

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042880.D
 Acq On : 17 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4859-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW800-091119RE

Quant Time: Sep 18 02:26:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48501	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	187913	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	145589	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	356244	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	314535	20.00	ng	-0.02
87) Perylene-d12	25.00	264	325662	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	54	0.02	ng	0.03
7) Phenol-d6	7.30	99	1046	0.26	ng	0.03
23) Nitrobenzene-d5	9.27	82	213887	59.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	73	0.04	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	578138	62.86	ng	-0.02
79) Terphenyl-d14	20.07	244	958969	67.57	ng	-0.02

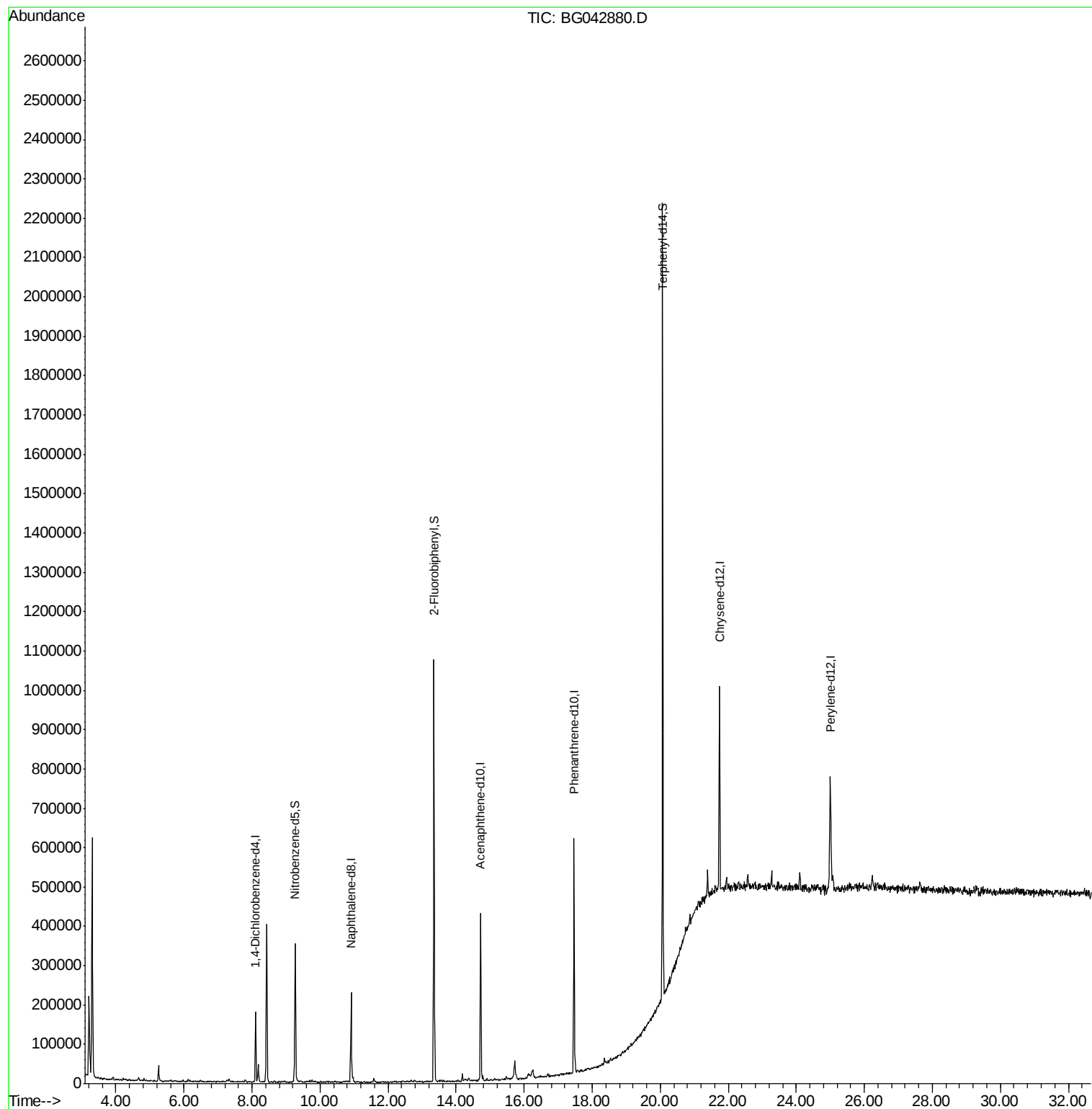
Target Compounds Qvalue

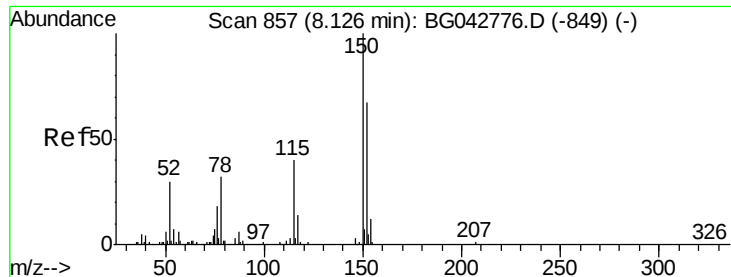
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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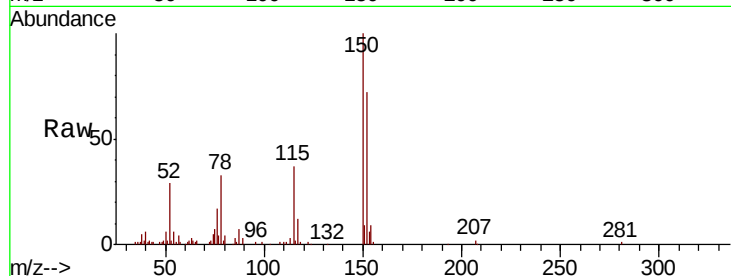


#1

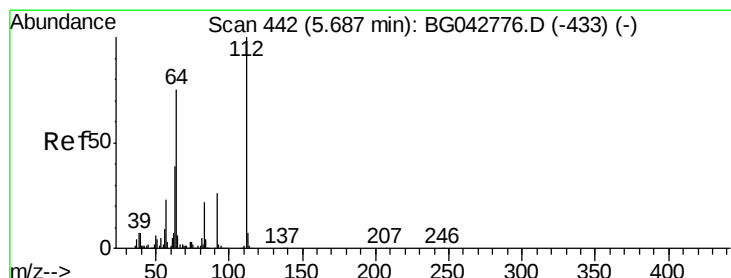
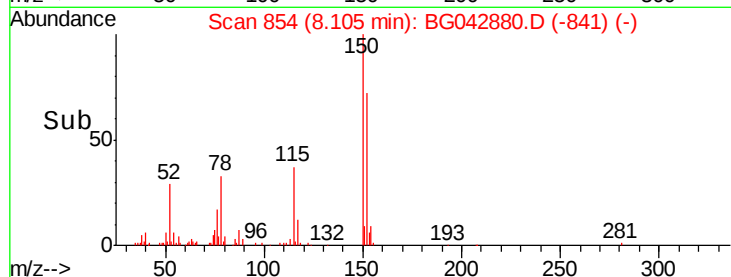
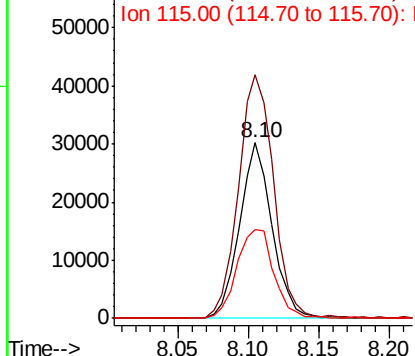
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :
IDW-GW800-091119RE

Tot Ion:152 Resp: 48501
Ion Ratio Lower Upper
152 100
150 138.9 118.9 178.3
115 50.8 47.4 71.2



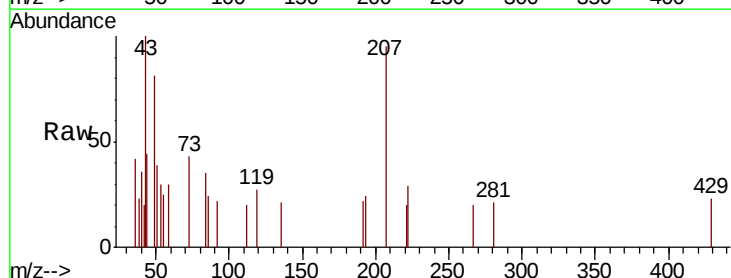
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



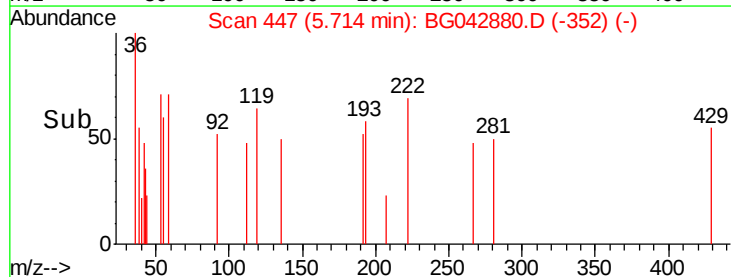
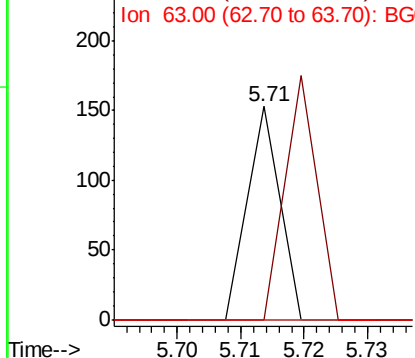
#5

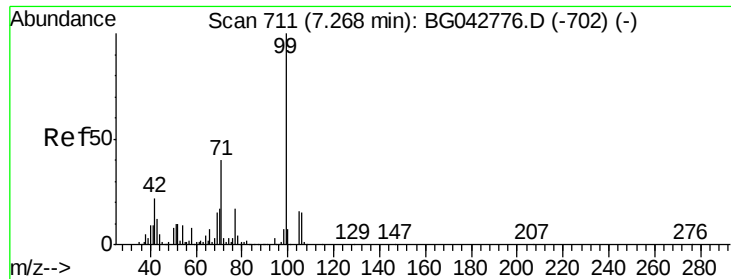
2-Fluorophenol
Concen: 0.019 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.03 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:112 Resp: 54
Ion Ratio Lower Upper
112 100
64 0.0 60.2 90.2#
63 0.0 31.2 46.8#



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: 0.261 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.03 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119RE

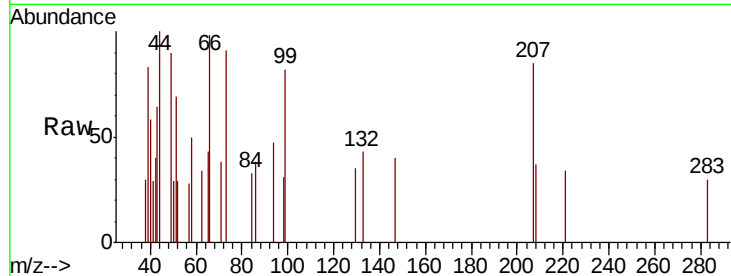
Tot Ion: 99 Resp: 1046

Ion Ratio Lower Upper

99 100

42 48.5 17.5 26.3#

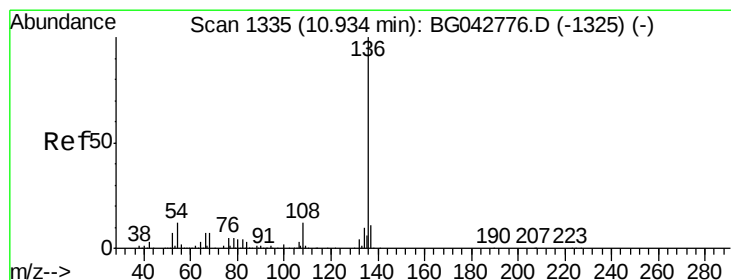
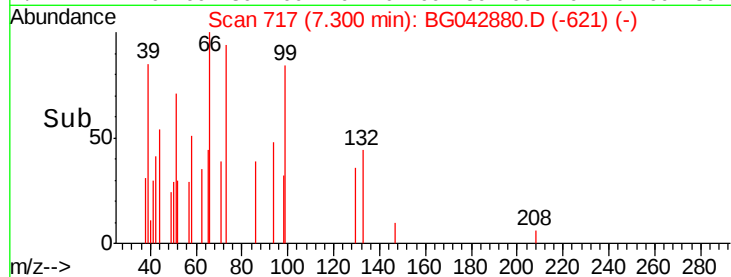
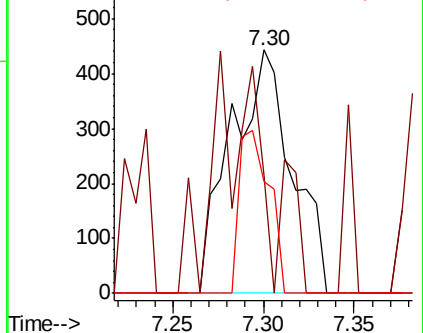
71 45.8 32.0 48.0



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: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

Tgt Ion: 136 Resp: 187913

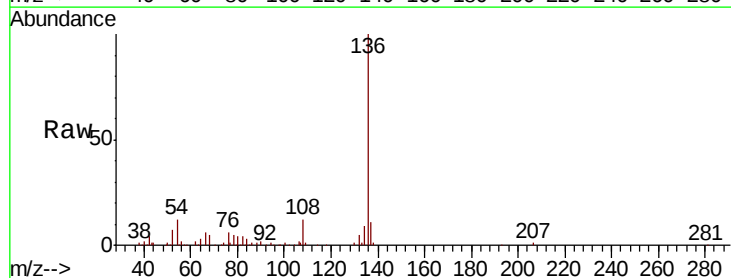
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 12.5 9.4 14.0

68 5.2 5.4 8.2#

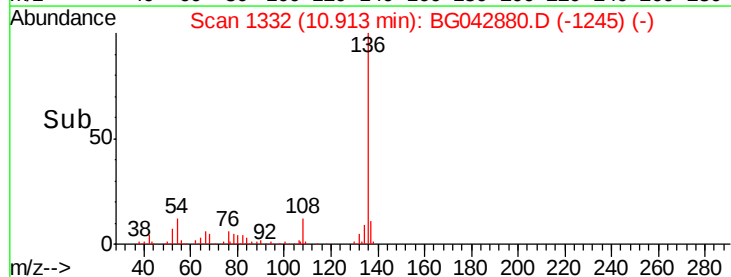
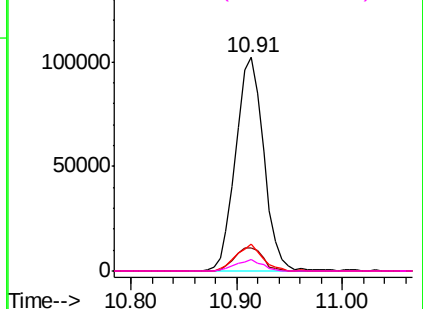


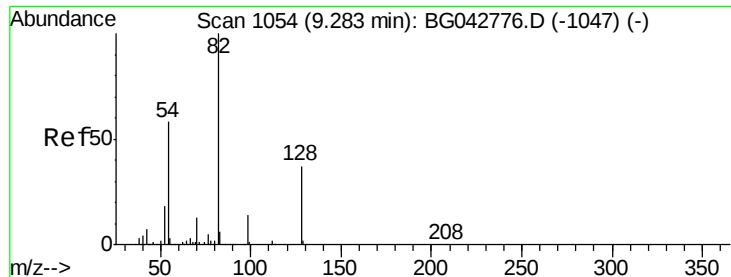
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

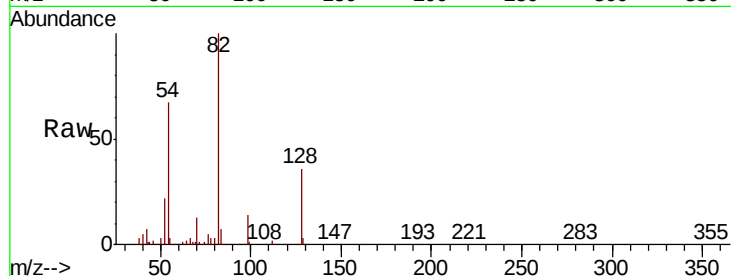




#23
Nitrobenzene-d5
Concen: 59.259 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :
IDW-GW800-091119RE

Tot Ion	82	Resp	213887
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.8
54	66.5	46.1	69.1

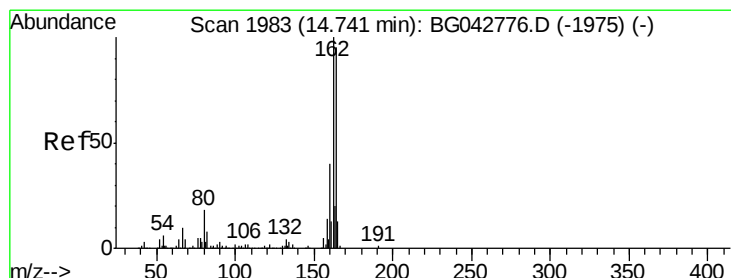
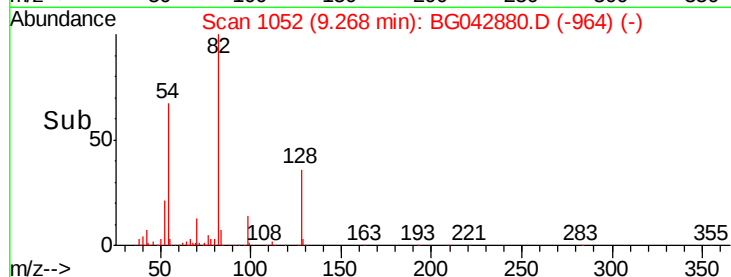
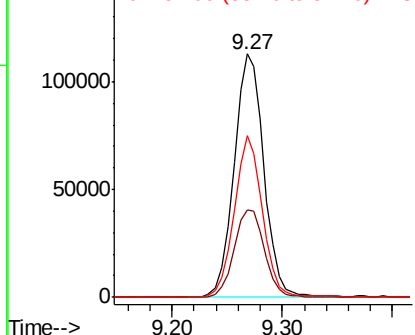


Abundance

Ion 82.00 (81.70 to 82.70): BGC

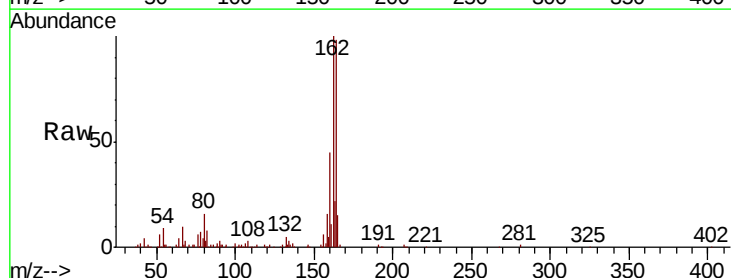
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion	164	Resp	145589
Ion Ratio	Lower	Upper	
164	100		
162	102.5	84.6	126.8
160	45.7	34.2	51.2

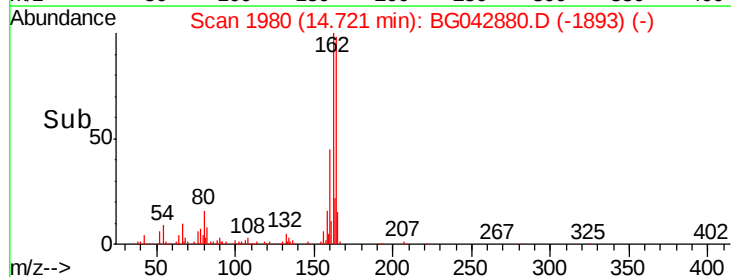
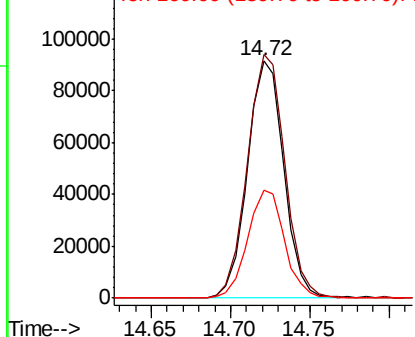


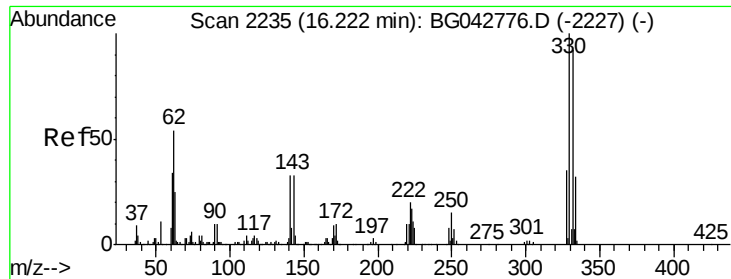
Abundance

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

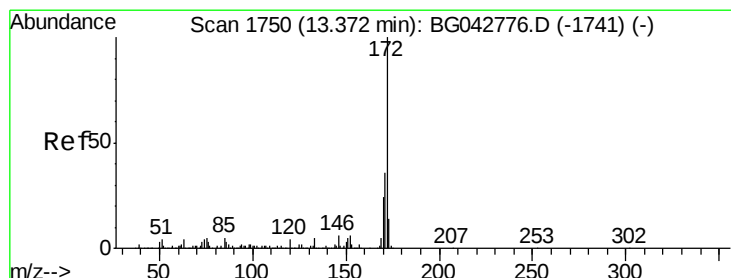
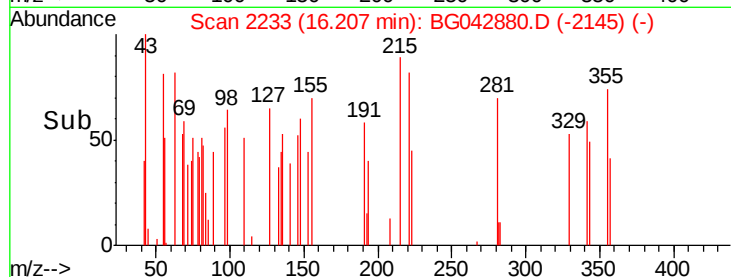
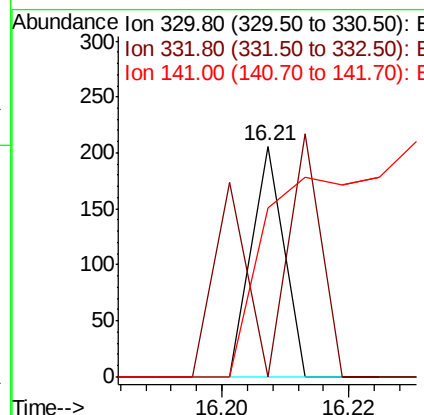
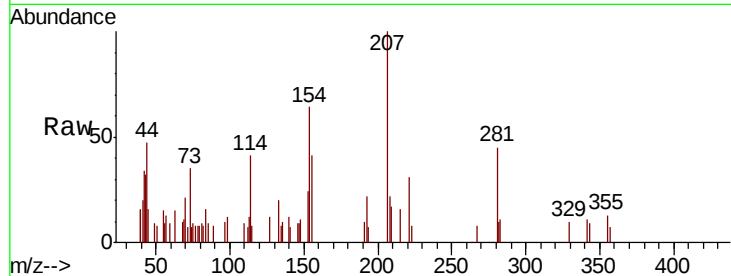




#42
 2,4,6-Tribromophenol
 Concen: 0.038 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG042880.D
 Acq: 17 Sep 2019 23:13

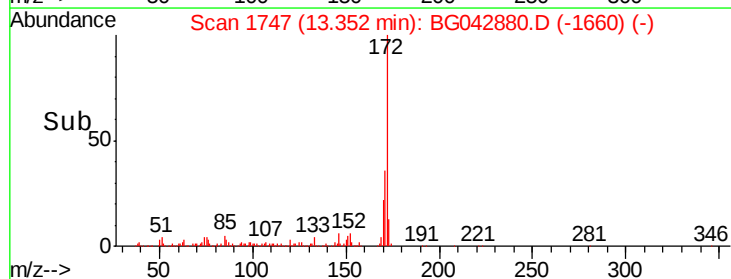
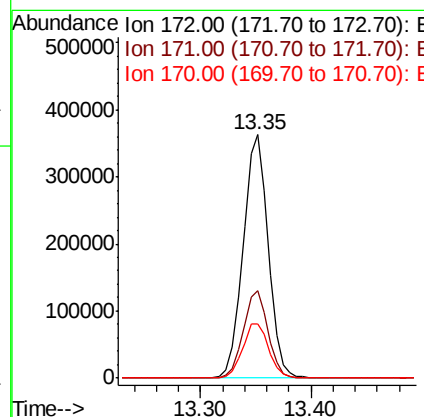
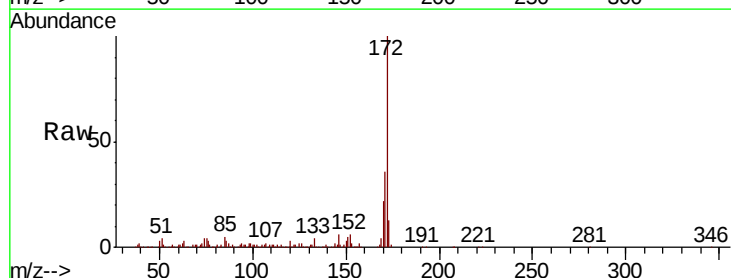
Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW800-091119RE

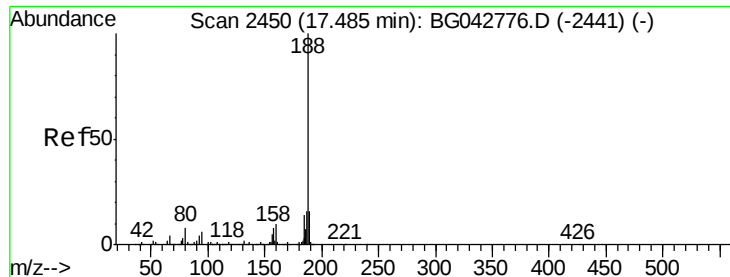
Tot Ion:330 Resp: 73
 Ion Ratio Lower Upper
 330 100
 332 83.6 76.7 115.1
 141 0.0 27.0 40.6#



#45
 2-Fluorobiphenyl
 Concen: 62.859 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042880.D
 Acq: 17 Sep 2019 23:13

Tgt Ion:172 Resp: 578138
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 22.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119RE

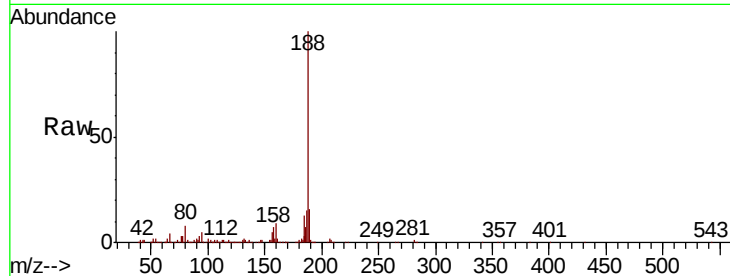
Tot Ion:188 Resp: 356244

Ion Ratio Lower Upper

188 100

94 5.4 4.8 7.2

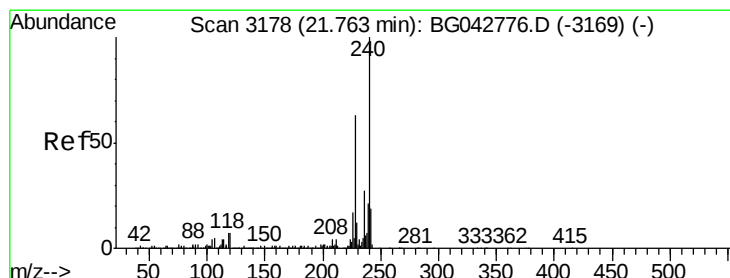
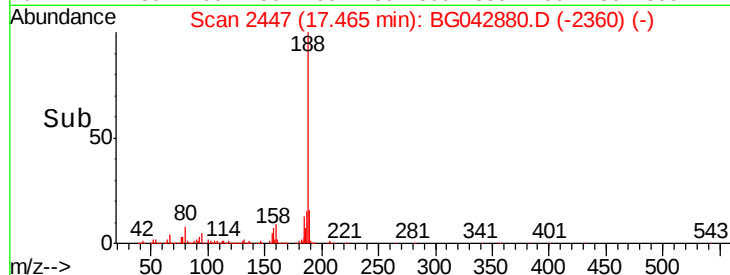
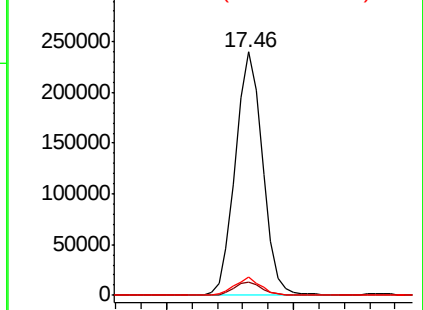
80 7.7 6.6 9.8



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: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

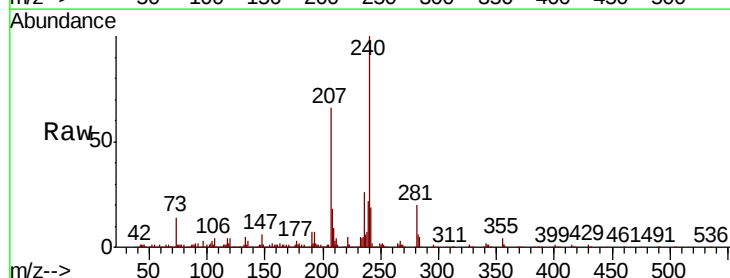
Tgt Ion:240 Resp: 314535

Ion Ratio Lower Upper

240 100

120 4.4 5.4 8.2#

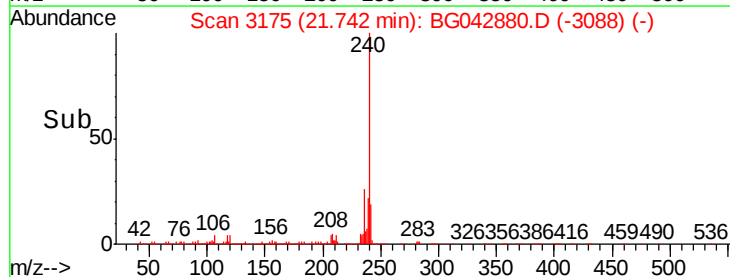
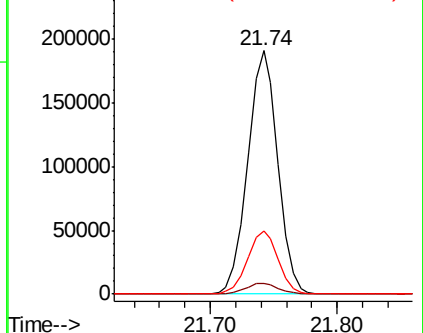
236 25.8 21.7 32.5

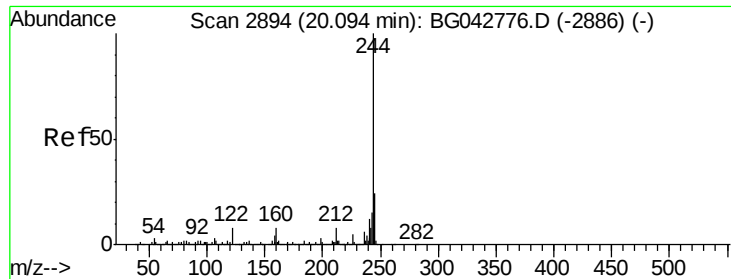


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.571 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119RE

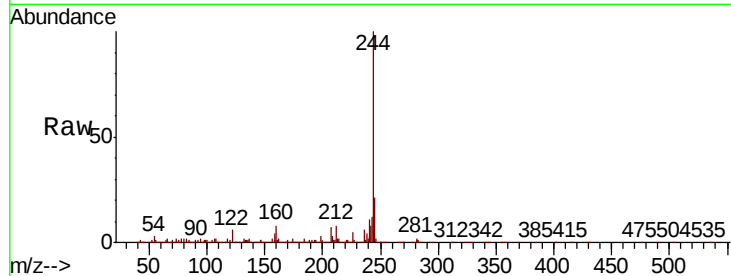
Tot Ion:244 Resp: 958969

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

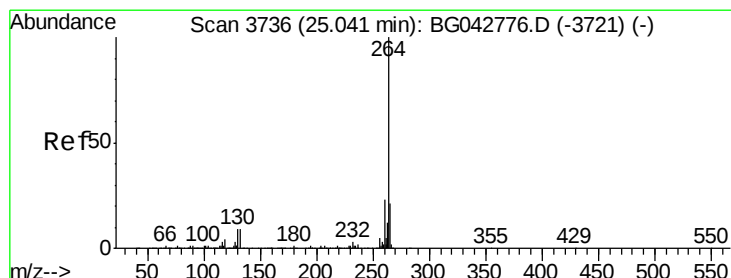
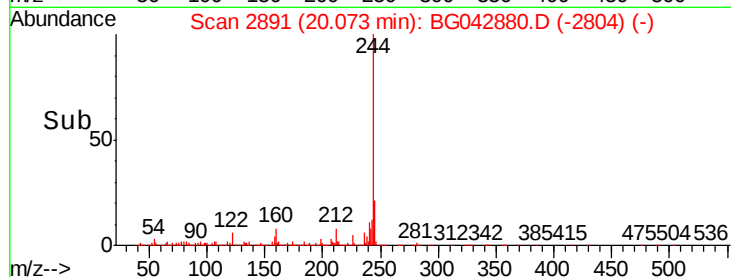
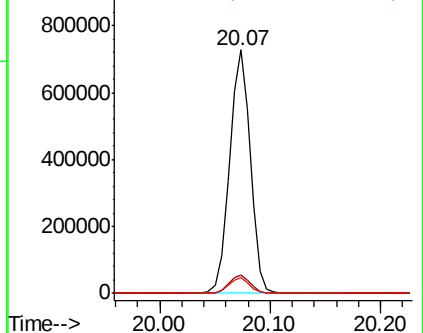
122 6.2 6.2 9.4#



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: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG042880.D

Acq: 17 Sep 2019 23:13

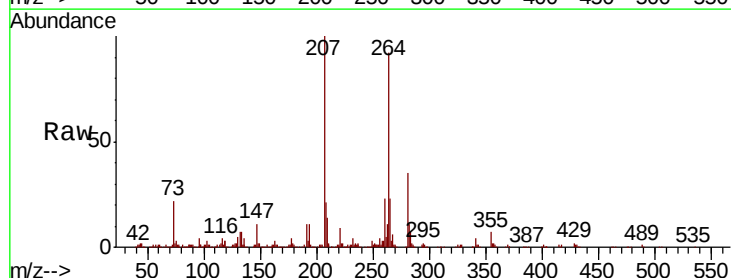
Tgt Ion:264 Resp: 325662

Ion Ratio Lower Upper

264 100

260 25.5 18.2 27.2

265 25.1 16.9 25.3



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

