

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042646.D
 Acq On : 1 Sep 2019 00:12
 Operator : HP/JU
 Sample : K4547-35
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T7-S-G1-G4

Quant Time: Sep 01 02:32:05 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	35149	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127808	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	93747	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	222429	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	251623	20.00	ng	-0.02
87) Perylene-d12	24.91	264	289759	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	232367	133.89	ng	0.00
7) Phenol-d6	7.17	99	273346	116.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	193775	104.77	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	206642	155.08	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	615095	110.97	ng	0.00
79) Terphenyl-d14	20.02	244	1243276	106.82	ng	0.00

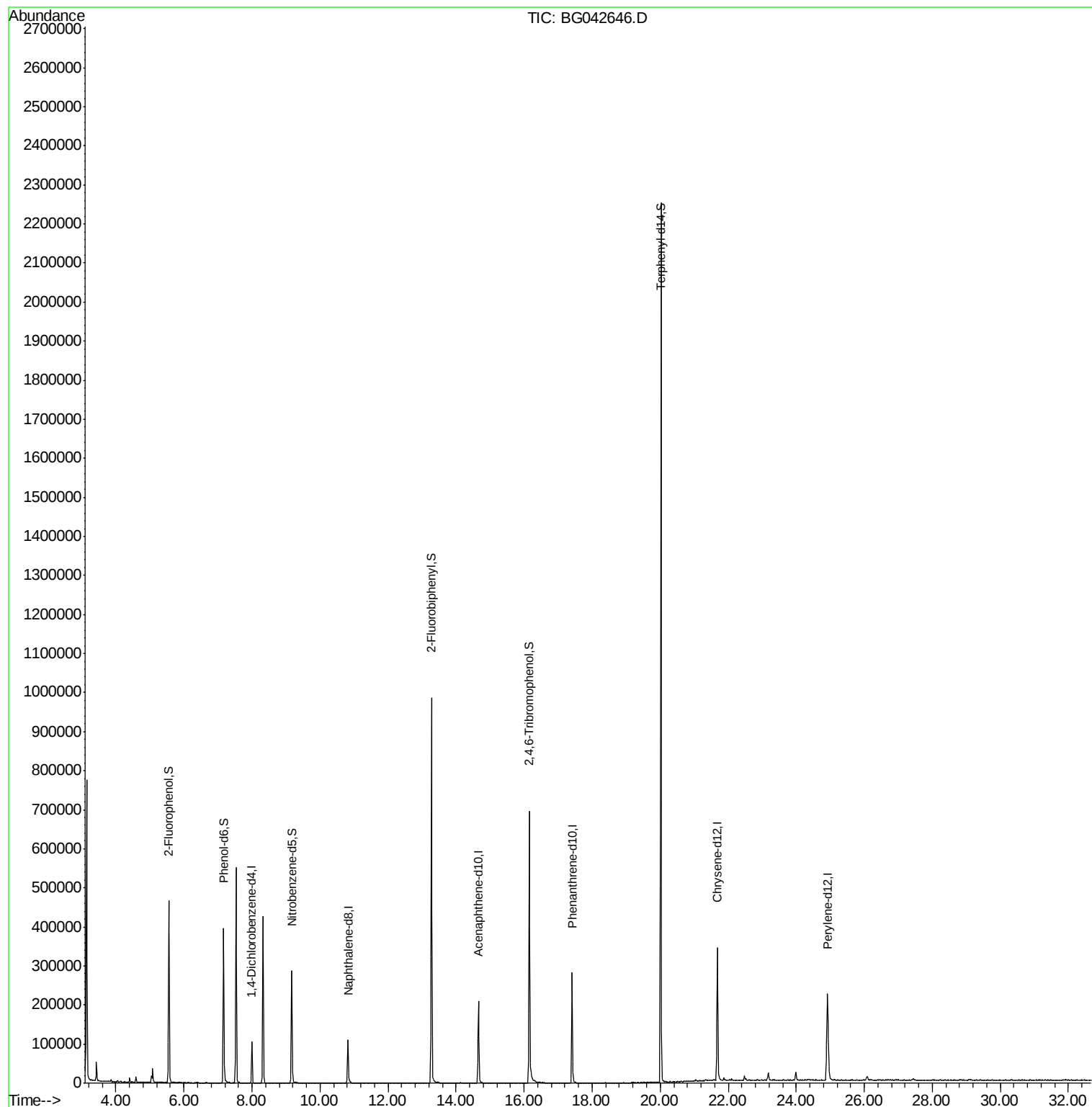
Target Compounds Qvalue

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

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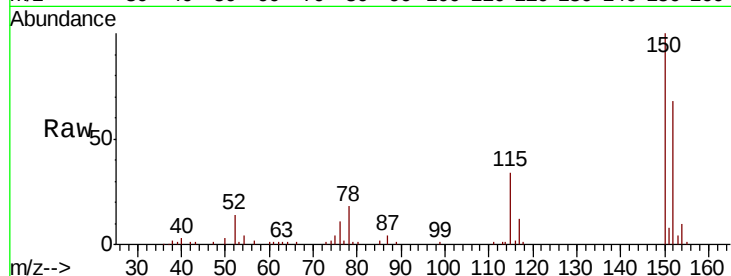


#1

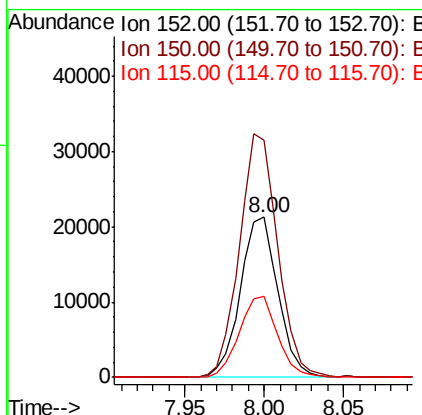
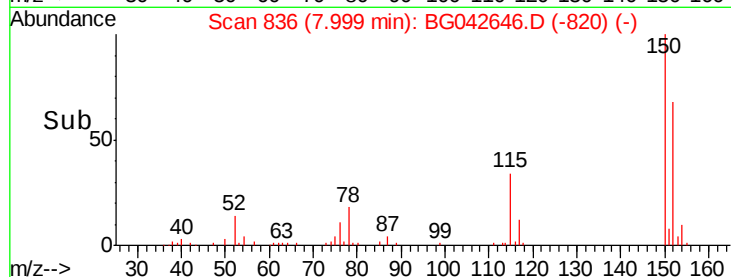
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Instrument :
 BNA_G
 ClientSampleId :
 T7-S-G1-G4

Tot Ion:152 Resp: 35149
 Ion Ratio Lower Upper
 152 100
 150 147.8 125.4 188.0
 115 50.7 38.5 57.7



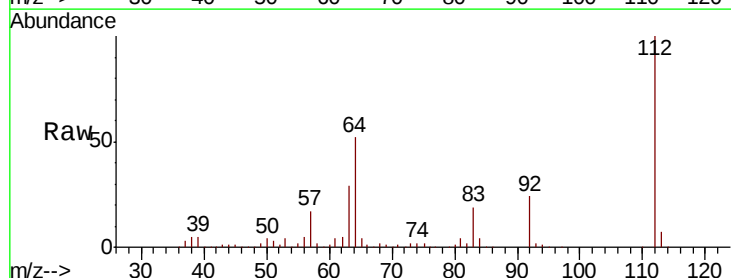
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



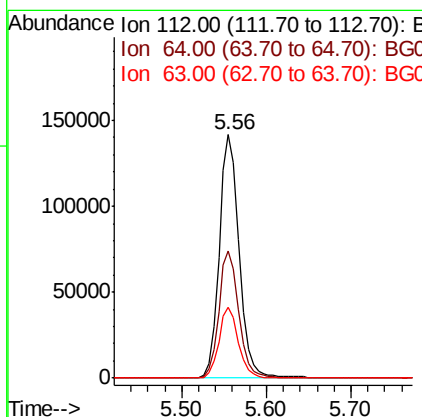
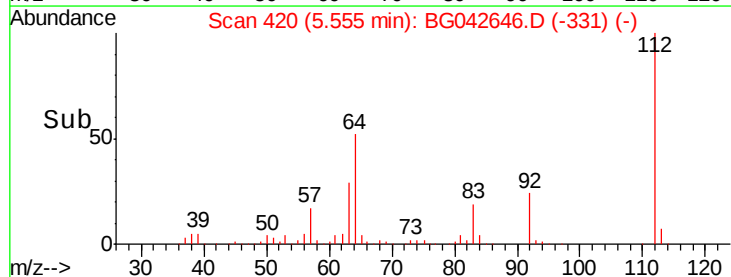
#5

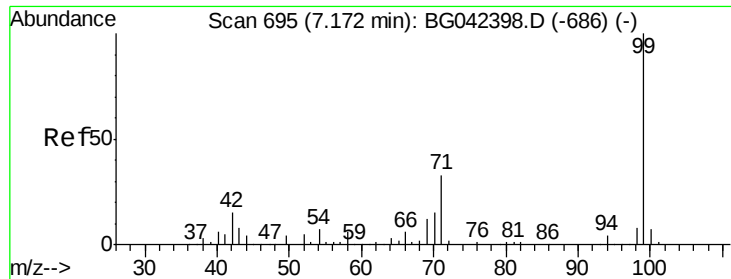
2-Fluorophenol
 Concen: 133.890 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Tgt Ion:112 Resp: 232367
 Ion Ratio Lower Upper
 112 100
 64 52.3 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.602 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

Instrument :

BNA_G

ClientSampleId :

T7-S-G1-G4

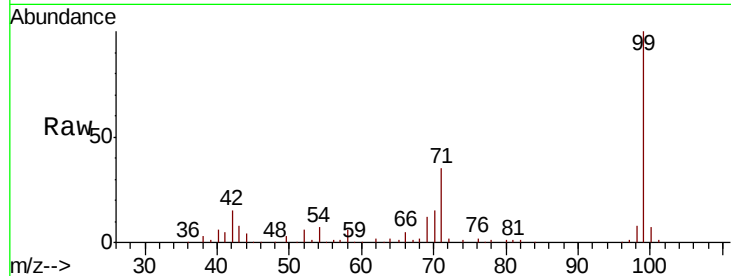
Tot Ion: 99 Resp: 273346

Ion Ratio Lower Upper

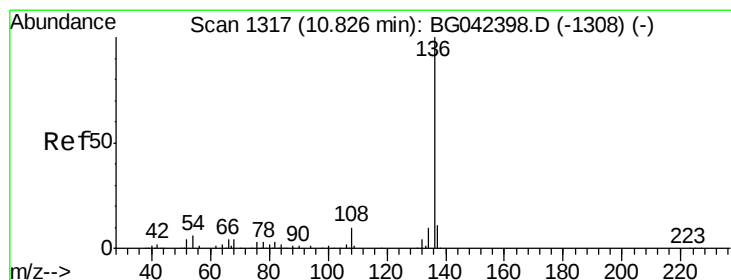
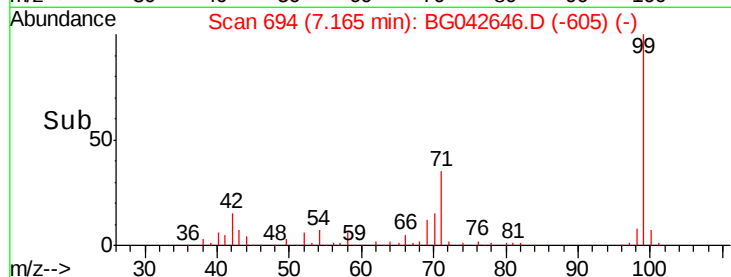
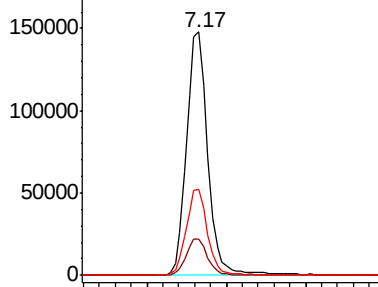
99 100

42 15.0 12.0 18.0

71 35.4 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: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

Tgt Ion: 136 Resp: 127808

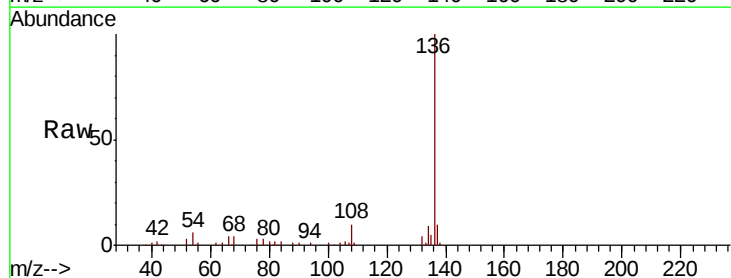
Ion Ratio Lower Upper

136 100

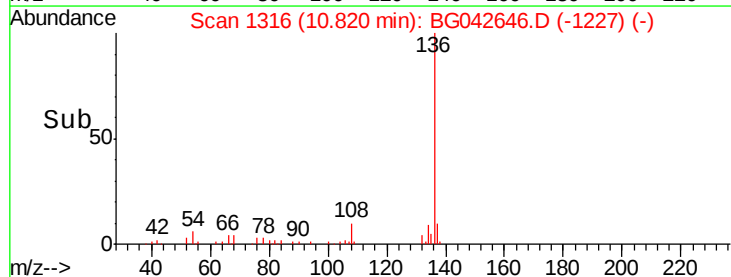
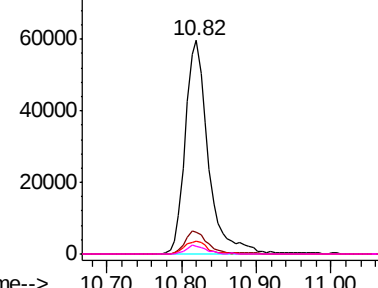
137 10.2 8.7 13.1

54 5.9 4.9 7.3

68 3.7 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

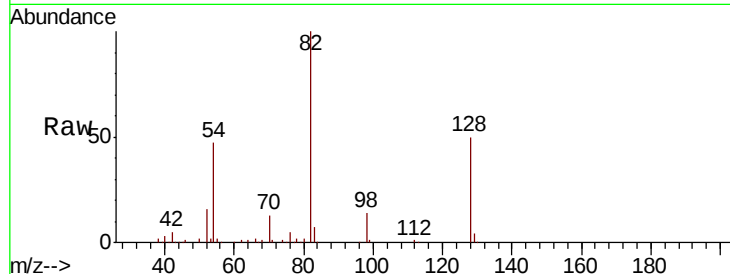




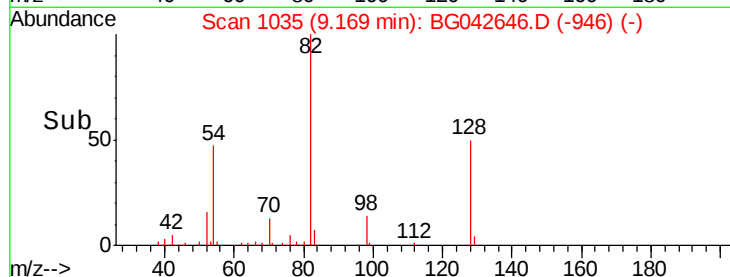
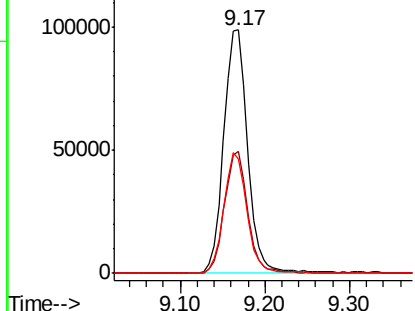
#23
 Nitrobenzene-d5
 Concen: 104.771 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Instrument :
 BNA_G
 ClientSampleId :
 T7-S-G1-G4

Tot Ion	82	Resp	193775
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.7	61.1
54	46.9	36.3	54.5

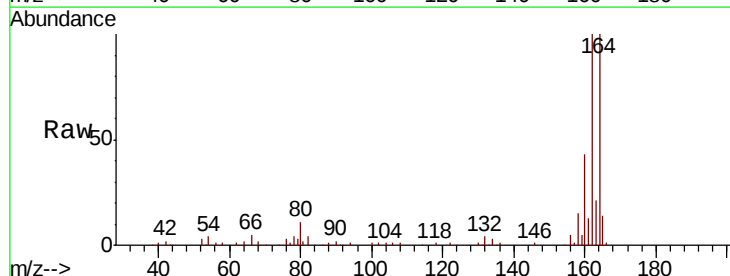


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

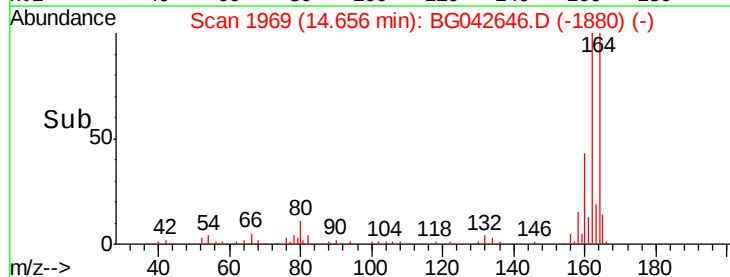
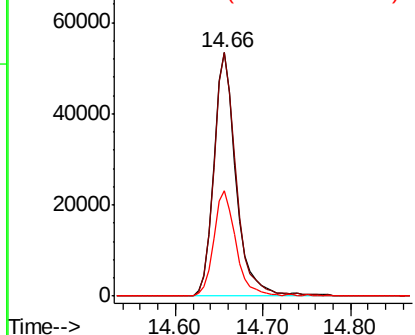


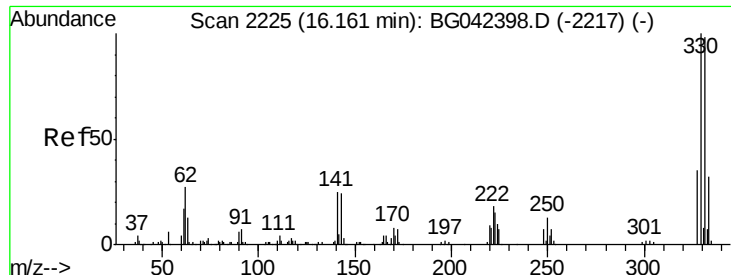
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Tgt Ion	164	Resp	93747
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.9	119.9
160	43.4	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

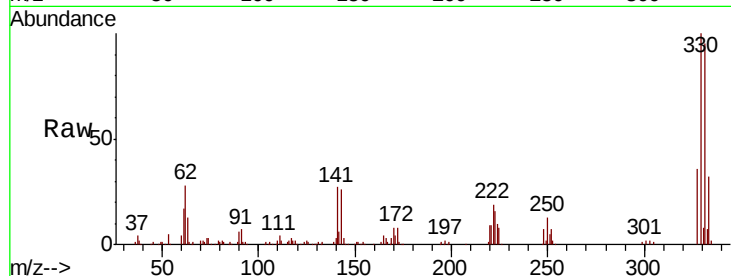




#42
 2,4,6-Tribromophenol
 Concen: 155.083 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Instrument :
 BNA_G
 ClientSampleId :
 T7-S-G1-G4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	27.0	21.4	32.0

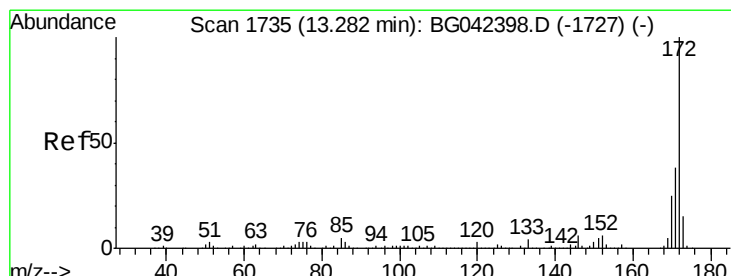
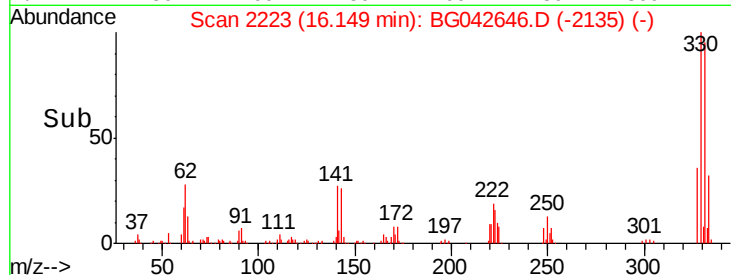
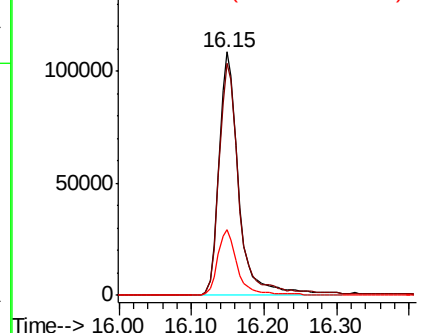


Abundance

Ion 329.80 (329.50 to 330.50): E

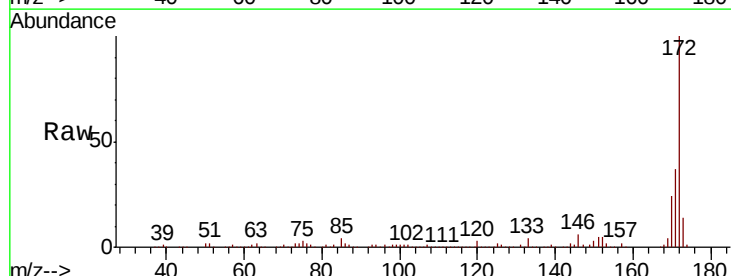
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 110.969 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042646.D
 Acq: 1 Sep 2019 00:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.5	20.2	30.2

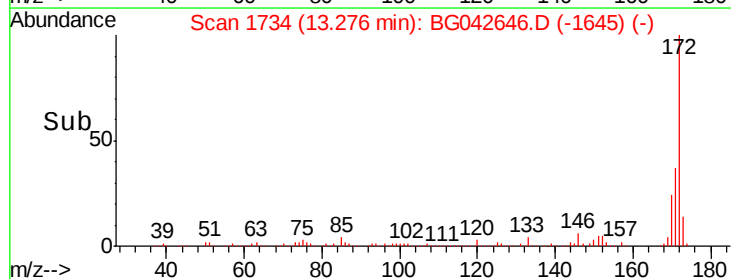
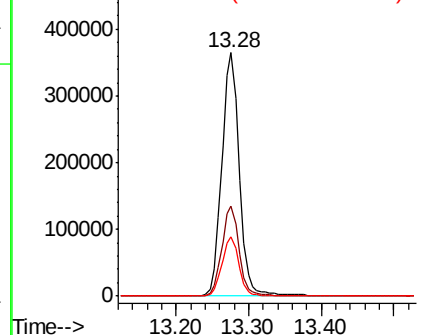


Abundance

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: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

Instrument :

BNA_G

ClientSampleId :

T7-S-G1-G4

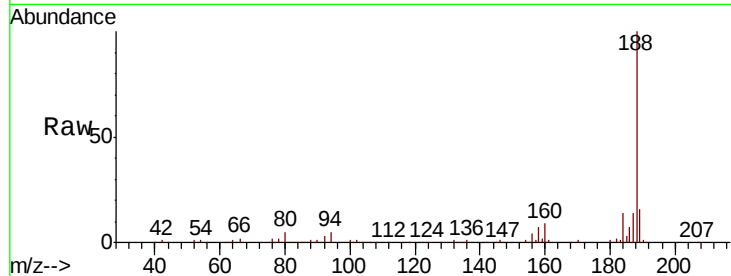
Tot Ion:188 Resp: 222429

Ion Ratio Lower Upper

188 100

94 5.5 4.5 6.7

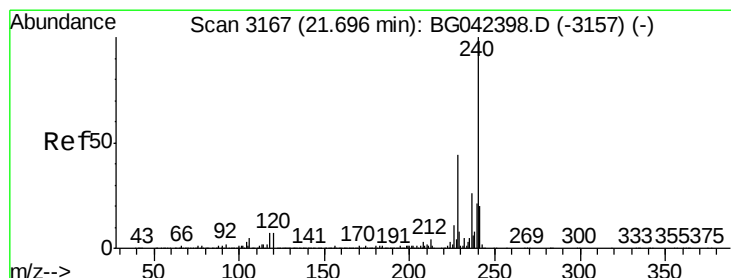
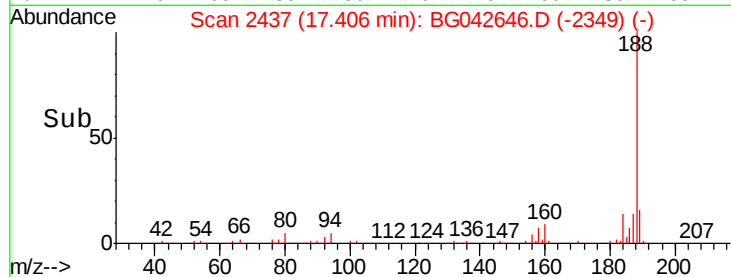
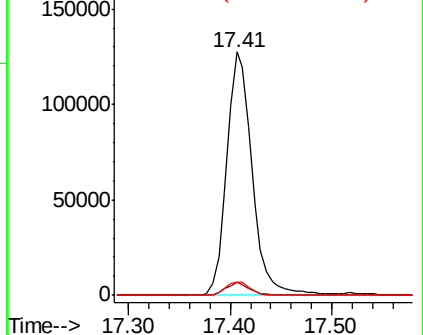
80 5.3 4.9 7.3



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: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

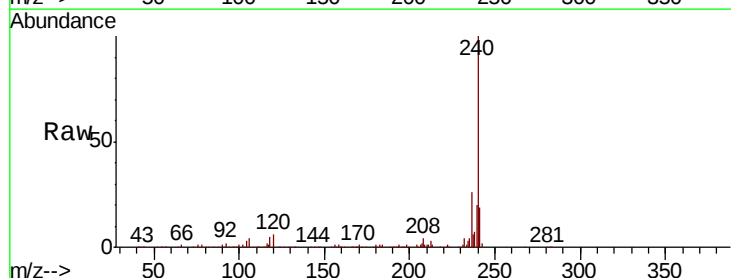
Tgt Ion:240 Resp: 251623

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

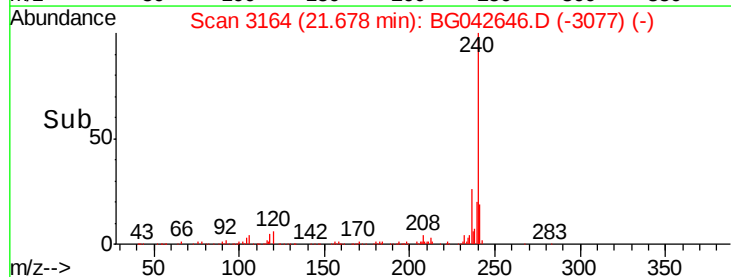
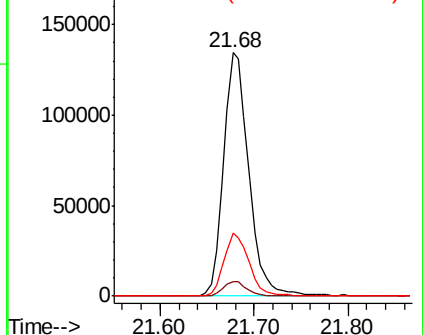
236 25.8 21.0 31.4

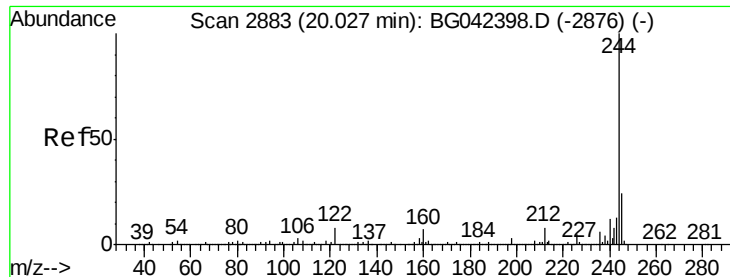


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.821 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

Instrument :

BNA_G

ClientSampleId :

T7-S-G1-G4

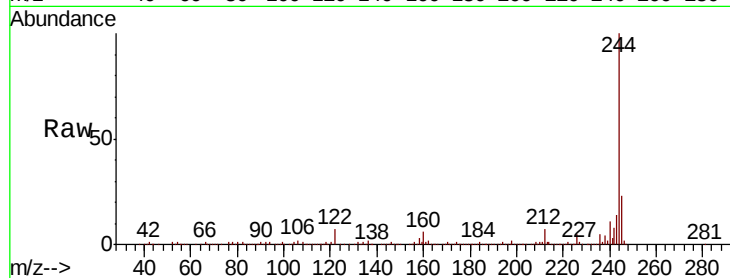
Tot Ion:244 Resp: 1243276

Ion Ratio Lower Upper

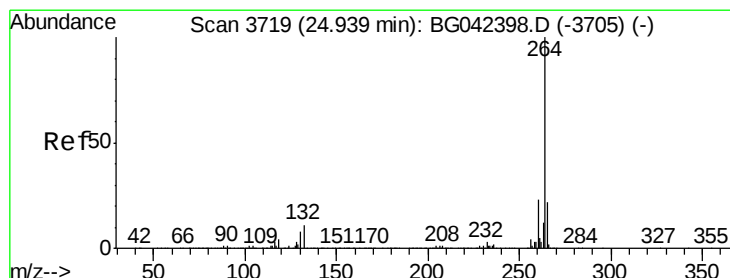
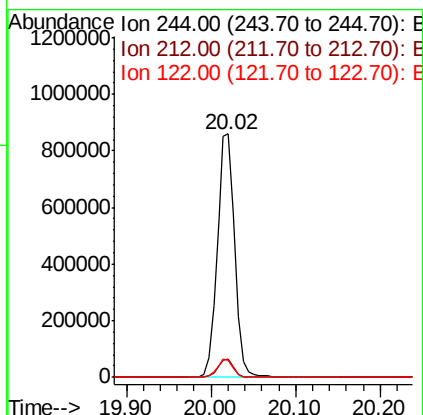
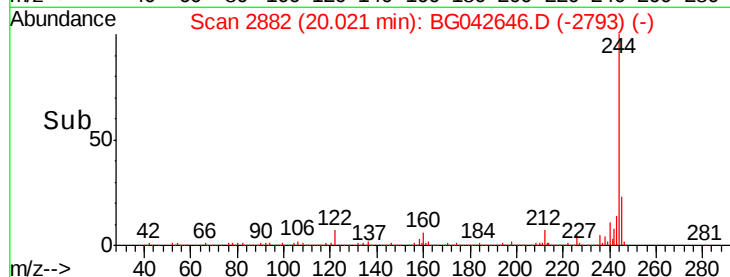
244 100

212 7.3 6.0 9.0

122 6.9 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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042646.D

Acq: 1 Sep 2019 00:12

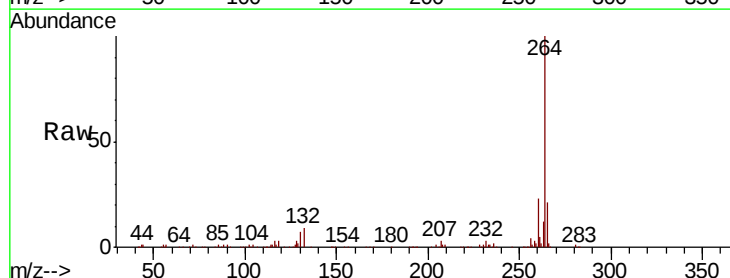
Tgt Ion:264 Resp: 289759

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.3 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

