

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040612.D
 Acq On : 25 Apr 2019 16:07
 Operator : JU/SJ
 Sample : K2542-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Apr 26 00:17:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	49063	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	191567	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	140780	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	384331	20.00	ng	0.00
76) Chrysene-d12	21.81	240	419224	20.00	ng	-0.01
87) Perylene-d12	25.19	264	426402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	328497	118.02	ng	0.00
7) Phenol-d6	7.29	99	424156	98.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	401289	96.79	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	259531	134.12	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	817108	83.82	ng	0.00
79) Terphenyl-d14	20.13	244	1772206	93.65	ng	0.00

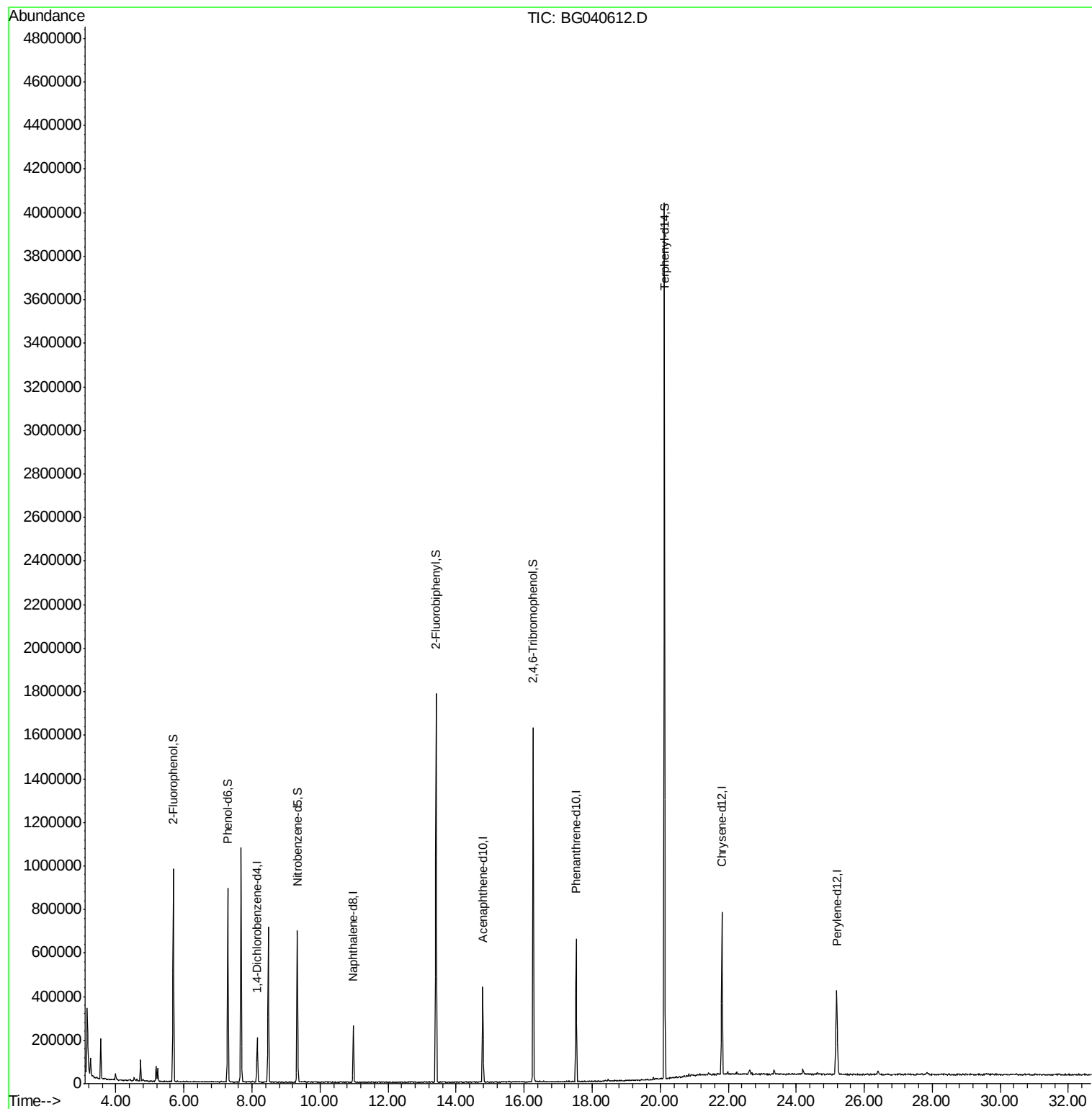
Target Compounds Qvalue

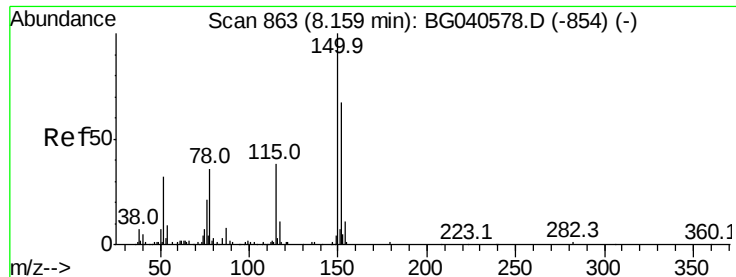
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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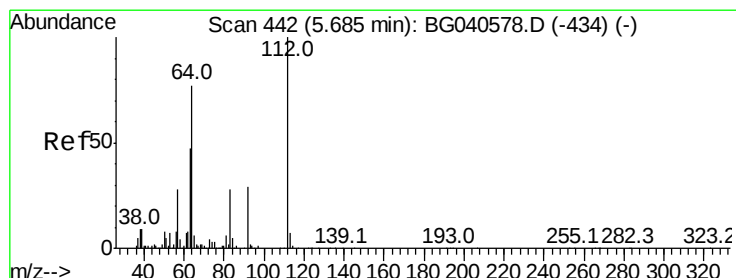
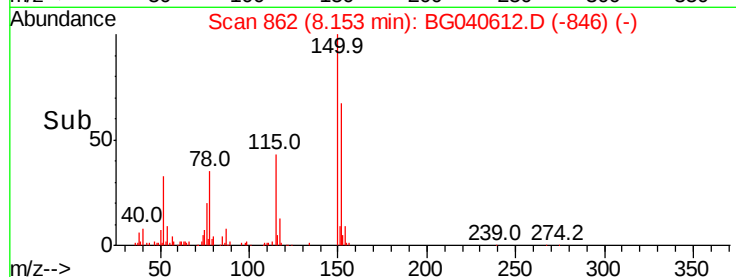
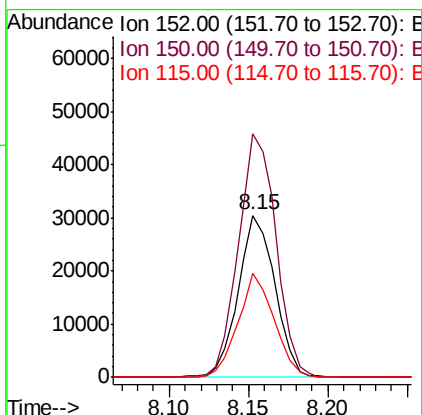
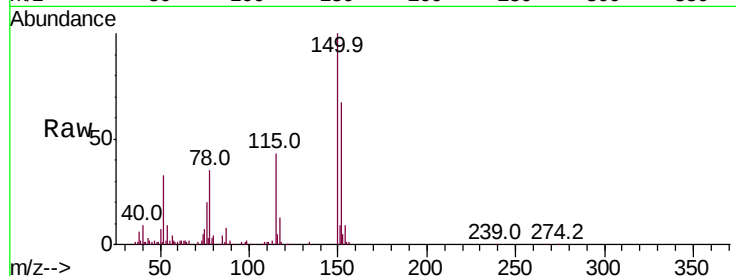


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040612.D
Acq: 25 Apr 2019 16:07

Instrument :
BNA_G
ClientSampleId :
TP-8

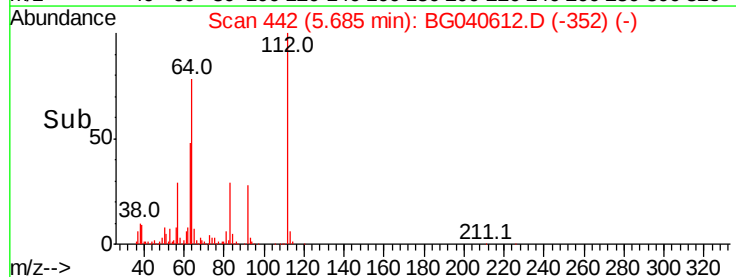
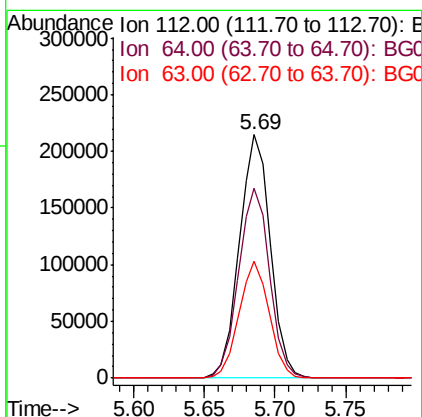
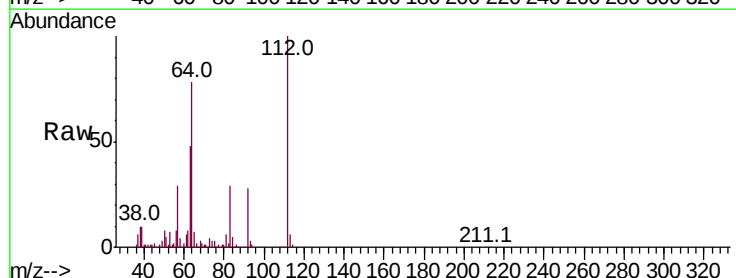
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.2	180.2
115	63.9	46.2	69.2

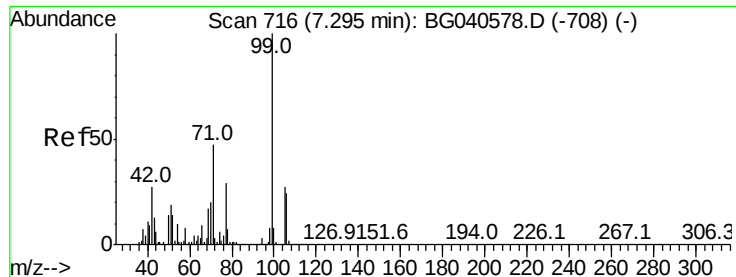


#5

2-Fluorophenol
Concen: 118.024 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040612.D
Acq: 25 Apr 2019 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	61.4	92.0
63	47.8	37.8	56.6





#7

Phenol-d6

Concen: 98.975 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

Instrument :

BNA_G

ClientSampleId :

TP-8

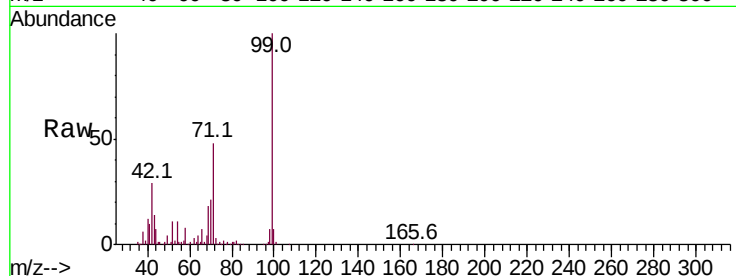
Tot Ion: 99 Resp: 424156

Ion Ratio Lower Upper

99 100

42 29.2 21.8 32.8

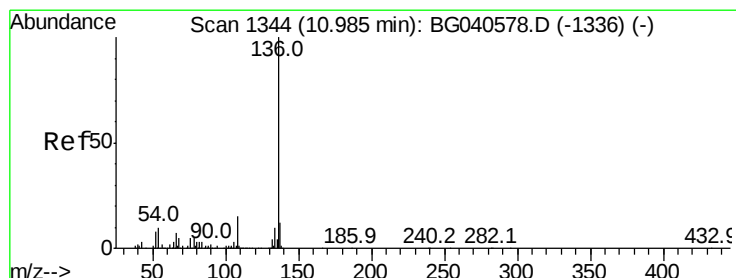
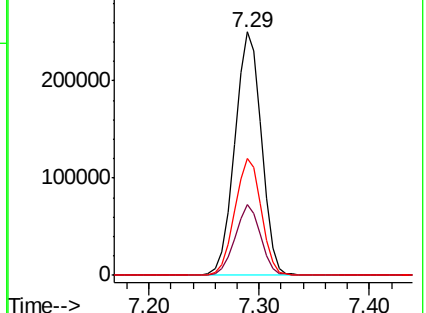
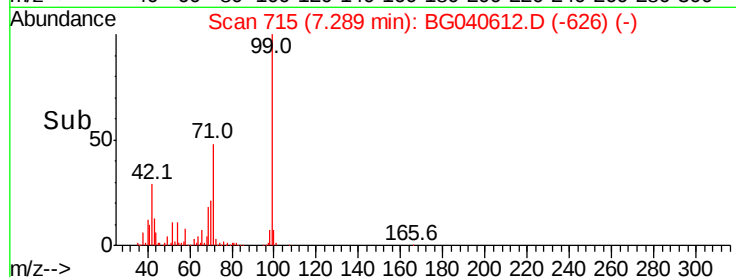
71 47.8 38.6 57.8



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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

Tgt Ion: 136 Resp: 191567

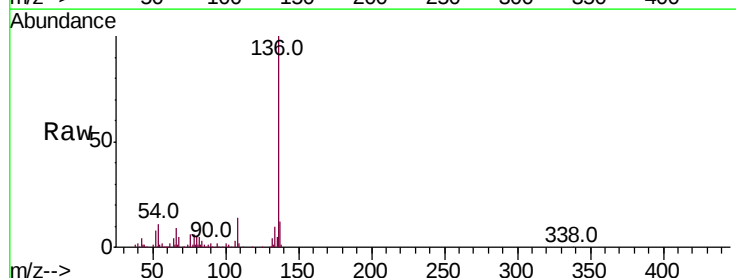
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 11.3 8.6 12.8

68 5.5 4.8 7.2

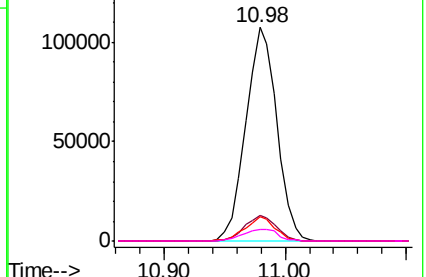
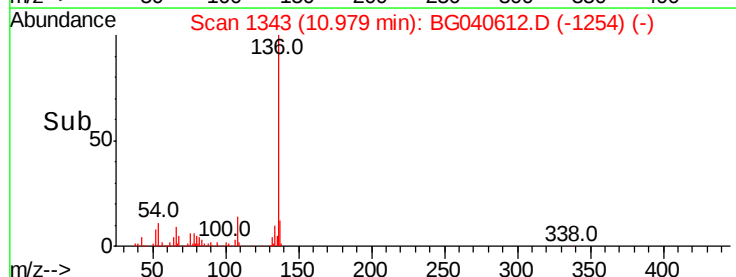


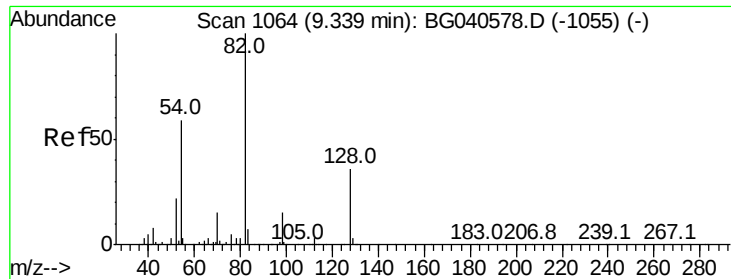
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

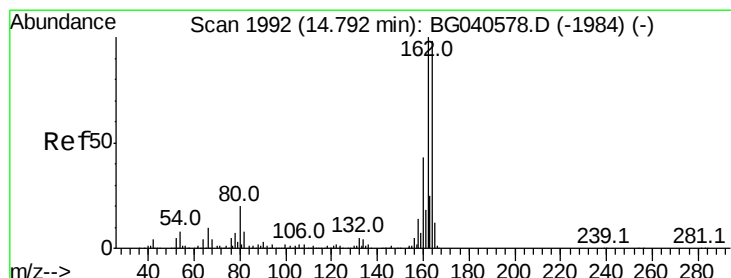
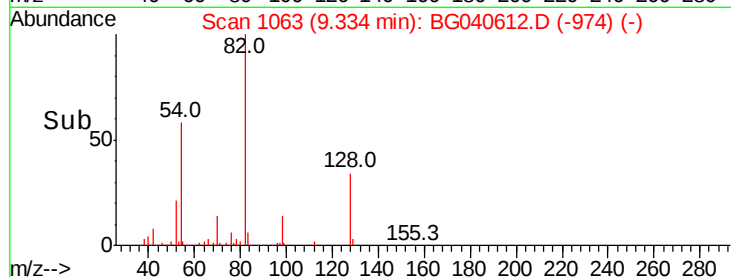
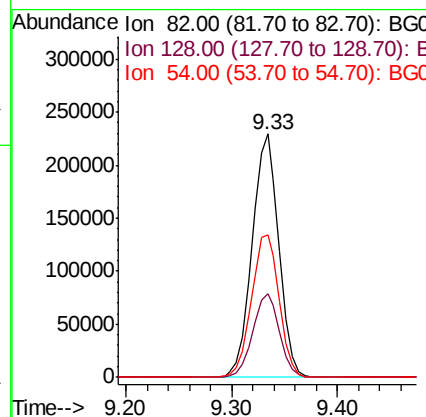
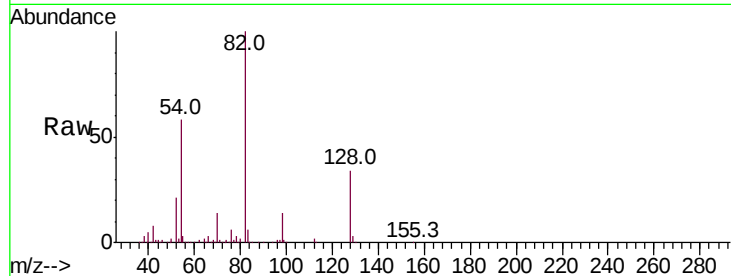




#23
Nitrobenzene-d5
Concen: 96.792 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040612.D
Acq: 25 Apr 2019 16:07

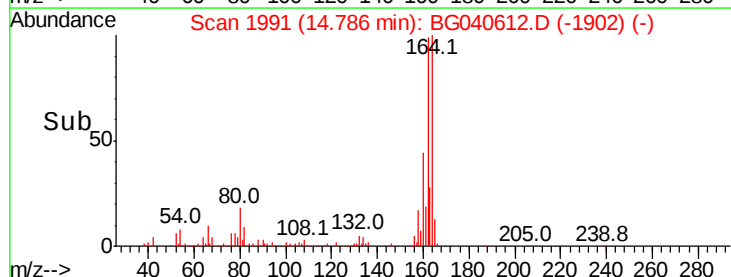
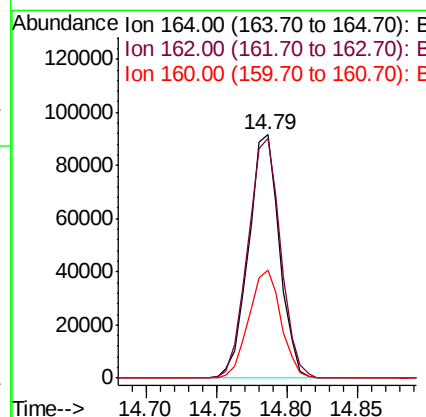
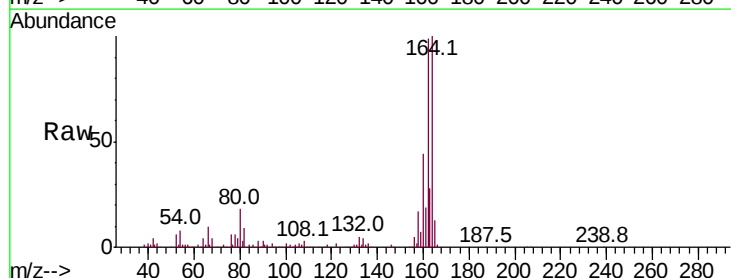
Instrument :
BNA_G
ClientSampleId :
TP-8

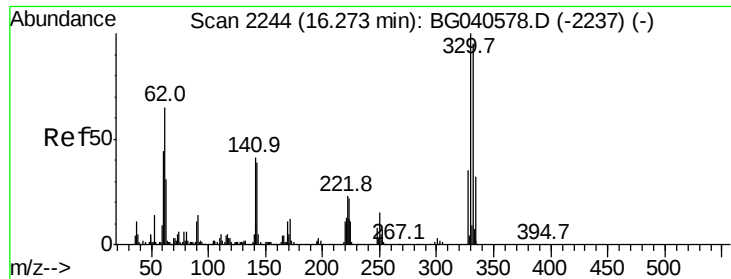
Tot Ion	82	Resp	401289
Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.9	43.3
54	58.3	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040612.D
Acq: 25 Apr 2019 16:07

Tgt Ion	164	Resp	140780
Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.9	122.9
160	44.4	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 134.121 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

Instrument :

BNA_G

ClientSampled :

TP-8

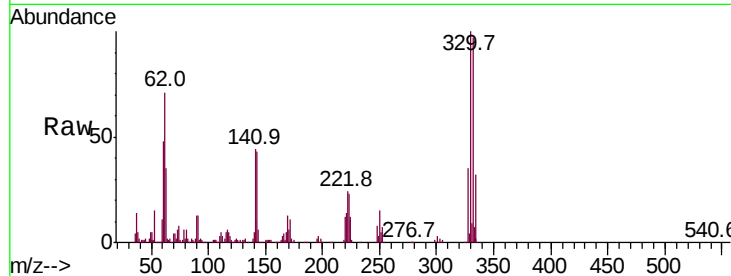
Tot Ion:330 Resp: 259531

Ion Ratio Lower Upper

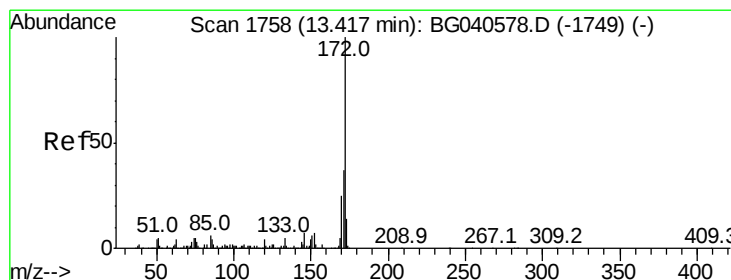
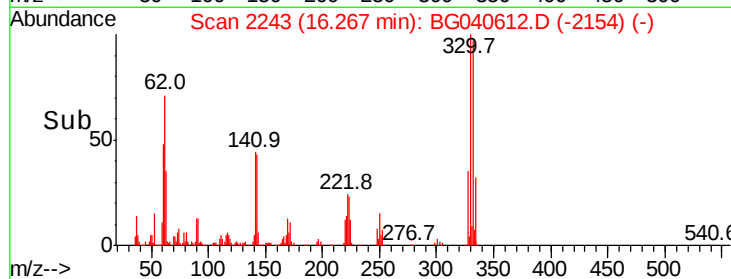
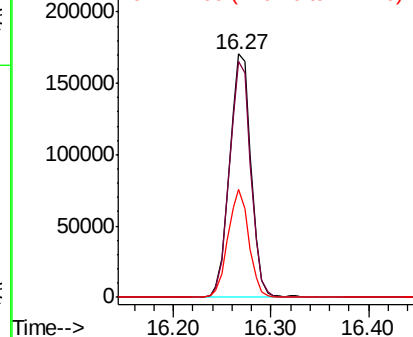
330 100

332 96.4 75.9 113.9

141 43.2 32.4 48.6



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: 83.823 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

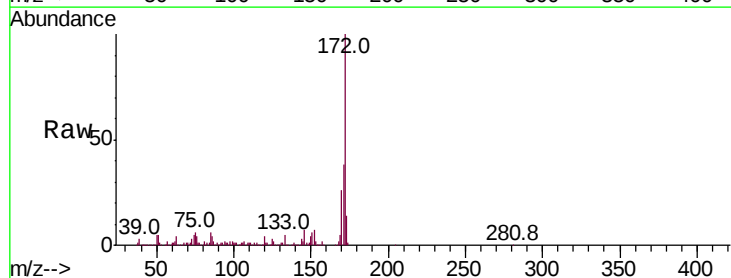
Tgt Ion:172 Resp: 817108

Ion Ratio Lower Upper

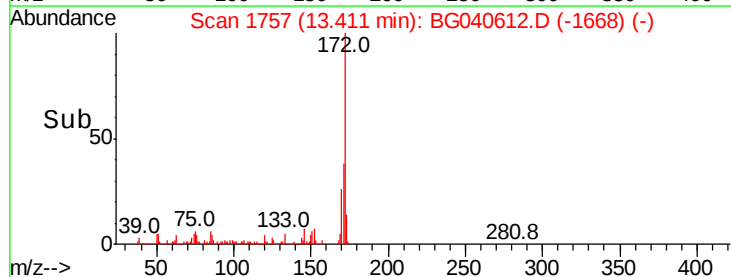
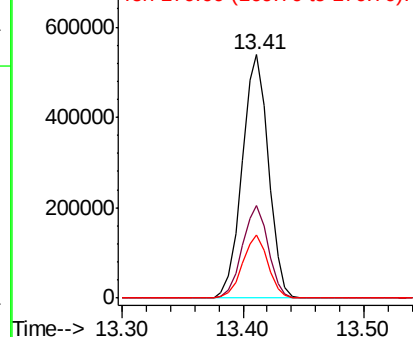
172 100

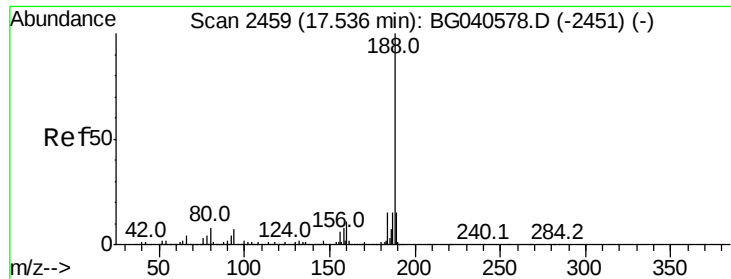
171 38.1 29.4 44.2

170 25.7 19.9 29.9



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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

Instrument :

BNA_G

ClientSampleId :

TP-8

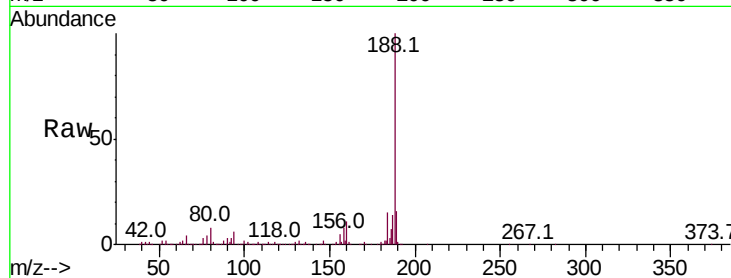
Tot Ion:188 Resp: 384331

Ion Ratio Lower Upper

188 100

94 6.5 5.6 8.4

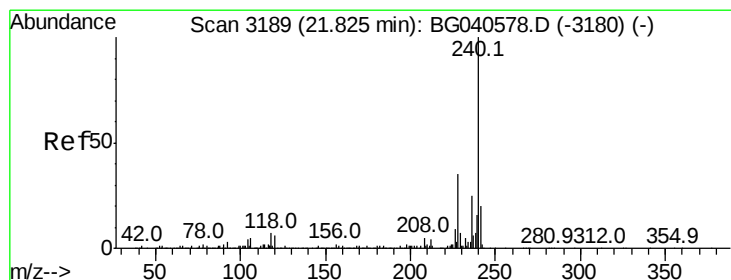
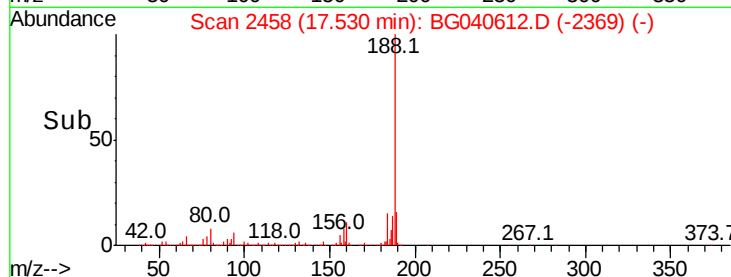
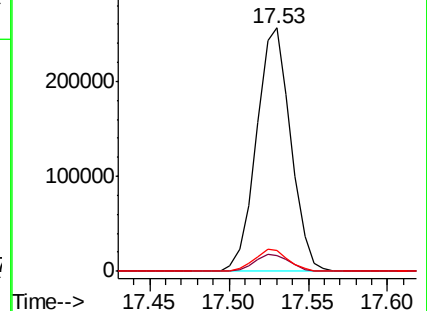
80 8.4 6.4 9.6



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: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040612.D

Acq: 25 Apr 2019 16:07

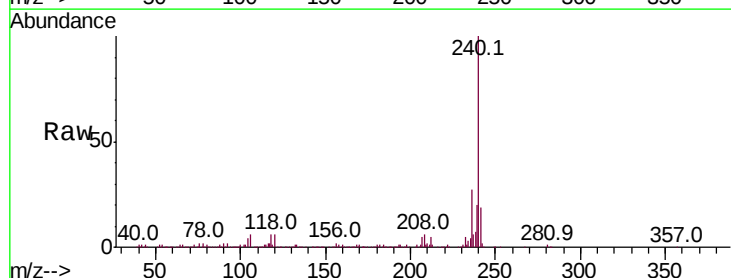
Tgt Ion:240 Resp: 419224

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

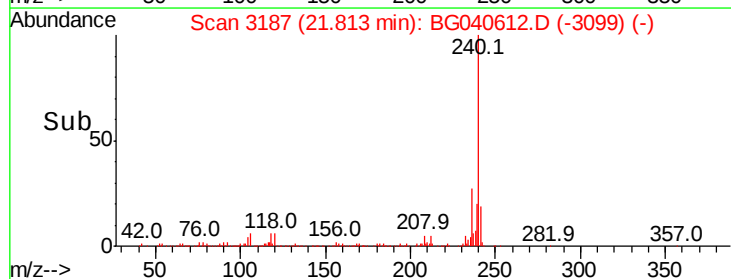
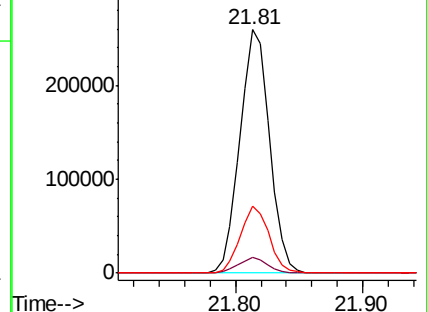
236 27.3 20.3 30.5

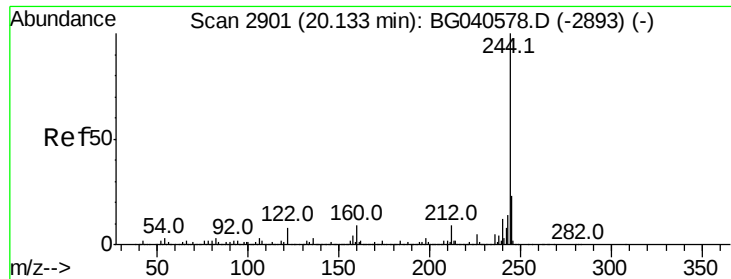


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



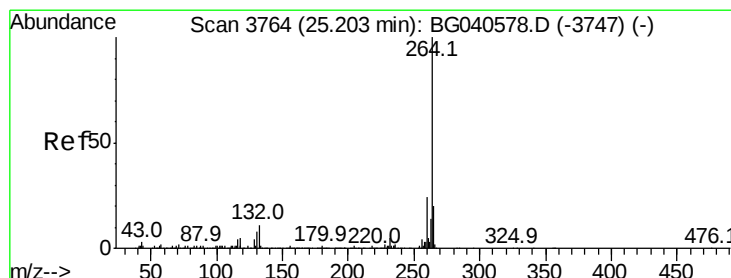
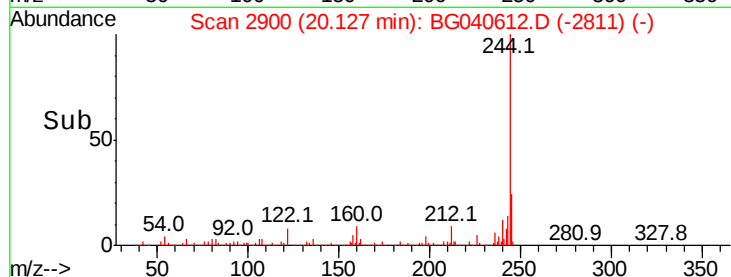
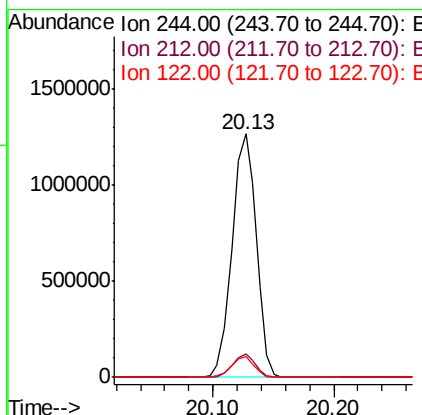
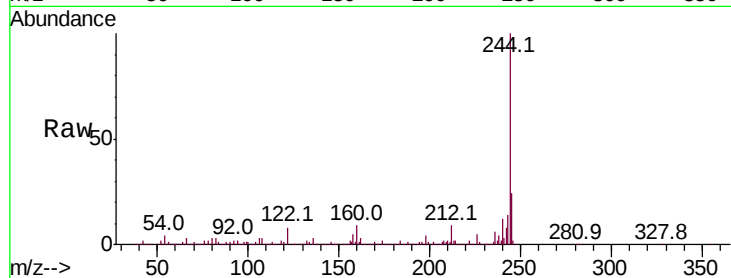


#79
 Terphenyl-d14
 Concen: 93.654 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040612.D
 Acq: 25 Apr 2019 16:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion:244 Resp: 1772206

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.4	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040612.D
 Acq: 25 Apr 2019 16:07

Tgt Ion:264 Resp: 426402

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.6	25.0

