

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041035.D
 Acq On : 3 Jun 2019 15:37
 Operator : HP/JU
 Sample : K3040-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0445-FIELD-BLANK-2

Quant Time: Jun 04 08:15:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	65224	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	256317	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	183750	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	455011	20.00	ng	0.00
76) Chrysene-d12	21.77	240	467206	20.00	ng	-0.01
87) Perylene-d12	25.11	264	490641	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	236031	65.25	ng	0.00
7) Phenol-d6	7.26	99	219377	39.27	ng	0.00
23) Nitrobenzene-d5	9.30	82	506842	87.78	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	357398	131.02	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1125429	88.20	ng	0.00
79) Terphenyl-d14	20.09	244	1940457	88.15	ng	0.00

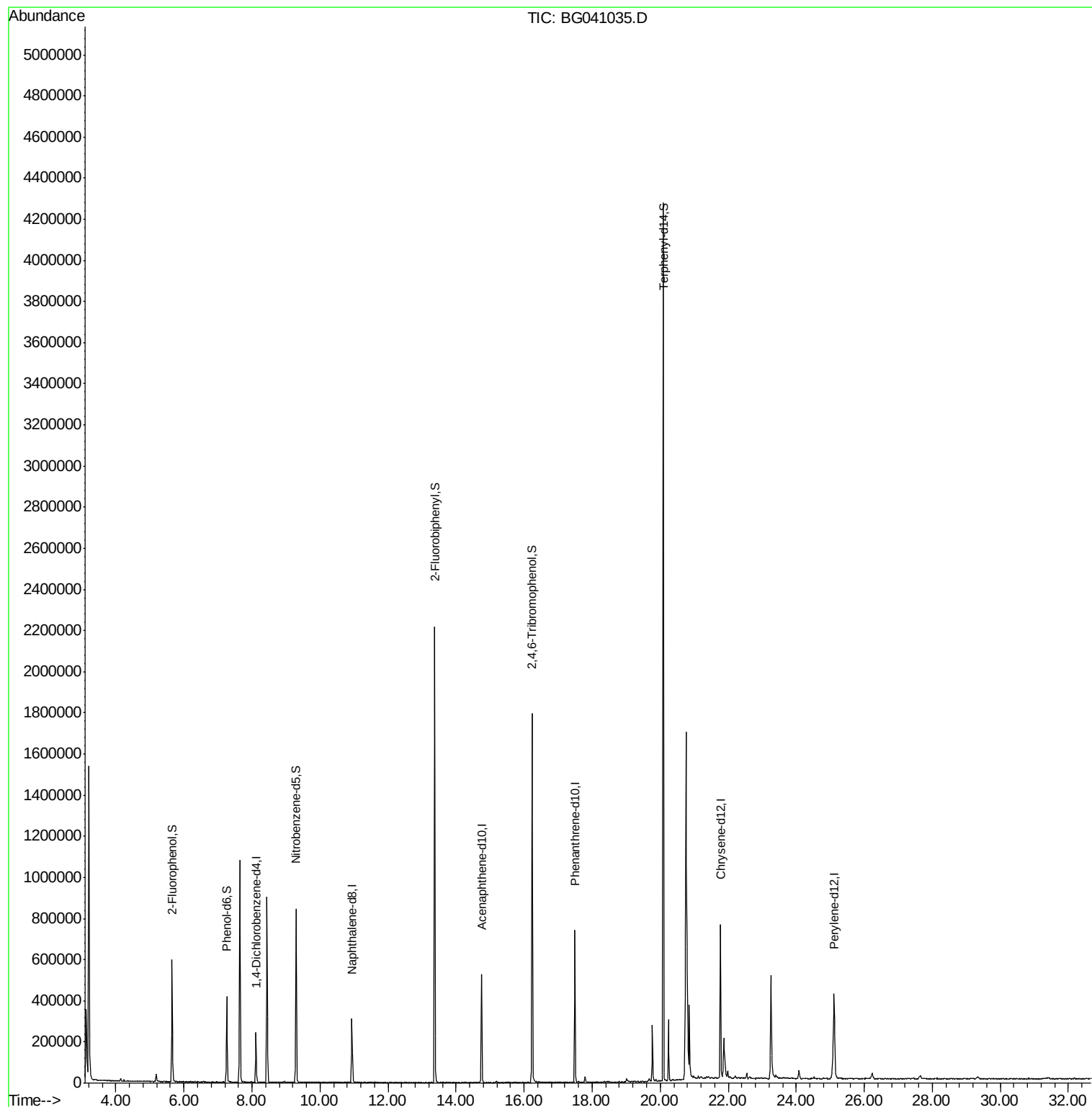
Target Compounds Qvalue

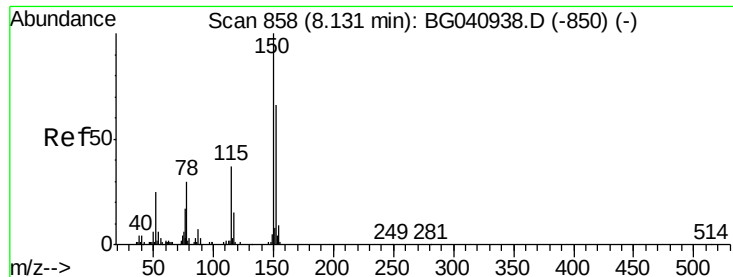
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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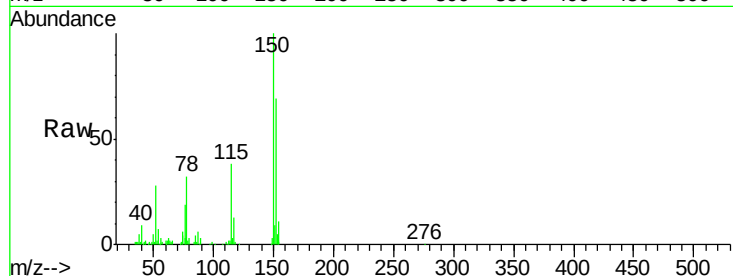


#1

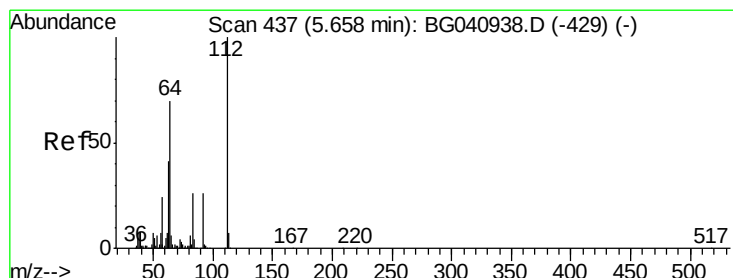
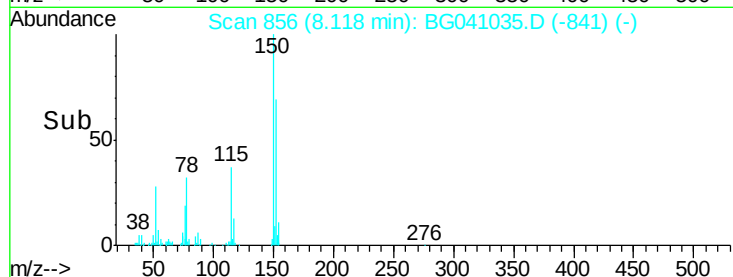
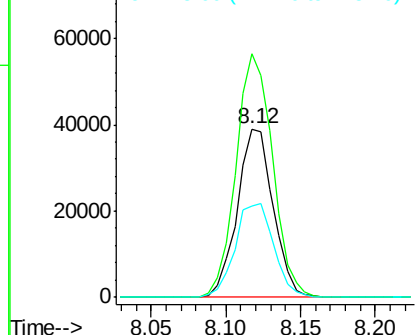
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041035.D
Acq: 3 Jun 2019 15:37

Instrument :
BNA_G
ClientSampleId :
0445-FIELD-BLANK-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	120.6	180.8
115	54.6	45.1	67.7



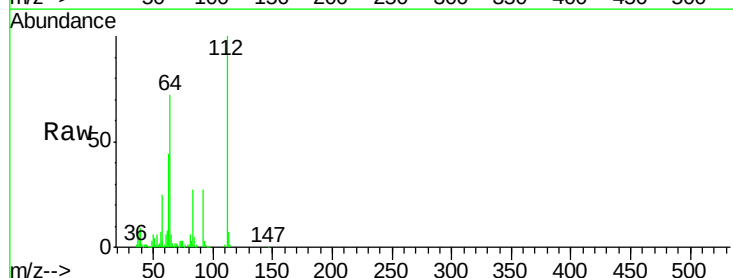
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



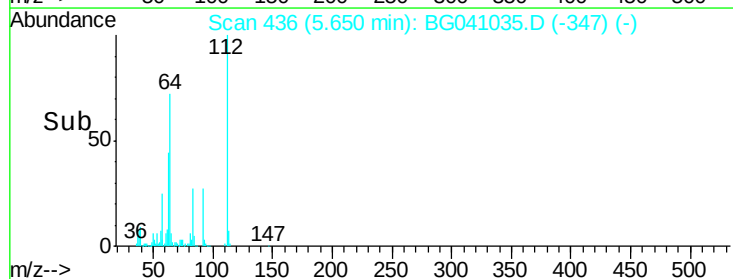
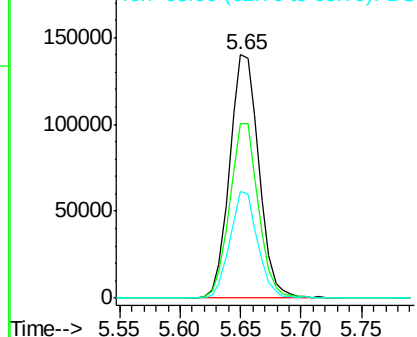
#5

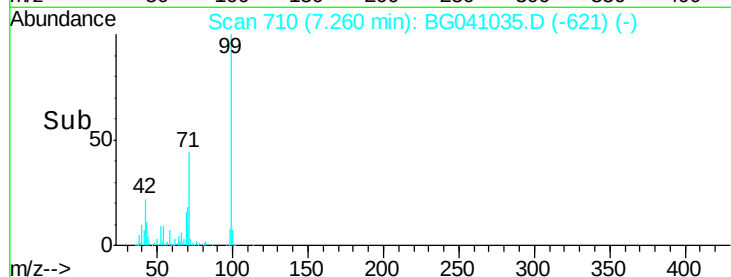
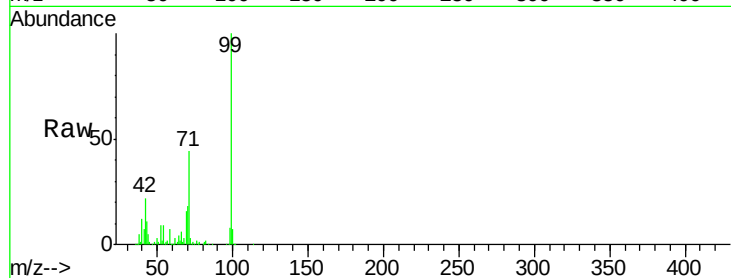
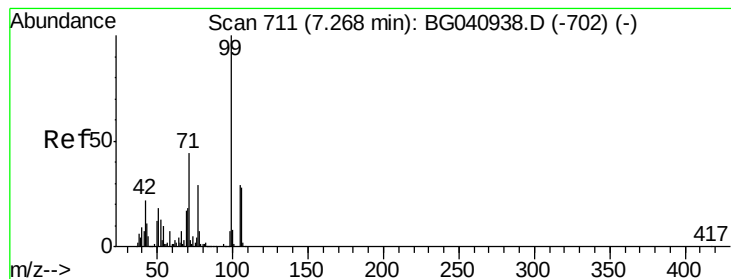
2-Fluorophenol
Concen: 65.254 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041035.D
Acq: 3 Jun 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.2	84.2
63	43.8	32.8	49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.271 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Instrument :

BNA_G

ClientSampleId :

0445-FIELD-BLANK-2

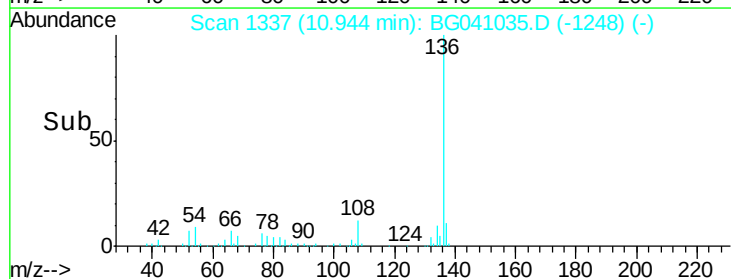
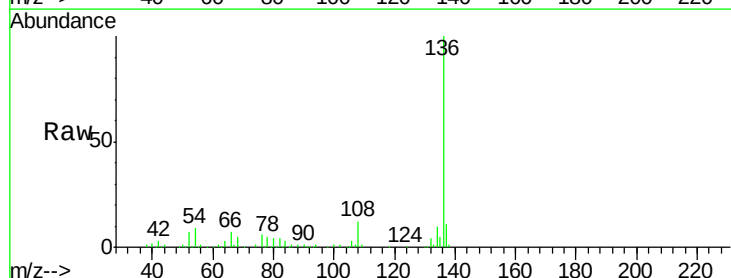
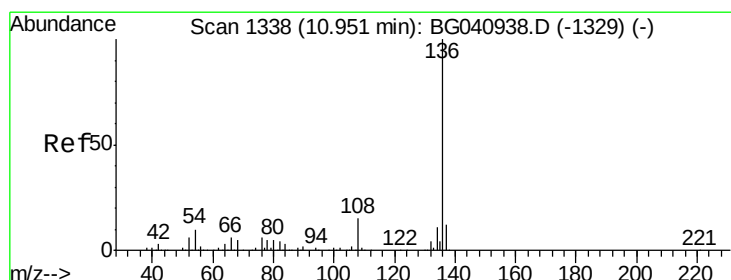
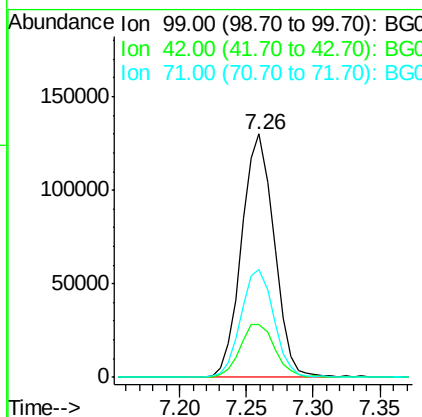
Tot Ion: 99 Resp: 219377

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

71 44.4 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Tgt Ion: 136 Resp: 256317

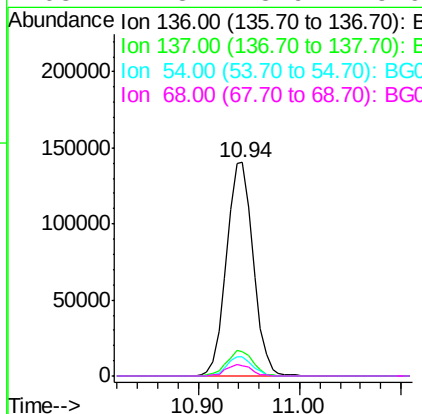
Ion Ratio Lower Upper

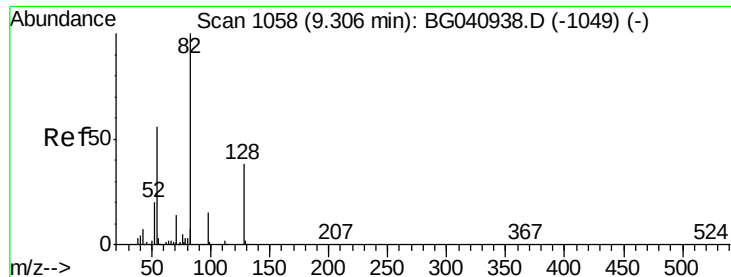
136 100

137 11.2 9.5 14.3

54 8.8 7.6 11.4

68 4.8 3.9 5.9





#23

Nitrobenzene-d5

Concen: 87.784 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Instrument :

BNA_G

ClientSampleId :

0445-FIELD-BLANK-2

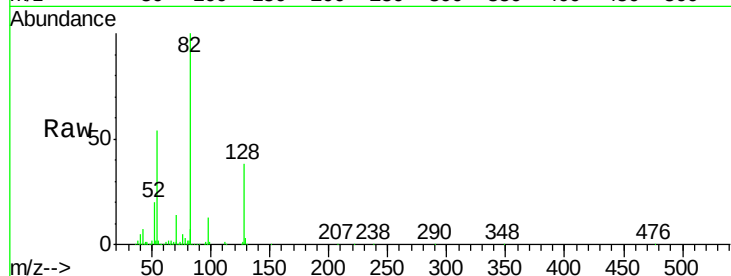
Tot Ion: 82 Resp: 506842

Ion Ratio Lower Upper

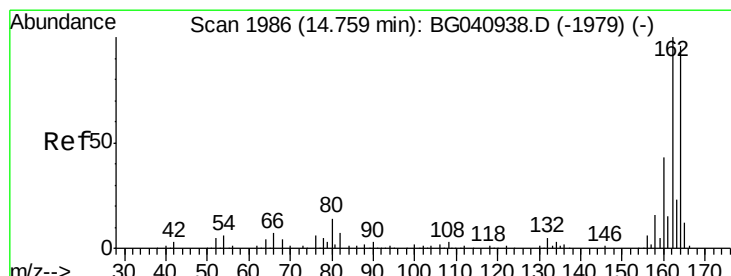
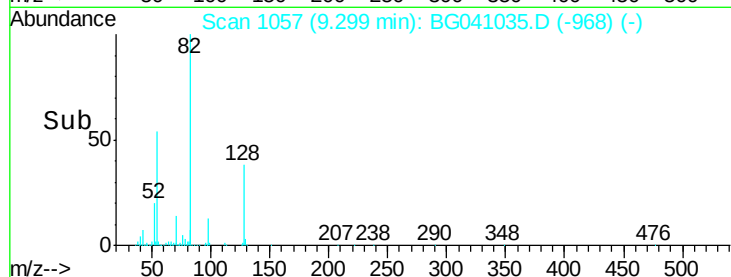
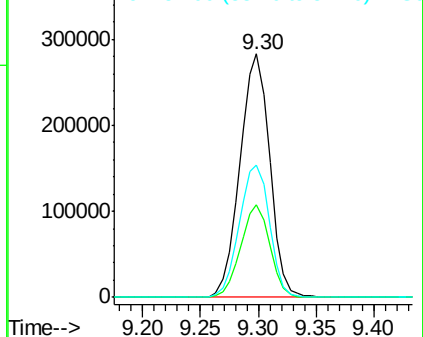
82 100

128 37.9 30.5 45.7

54 54.2 44.6 66.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

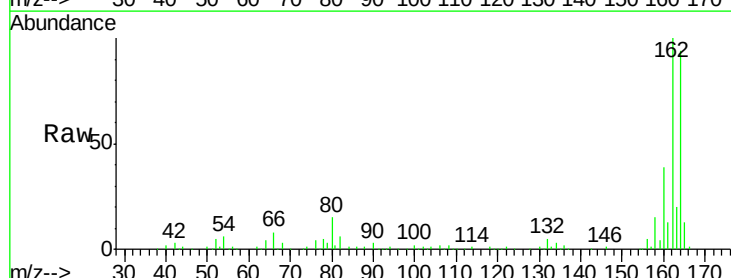
Tgt Ion: 164 Resp: 183750

Ion Ratio Lower Upper

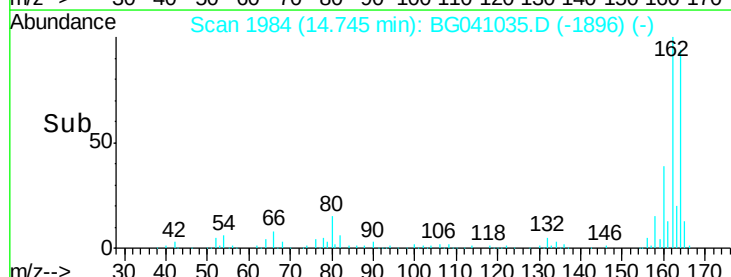
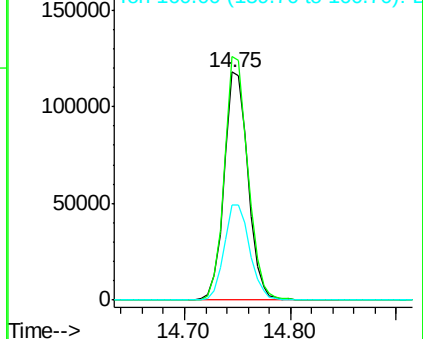
164 100

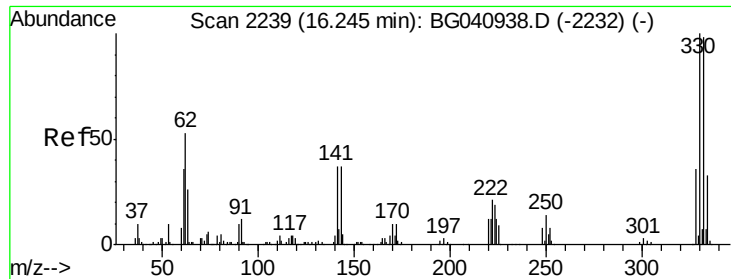
162 106.9 83.0 124.4

160 41.6 35.6 53.4



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





#42

2,4,6-Tribromophenol

Concen: 131.016 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Instrument :

BNA_G

ClientSampleId :

0445-FIELD-BLANK-2

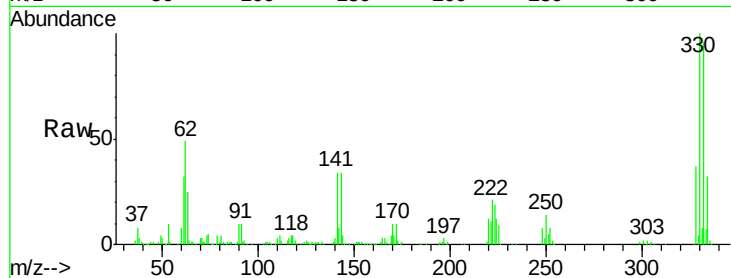
Tot Ion:330 Resp: 357398

Ion Ratio Lower Upper

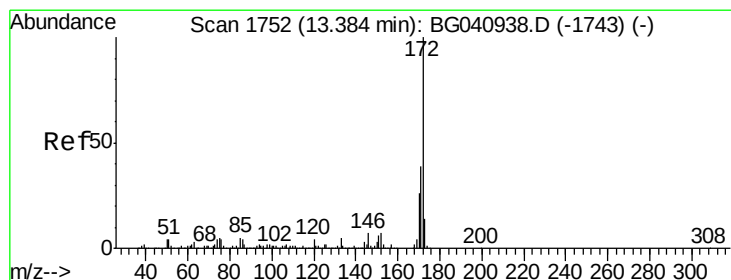
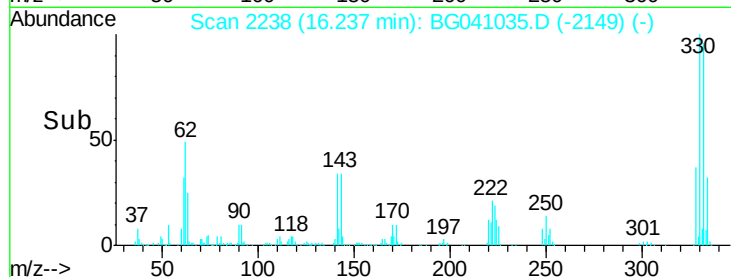
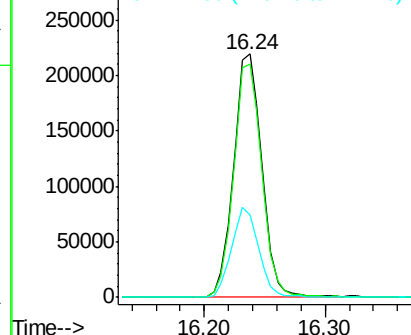
330 100

332 95.8 78.5 117.7

141 35.7 28.7 43.1



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



#45

2-Fluorobiphenyl

Concen: 88.203 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

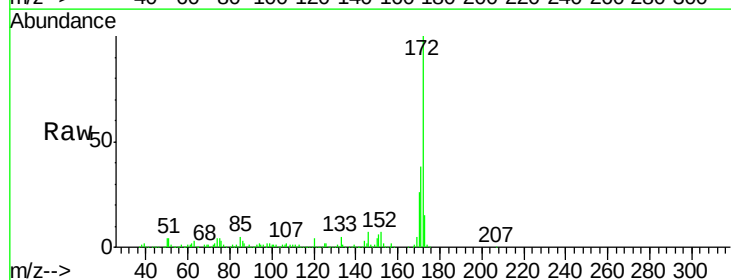
Tgt Ion:172 Resp: 1125429

Ion Ratio Lower Upper

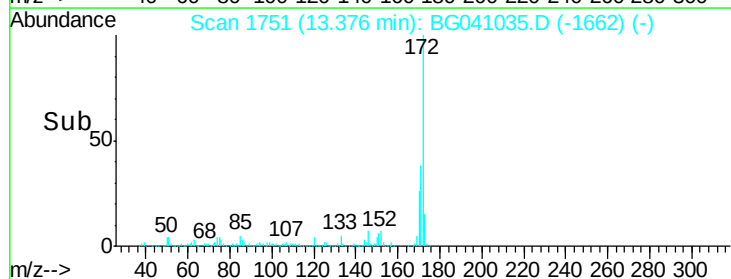
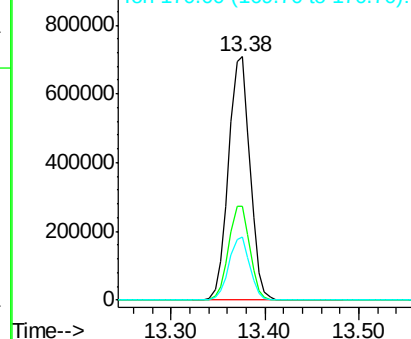
172 100

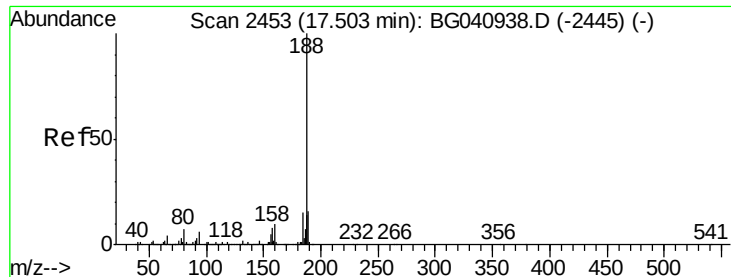
171 38.3 31.1 46.7

170 26.0 20.5 30.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Instrument :

BNA_G

ClientSampleId :

0445-FIELD-BLANK-2

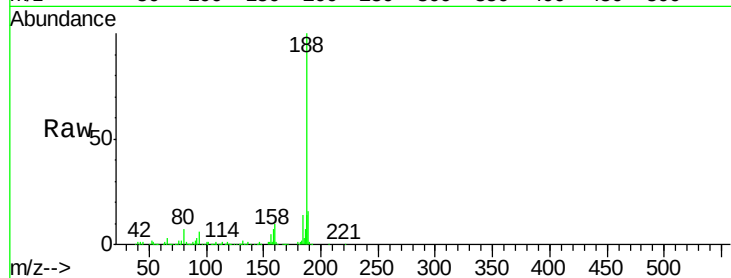
Tot Ion:188 Resp: 455011

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

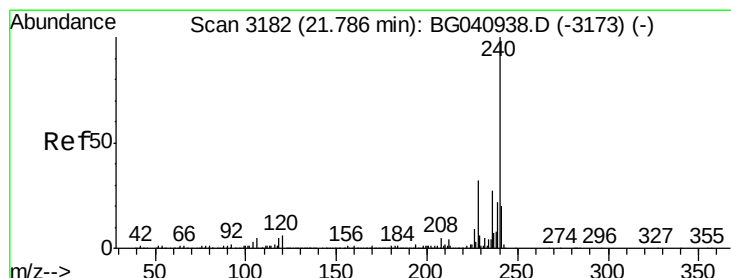
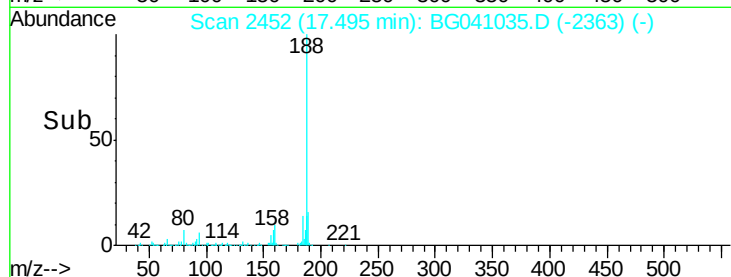
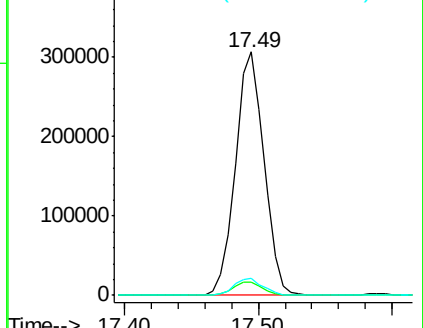
80 7.1 5.8 8.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

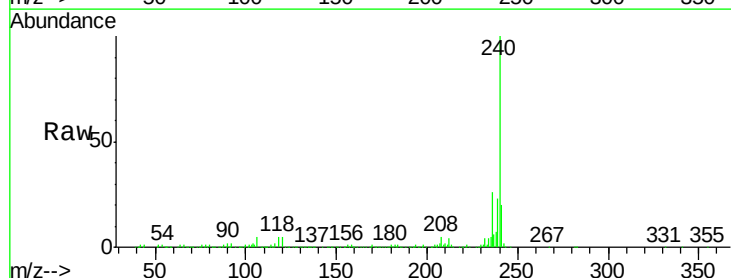
Tgt Ion:240 Resp: 467206

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

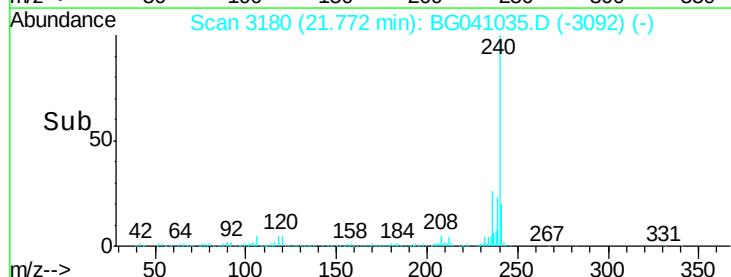
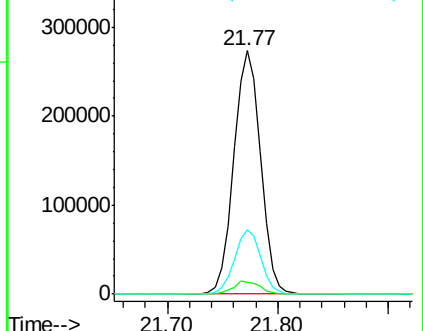
236 26.4 21.3 31.9

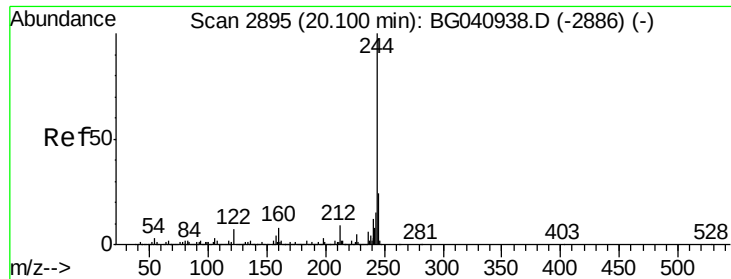


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.148 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Instrument :

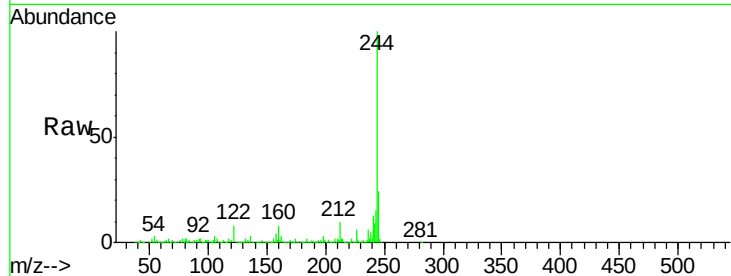
BNA_G

ClientSampleId :

0445-FIELD-BLANK-2

Tot Ion:244 Resp: 1940457

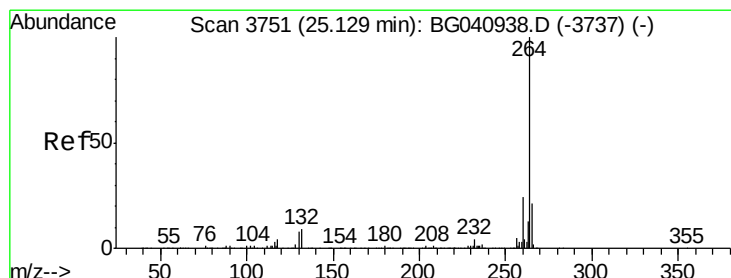
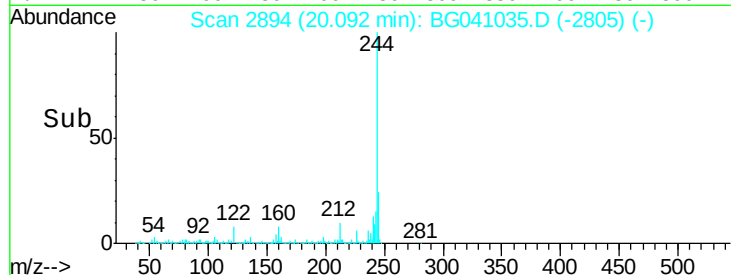
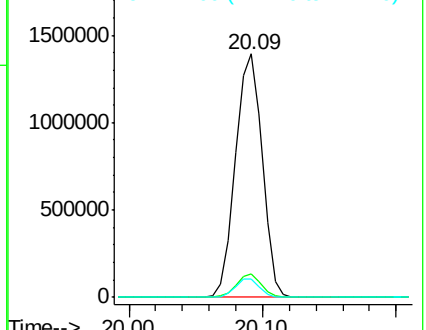
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	7.7	5.4	8.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

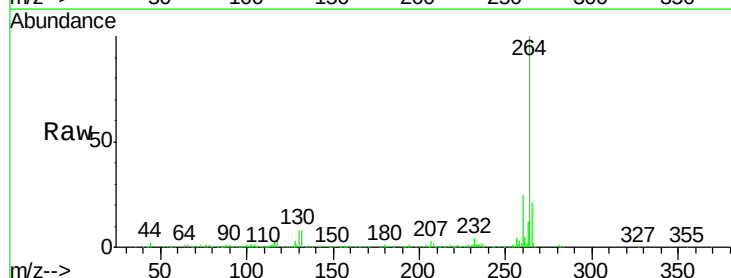
Delta R.T. -0.02 min

Lab File: BG041035.D

Acq: 3 Jun 2019 15:37

Tgt Ion:264 Resp: 490641

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.4
265	20.8	17.0	25.4



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

