

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040277.D
 Acq On : 1 Apr 2019 22:56
 Operator : JU/SJ
 Sample : K2115-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Quant Time: Apr 02 04:36:15 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	56272	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	241080	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	176673	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	452817	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	446990	20.00	ng	-0.02
87) Perylene-d12	25.01	264	447784	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	136452	40.31	ng	-0.02
7) Phenol-d6	7.20	99	144084	30.80	ng	-0.02
23) Nitrobenzene-d5	9.23	82	303077	66.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	118496	62.06	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	800262	67.12	ng	-0.02
79) Terphenyl-d14	20.03	244	1369787	68.94	ng	-0.02

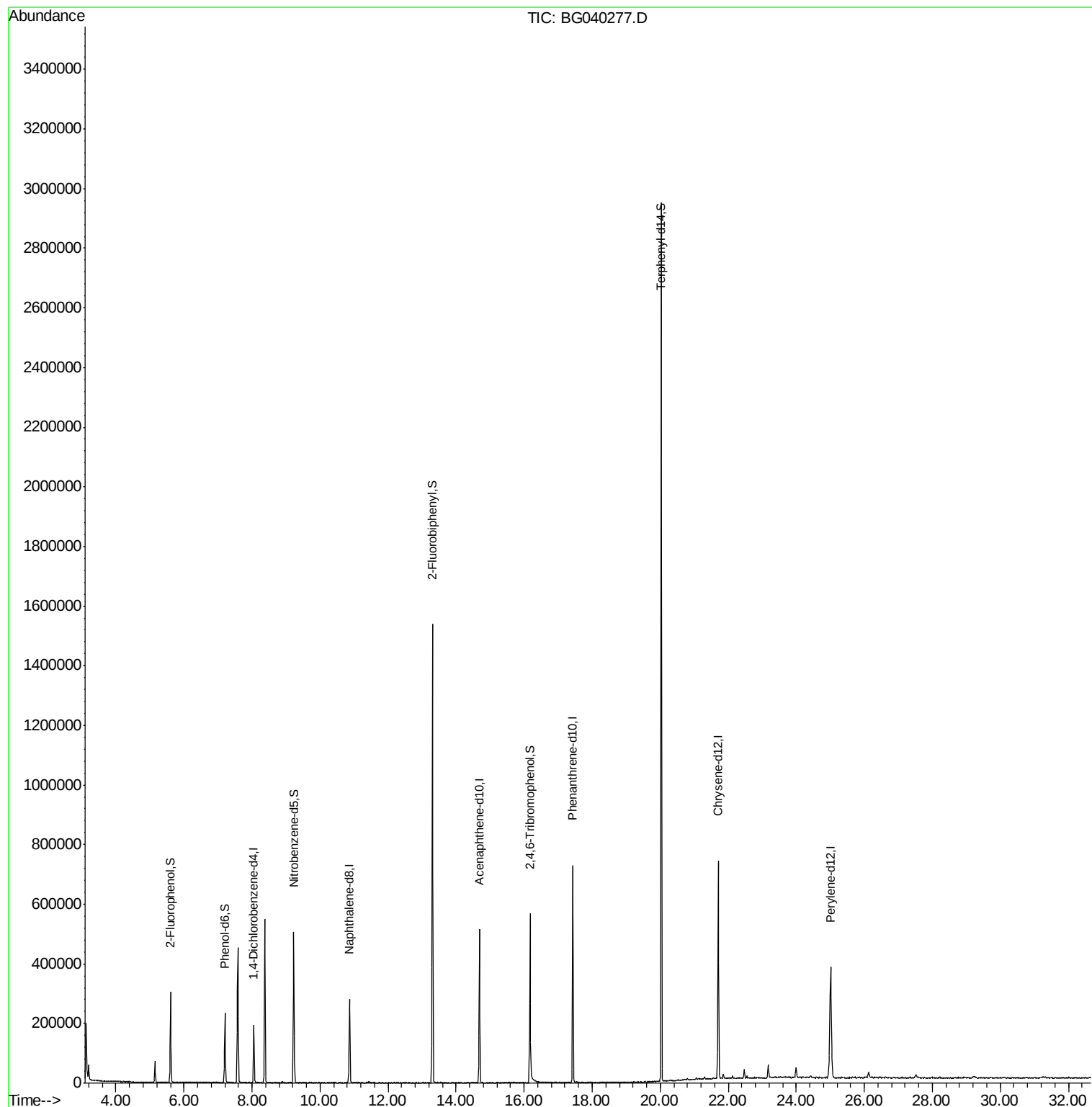
Target Compounds	Qvalue
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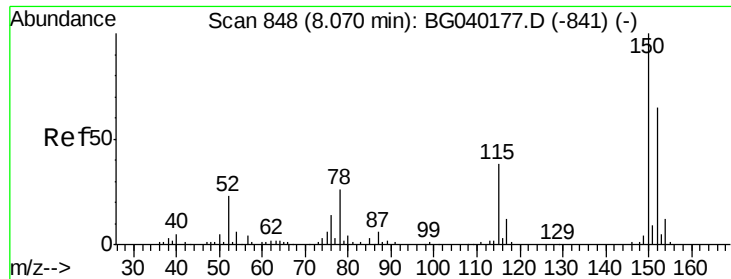
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

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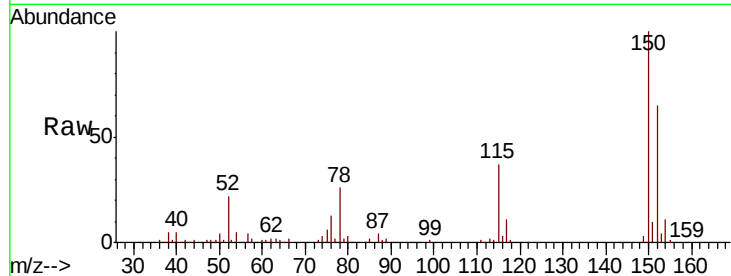
Tgt Ion:152 Resp: 56272

Ion Ratio Lower Upper

152 100

150 154.6 123.7 185.5

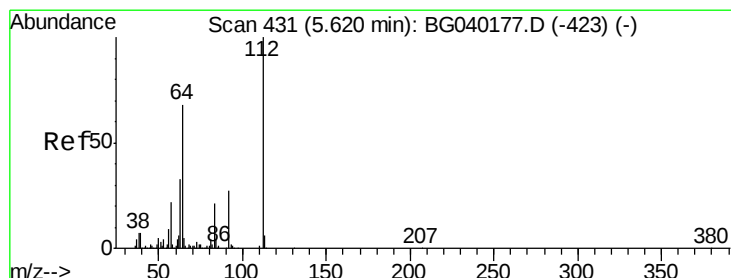
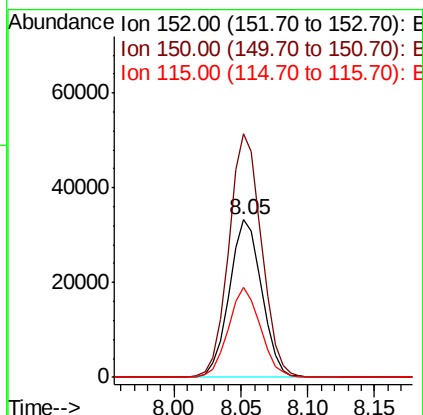
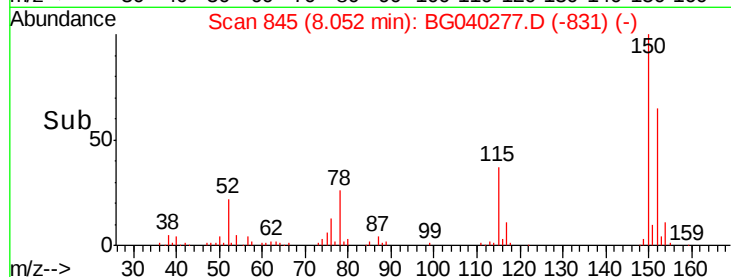
115 57.0 46.9 70.3



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: 40.311 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

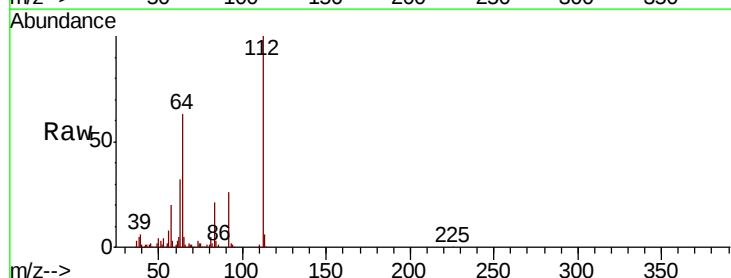
Tgt Ion:112 Resp: 136452

Ion Ratio Lower Upper

112 100

64 63.3 54.2 81.2

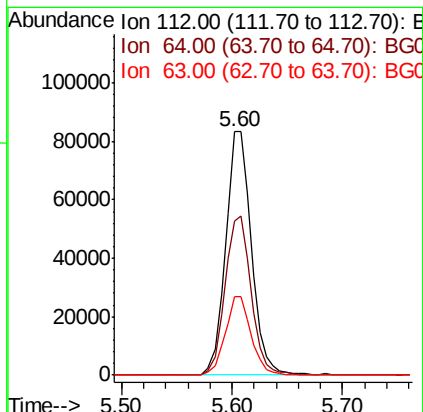
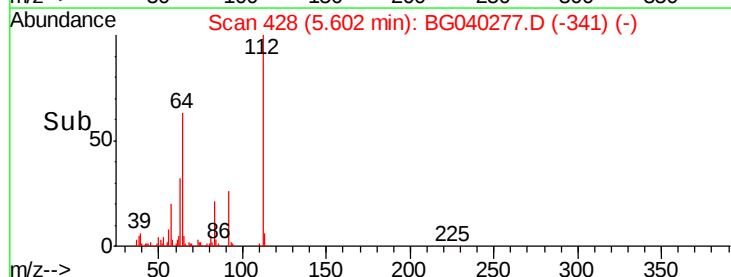
63 32.1 26.4 39.6



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: 30.800 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

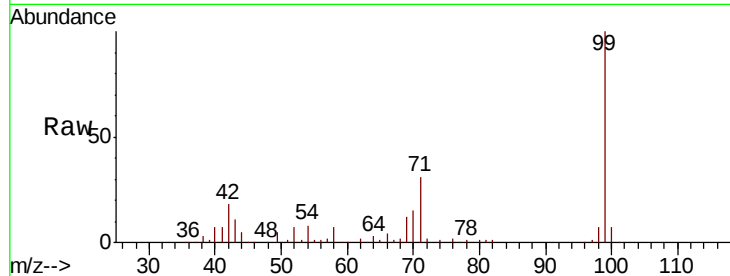
Tgt Ion: 99 Resp: 144084

Ion Ratio Lower Upper

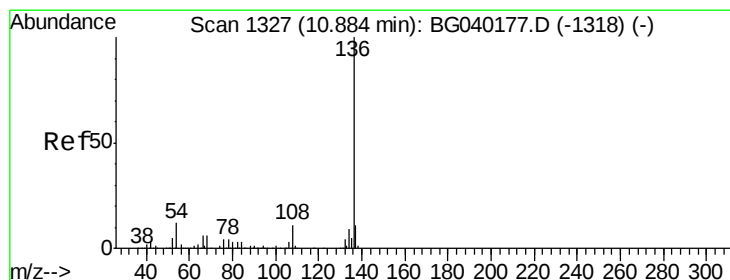
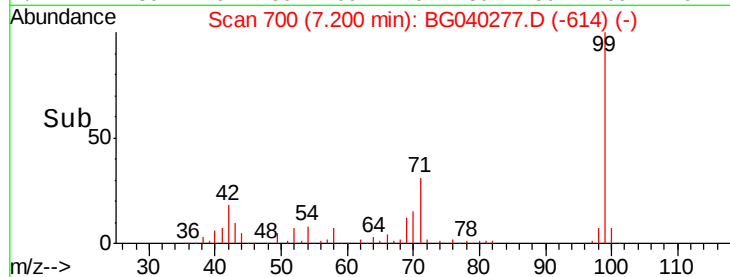
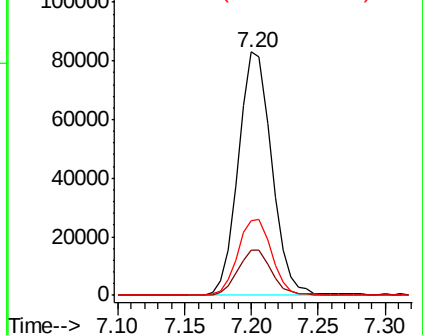
99 100

42 18.4 16.2 24.2

71 30.7 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: BG040277.D

Acq: 1 Apr 2019 22:56

Tgt Ion: 136 Resp: 241080

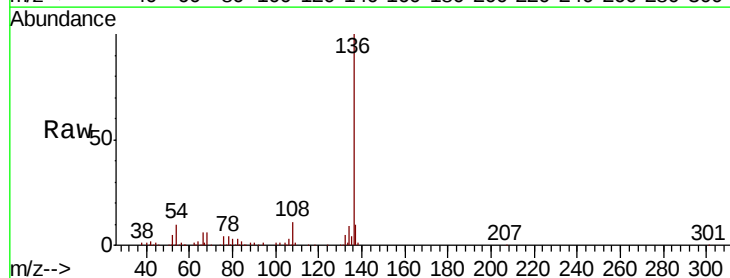
Ion Ratio Lower Upper

136 100

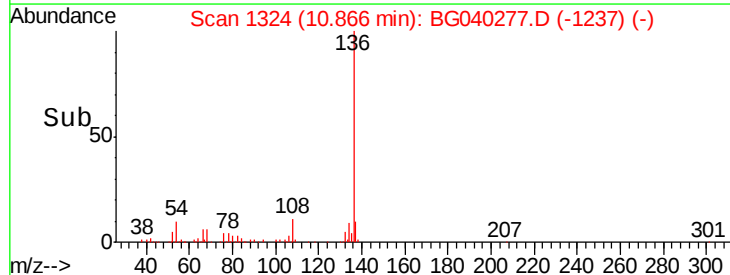
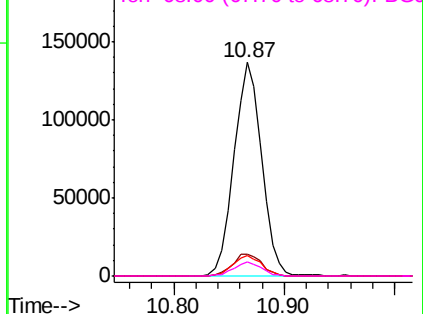
137 10.4 8.9 13.3

54 9.8 9.6 14.4

68 6.4 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

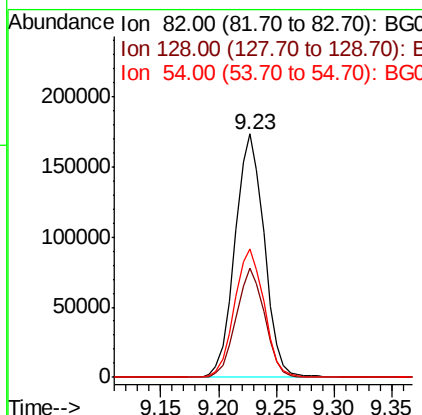
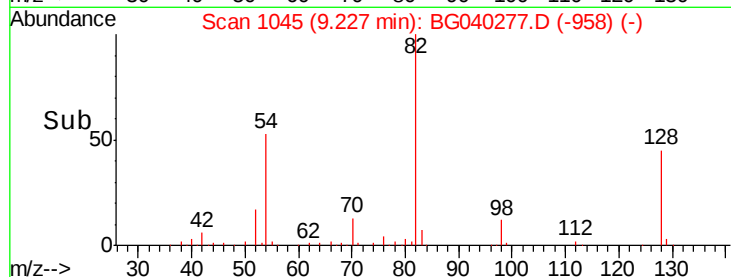
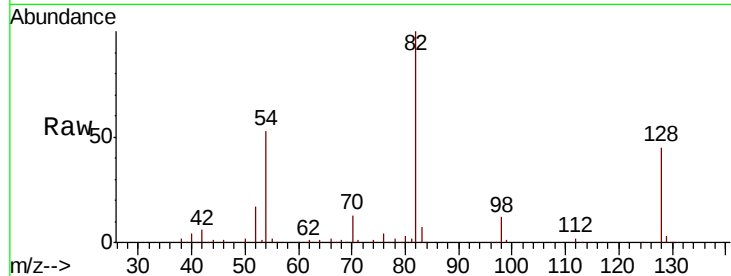




#23
Nitrobenzene-d5
Concen: 66.823 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

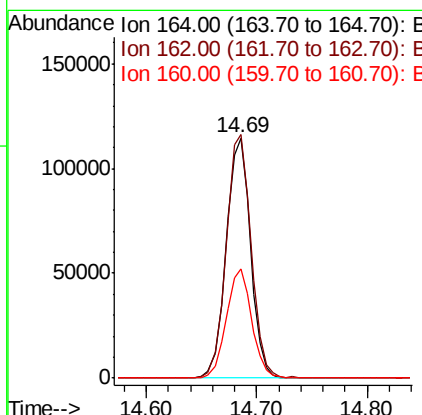
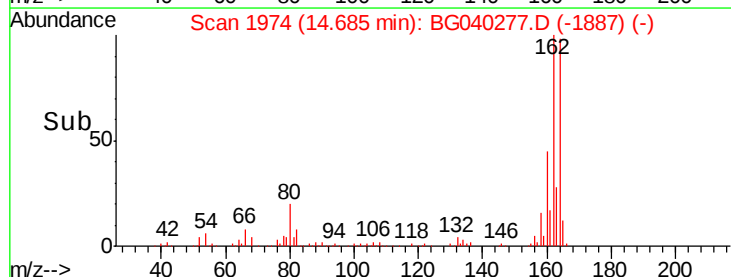
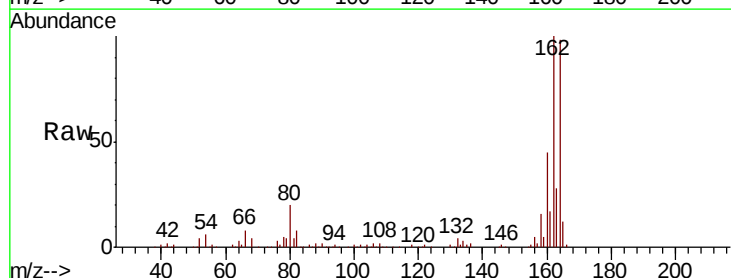
Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

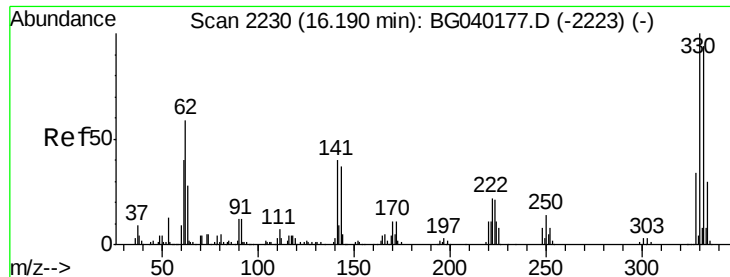
Tgt Ion: 82 Resp: 303077
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.8
54 52.5 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040277.D
Acq: 1 Apr 2019 22:56

Tgt Ion: 164 Resp: 176673
Ion Ratio Lower Upper
164 100
162 101.5 77.4 116.2
160 45.6 35.3 52.9

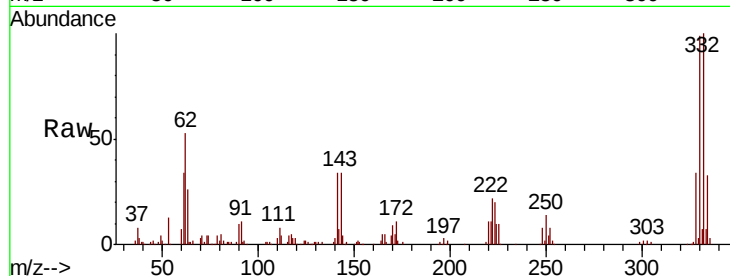




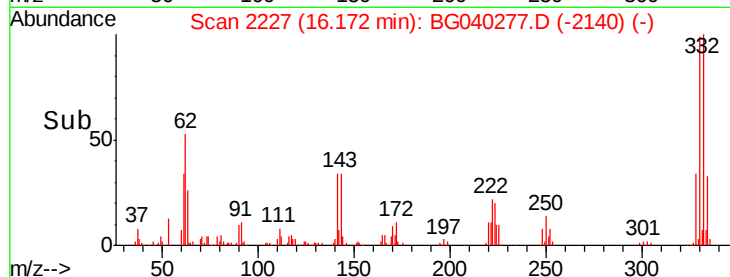
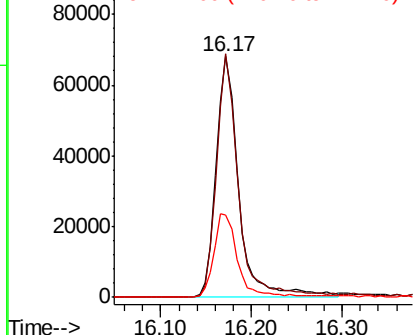
#42
 2,4,6-Tribromophenol
 Concen: 62.060 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040277.D
 Acq: 1 Apr 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Tgt Ion:330 Resp: 118496
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 36.3 32.6 48.8

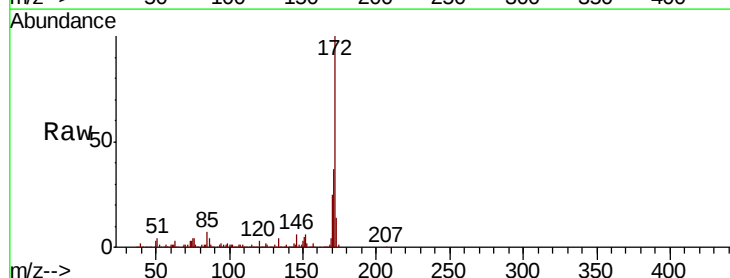


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

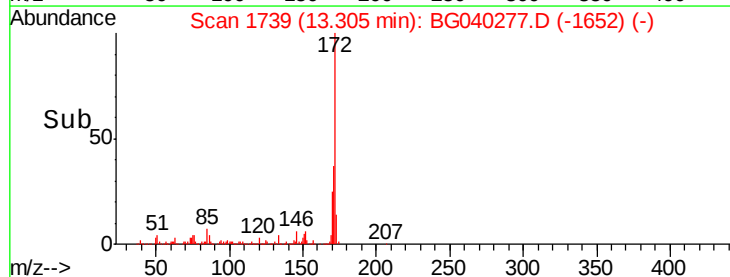
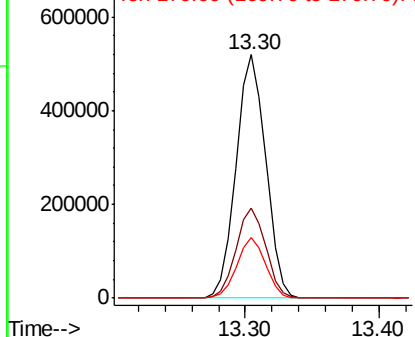


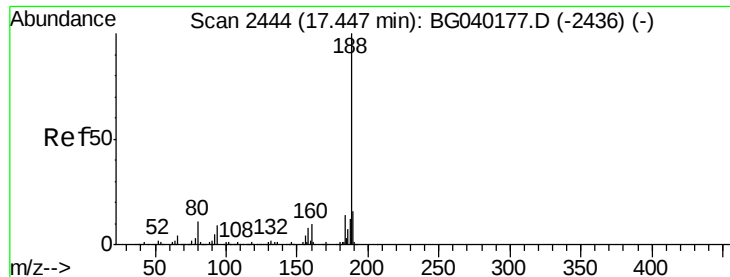
#45
 2-Fluorobiphenyl
 Concen: 67.118 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040277.D
 Acq: 1 Apr 2019 22:56

Tgt Ion:172 Resp: 800262
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.9 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: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

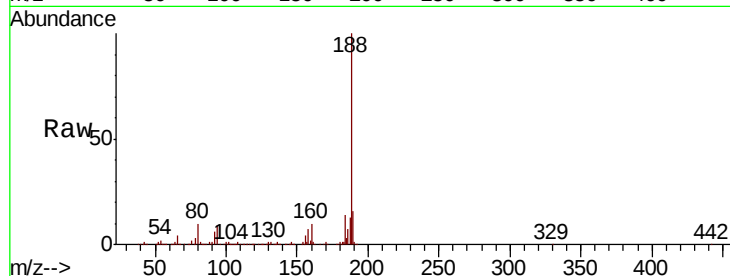
Tgt Ion:188 Resp: 452817

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

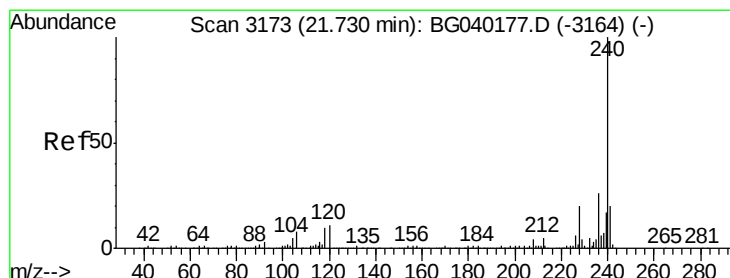
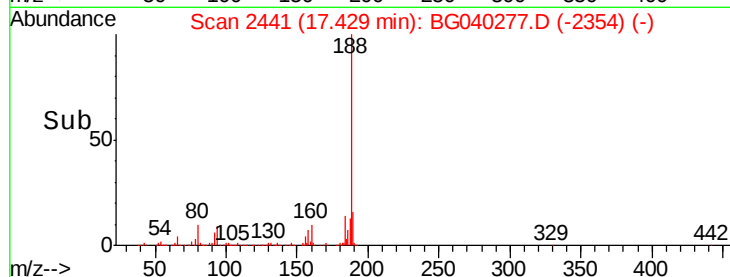
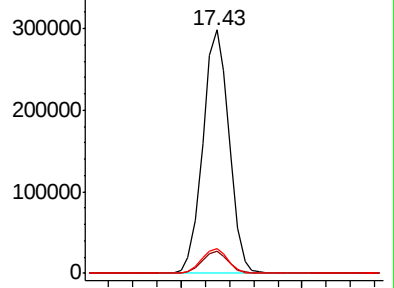
80 10.0 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

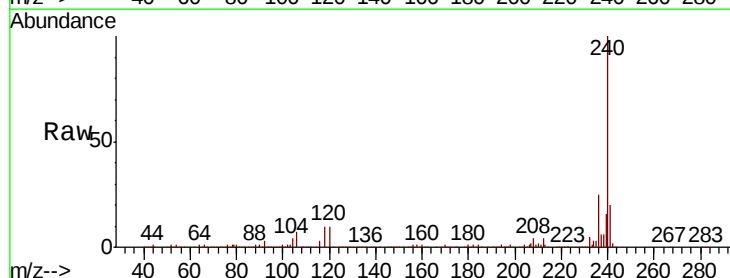
Tgt Ion:240 Resp: 446990

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

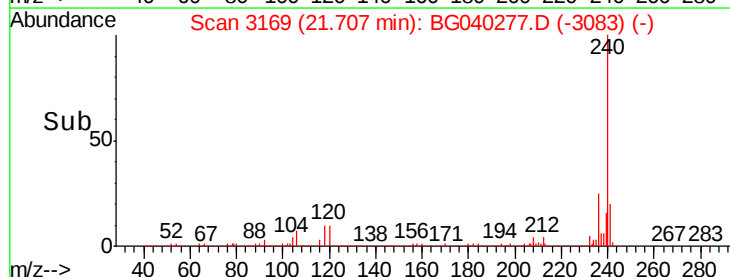
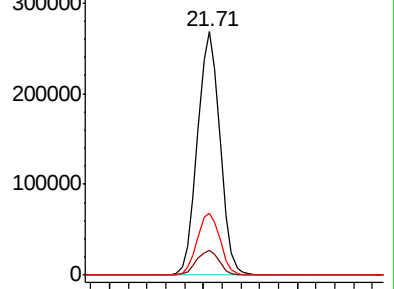
236 25.4 20.8 31.2



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: 68.940 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

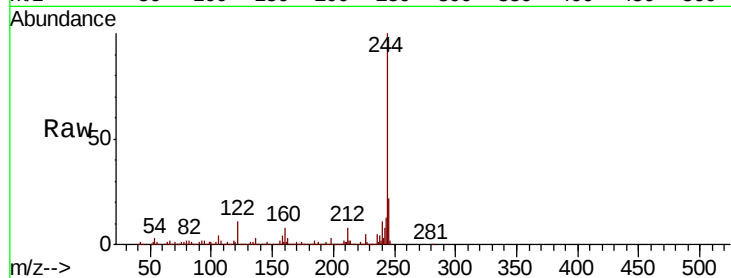
Tgt Ion:244 Resp: 1369787

Ion Ratio Lower Upper

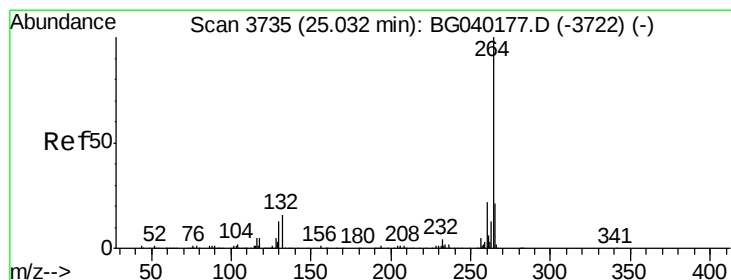
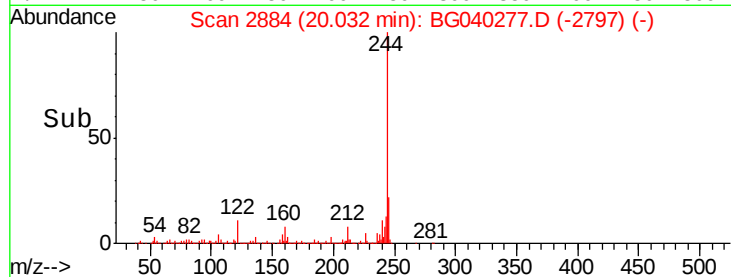
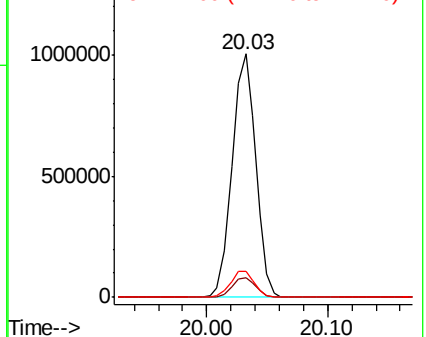
244 100

212 8.2 7.0 10.6

122 10.7 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# 3731

Delta R.T. -0.02 min

Lab File: BG040277.D

Acq: 1 Apr 2019 22:56

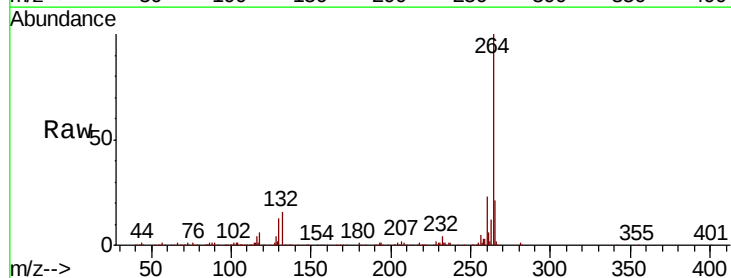
Tgt Ion:264 Resp: 447784

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 21.1 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

