

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042872.D
 Acq On : 17 Sep 2019 18:07
 Operator : HP/JU
 Sample : PB123017BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BL

Quant Time: Sep 18 02:09:36 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	54386	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	209000	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	157760	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	390387	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	325326	20.00	ng	-0.01
87) Perylene-d12	25.02	264	343755	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	382212	122.18	ng	0.03
7) Phenol-d6	7.31	99	571783	127.34	ng	0.04
23) Nitrobenzene-d5	9.28	82	375573	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	335945	160.06	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	958542	96.18	ng	-0.01
79) Terphenyl-d14	20.08	244	1705648	116.20	ng	-0.01

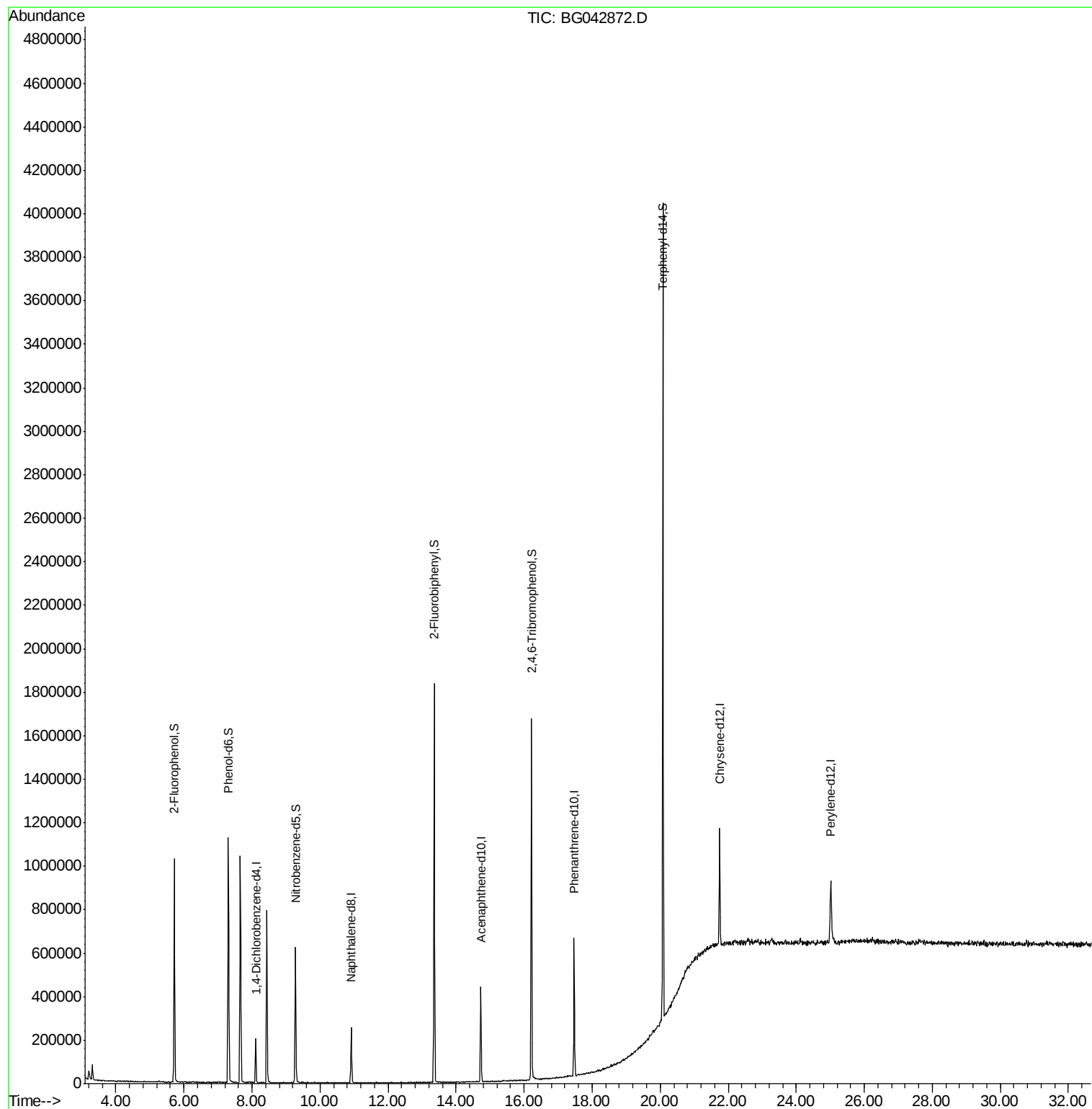
Target Compounds Qvalue

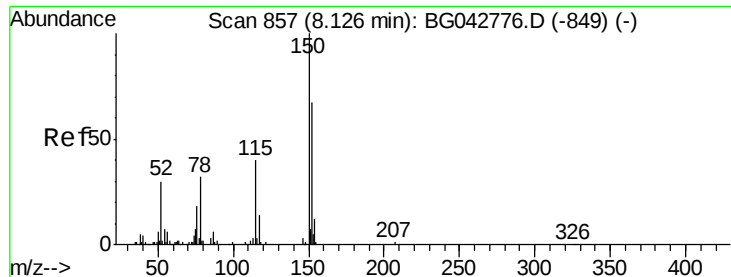
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042872.D
Acq On : 17 Sep 2019 18:07
Operator : HP/JU
Sample : PB123017BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123017BL

Quant Time: Sep 18 02:09:36 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



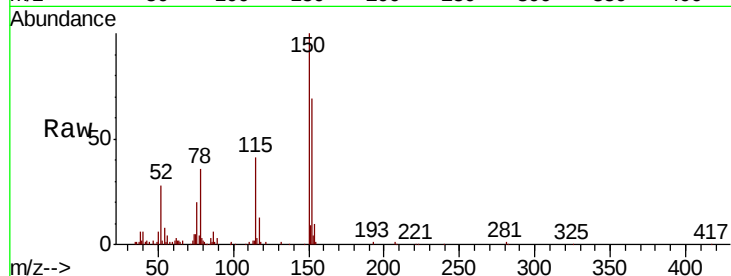


#1

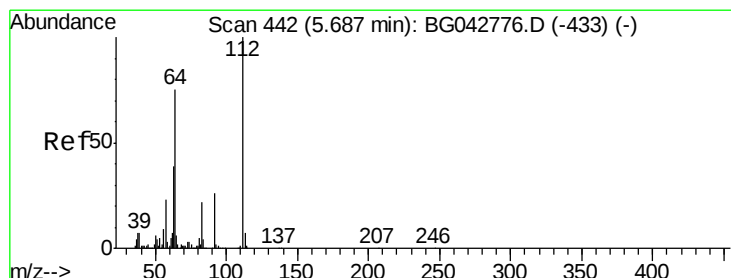
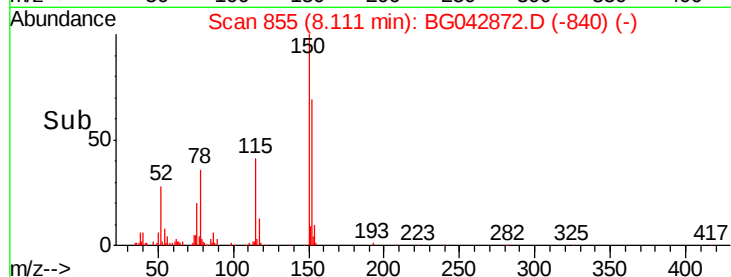
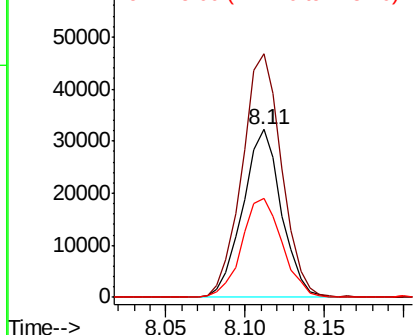
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042872.D
Acq: 17 Sep 2019 18:07

Instrument :
BNA_G
ClientSampleId :
PB123017BL

Tot Ion:152 Resp: 54386
Ion Ratio Lower Upper
152 100
150 145.3 118.9 178.3
115 59.3 47.4 71.2



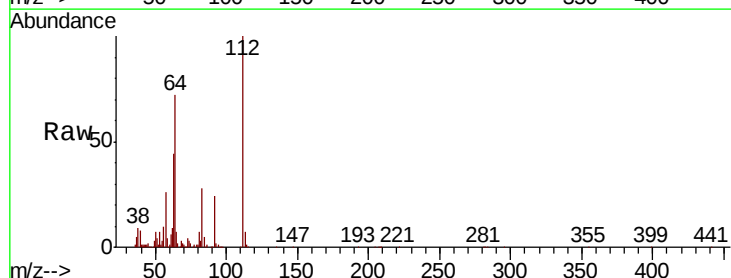
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



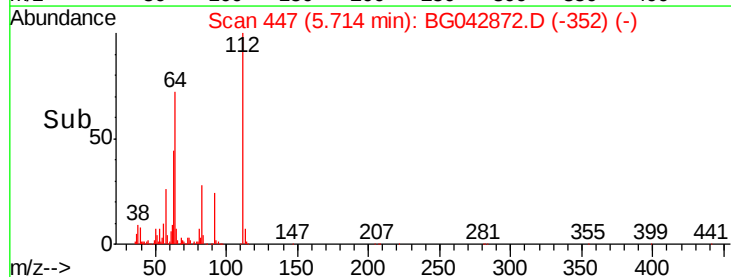
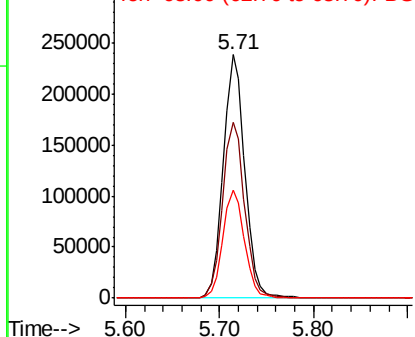
#5

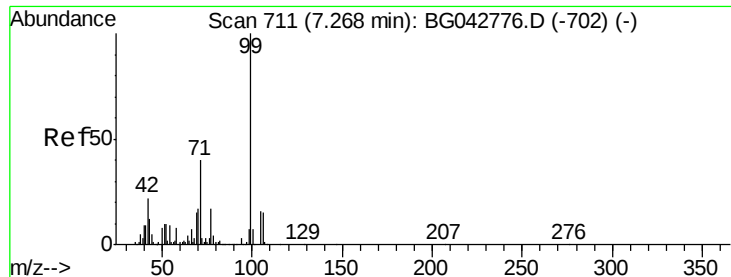
2-Fluorophenol
Concen: 122.181 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.03 min
Lab File: BG042872.D
Acq: 17 Sep 2019 18:07

Tgt Ion:112 Resp: 382212
Ion Ratio Lower Upper
112 100
64 72.4 60.2 90.2
63 44.3 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: 127.343 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

PB123017BL

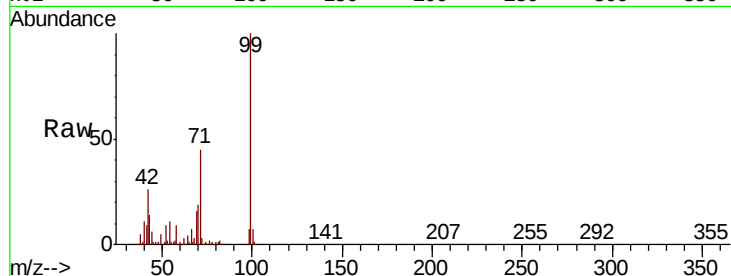
Tot Ion: 99 Resp: 571783

Ion Ratio Lower Upper

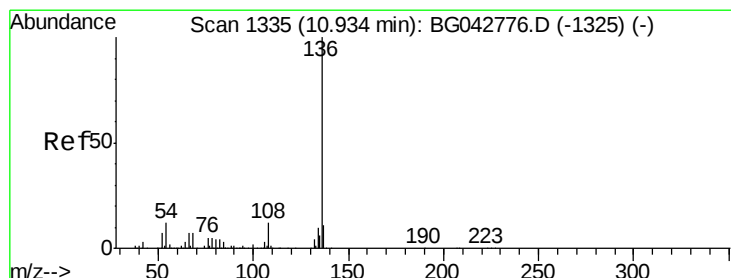
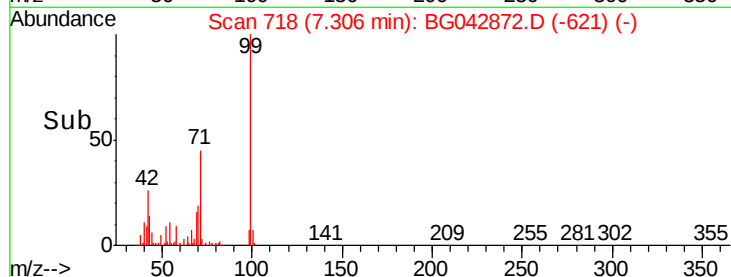
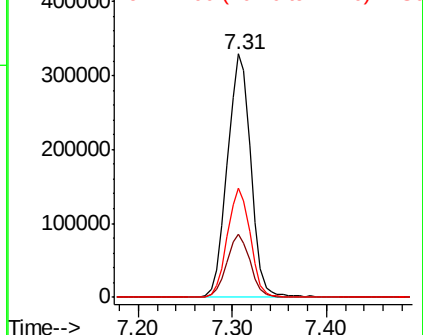
99 100

42 26.1 17.5 26.3

71 44.6 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: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

Tgt Ion: 136 Resp: 209000

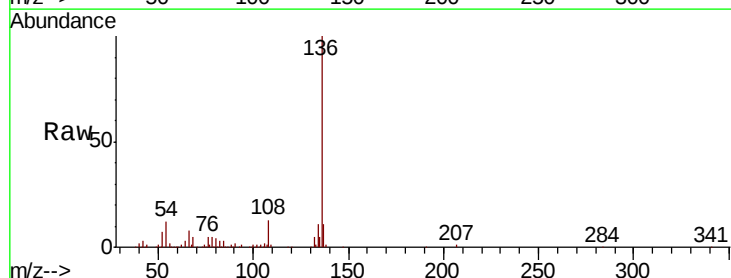
Ion Ratio Lower Upper

136 100

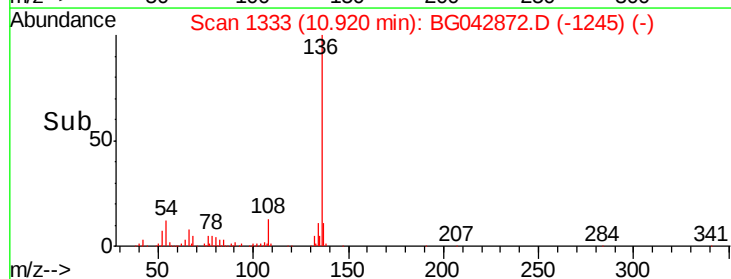
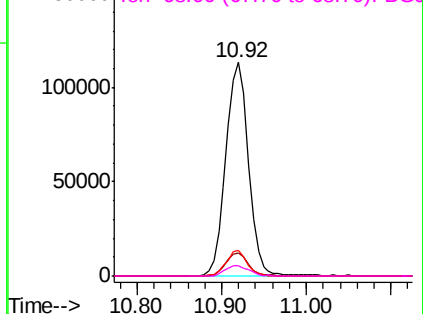
137 11.1 9.0 13.6

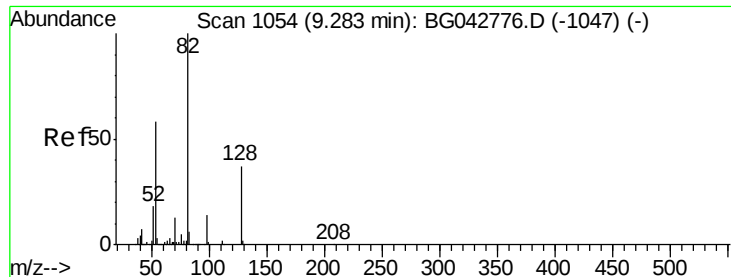
54 11.8 9.4 14.0

68 4.7 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

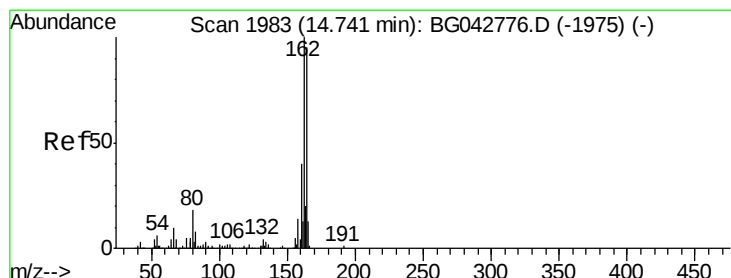
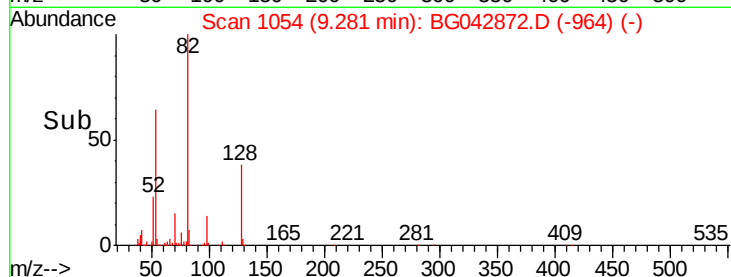
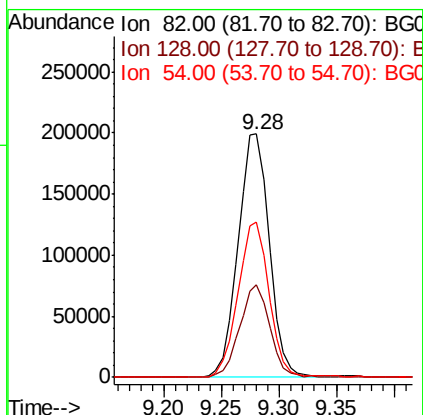
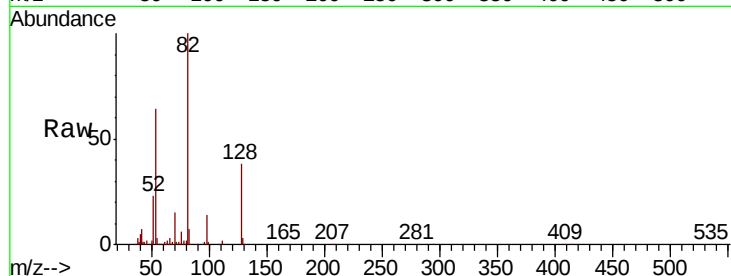




#23
 Nitrobenzene-d5
 Concen: 93.556 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042872.D
 Acq: 17 Sep 2019 18:07

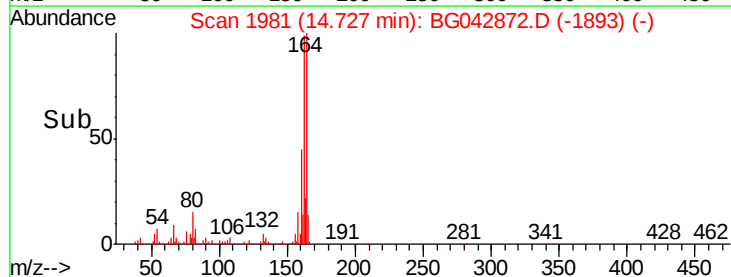
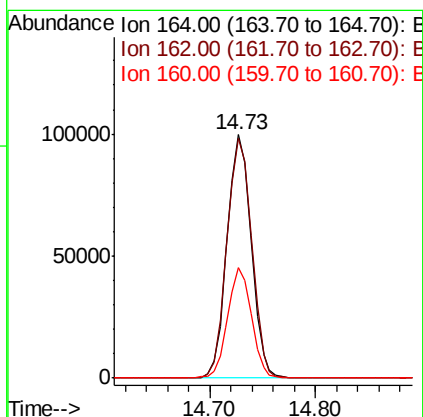
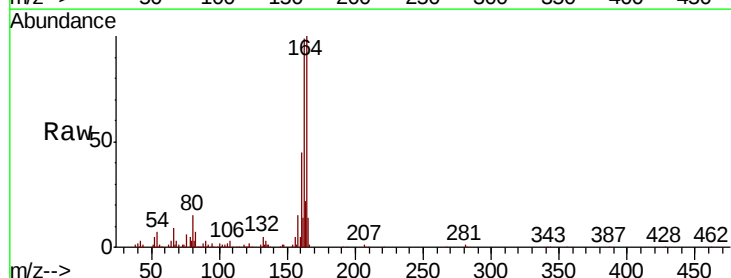
Instrument :
 BNA_G
 ClientSampleId :
 PB123017BL

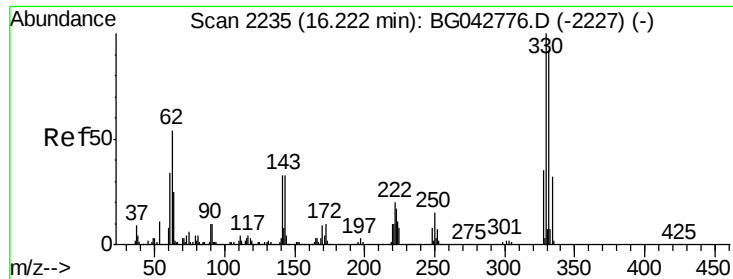
Tot Ion: 82 Resp: 375573
 Ion Ratio Lower Upper
 82 100
 128 38.1 29.8 44.8
 54 63.9 46.1 69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG042872.D
 Acq: 17 Sep 2019 18:07

Tgt Ion: 164 Resp: 157760
 Ion Ratio Lower Upper
 164 100
 162 98.5 84.6 126.8
 160 45.2 34.2 51.2

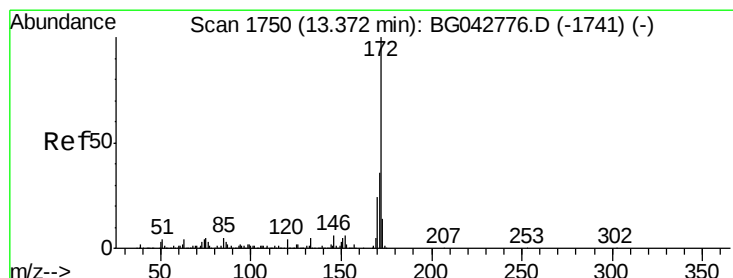
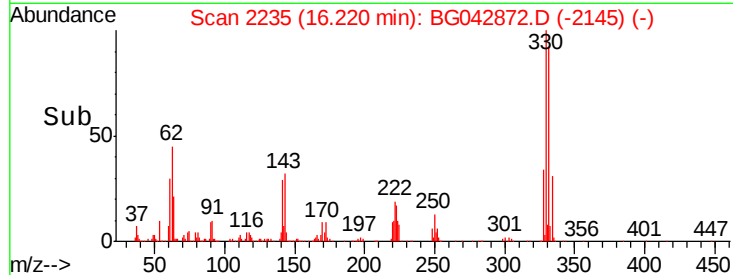
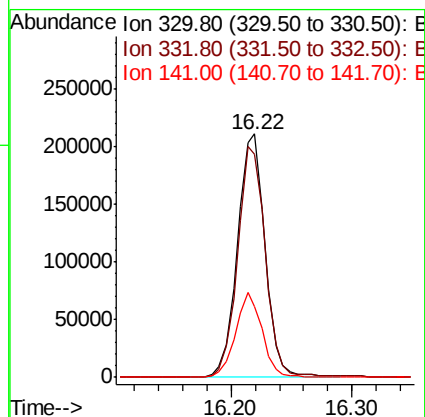
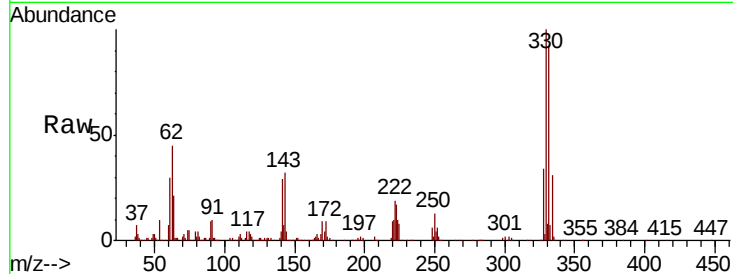




#42
 2,4,6-Tribromophenol
 Concen: 160.060 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042872.D
 Acq: 17 Sep 2019 18:07

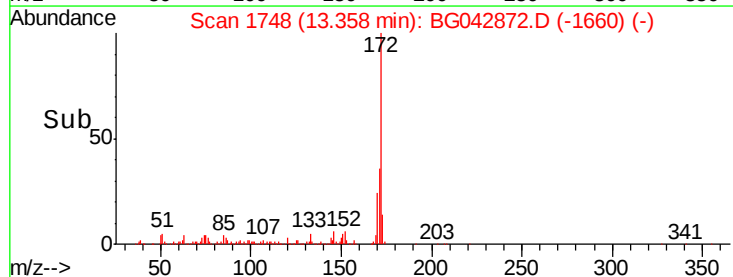
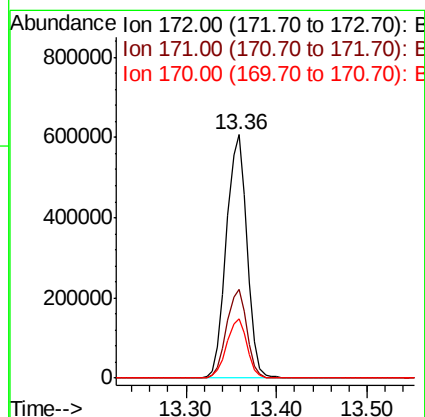
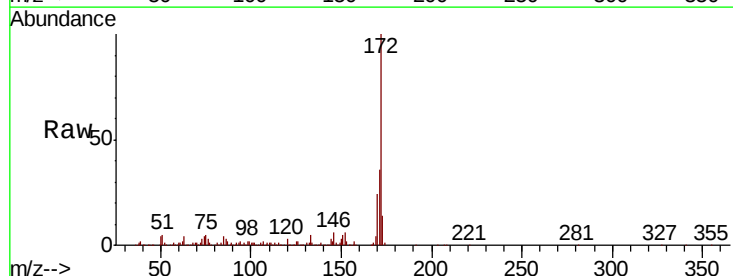
Instrument :
 BNA_G
 ClientSampled :
 PB123017BL

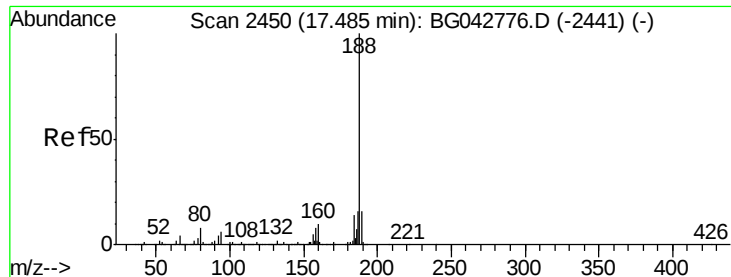
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.7	115.1
141	33.6	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 96.178 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042872.D
 Acq: 17 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.5	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

PB123017BL

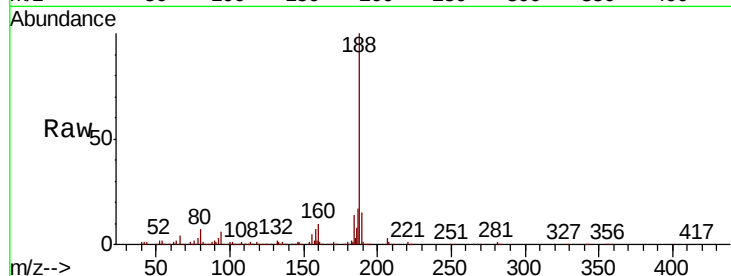
Tot Ion:188 Resp: 390387

Ion Ratio Lower Upper

188 100

94 6.5 4.8 7.2

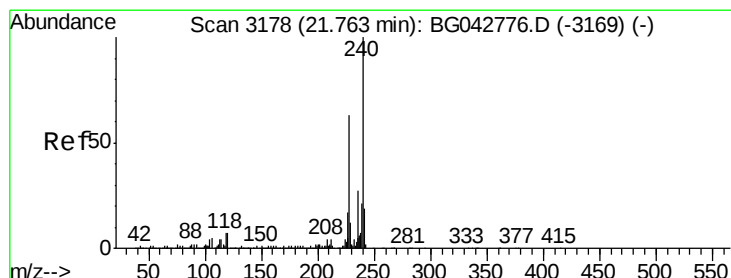
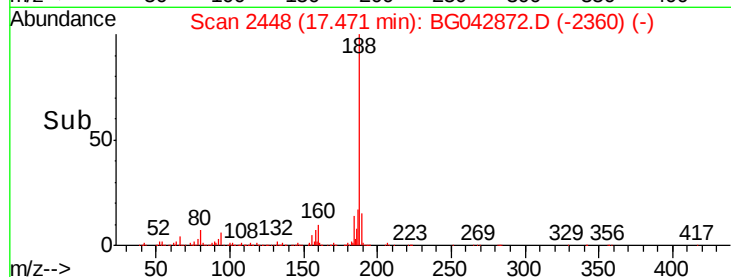
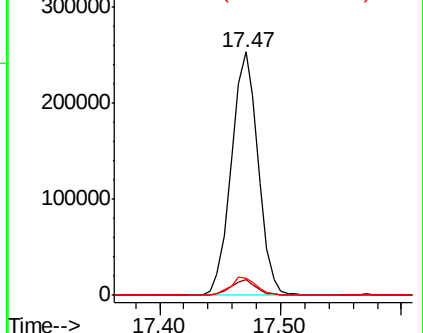
80 7.0 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

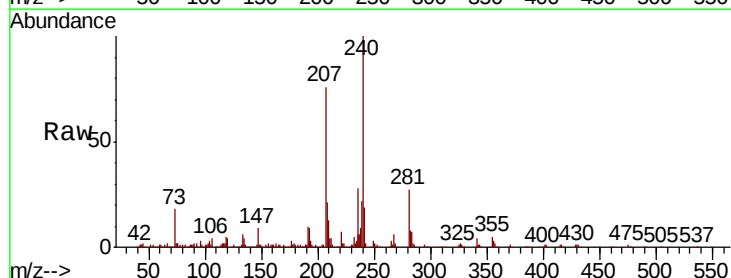
Tgt Ion:240 Resp: 325326

Ion Ratio Lower Upper

240 100

120 4.5 5.4 8.2#

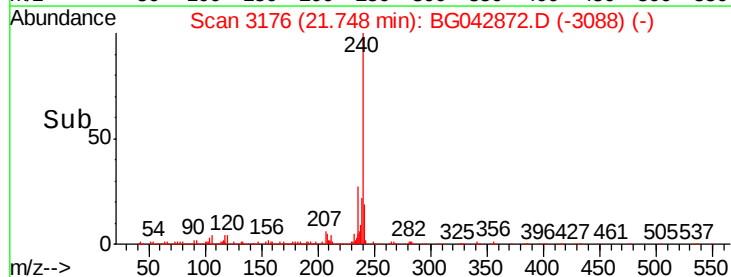
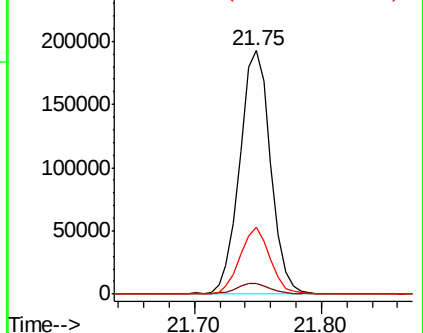
236 27.6 21.7 32.5

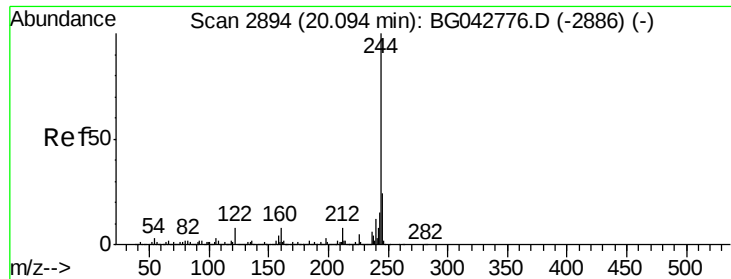


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 116.197 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

PB123017BL

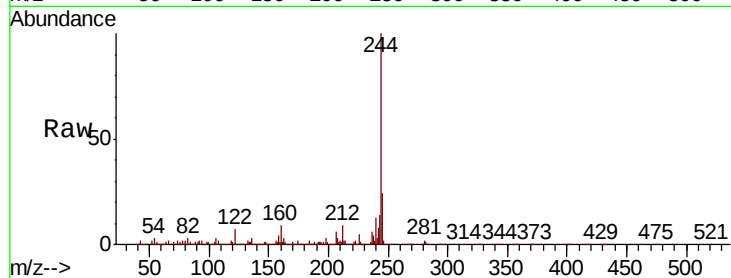
Tot Ion:244 Resp: 1705648

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

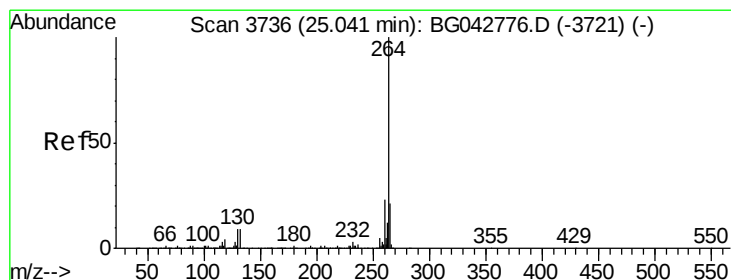
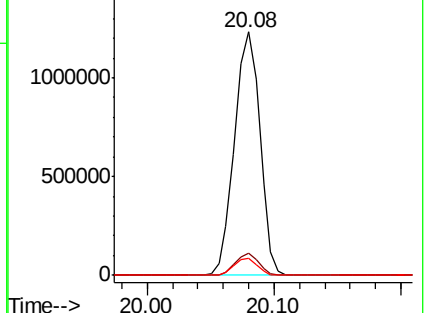
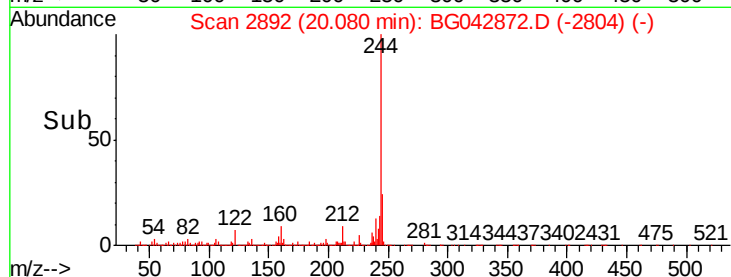
122 7.0 6.2 9.4



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: 25.02 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG042872.D

Acq: 17 Sep 2019 18:07

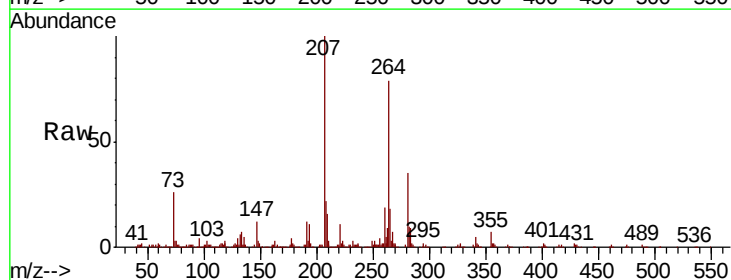
Tgt Ion:264 Resp: 343755

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 23.0 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

