

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042663.D
 Acq On : 1 Sep 2019 13:56
 Operator : HP/JU
 Sample : K4580-34
 Misc :
 ALS Vial : 4 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Quant Time: Sep 02 07:51:14 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	60364	40.00	ng	0.00
21) Naphthalene-d8	10.82	136	234122	40.00	ng	0.00
39) Acenaphthene-d10	14.65	164	190422	40.00	ng	0.00
64) Phenanthrene-d10	17.41	188	486561	40.00	ng	0.00
76) Chrysene-d12	21.69	240	555670	40.00	ng	0.00
87) Perylene-d12	24.92	264	658050	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	168926	113.35	ng	0.00
7) Phenol-d6	7.16	99	209033	103.84	ng	-0.01
23) Nitrobenzene-d5	9.16	82	137416	81.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	181519	134.13	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	493689	87.70	ng	0.00
79) Terphenyl-d14	20.02	244	1166526	90.77	ng	0.00

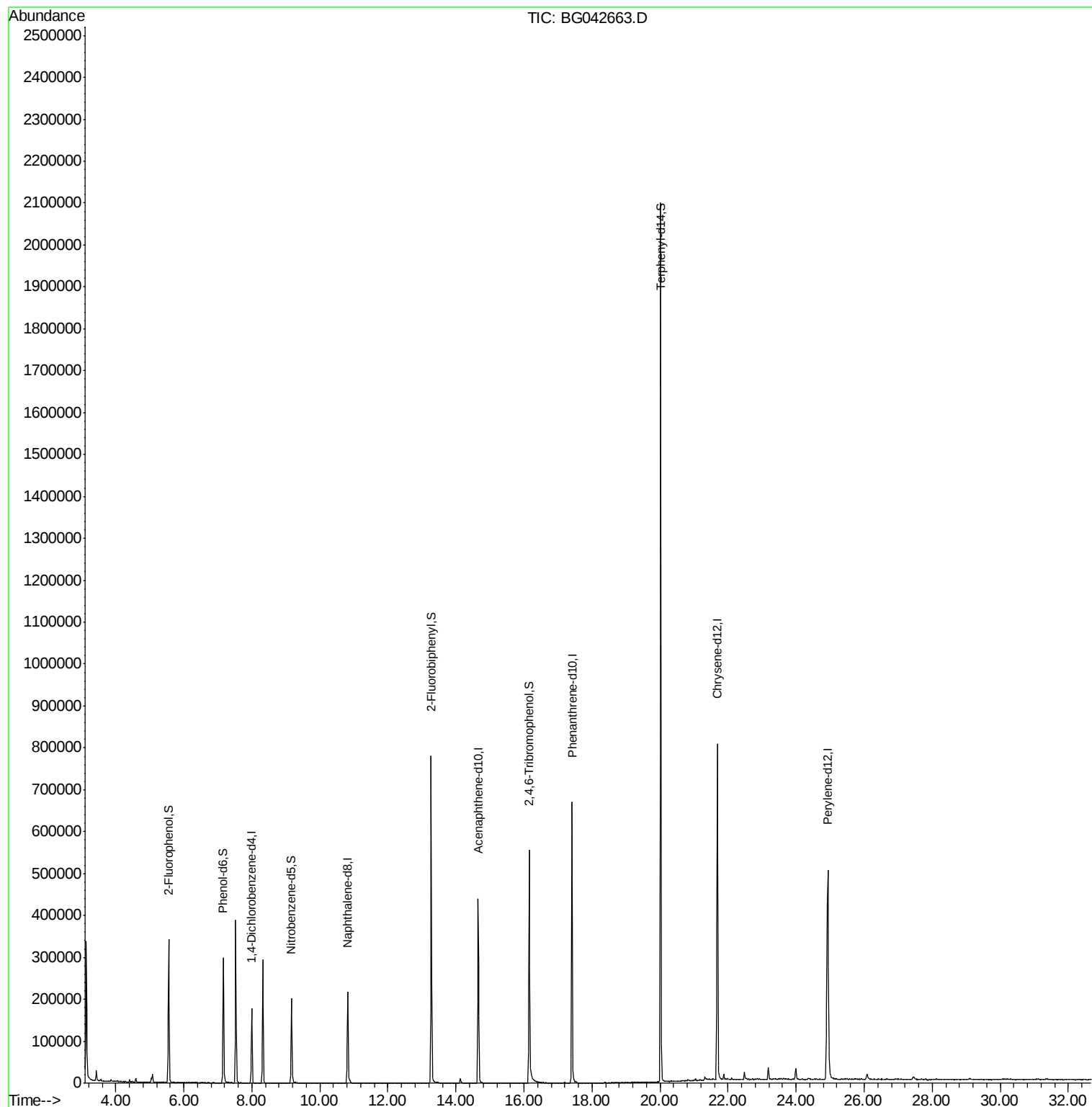
Target Compounds Qvalue

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

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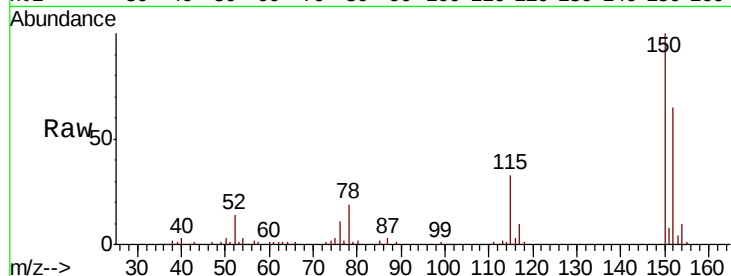


#1

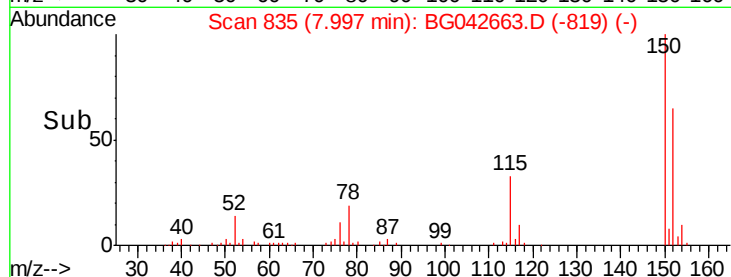
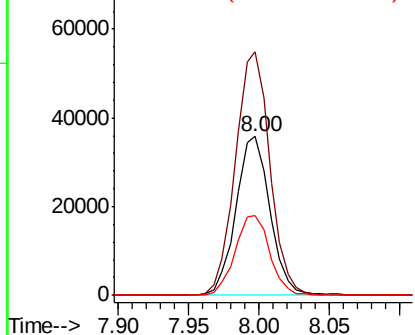
1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion:152 Resp: 60364
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.4 188.0
 115 50.2 38.5 57.7



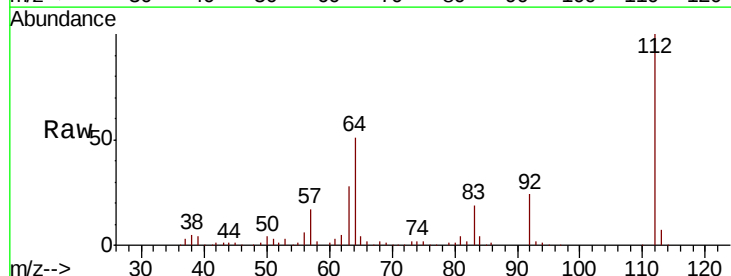
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



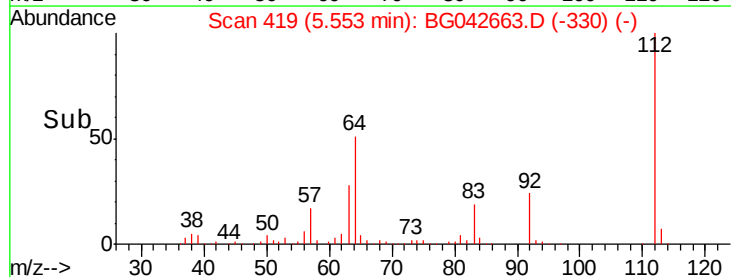
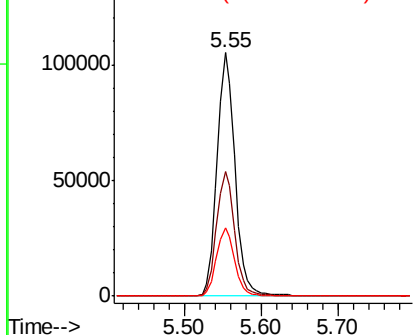
#5

2-Fluorophenol
 Concen: 113.354 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Tgt Ion:112 Resp: 168926
 Ion Ratio Lower Upper
 112 100
 64 51.2 42.8 64.2
 63 28.0 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: 103.842 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

Instrument :

BNA_G

ClientSampleId :

T12-A1-A4-(0-3.5)

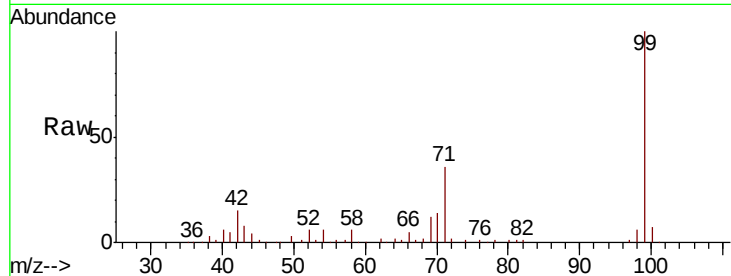
Tot Ion: 99 Resp: 209033

Ion Ratio Lower Upper

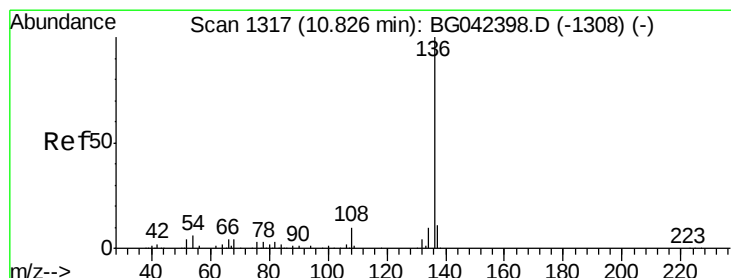
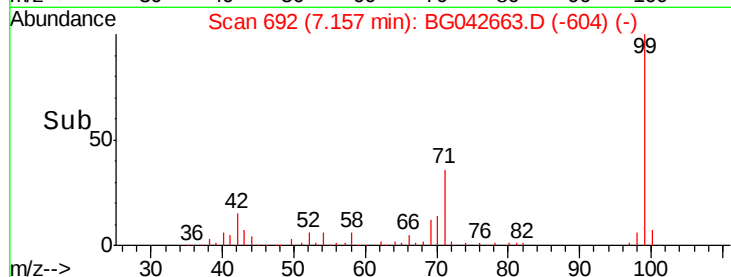
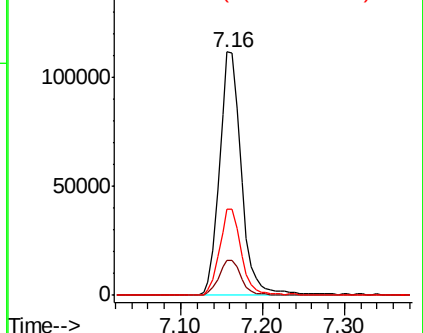
99 100

42 14.6 12.0 18.0

71 35.5 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



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

Tgt Ion: 136 Resp: 234122

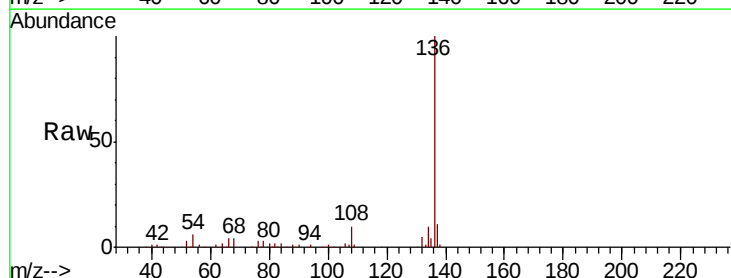
Ion Ratio Lower Upper

136 100

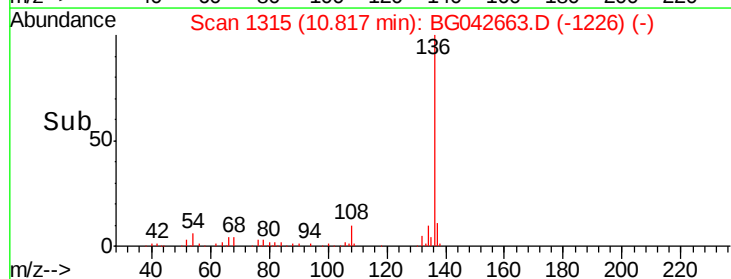
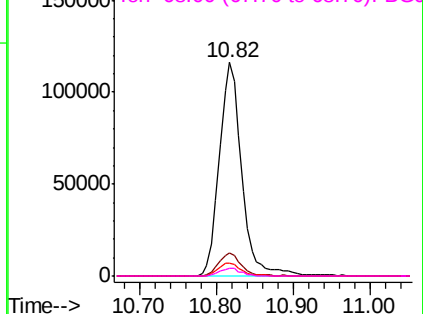
137 10.8 8.7 13.1

54 6.3 4.9 7.3

68 3.5 3.6 5.4#



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

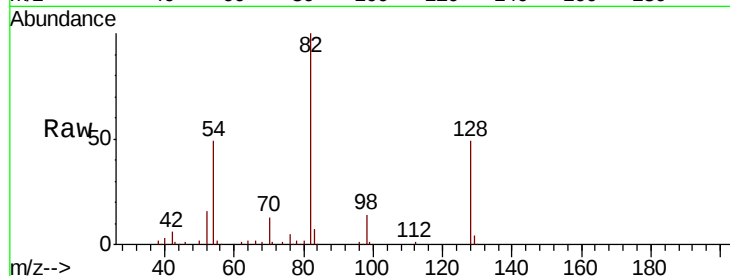




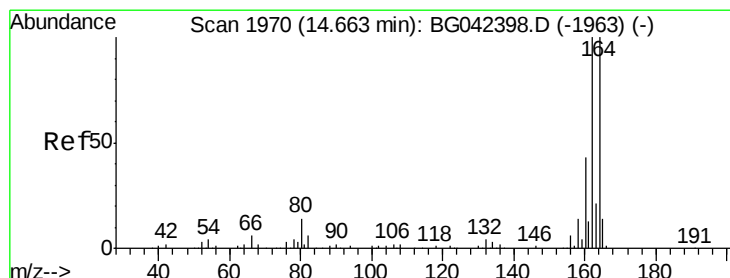
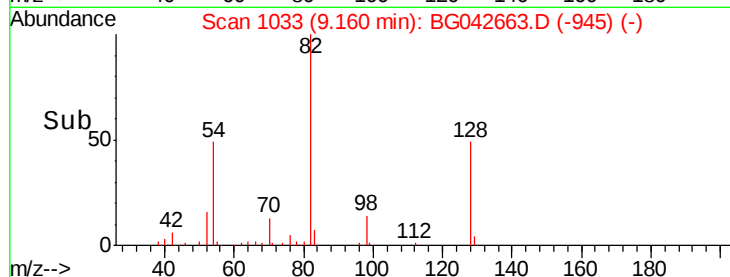
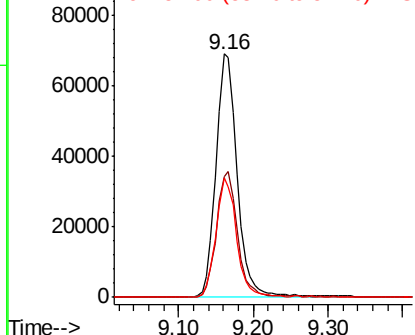
#23
 Nitrobenzene-d5
 Concen: 81.120 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion: 82 Resp: 137416
 Ion Ratio Lower Upper
 82 100
 128 49.3 40.7 61.1
 54 48.9 36.3 54.5

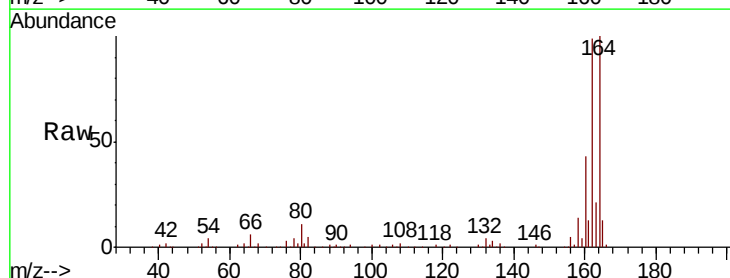


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

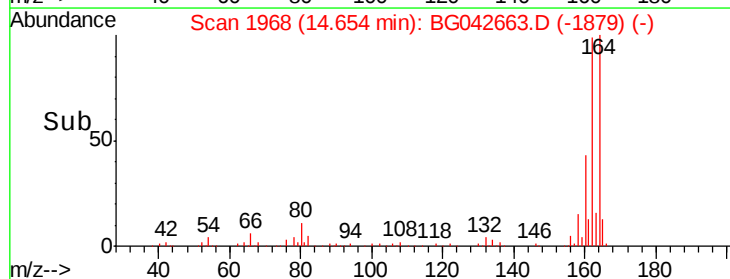
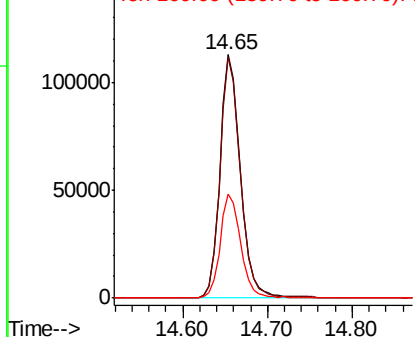


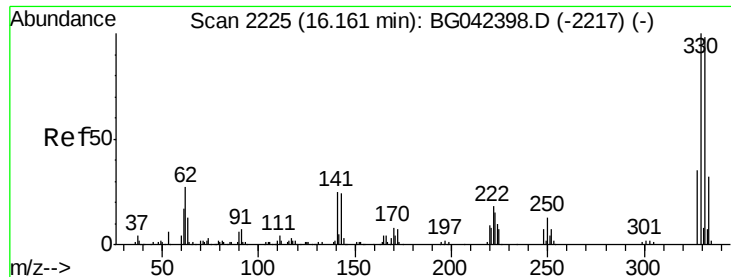
#39
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Tgt Ion:164 Resp: 190422
 Ion Ratio Lower Upper
 164 100
 162 99.0 79.9 119.9
 160 42.7 34.3 51.5



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

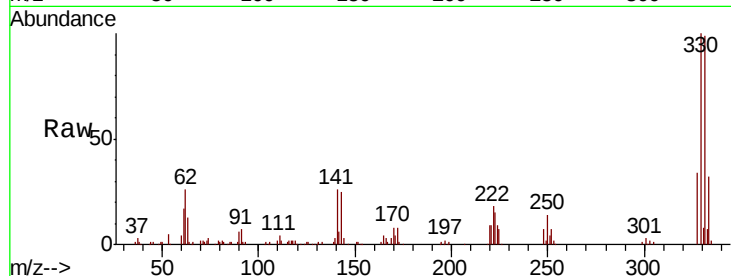




#42
 2,4,6-Tribromophenol
 Concen: 134.134 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion	330	Resp	181519
Ion Ratio	100	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	25.6	21.4	32.0

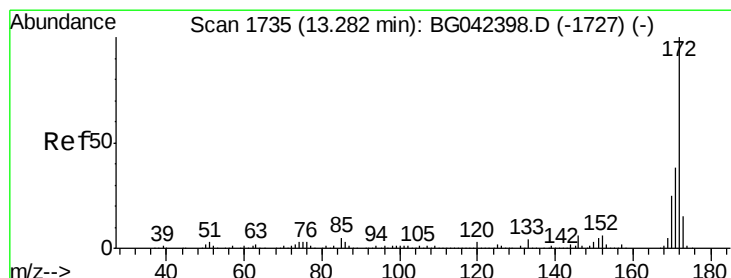
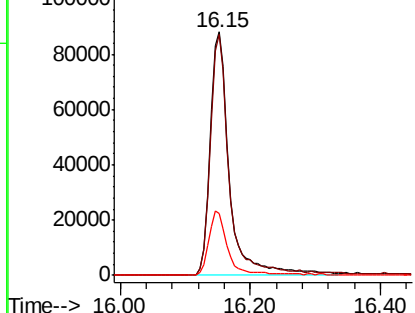
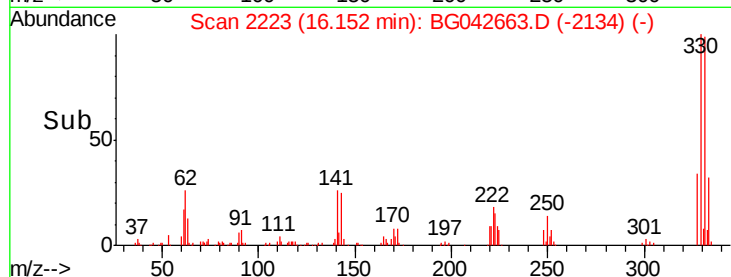


Abundance

Ion 329.80 (329.50 to 330.50): E

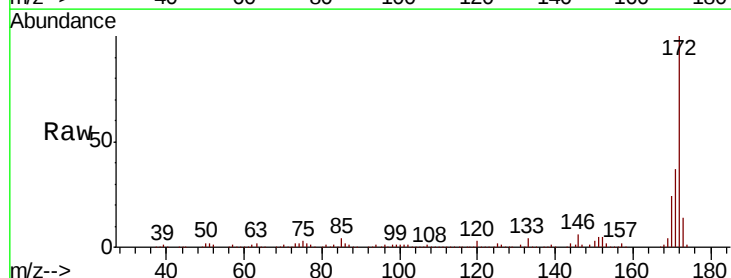
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.697 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042663.D
 Acq: 1 Sep 2019 13:56

Tgt Ion	172	Resp	493689
Ion Ratio	100	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.6	20.2	30.2

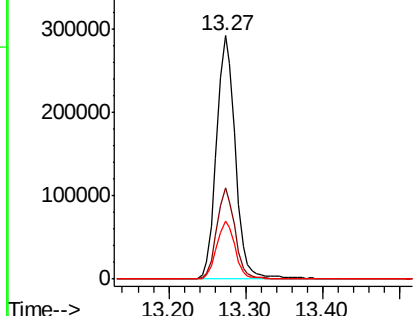
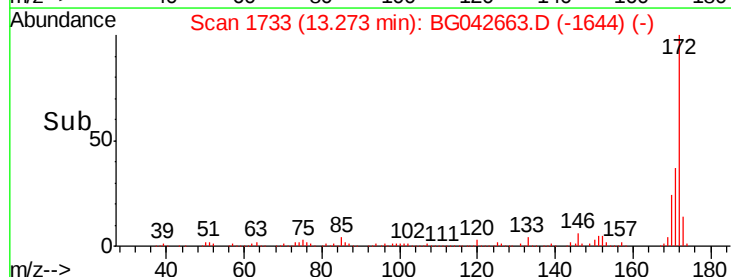


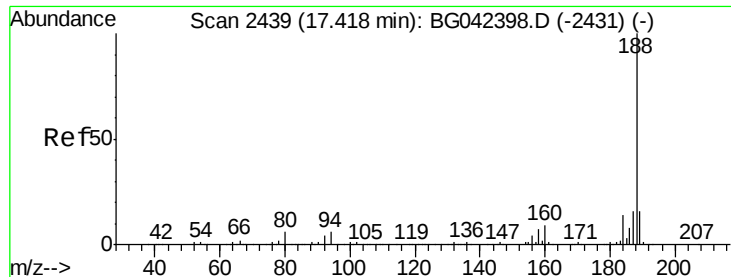
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

Instrument :

BNA_G

ClientSampleId :

T12-A1-A4-(0-3.5)

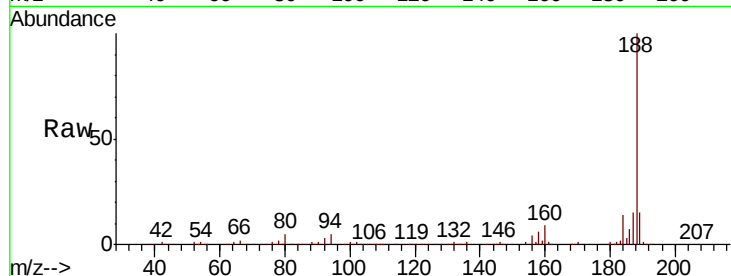
Tot Ion:188 Resp: 486561

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

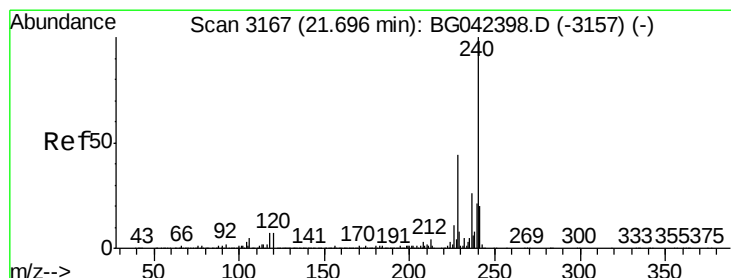
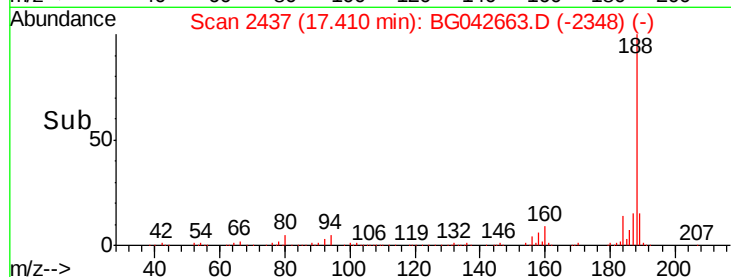
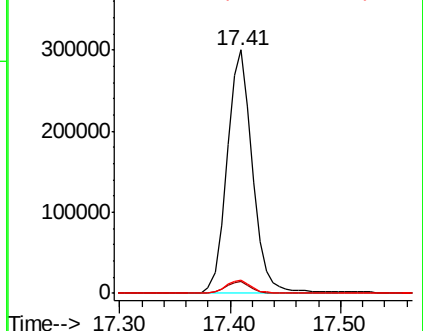
80 5.4 4.9 7.3



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: 40.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

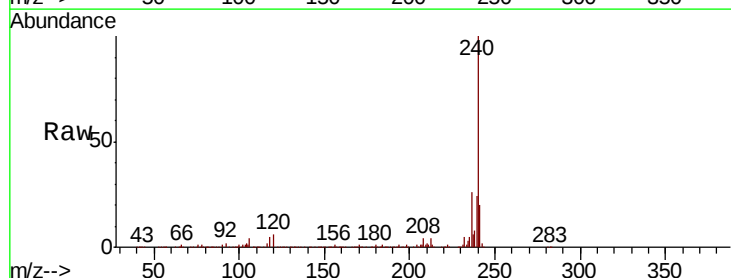
Tgt Ion:240 Resp: 555670

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

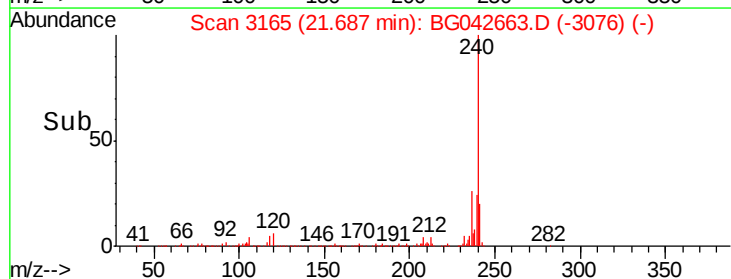
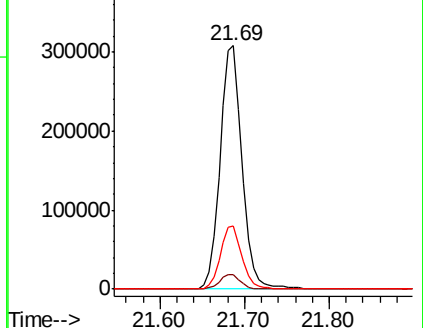
236 26.1 21.0 31.4



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: 90.771 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

Instrument :

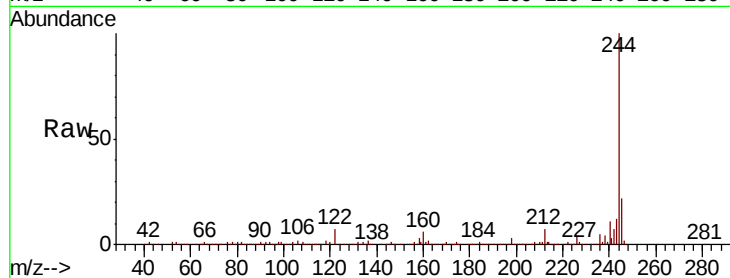
BNA_G

ClientSampleId :

T12-A1-A4-(0-3.5)

Tot Ion:244 Resp: 1166526

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	7.0	6.7	10.1

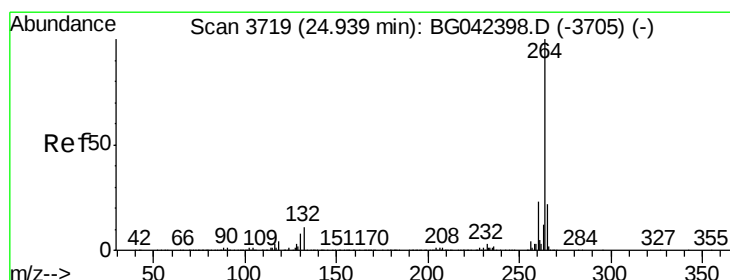
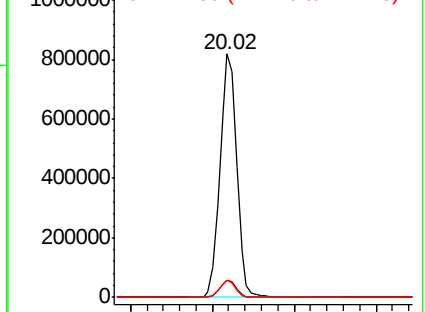
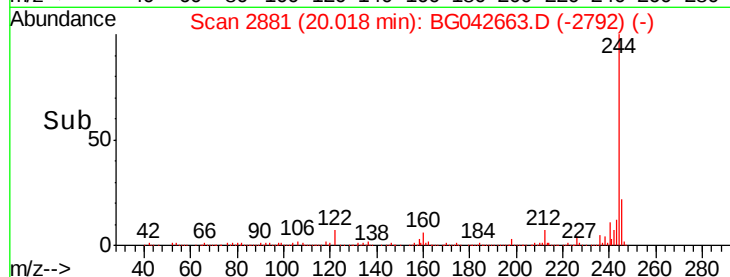


Abundance

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: 40.000 ng

RT: 24.92 min Scan# 3716

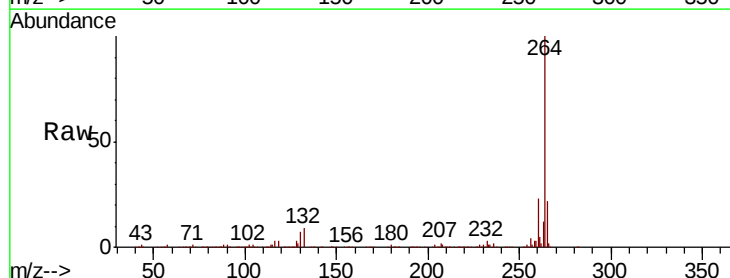
Delta R.T. -0.01 min

Lab File: BG042663.D

Acq: 1 Sep 2019 13:56

Tgt Ion:264 Resp: 658050

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.1	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

