

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043376.D
 Acq On : 29 Oct 2019 16:23
 Operator : JU
 Sample : K5544-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N-1

Quant Time: Oct 30 08:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

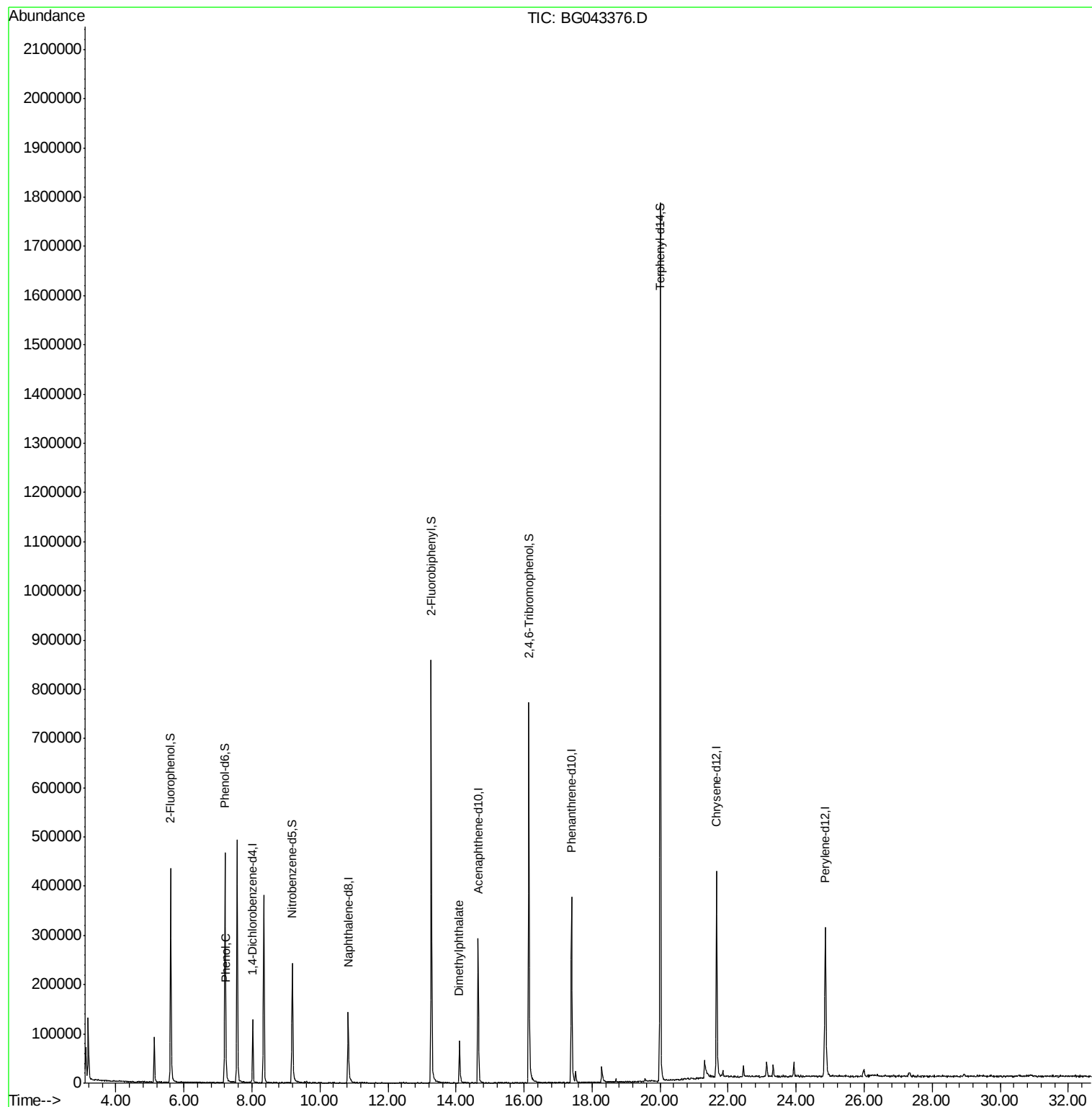
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40682	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152784	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120237	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	281028	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300630	20.00	ng	0.00
87) Perylene-d12	24.86	264	352975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	206556	93.04	ng	0.00
7) Phenol-d6	7.21	99	297575	93.16	ng	0.00
23) Nitrobenzene-d5	9.18	82	173097	58.41	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	196865	86.04	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	531843	61.12	ng	0.00
79) Terphenyl-d14	20.01	244	1022340	63.80	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7332	2.512	ng	Qvalue # 75
50) Dimethylphthalate	14.10	163	75352	8.091	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: 8.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

Instrument :

BNA_G

ClientSampleId :

N-1

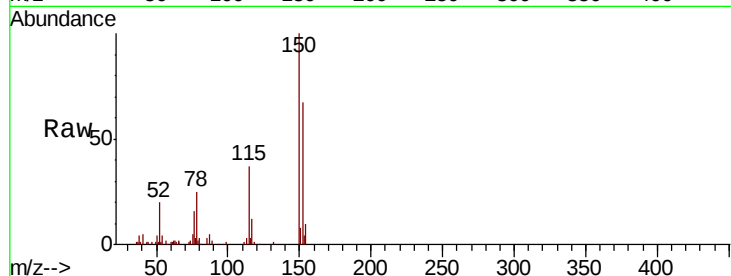
Tot Ion:152 Resp: 40682

Ion Ratio Lower Upper

152 100

150 150.2 113.6 170.4

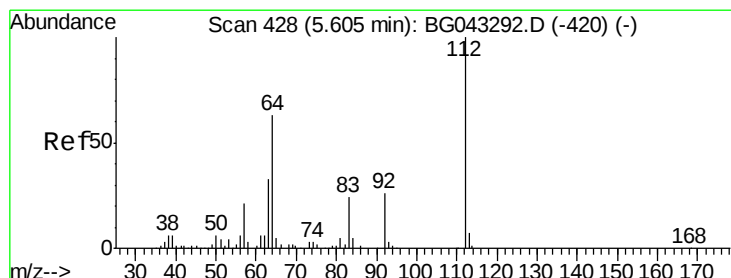
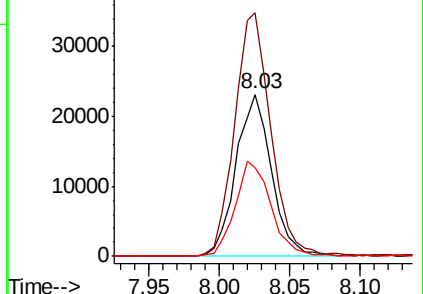
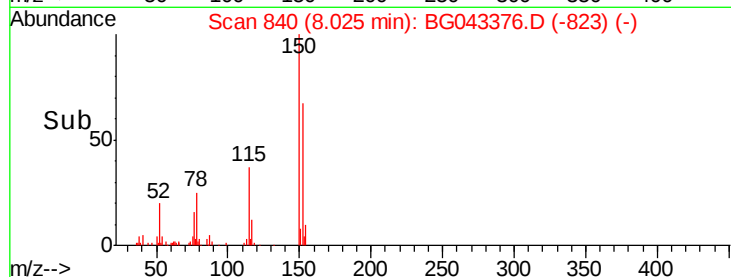
115 55.1 45.9 68.9



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: 93.039 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

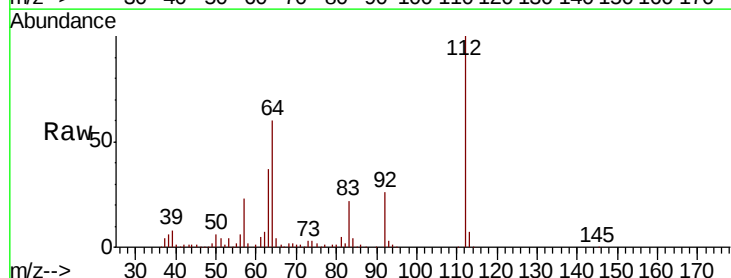
Tgt Ion:112 Resp: 206556

Ion Ratio Lower Upper

112 100

64 59.5 50.2 75.2

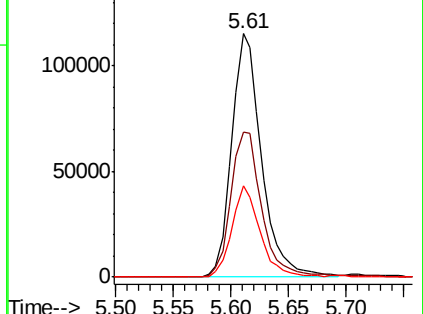
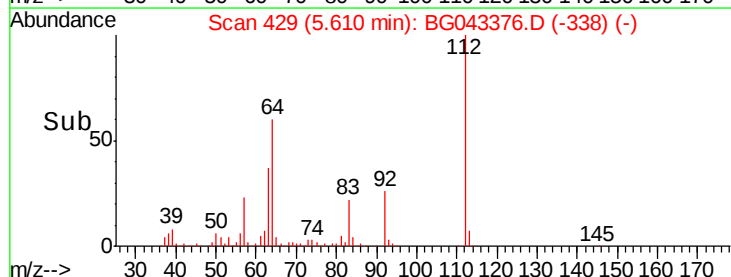
63 37.3 26.7 40.1



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: 93.161 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

Instrument :

BNA_G

ClientSampleId :

N-1

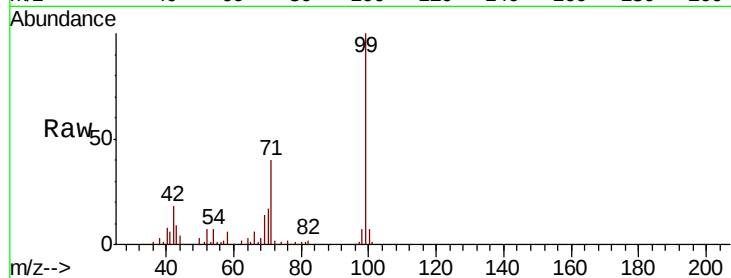
Tot Ion: 99 Resp: 297575

Ion Ratio Lower Upper

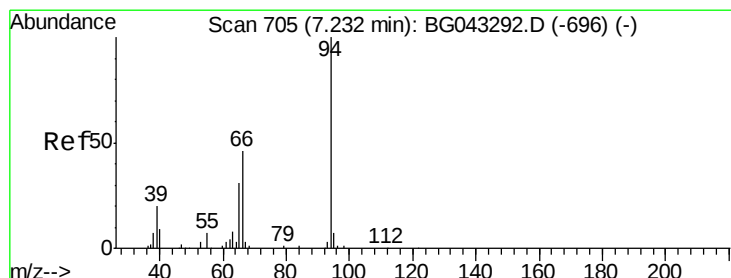
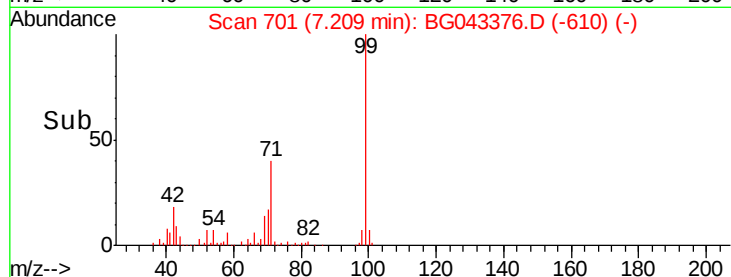
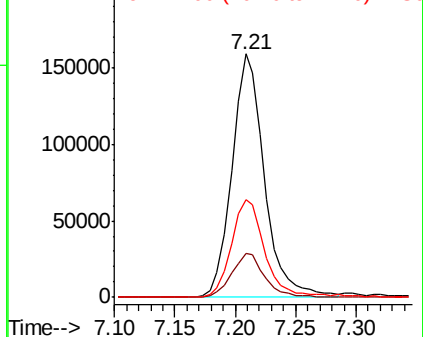
99 100

42 17.9 14.9 22.3

71 39.9 32.2 48.2



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



#10

Phenol

Concen: 2.512 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

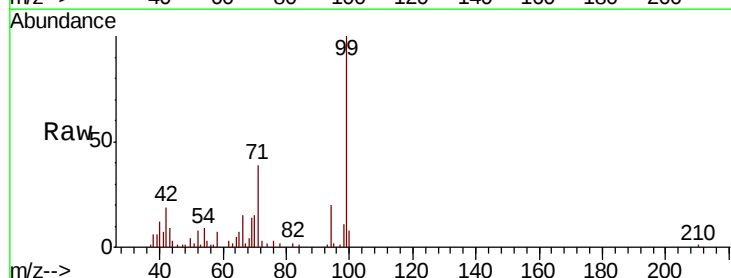
Tgt Ion: 94 Resp: 7332

Ion Ratio Lower Upper

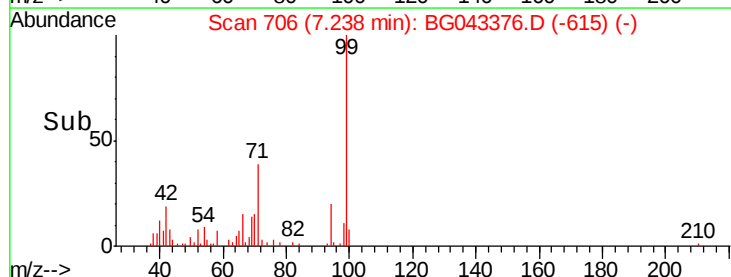
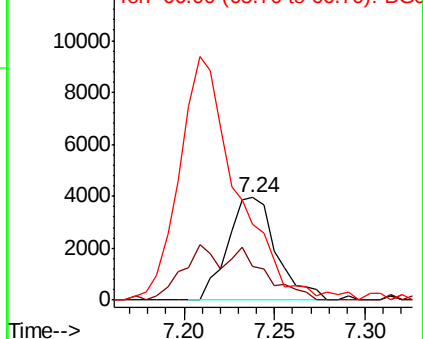
94 100

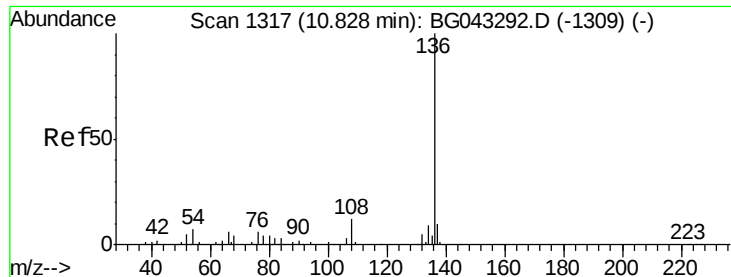
65 33.5 11.1 51.1

66 74.2 27.8 67.8#



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

Instrument :

BNA_G

ClientSampled :

N-1

Tot Ion:136 Resp: 152784

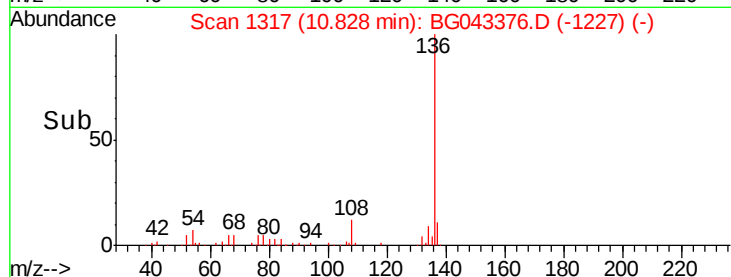
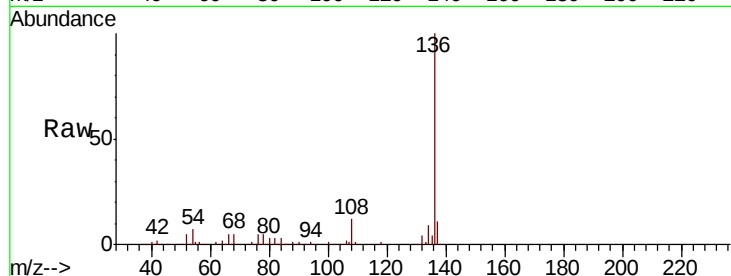
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.2

54 7.0 5.4 8.2

68 5.1 3.3 4.9#

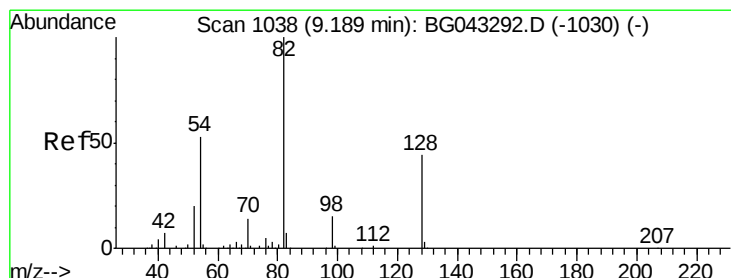
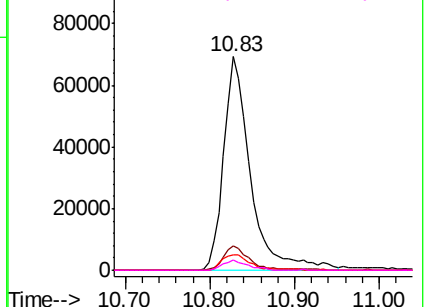


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.409 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

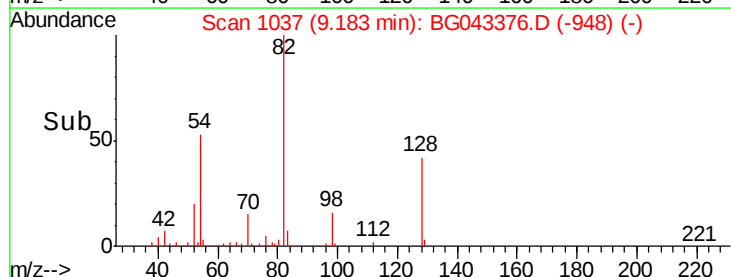
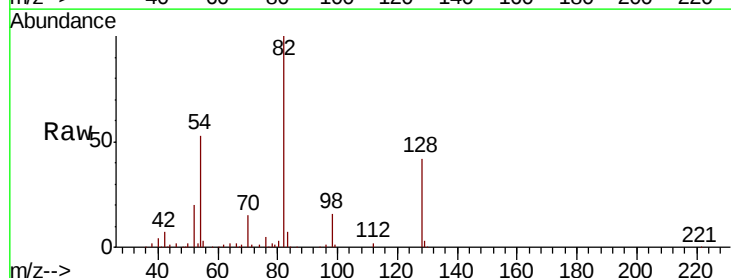
Tgt Ion: 82 Resp: 173097

Ion Ratio Lower Upper

82 100

128 42.0 35.3 52.9

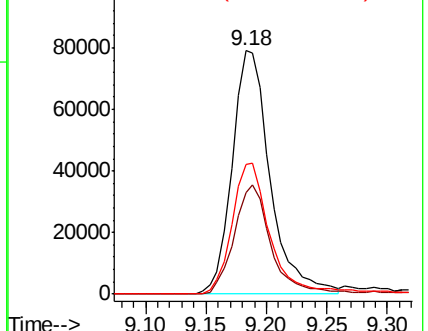
54 53.1 42.3 63.5

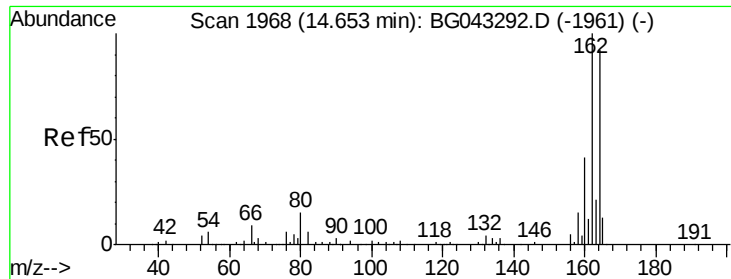


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

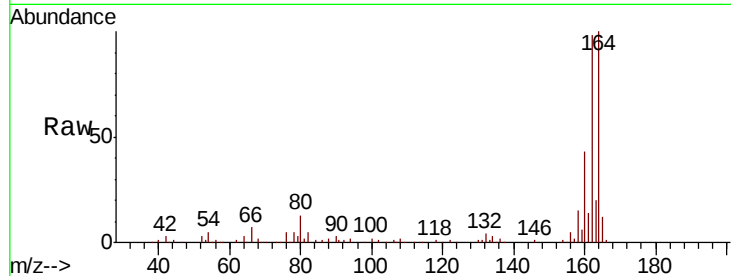




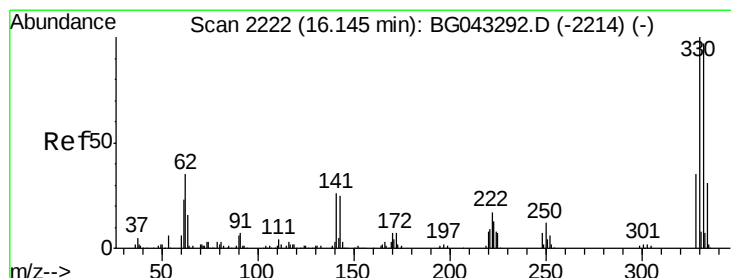
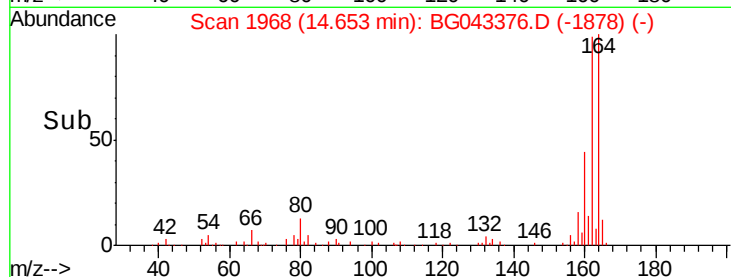
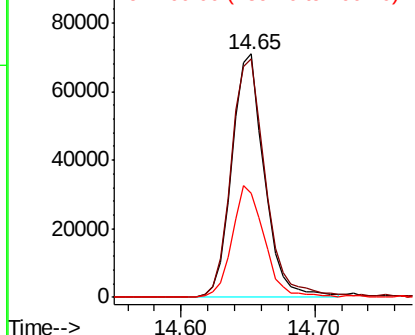
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043376.D
Acq: 29 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
N-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	87.0	130.4
160	42.9	35.5	53.3

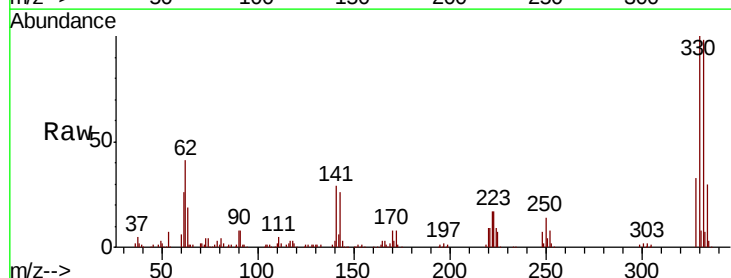


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

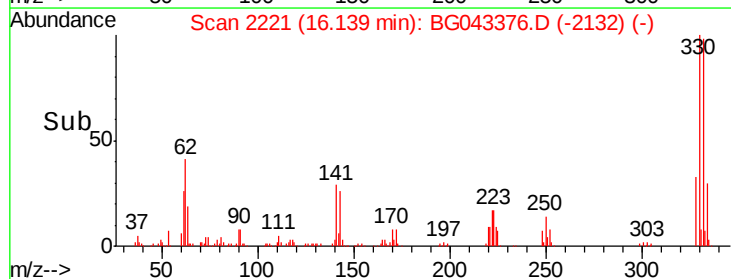
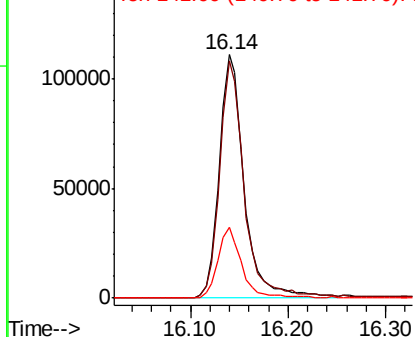


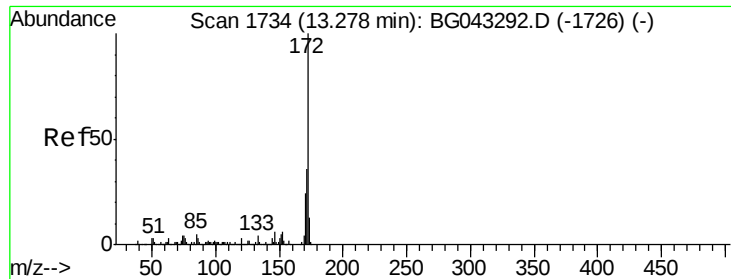
#42
2,4,6-Tribromophenol
Concen: 86.038 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043376.D
Acq: 29 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	27.9	21.4	32.0



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

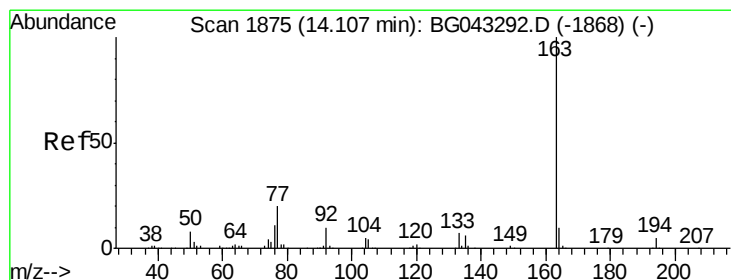
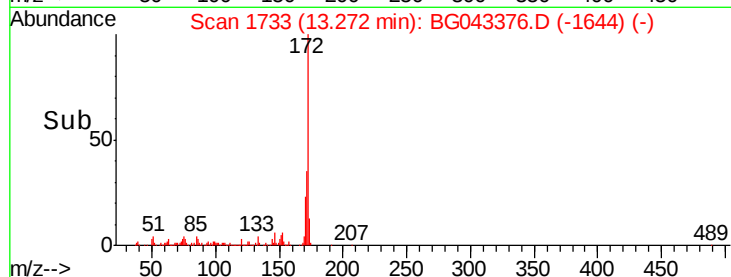
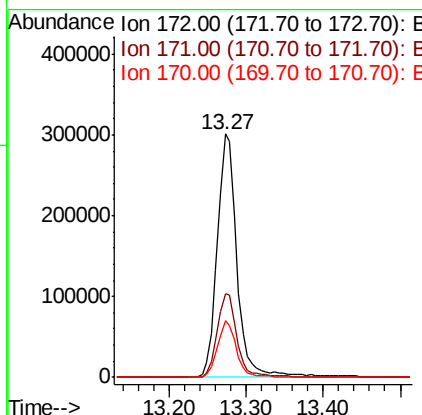
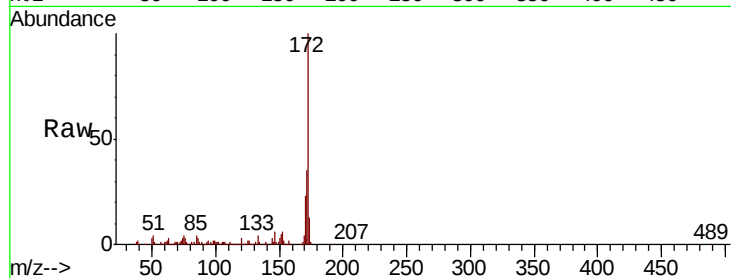




#45
2-Fluorobiphenyl
Concen: 61.121 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043376.D
Acq: 29 Oct 2019 16:23

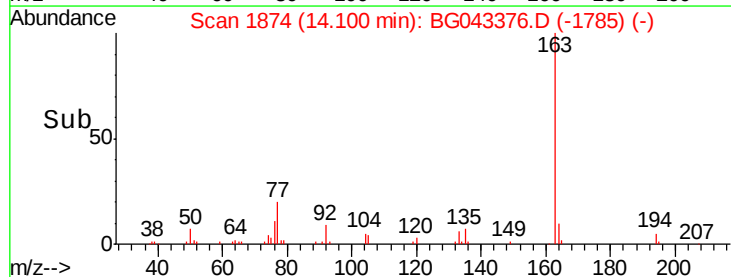
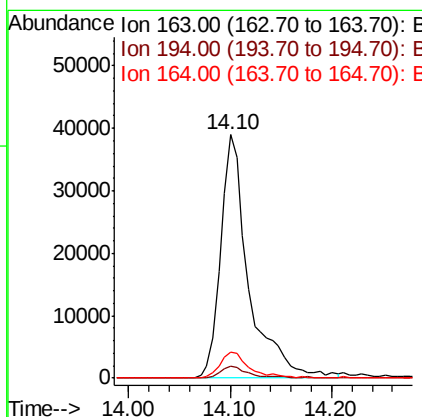
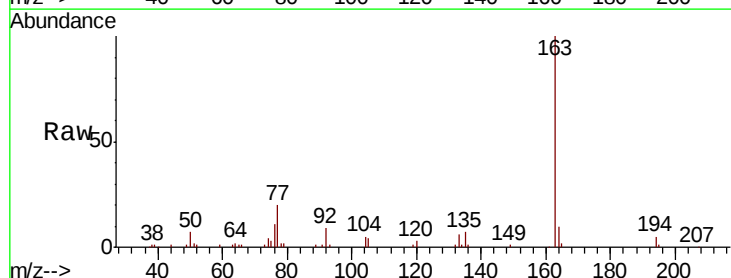
Instrument :
BNA_G
ClientSampleId :
N-1

Tot Ion:172 Resp: 531843
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.3 18.8 28.2



#50
Dimethylphthalate
Concen: 8.091 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043376.D
Acq: 29 Oct 2019 16:23

Tgt Ion:163 Resp: 75352
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 10.5 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

Instrument :

BNA_G

ClientSampleId :

N-1

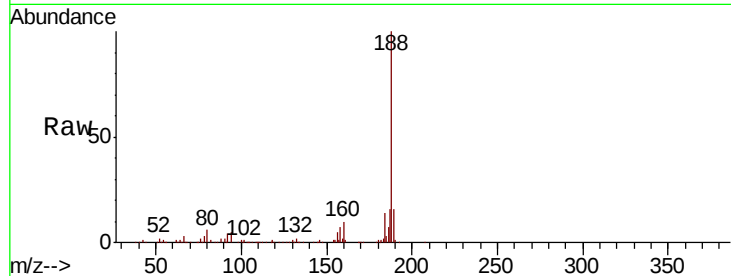
Tot Ion:188 Resp: 281028

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

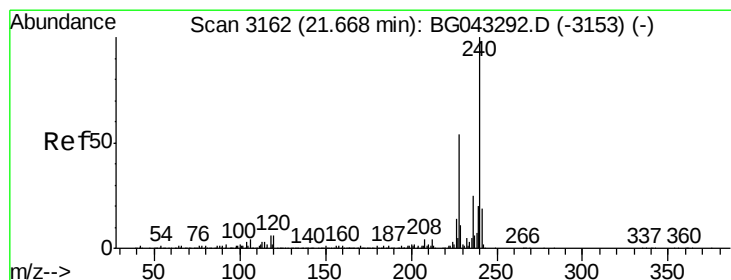
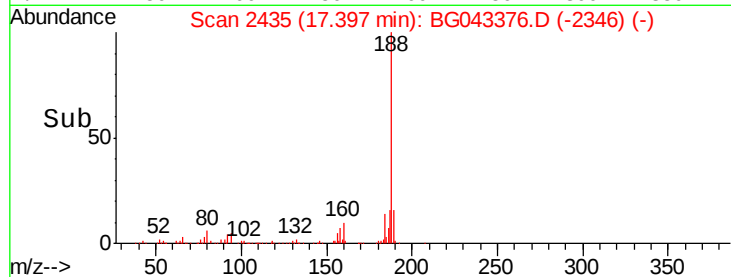
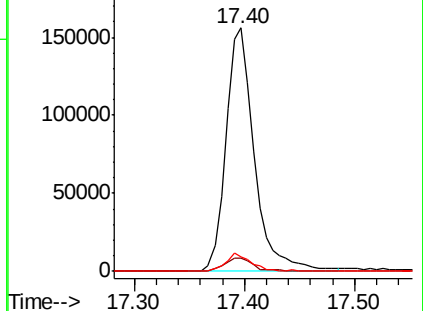
80 6.0 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

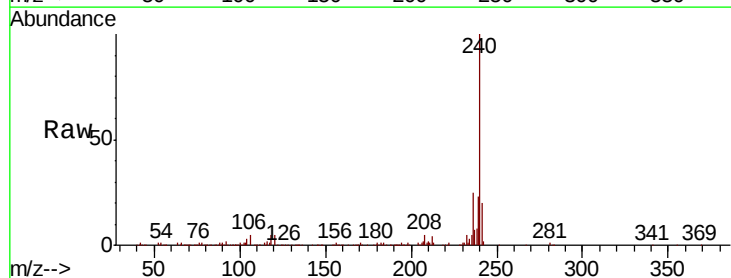
Tgt Ion:240 Resp: 300630

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

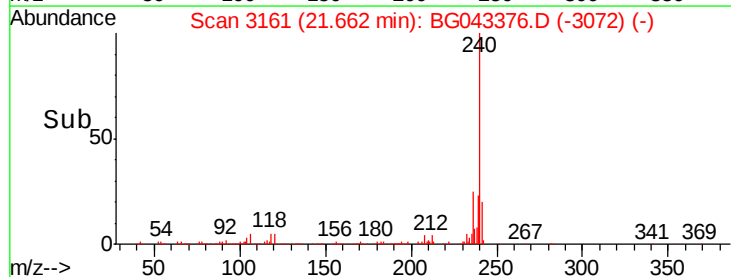
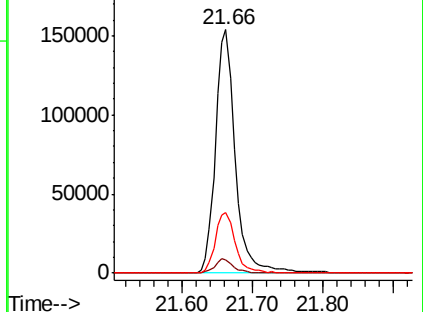
236 24.6 20.2 30.4

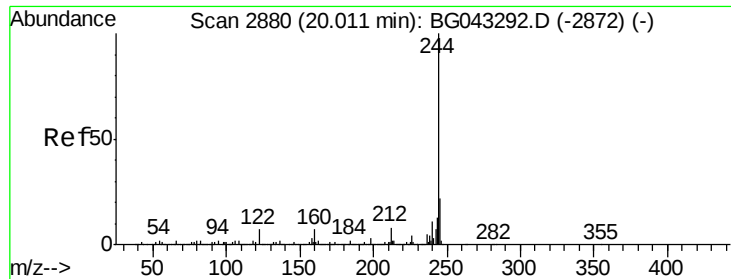


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.798 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

Instrument :

BNA_G

ClientSampleId :

N-1

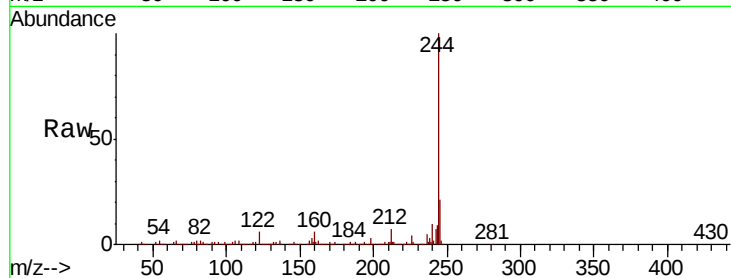
Tot Ion:244 Resp: 1022340

Ion Ratio Lower Upper

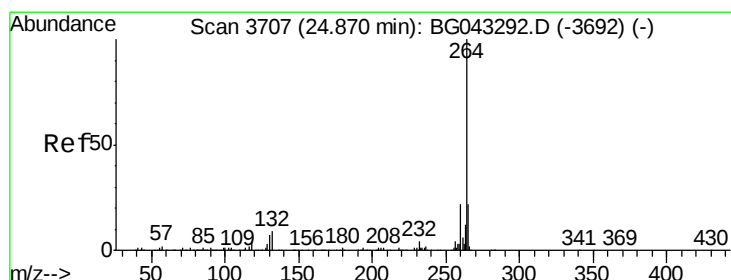
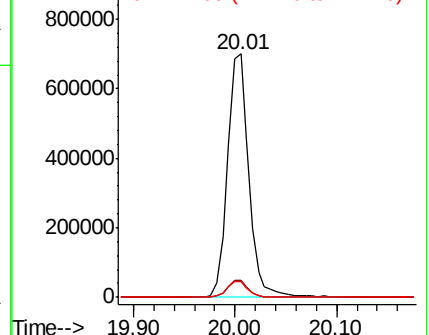
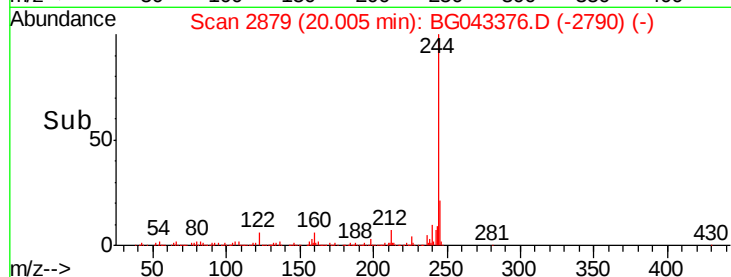
244 100

212 6.8 6.4 9.6

122 6.5 5.3 7.9



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043376.D

Acq: 29 Oct 2019 16:23

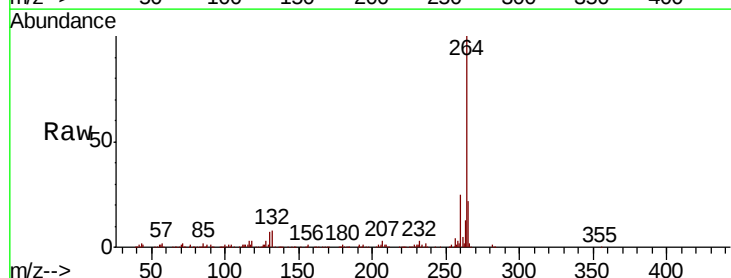
Tgt Ion:264 Resp: 352975

Ion Ratio Lower Upper

264 100

260 24.5 17.9 26.9

265 22.5 17.4 26.2



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

