

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040295.D
 Acq On : 2 Apr 2019 11:47
 Operator : JU/SJ
 Sample : K1692-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-032919

Quant Time: Apr 02 13:50:14 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	61413	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	263626	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	180994	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	446040	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	443061	20.00	ng	-0.03
87) Perylene-d12	25.01	264	447602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	433822	117.43	ng	-0.01
7) Phenol-d6	7.21	99	564007	110.47	ng	-0.01
23) Nitrobenzene-d5	9.23	82	443806	89.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	271524	138.81	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1063052	87.03	ng	-0.02
79) Terphenyl-d14	20.04	244	1744674	88.59	ng	-0.01

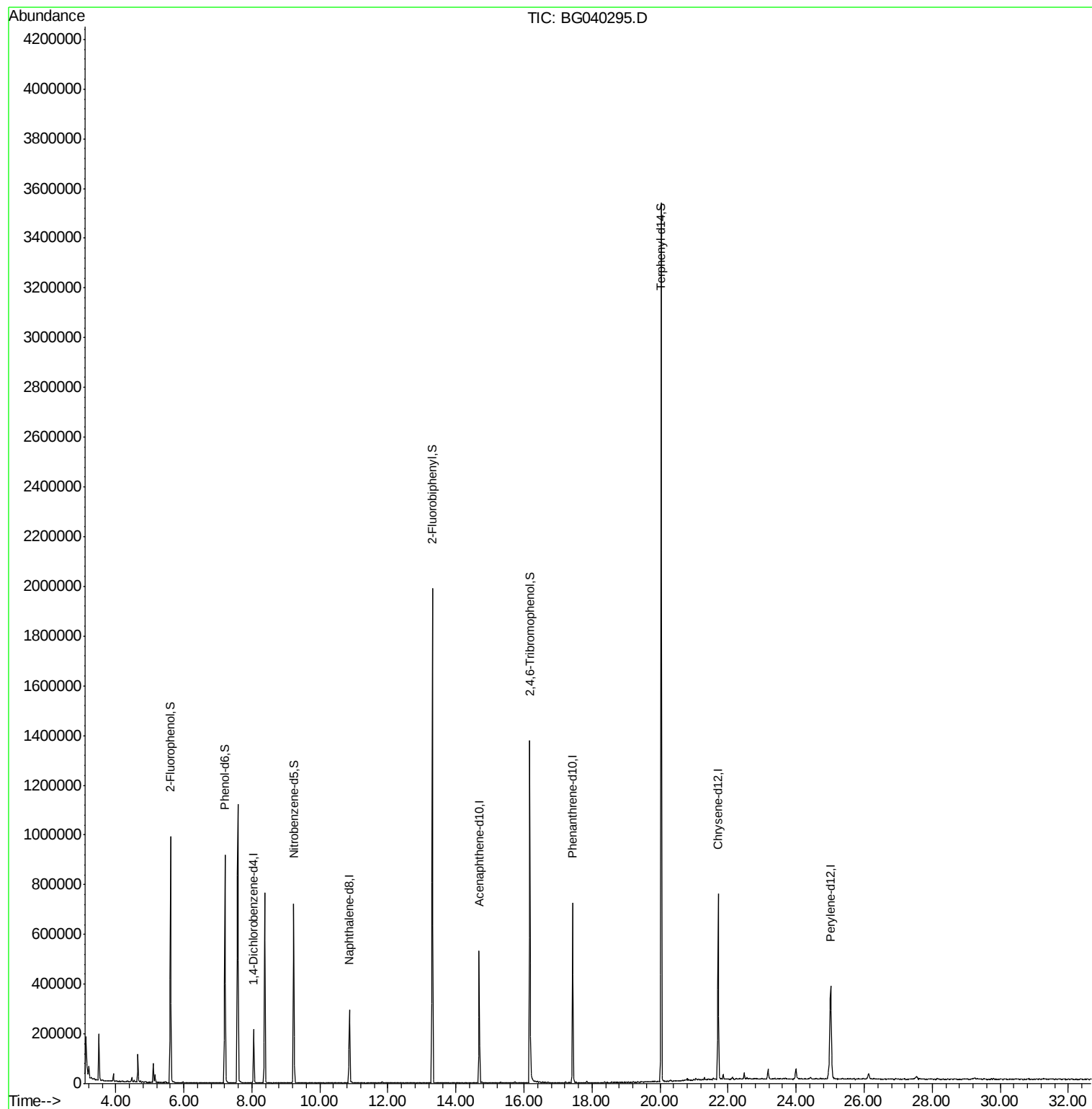
Target Compounds	Qvalue
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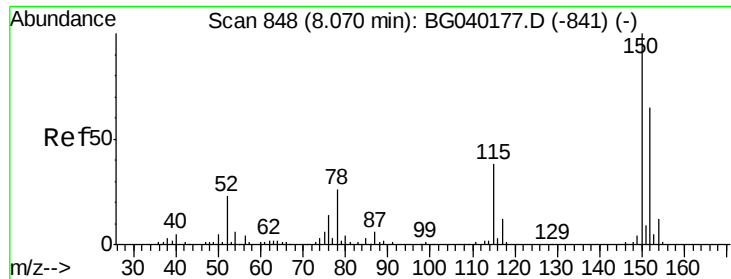
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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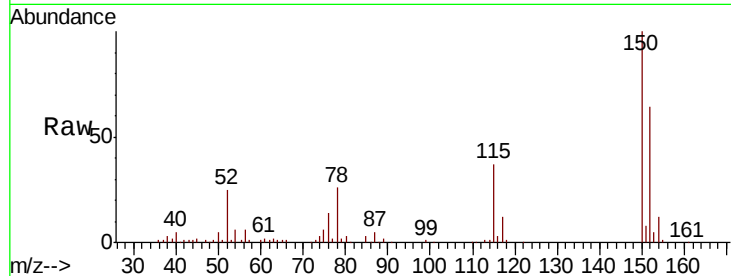


#1

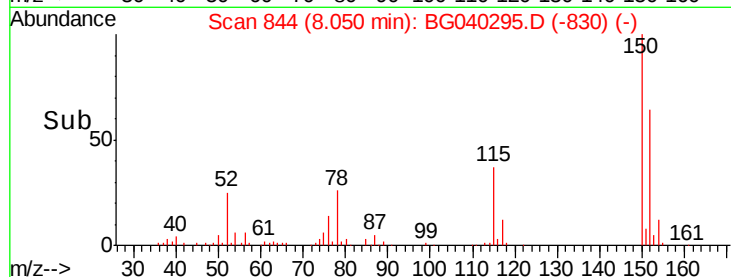
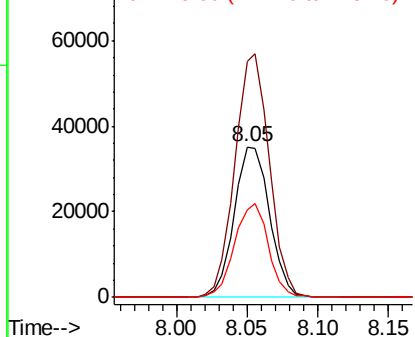
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :
OK-03-032919

Tgt Ion:152 Resp: 61413
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 58.2 46.9 70.3



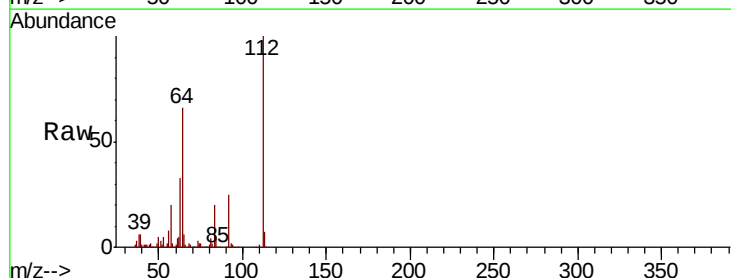
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



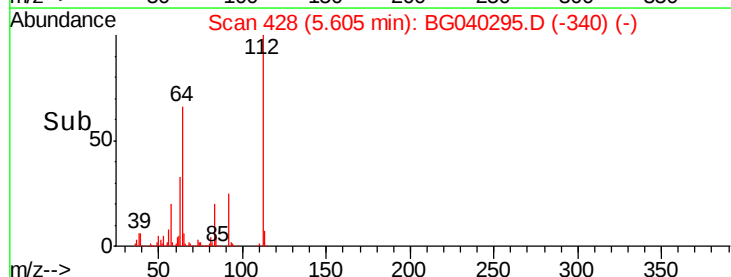
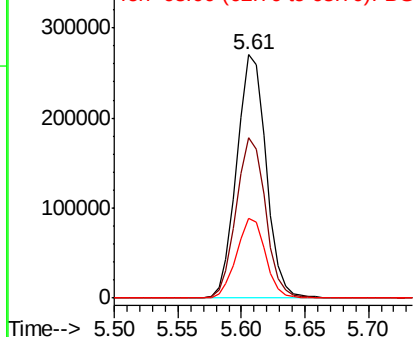
#5

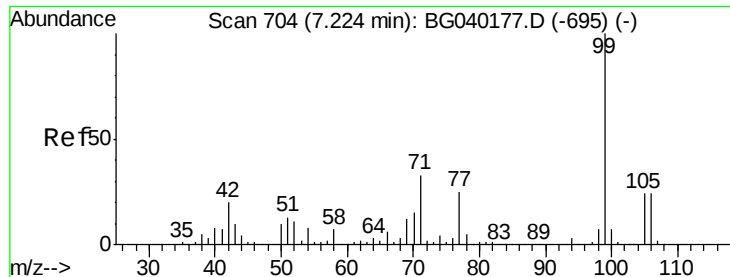
2-Fluorophenol
Concen: 117.433 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:112 Resp: 433822
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 32.6 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: 110.471 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040295.D

Acq: 2 Apr 2019 11:47

Instrument :

BNA_G

ClientSampleId :

OK-03-032919

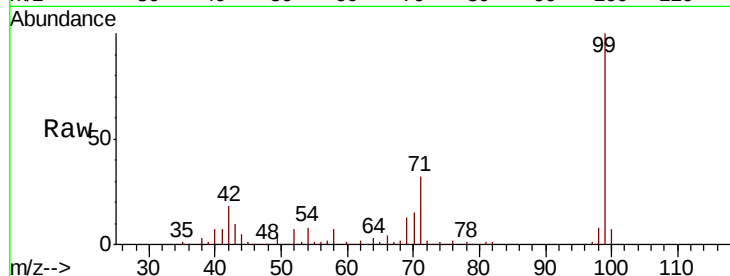
Tgt Ion: 99 Resp: 564007

Ion Ratio Lower Upper

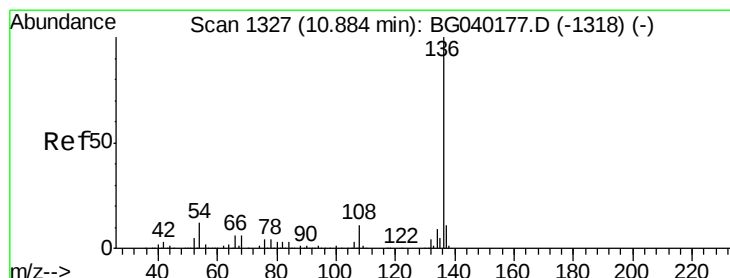
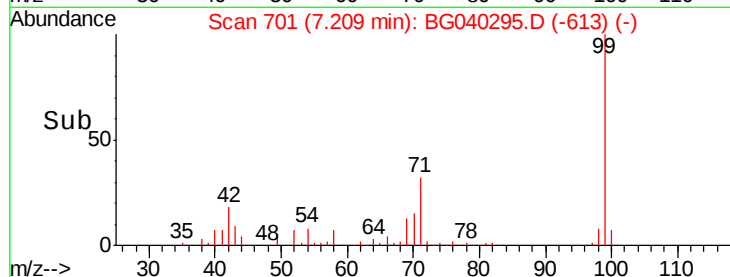
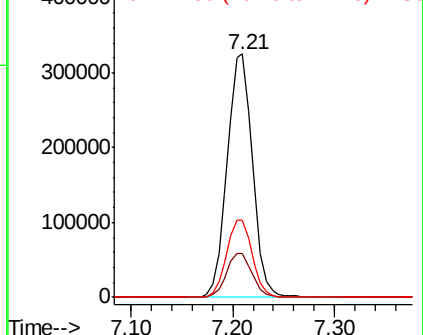
99 100

42 18.0 16.2 24.2

71 31.7 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. -0.01 min

Lab File: BG040295.D

Acq: 2 Apr 2019 11:47

Tgt Ion: 136 Resp: 263626

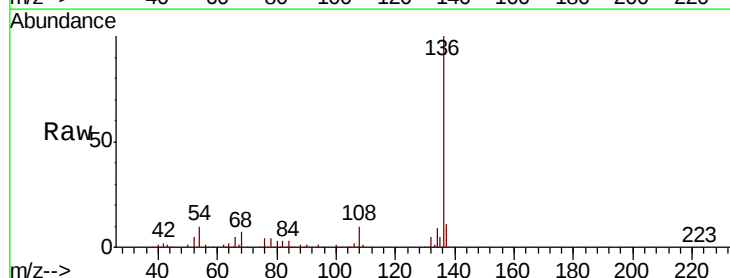
Ion Ratio Lower Upper

136 100

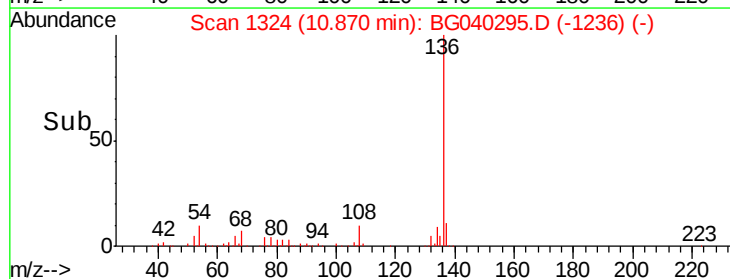
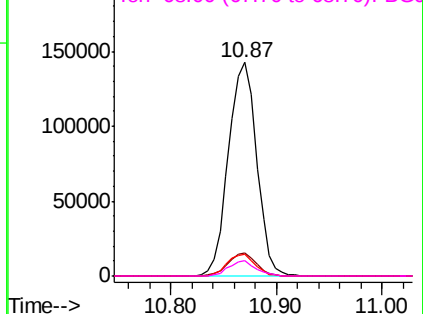
137 10.9 8.9 13.3

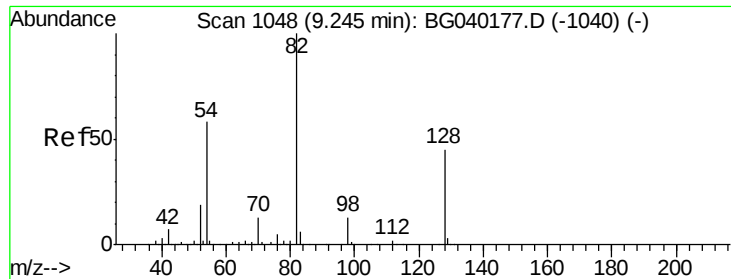
54 10.1 9.6 14.4

68 7.0 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

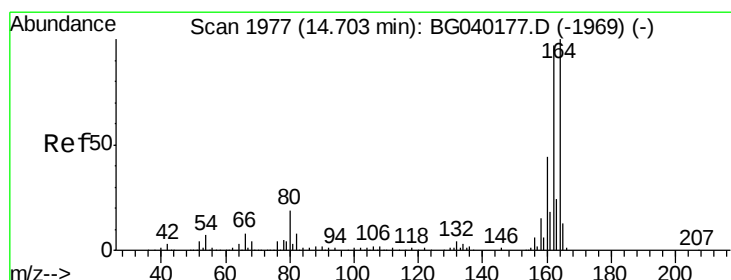
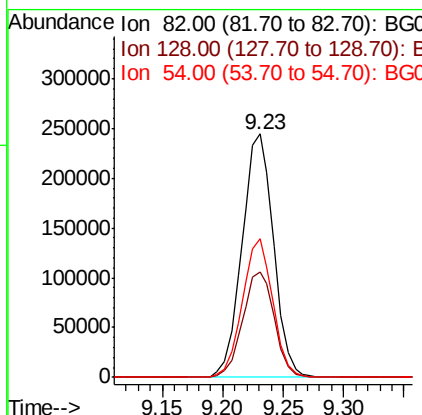
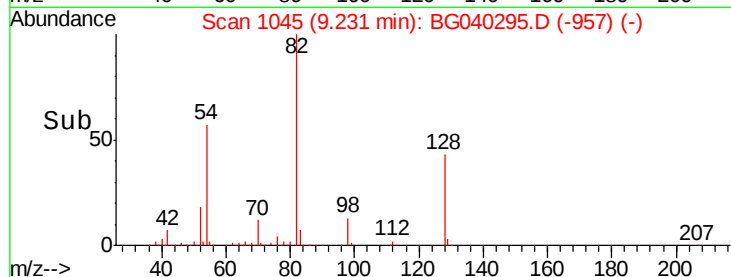
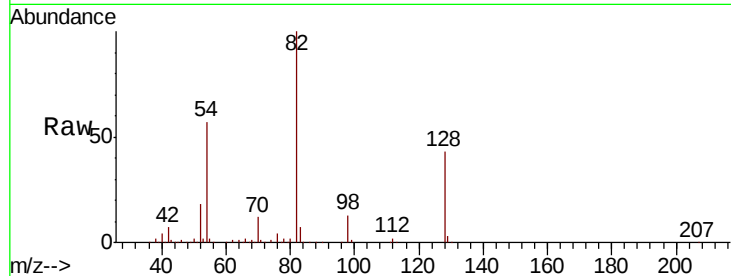




#23
Nitrobenzene-d5
Concen: 89.482 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

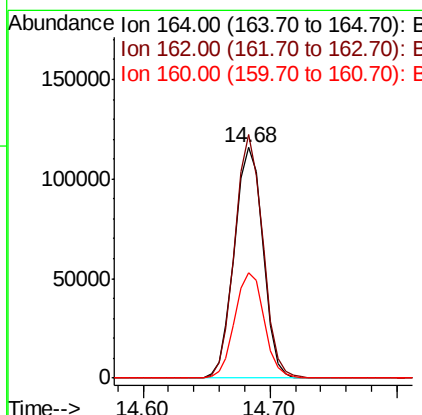
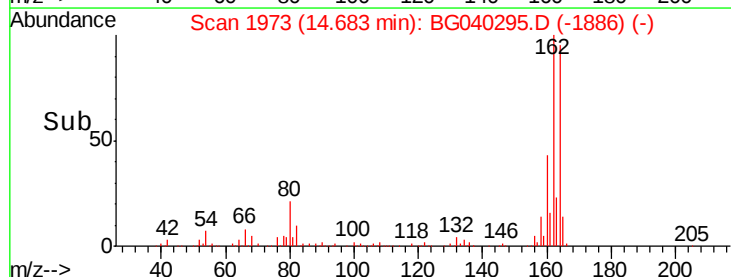
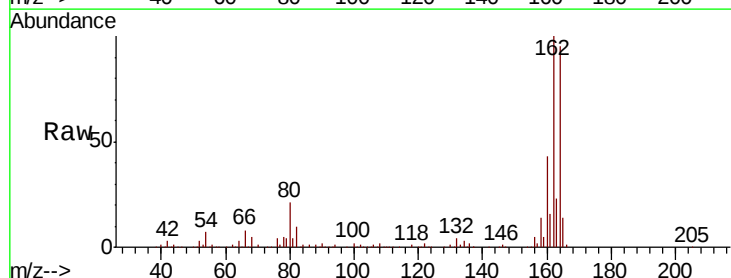
Instrument :
BNA_G
ClientSampleId :
OK-03-032919

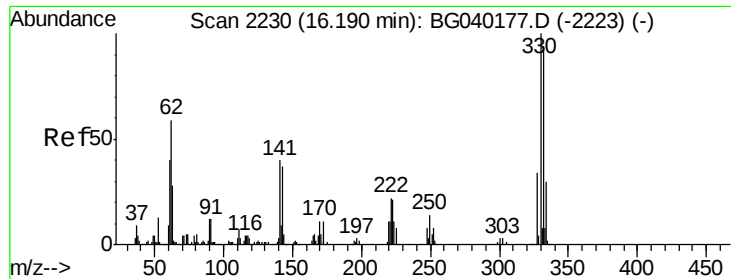
Tgt Ion: 82 Resp: 443806
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.8
54 56.8 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion: 164 Resp: 180994
Ion Ratio Lower Upper
164 100
162 105.6 77.4 116.2
160 45.7 35.3 52.9

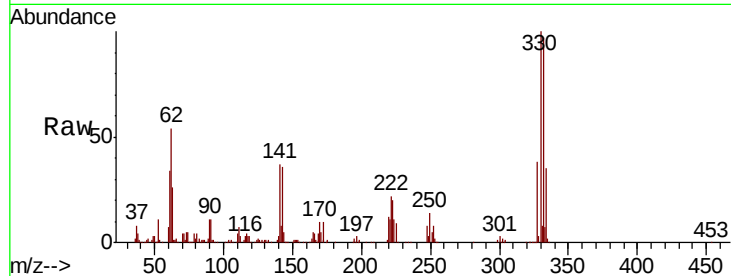




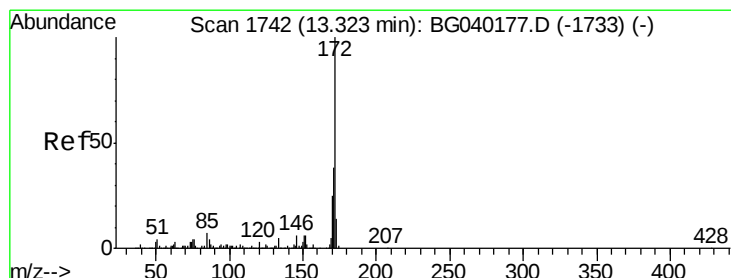
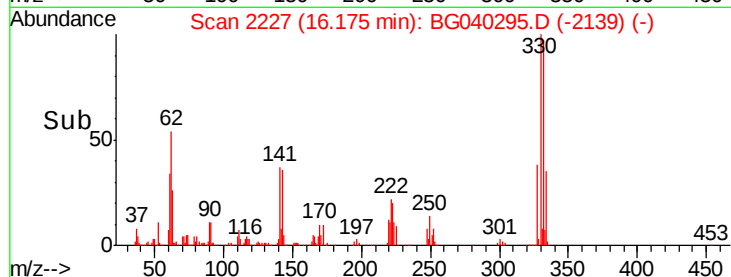
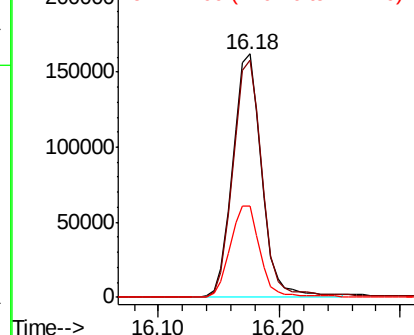
#42
 2,4,6-Tribromophenol
 Concen: 138.811 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG040295.D
 Acq: 2 Apr 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-032919

Tgt Ion:330 Resp: 271524
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 115.0
 141 38.2 32.6 48.8

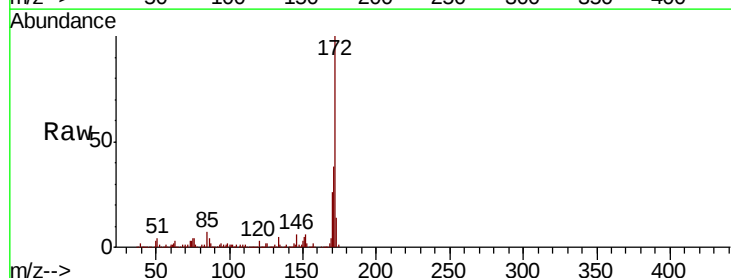


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

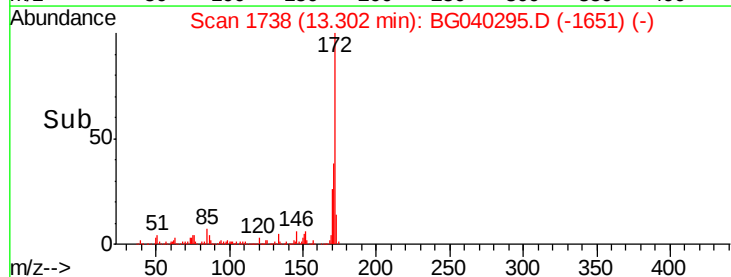
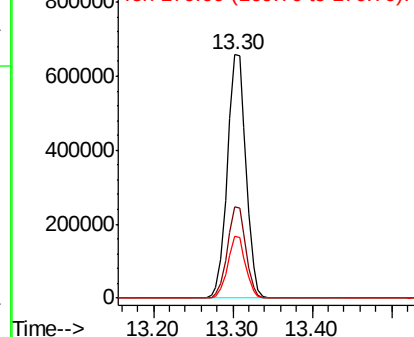


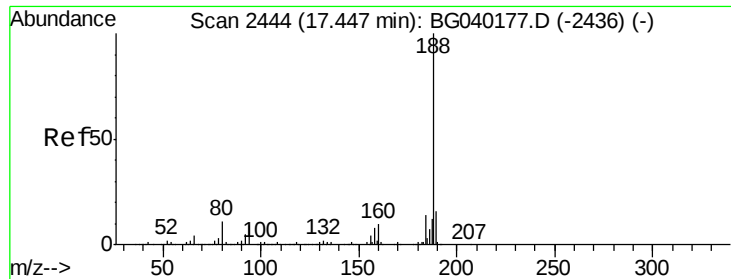
#45
 2-Fluorobiphenyl
 Concen: 87.030 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040295.D
 Acq: 2 Apr 2019 11:47

Tgt Ion:172 Resp: 1063052
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 25.6 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# 2440

Delta R.T. -0.02 min

Lab File: BG040295.D

Acq: 2 Apr 2019 11:47

Instrument :

BNA_G

ClientSampleId :

OK-03-032919

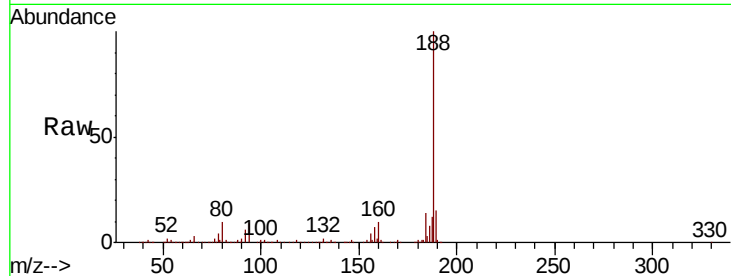
Tgt Ion:188 Resp: 446040

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 10.2 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

400000

300000

200000

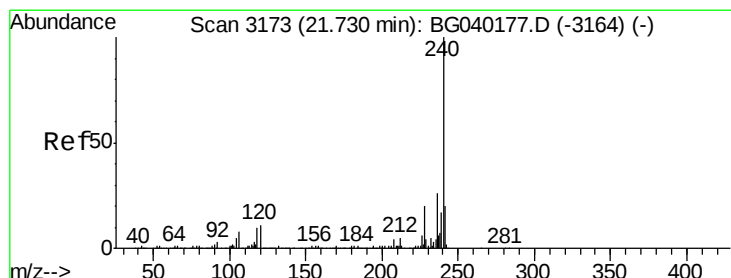
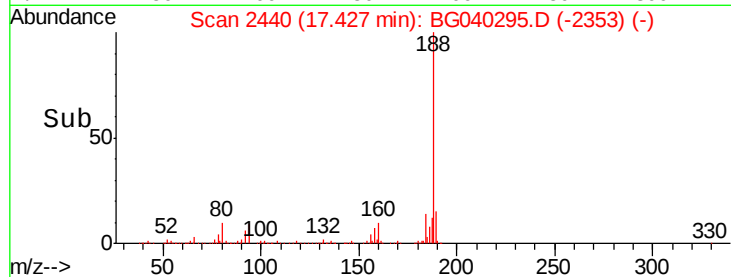
100000

0

17.43

17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040295.D

Acq: 2 Apr 2019 11:47

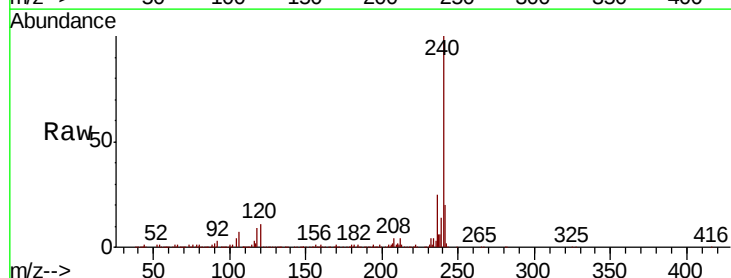
Tgt Ion:240 Resp: 443061

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.1 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

300000

200000

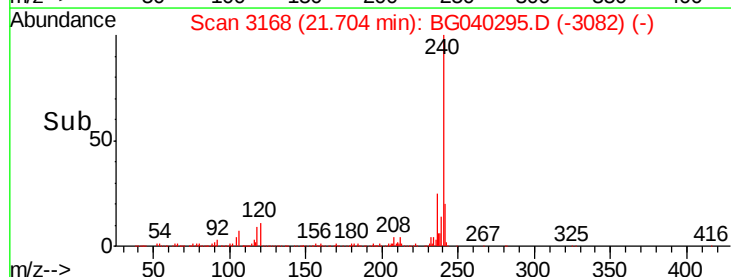
100000

0

21.70

21.60 21.80

Time-->





#79

Terphenyl-d14

Concen: 88.586 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040295.D

Acq: 2 Apr 2019 11:47

Instrument :

BNA_G

ClientSampleId :

OK-03-032919

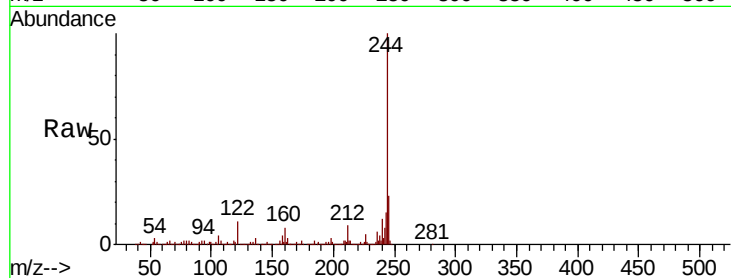
Tgt Ion:244 Resp: 1744674

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 11.3 8.5 12.7

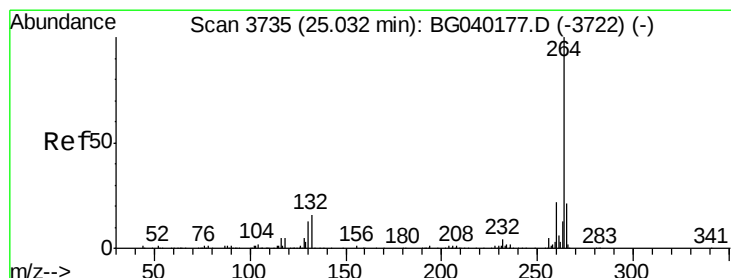
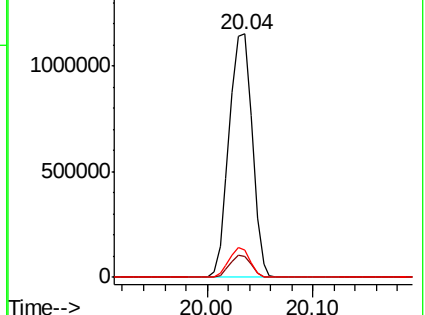
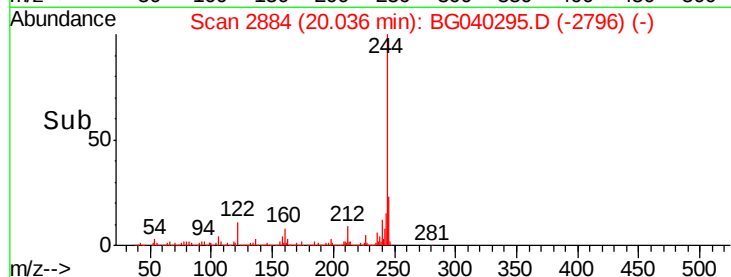


Abundance

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: BG040295.D

Acq: 2 Apr 2019 11:47

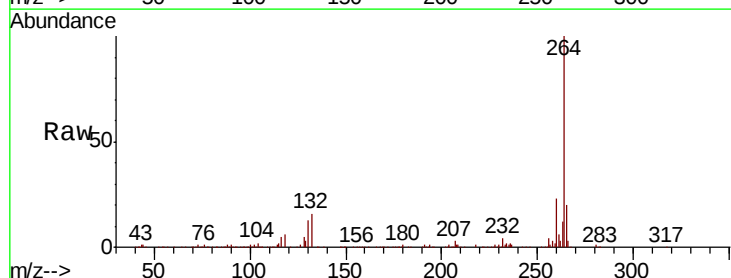
Tgt Ion:264 Resp: 447602

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 20.0 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

