

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042871.D
 Acq On : 17 Sep 2019 17:29
 Operator : HP/JU
 Sample : PB123079BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123079BL

Quant Time: Sep 18 02:05:15 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	52295	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	201680	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	153764	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	383337	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	322107	20.00	ng	-0.01
87) Perylene-d12	25.02	264	343991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	372144	123.72	ng	0.03
7) Phenol-d6	7.31	99	558474	129.35	ng	0.04
23) Nitrobenzene-d5	9.28	82	372190	96.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	329631	161.13	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	931858	95.93	ng	-0.02
79) Terphenyl-d14	20.08	244	1684020	115.87	ng	-0.01

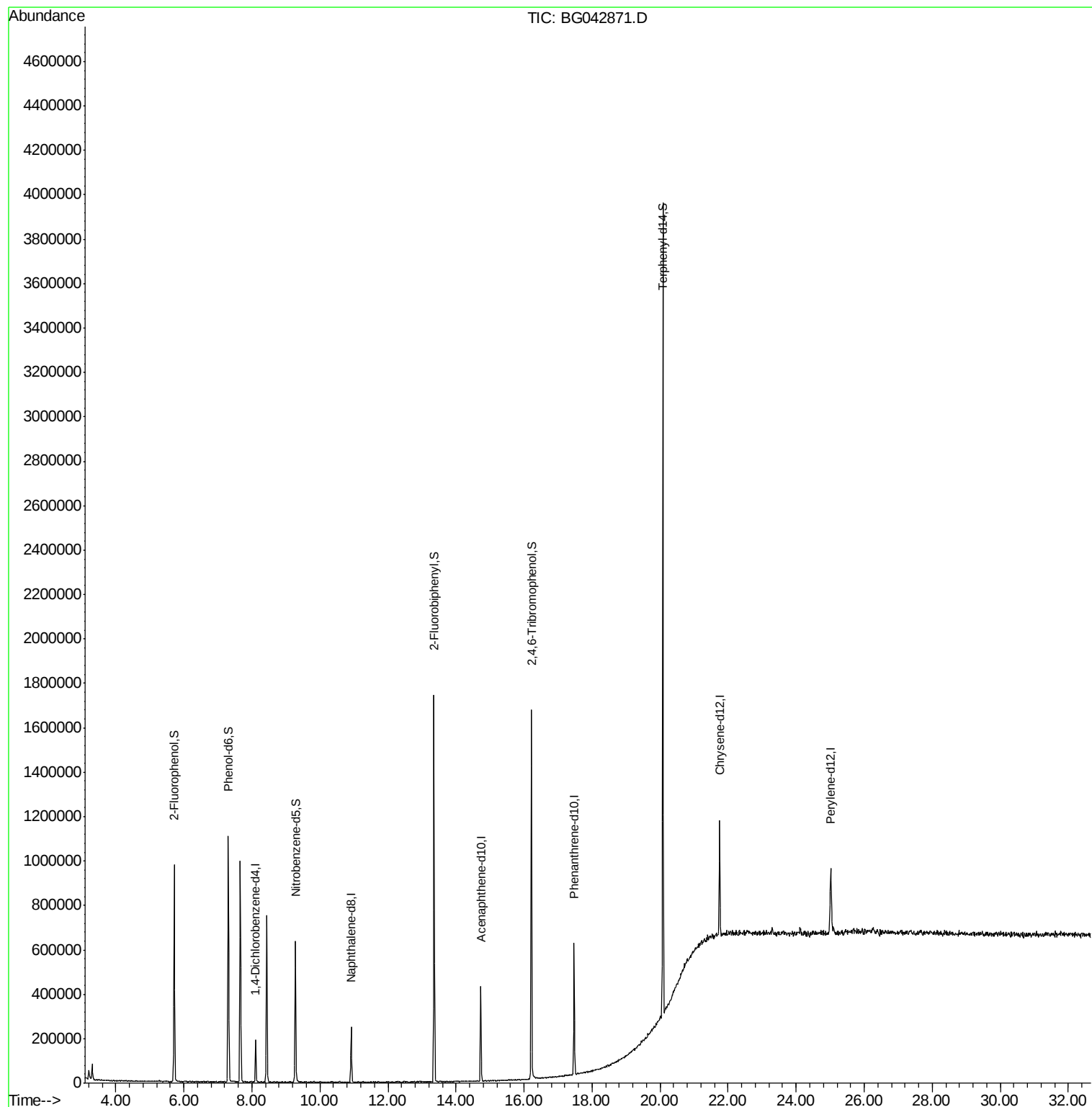
Target Compounds Qvalue

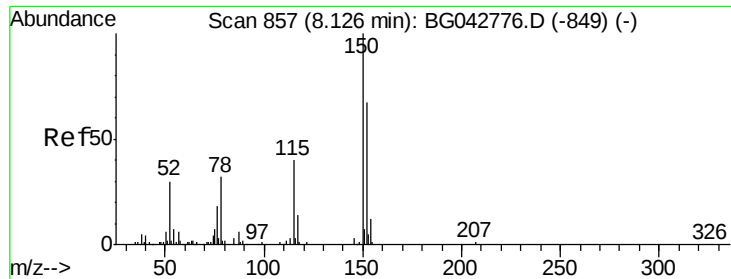
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB123079BL

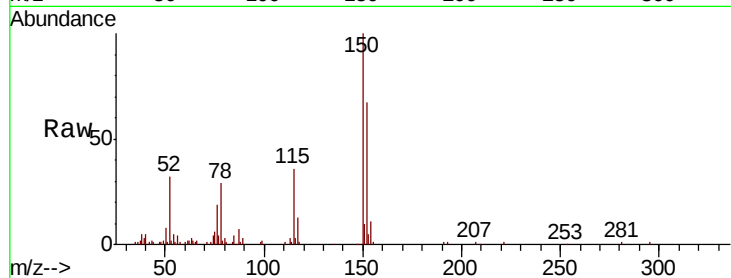
Tot Ion:152 Resp: 52295

Ion Ratio Lower Upper

152 100

150 149.9 118.9 178.3

115 53.7 47.4 71.2

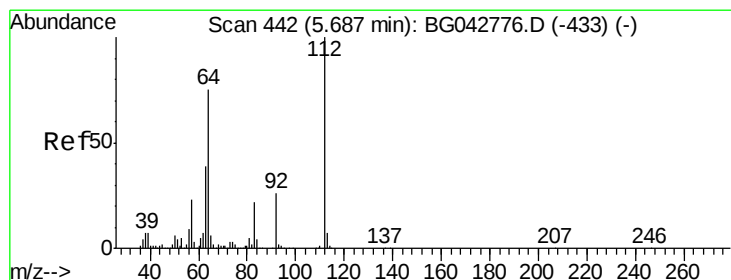
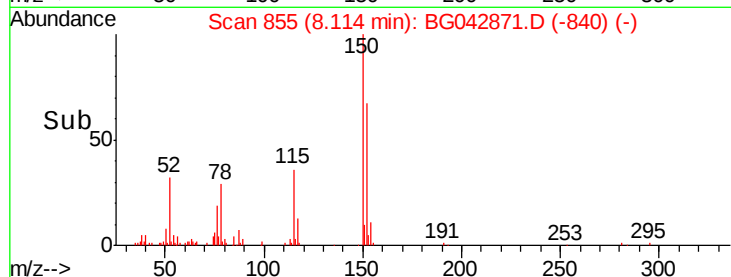
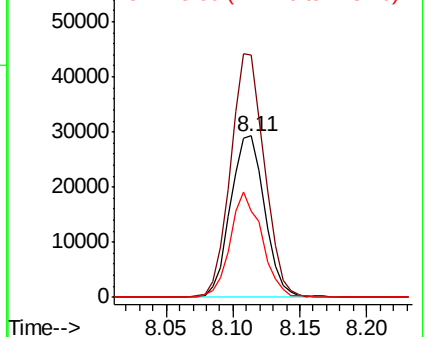


Abundance

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: 123.719 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.03 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

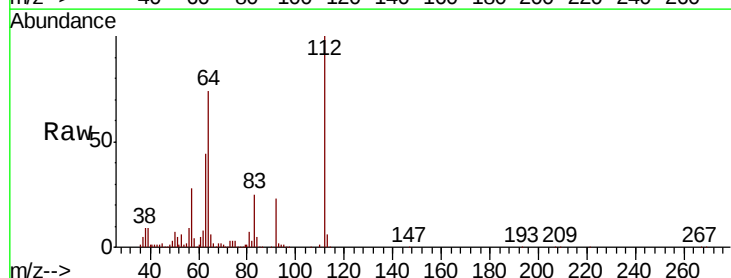
Tgt Ion:112 Resp: 372144

Ion Ratio Lower Upper

112 100

64 74.1 60.2 90.2

63 44.0 31.2 46.8

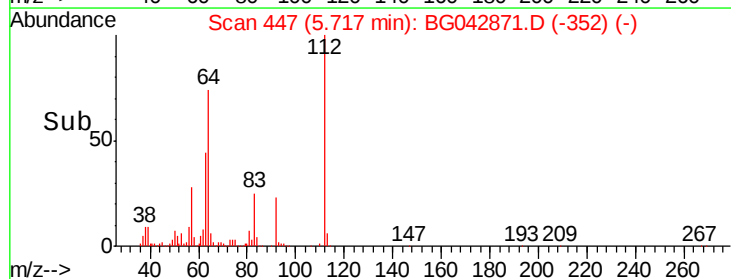
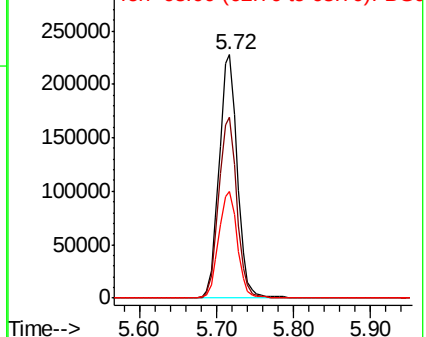


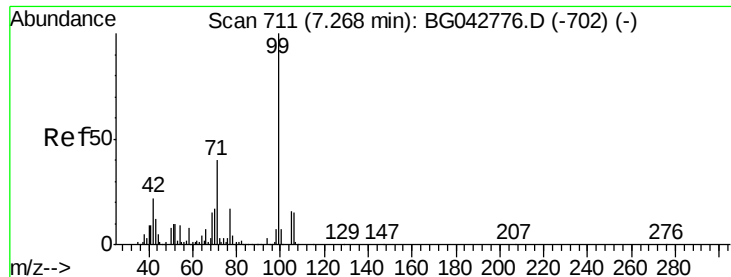
Abundance

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: 129.353 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB123079BL

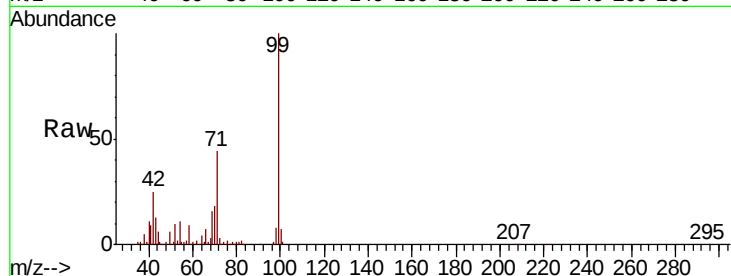
Tot Ion: 99 Resp: 558474

Ion Ratio Lower Upper

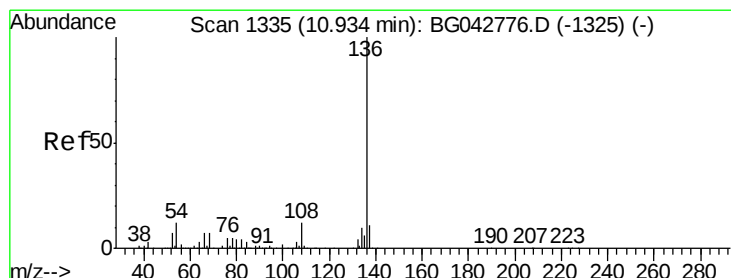
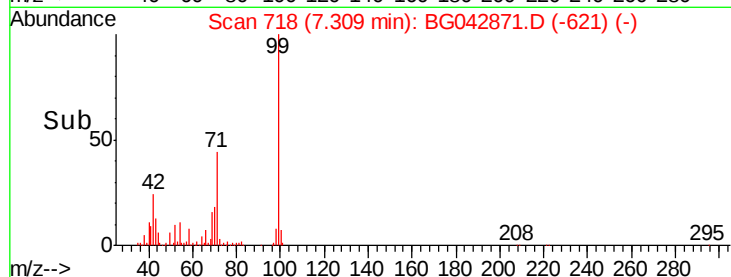
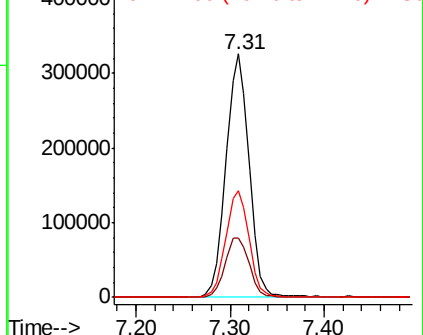
99 100

42 24.5 17.5 26.3

71 43.8 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: 10.92 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

Tgt Ion: 136 Resp: 201680

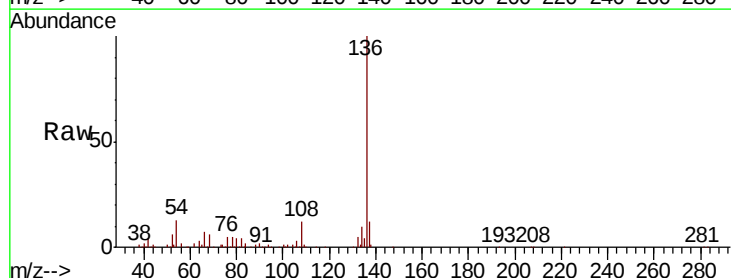
Ion Ratio Lower Upper

136 100

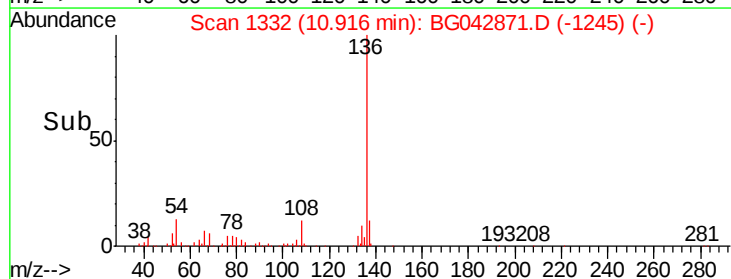
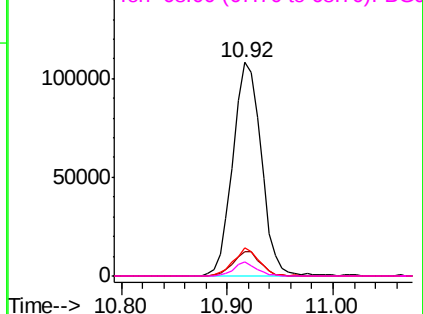
137 11.6 9.0 13.6

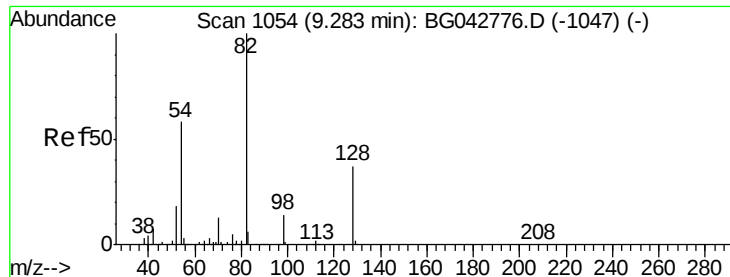
54 13.1 9.4 14.0

68 6.4 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

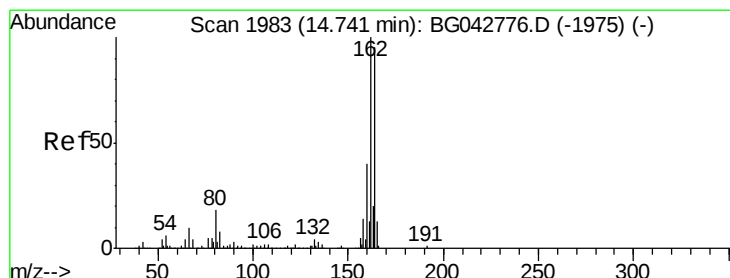
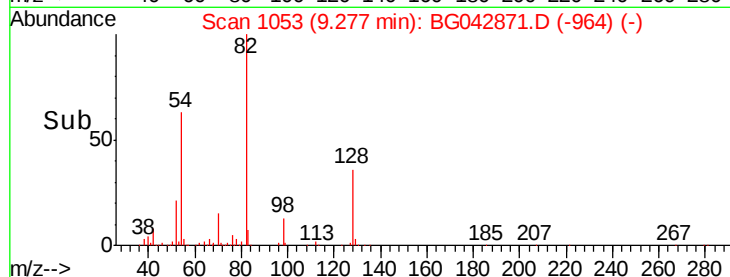
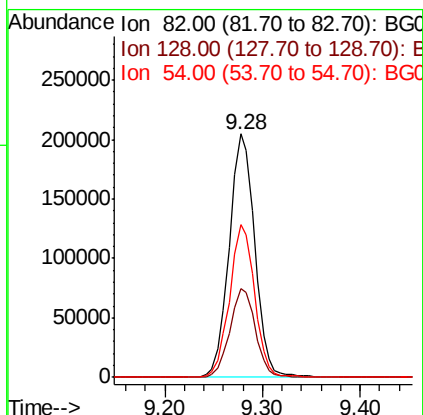
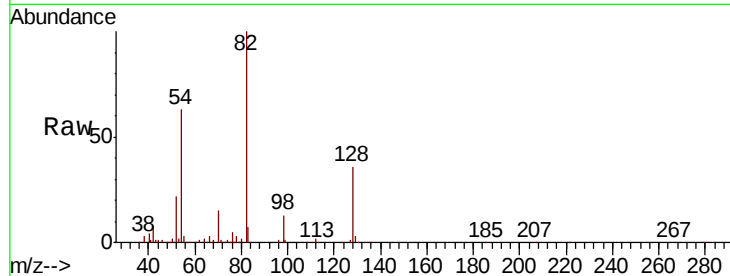




#23
Nitrobenzene-d5
Concen: 96.079 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042871.D
Acq: 17 Sep 2019 17:29

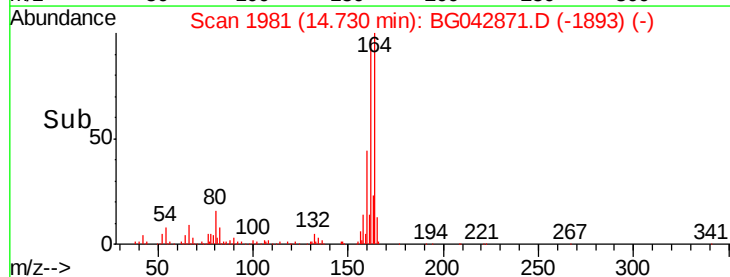
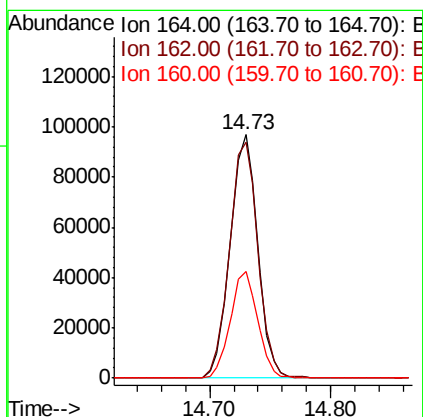
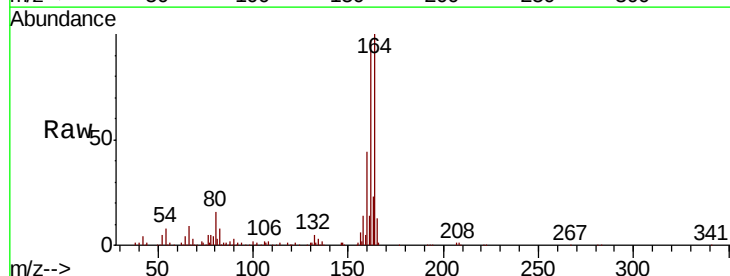
Instrument :
BNA_G
ClientSampleId :
PB123079BL

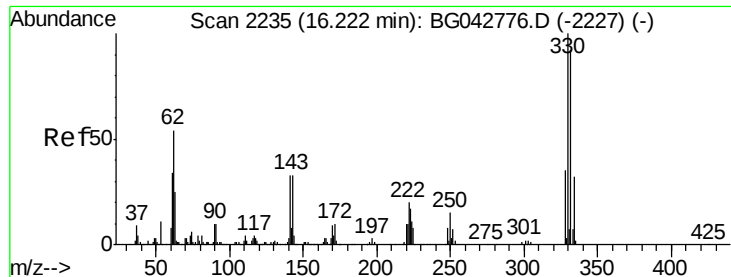
Tot Ion	82	Resp	372190
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.8
54	62.7	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG042871.D
Acq: 17 Sep 2019 17:29

Tgt Ion	164	Resp	153764
Ion Ratio	Lower	Upper	
164	100		
162	97.1	84.6	126.8
160	43.9	34.2	51.2

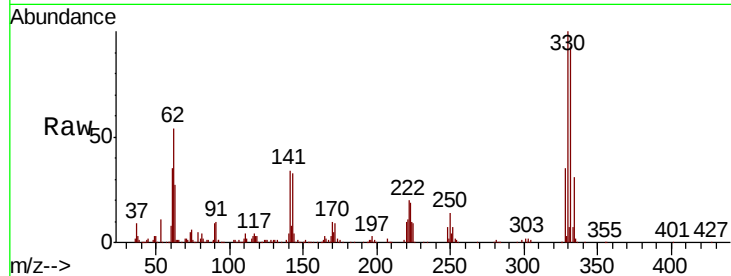




#42
 2,4,6-Tribromophenol
 Concen: 161.133 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042871.D
 Acq: 17 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampled :
 PB123079BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.7	115.1
141	33.7	27.0	40.6

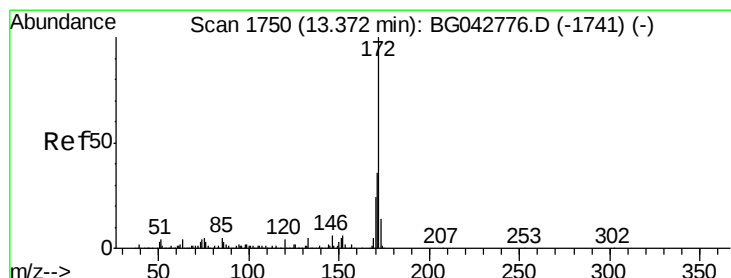
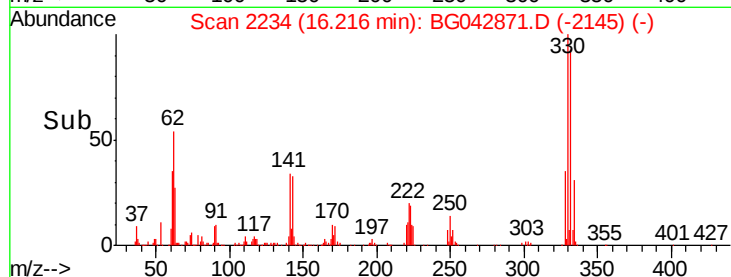
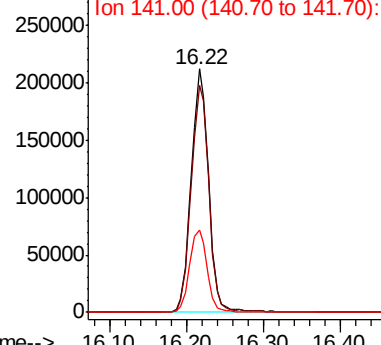


Abundance

Ion 329.80 (329.50 to 330.50): E

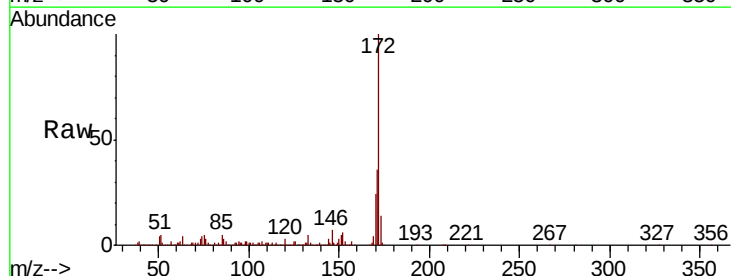
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.931 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042871.D
 Acq: 17 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.3	19.1	28.7

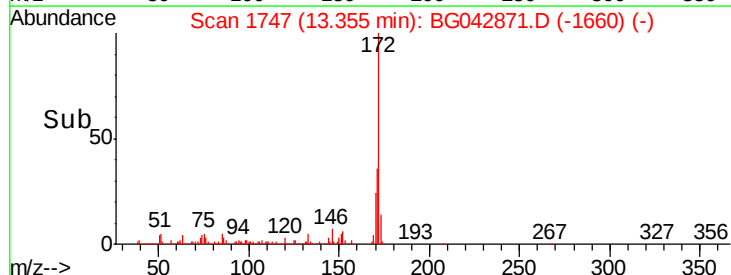
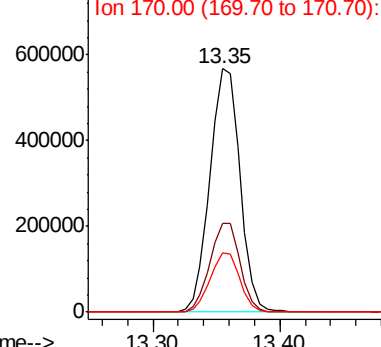


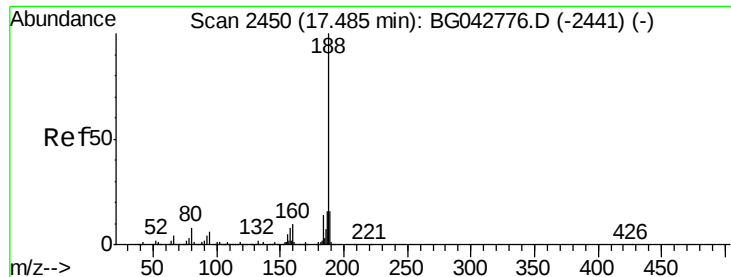
Abundance

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: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB123079BL

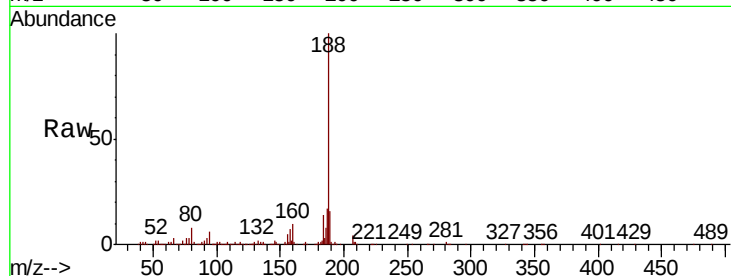
Tot Ion:188 Resp: 383337

Ion Ratio Lower Upper

188 100

94 6.3 4.8 7.2

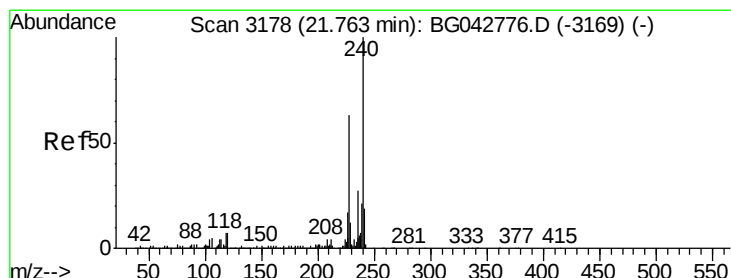
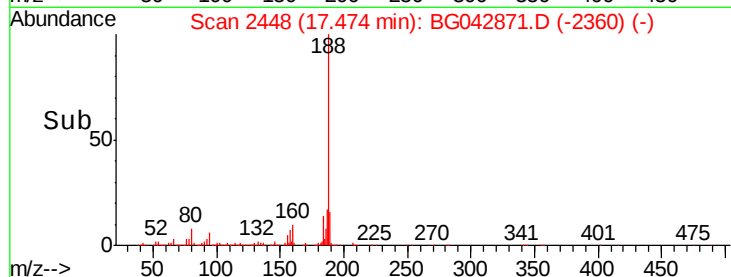
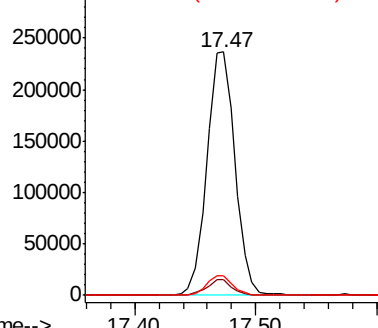
80 8.0 6.6 9.8



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: BG042871.D

Acq: 17 Sep 2019 17:29

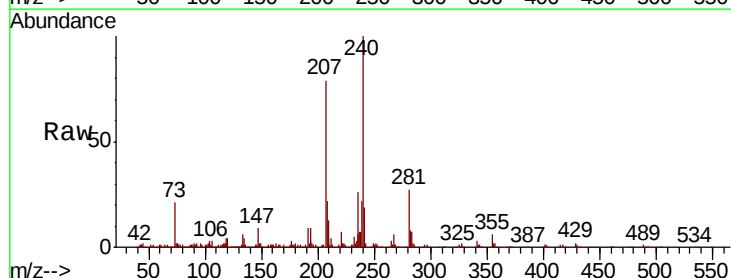
Tgt Ion:240 Resp: 322107

Ion Ratio Lower Upper

240 100

120 4.3 5.4 8.2#

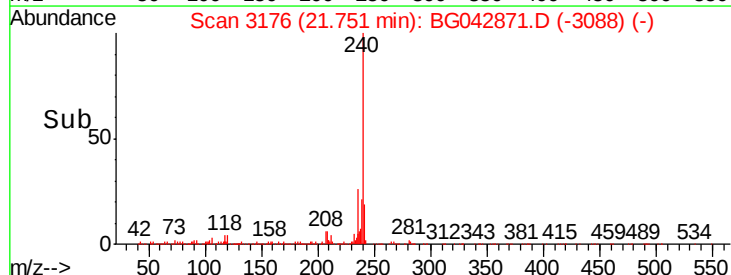
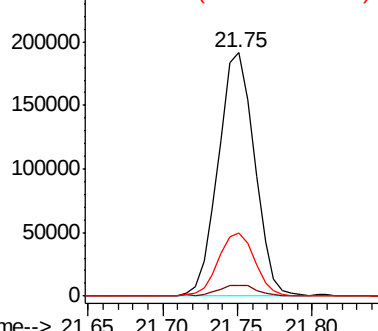
236 25.7 21.7 32.5

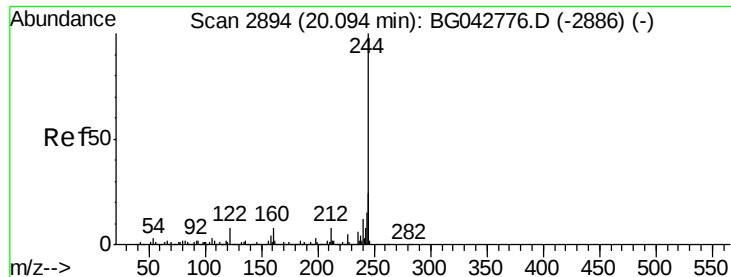


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.870 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB123079BL

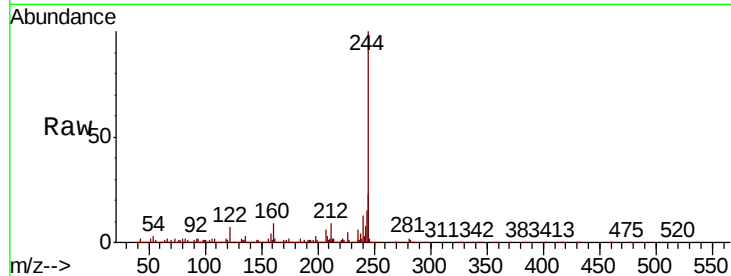
Tot Ion:244 Resp: 1684020

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

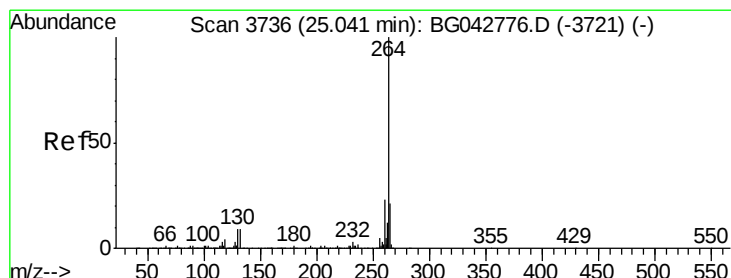
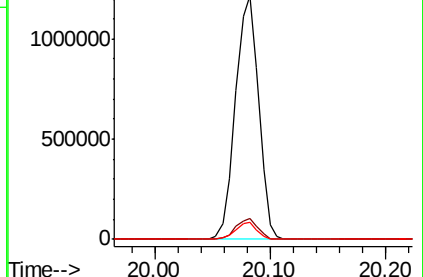
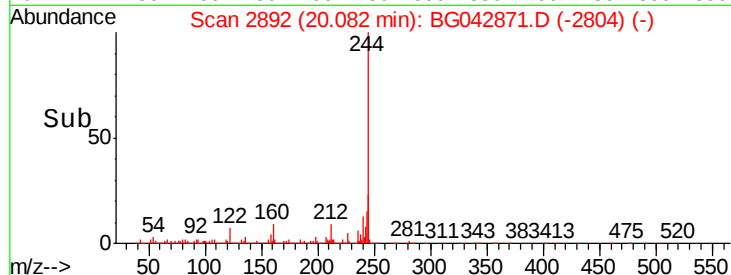
122 6.9 6.2 9.4



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. -0.02 min

Lab File: BG042871.D

Acq: 17 Sep 2019 17:29

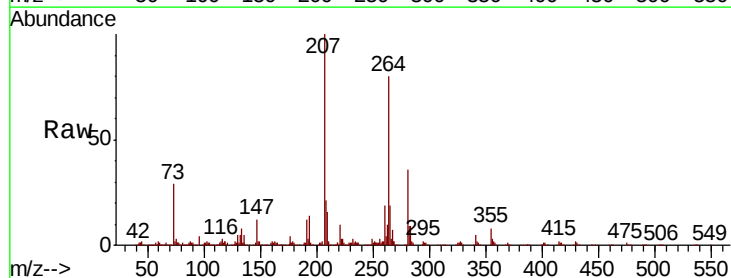
Tgt Ion:264 Resp: 343991

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 23.7 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

