

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040278.D
 Acq On : 1 Apr 2019 23:36
 Operator : JU/SJ
 Sample : K2115-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25S-GW

Quant Time: Apr 02 04:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57198	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	260659	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	182718	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	439031	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	425766	20.00	ng	-0.02
87) Perylene-d12	25.01	264	432822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211456	61.46	ng	-0.02
7) Phenol-d6	7.20	99	198708	41.79	ng	-0.02
23) Nitrobenzene-d5	9.23	82	407112	83.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	287110	145.39	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1016321	82.42	ng	-0.02
79) Terphenyl-d14	20.03	244	1468879	77.61	ng	-0.02

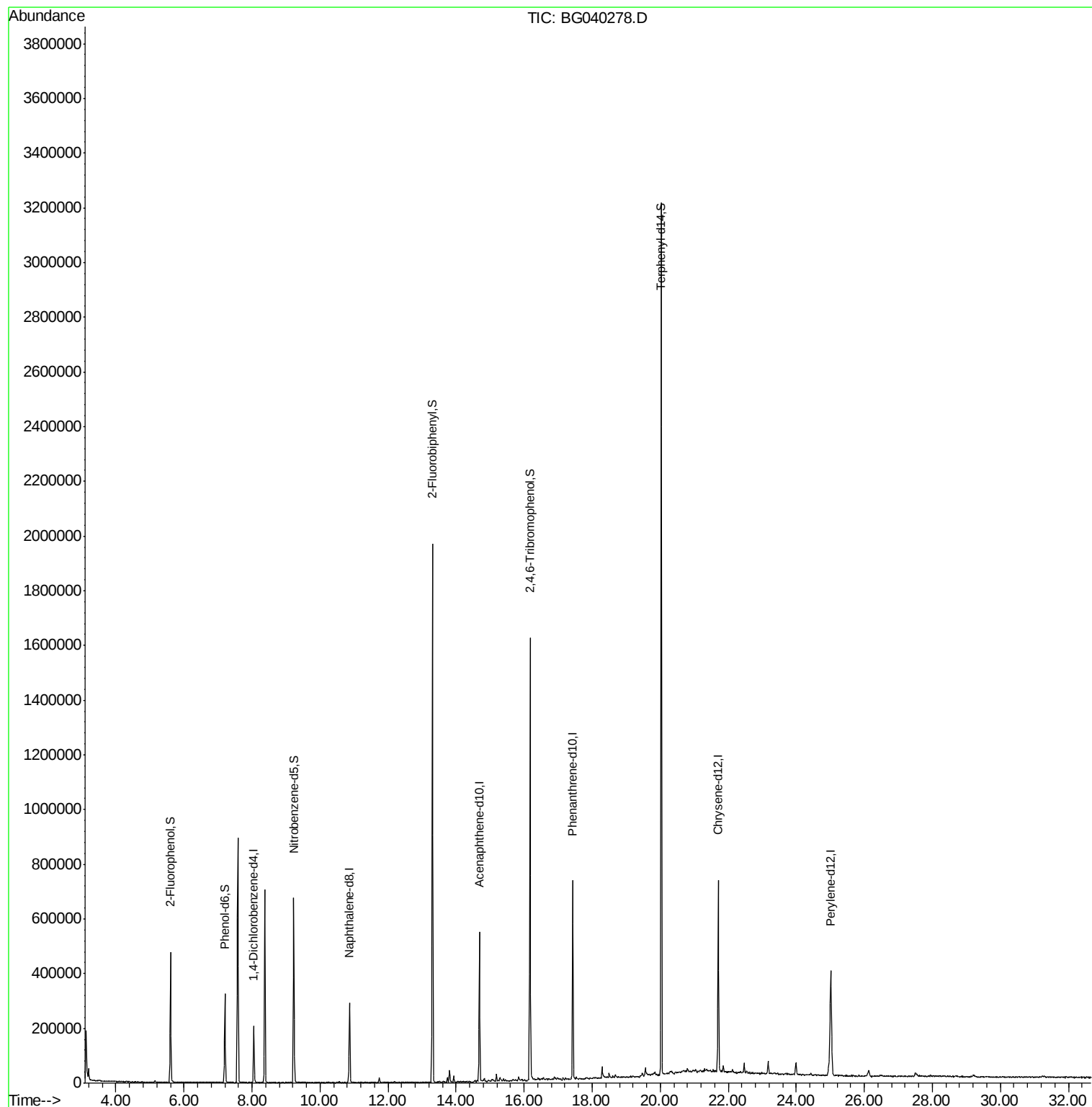
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

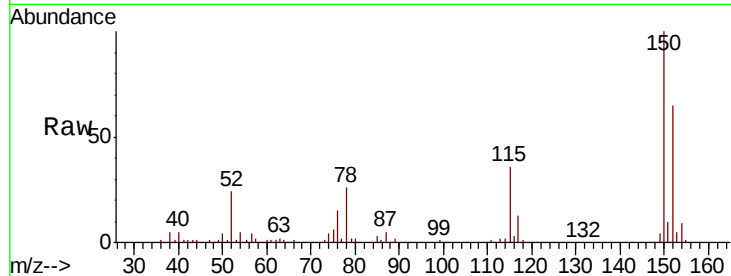
Tgt Ion:152 Resp: 57198

Ion Ratio Lower Upper

152 100

150 154.7 123.7 185.5

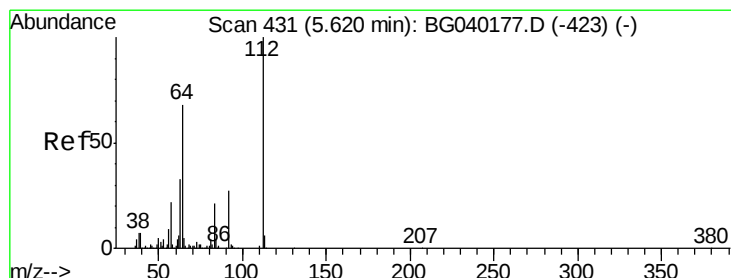
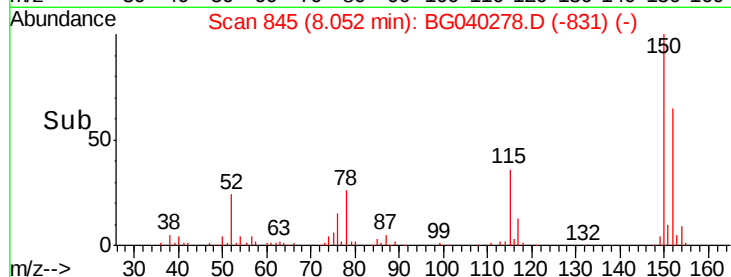
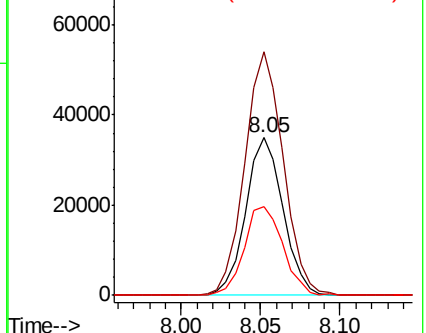
115 56.4 46.9 70.3



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: 61.458 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

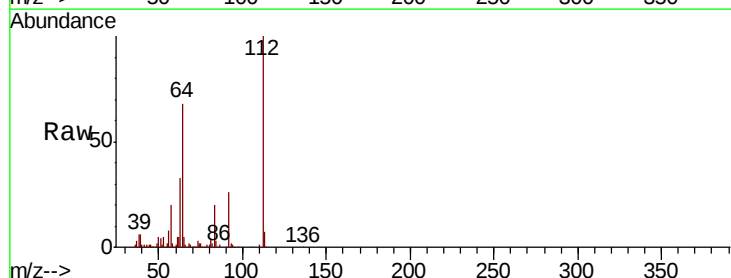
Tgt Ion:112 Resp: 211456

Ion Ratio Lower Upper

112 100

64 67.8 54.2 81.2

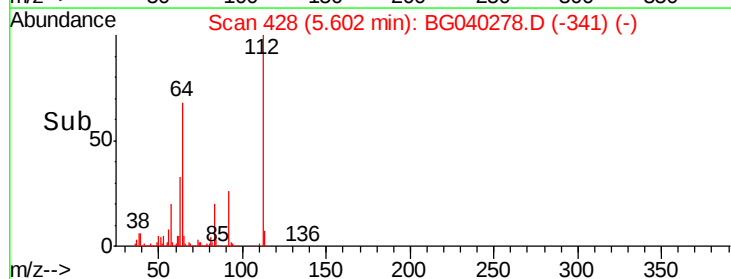
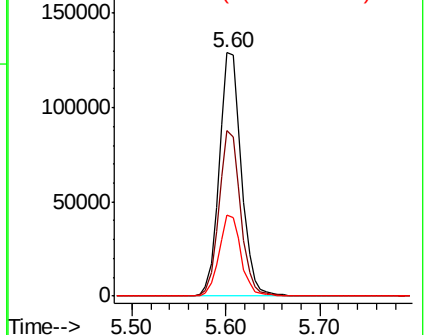
63 33.3 26.4 39.6

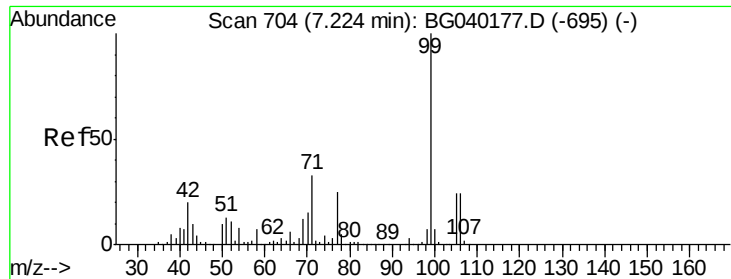


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.789 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

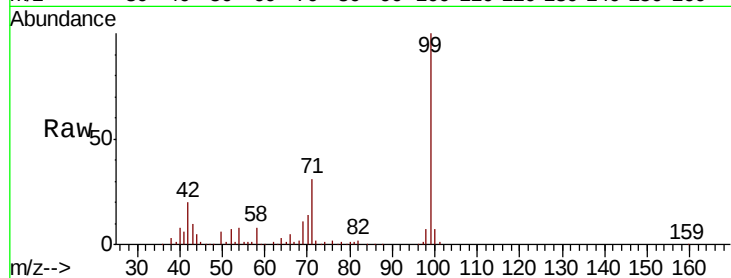
Tgt Ion: 99 Resp: 198708

Ion Ratio Lower Upper

99 100

42 19.7 16.2 24.2

71 31.2 26.8 40.2

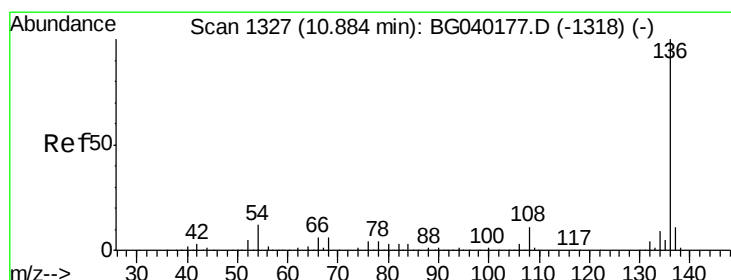
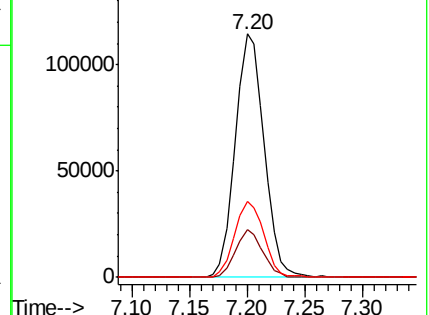
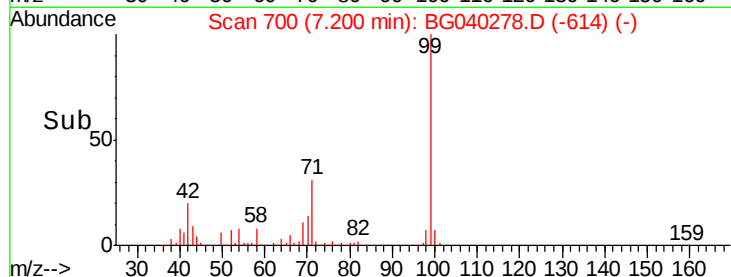


Abundance

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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Tgt Ion: 136 Resp: 260659

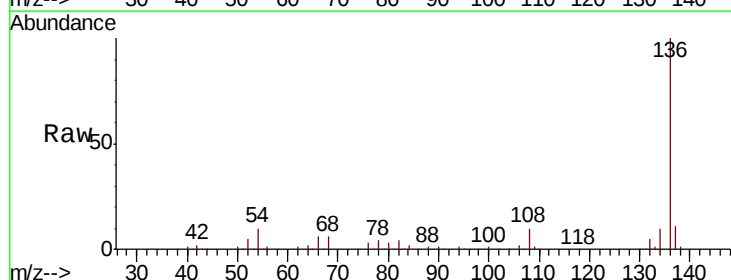
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.3 9.6 14.4

68 6.5 5.1 7.7



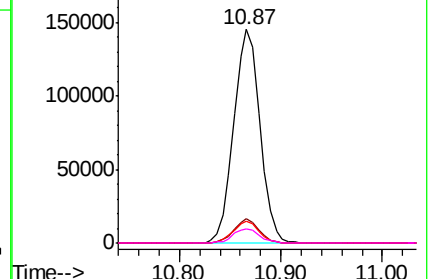
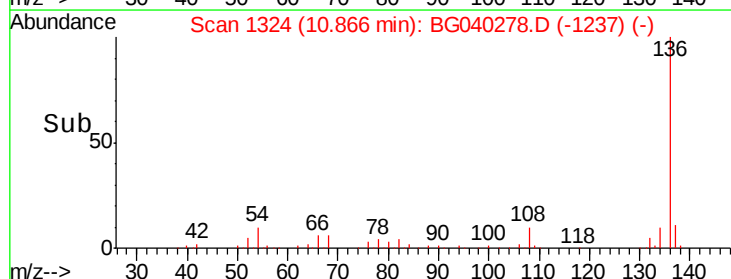
Abundance

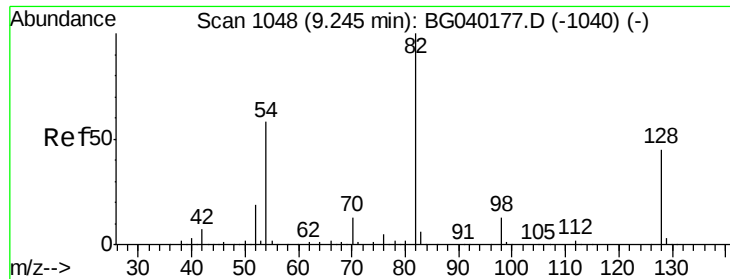
Ion 136.00 (135.70 to 136.70): BGC

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

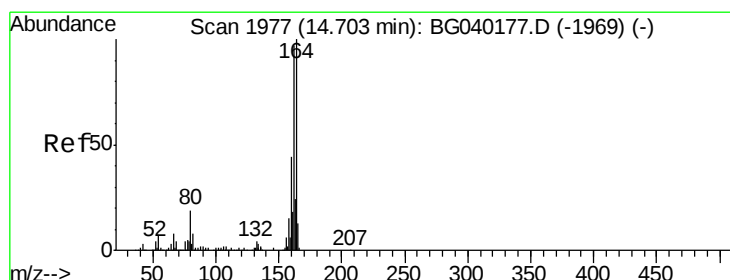
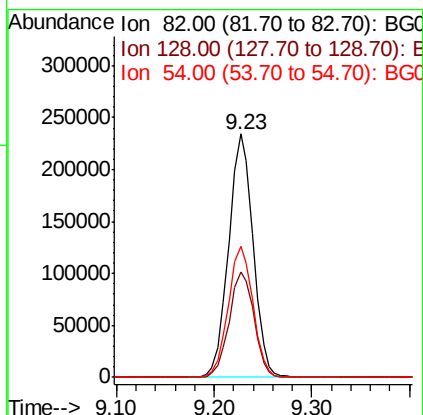
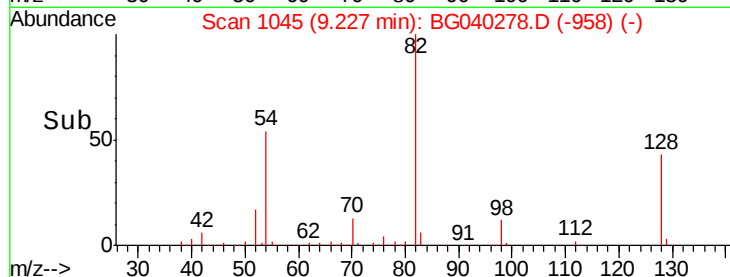
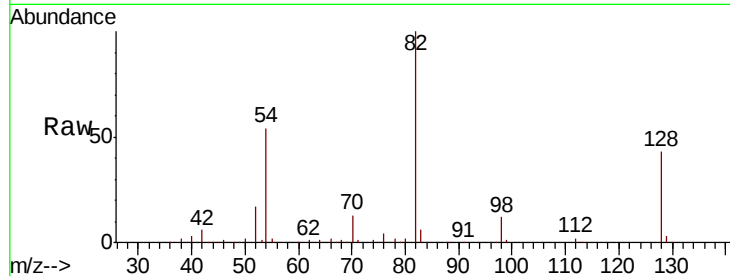




#23
Nitrobenzene-d5
Concen: 83.018 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

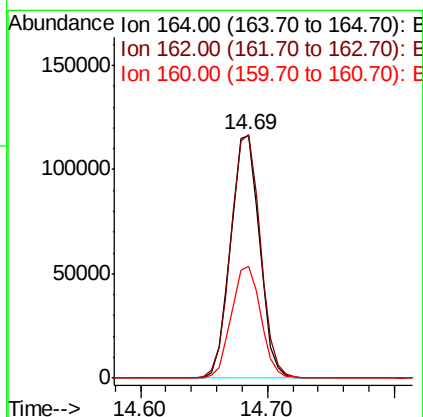
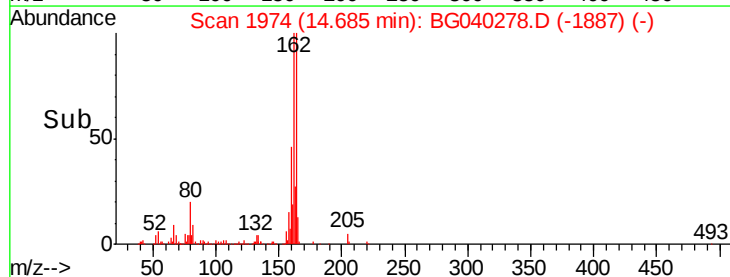
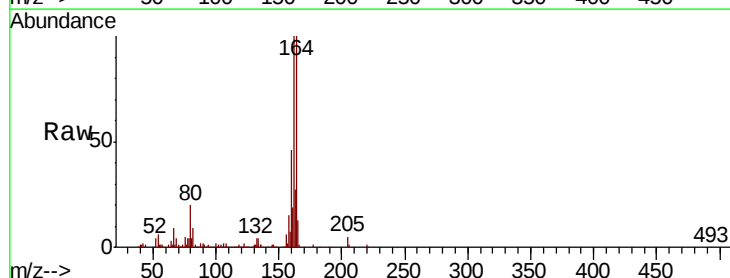
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

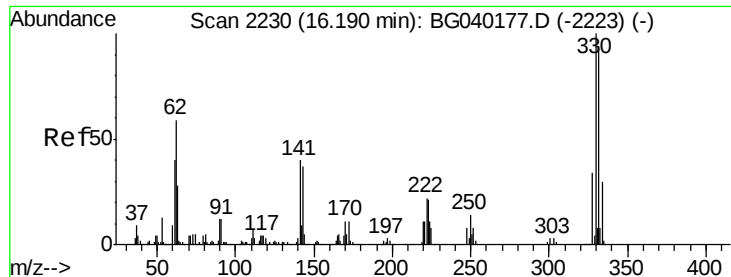
Tgt Ion: 82 Resp: 407112
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 53.7 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040278.D
Acq: 1 Apr 2019 23:36

Tgt Ion: 164 Resp: 182718
Ion Ratio Lower Upper
164 100
162 100.4 77.4 116.2
160 45.9 35.3 52.9

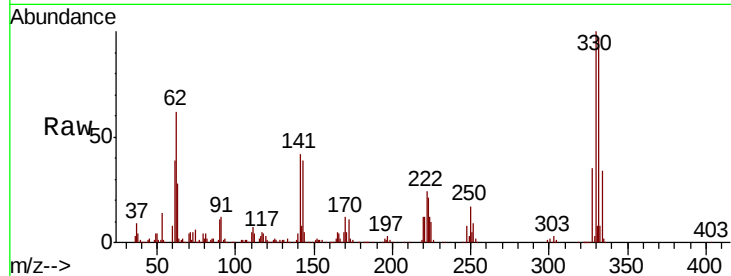




#42
 2,4,6-Tribromophenol
 Concen: 145.394 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040278.D
 Acq: 1 Apr 2019 23:36

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25S-GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.0	32.6	48.8

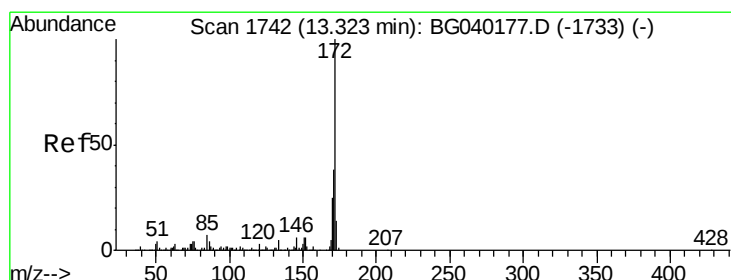
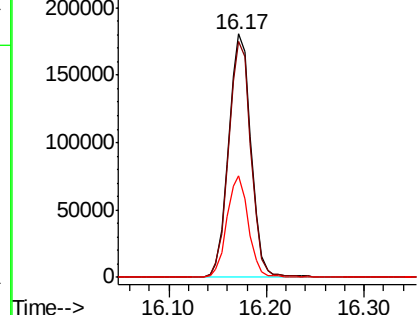
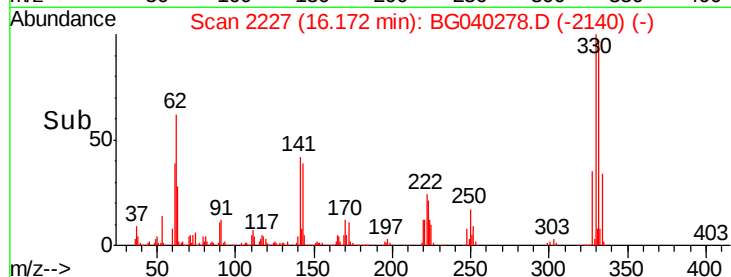


Abundance

Ion 329.80 (329.50 to 330.50): E

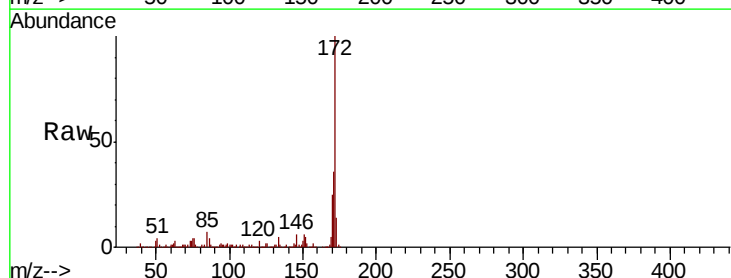
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.419 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040278.D
 Acq: 1 Apr 2019 23:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.7	20.1	30.1

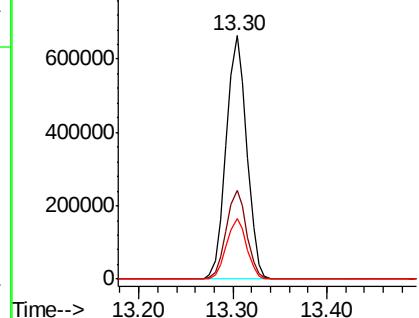
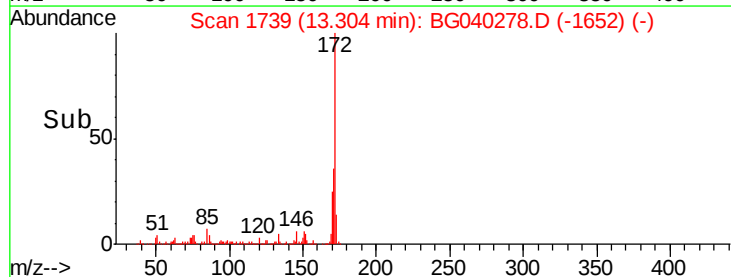


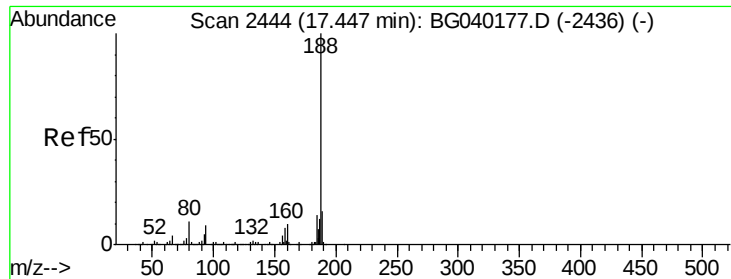
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

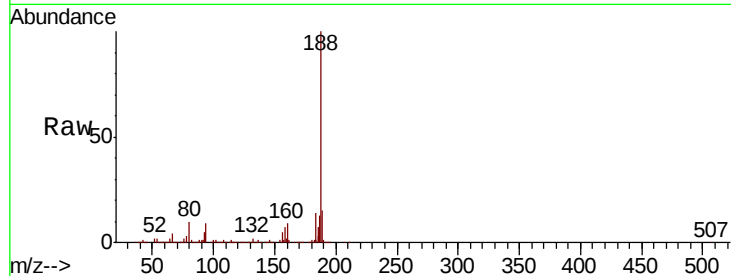
Tgt Ion:188 Resp: 439031

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

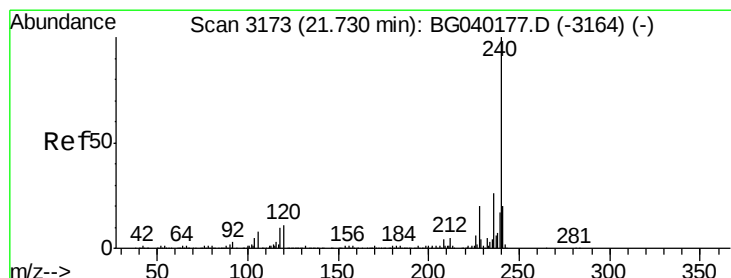
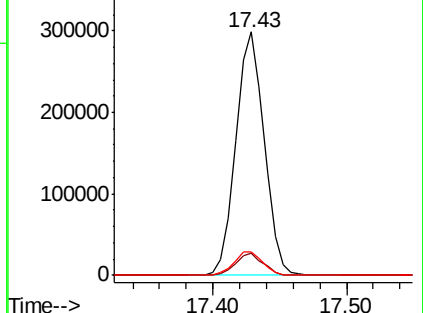
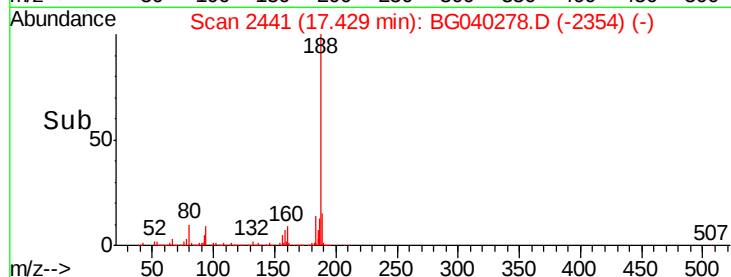
80 9.7 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

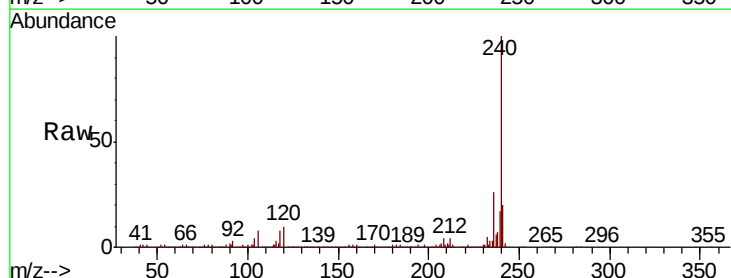
Tgt Ion:240 Resp: 425766

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

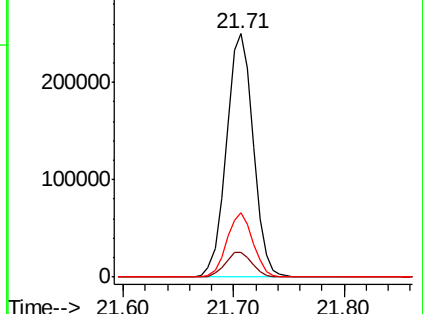
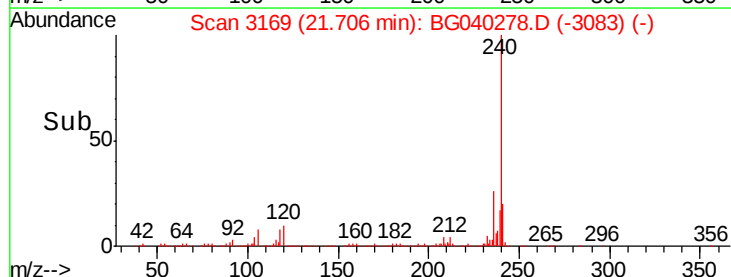
236 26.4 20.8 31.2



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: 77.612 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25S-GW

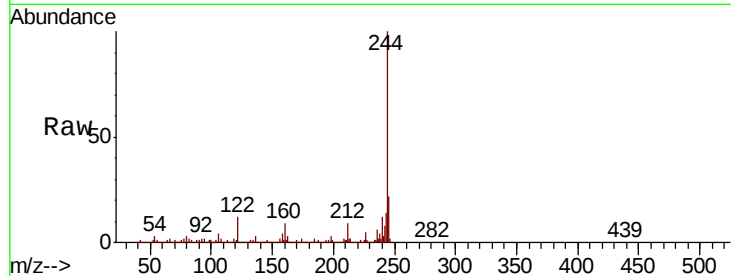
Tgt Ion:244 Resp: 1468879

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

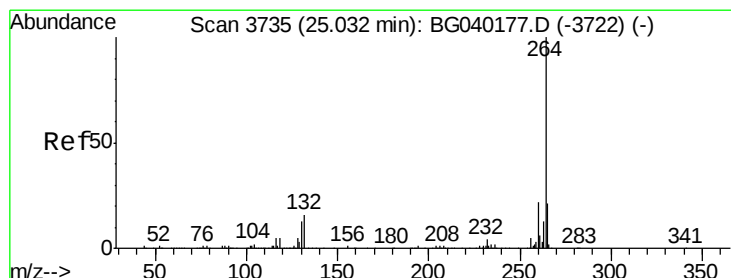
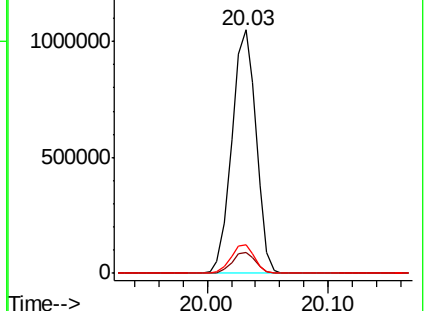
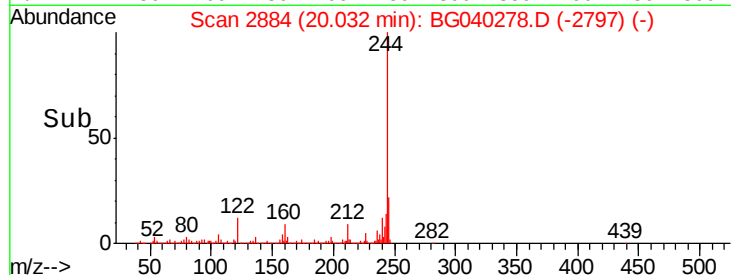
122 11.9 8.5 12.7



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: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040278.D

Acq: 1 Apr 2019 23:36

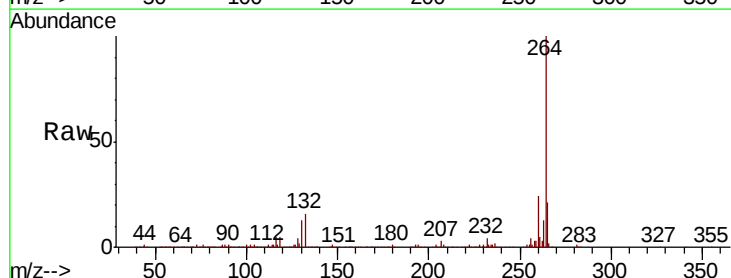
Tgt Ion:264 Resp: 432822

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 21.0 16.8 25.2



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

