

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041135.D
 Acq On : 8 Jun 2019 16:08
 Operator : HP/JU
 Sample : K3156-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-060519

Quant Time: Jun 09 23:23:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	39934	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	157662	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	123309	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	321739	20.00	ng	0.00
76) Chrysene-d12	21.75	240	336986	20.00	ng	0.00
87) Perylene-d12	25.08	264	349659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	292403	132.03	ng	0.00
7) Phenol-d6	7.25	99	386008	112.86	ng	0.00
23) Nitrobenzene-d5	9.28	82	320731	90.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	218818	119.53	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	792011	92.50	ng	0.00
79) Terphenyl-d14	20.07	244	1459777	91.94	ng	0.00

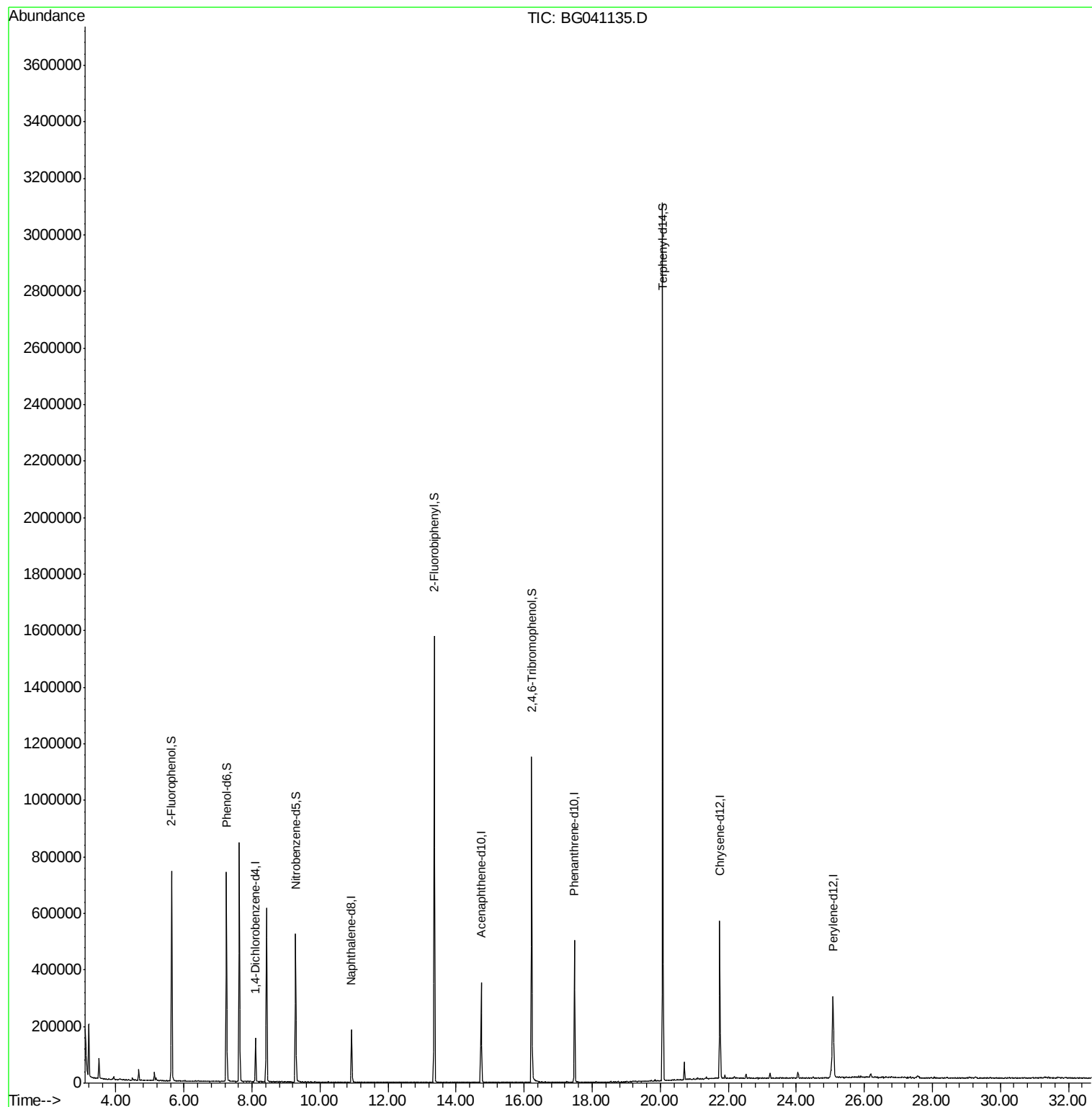
Target Compounds Qvalue

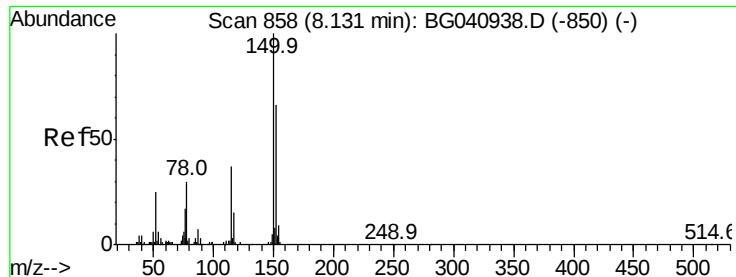
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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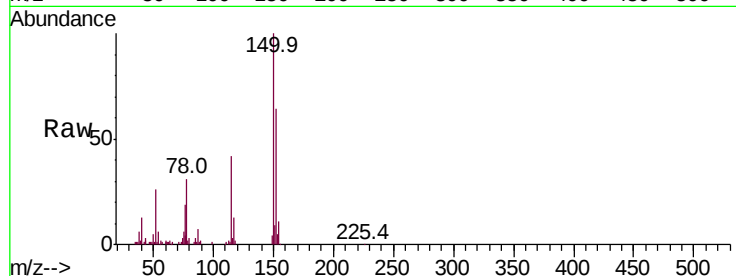


#1

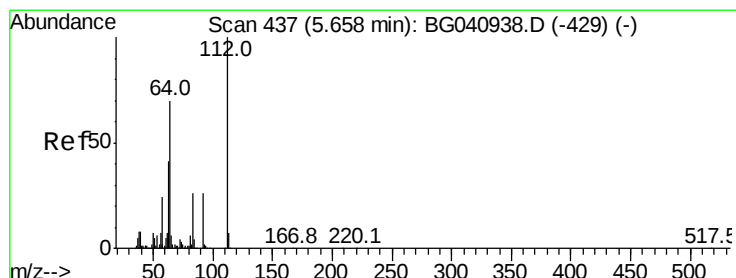
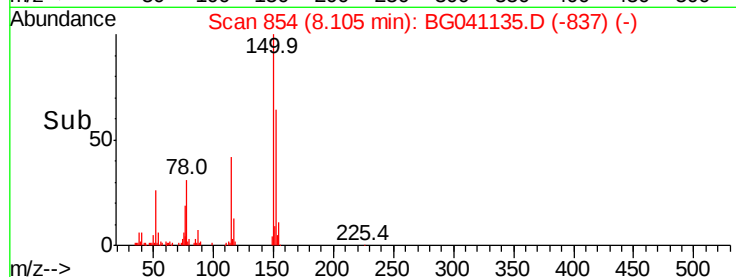
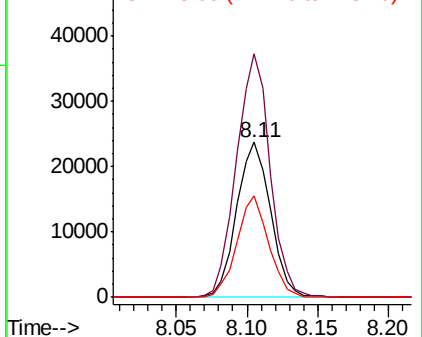
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041135.D
Acq: 8 Jun 2019 16:08

Instrument :
BNA_G
ClientSampleId :
HD-02-060519

Tot Ion:152 Resp: 39934
Ion Ratio Lower Upper
152 100
150 157.2 120.6 180.8
115 65.6 45.1 67.7



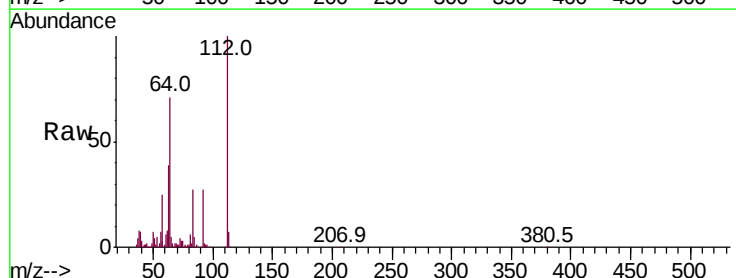
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



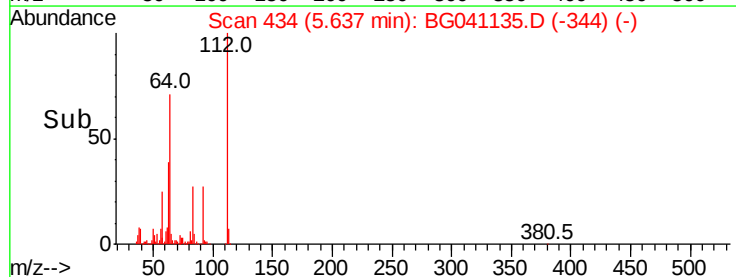
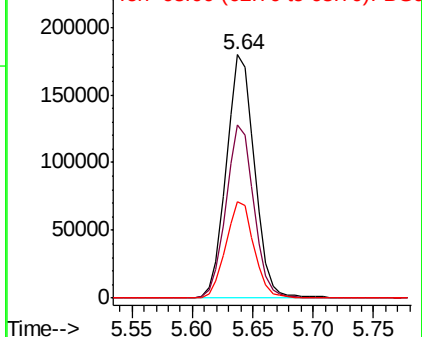
#5

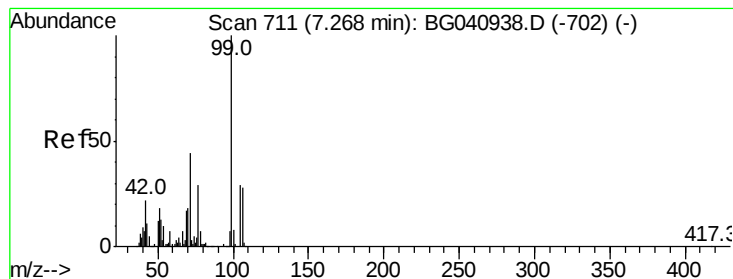
2-Fluorophenol
Concen: 132.034 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041135.D
Acq: 8 Jun 2019 16:08

Tgt Ion:112 Resp: 292403
Ion Ratio Lower Upper
112 100
64 71.4 56.2 84.2
63 39.4 32.8 49.2



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: 112.860 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Instrument :

BNA_G

ClientSampleId :

HD-02-060519

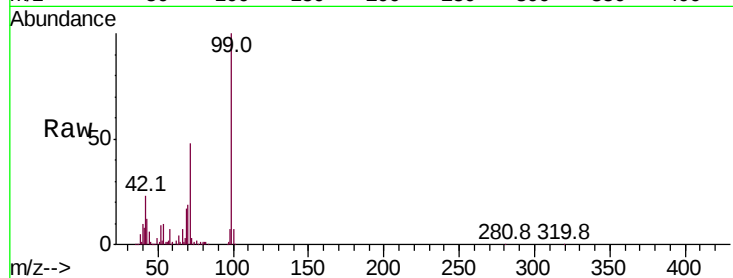
Tot Ion: 99 Resp: 386008

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

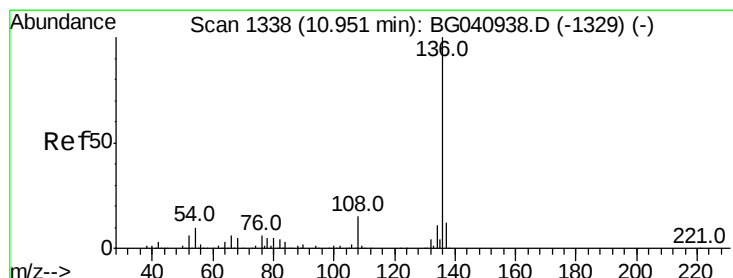
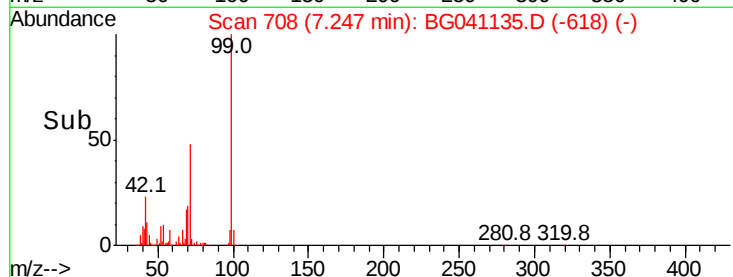
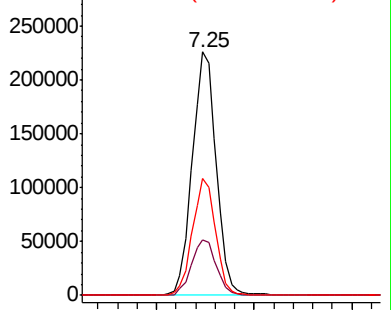
71 47.8 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Tgt Ion: 136 Resp: 157662

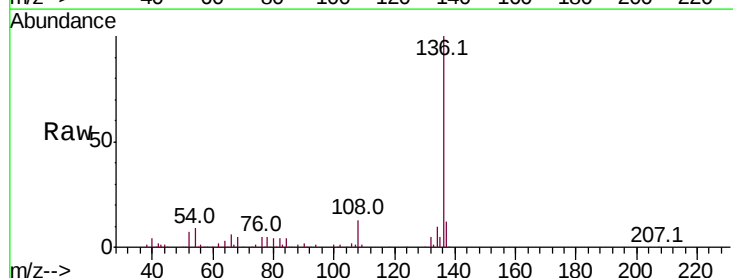
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.5 7.6 11.4

68 4.6 3.9 5.9

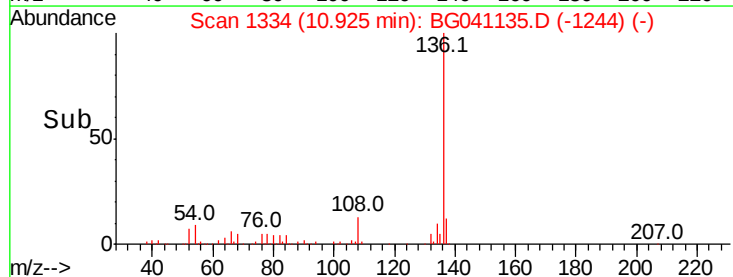
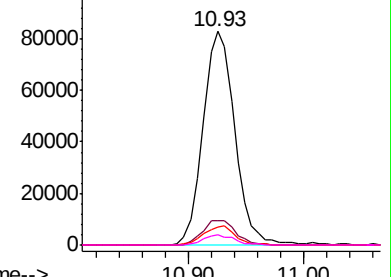


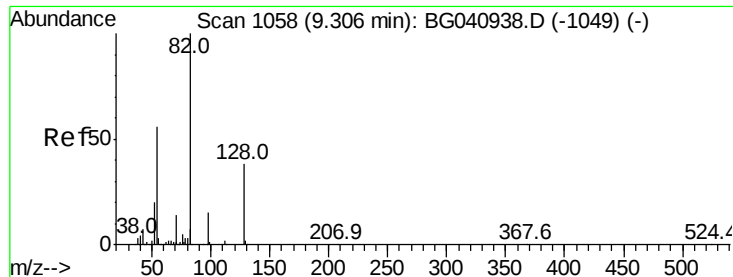
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 90.310 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Instrument :

BNA_G

ClientSampleId :

HD-02-060519

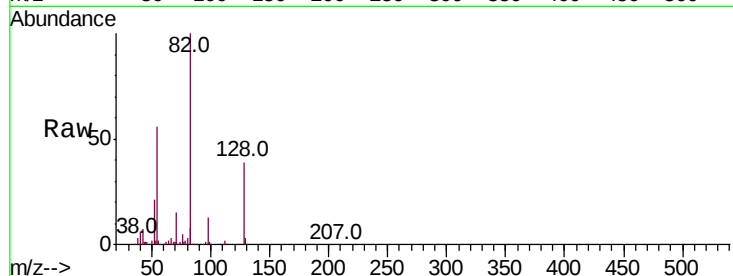
Tot Ion: 82 Resp: 320731

Ion Ratio Lower Upper

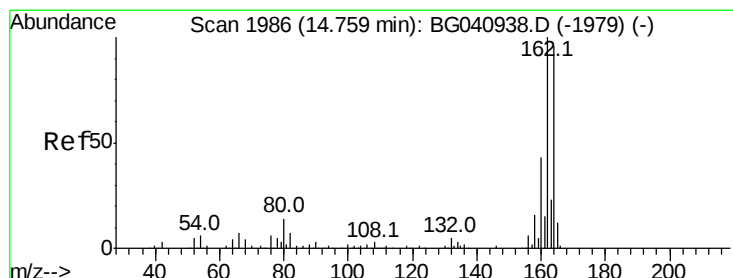
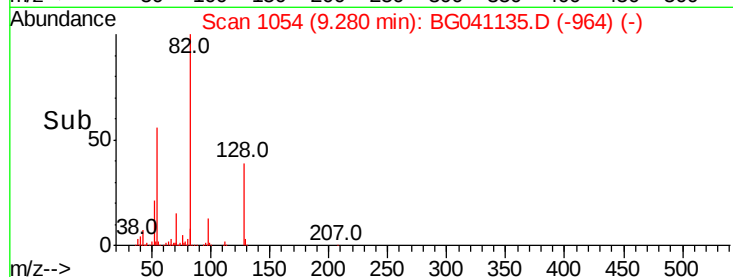
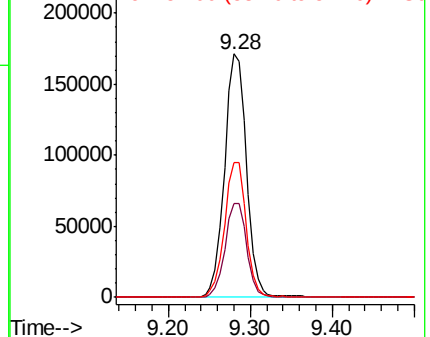
82 100

128 38.6 30.5 45.7

54 55.5 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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

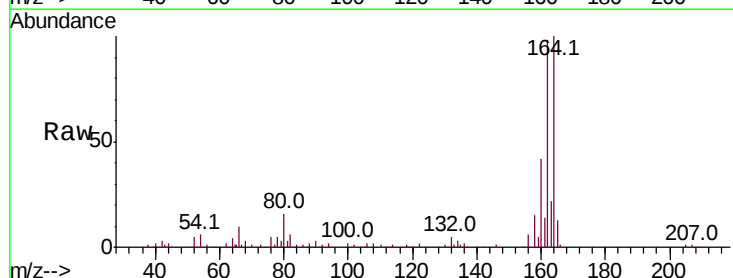
Tgt Ion: 164 Resp: 123309

Ion Ratio Lower Upper

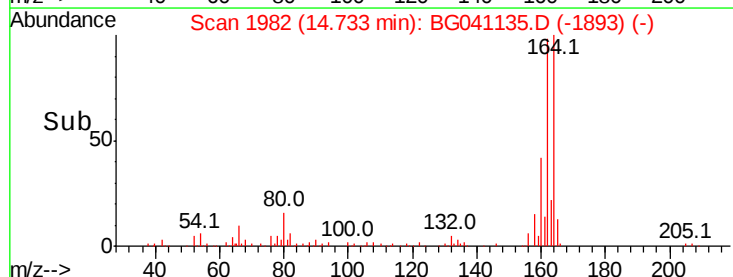
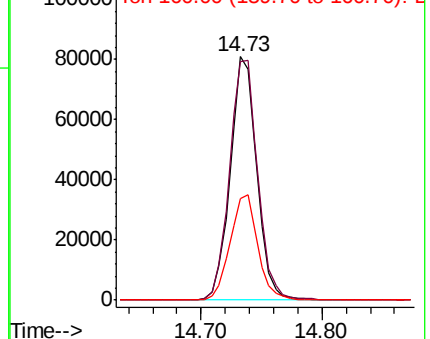
164 100

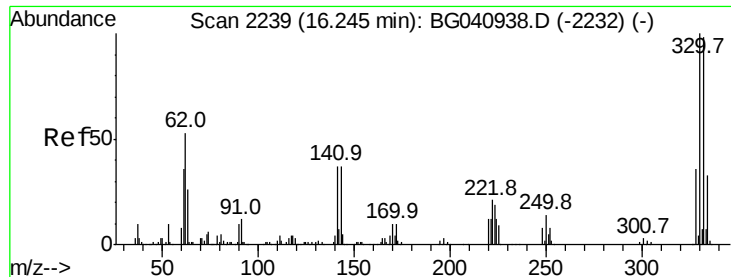
162 98.1 83.0 124.4

160 41.7 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: 119.533 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Instrument :

BNA_G

ClientSampleId :

HD-02-060519

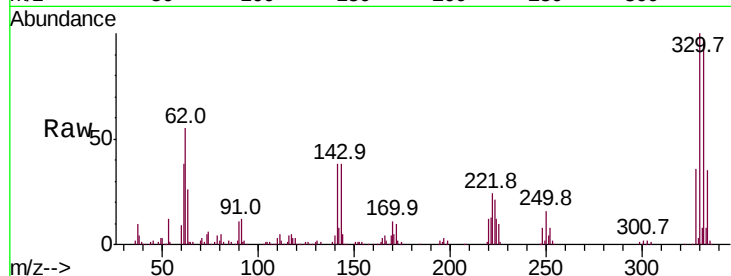
Tot Ion:330 Resp: 218818

Ion Ratio Lower Upper

330 100

332 97.6 78.5 117.7

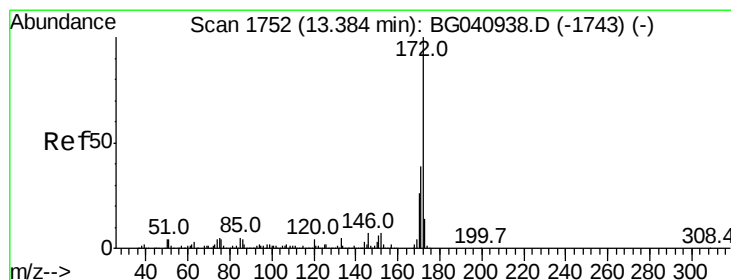
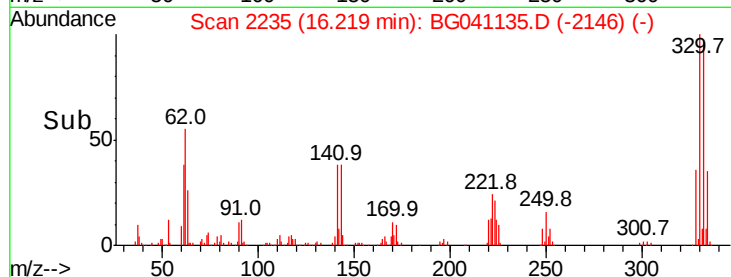
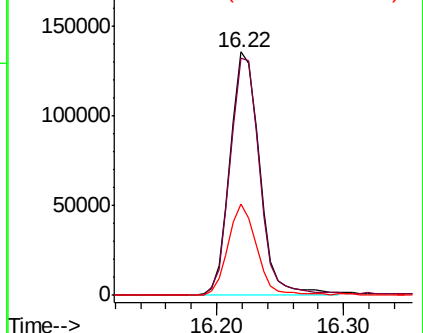
141 36.2 28.7 43.1



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: 92.498 ng

RT: 13.36 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

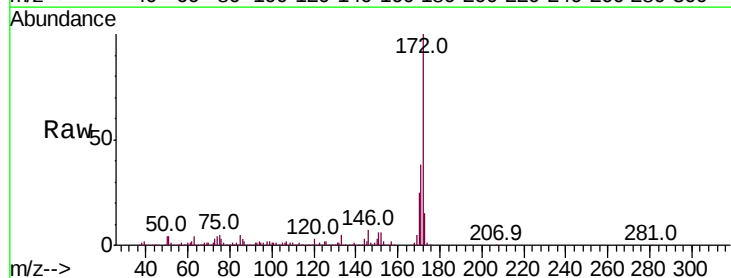
Tgt Ion:172 Resp: 792011

Ion Ratio Lower Upper

172 100

171 37.6 31.1 46.7

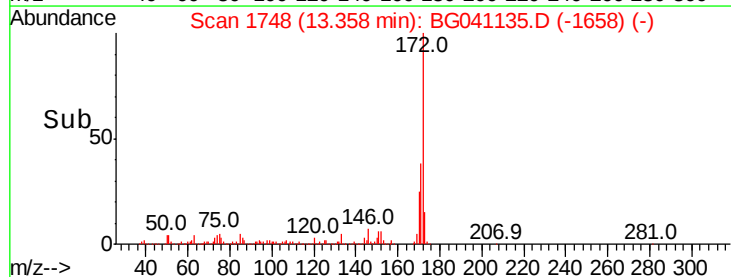
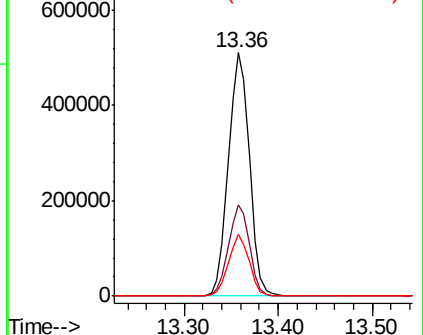
170 25.5 20.5 30.7

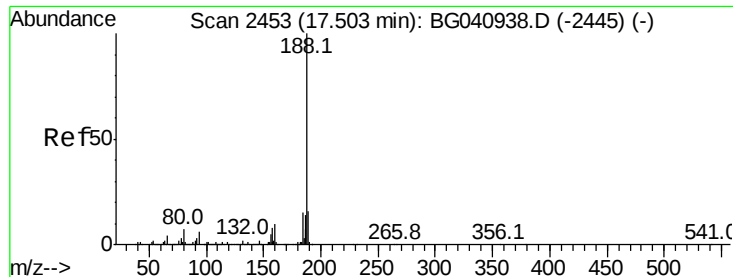


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Instrument :

BNA_G

ClientSampleId :

HD-02-060519

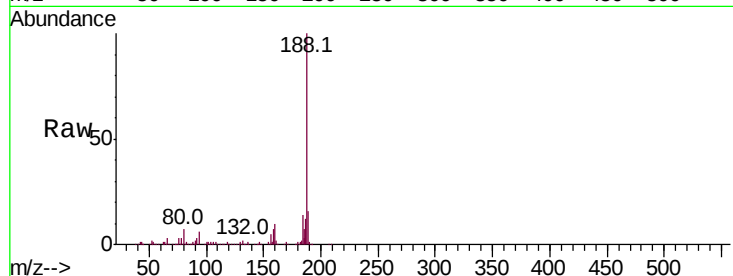
Tot Ion:188 Resp: 321739

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

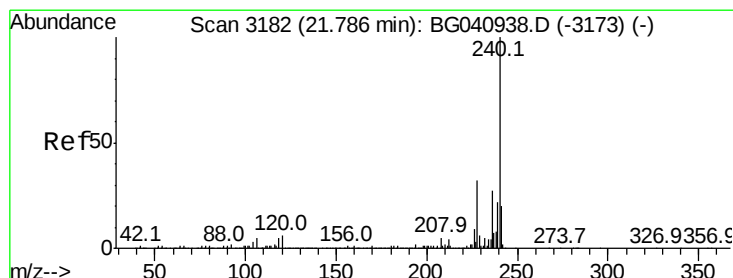
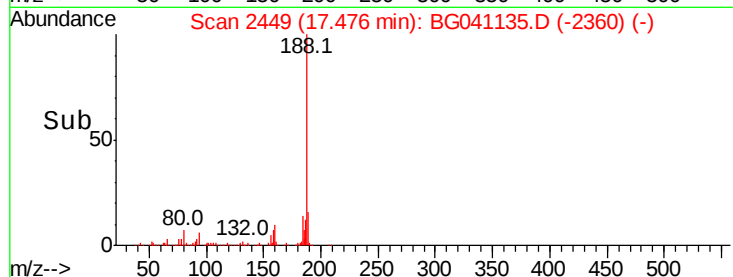
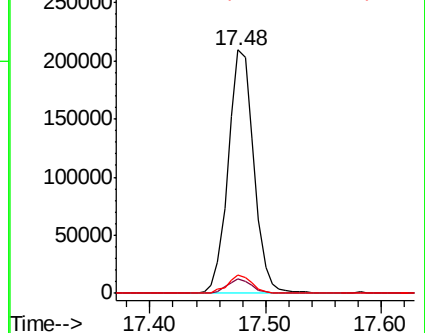
80 7.4 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

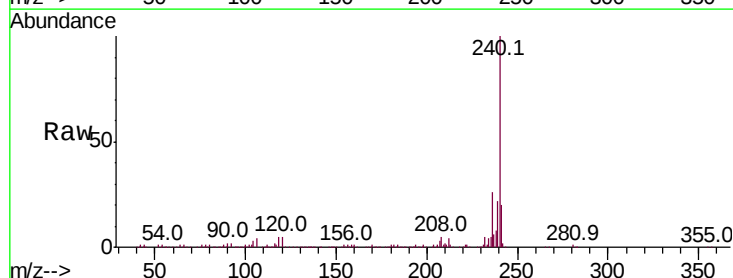
Tgt Ion:240 Resp: 336986

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

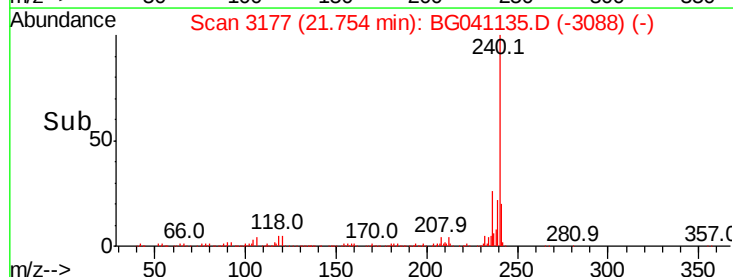
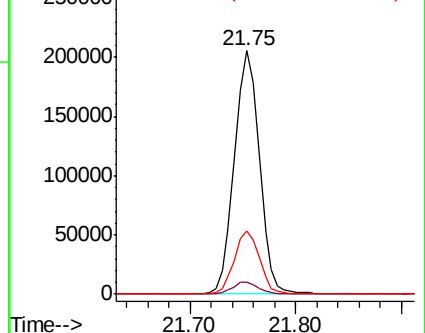
236 26.0 21.3 31.9

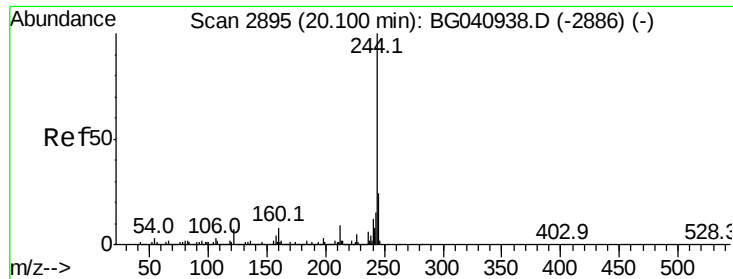


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.937 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Instrument :

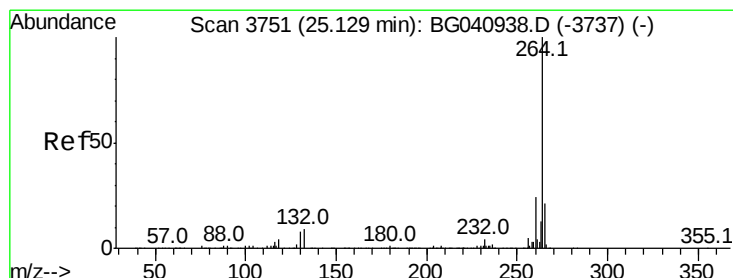
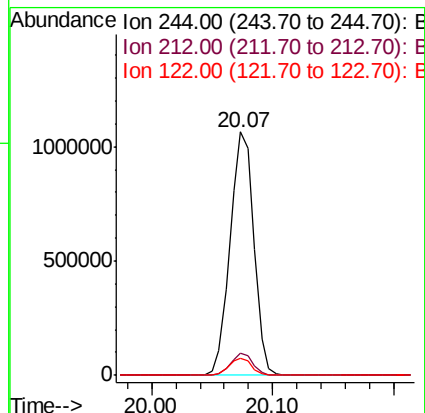
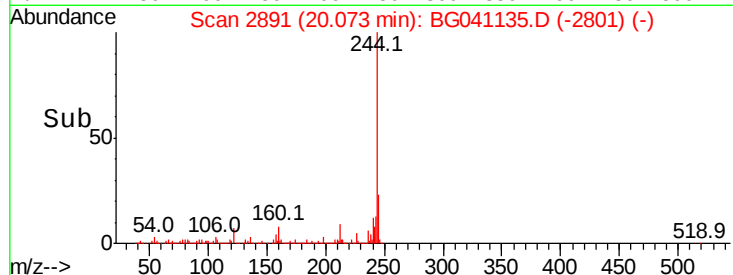
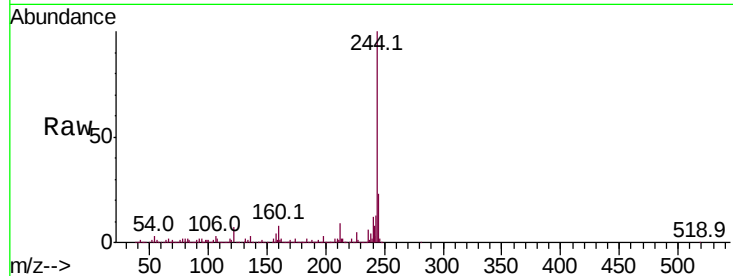
BNA_G

ClientSampleId :

HD-02-060519

Tot Ion:244 Resp: 1459777

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.3	5.4	8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG041135.D

Acq: 8 Jun 2019 16:08

Tgt Ion:264 Resp: 349659

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	21.3	17.0	25.4

