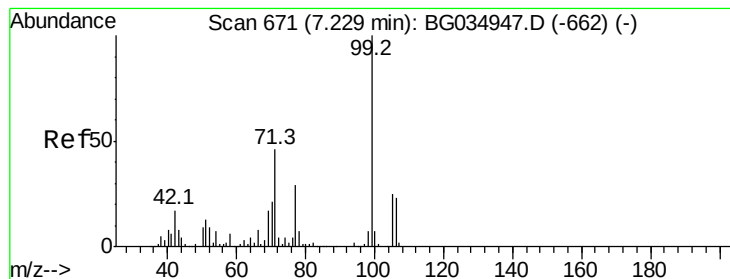


#5

2-Fluorophenol
Concen: 62.624 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035224.D
Acq: 18 Jun 2018 18:31

Tgt Ion:112 Resp: 178094
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 33.4 30.1 45.1





#7

Phenol-d6

Concen: 36.640 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

Instrument :

BNA_G

ClientSampleId :

SOIL-FIELD-BLANK

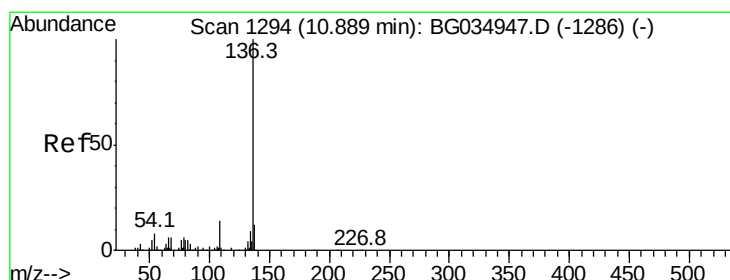
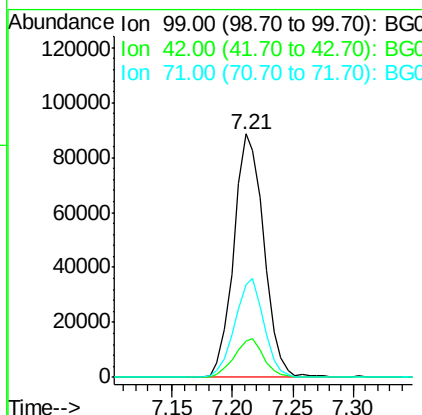
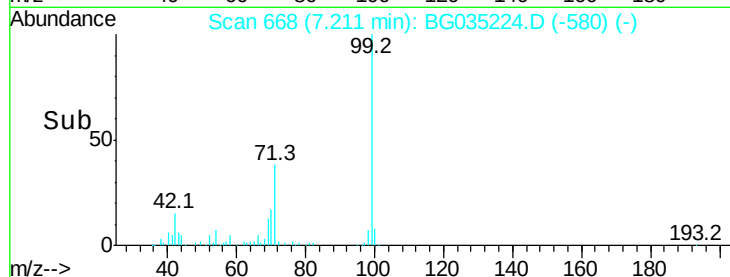
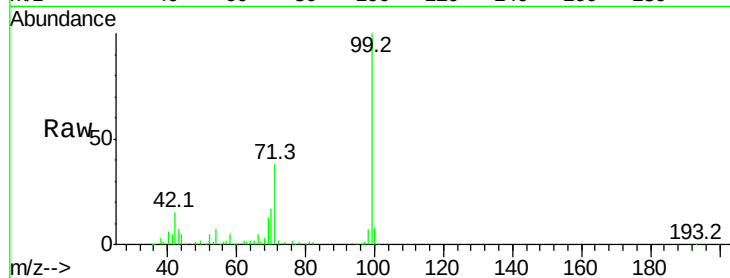
Tot Ion: 99 Resp: 153793

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 38.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

Tgt Ion: 136 Resp: 171987

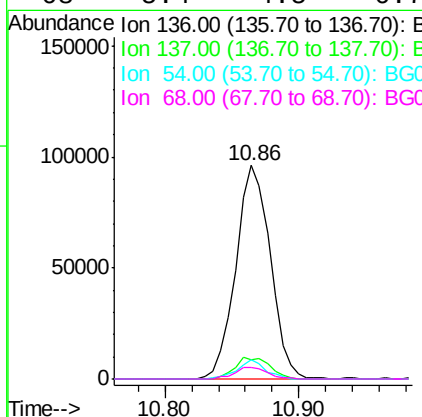
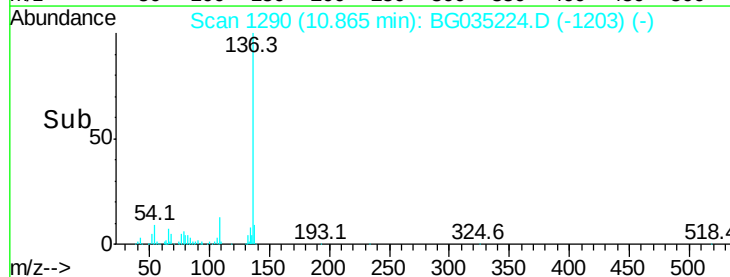
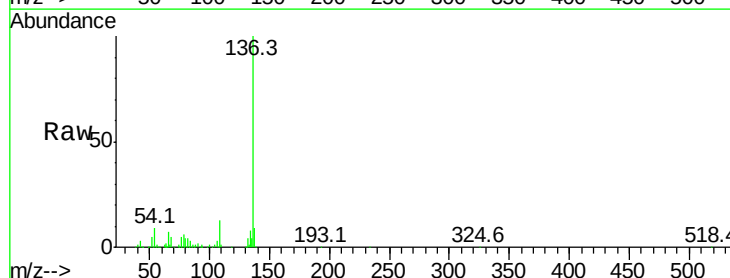
Ion Ratio Lower Upper

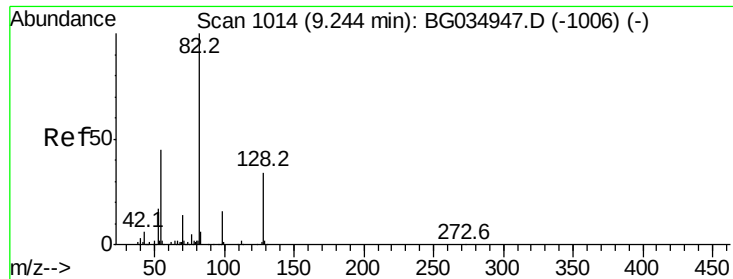
136 100

137 9.3 9.2 13.8

54 9.0 10.3 15.5#

68 5.4 4.5 6.7

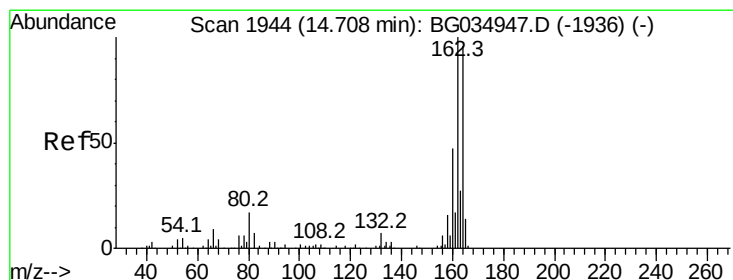
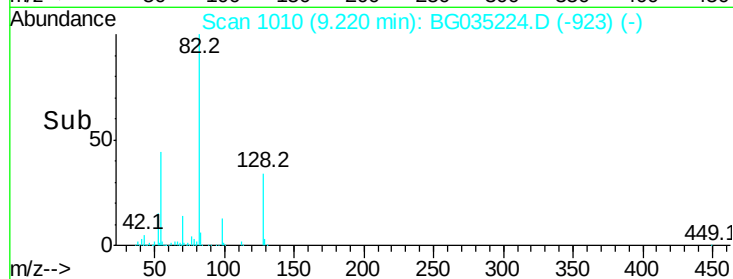
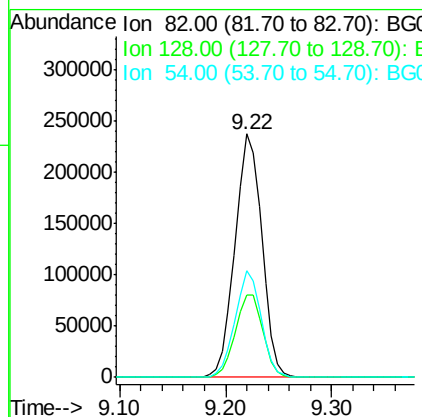
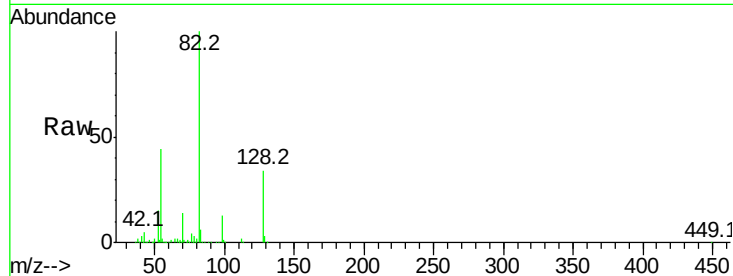




#23
 Nitrobenzene-d5
 Concen: 114.949 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035224.D
 Acq: 18 Jun 2018 18:31

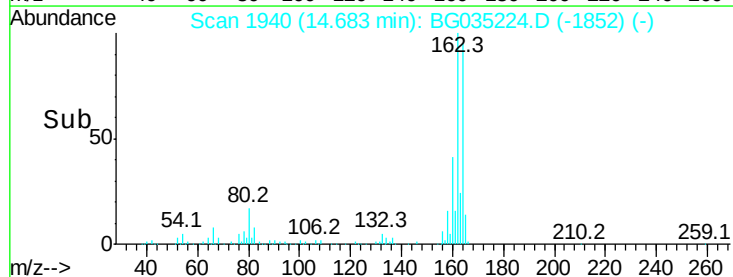
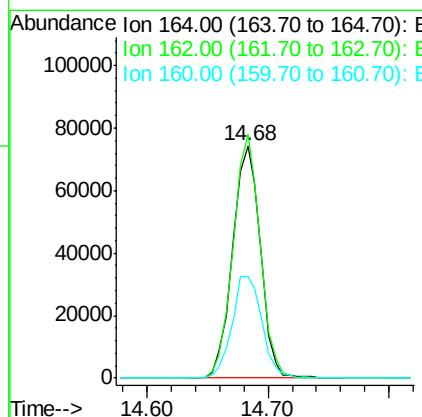
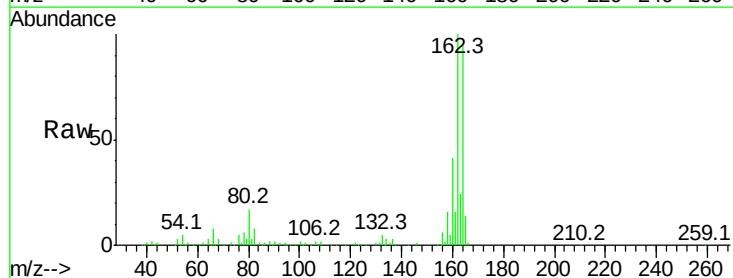
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-FIELD-BLANK

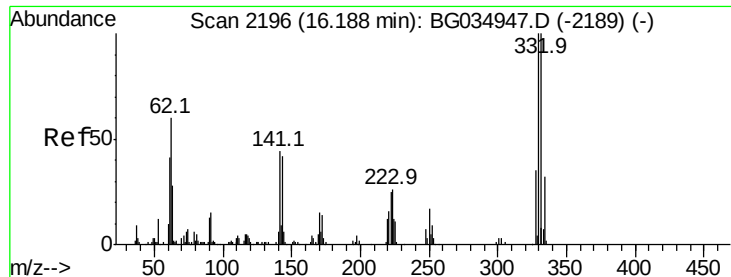
Tot Ion	82	Resp	415906
Ion Ratio	Lower	Upper	
82	100		
128	34.0	29.7	44.5
54	44.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035224.D
 Acq: 18 Jun 2018 18:31

Tgt Ion	164	Resp	118897
Ion Ratio	Lower	Upper	
164	100		
162	104.9	78.8	118.2
160	43.5	35.4	53.0

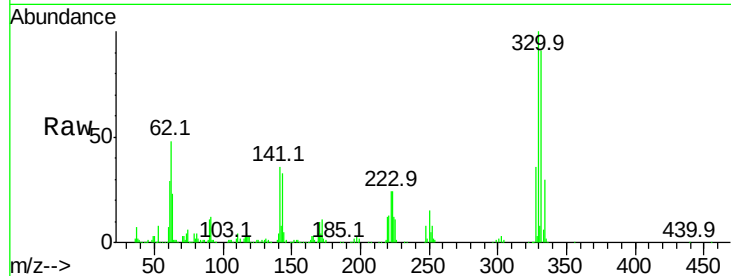




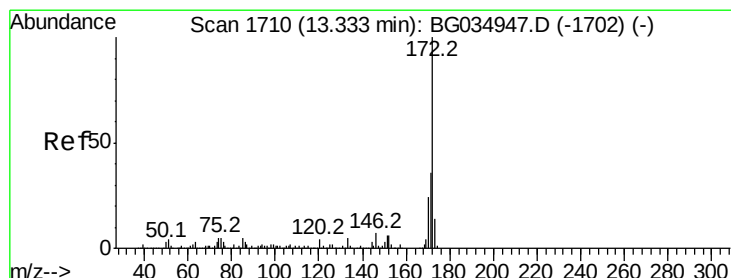
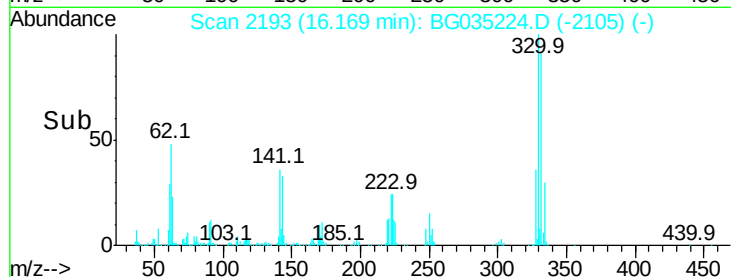
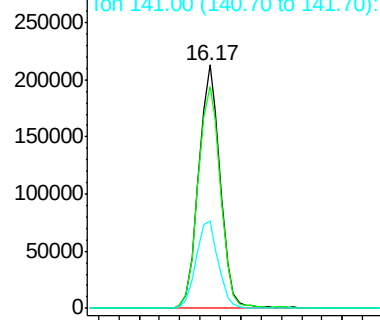
#41
 2,4,6-Tribromophenol
 Concen: 206.212 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035224.D
 Acq: 18 Jun 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-FIELD-BLANK

Tot Ion:330 Resp: 313861
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 37.0 25.2 37.8

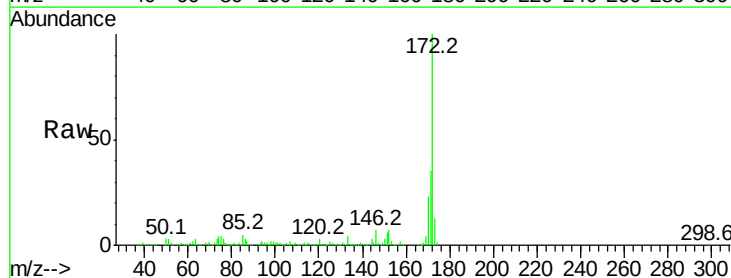


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

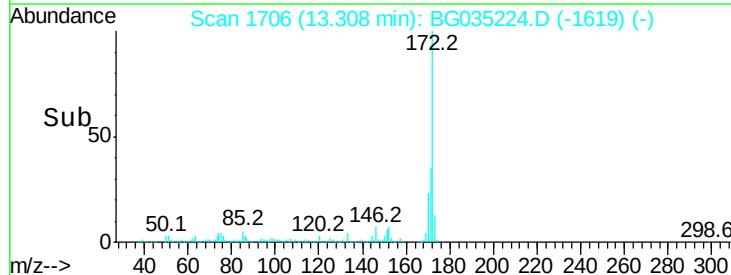
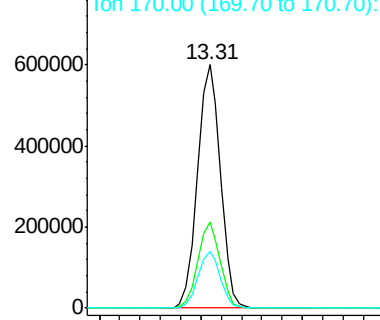


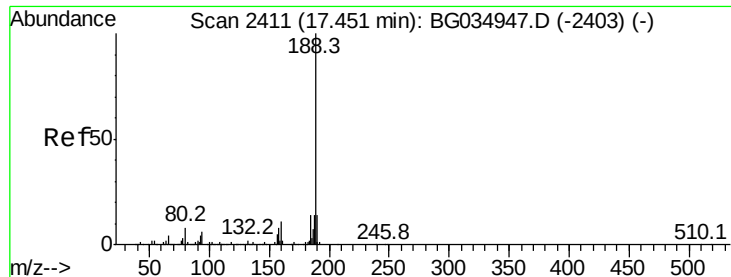
#44
 2-Fluorobiphenyl
 Concen: 102.825 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035224.D
 Acq: 18 Jun 2018 18:31

Tgt Ion:172 Resp: 940428
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.2 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

Instrument :

BNA_G

ClientSampleId :

SOIL-FIELD-BLANK

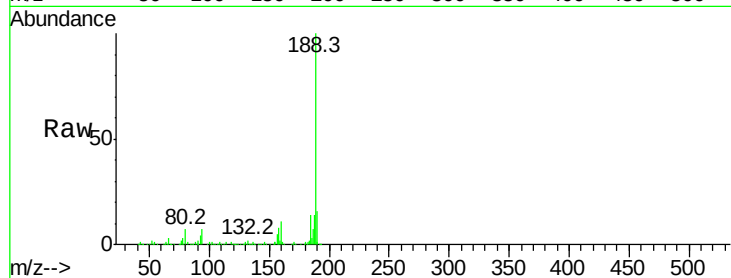
Tot Ion:188 Resp: 350343

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 7.3 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

300000

250000

200000

150000

100000

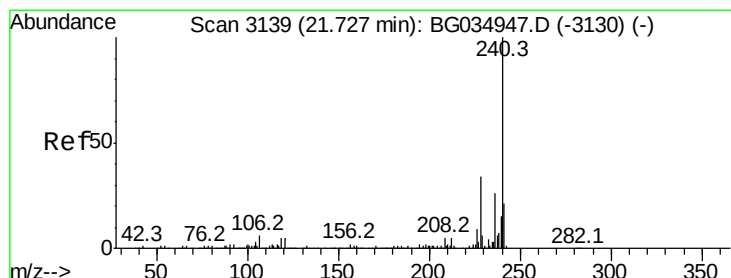
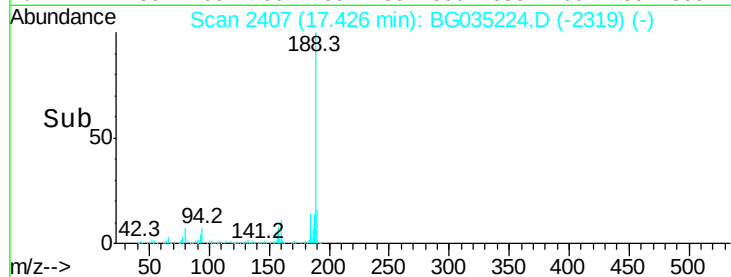
50000

0

17.43

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.03 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

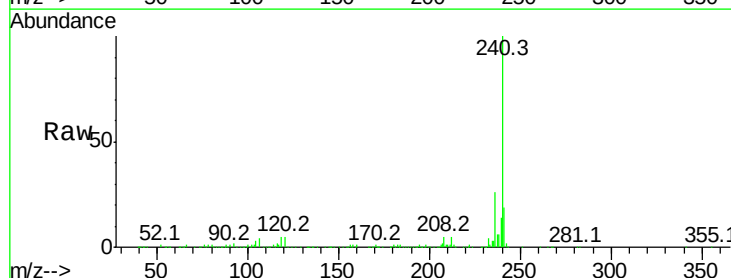
Tgt Ion:240 Resp: 401611

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

236 25.6 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

300000

200000

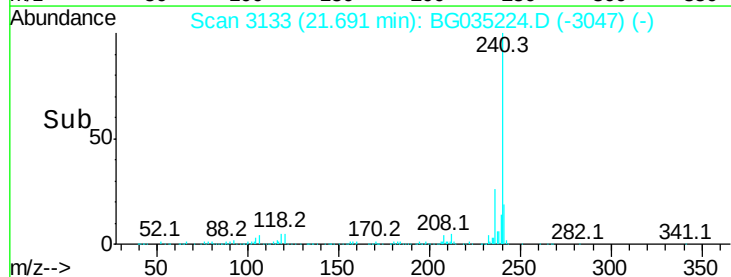
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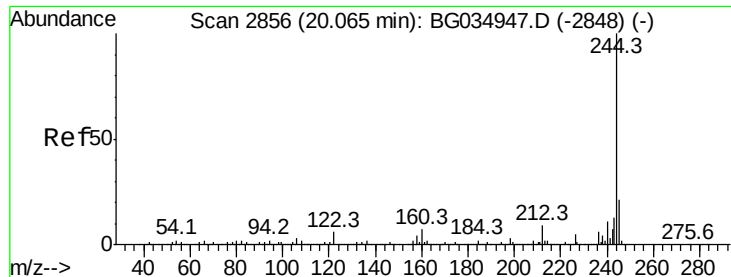
0

21.69

21.60 21.70 21.80

Time-->





#78

Terphenyl-d14

Concen: 117.824 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

Instrument :

BNA_G

ClientSampleId :

SOIL-FIELD-BLANK

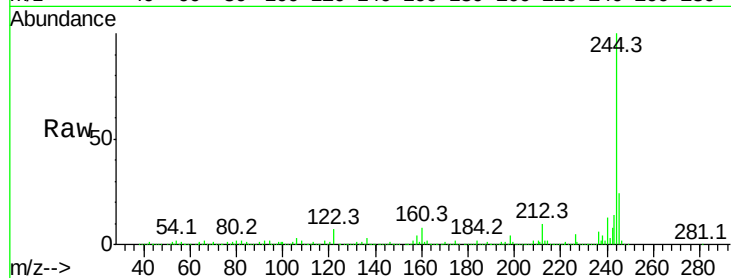
Tot Ion:244 Resp: 2259031

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

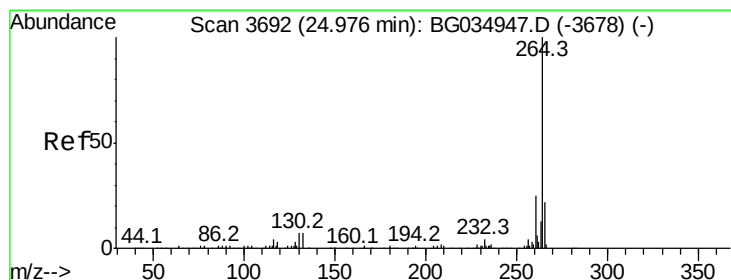
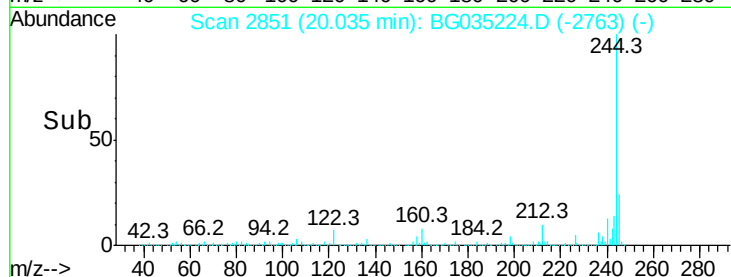
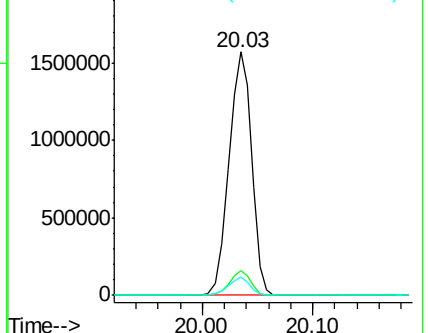
122 7.4 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035224.D

Acq: 18 Jun 2018 18:31

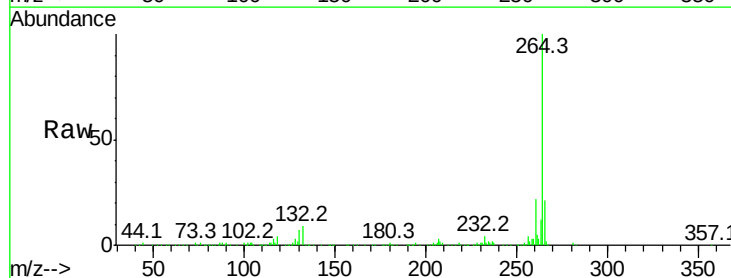
Tgt Ion:264 Resp: 365212

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.3 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

