

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043574.D
 Acq On : 8 Nov 2019 18:02
 Operator : JU
 Sample : K5742-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-(4-6)

Quant Time: Nov 11 03:19:44 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

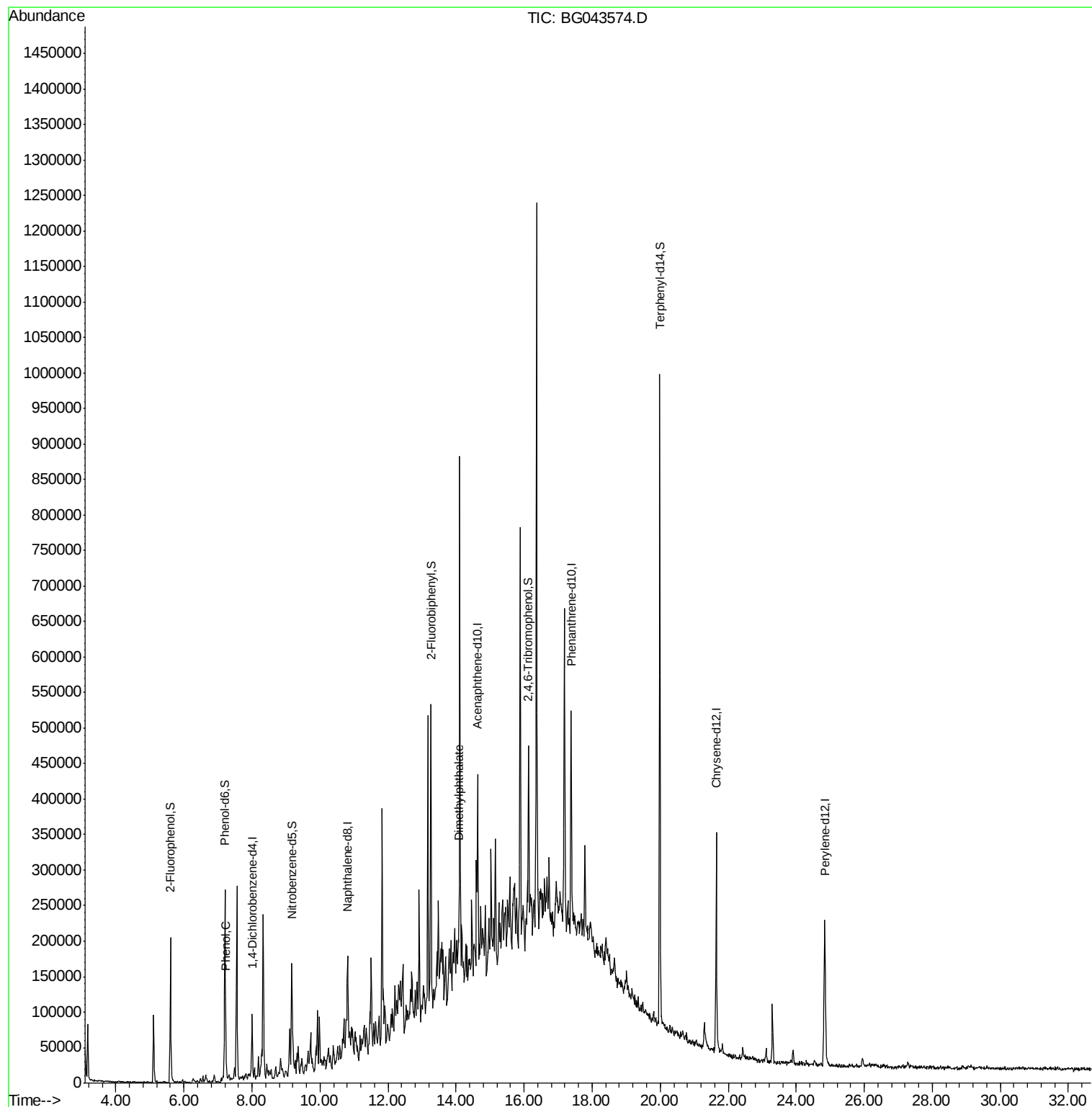
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28412	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107224	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	79316	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	191511	20.00	ng	0.00
76) Chrysene-d12	21.65	240	204902	20.00	ng	0.00
87) Perylene-d12	24.84	264	236244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	100864	65.05	ng	0.01
7) Phenol-d6	7.21	99	178028	79.80	ng	0.01
23) Nitrobenzene-d5	9.17	82	105134	50.55	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	63607	42.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	253546	44.17	ng	0.00
79) Terphenyl-d14	19.99	244	512034	46.88	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11205	5.497	ng	Qvalue 81
50) Dimethylphthalate	14.09	163	28603	4.656	ng	# 97

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

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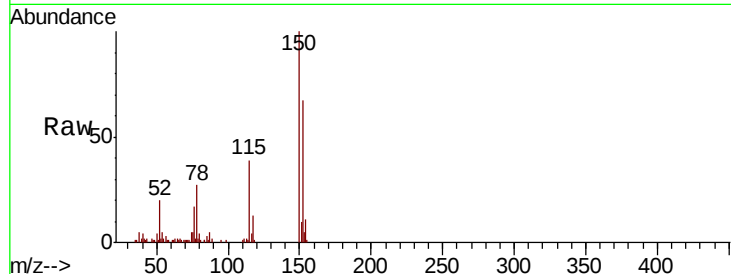


#1

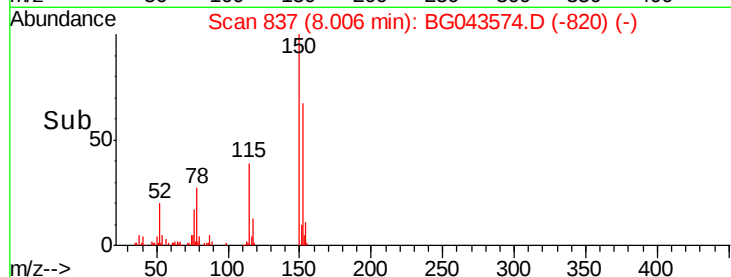
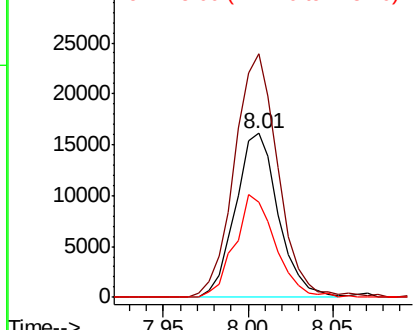
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Tot Ion:152 Resp: 28412
Ion Ratio Lower Upper
152 100
150 148.4 129.4 194.0
115 57.8 48.8 73.2



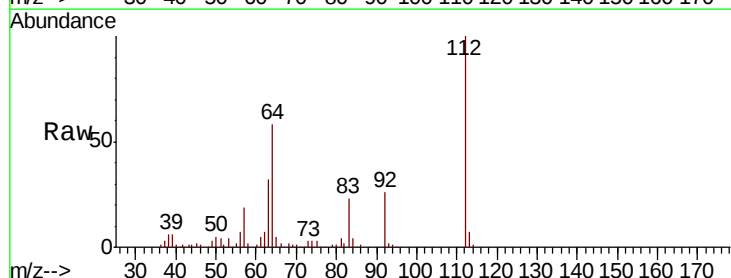
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



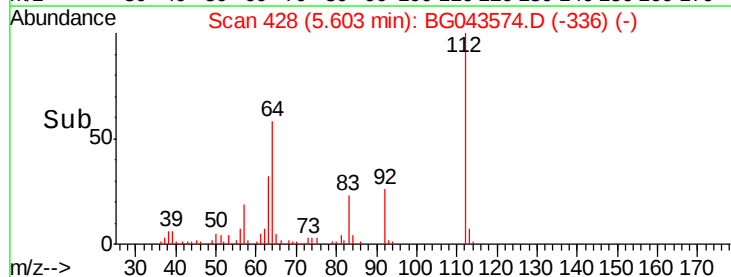
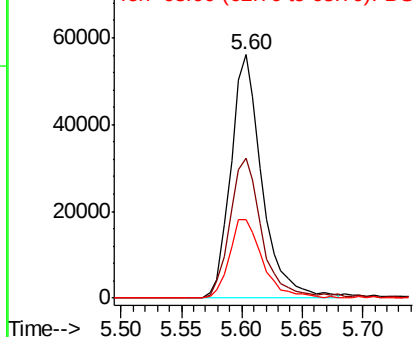
#5

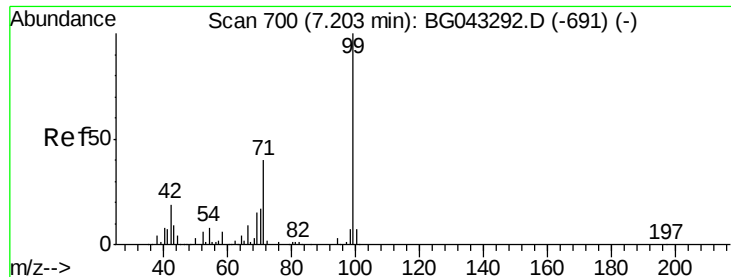
2-Fluorophenol
Concen: 65.053 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion:112 Resp: 100864
Ion Ratio Lower Upper
112 100
64 57.6 50.0 75.0
63 32.1 26.6 40.0



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: 79.805 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

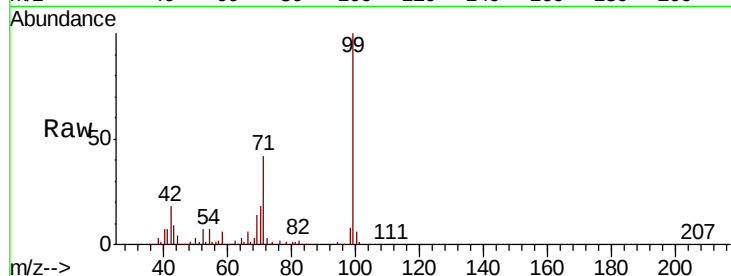
Tot Ion: 99 Resp: 178028

Ion Ratio Lower Upper

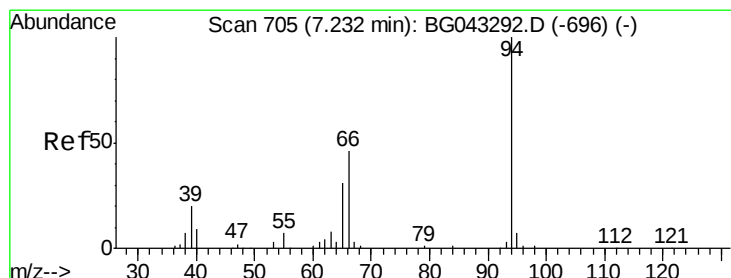
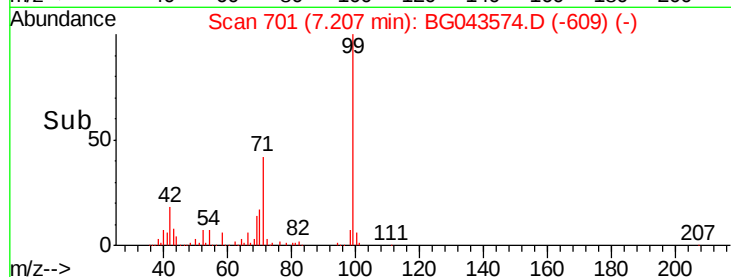
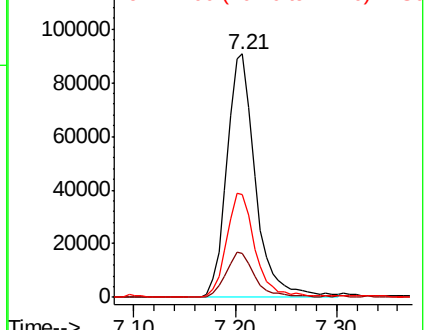
99 100

42 18.0 14.6 21.8

71 42.4 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: 5.497 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

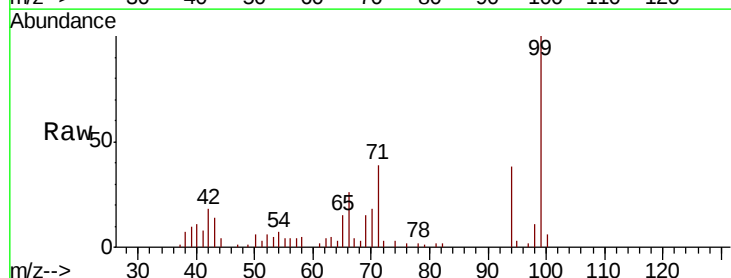
Tgt Ion: 94 Resp: 11205

Ion Ratio Lower Upper

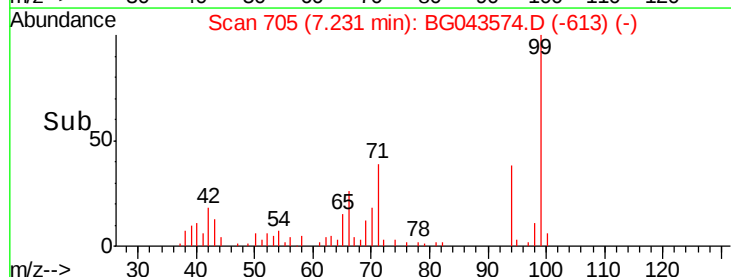
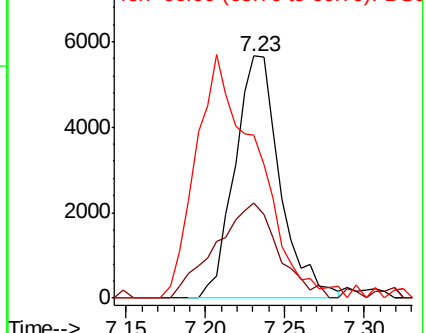
94 100

65 39.1 12.6 52.6

66 67.2 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

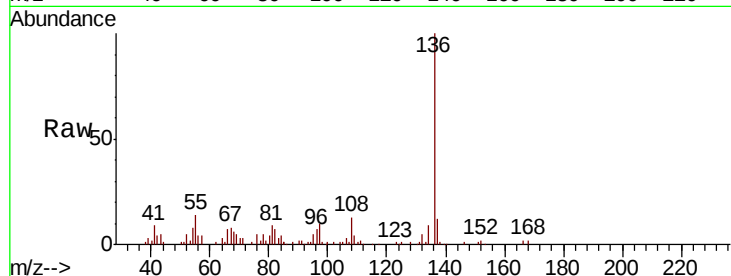




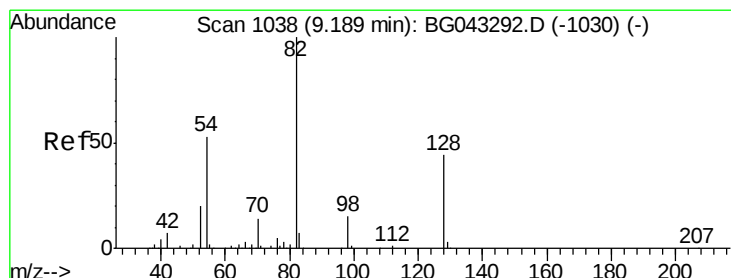
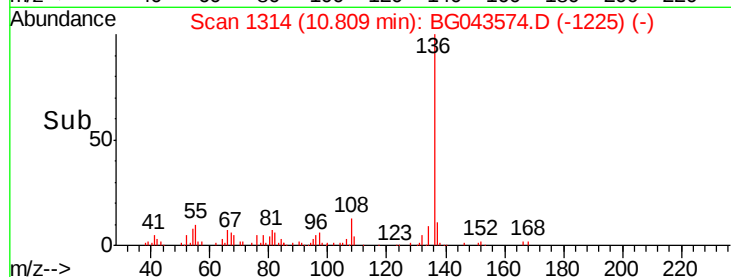
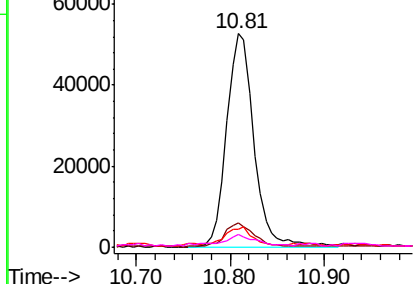
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Tot Ion:136	Resp:	107224
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.7 13.1
54	8.2	5.4 8.2#
68	5.8	3.0 4.4#

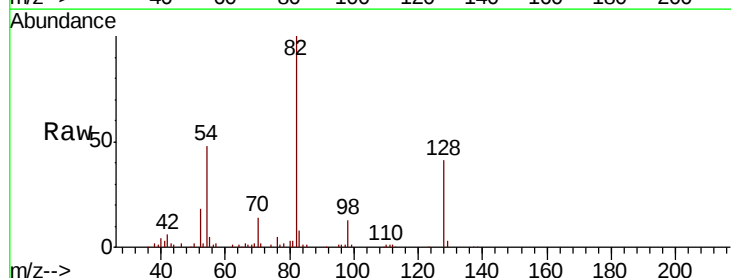


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

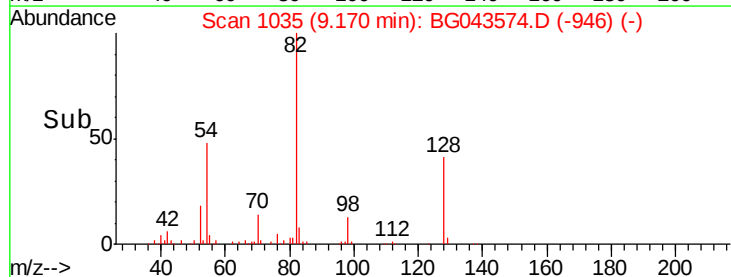
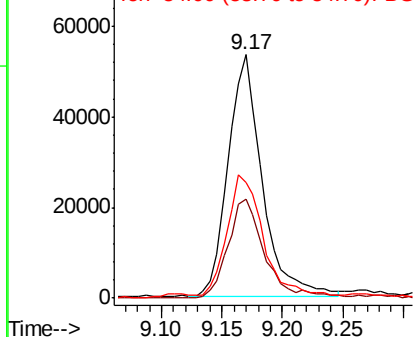


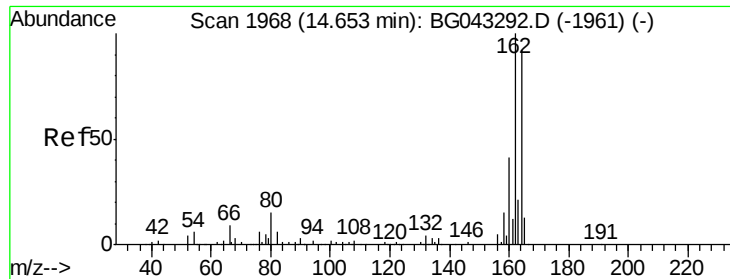
#23
Nitrobenzene-d5
Concen: 50.550 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion: 82	Resp:	105134
Ion Ratio	Lower	Upper
82	100	
128	40.9	35.0 52.6
54	47.7	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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

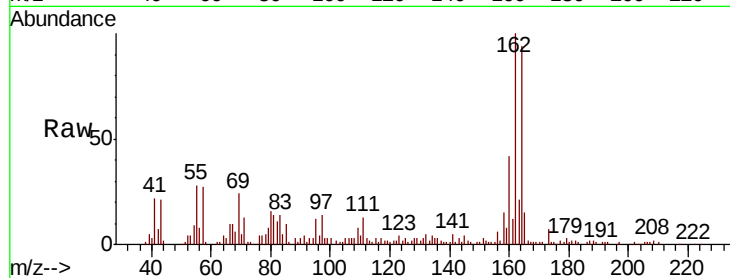
Tot Ion:164 Resp: 79316

Ion Ratio Lower Upper

164 100

162 106.4 83.5 125.3

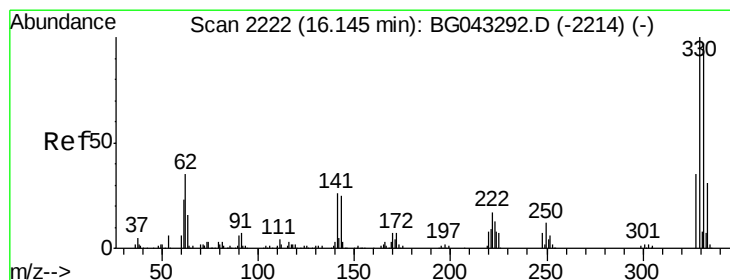
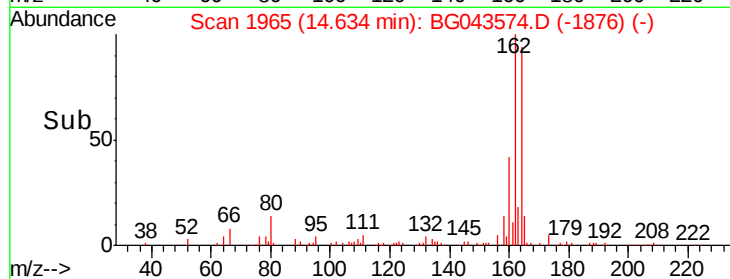
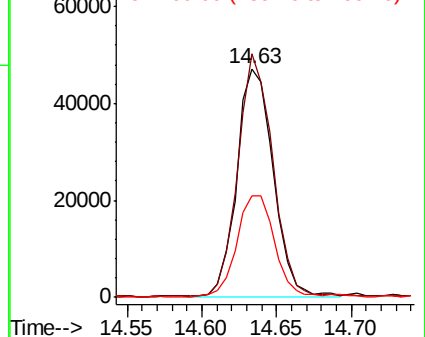
160 44.6 36.5 54.7



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: 42.141 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

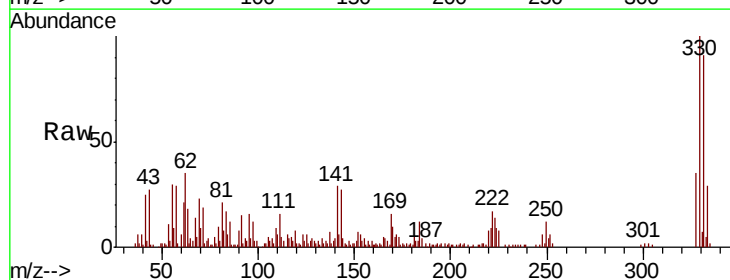
Tgt Ion:330 Resp: 63607

Ion Ratio Lower Upper

330 100

332 94.1 77.4 116.0

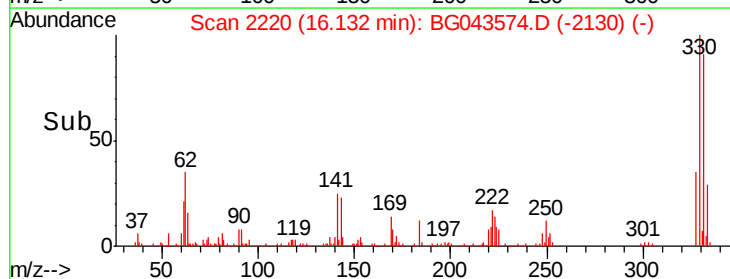
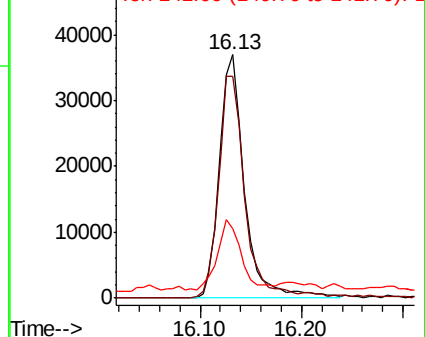
141 27.3 22.8 34.2

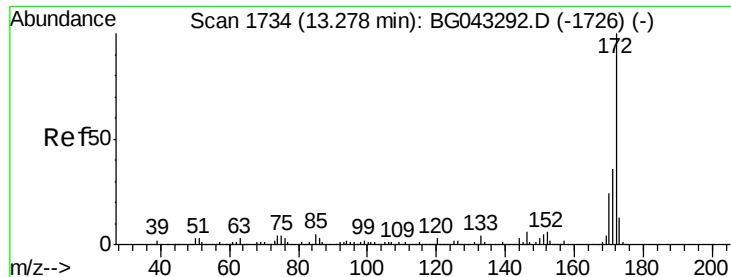


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

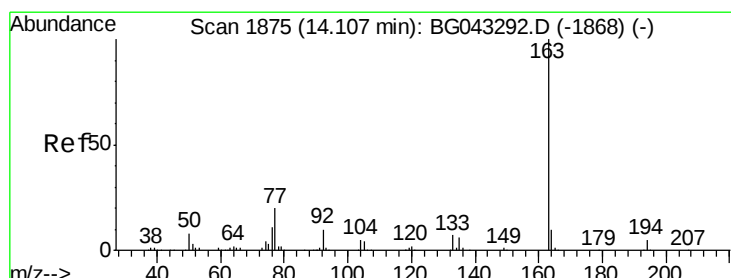
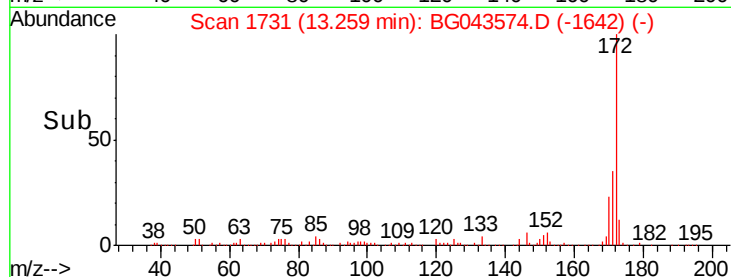
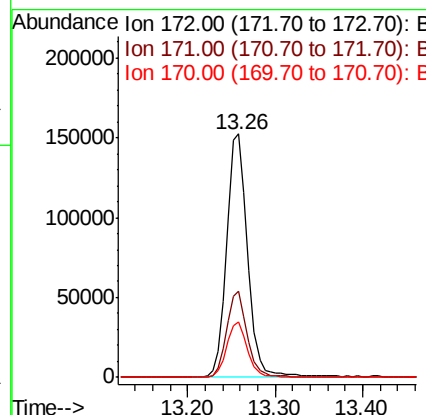
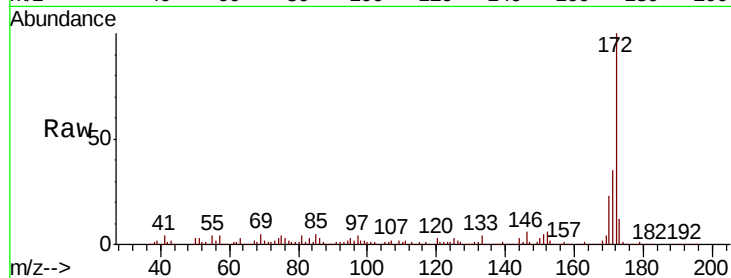




#45
2-Fluorobiphenyl
Concen: 44.172 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

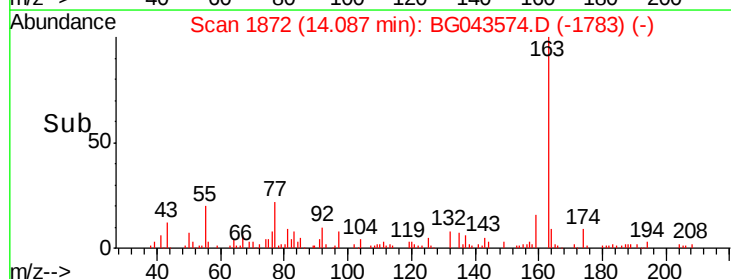
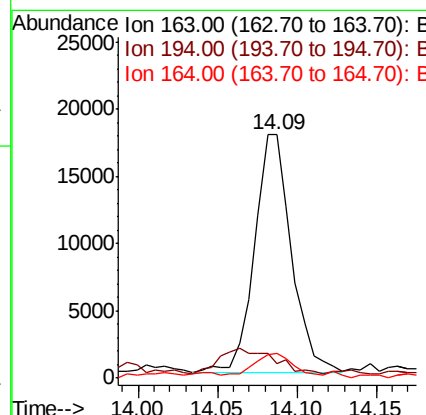
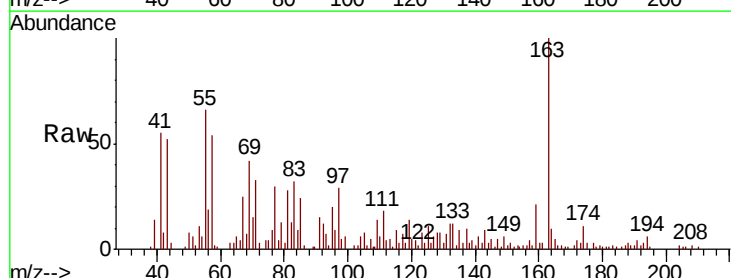
Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Tot Ion:172 Resp: 253546
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 22.6 18.5 27.7



#50
Dimethylphthalate
Concen: 4.656 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion:163 Resp: 28603
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.6#
164 10.1 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

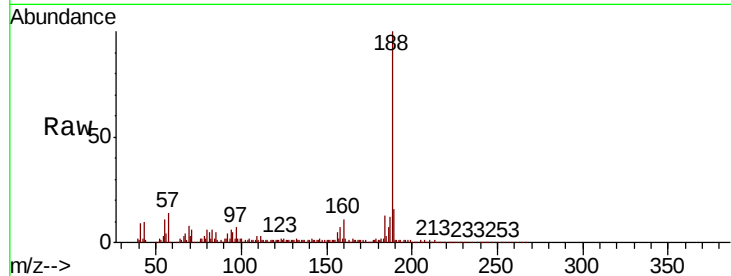
Tot Ion:188 Resp: 191511

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

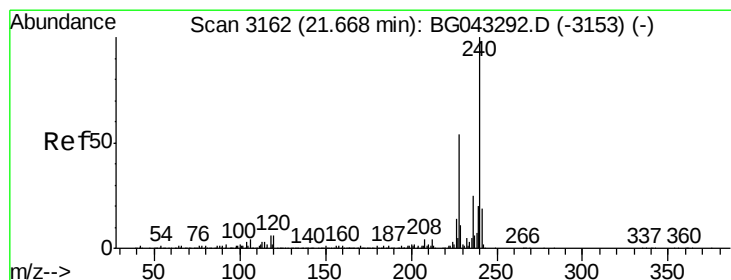
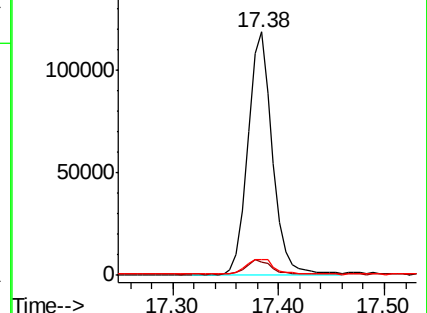
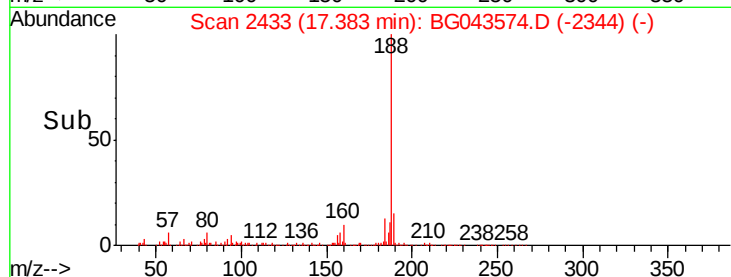
80 6.3 4.5 6.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

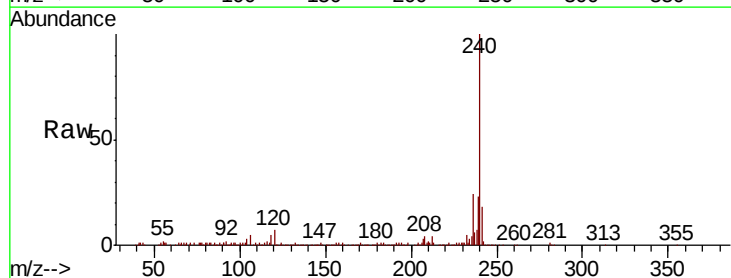
Tgt Ion:240 Resp: 204902

Ion Ratio Lower Upper

240 100

120 6.6 4.6 6.8

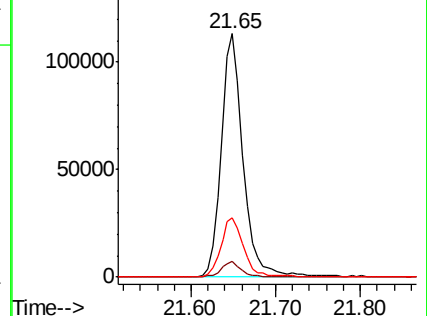
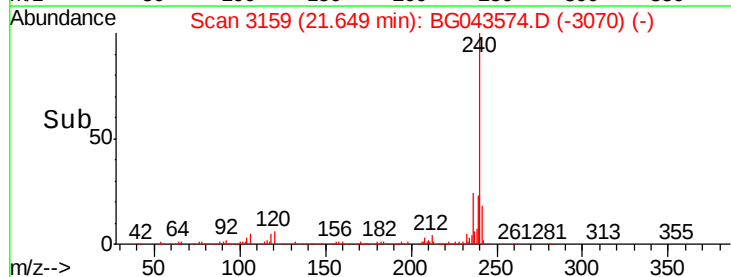
236 24.3 19.8 29.8

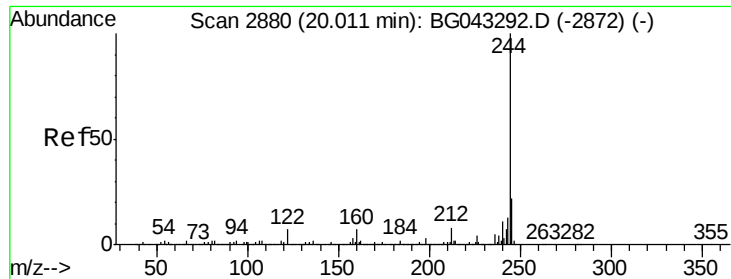


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 46.881 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

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SB-10-(4-6)

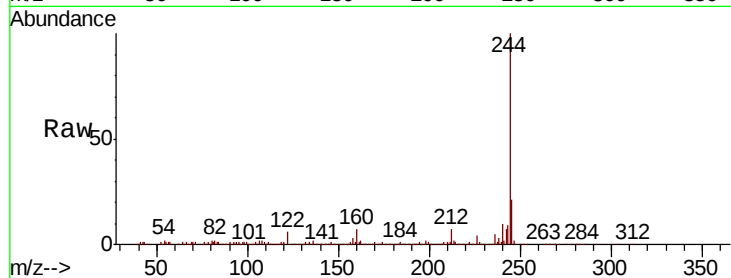
Tot Ion:244 Resp: 512034

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

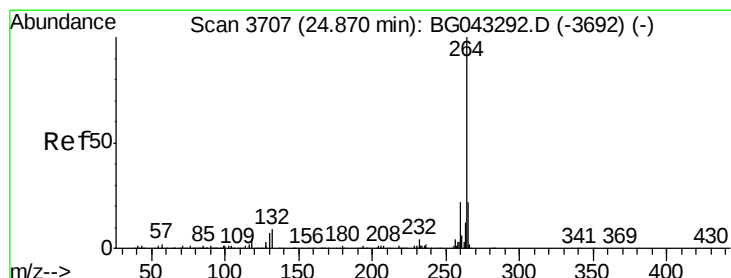
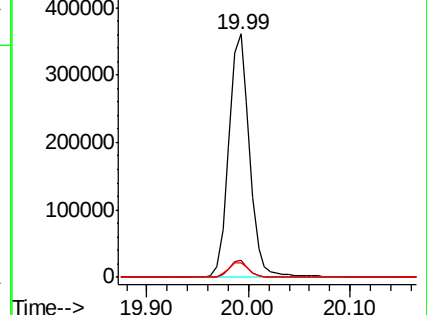
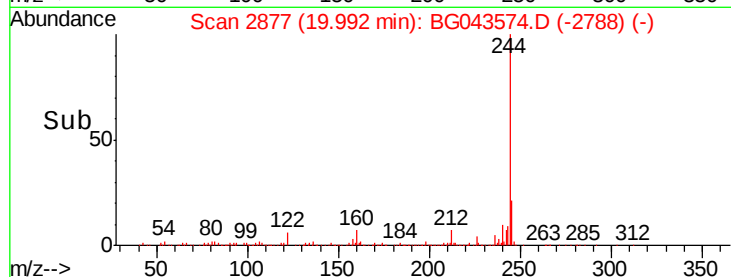
122 6.0 5.4 8.2



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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

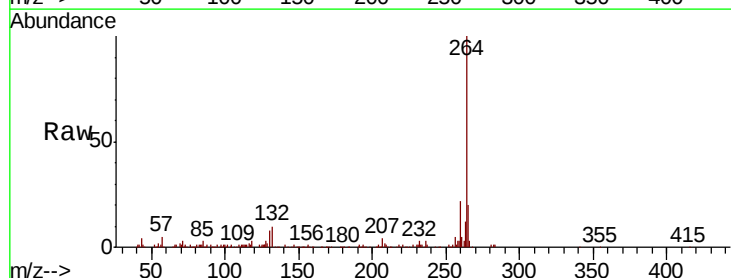
Tgt Ion:264 Resp: 236244

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 19.7 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

