

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043683.D
 Acq On : 18 Nov 2019 21:32
 Operator : JU
 Sample : K5904-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-(4-7)

Quant Time: Nov 19 02:46:15 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

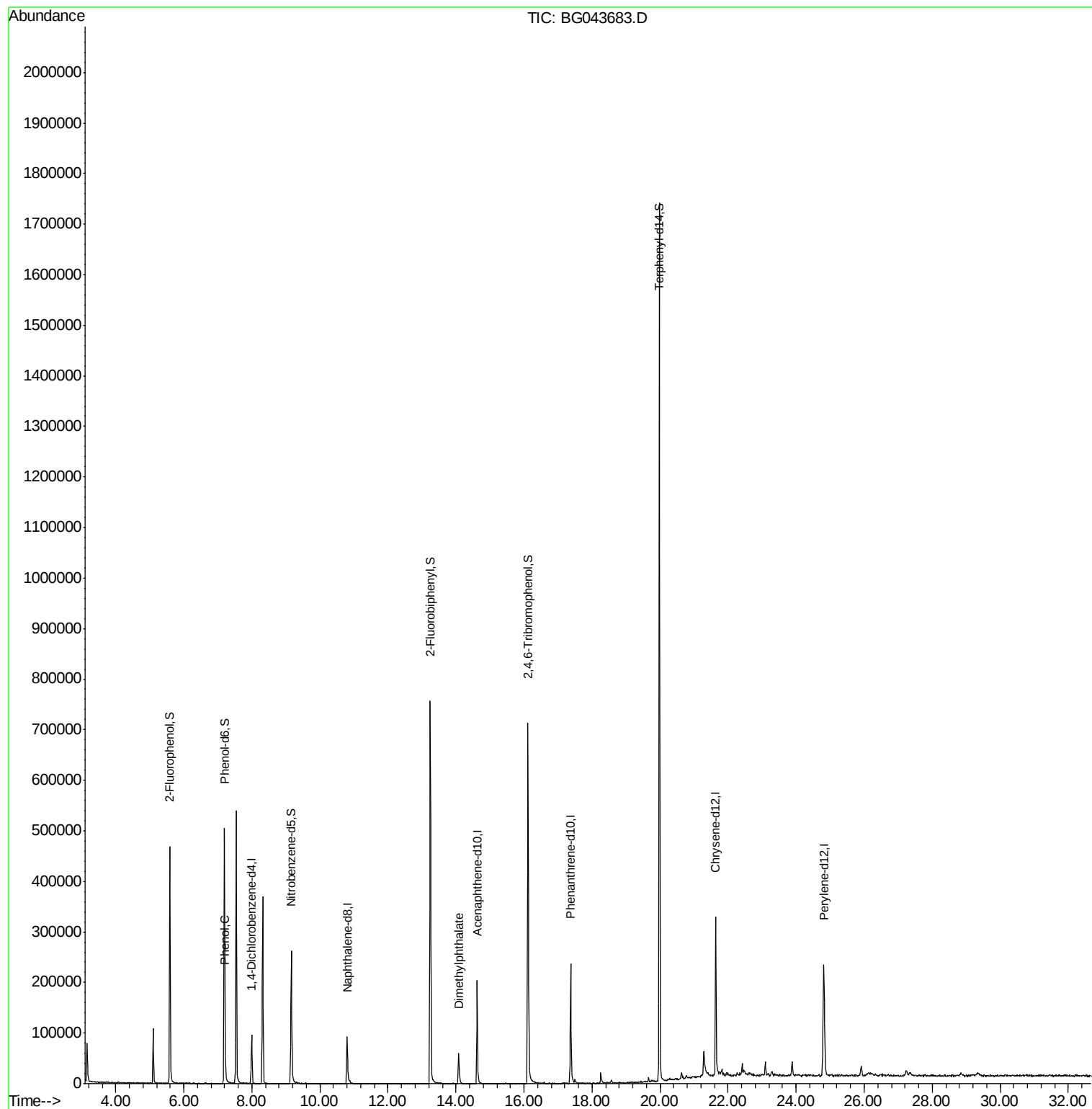
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29295	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	104467	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	76575	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	193757	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	215067	20.00	ng	-0.02
87) Perylene-d12	24.82	264	249519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	212623	133.00	ng	0.00
7) Phenol-d6	7.19	99	304129	132.22	ng	0.00
23) Nitrobenzene-d5	9.15	82	182954	90.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	181604	124.62	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	471072	85.01	ng	-0.02
79) Terphenyl-d14	19.98	244	958729	83.63	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	13268	6.313	ng	92
50) Dimethylphthalate	14.08	163	56529	9.531	ng	99

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

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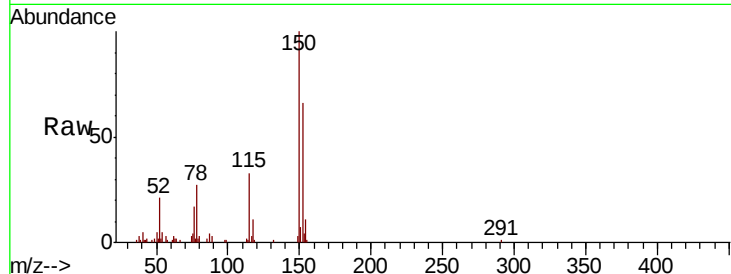


#1

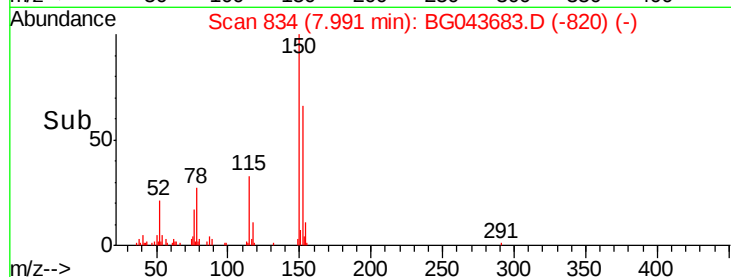
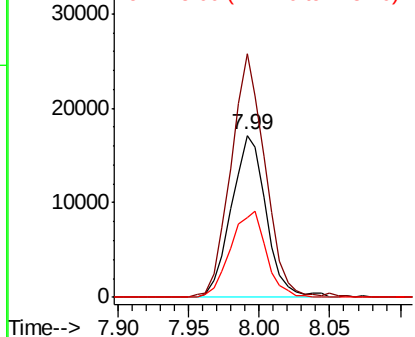
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Instrument :
BNA_G
ClientSampleId :
11-(4-7)

Tot Ion:152 Resp: 29295
Ion Ratio Lower Upper
152 100
150 150.5 129.4 194.0
115 49.6 48.8 73.2



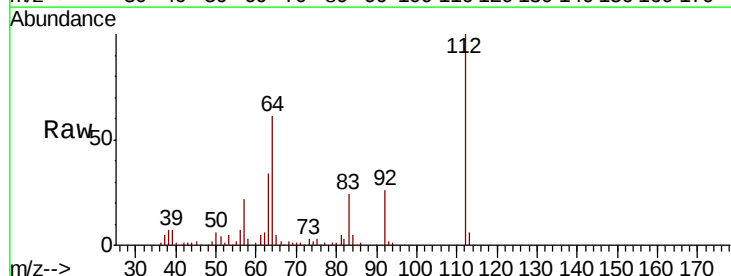
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



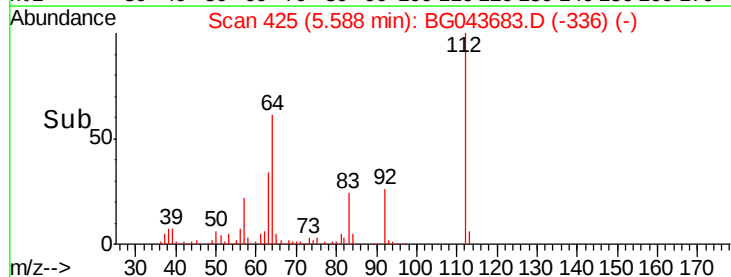
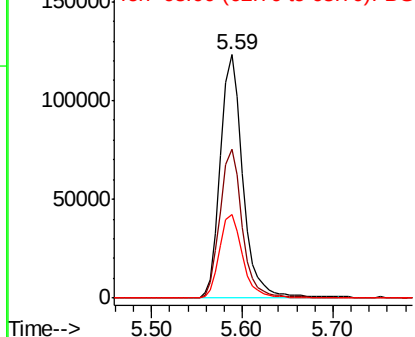
#5

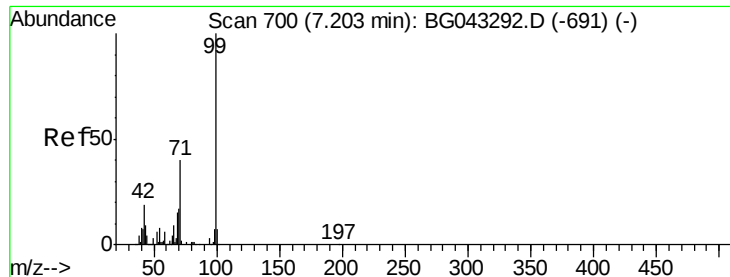
2-Fluorophenol
Concen: 132.999 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion:112 Resp: 212623
Ion Ratio Lower Upper
112 100
64 61.2 50.0 75.0
63 34.4 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: 132.223 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

11-(4-7)

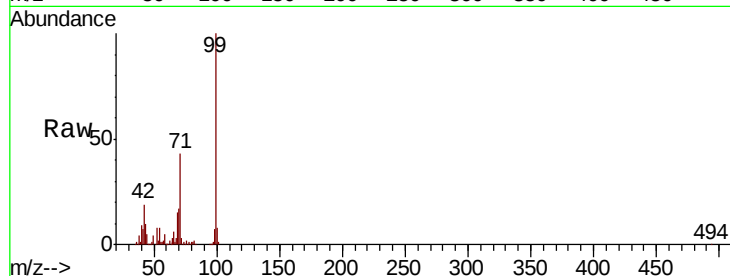
Tot Ion: 99 Resp: 304129

Ion Ratio Lower Upper

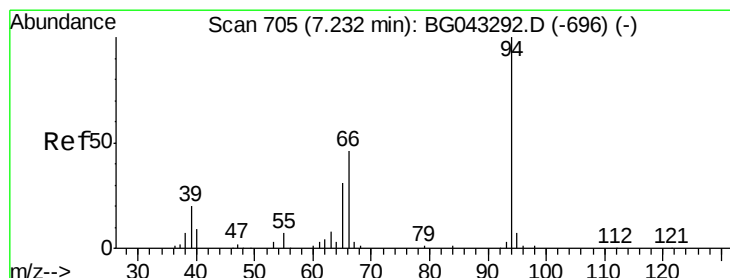
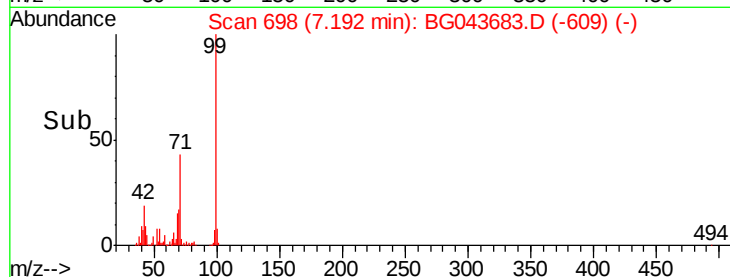
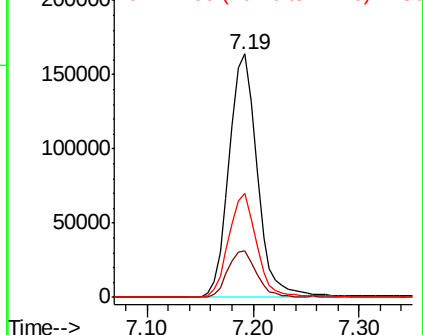
99 100

42 19.3 14.6 21.8

71 42.5 32.5 48.7



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



#10

Phenol

Concen: 6.313 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

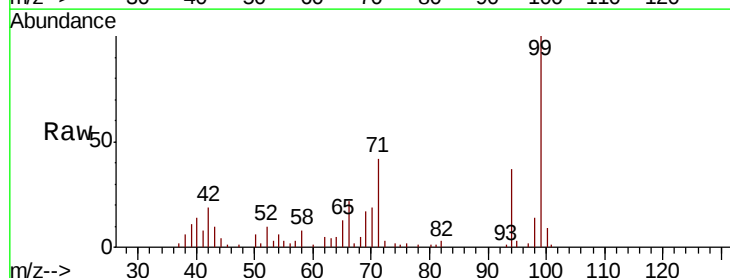
Tgt Ion: 94 Resp: 13268

Ion Ratio Lower Upper

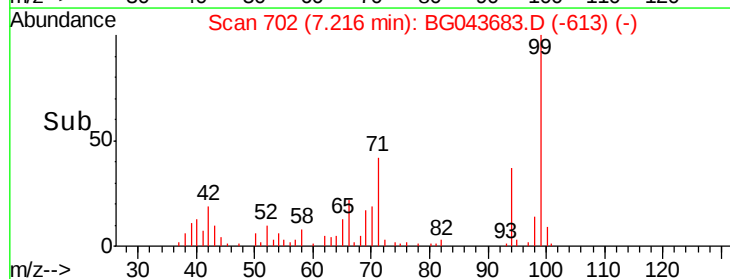
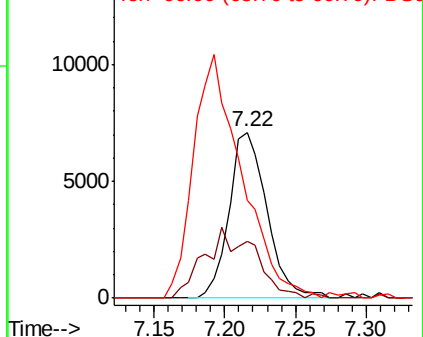
94 100

65 34.4 12.6 52.6

66 58.7 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

11-(4-7)

Tot Ion:136 Resp: 104467

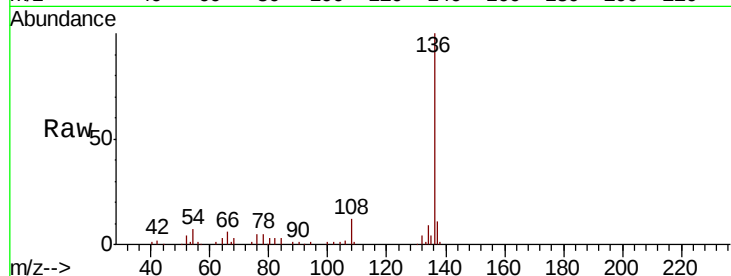
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 5.4 8.2

68 3.5 3.0 4.4

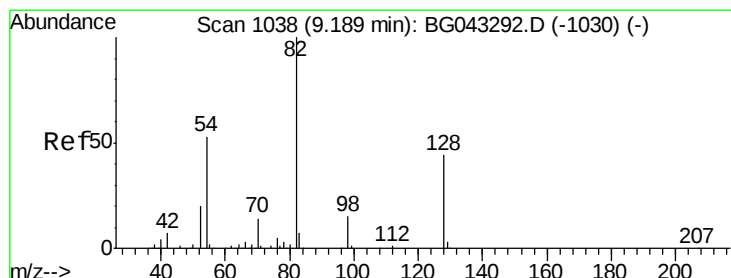
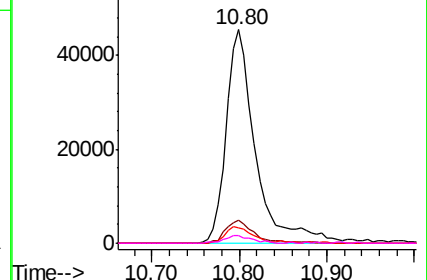
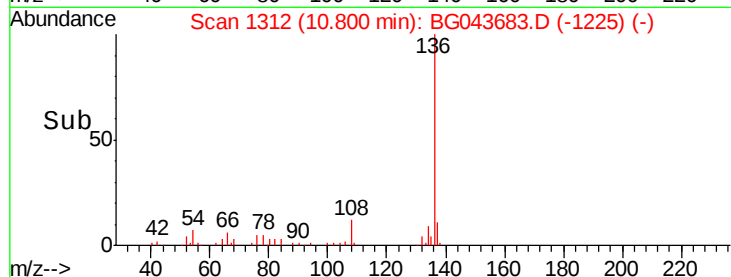


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.288 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

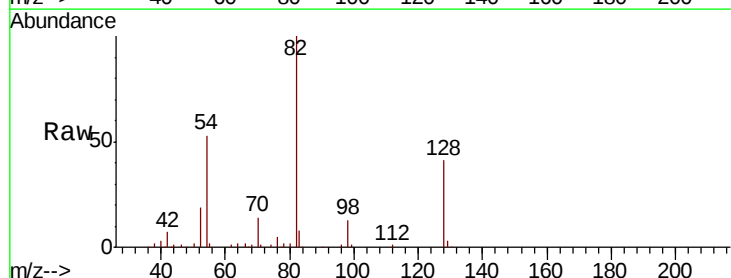
Tgt Ion: 82 Resp: 182954

Ion Ratio Lower Upper

82 100

128 40.9 35.0 52.6

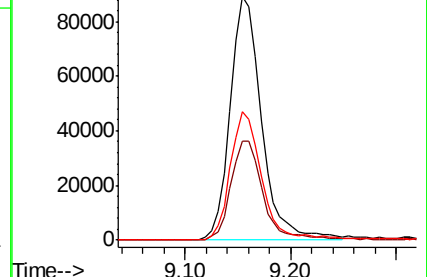
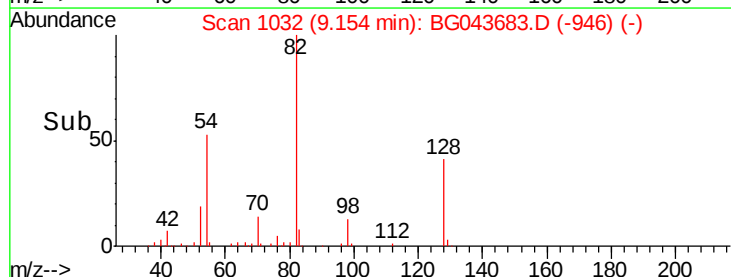
54 52.9 40.2 60.2

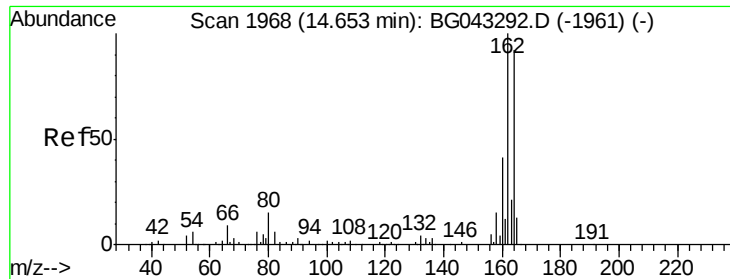


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

11-(4-7)

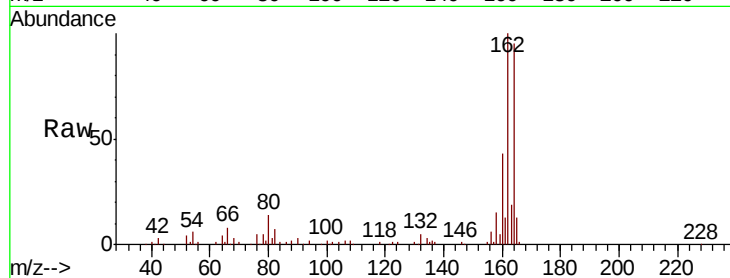
Tot Ion:164 Resp: 76575

Ion Ratio Lower Upper

164 100

162 105.4 83.5 125.3

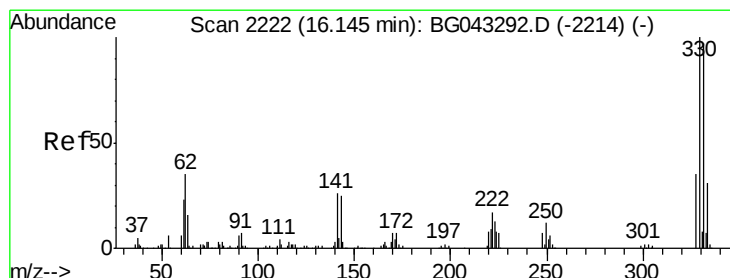
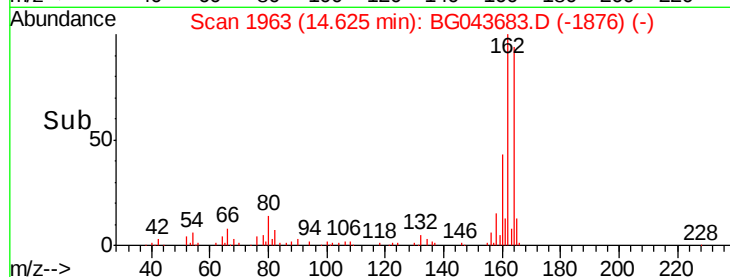
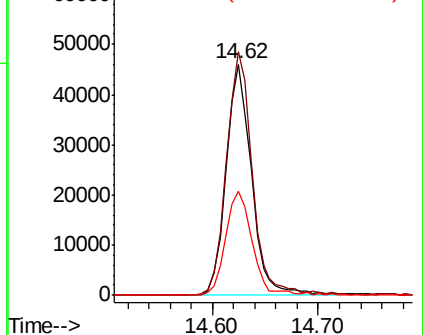
160 44.9 36.5 54.7



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: 124.623 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

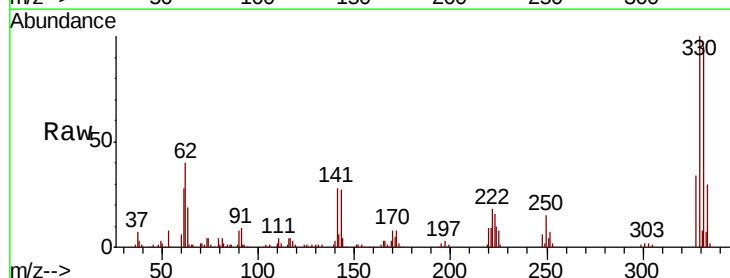
Tgt Ion:330 Resp: 181604

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

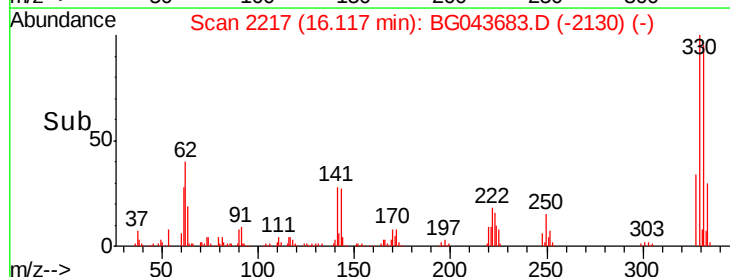
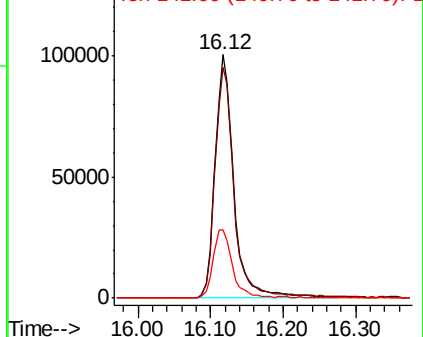
141 28.5 22.8 34.2

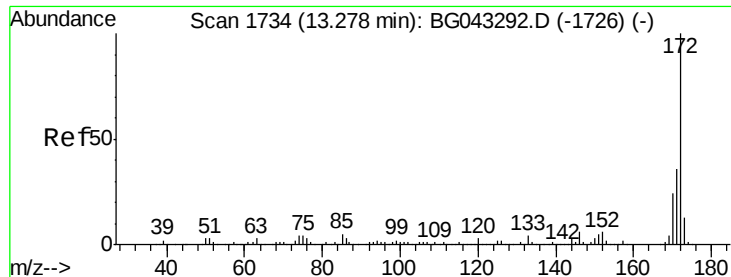


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

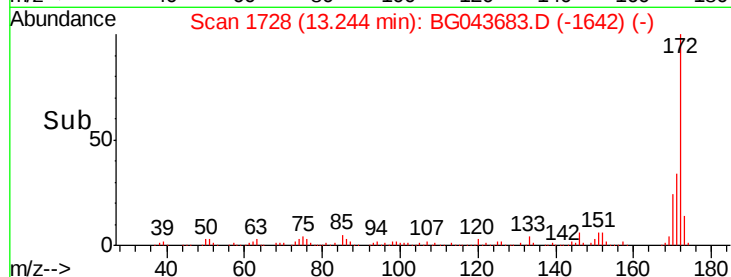
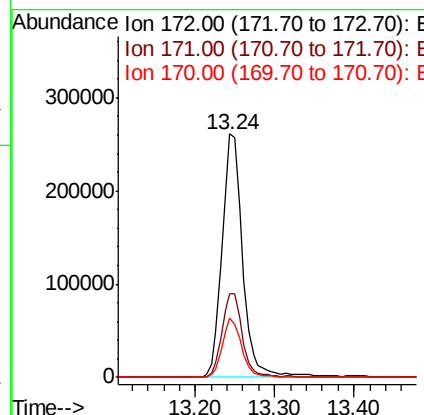
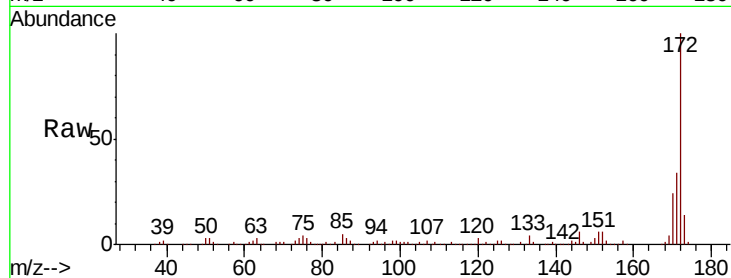




#45
2-Fluorobiphenyl
Concen: 85.005 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

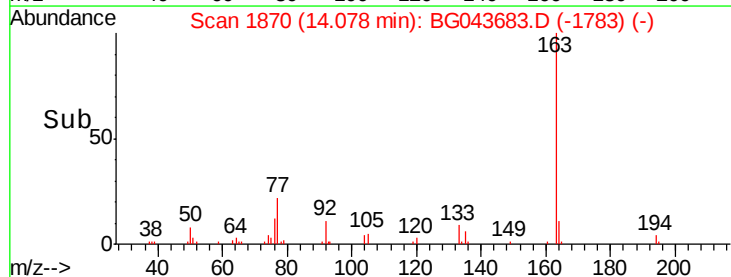
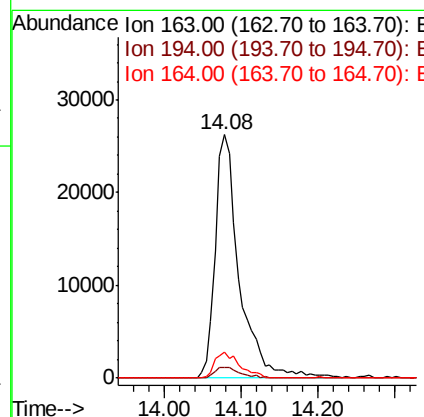
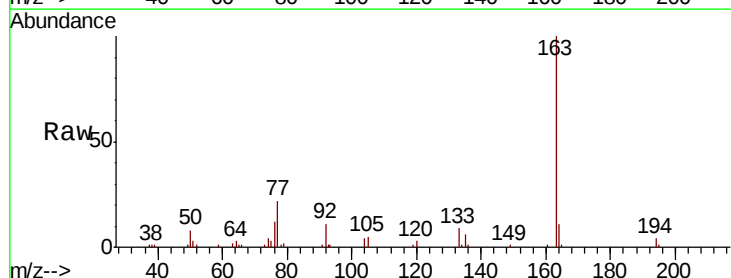
Instrument :
BNA_G
ClientSampleId :
11-(4-7)

Tot Ion:172 Resp: 471072
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 24.4 18.5 27.7



#50
Dimethylphthalate
Concen: 9.531 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion:163 Resp: 56529
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.8 8.9 13.3

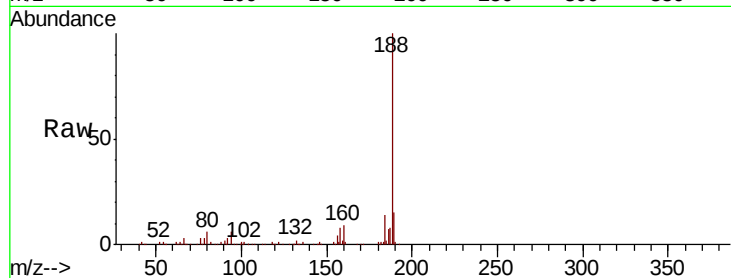




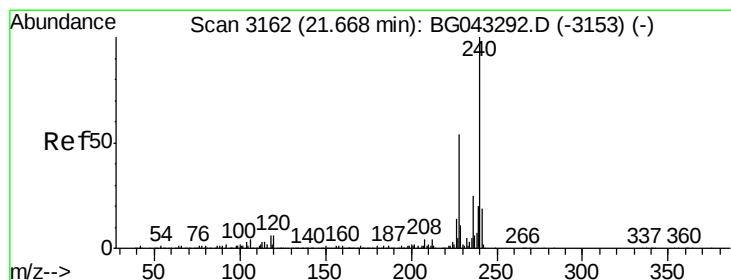
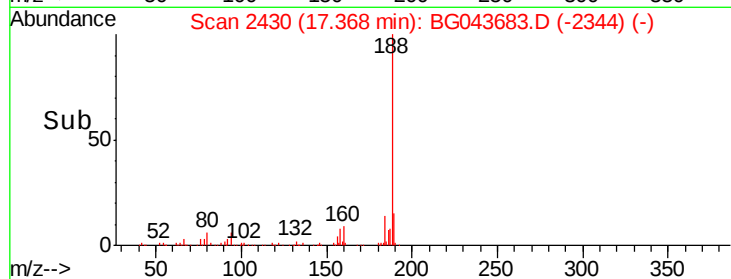
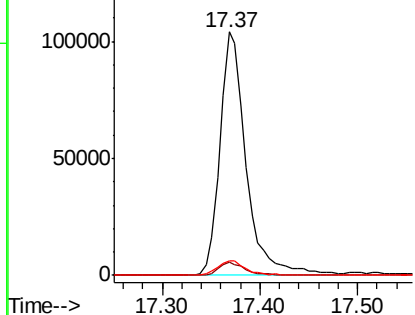
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Instrument :
BNA_G
ClientSampled :
11-(4-7)

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.2	4.5	6.7

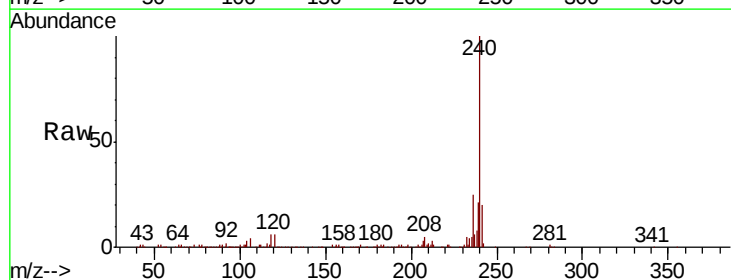


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

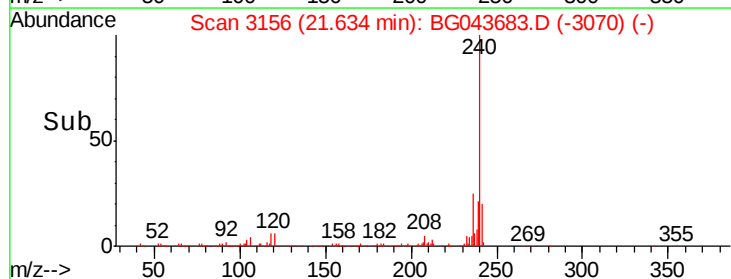
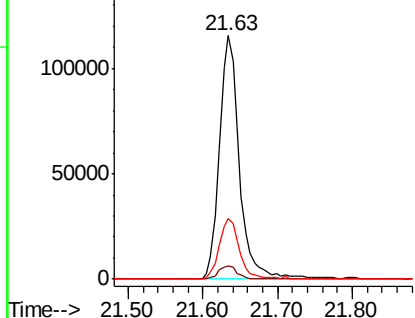


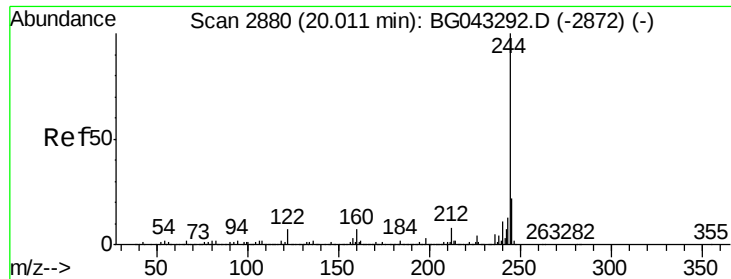
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	25.0	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: 83.631 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

11-(4-7)

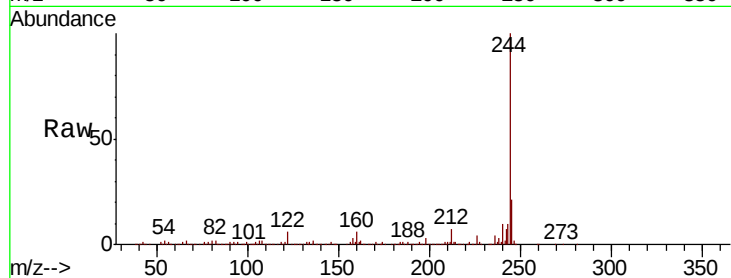
Tot Ion:244 Resp: 958729

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

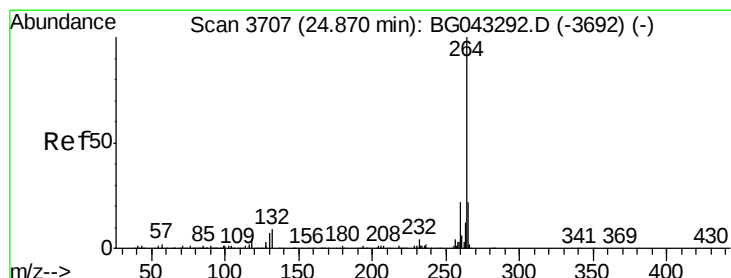
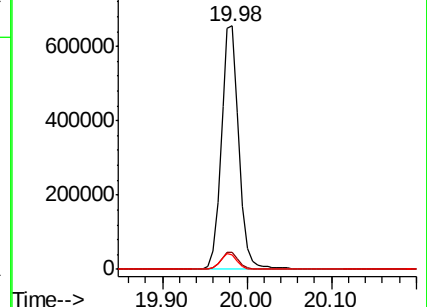
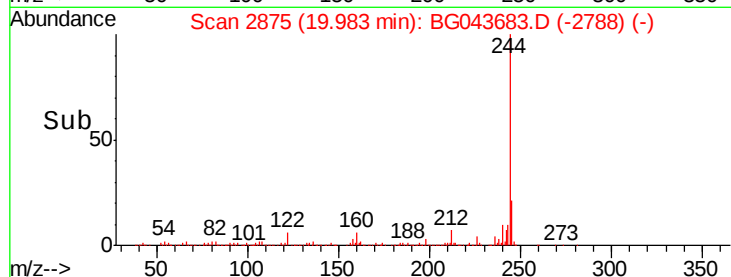
122 6.0 5.4 8.2



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: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

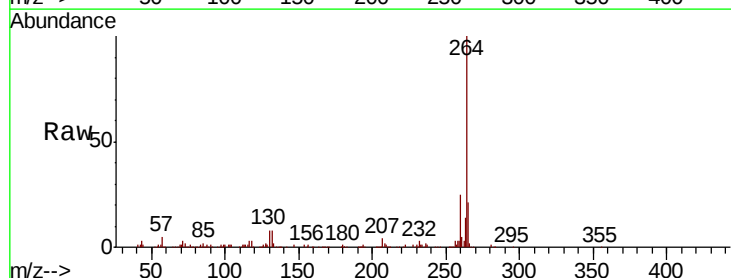
Tgt Ion:264 Resp: 249519

Ion Ratio Lower Upper

264 100

260 25.2 17.5 26.3

265 20.9 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

