

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044153.D
 Acq On : 22 Jan 2020 10:47
 Operator : JU
 Sample : PB126234BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BL

Quant Time: Jan 22 11:36:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

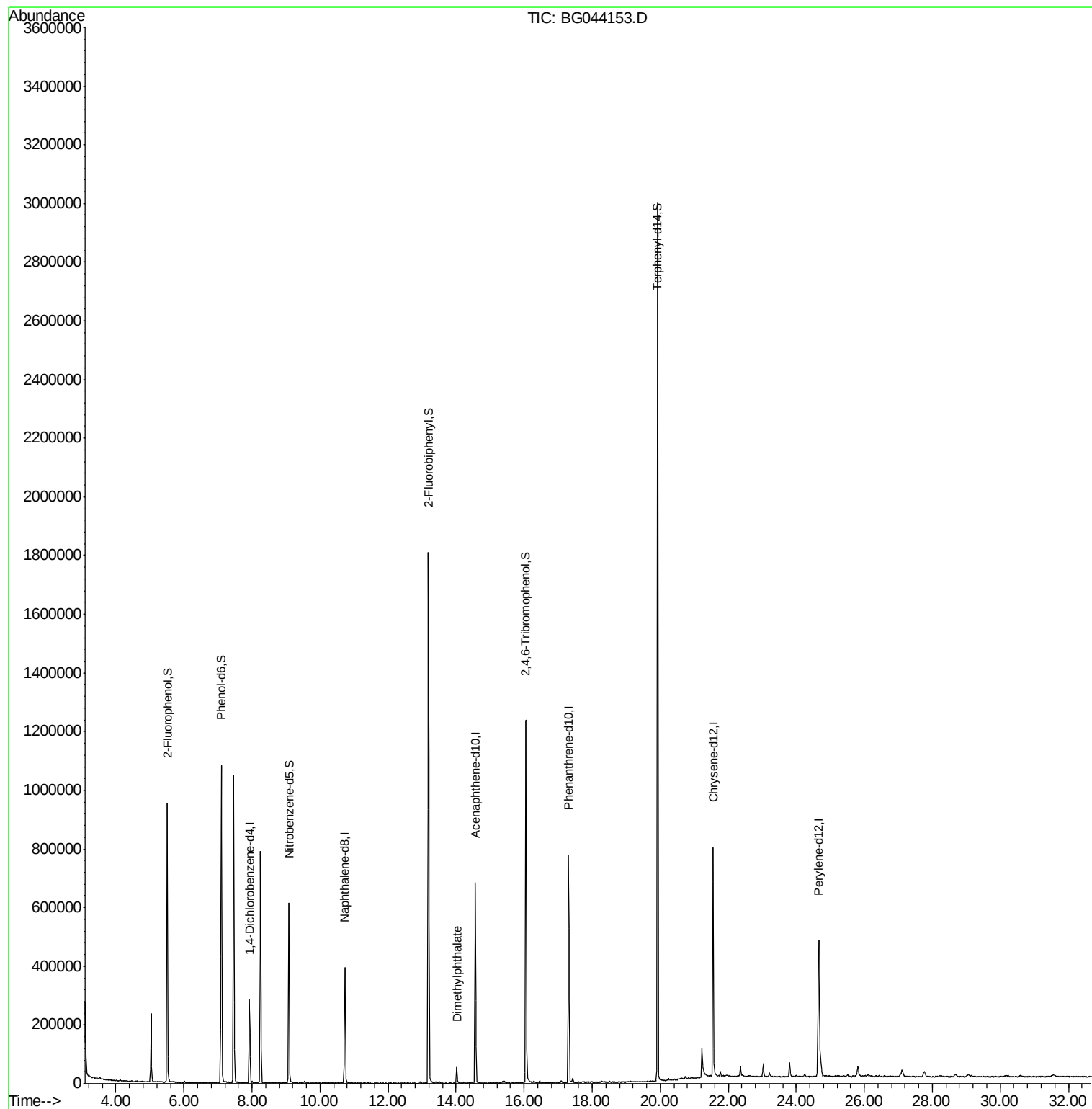
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83315	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	376442	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	260835	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	513634	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	447497	20.00	ng	-0.04
87) Perylene-d12	24.66	264	494515	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	467949	103.13	ng	-0.03
7) Phenol-d6	7.10	99	698254	110.09	ng	-0.02
23) Nitrobenzene-d5	9.08	82	404577	57.49	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	249321	91.34	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1016905	70.63	ng	-0.04
79) Terphenyl-d14	19.93	244	1428665	74.39	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.02	163	47878	2.585	ng	Qvalue 95

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

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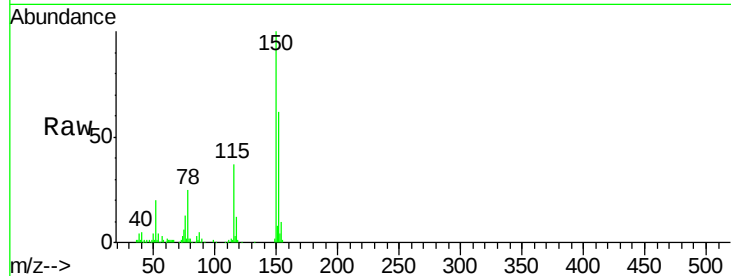


#1

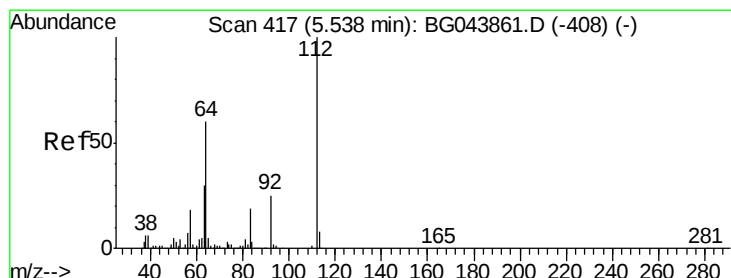
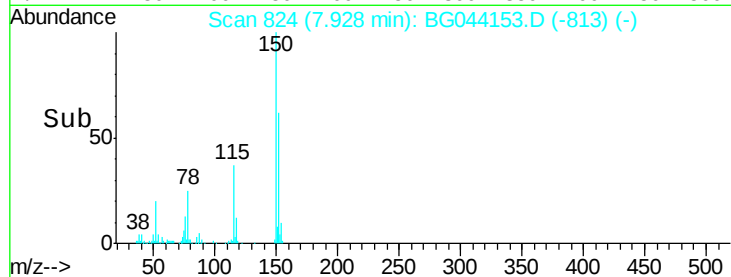
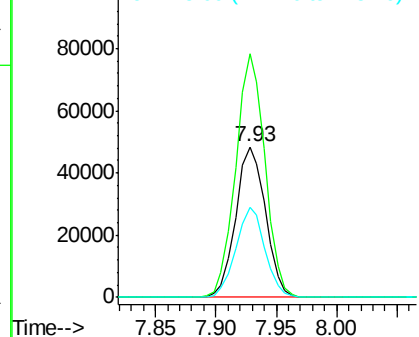
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044153.D
Acq: 22 Jan 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB126234BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.0	190.4
115	60.0	47.8	71.8



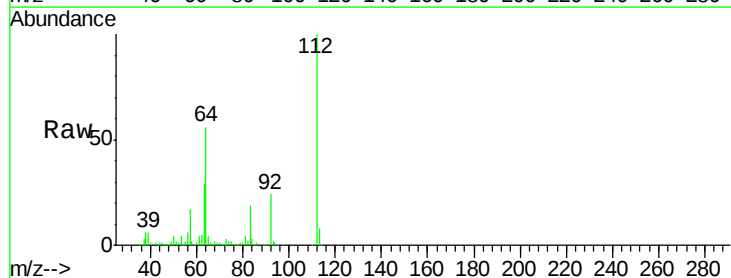
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



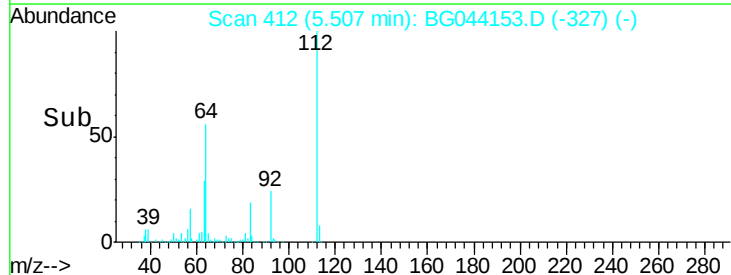
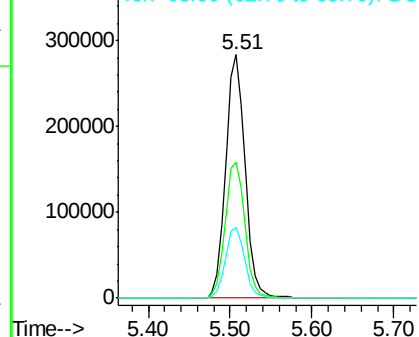
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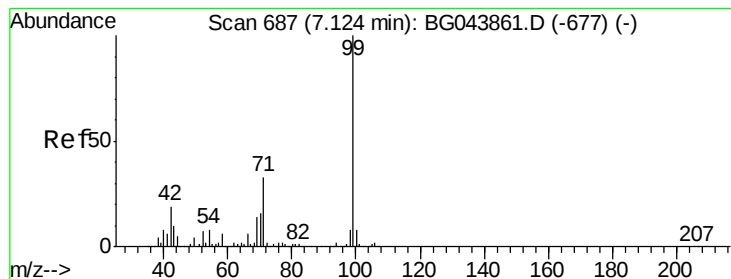
2-Fluorophenol
Concen: 103.128 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044153.D
Acq: 22 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	29.3	24.3	36.5



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: 110.088 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044153.D

Acq: 22 Jan 2020 10:47

Instrument :

BNA_G

ClientSampled :

PB126234BL

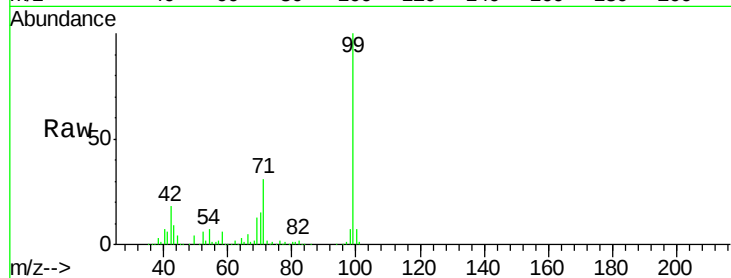
Tot Ion: 99 Resp: 698254

Ion Ratio Lower Upper

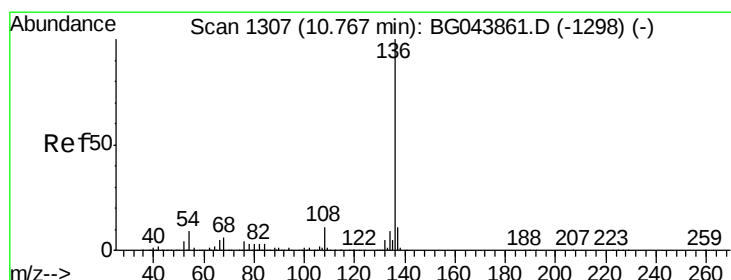
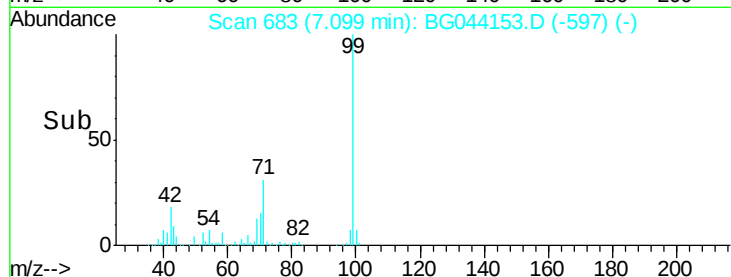
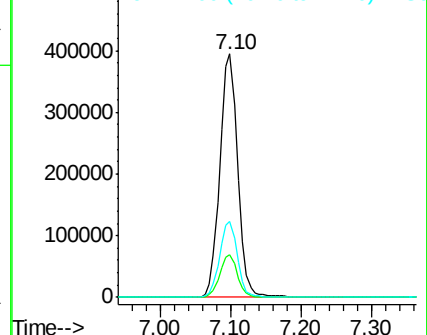
99 100

42 17.5 14.9 22.3

71 30.9 26.4 39.6



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: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044153.D

Acq: 22 Jan 2020 10:47

Tgt Ion: 136 Resp: 376442

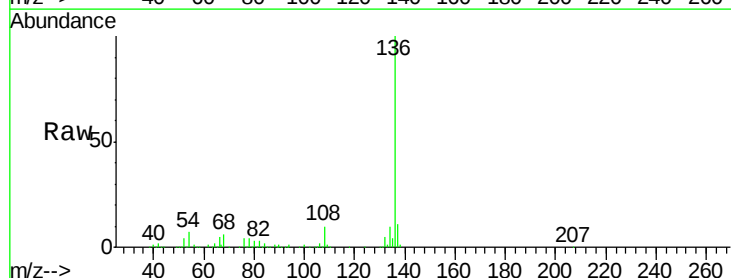
Ion Ratio Lower Upper

136 100

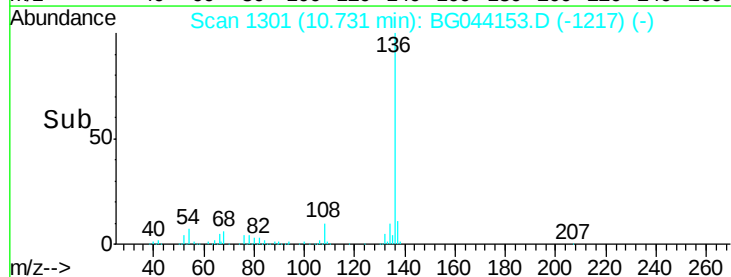
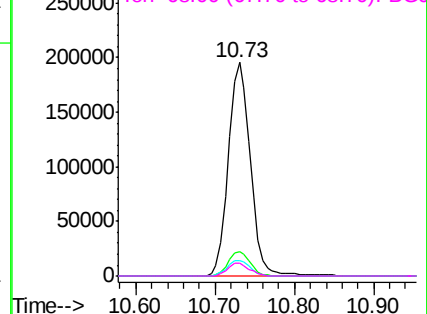
137 11.2 8.8 13.2

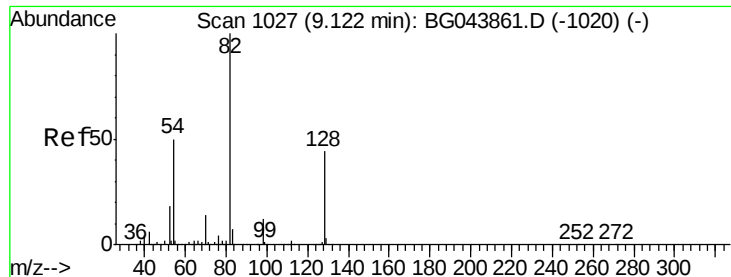
54 7.3 7.0 10.4

68 6.2 4.9 7.3



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

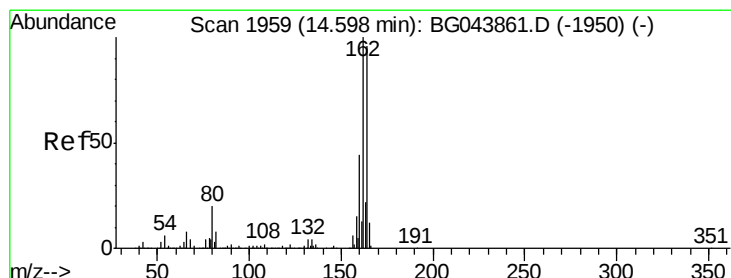
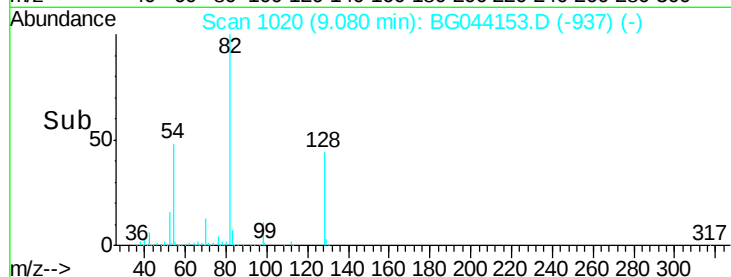
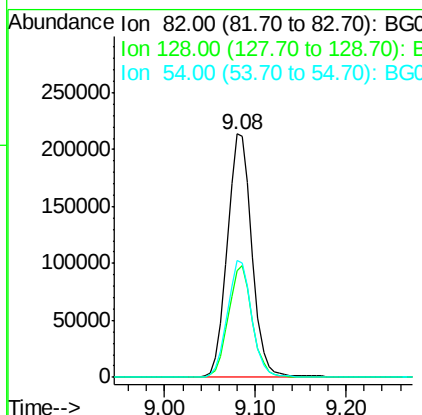
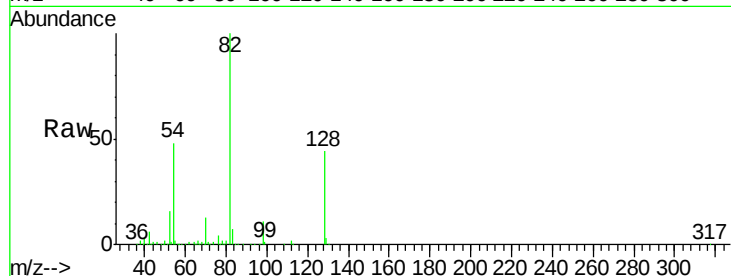




#23
 Nitrobenzene-d5
 Concen: 57.494 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044153.D
 Acq: 22 Jan 2020 10:47

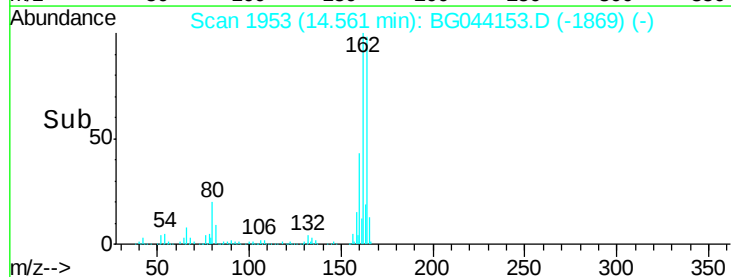
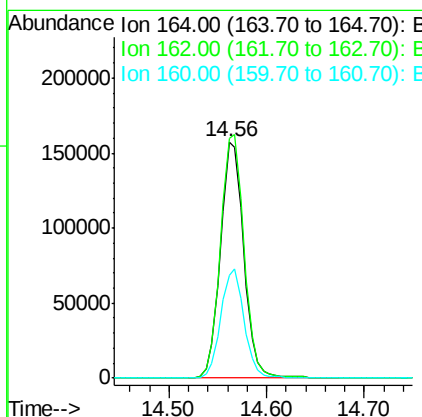
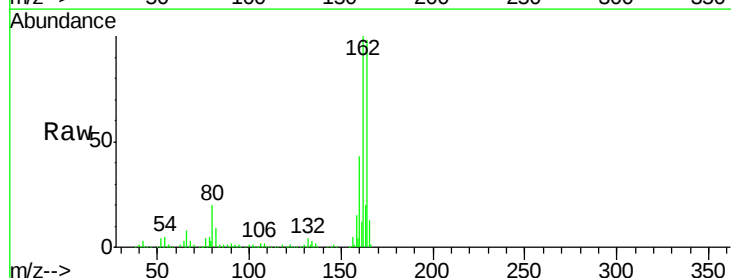
Instrument :
 BNA_G
 ClientSampleId :
 PB126234BL

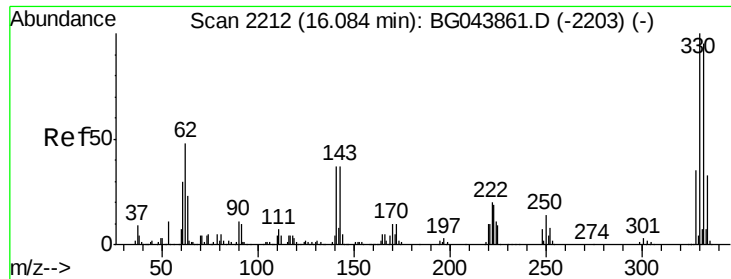
Tot Ion	82	Resp	404577
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.1	52.7
54	48.1	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BG044153.D
 Acq: 22 Jan 2020 10:47

Tgt Ion	164	Resp	260835
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.0	124.4
160	43.6	36.1	54.1

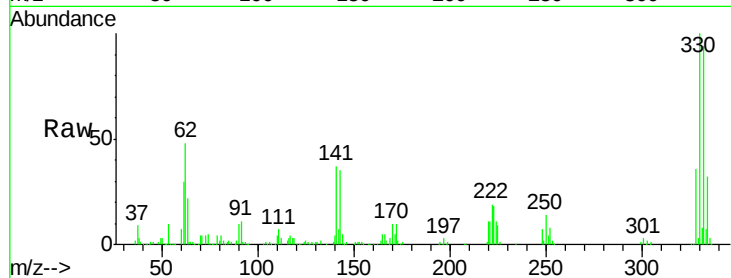




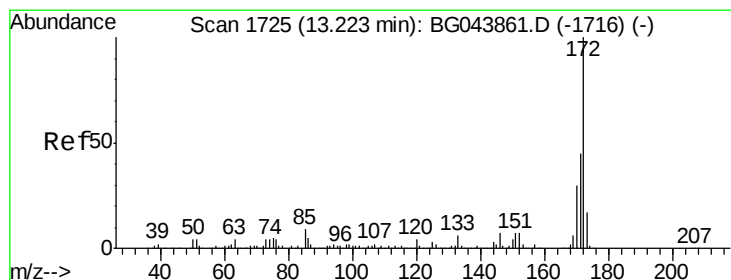
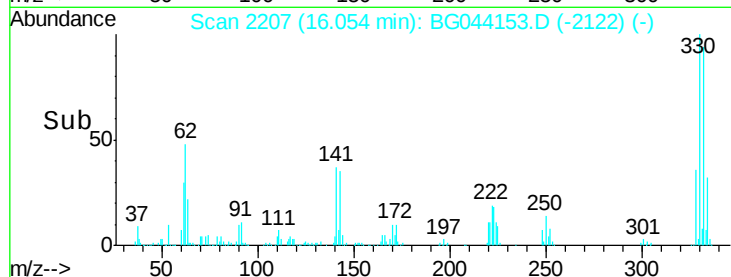
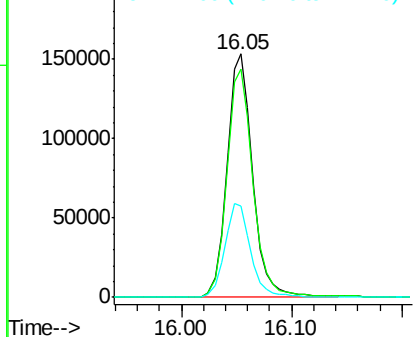
#42
 2,4,6-Tribromophenol
 Concen: 91.340 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044153.D
 Acq: 22 Jan 2020 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BL

Tot Ion:330 Resp: 249321
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 39.1 33.1 49.7

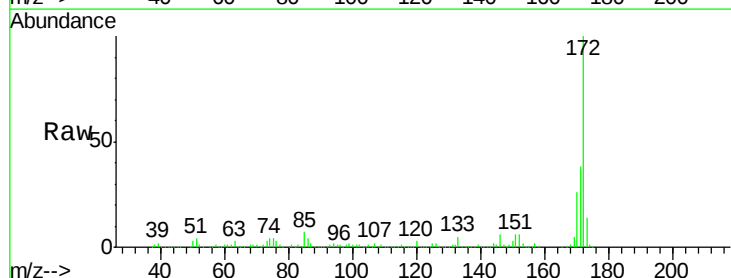


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

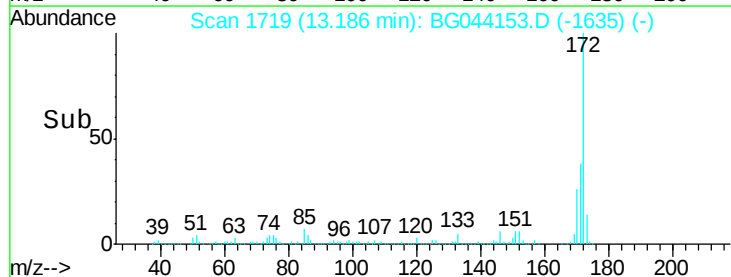
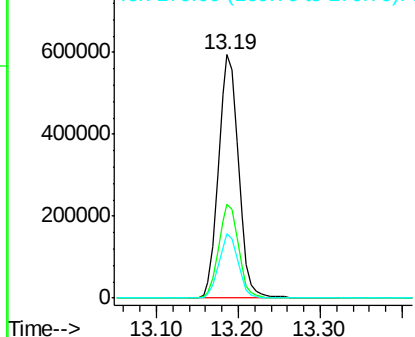


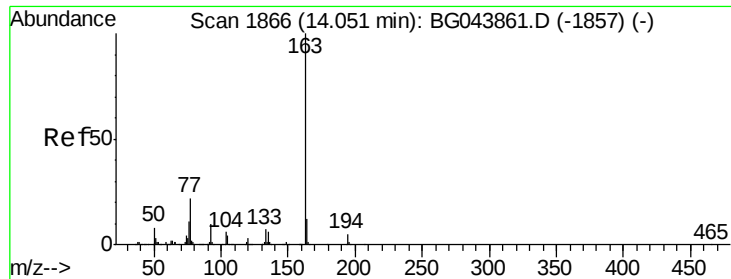
#45
 2-Fluorobiphenyl
 Concen: 70.635 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044153.D
 Acq: 22 Jan 2020 10:47

Tgt Ion:172 Resp: 1016905
 Ion Ratio Lower Upper
 172 100
 171 38.4 35.8 53.8
 170 26.2 24.2 36.4



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

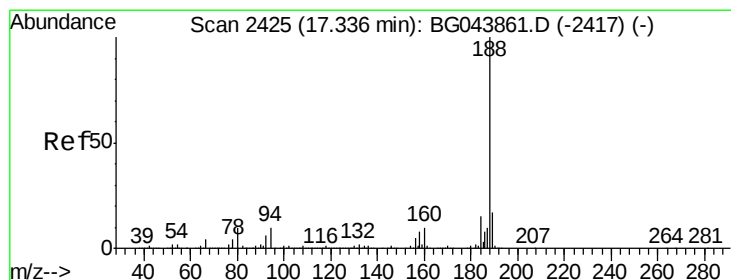
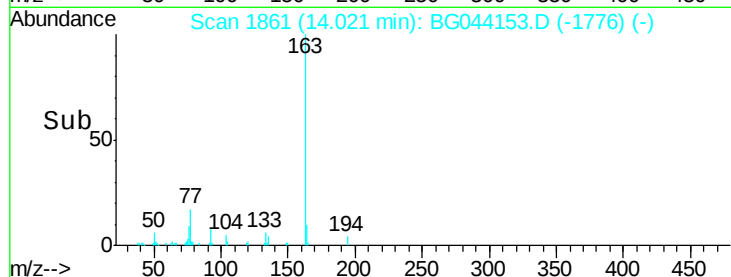
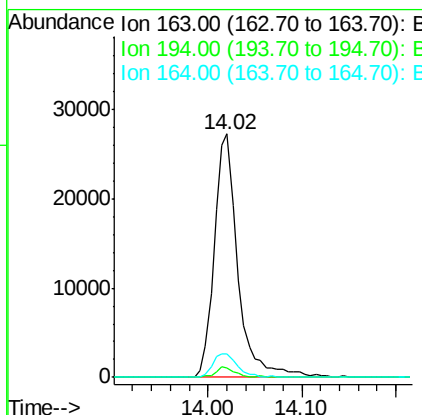
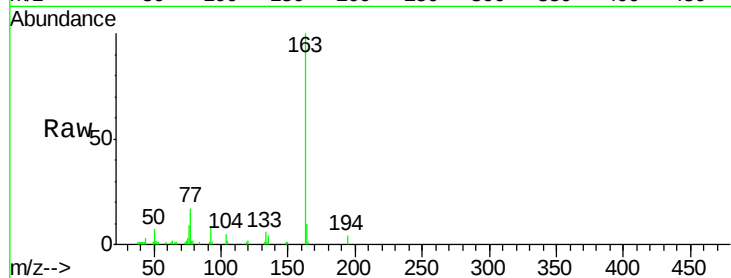




#50
Dimethylphthalate
Concen: 2.585 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044153.D
Acq: 22 Jan 2020 10:47

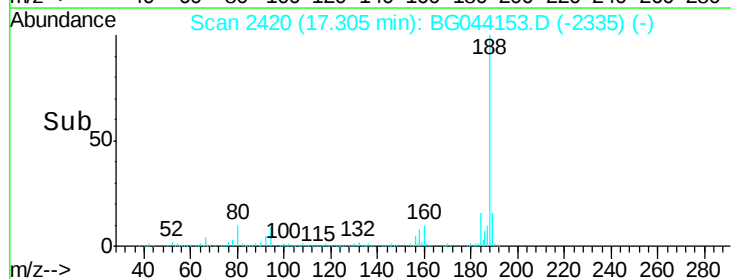
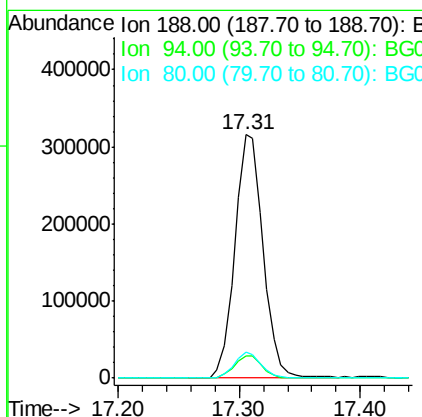
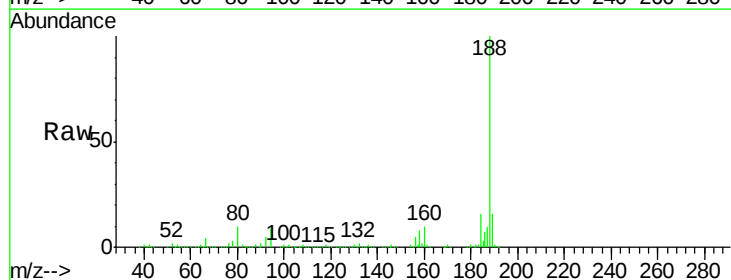
Instrument :
BNA_G
ClientSampleId :
PB126234BL

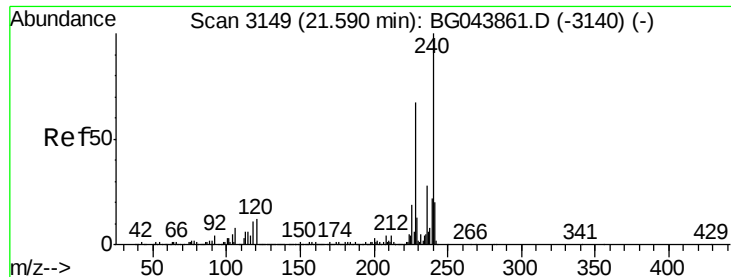
Tot Ion:163 Resp: 47878
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 9.6 9.3 13.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044153.D
Acq: 22 Jan 2020 10:47

Tgt Ion:188 Resp: 513634
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.5 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044153.D

Acq: 22 Jan 2020 10:47

Instrument :

BNA_G

ClientSampleId :

PB126234BL

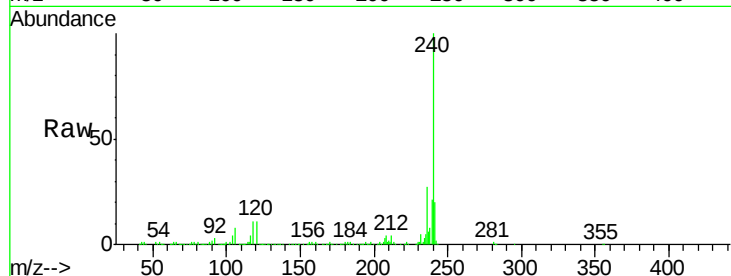
Tot Ion:240 Resp: 447497

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

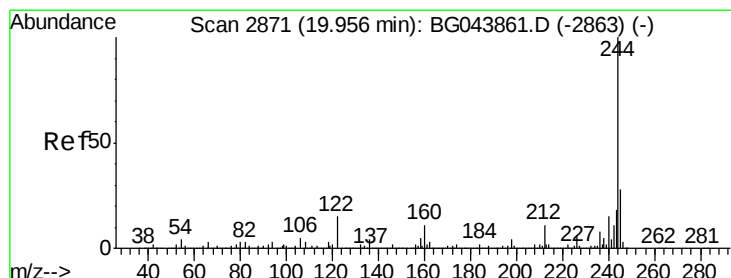
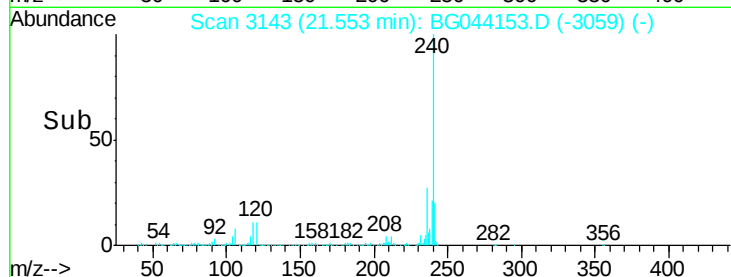
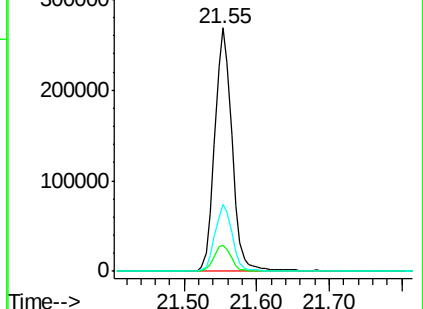
236 27.3 22.2 33.2



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: 74.385 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044153.D

Acq: 22 Jan 2020 10:47

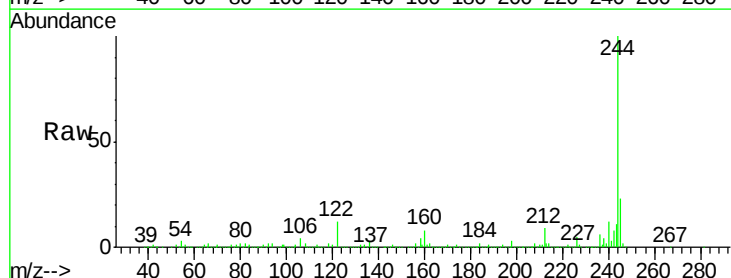
Tgt Ion:244 Resp: 1428665

Ion Ratio Lower Upper

244 100

212 8.6 8.6 13.0#

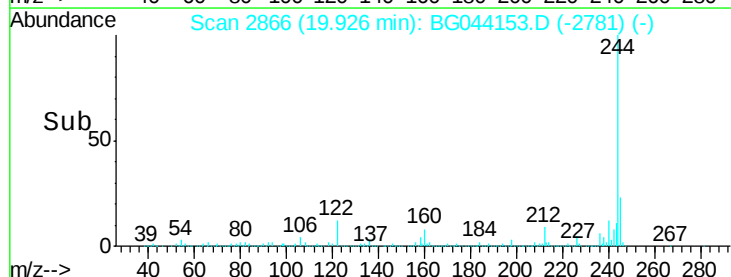
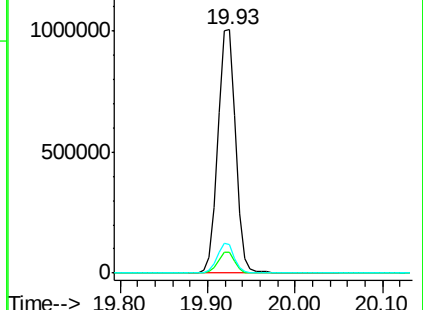
122 11.7 11.9 17.9#

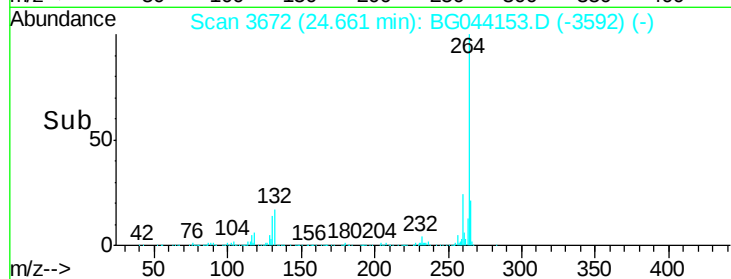
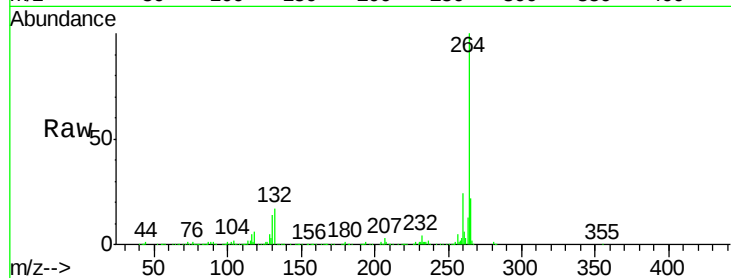
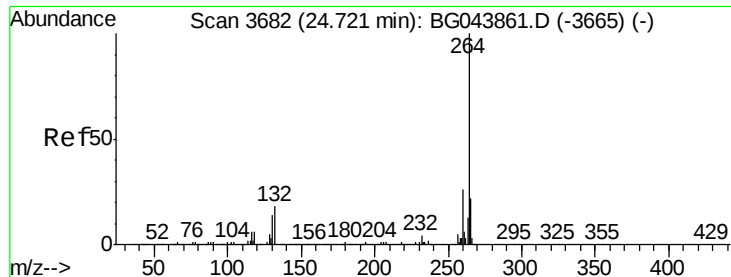


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044153.D
Acq: 22 Jan 2020 10:47

Instrument :
BNA_G
ClientSampleId :
PB126234BL

Tot Ion:264	Resp:	494515
Ion Ratio	Lower	Upper
264	100	
260	24.5	20.4 30.6
265	21.6	17.4 26.2

