

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043381.D
 Acq On : 29 Oct 2019 19:36
 Operator : JU
 Sample : K5540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 154-82-(0-2)

Quant Time: Oct 30 08:26:00 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

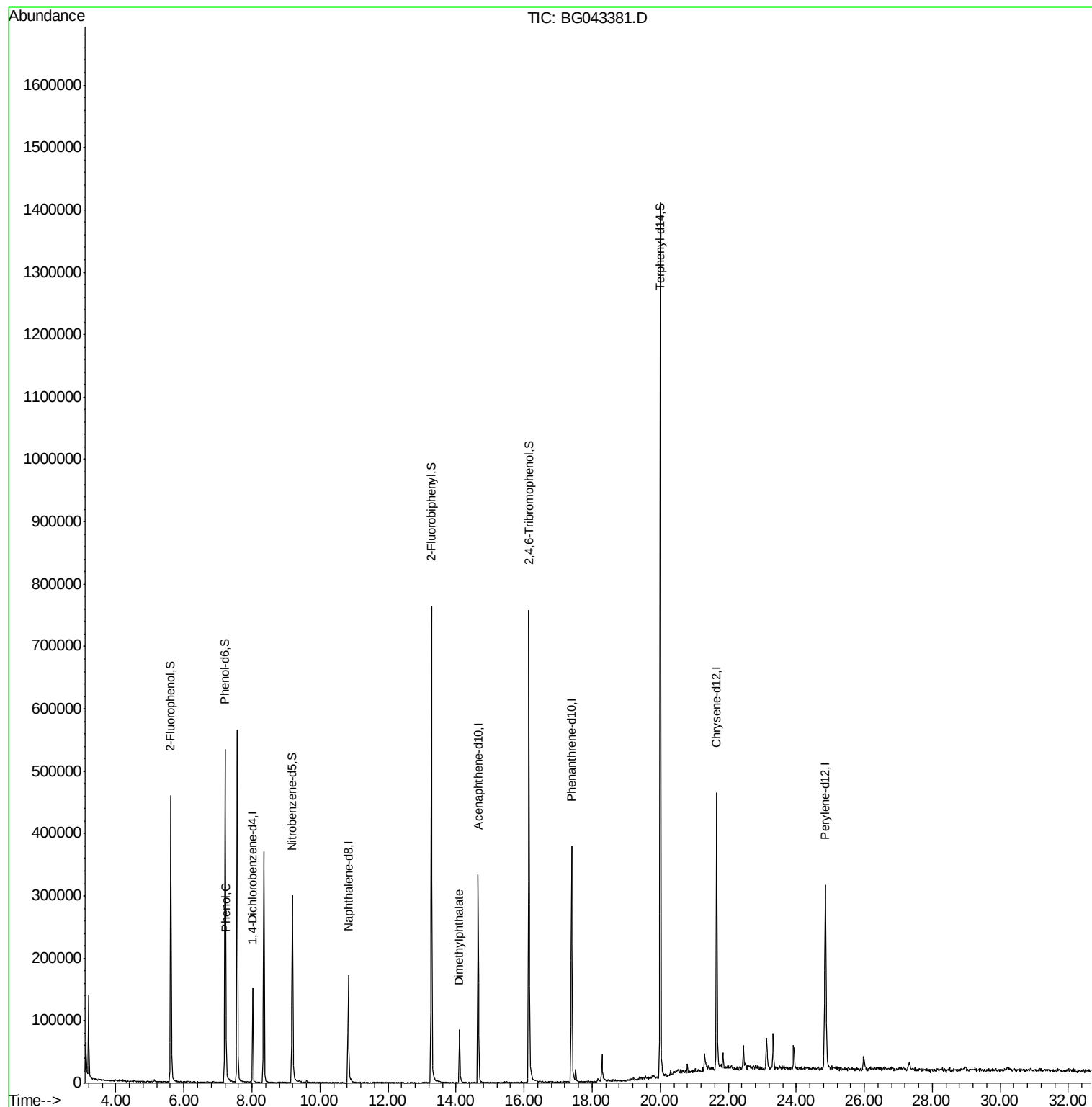
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44674	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	173527	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	124088	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	280689	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297733	20.00	ng	0.00
87) Perylene-d12	24.85	264	354775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	225740	92.59	ng	0.00
7) Phenol-d6	7.21	99	339755	96.86	ng	0.00
23) Nitrobenzene-d5	9.19	82	212493	63.13	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	198572	84.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	480818	53.54	ng	0.00
79) Terphenyl-d14	20.00	244	772217	48.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16361	5.104	ng	90
50) Dimethylphthalate	14.10	163	69736	7.255	ng	97

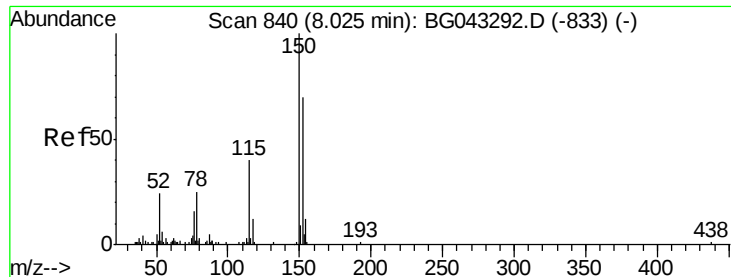
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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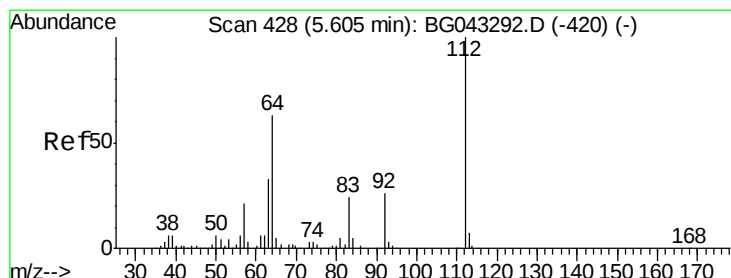
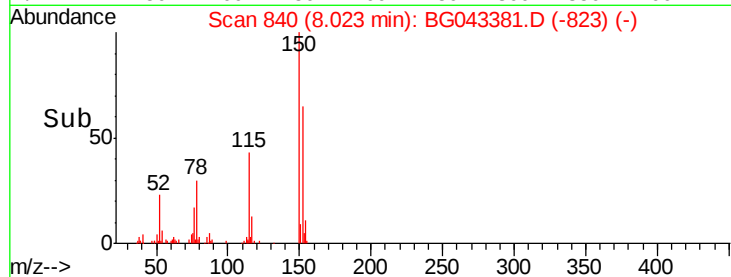
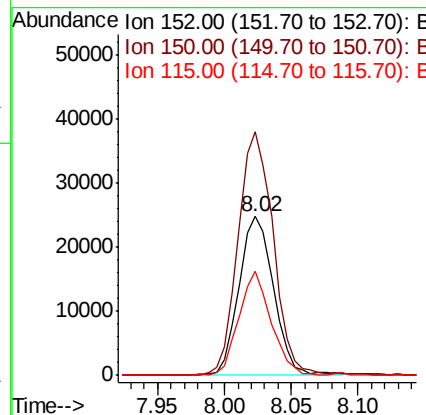
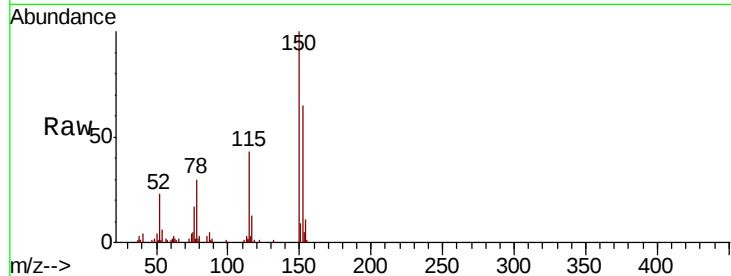


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Instrument :
BNA_G
ClientSampleId :
154-82-(0-2)

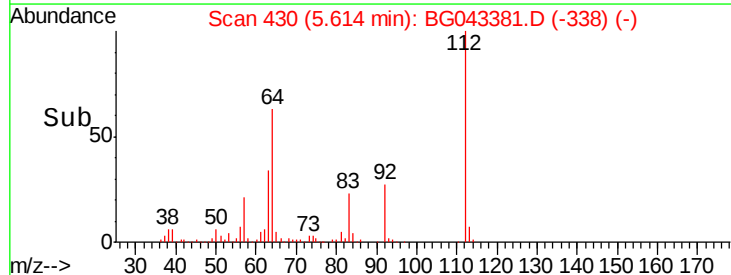
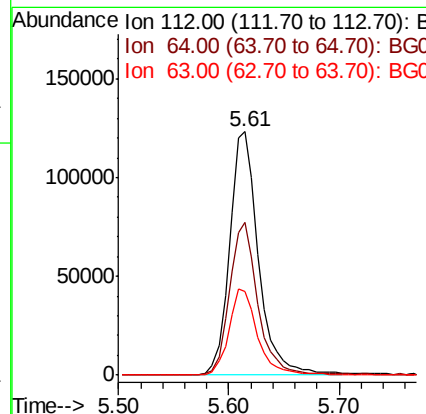
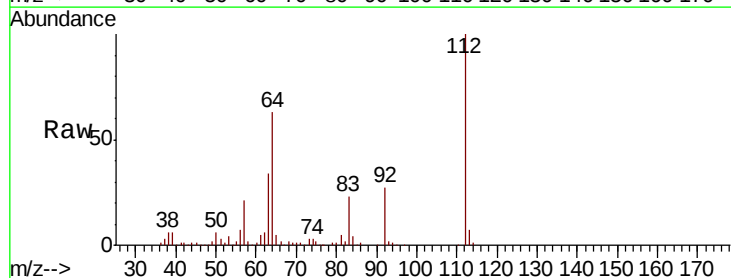
Tot Ion:152 Resp: 44674
Ion Ratio Lower Upper
152 100
150 153.2 113.6 170.4
115 65.8 45.9 68.9

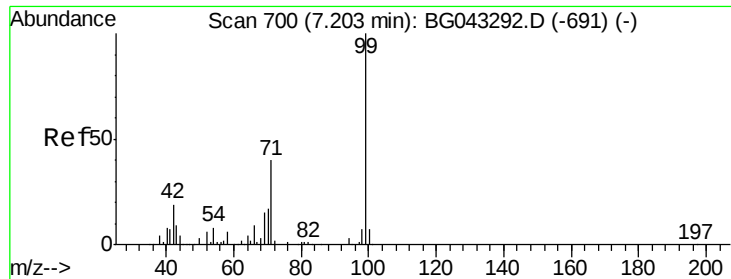


#5

2-Fluorophenol
Concen: 92.594 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Tgt Ion:112 Resp: 225740
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.2
63 34.2 26.7 40.1





#7

Phenol-d6

Concen: 96.862 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

154-82-(0-2)

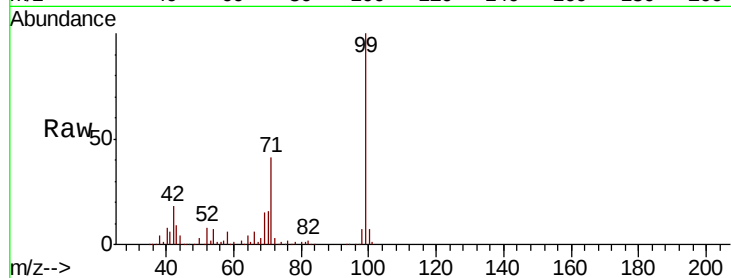
Tot Ion: 99 Resp: 339755

Ion Ratio Lower Upper

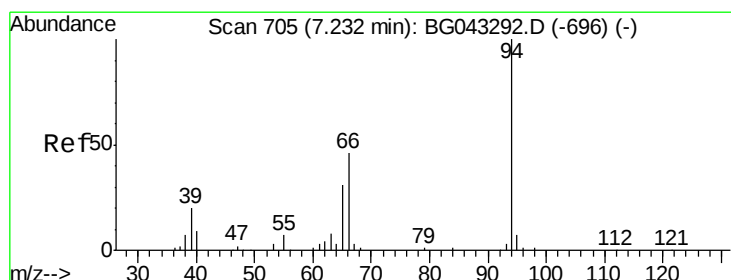
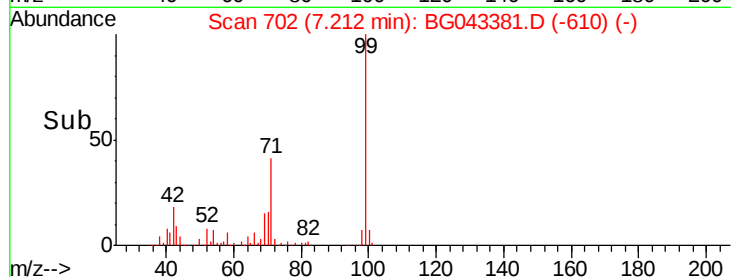
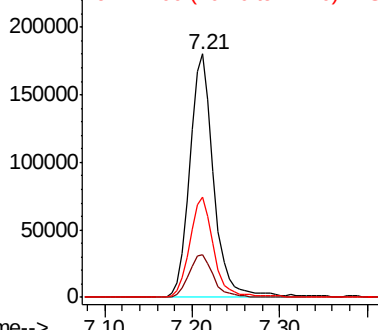
99 100

42 17.7 14.9 22.3

71 41.2 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: 5.104 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

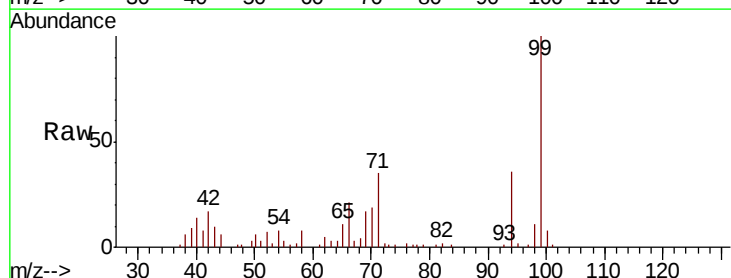
Tgt Ion: 94 Resp: 16361

Ion Ratio Lower Upper

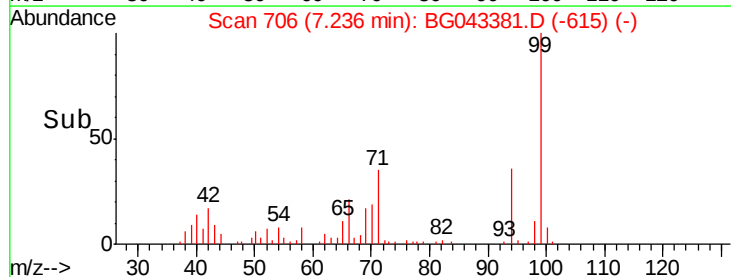
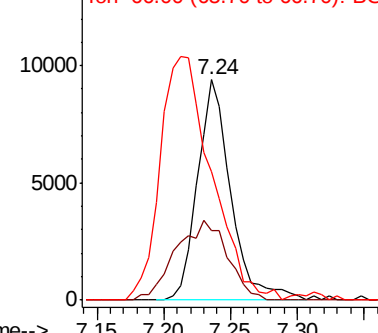
94 100

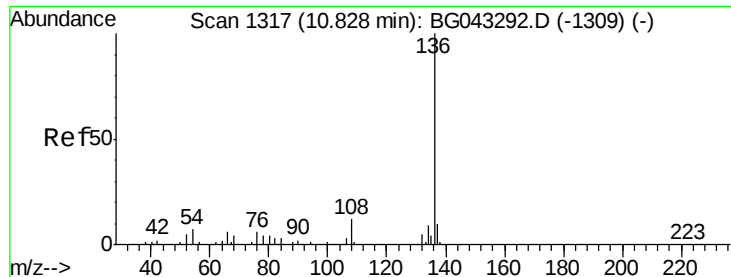
65 31.7 11.1 51.1

66 58.0 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# 1318

Delta R.T. 0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

154-82-(0-2)

Tot Ion:136 Resp: 173527

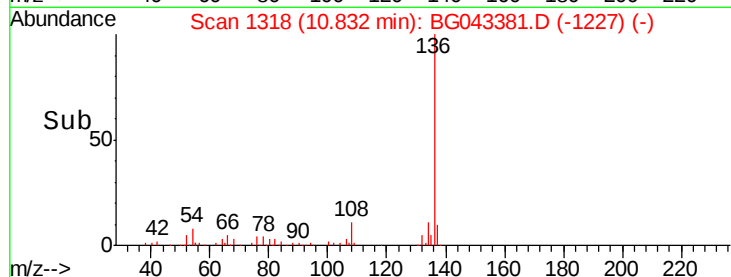
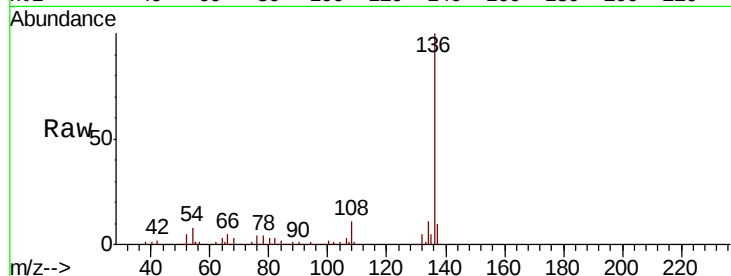
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.2

54 7.8 5.4 8.2

68 3.2 3.3 4.9#

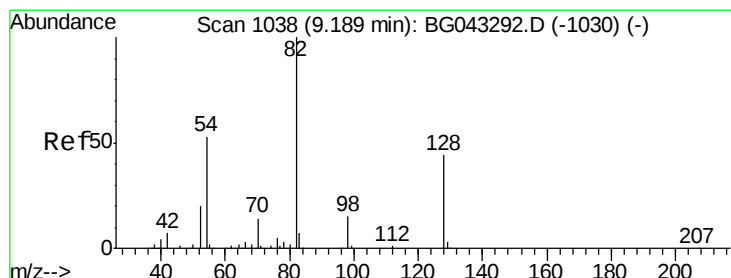
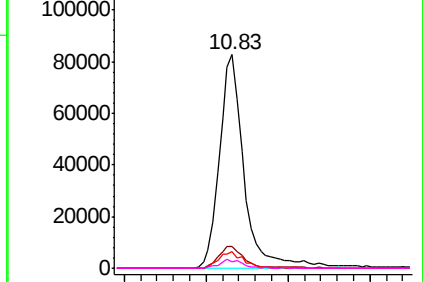


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.131 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

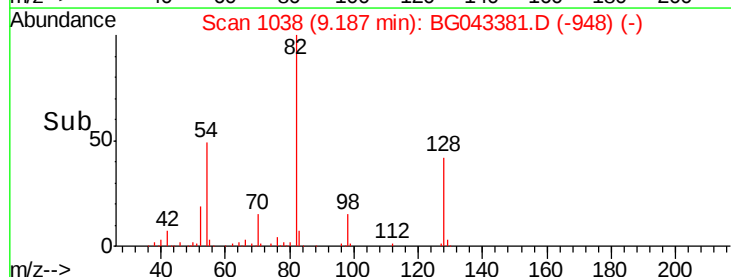
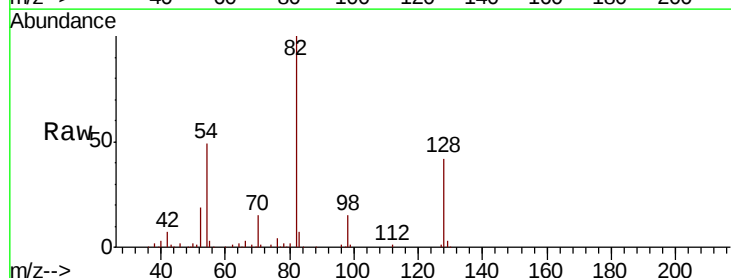
Tgt Ion: 82 Resp: 212493

Ion Ratio Lower Upper

82 100

128 42.3 35.3 52.9

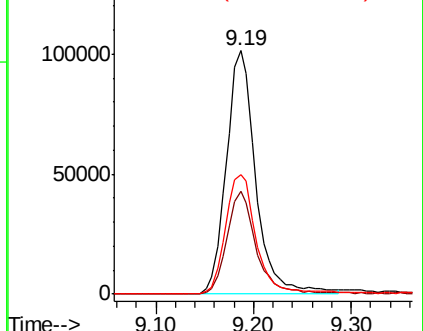
54 49.2 42.3 63.5

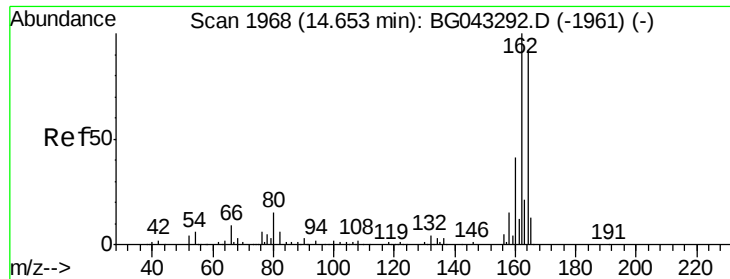


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

154-82-(0-2)

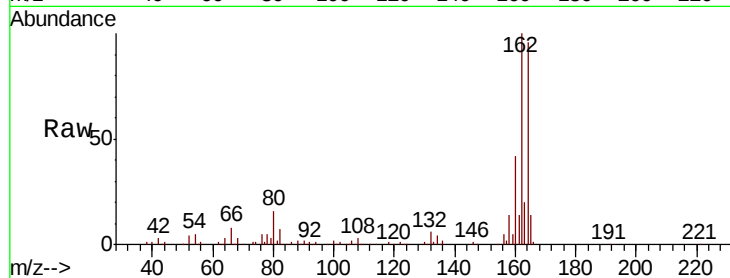
Tot Ion:164 Resp: 124088

Ion Ratio Lower Upper

164 100

162 103.8 87.0 130.4

160 43.3 35.5 53.3

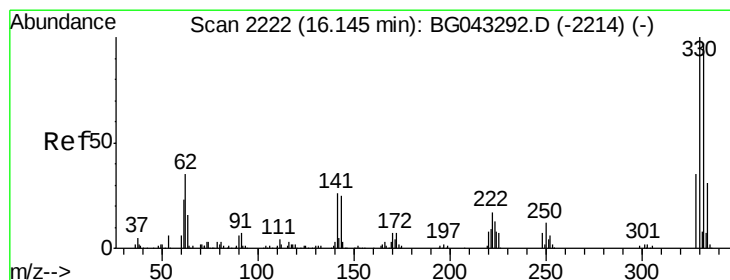
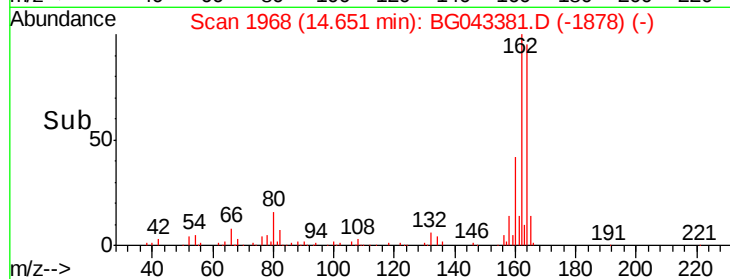
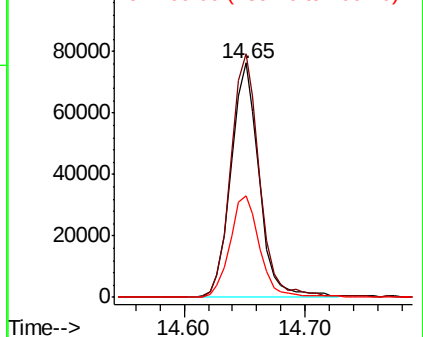


Abundance

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: 84.091 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

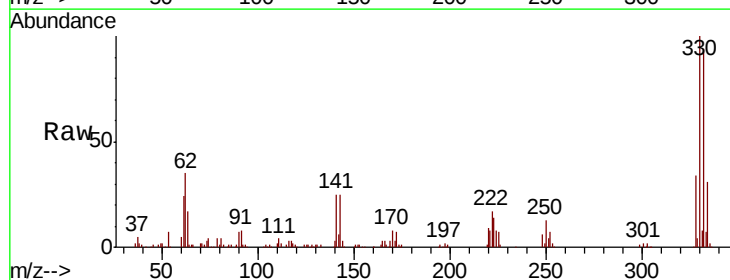
Tgt Ion:330 Resp: 198572

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 27.4 21.4 32.0

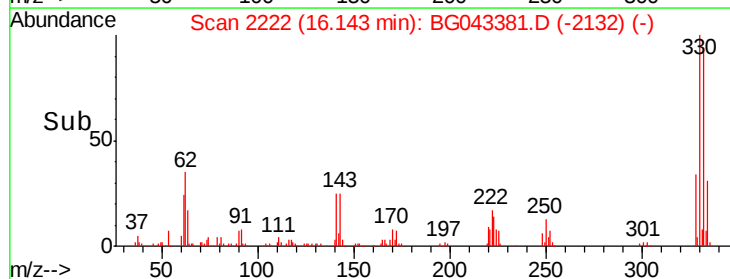
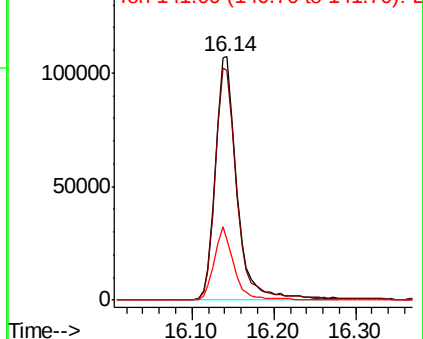


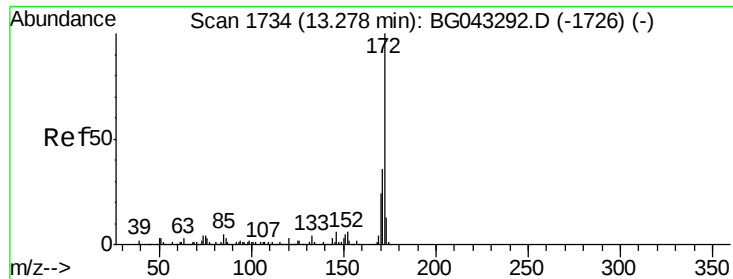
Abundance

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

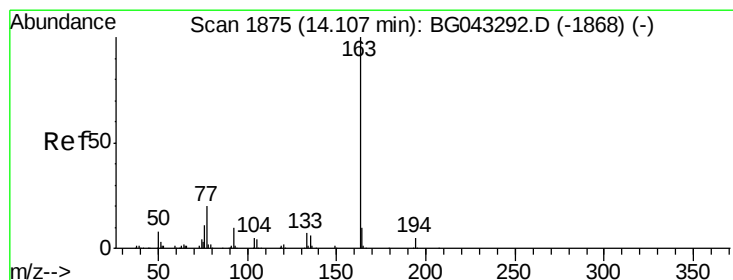
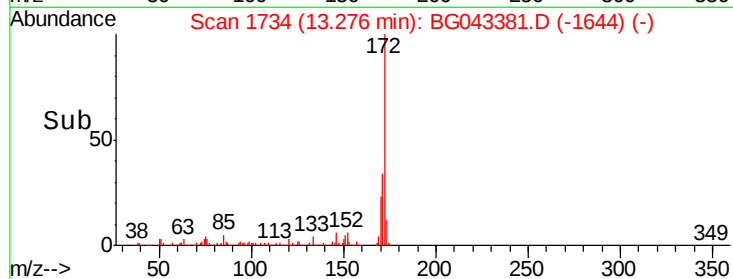
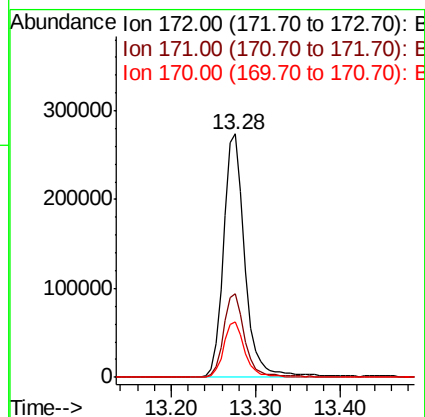
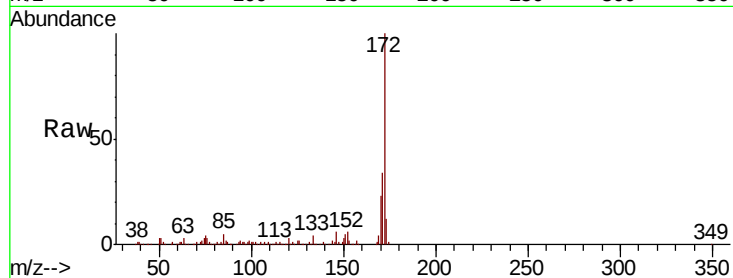




#45
2-Fluorobiphenyl
Concen: 53.542 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

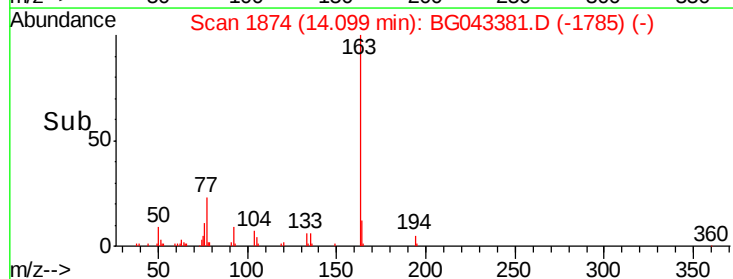
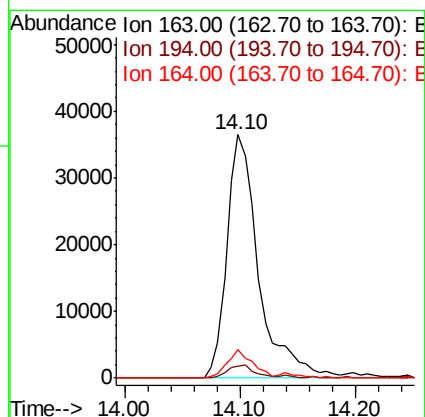
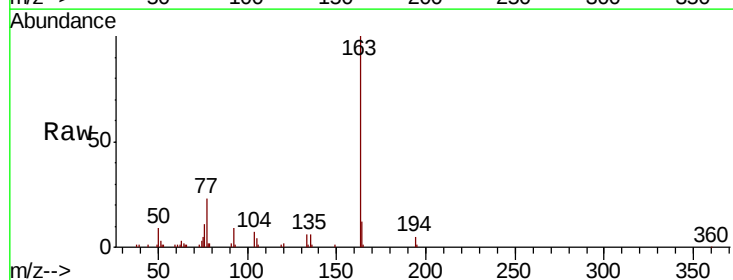
Instrument :
BNA_G
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154-82-(0-2)

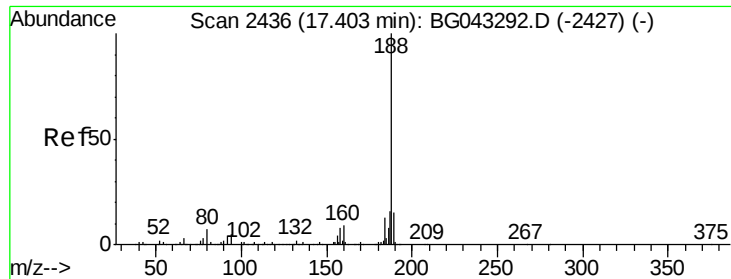
Tot Ion:172 Resp: 480818
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.5 18.8 28.2



#50
Dimethylphthalate
Concen: 7.255 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043381.D
Acq: 29 Oct 2019 19:36

Tgt Ion:163 Resp: 69736
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 11.6 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

Instrument :

BNA_G

ClientSampleId :

154-82-(0-2)

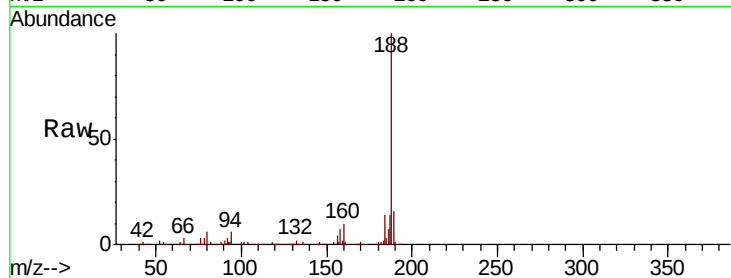
Tot Ion:188 Resp: 280689

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

80 6.2 5.2 7.8



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

200000

150000

100000

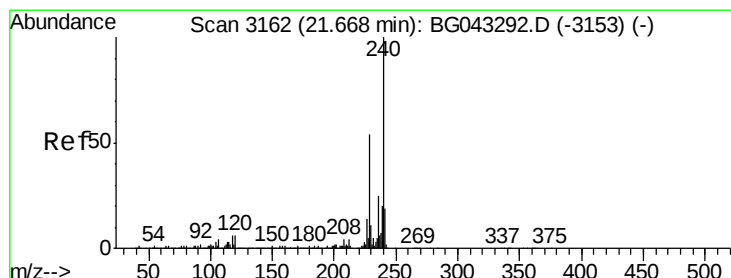
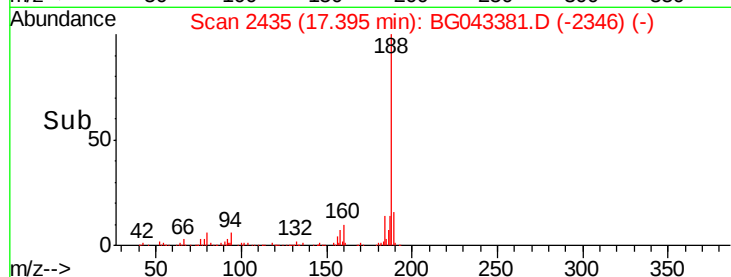
50000

0

17.39

17.30 17.40 17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043381.D

Acq: 29 Oct 2019 19:36

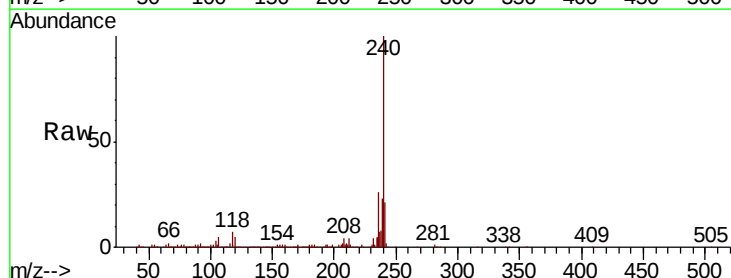
Tgt Ion:240 Resp: 297733

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

236 26.1 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

200000

150000

100000

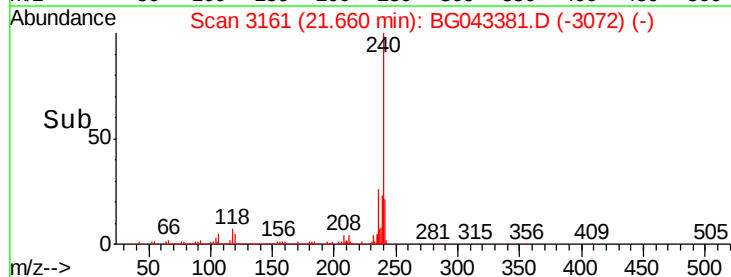
50000

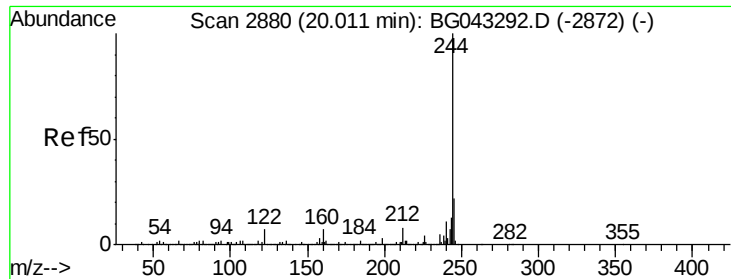
0

21.66

21.60 21.70 21.80

Time-->

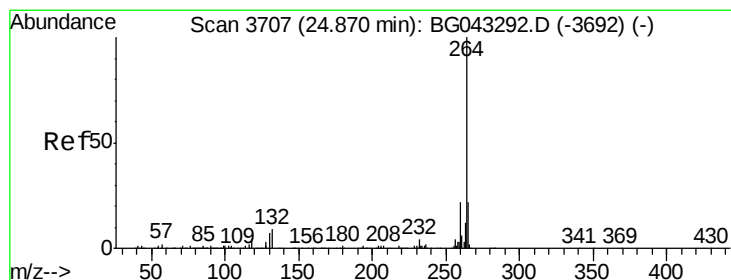
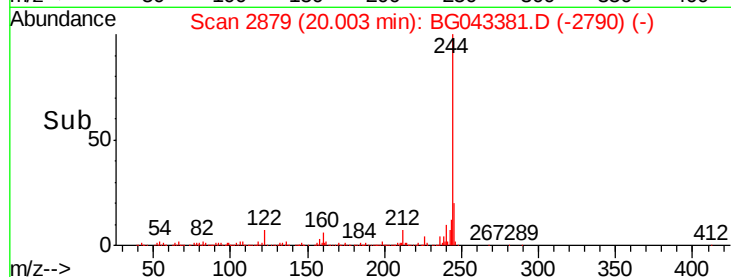
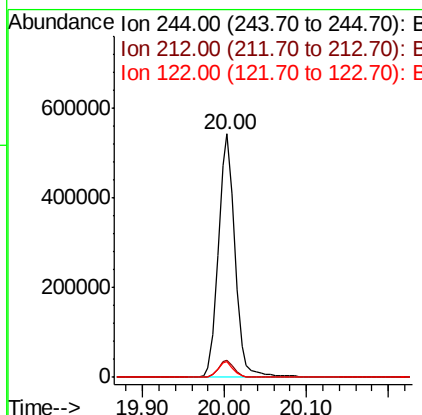
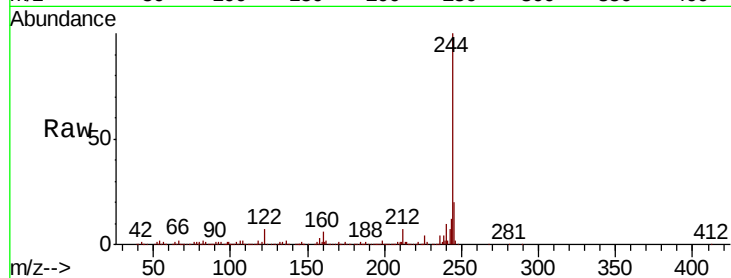




#79
 Terphenyl-d14
 Concen: 48.658 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043381.D
 Acq: 29 Oct 2019 19:36

Instrument :
 BNA_G
 ClientSampleId :
 154-82-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.6	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043381.D
 Acq: 29 Oct 2019 19:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	22.0	17.4	26.2

