

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044217.D
 Acq On : 27 Jan 2020 16:11
 Operator : CG/JU
 Sample : PB126367TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126367TB

Quant Time: Jan 28 01:06:11 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	87826	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	382550	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	264462	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	519870	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	458825	20.00	ng	-0.03
87) Perylene-d12	24.67	264	511568	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	696443	145.60	ng	-0.03
7) Phenol-d6	7.10	99	933115	139.56	ng	-0.02
23) Nitrobenzene-d5	9.08	82	561131	78.47	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	343756	124.21	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1399277	95.86	ng	-0.03
79) Terphenyl-d14	19.92	244	1952214	110.65	ng	-0.03

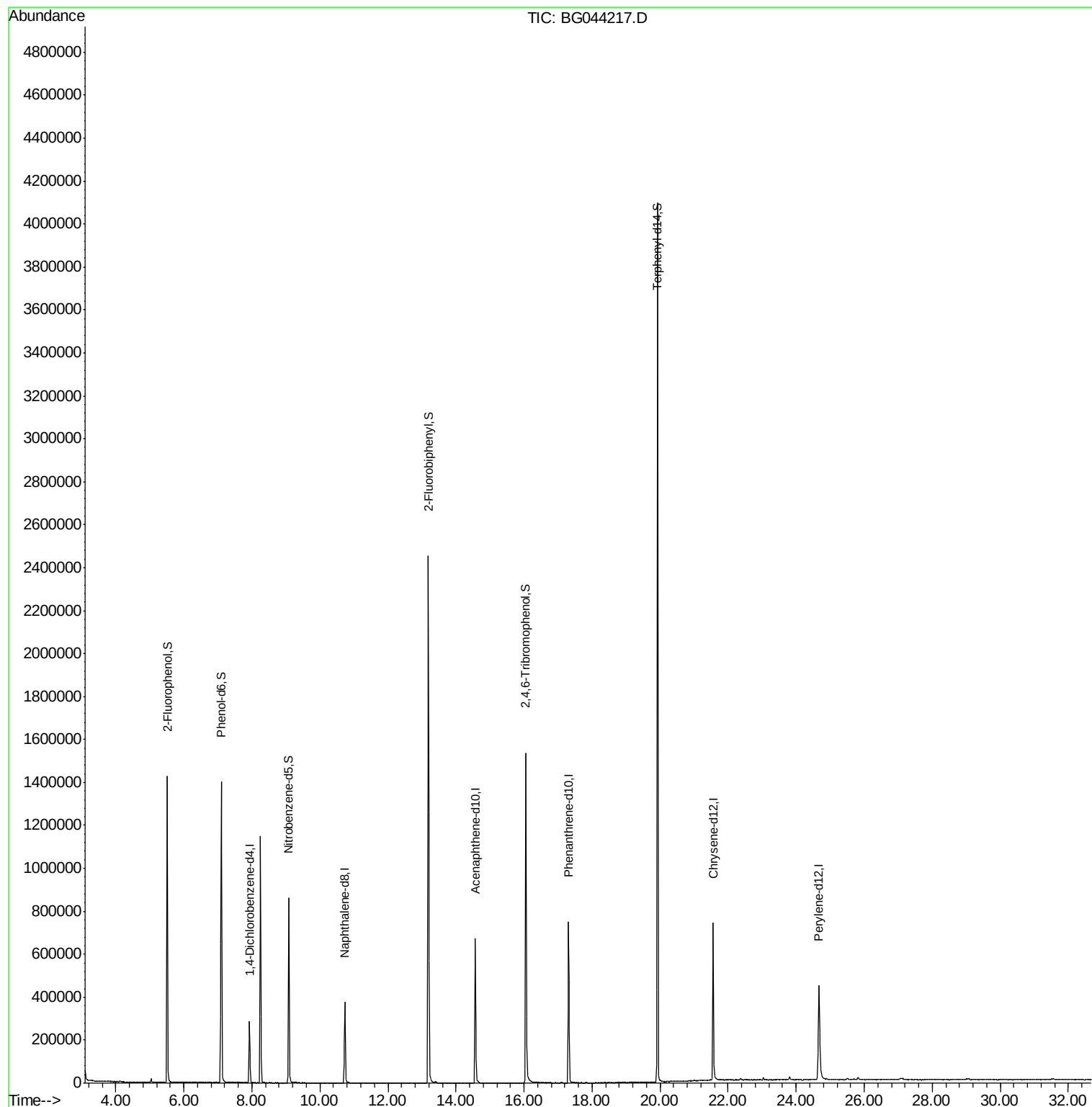
Target Compounds Qvalue

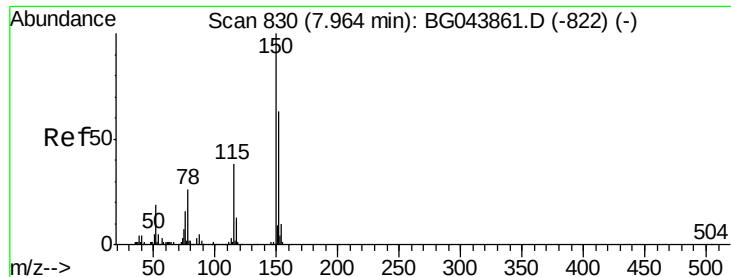
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044217.D
Acq On : 27 Jan 2020 16:11
Operator : CG/JU
Sample : PB126367TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126367TB

Quant Time: Jan 28 01:06:11 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



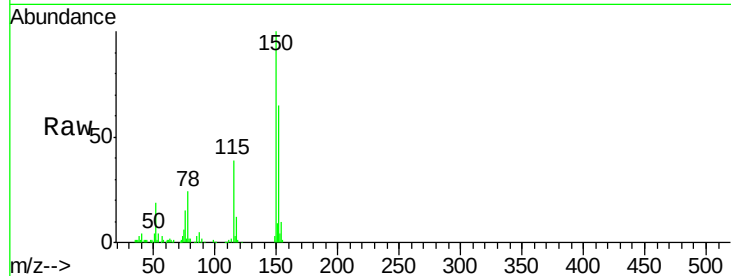


#1

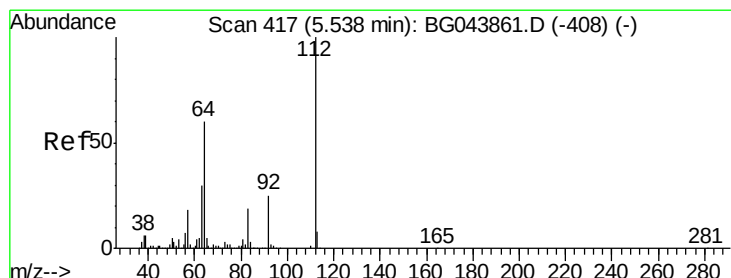
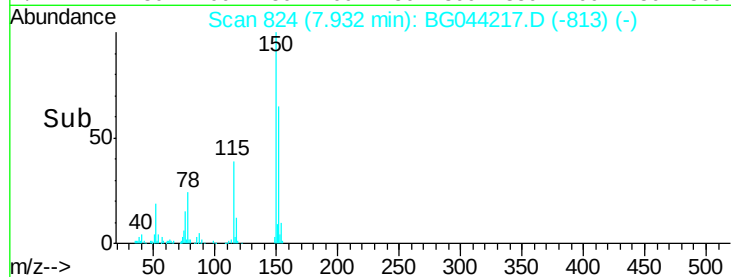
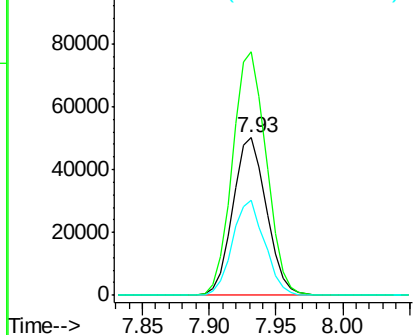
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044217.D
Acq: 27 Jan 2020 16:11

Instrument :
BNA_G
ClientSampleId :
PB126367TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.4
115	60.1	47.8	71.8



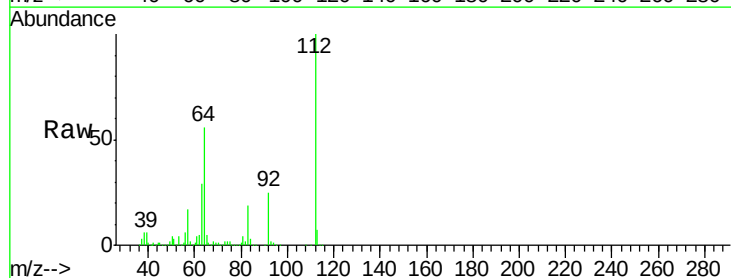
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



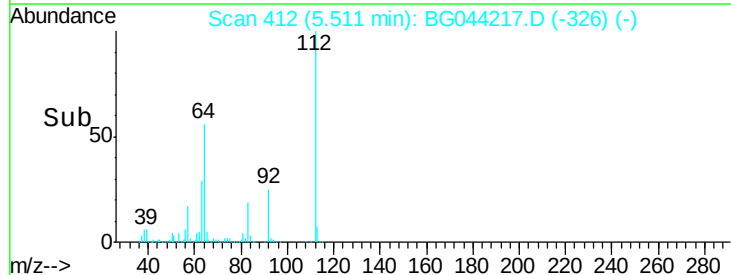
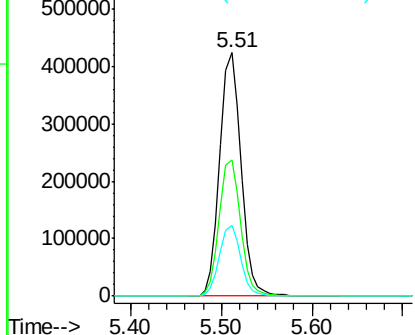
#5

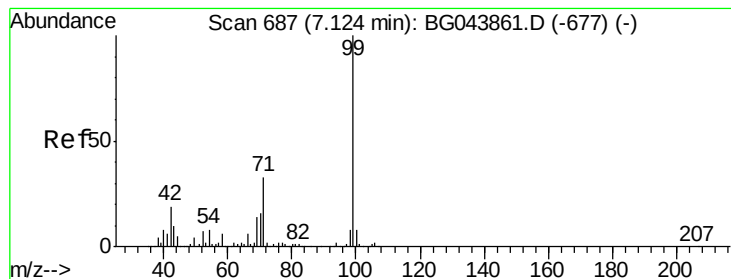
2-Fluorophenol
Concen: 145.601 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044217.D
Acq: 27 Jan 2020 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.8	71.6
63	29.1	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.560 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB126367TB

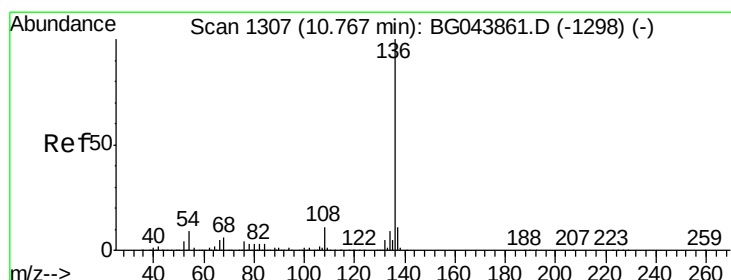
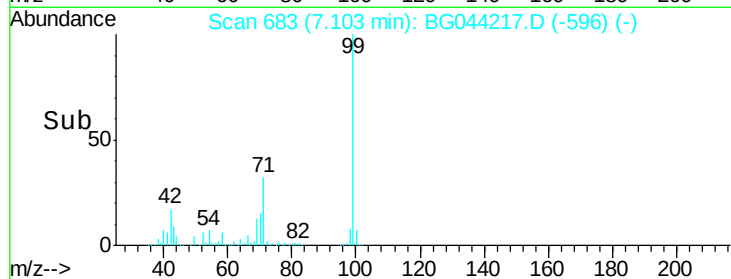
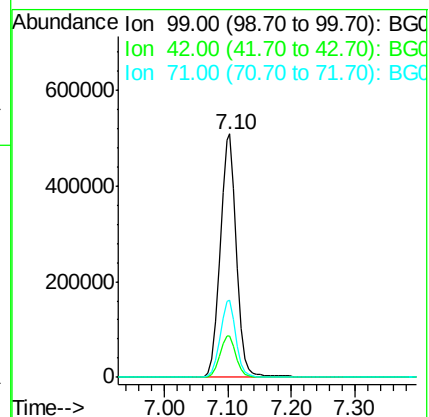
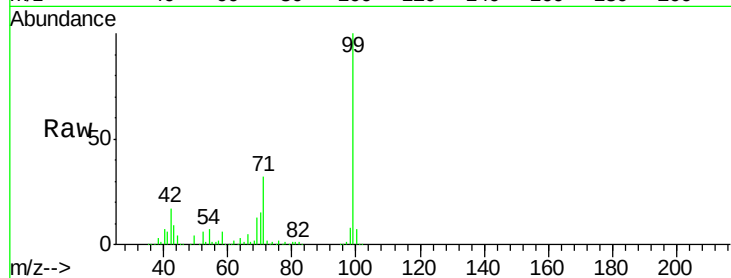
Tot Ion: 99 Resp: 933115

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 31.7 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

Tgt Ion: 136 Resp: 382550

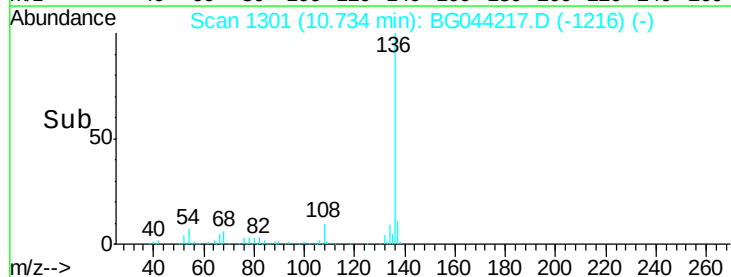
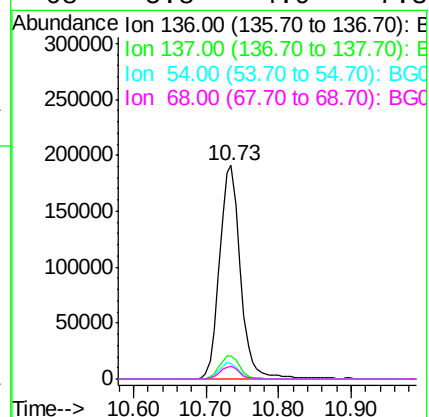
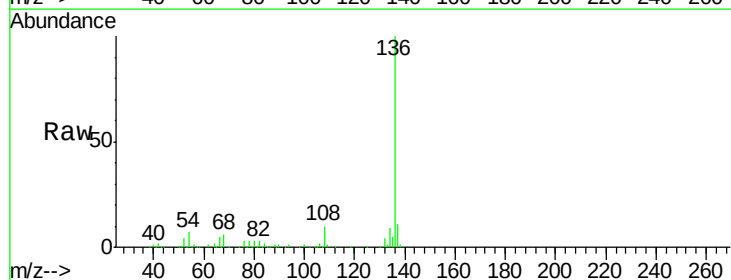
Ion Ratio Lower Upper

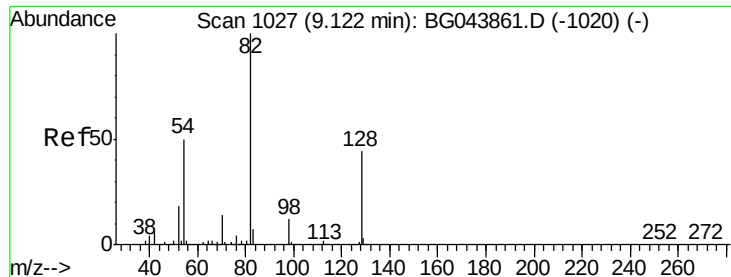
136 100

137 10.6 8.8 13.2

54 7.2 7.0 10.4

68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 78.469 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB126367TB

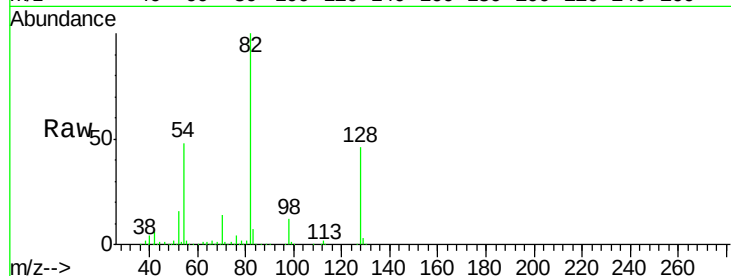
Tot Ion: 82 Resp: 561131

Ion Ratio Lower Upper

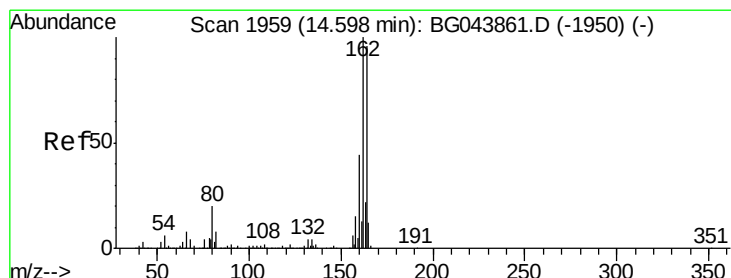
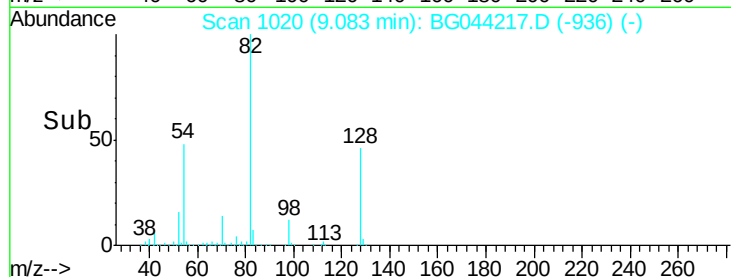
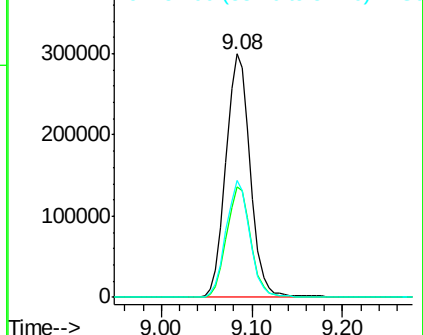
82 100

128 45.6 35.1 52.7

54 47.9 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

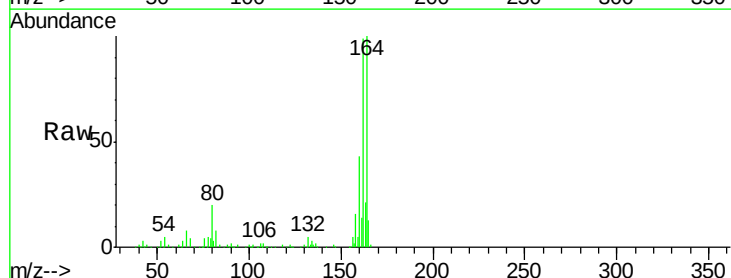
Tgt Ion: 164 Resp: 264462

Ion Ratio Lower Upper

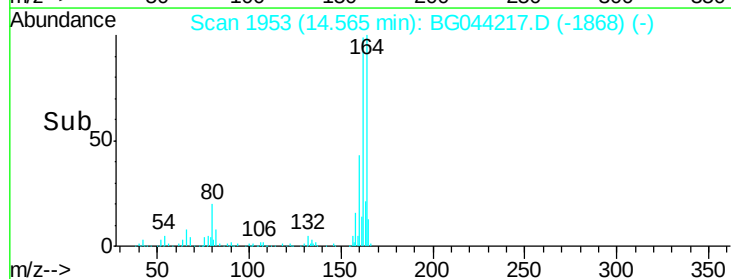
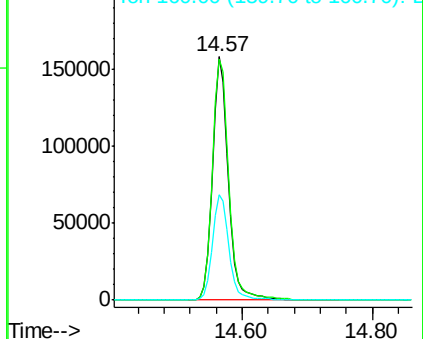
164 100

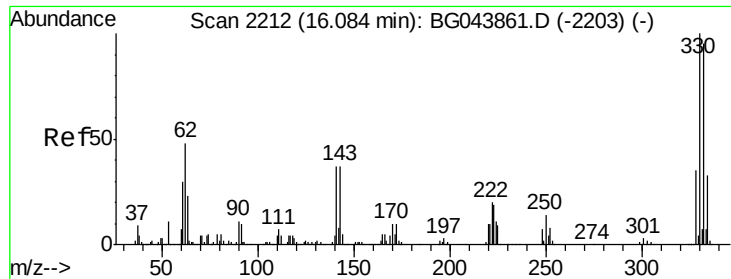
162 99.2 83.0 124.4

160 43.4 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

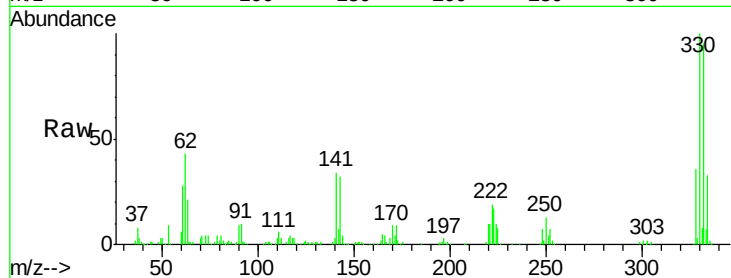




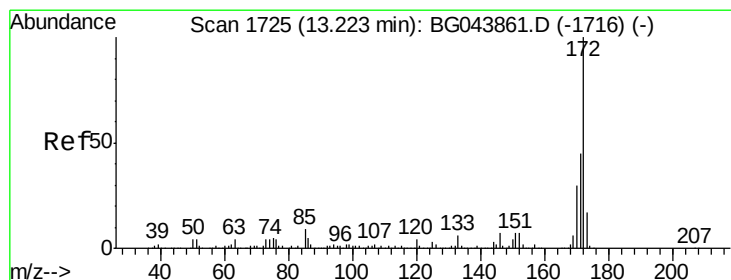
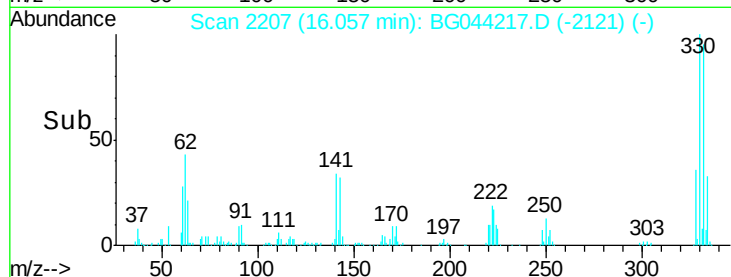
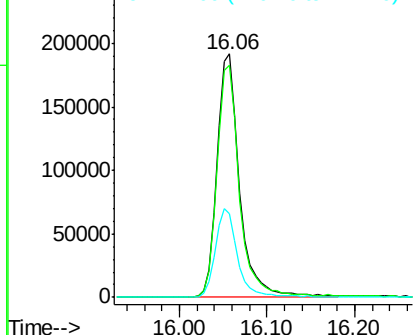
#42
 2,4,6-Tribromophenol
 Concen: 124.210 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044217.D
 Acq: 27 Jan 2020 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB126367TB

Tot Ion:330 Resp: 343756
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 36.2 33.1 49.7

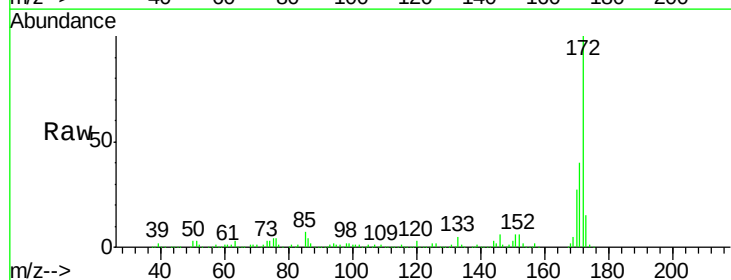


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

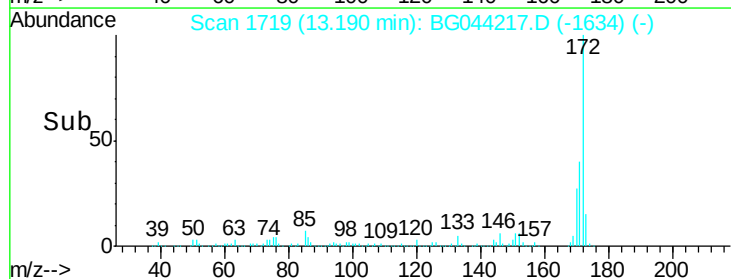
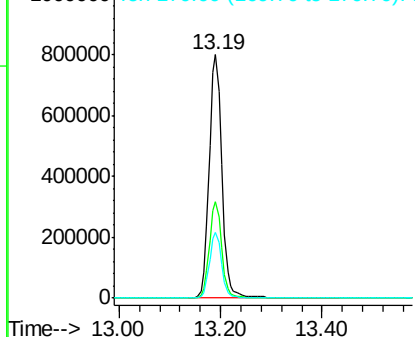


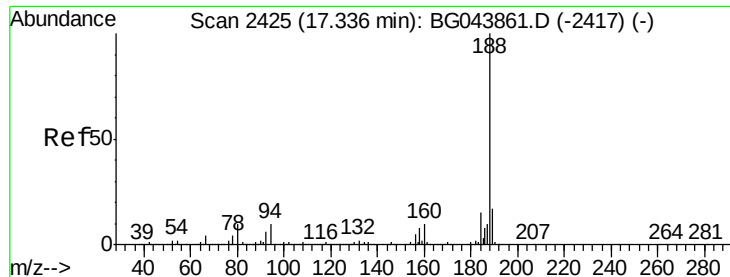
#45
 2-Fluorobiphenyl
 Concen: 95.861 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044217.D
 Acq: 27 Jan 2020 16:11

Tgt Ion:172 Resp: 1399277
 Ion Ratio Lower Upper
 172 100
 171 39.6 35.8 53.8
 170 27.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB126367TB

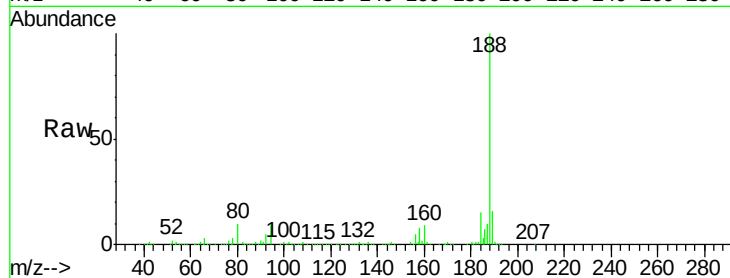
Tot Ion:188 Resp: 519870

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

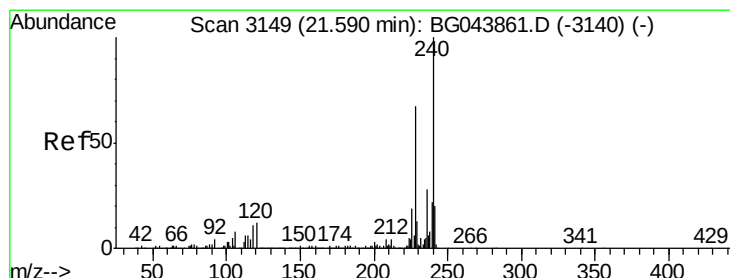
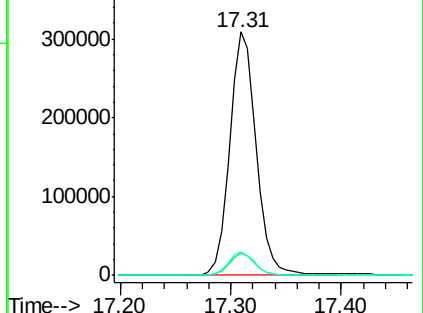
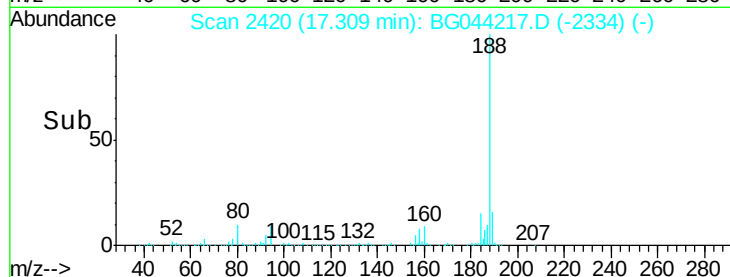
80 9.8 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

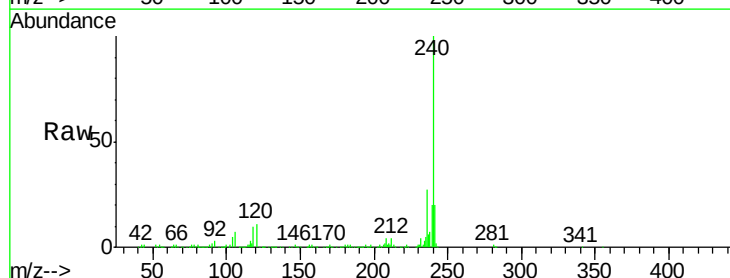
Tgt Ion:240 Resp: 458825

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

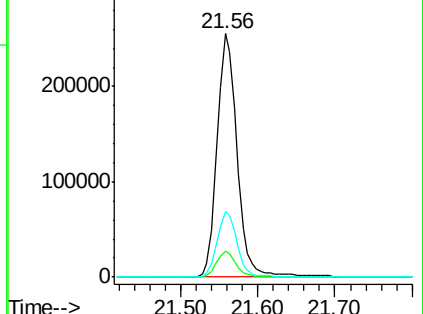
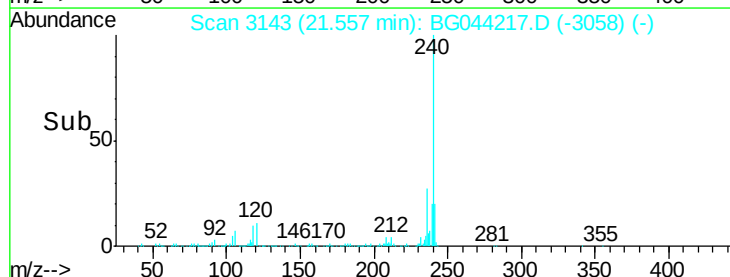
236 27.2 22.2 33.2

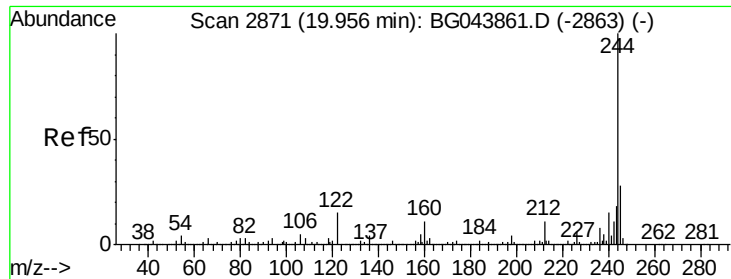


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.649 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB126367TB

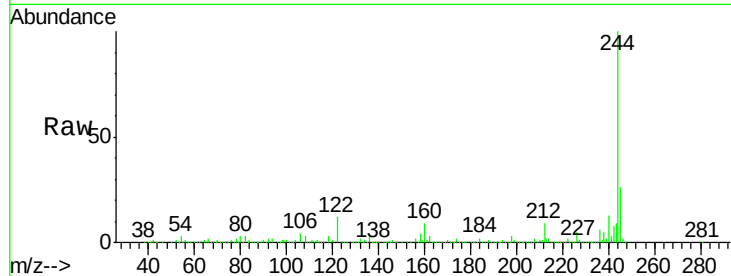
Tot Ion:244 Resp: 1952214

Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.6	13.0
122	12.4	11.9	17.9

244 100

212 9.2 8.6 13.0

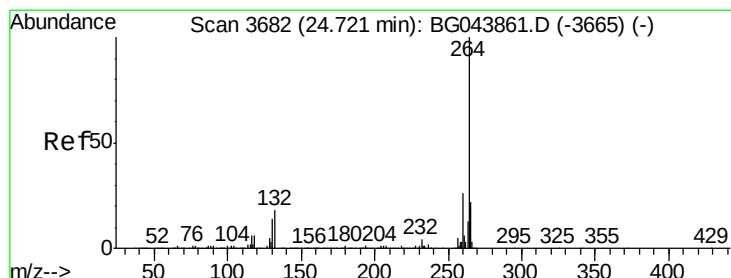
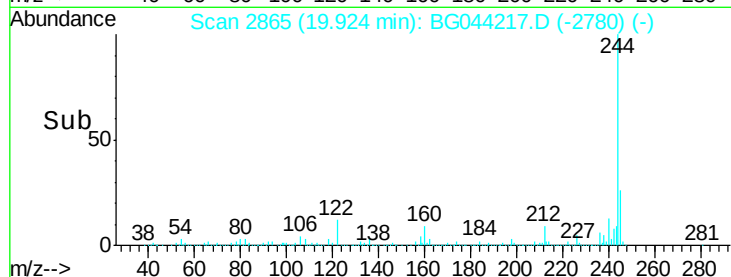
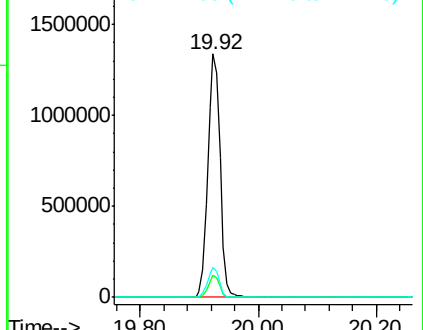
122 12.4 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044217.D

Acq: 27 Jan 2020 16:11

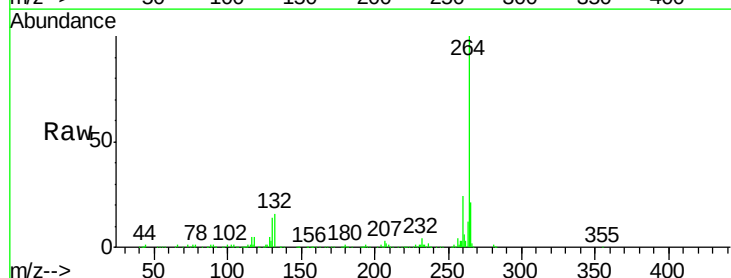
Tgt Ion:264 Resp: 511568

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.0	17.4	26.2

264 100

260 24.5 20.4 30.6

265 21.0 17.4 26.2



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

