

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042715.D
 Acq On : 4 Sep 2019 19:54
 Operator : HP/JU
 Sample : K4639-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-01

Quant Time: Sep 05 01:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

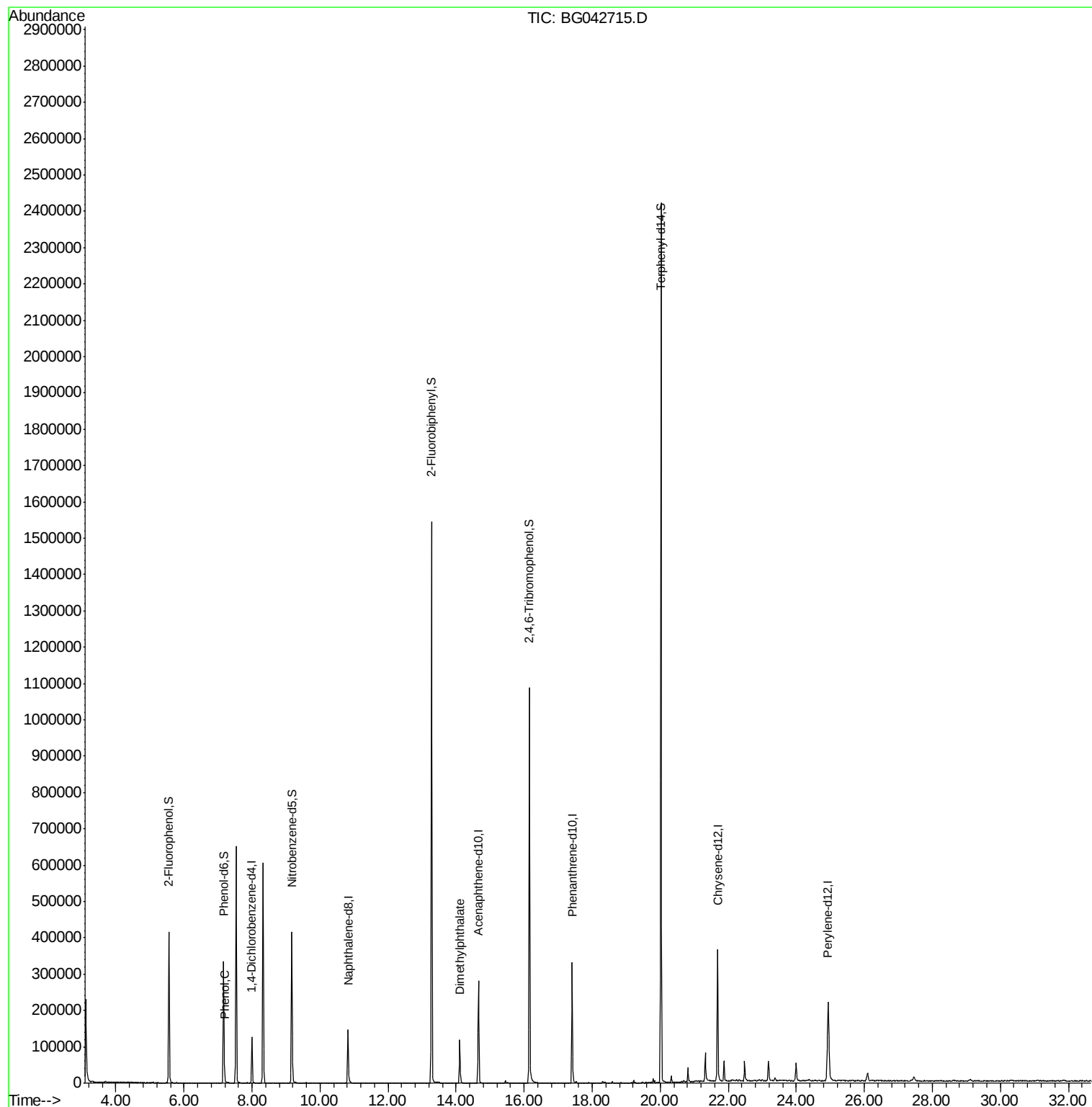
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43248	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	163167	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	121631	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248688	20.00	ng	0.00
76) Chrysene-d12	21.69	240	246538	20.00	ng	0.00
87) Perylene-d12	24.93	264	283684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	210217	98.44	ng	0.00
7) Phenol-d6	7.16	99	220625	76.49	ng	0.00
23) Nitrobenzene-d5	9.17	82	267240	113.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	290689	168.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	911354	126.72	ng	0.00
79) Terphenyl-d14	20.02	244	1315724	115.38	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7291	2.486	ng	95
50) Dimethylphthalate	14.10	163	113605	12.945	ng	99

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

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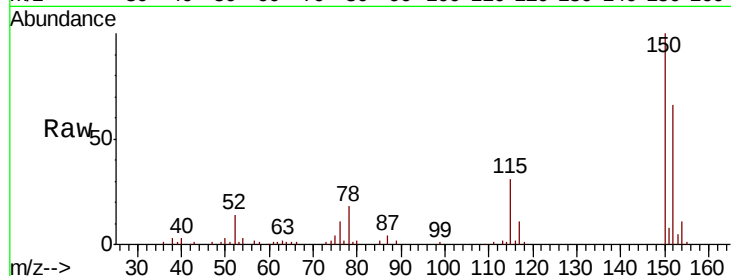


#1

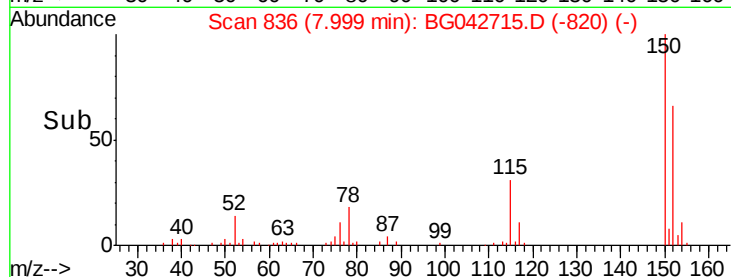
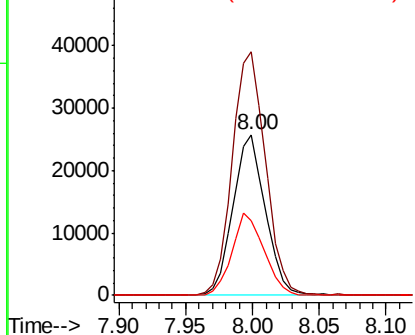
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Instrument :
BNA_G
ClientSampleId :
GW-01

Tot Ion:152 Resp: 43248
Ion Ratio Lower Upper
152 100
150 151.3 125.4 188.0
115 46.5 38.5 57.7



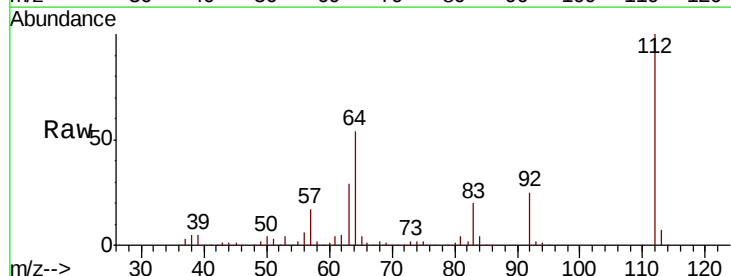
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



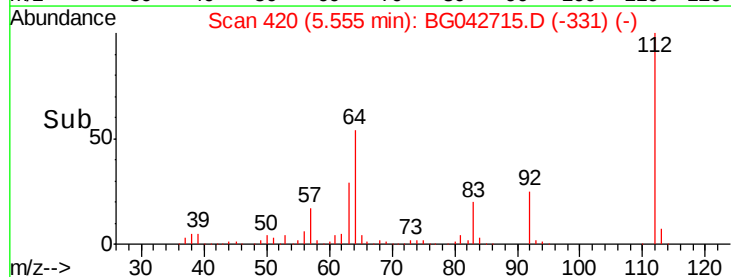
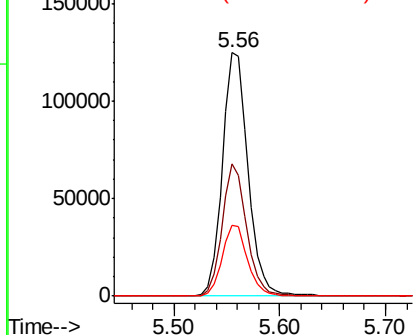
#5

2-Fluorophenol
Concen: 98.444 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Tgt Ion:112 Resp: 210217
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 29.2 22.7 34.1



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: 76.488 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

GW-01

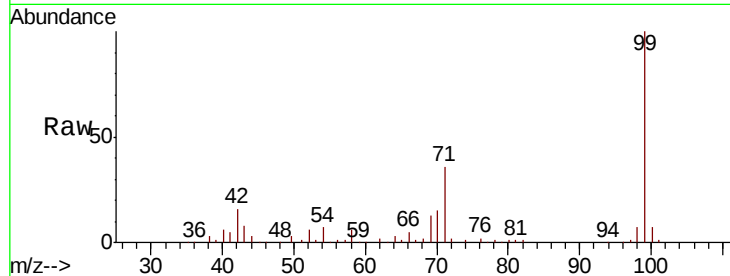
Tot Ion: 99 Resp: 220625

Ion Ratio Lower Upper

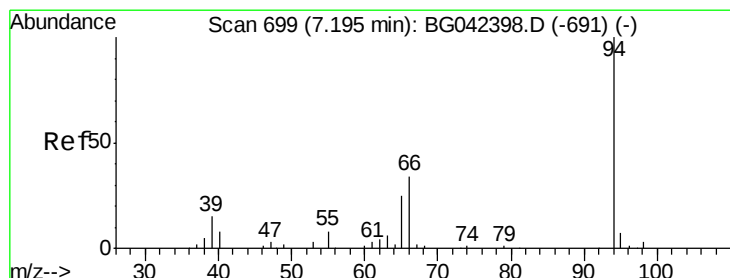
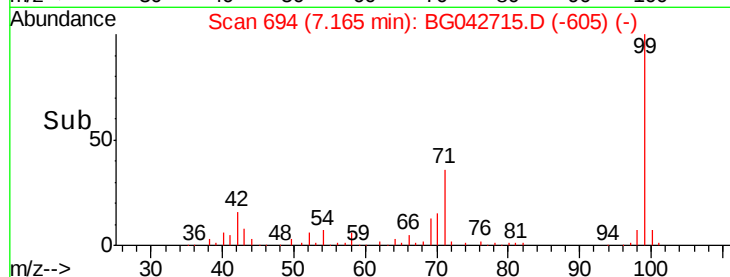
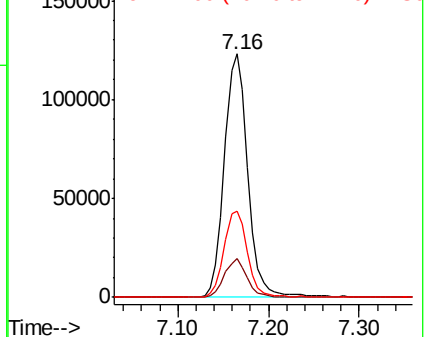
99 100

42 15.8 12.0 18.0

71 35.6 26.3 39.5



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: 2.486 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

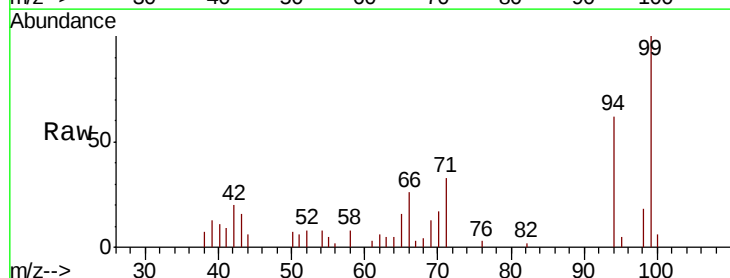
Tgt Ion: 94 Resp: 7291

Ion Ratio Lower Upper

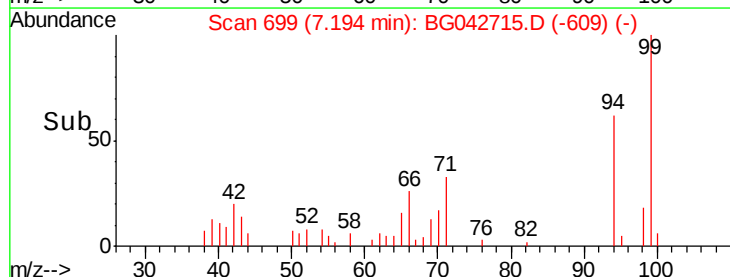
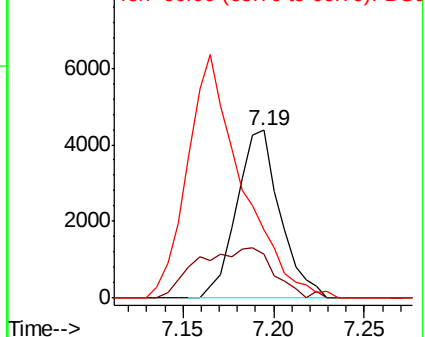
94 100

65 26.1 5.6 45.6

66 41.1 16.0 56.0



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

GW-01

Tot Ion:136 Resp: 163167

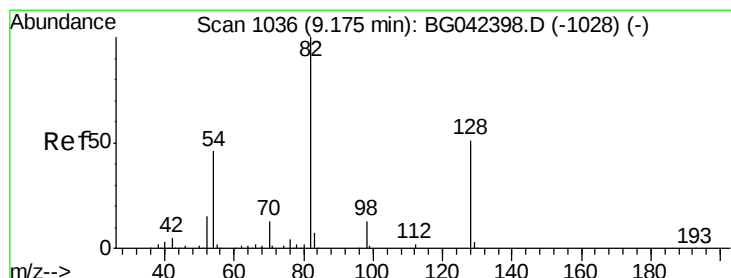
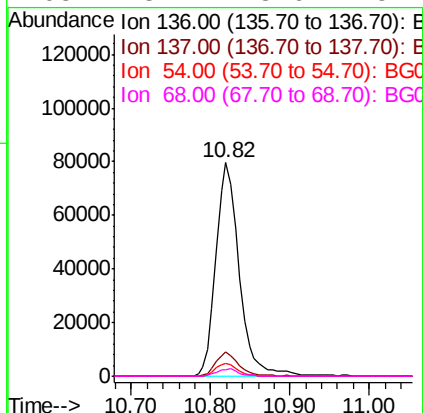
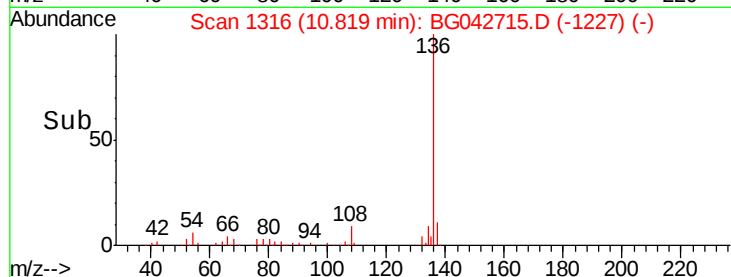
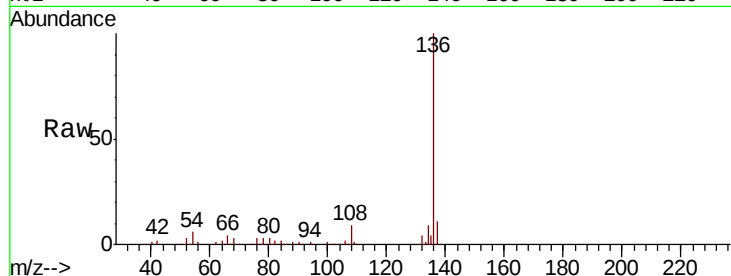
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 5.9 4.9 7.3

68 3.2 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 113.181 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

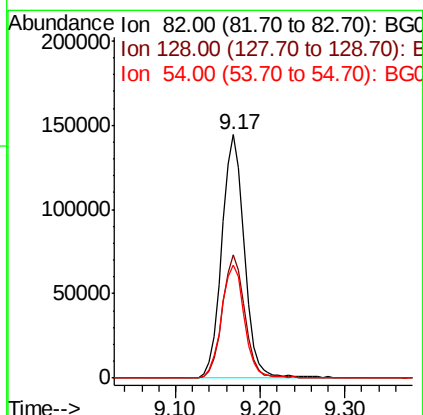
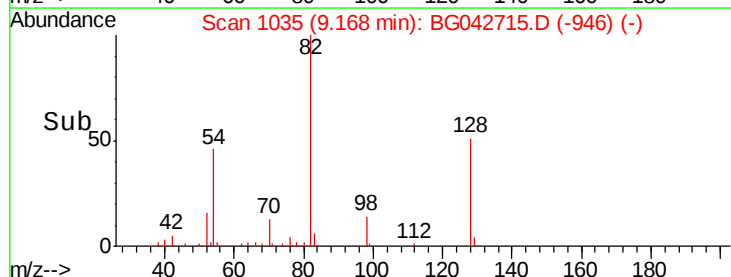
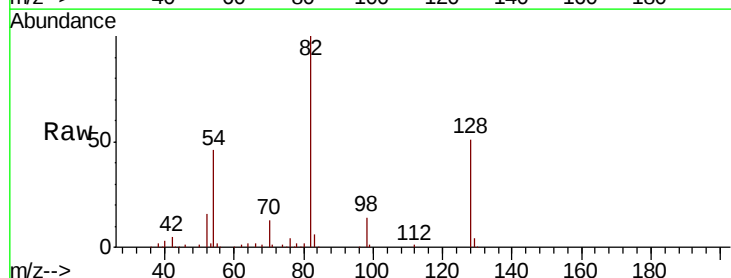
Tgt Ion: 82 Resp: 267240

Ion Ratio Lower Upper

82 100

128 50.7 40.7 61.1

54 46.2 36.3 54.5

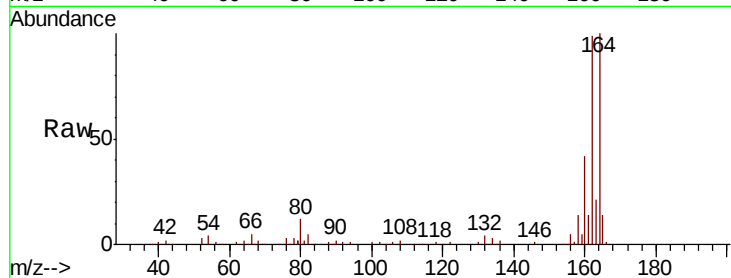




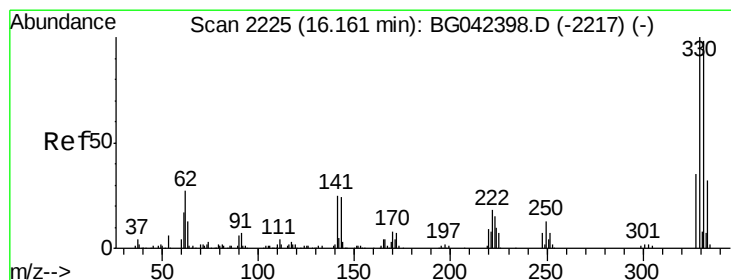
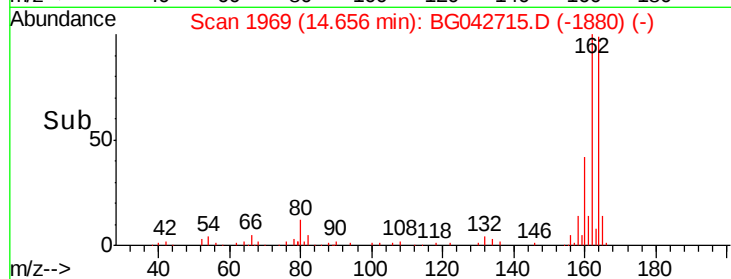
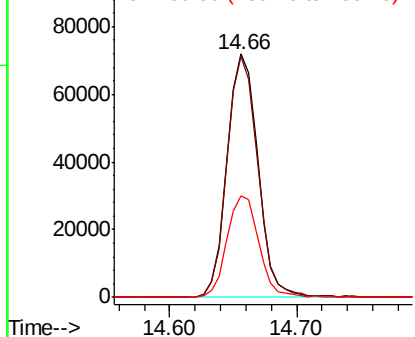
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Instrument :
BNA_G
ClientSampleId :
GW-01

Tot Ion:164 Resp: 121631
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 41.7 34.3 51.5

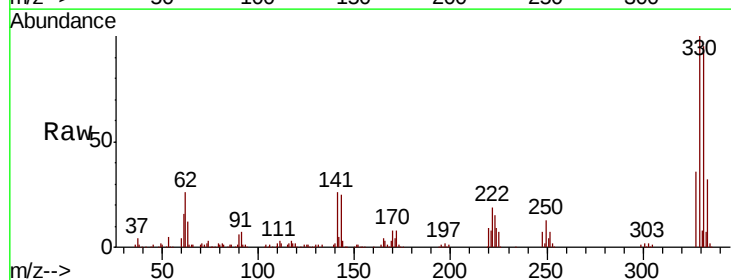


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

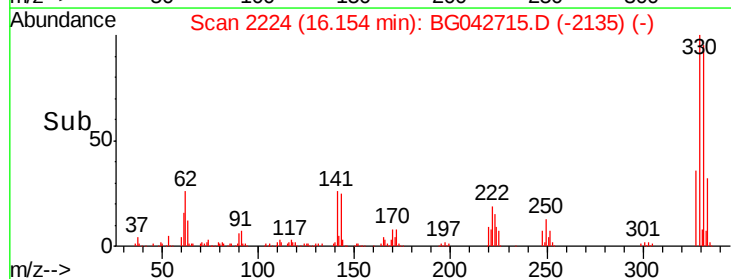
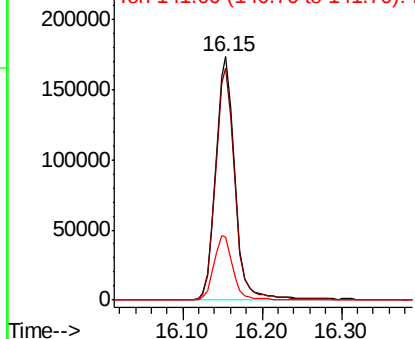


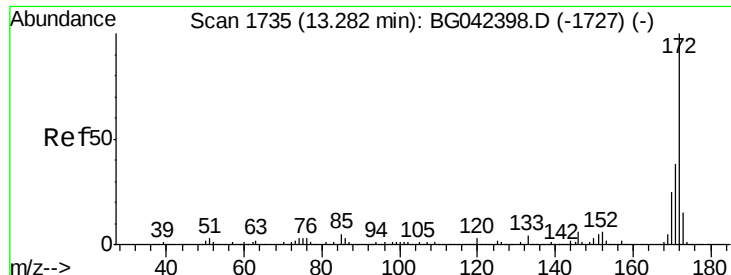
#42
2,4,6-Tribromophenol
Concen: 168.146 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Tgt Ion:330 Resp: 290689
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 26.3 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

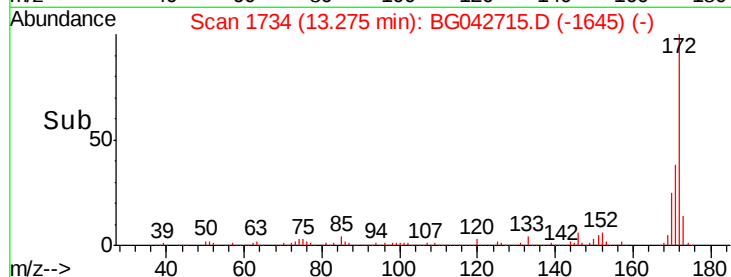
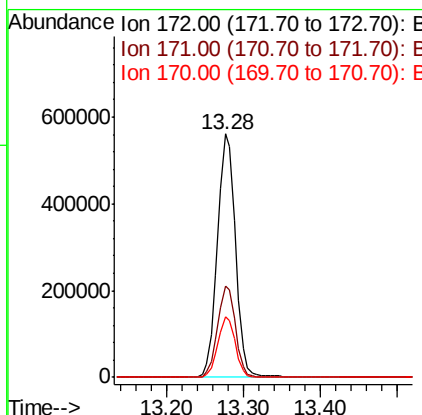
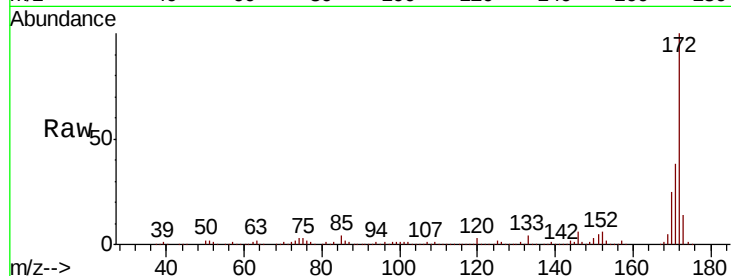




#45
 2-Fluorobiphenyl
 Concen: 126.724 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042715.D
 Acq: 4 Sep 2019 19:54

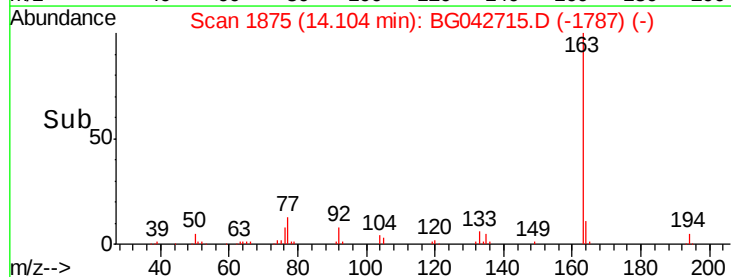
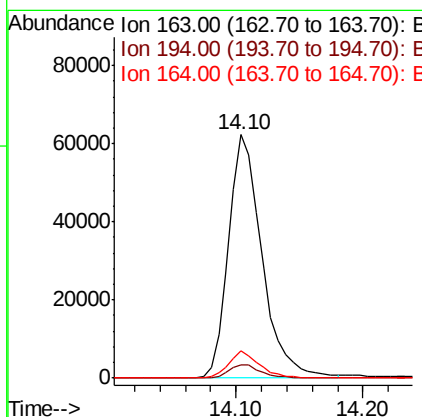
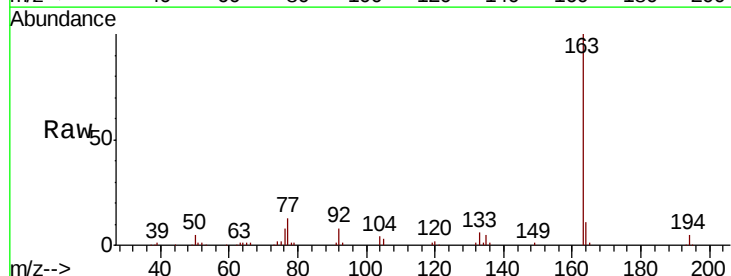
Instrument :
 BNA_G
 ClientSampleId :
 GW-01

Tot Ion:172 Resp: 911354
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 24.6 20.2 30.2



#50
 Dimethylphthalate
 Concen: 12.945 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042715.D
 Acq: 4 Sep 2019 19:54

Tgt Ion:163 Resp: 113605
 Ion Ratio Lower Upper
 163 100
 194 5.2 4.2 6.2
 164 11.5 8.8 13.2

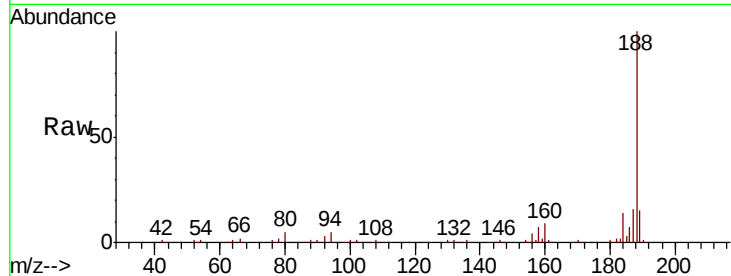




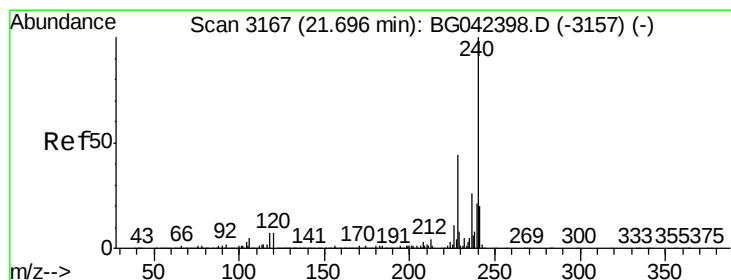
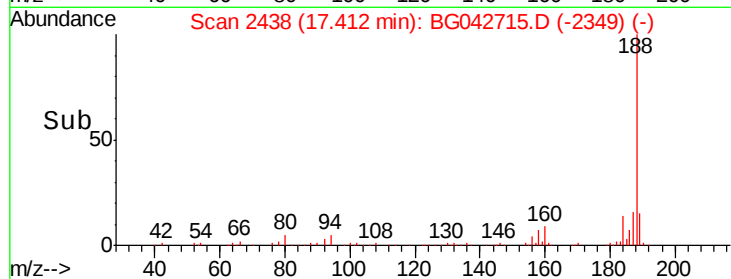
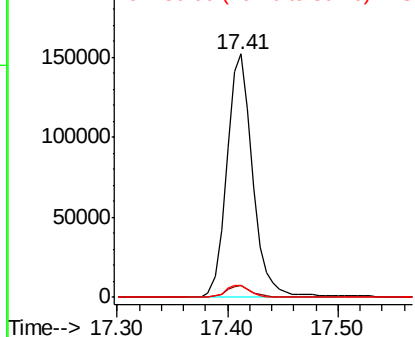
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Instrument :
BNA_G
ClientSampleId :
GW-01

Tot Ion:188 Resp: 248688
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 4.7 4.9 7.3#

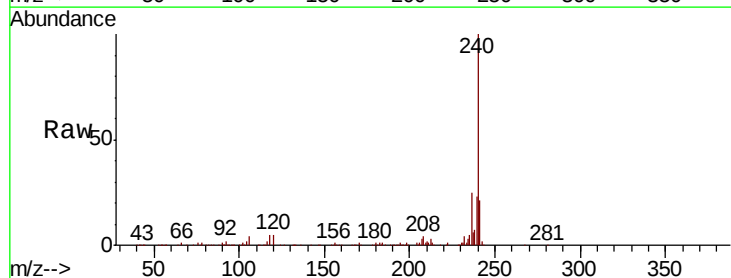


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

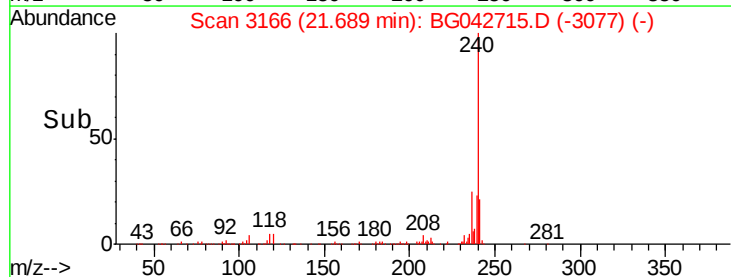
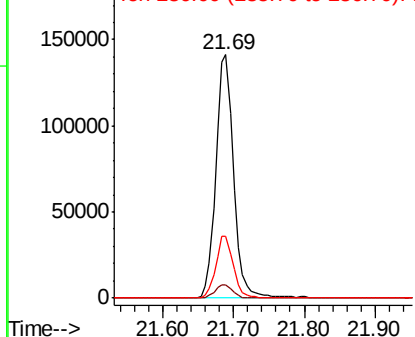


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042715.D
Acq: 4 Sep 2019 19:54

Tgt Ion:240 Resp: 246538
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 25.2 21.0 31.4



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: 115.377 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

GW-01

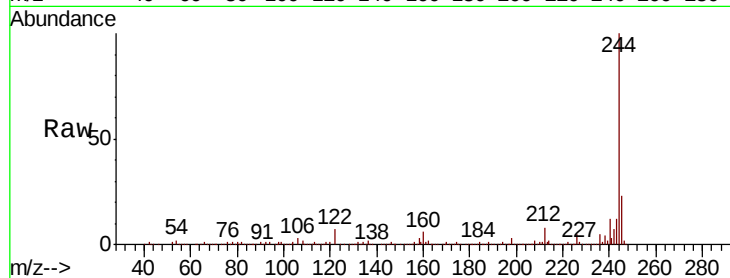
Tot Ion:244 Resp: 1315724

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

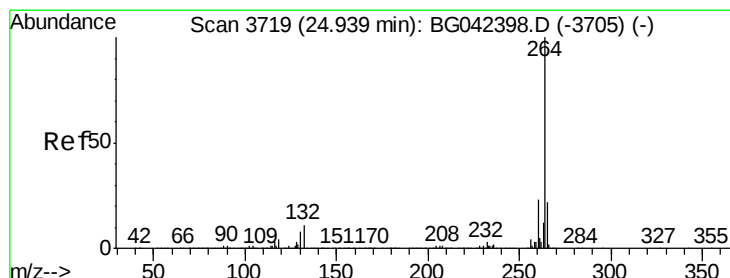
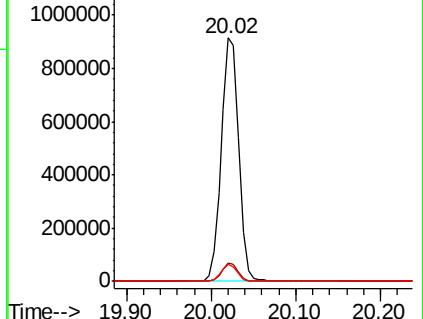
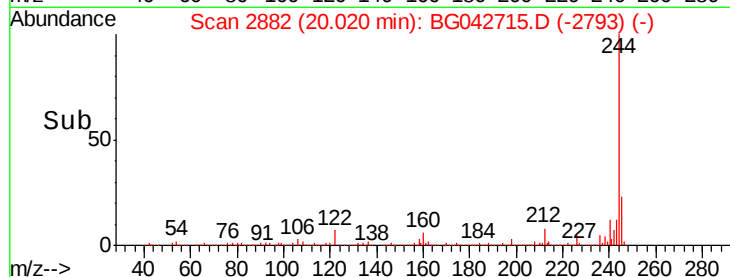
122 7.2 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042715.D

Acq: 4 Sep 2019 19:54

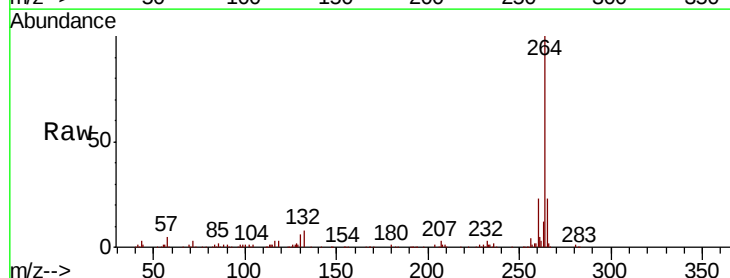
Tgt Ion:264 Resp: 283684

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 23.3 17.6 26.4



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

