

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042879.D
 Acq On : 17 Sep 2019 22:34
 Operator : HP/JU
 Sample : K4859-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW507-K-091119

Quant Time: Sep 18 02:24:41 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

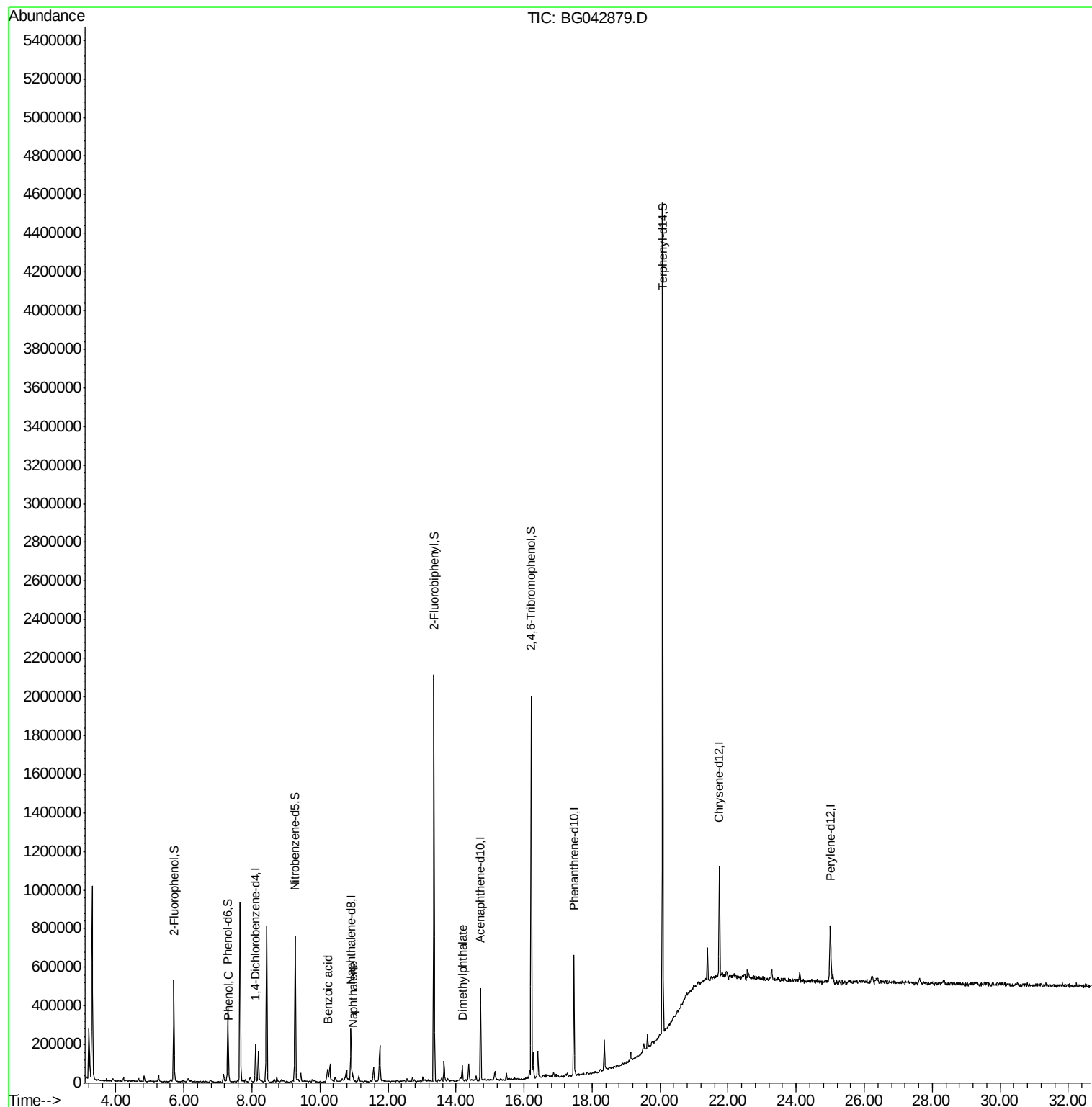
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52331	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	205246	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	161167	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	395284	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	352379	20.00	ng	-0.02
87) Perylene-d12	25.01	264	343246	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	202148	67.16	ng	0.02
7) Phenol-d6	7.29	99	198103	45.85	ng	0.02
23) Nitrobenzene-d5	9.27	82	439262	111.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	390648	182.19	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1083435	106.41	ng	-0.02
79) Terphenyl-d14	20.08	244	1889584	118.84	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	12849	2.900	ng	90
31) Naphthalene	10.96	128	34318	3.387	ng	97
32) Benzoic acid	10.23	122	29150	16.930	ng	92
50) Dimethylphthalate	14.18	163	51182	4.239	ng	99

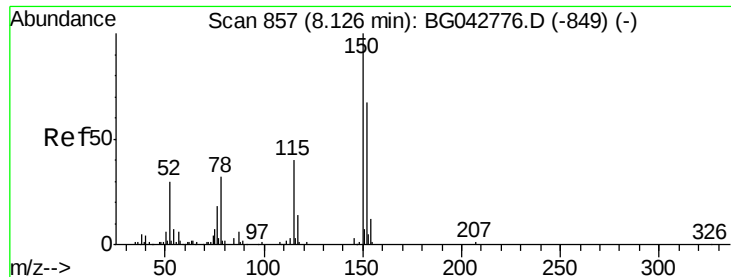
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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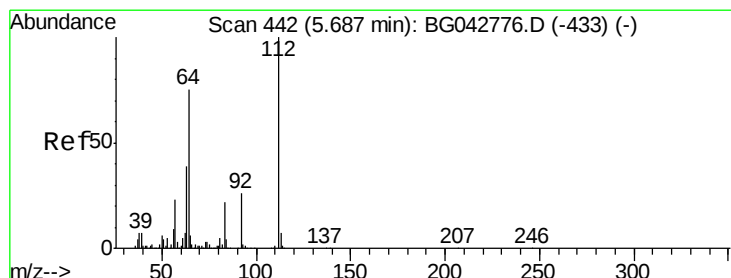
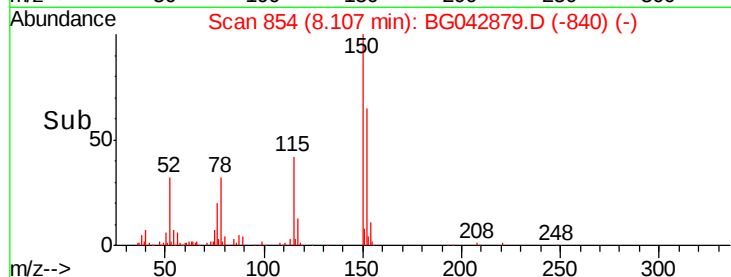
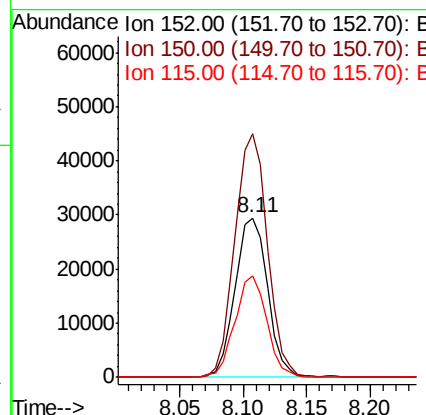
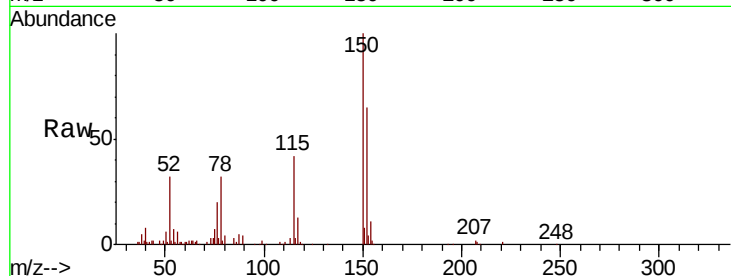


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Instrument :
BNA_G
ClientSampleId :
IDW-GW507-K-091119

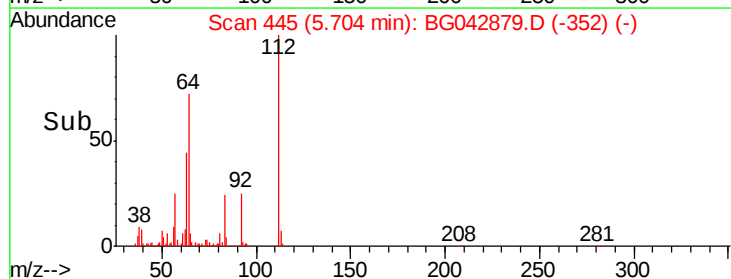
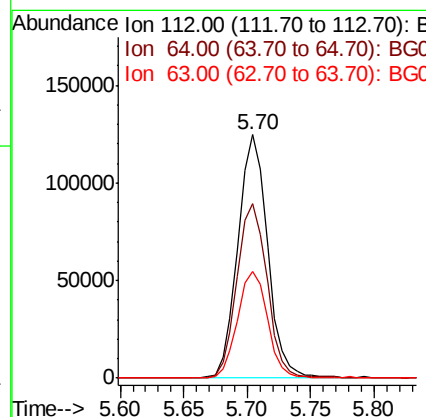
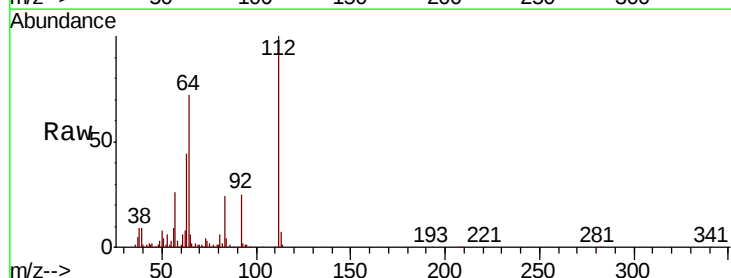
Tot Ion:152 Resp: 52331
Ion Ratio Lower Upper
152 100
150 152.7 118.9 178.3
115 63.5 47.4 71.2

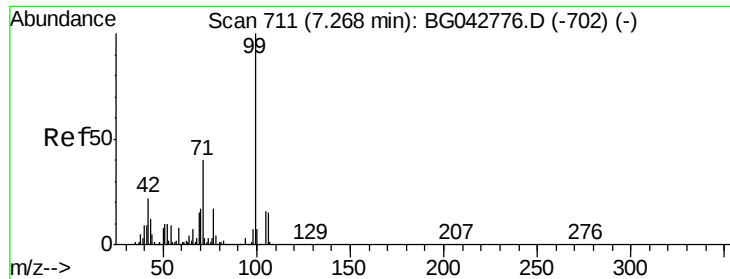


#5

2-Fluorophenol
Concen: 67.158 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.02 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Tgt Ion:112 Resp: 202148
Ion Ratio Lower Upper
112 100
64 71.9 60.2 90.2
63 43.7 31.2 46.8





#7

Phenol-d6

Concen: 45.853 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

Instrument :

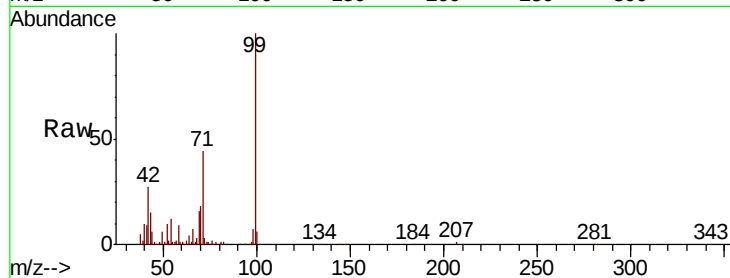
BNA_G

ClientSampleId :

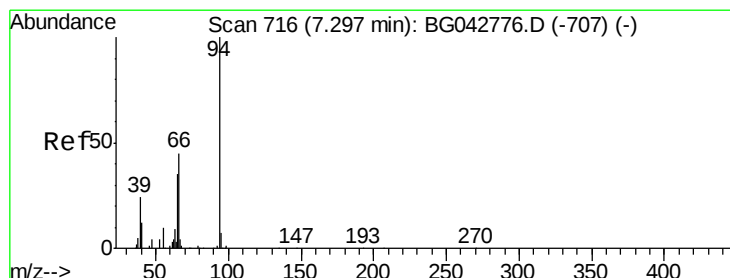
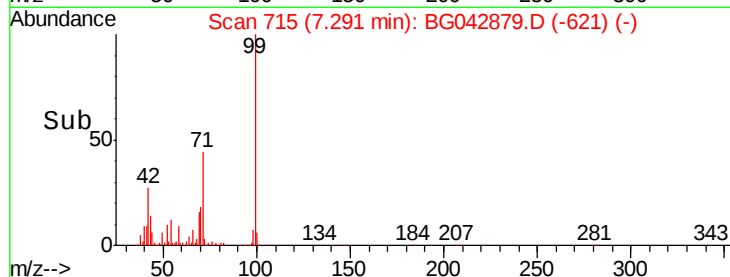
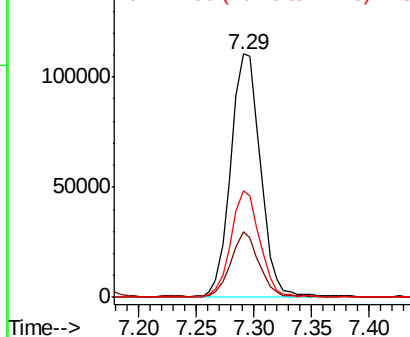
IDW-GW507-K-091119

Tot Ion: 99 Resp: 198103

Ion	Ratio	Lower	Upper
99	100		
42	26.9	17.5	26.3#
71	43.7	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



#10

Phenol

Concen: 2.900 ng

RT: 7.32 min Scan# 720

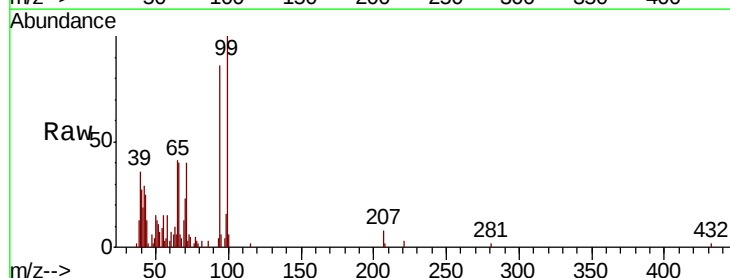
Delta R.T. 0.02 min

Lab File: BG042879.D

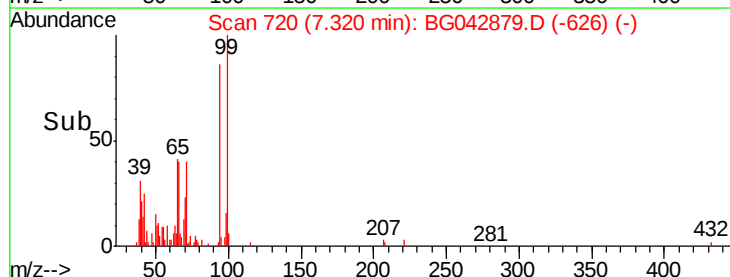
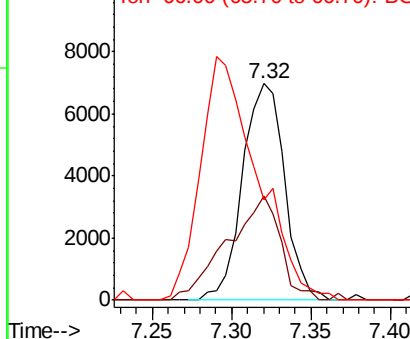
Acq: 17 Sep 2019 22:34

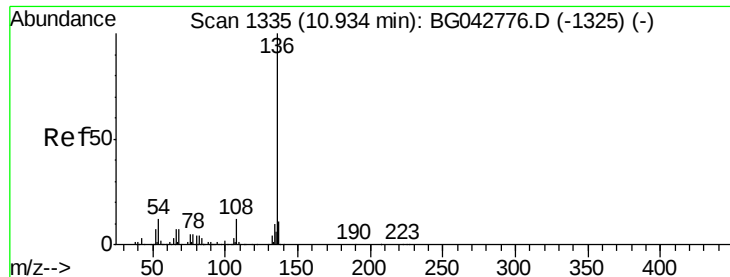
Tgt Ion: 94 Resp: 12849

Ion	Ratio	Lower	Upper
94	100		
65	48.0	15.0	55.0
66	46.6	26.1	66.1



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

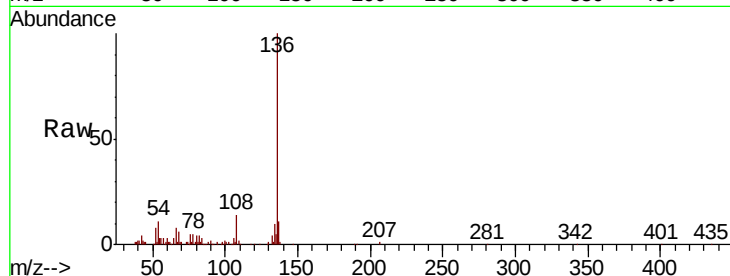




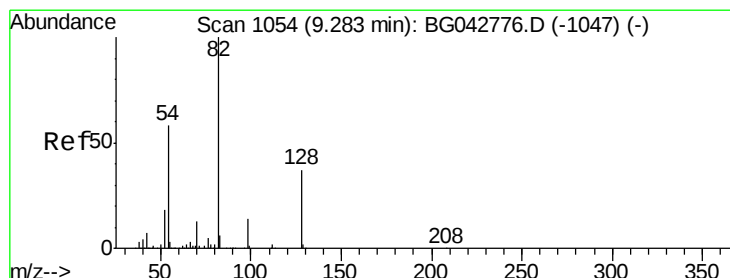
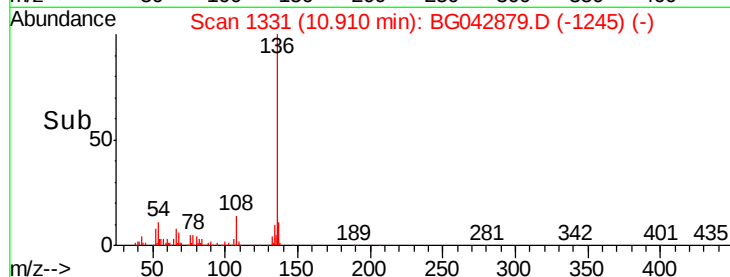
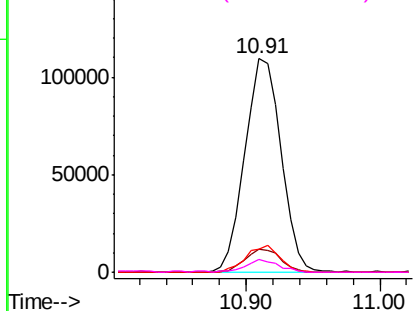
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Instrument :
BNA_G
ClientSampleId :
IDW-GW507-K-091119

Tot Ion:136	Resp:	205246
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.0 13.6
54	10.8	9.4 14.0
68	5.8	5.4 8.2

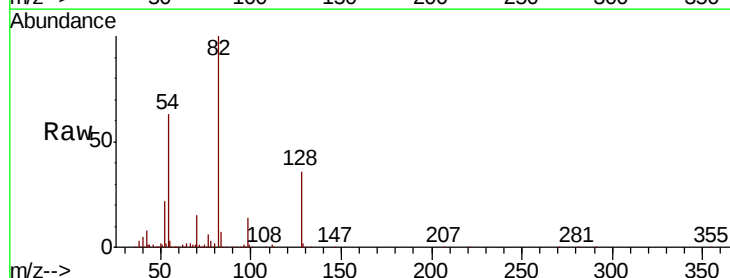


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

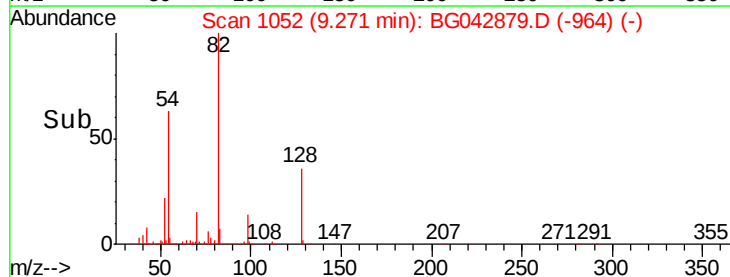
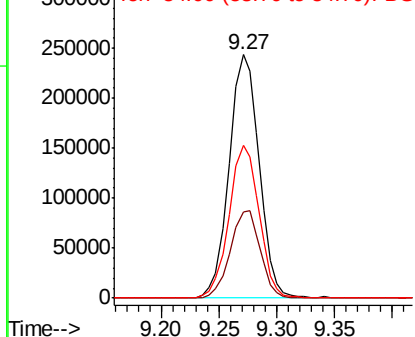


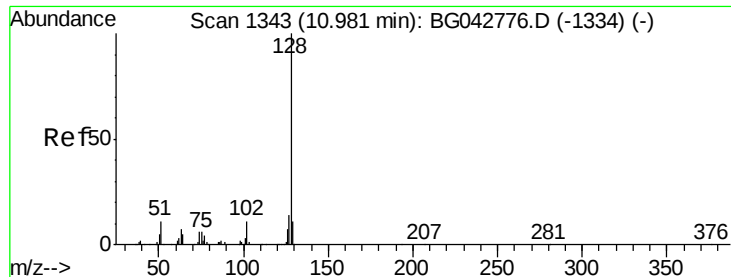
#23
Nitrobenzene-d5
Concen: 111.423 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Tgt Ion: 82	Resp:	439262
Ion	Ratio	Lower Upper
82	100	
128	35.6	29.8 44.8
54	62.6	46.1 69.1



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

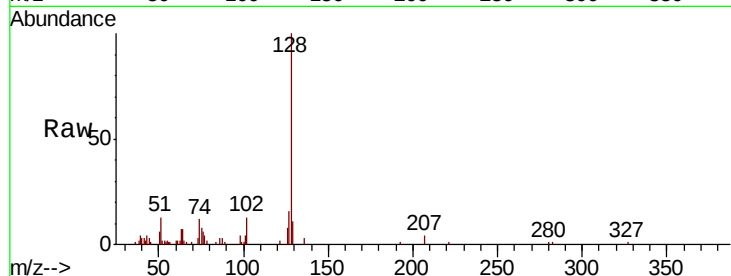




#31
Naphthalene
Concen: 3.387 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Instrument :
BNA_G
ClientSampleId :
IDW-GW507-K-091119

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	16.0	11.4	17.2

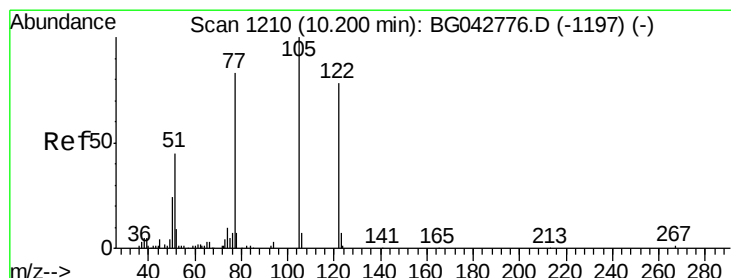
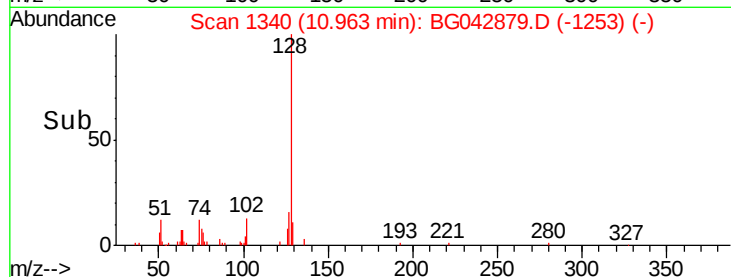
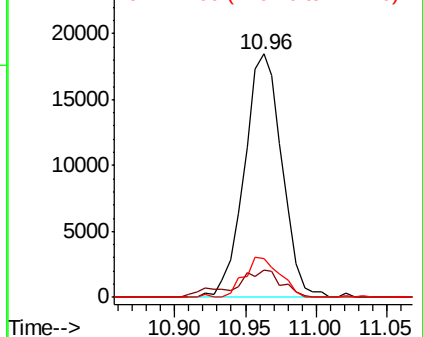


Abundance

Ion 128.00 (127.70 to 128.70): E

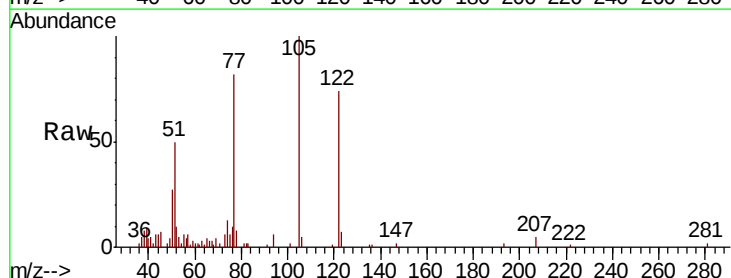
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.930 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG042879.D
Acq: 17 Sep 2019 22:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	104.0	144.0
77	111.0	84.2	124.2

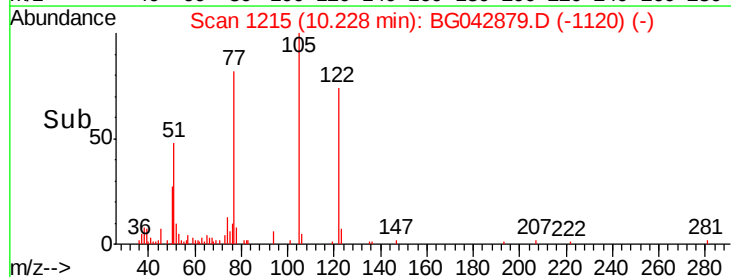
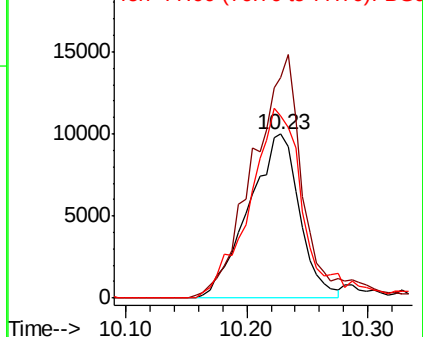


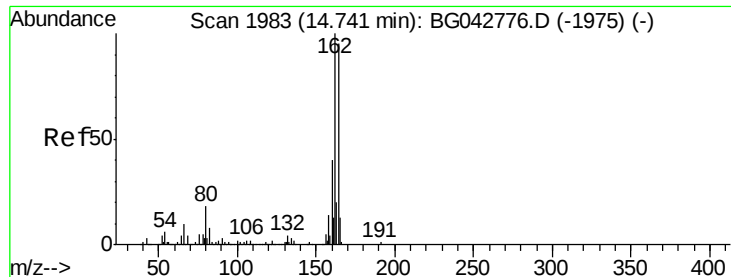
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

Instrument :

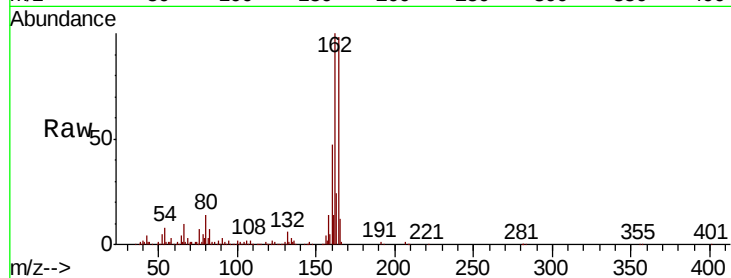
BNA_G

ClientSampleId :

IDW-GW507-K-091119

Tot Ion:164 Resp: 161167

Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.6	126.8
160	47.7	34.2	51.2

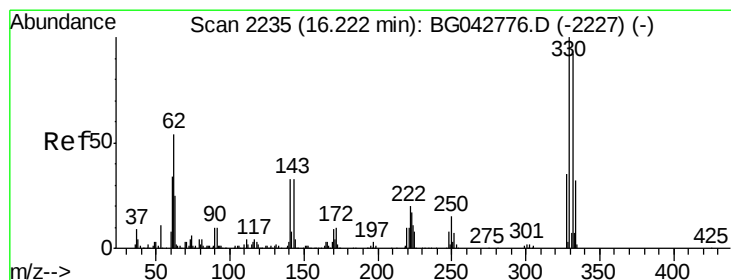
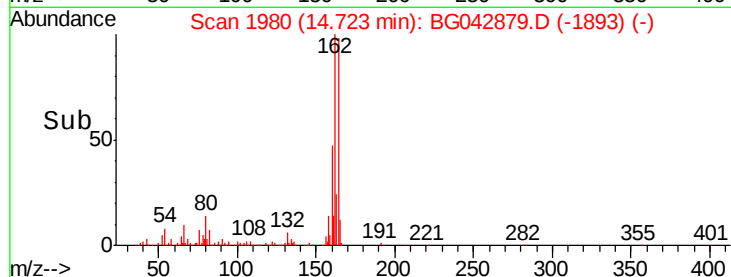
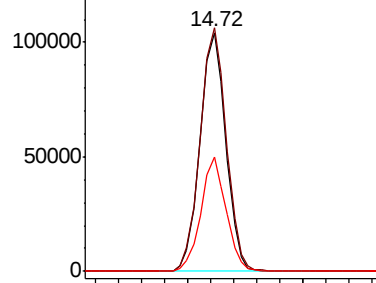


Abundance

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: 182.188 ng

RT: 16.21 min Scan# 2233

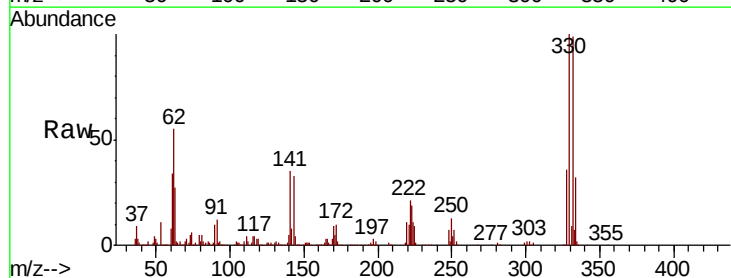
Delta R.T. -0.01 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

Tgt Ion:330 Resp: 390648

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	34.0	27.0	40.6

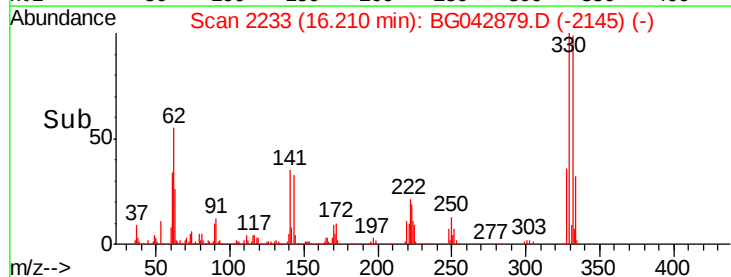
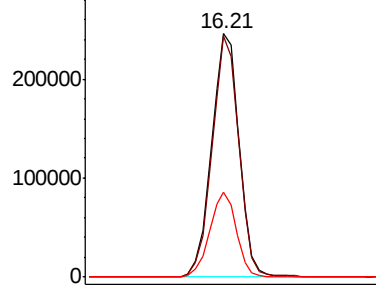


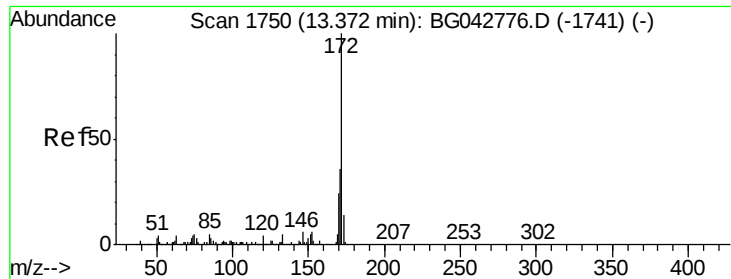
Abundance

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

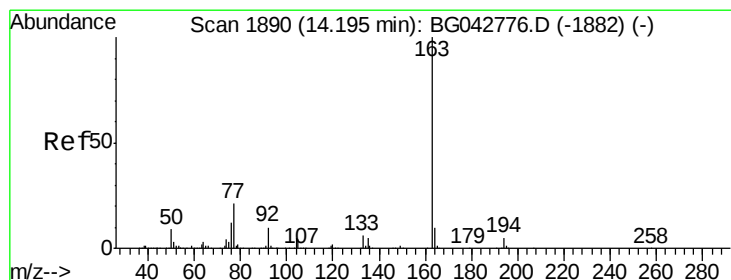
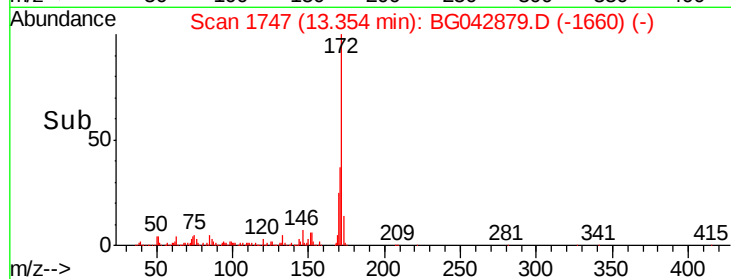
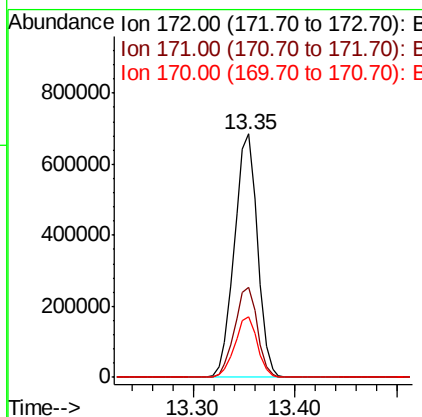
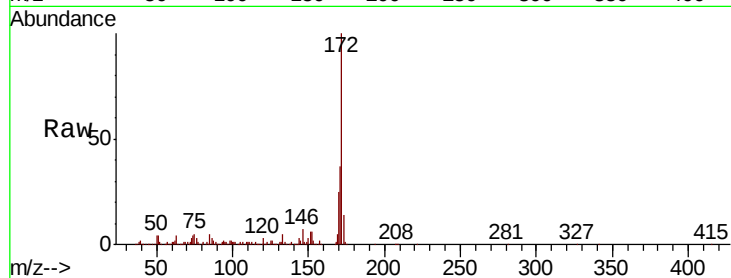




#45
 2-Fluorobiphenyl
 Concen: 106.412 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042879.D
 Acq: 17 Sep 2019 22:34

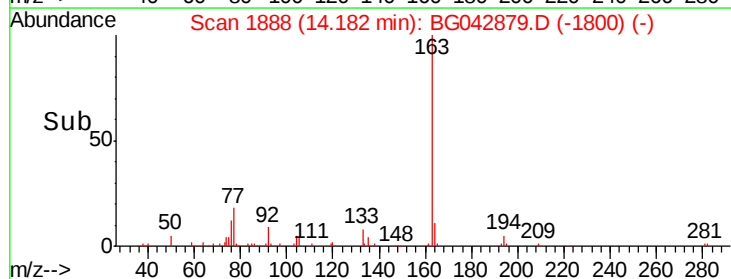
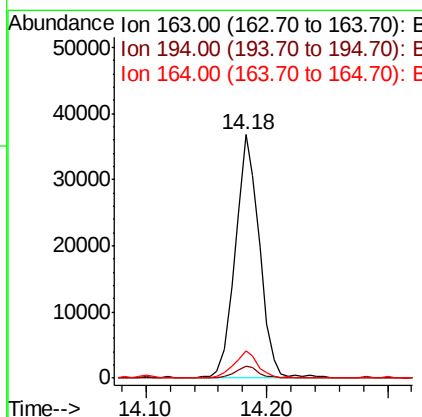
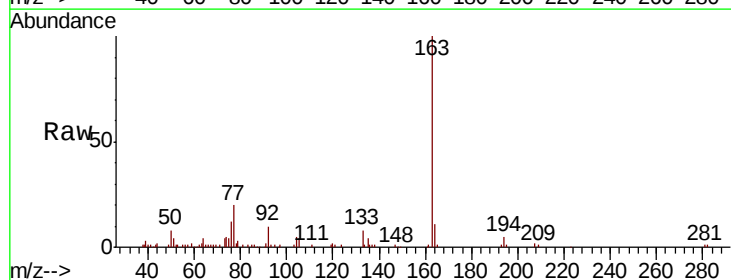
Instrument :
 BNA_G
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 IDW-GW507-K-091119

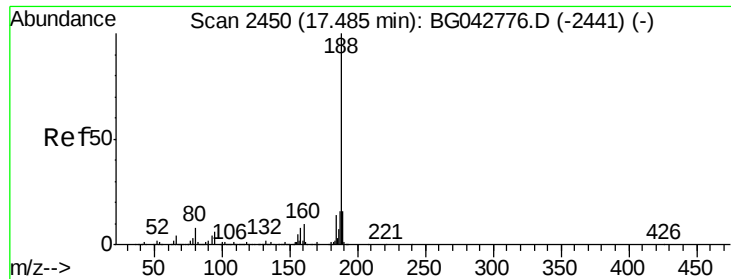
Tot Ion:172 Resp: 1083435
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.7 19.1 28.7



#50
 Dimethylphthalate
 Concen: 4.239 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042879.D
 Acq: 17 Sep 2019 22:34

Tgt Ion:163 Resp: 51182
 Ion Ratio Lower Upper
 163 100
 194 5.0 4.2 6.4
 164 11.0 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

Instrument :

BNA_G

ClientSampleId :

IDW-GW507-K-091119

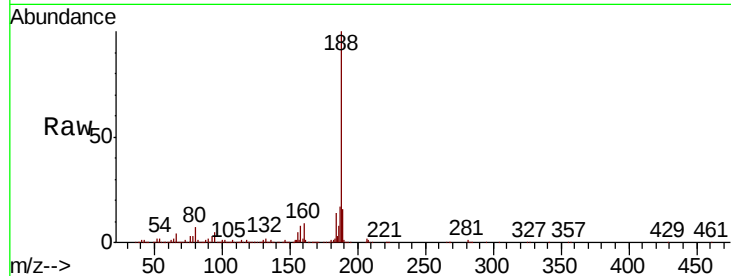
Tot Ion:188 Resp: 395284

Ion Ratio Lower Upper

188 100

94 5.5 4.8 7.2

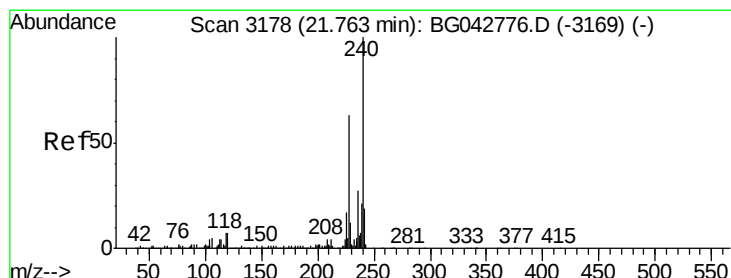
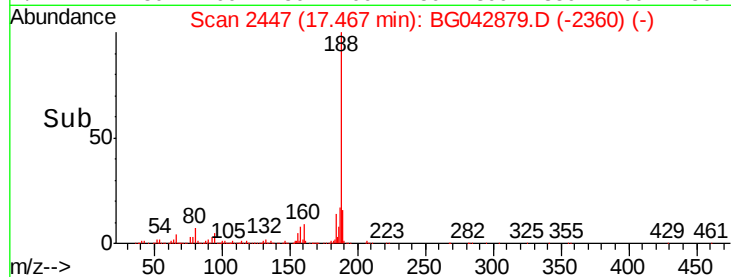
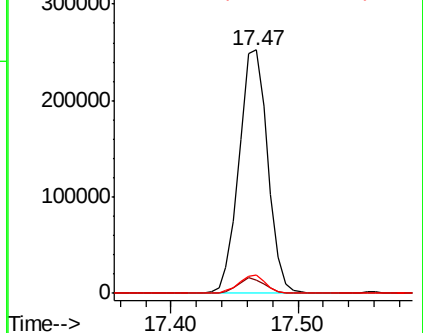
80 7.3 6.6 9.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

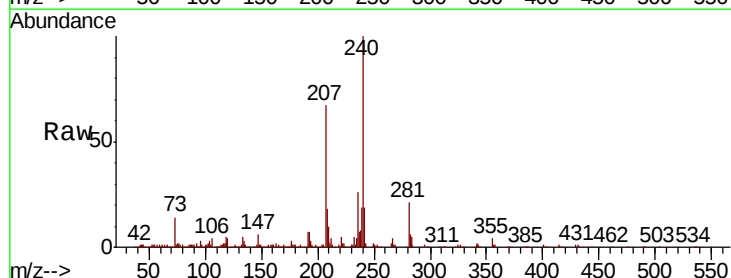
Tgt Ion:240 Resp: 352379

Ion Ratio Lower Upper

240 100

120 3.8 5.4 8.2#

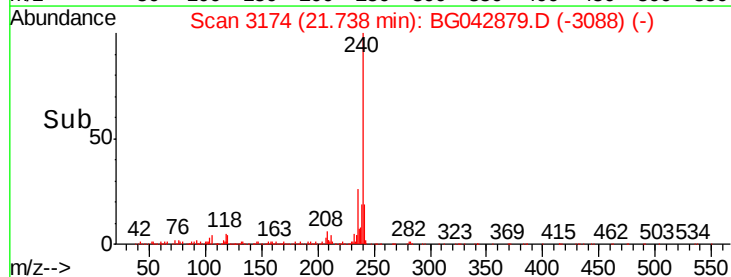
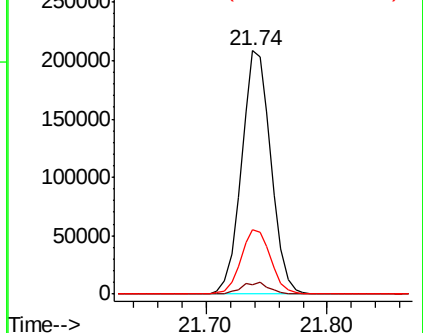
236 26.4 21.7 32.5

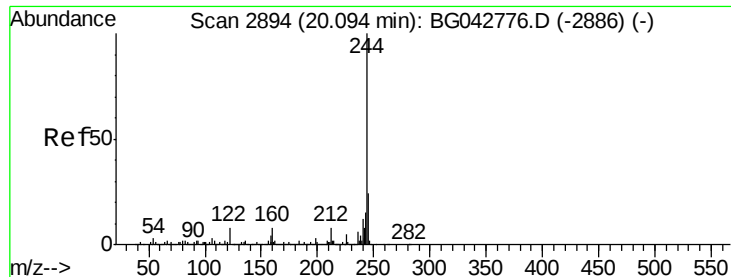


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 118.845 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

Instrument :

BNA_G

ClientSampleId :

IDW-GW507-K-091119

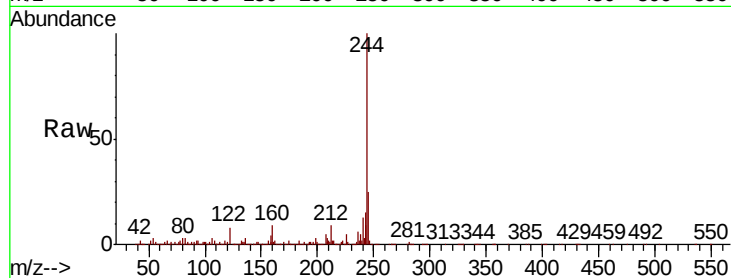
Tot Ion:244 Resp: 1889584

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

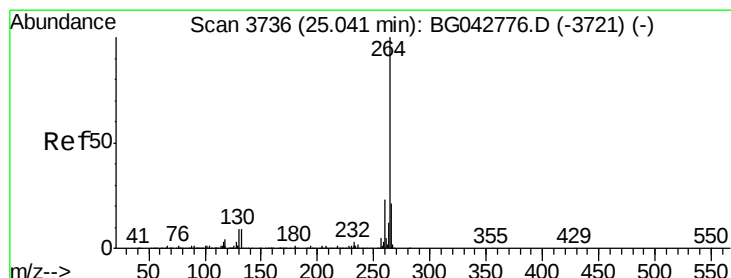
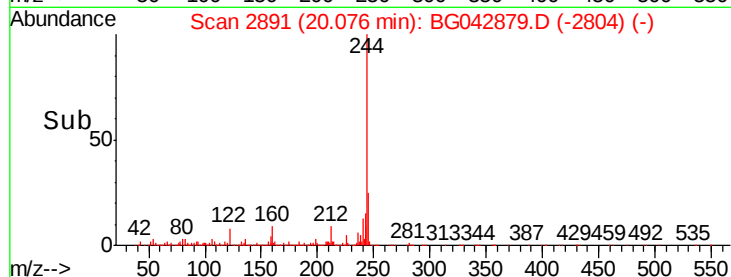
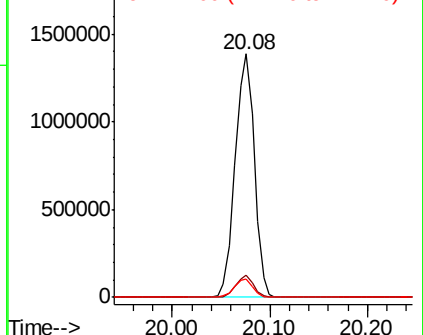
122 7.7 6.2 9.4



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: 25.01 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG042879.D

Acq: 17 Sep 2019 22:34

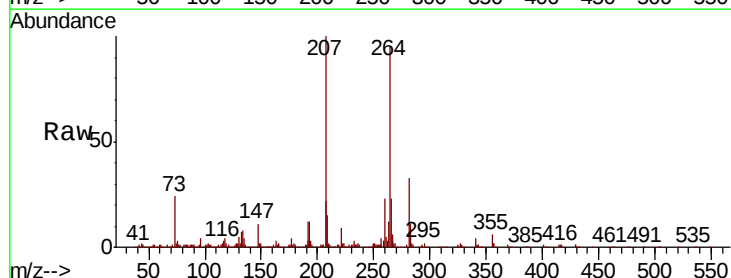
Tgt Ion:264 Resp: 343246

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 24.0 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

