

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042953.D
 Acq On : 30 Sep 2019 21:29
 Operator : JU
 Sample : PB123480TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123480TB

Quant Time: Oct 01 07:52:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

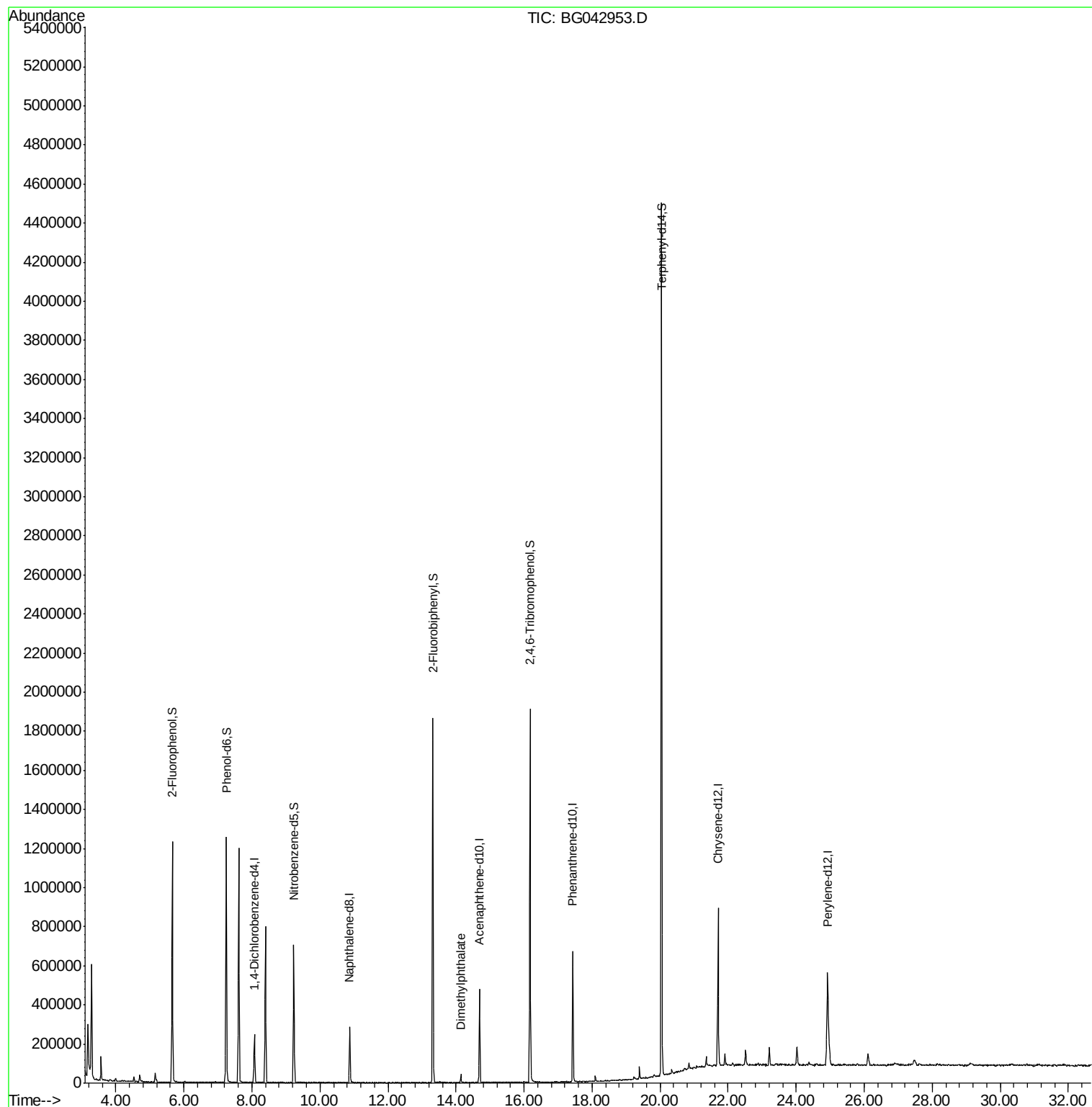
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68981	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	247880	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	172312	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	419333	20.00	ng	0.00
76) Chrysene-d12	21.70	240	490404	20.00	ng	-0.01
87) Perylene-d12	24.92	264	558027	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	483472	125.08	ng	0.00
7) Phenol-d6	7.24	99	688433	123.68	ng	0.00
23) Nitrobenzene-d5	9.23	82	438670	86.02	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	392171	132.36	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	997870	83.95	ng	0.00
79) Terphenyl-d14	20.04	244	2192718	95.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	30647	2.374	ng	Qvalue 99

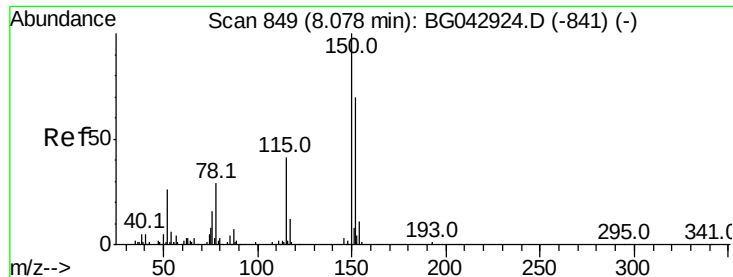
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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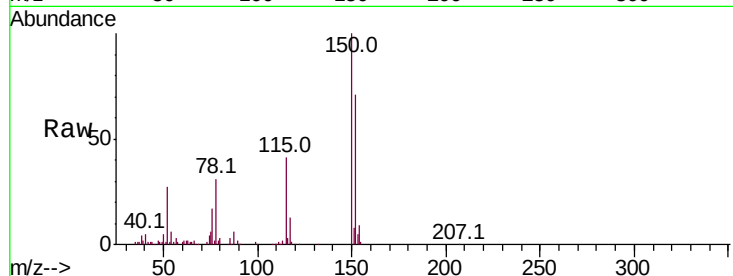


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042953.D
Acq: 30 Sep 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB123480TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	115.0	172.4
115	57.3	47.0	70.6

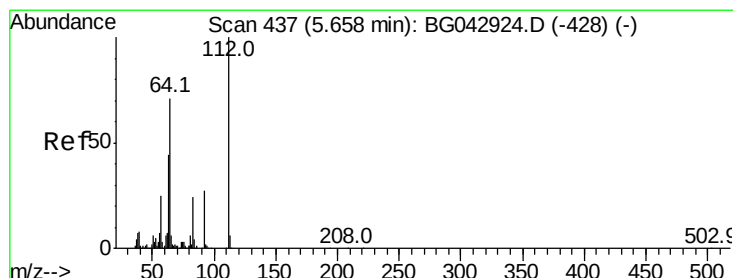
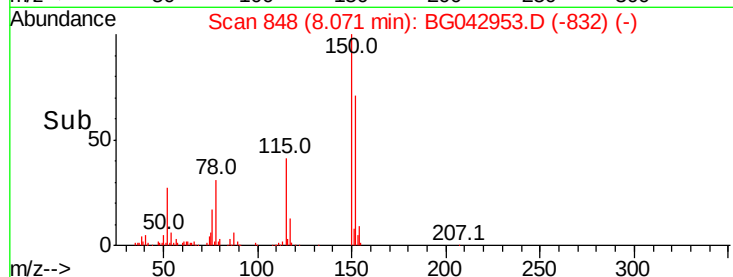
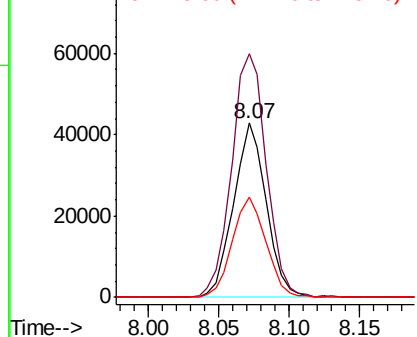


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

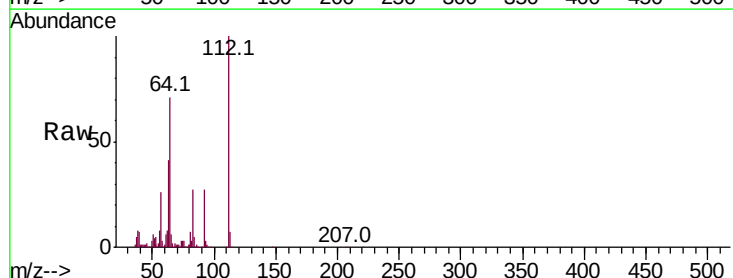
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.080 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042953.D
Acq: 30 Sep 2019 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.6	84.8
63	41.5	35.1	52.7

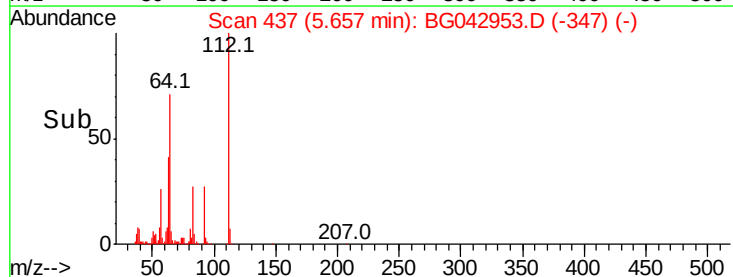
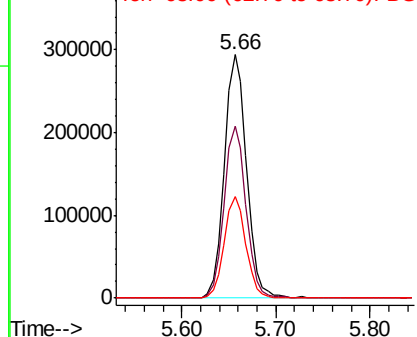


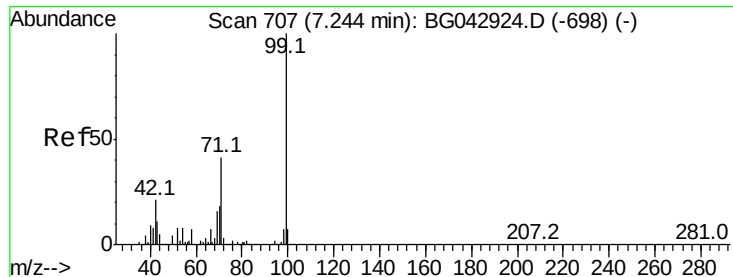
Abundance

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: 123.680 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB123480TB

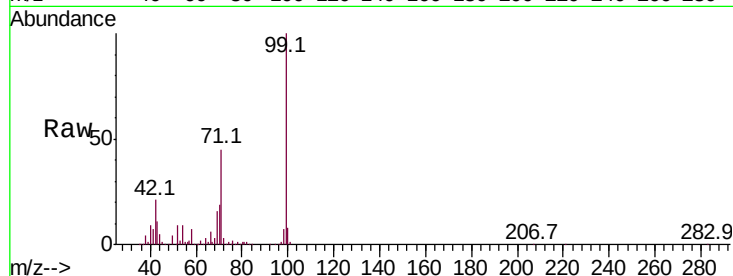
Tot Ion: 99 Resp: 688433

Ion Ratio Lower Upper

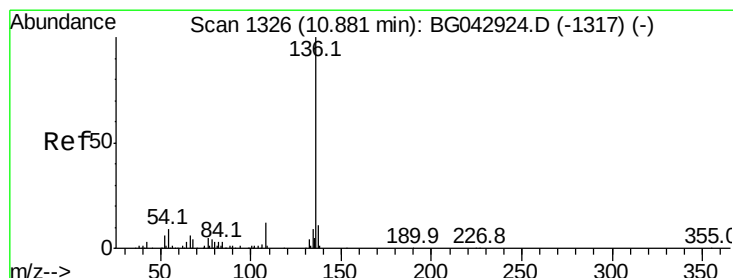
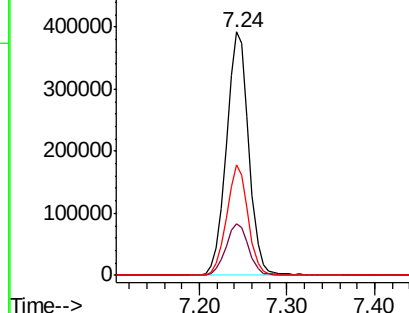
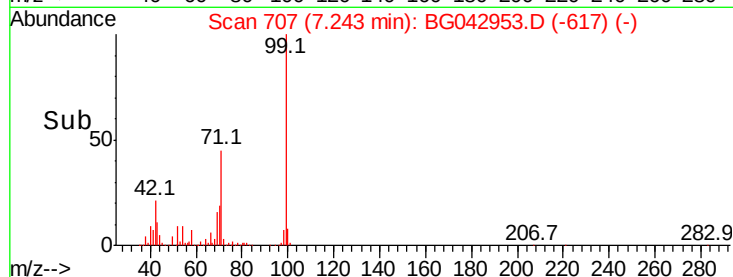
99 100

42 21.5 17.2 25.8

71 45.4 33.1 49.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

Tgt Ion: 136 Resp: 247880

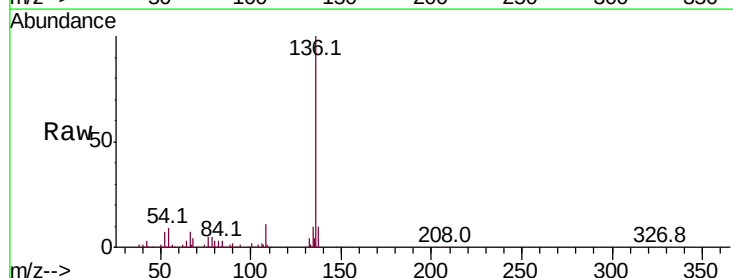
Ion Ratio Lower Upper

136 100

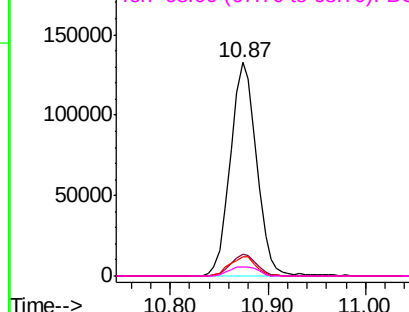
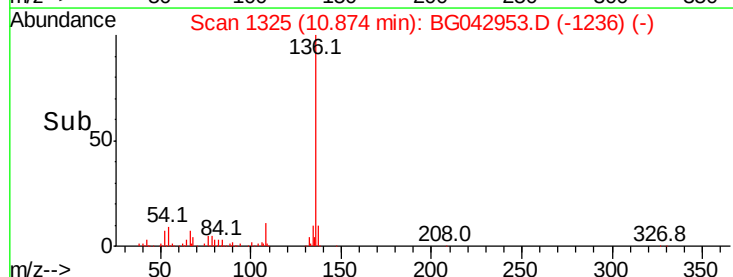
137 10.3 8.5 12.7

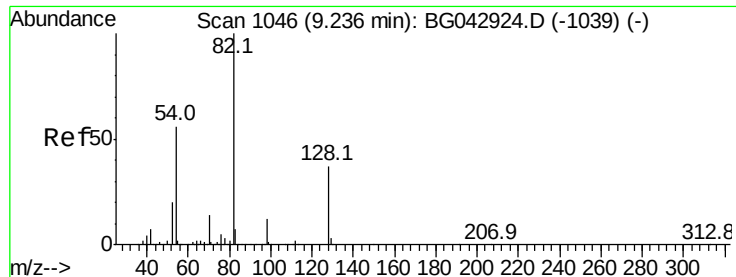
54 9.3 7.4 11.2

68 4.3 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: 86.016 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB123480TB

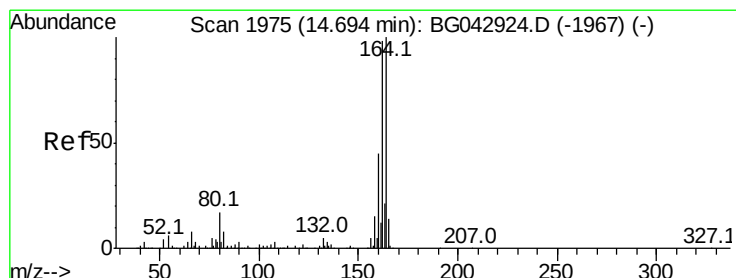
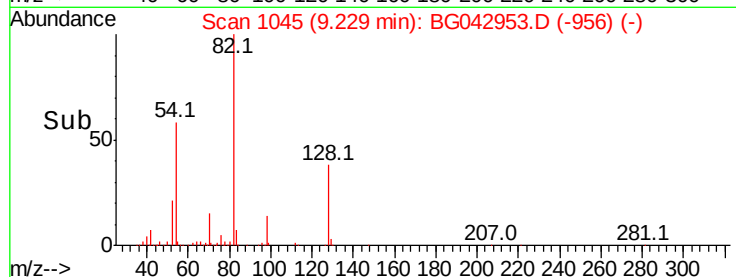
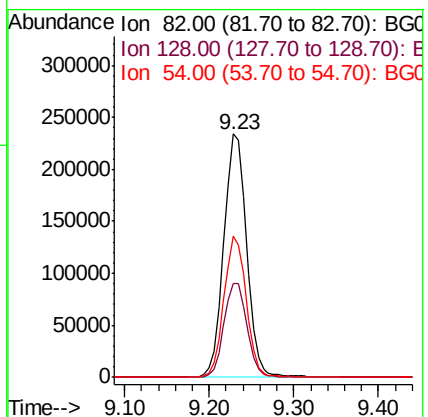
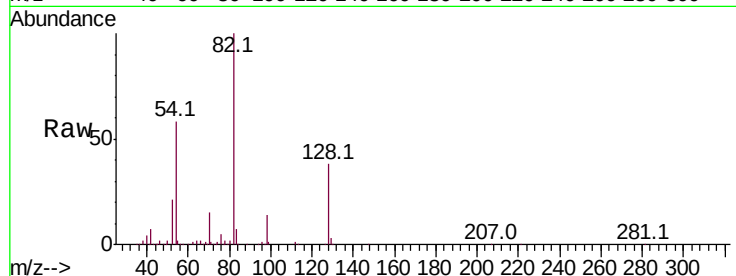
Tot Ion: 82 Resp: 438670

Ion Ratio Lower Upper

82 100

128 38.5 29.5 44.3

54 58.1 44.6 67.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

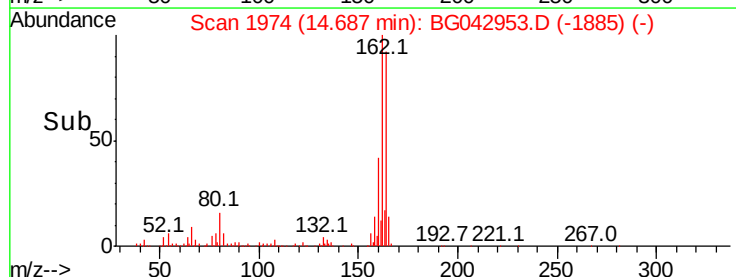
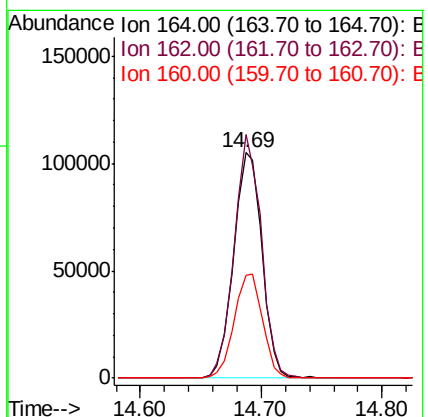
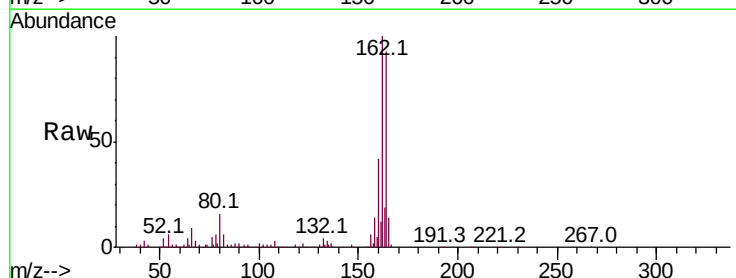
Tgt Ion: 164 Resp: 172312

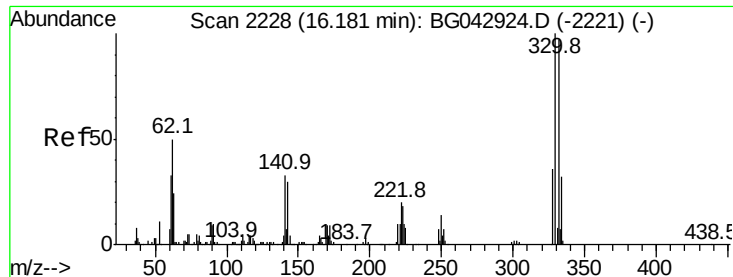
Ion Ratio Lower Upper

164 100

162 108.0 78.5 117.7

160 45.8 35.9 53.9

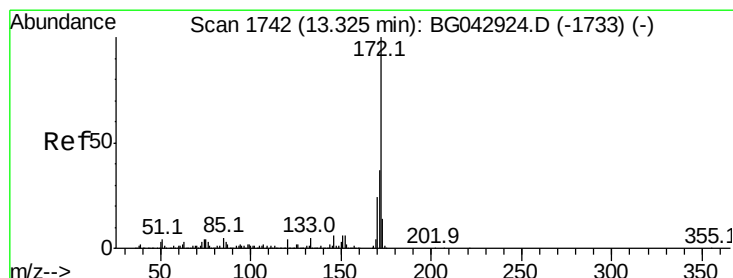
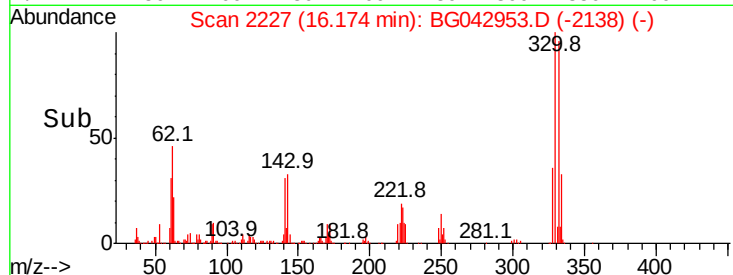
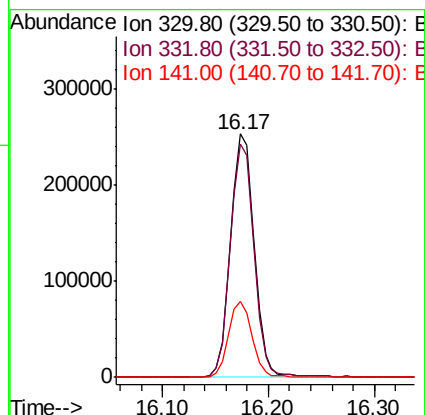
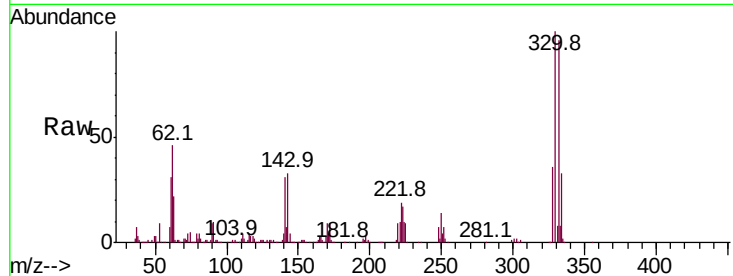




#42
 2,4,6-Tribromophenol
 Concen: 132.355 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042953.D
 Acq: 30 Sep 2019 21:29

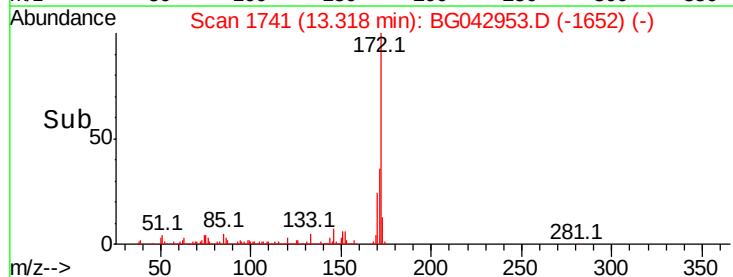
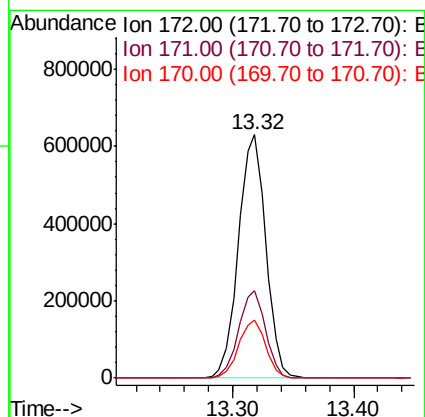
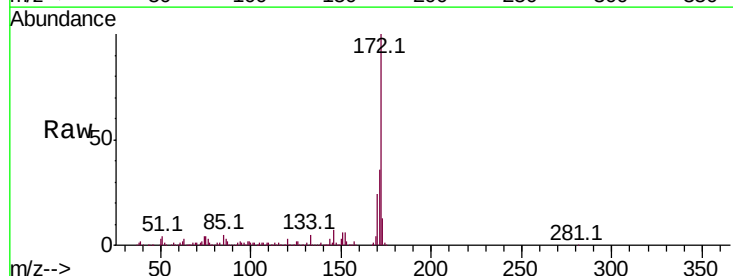
Instrument :
 BNA_G
 ClientSampleId :
 PB123480TB

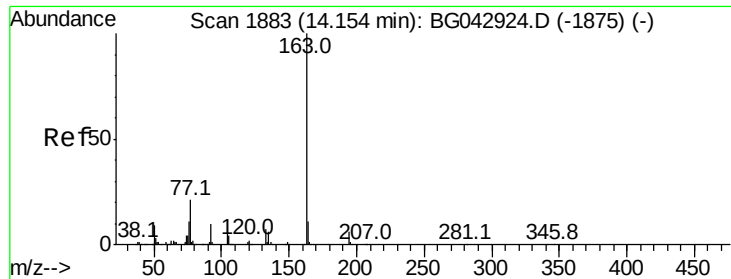
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	31.0	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 83.953 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042953.D
 Acq: 30 Sep 2019 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	19.6	29.4

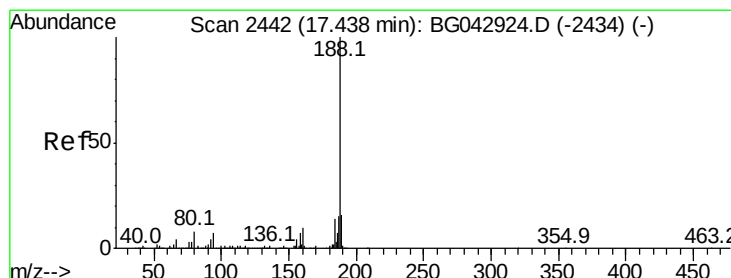
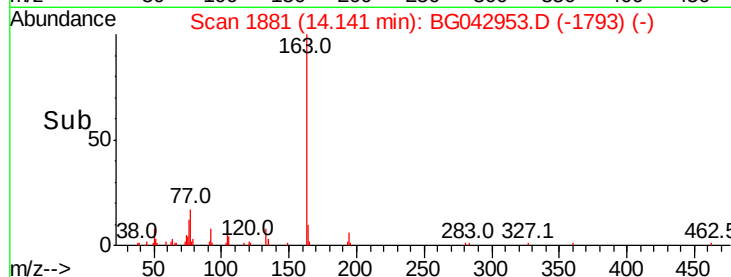
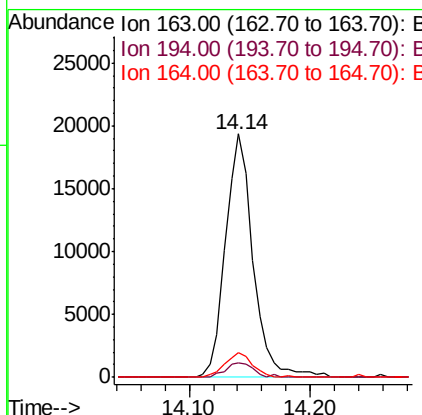
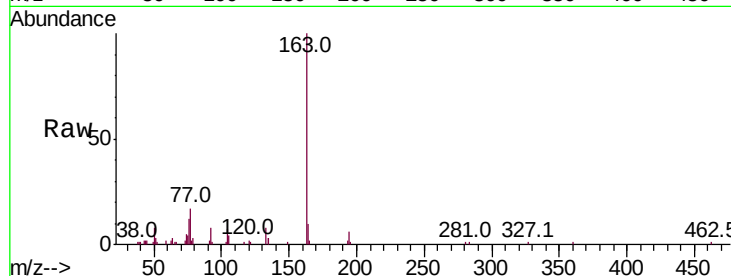




#50
Dimethylphthalate
Concen: 2.374 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042953.D
Acq: 30 Sep 2019 21:29

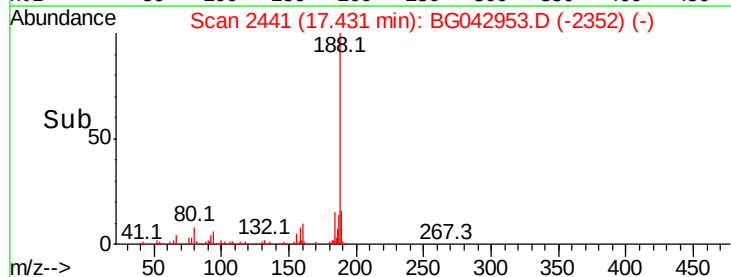
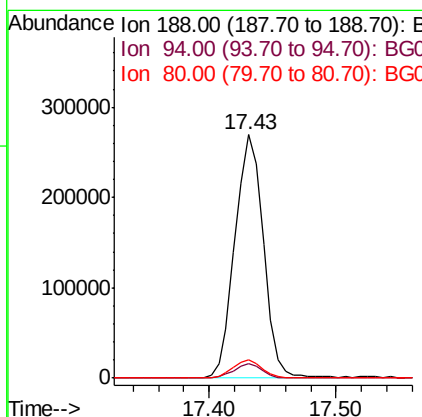
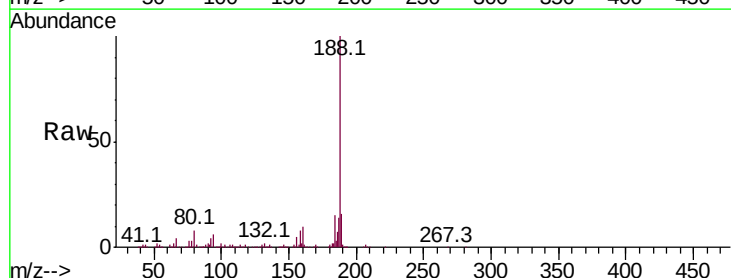
Instrument :
BNA_G
ClientSampleId :
PB123480TB

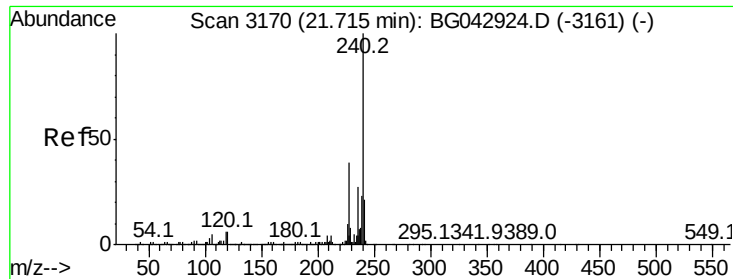
Tot Ion:163 Resp: 30647
Ion Ratio Lower Upper
163 100
194 5.7 4.4 6.6
164 10.0 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042953.D
Acq: 30 Sep 2019 21:29

Tgt Ion:188 Resp: 419333
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 7.5 6.5 9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB123480TB

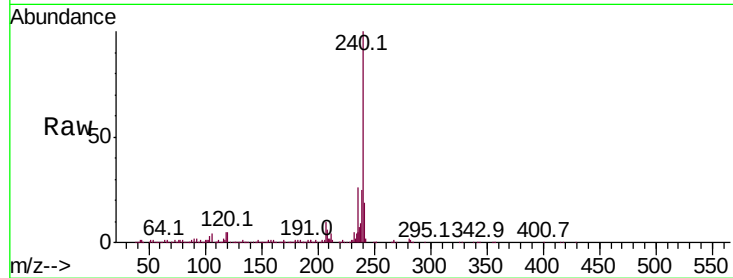
Tot Ion:240 Resp: 490404

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

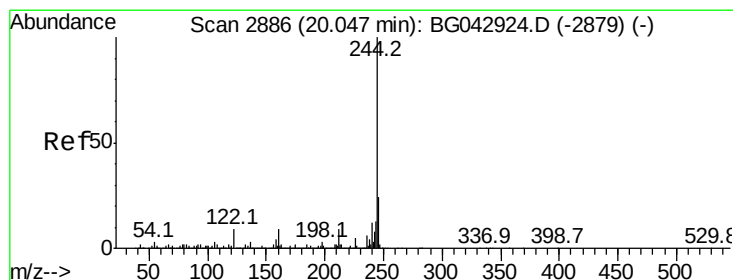
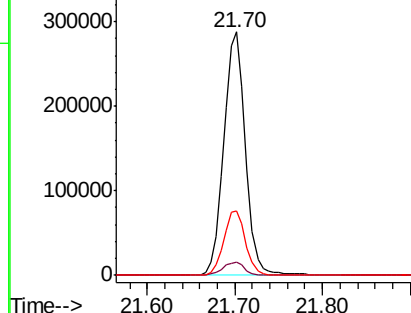
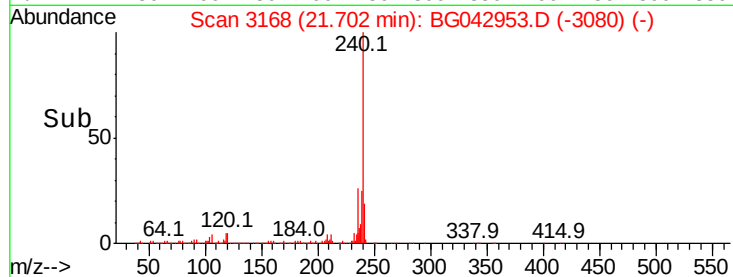
236 26.4 21.4 32.0



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: 95.277 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042953.D

Acq: 30 Sep 2019 21:29

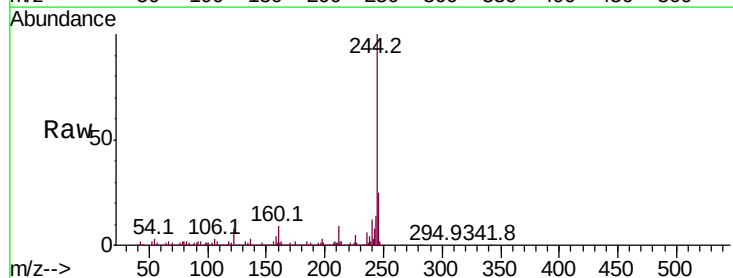
Tgt Ion:244 Resp: 2192718

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

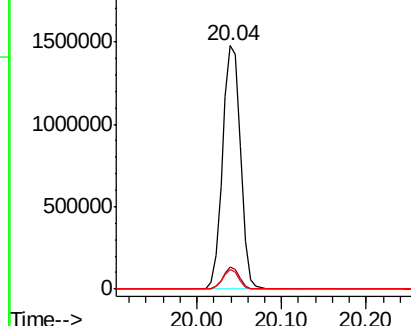
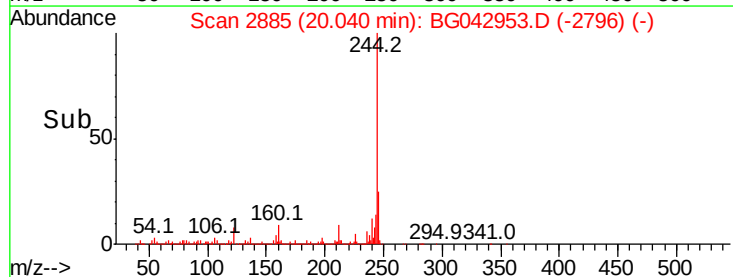
122 8.1 7.0 10.4

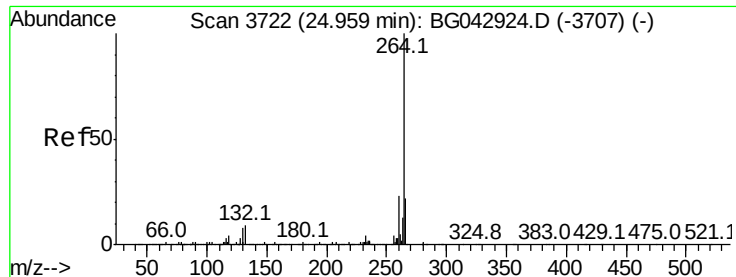


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042953.D
Acq: 30 Sep 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB123480TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.6	17.7	26.5

