

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043689.D
 Acq On : 19 Nov 2019 1:28
 Operator : JU
 Sample : K5833-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(2-4)

Quant Time: Nov 19 03:01:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

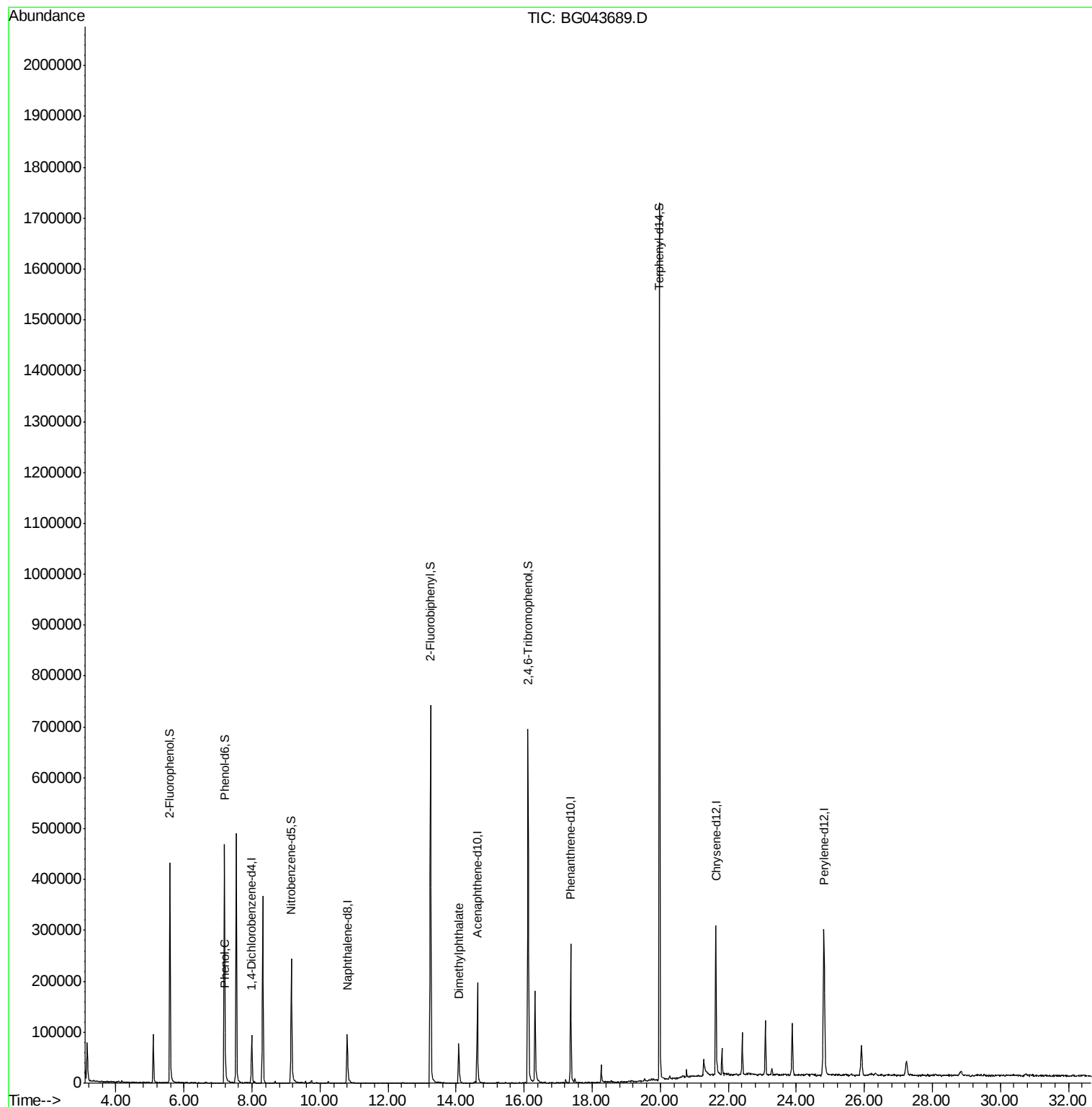
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28246	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	105782	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78520	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	195669	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	213971	20.00	ng	-0.03
87) Perylene-d12	24.81	264	254516	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	201508	130.73	ng	0.00
7) Phenol-d6	7.19	99	285026	128.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	171057	83.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	169778	113.62	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	442192	77.82	ng	-0.02
79) Terphenyl-d14	19.98	244	910302	79.81	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	11242	5.547	ng	94
50) Dimethylphthalate	14.07	163	67096	11.032	ng	98

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

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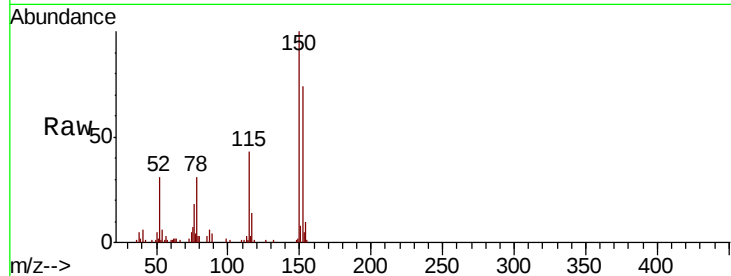


#1

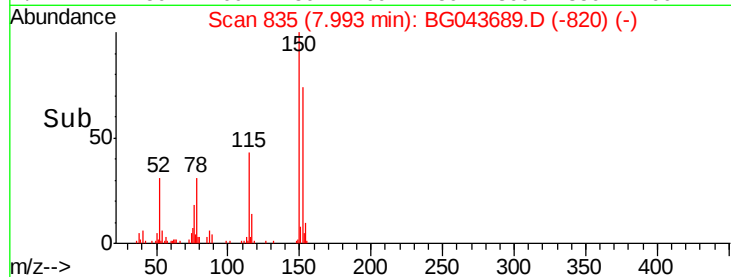
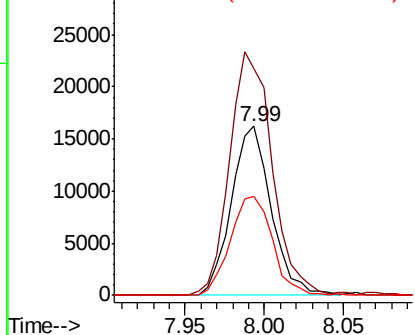
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tot Ion:152 Resp: 28246
Ion Ratio Lower Upper
152 100
150 134.5 129.4 194.0
115 58.4 48.8 73.2



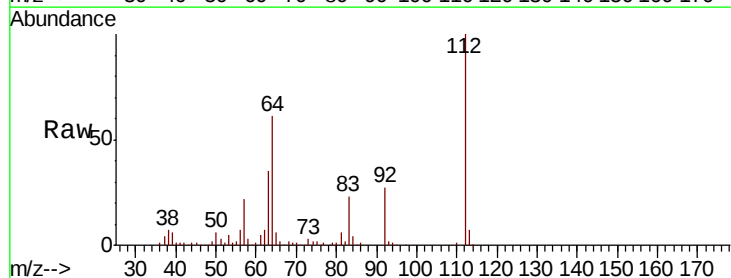
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



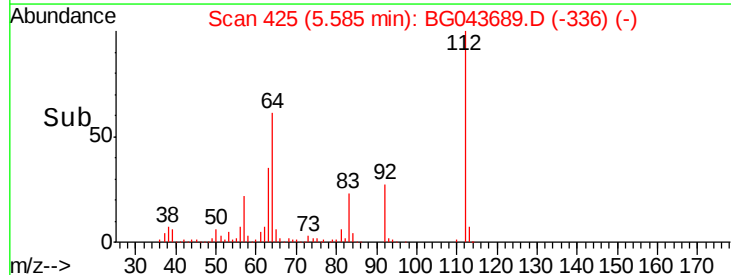
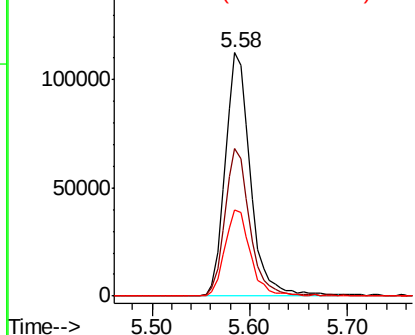
#5

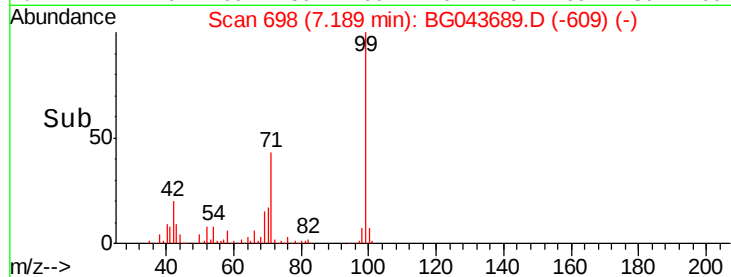
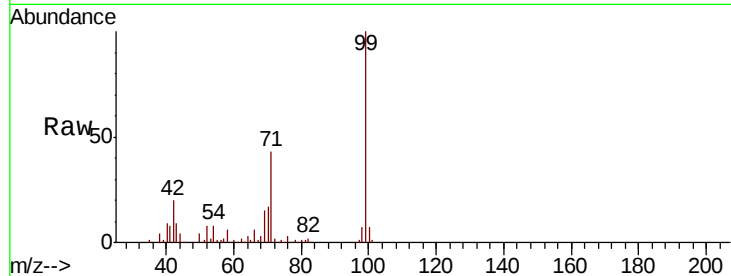
2-Fluorophenol
Concen: 130.727 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:112 Resp: 201508
Ion Ratio Lower Upper
112 100
64 60.8 50.0 75.0
63 35.1 26.6 40.0



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: 128.520 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

Instrument :

BNA_G

ClientSampleId :

8-(2-4)

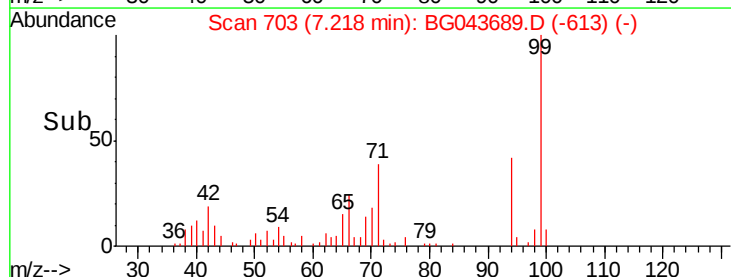
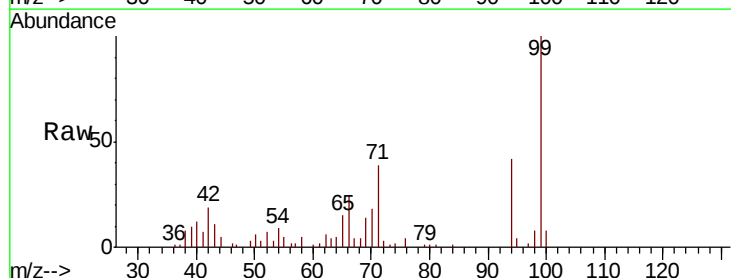
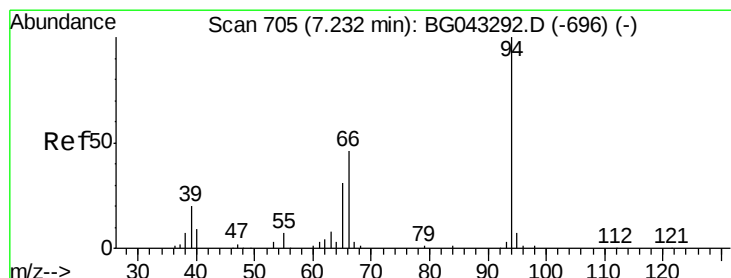
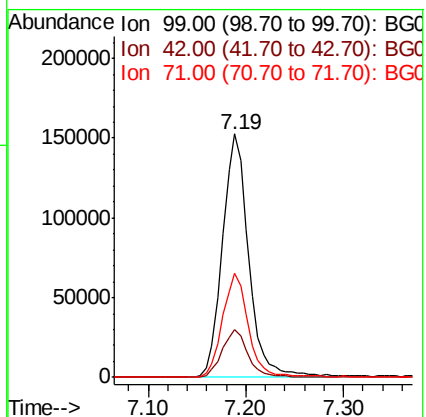
Tot Ion: 99 Resp: 285026

Ion Ratio Lower Upper

99 100

42 19.8 14.6 21.8

71 42.6 32.5 48.7



#10

Phenol

Concen: 5.547 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

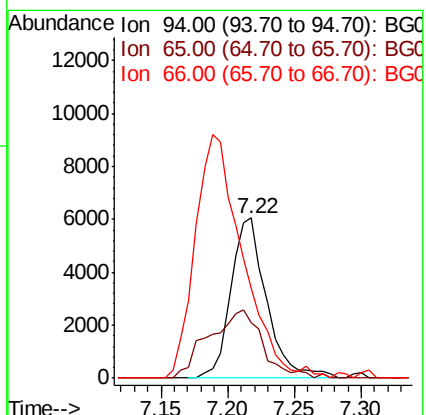
Tgt Ion: 94 Resp: 11242

Ion Ratio Lower Upper

94 100

65 34.3 12.6 52.6

66 56.2 30.7 70.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

Instrument :

BNA_G

ClientSampleId :

8-(2-4)

Tot Ion:136 Resp: 105782

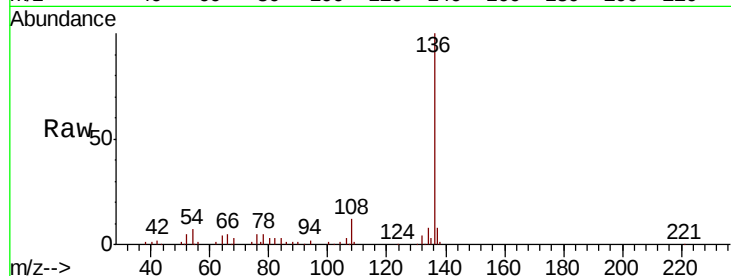
Ion Ratio Lower Upper

136 100

137 8.4 8.7 13.1#

54 7.3 5.4 8.2

68 3.5 3.0 4.4

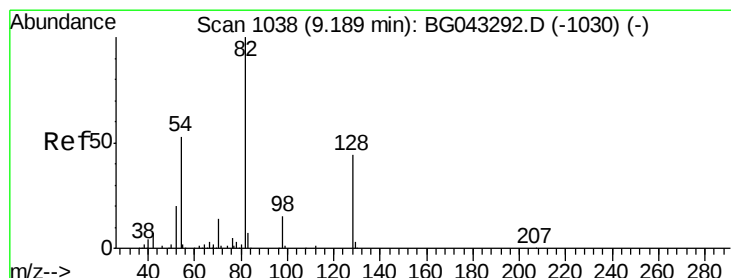
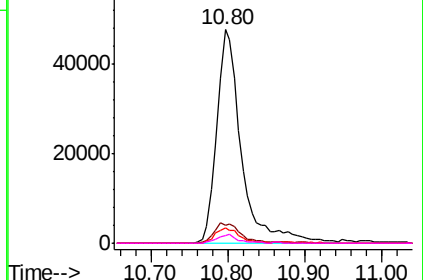
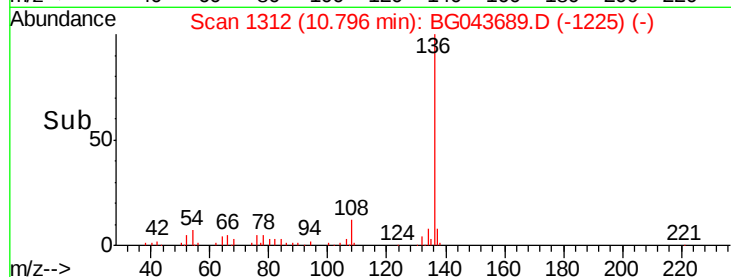


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.367 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

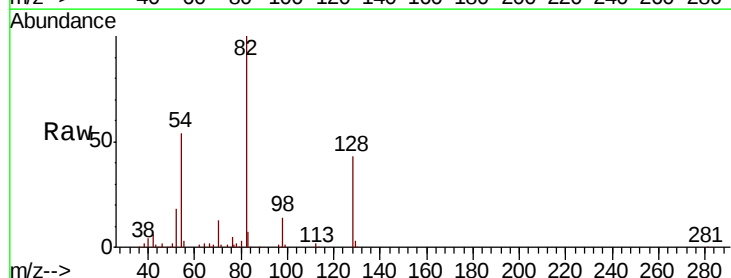
Tgt Ion: 82 Resp: 171057

Ion Ratio Lower Upper

82 100

128 43.3 35.0 52.6

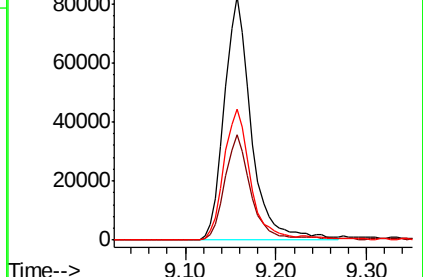
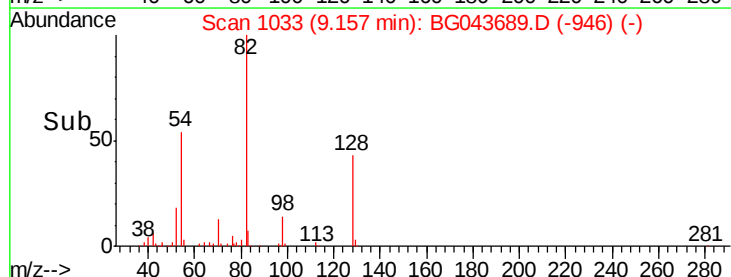
54 53.8 40.2 60.2

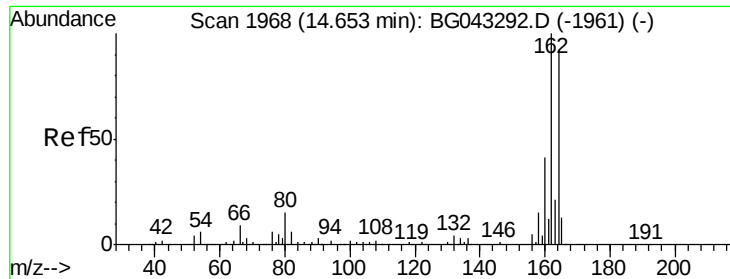


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

Instrument :

BNA_G

ClientSampleId :

8-(2-4)

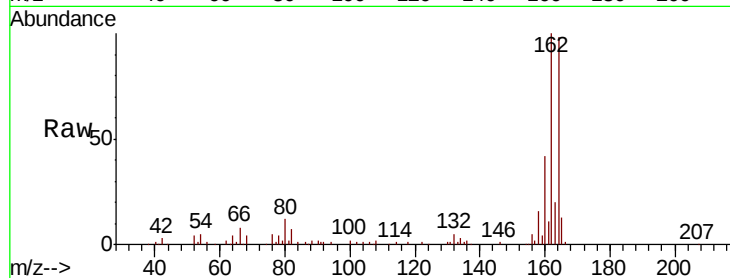
Tot Ion:164 Resp: 78520

Ion Ratio Lower Upper

164 100

162 101.8 83.5 125.3

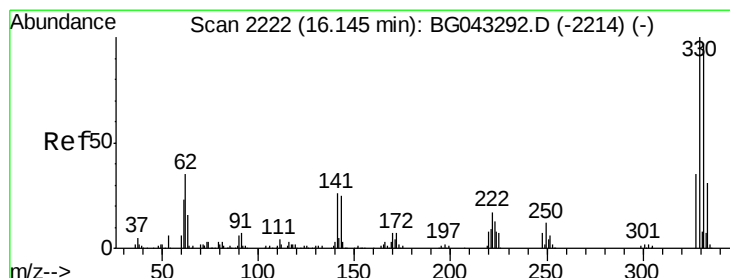
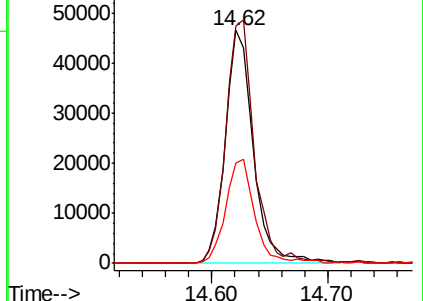
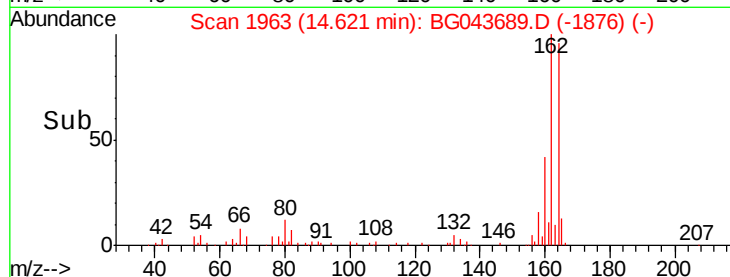
160 42.8 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 113.622 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

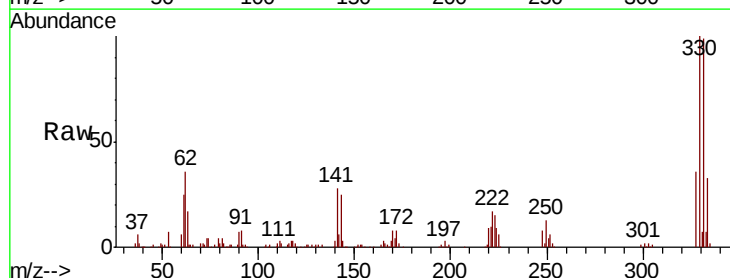
Tgt Ion:330 Resp: 169778

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

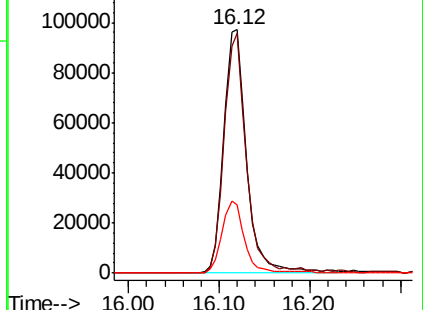
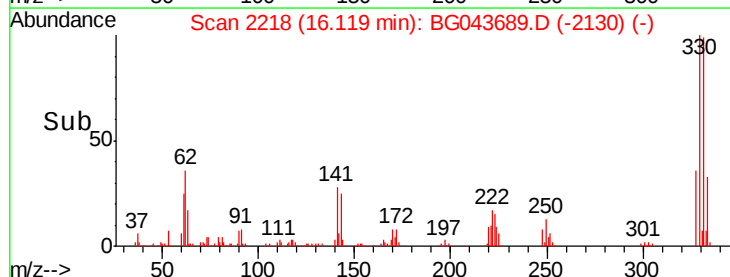
141 29.3 22.8 34.2

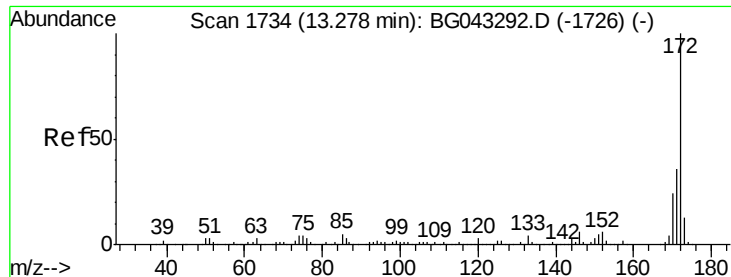


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

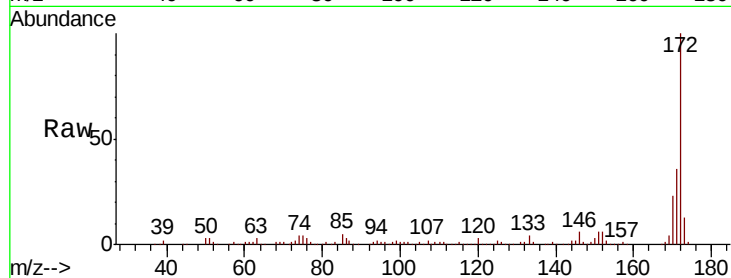




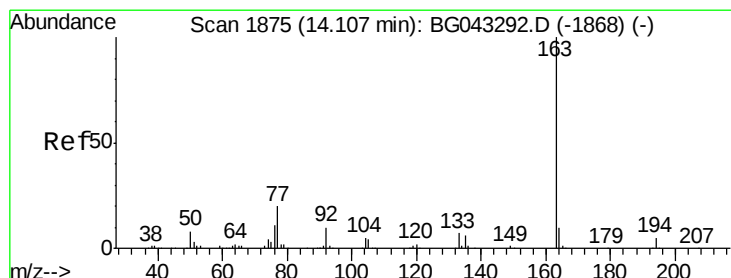
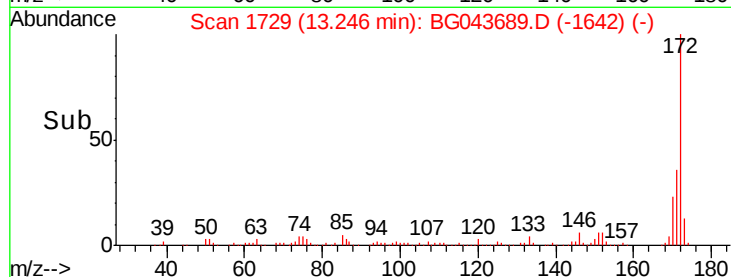
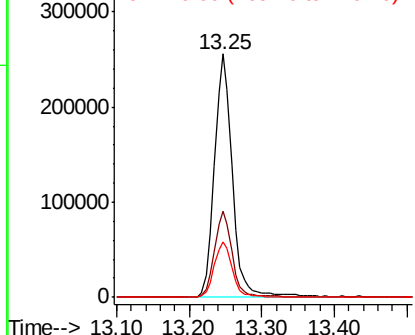
#45
 2-Fluorobiphenyl
 Concen: 77.817 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043689.D
 Acq: 19 Nov 2019 1:28

Instrument :
 BNA_G
 ClientSampleId :
 8-(2-4)

Tot Ion:172 Resp: 442192
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 22.7 18.5 27.7

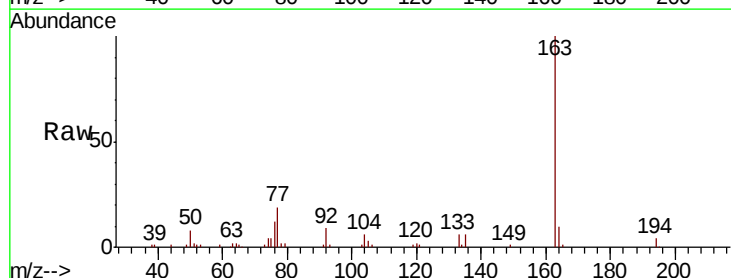


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

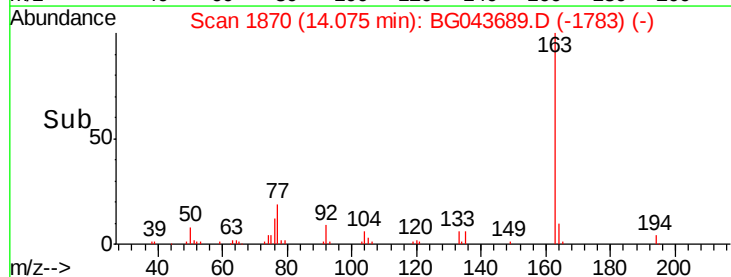
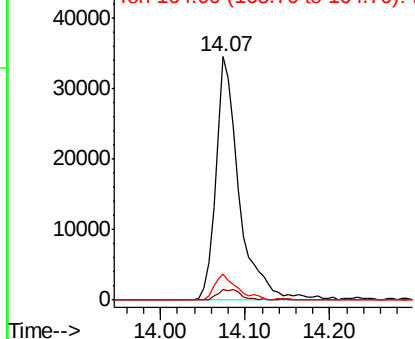


#50
 Dimethylphthalate
 Concen: 11.032 ng
 RT: 14.07 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BG043689.D
 Acq: 19 Nov 2019 1:28

Tgt Ion:163 Resp: 67096
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.8 5.6
 164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

Instrument :

BNA_G

ClientSampleId :

8-(2-4)

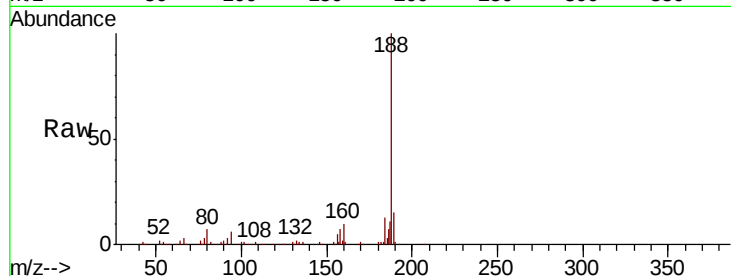
Tot Ion:188 Resp: 195669

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

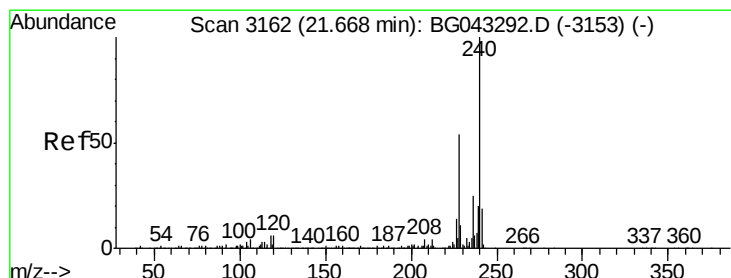
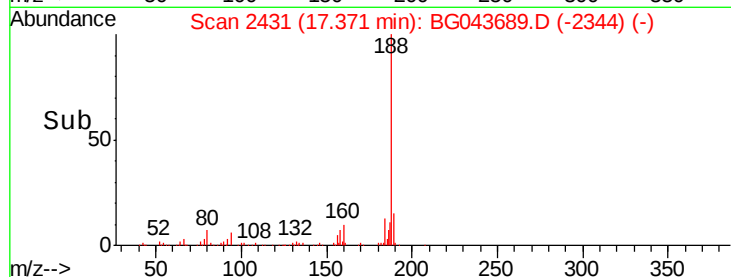
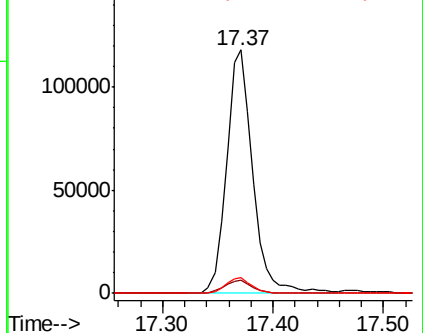
80 6.6 4.5 6.7



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: 21.63 min Scan# 3156

Delta R.T. -0.03 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

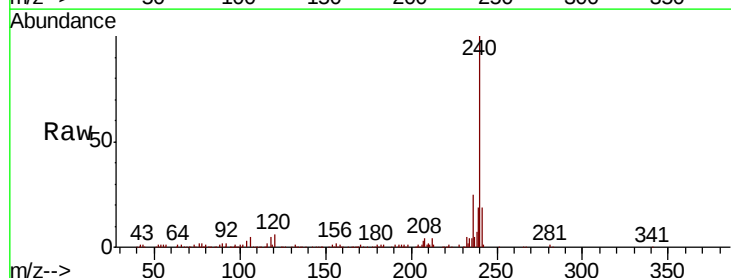
Tgt Ion:240 Resp: 213971

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

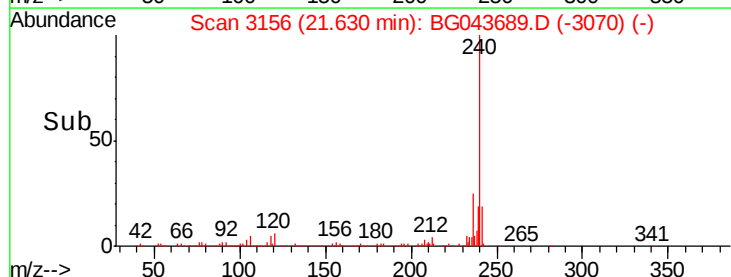
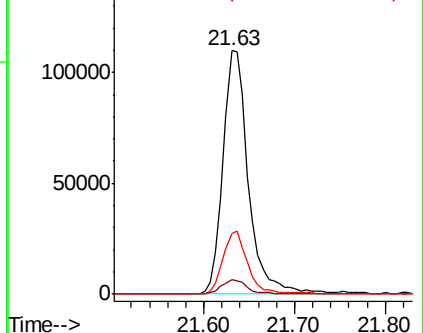
236 25.1 19.8 29.8

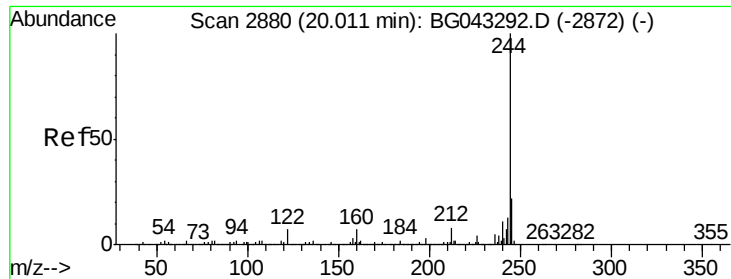


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.814 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

Instrument :

BNA_G

ClientSampleId :

8-(2-4)

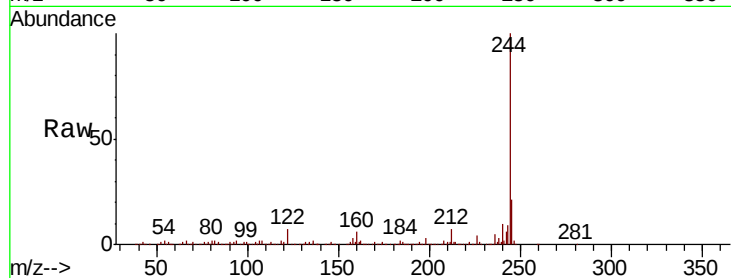
Tot Ion:244 Resp: 910302

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

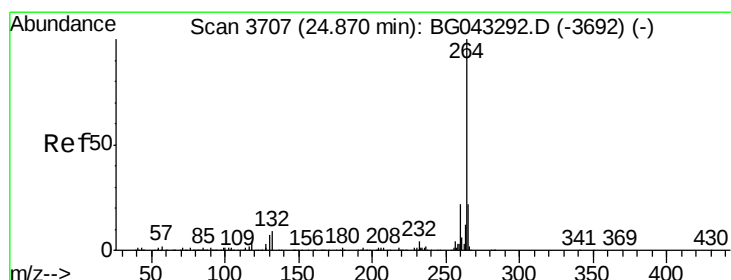
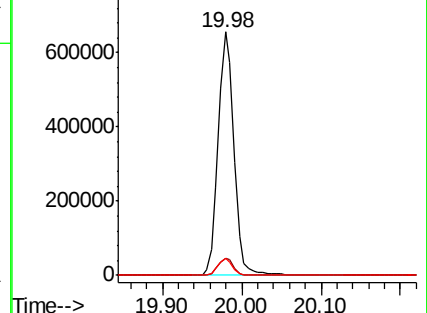
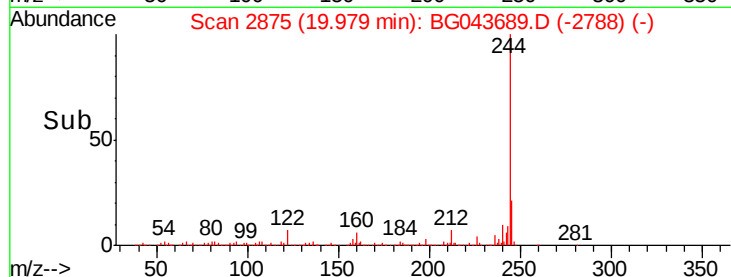
122 6.9 5.4 8.2



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: 24.81 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043689.D

Acq: 19 Nov 2019 1:28

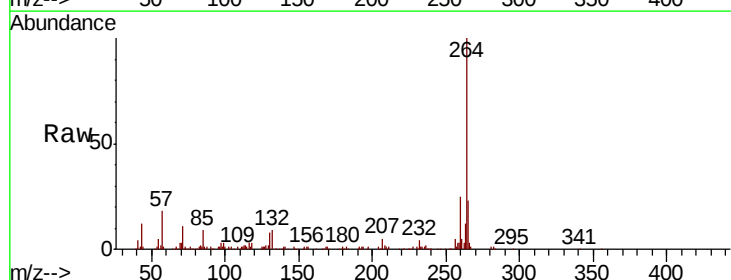
Tgt Ion:264 Resp: 254516

Ion Ratio Lower Upper

264 100

260 24.5 17.5 26.3

265 22.8 17.4 26.0



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

