

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044142.D
 Acq On : 21 Jan 2020 20:36
 Operator : JU
 Sample : PB126236BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BL

Quant Time: Jan 22 07:21:14 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	83887	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	374768	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	259638	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	531984	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	470613	20.00	ng	-0.03
87) Perylene-d12	24.66	264	516732	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	292047	63.92	ng	-0.03
7) Phenol-d6	7.10	99	242679	38.00	ng	-0.02
23) Nitrobenzene-d5	9.09	82	554103	79.09	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	349337	128.57	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1288607	89.92	ng	-0.03
79) Terphenyl-d14	19.92	244	1851558	98.92	ng	-0.03

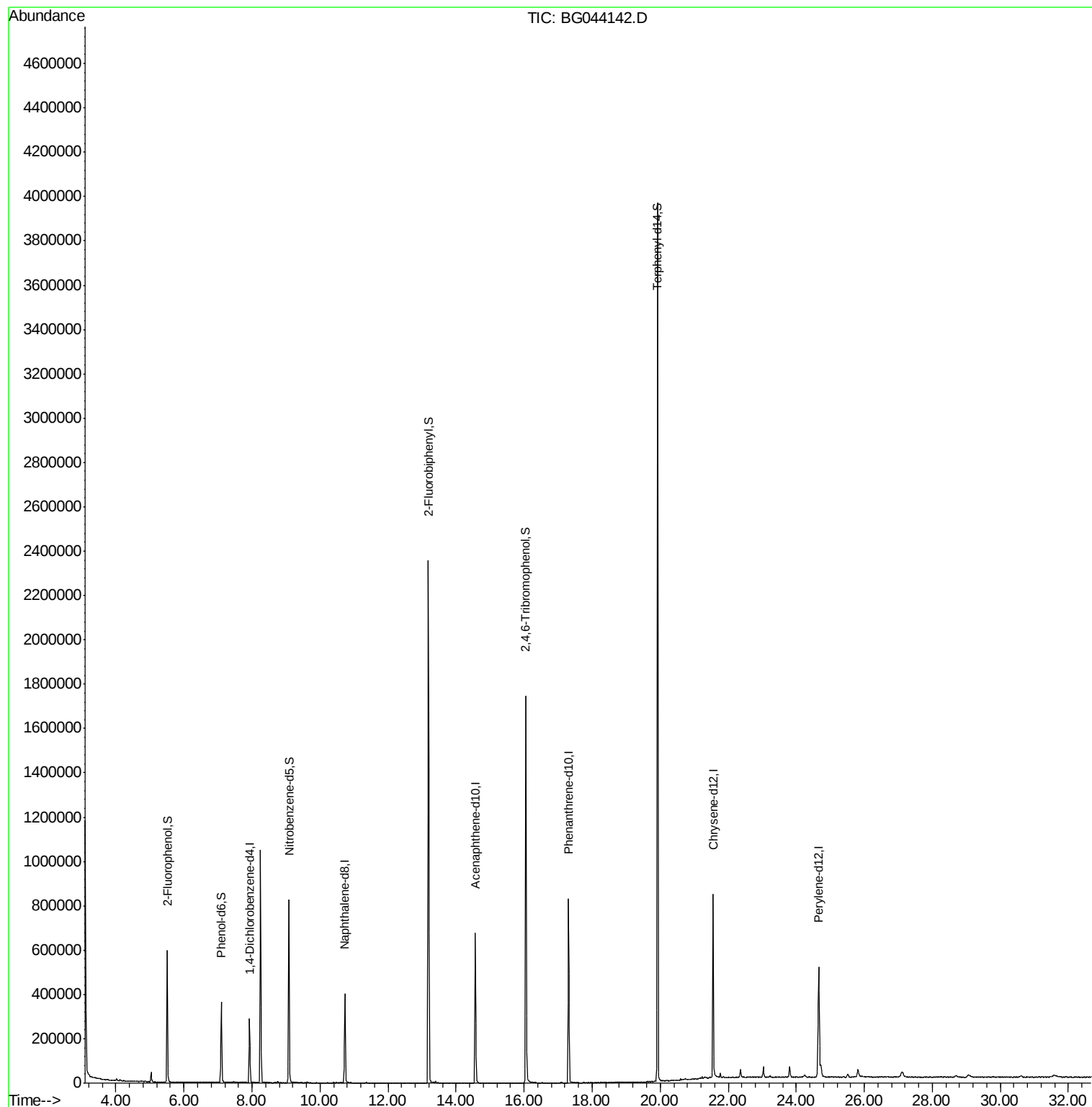
Target Compounds Qvalue

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

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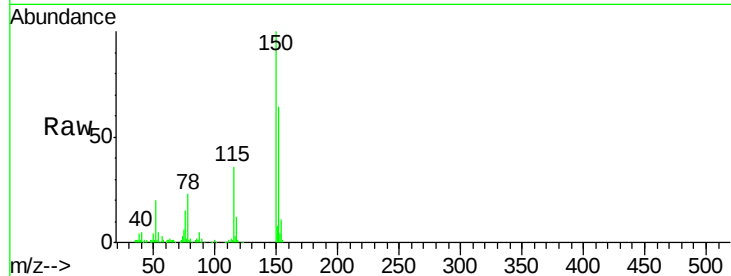


#1

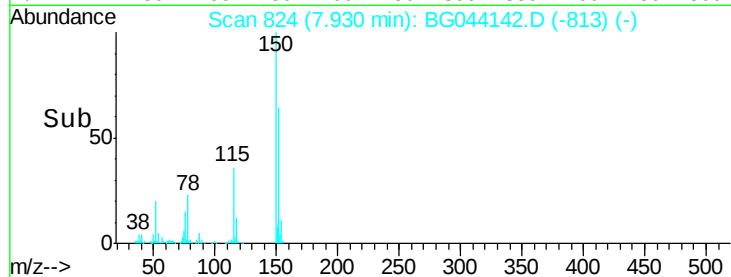
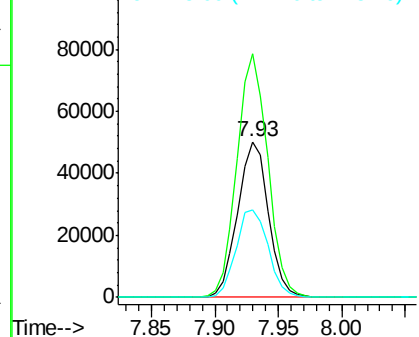
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

Instrument :
BNA_G
ClientSampleId :
PB126236BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	56.5	47.8	71.8



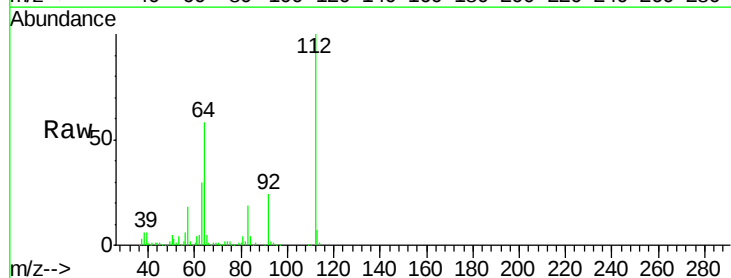
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



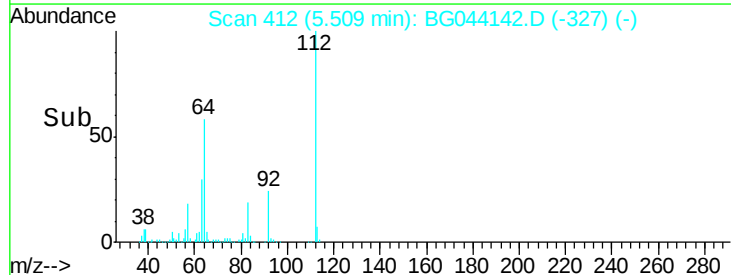
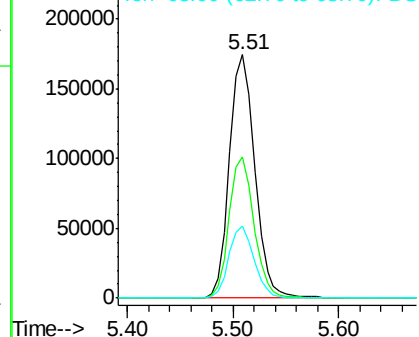
#5

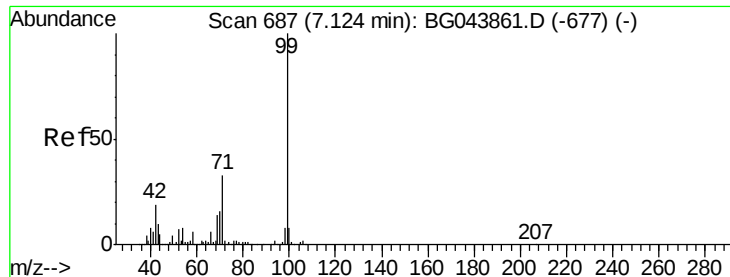
2-Fluorophenol
Concen: 63.923 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.8	71.6
63	29.6	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: 38.000 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

Instrument :

BNA_G

ClientSampleId :

PB126236BL

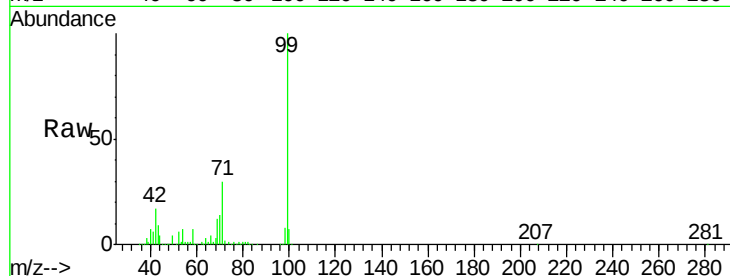
Tot Ion: 99 Resp: 242679

Ion Ratio Lower Upper

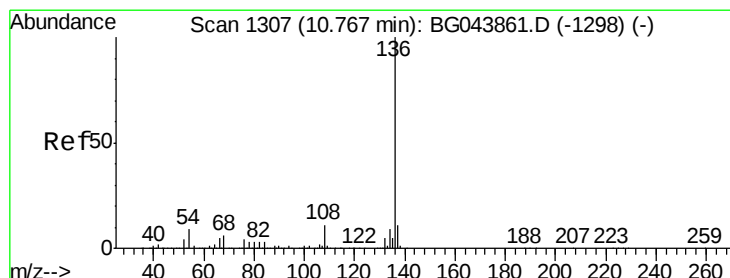
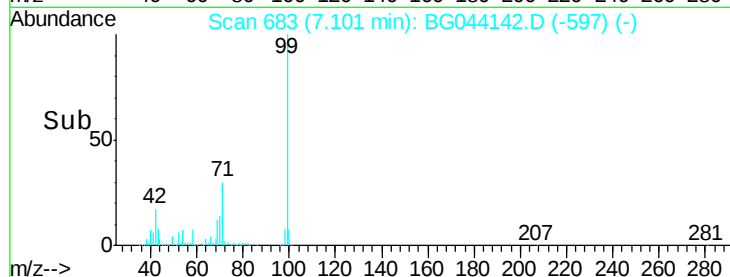
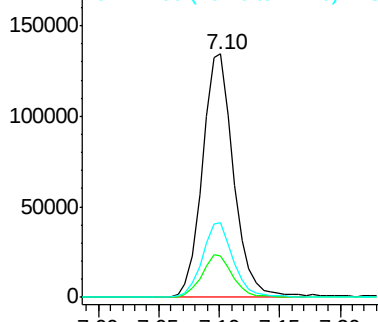
99 100

42 16.8 14.9 22.3

71 30.4 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. -0.03 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

Tgt Ion: 136 Resp: 374768

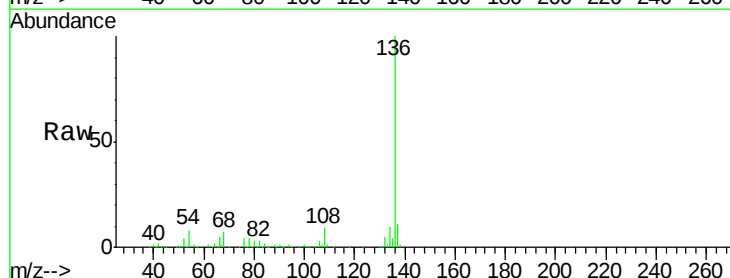
Ion Ratio Lower Upper

136 100

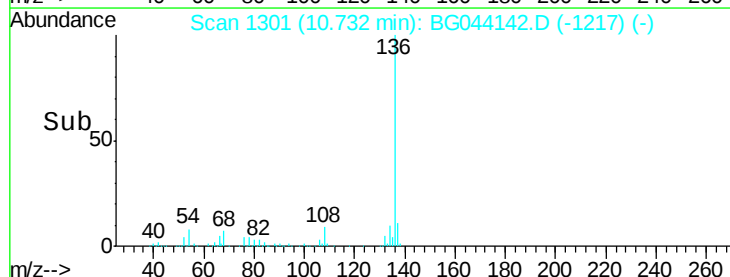
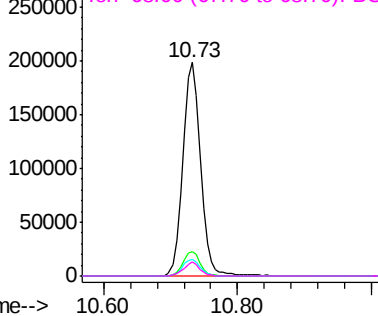
137 11.1 8.8 13.2

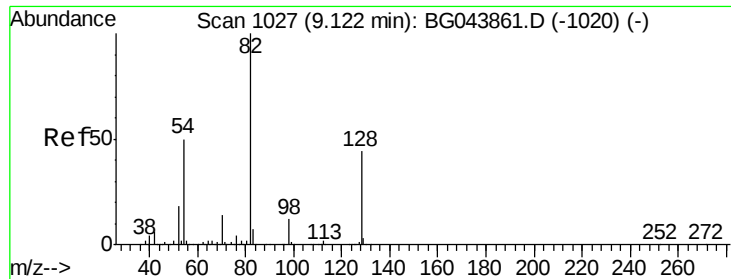
54 7.7 7.0 10.4

68 6.6 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

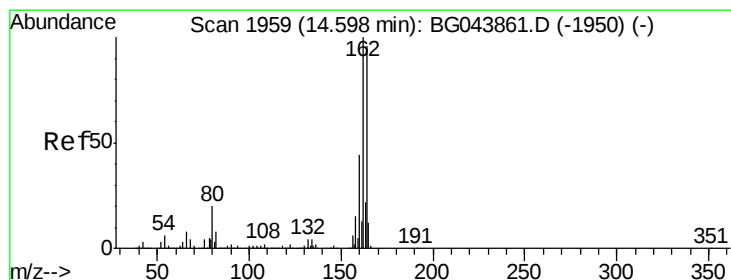
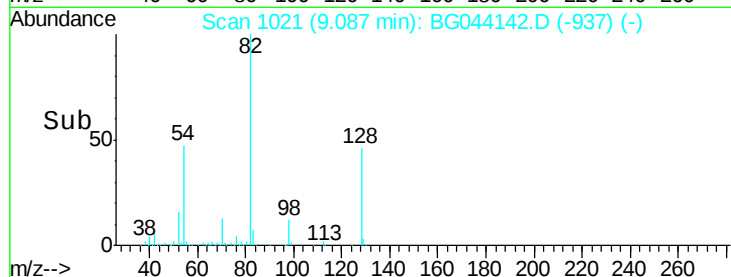
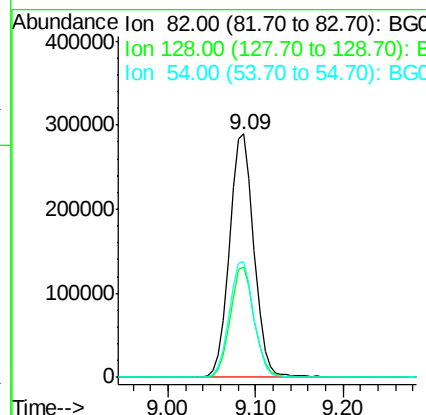
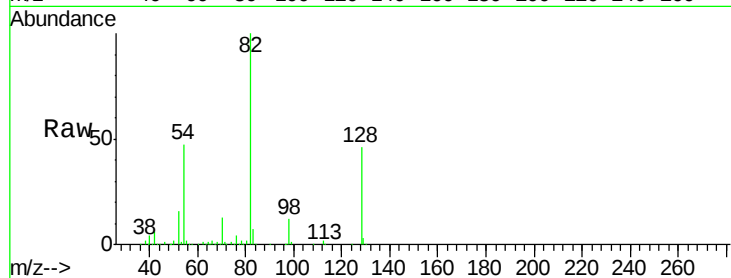




#23
Nitrobenzene-d5
Concen: 79.095 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

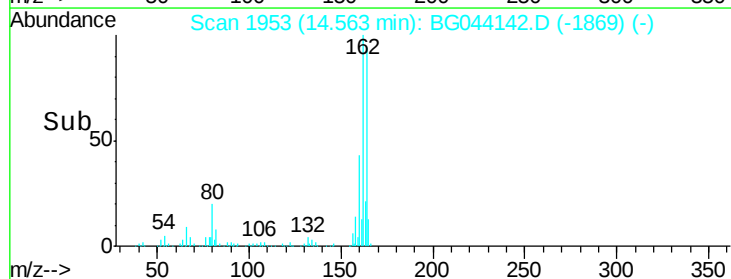
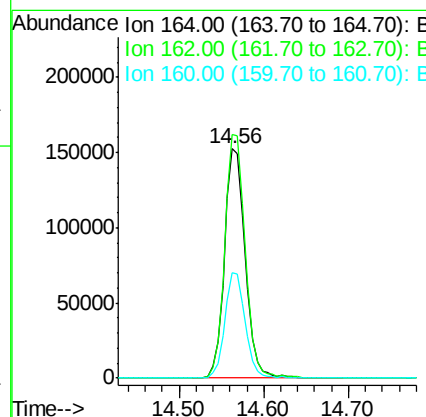
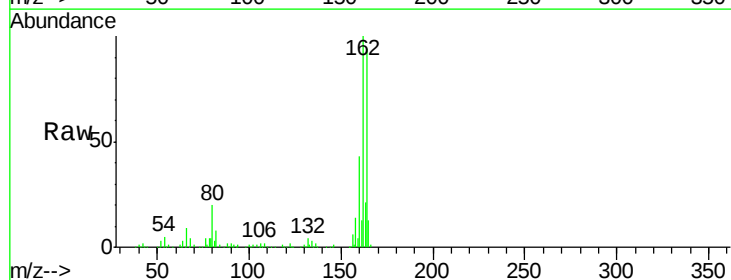
Instrument :
BNA_G
ClientSampleId :
PB126236BL

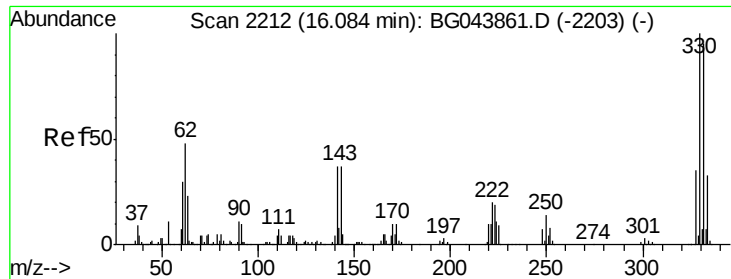
Tot Ion	82	Resp	554103
Ion Ratio	100	Lower	Upper
128	45.6	35.1	52.7
54	47.5	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

Tgt Ion	164	Resp	259638
Ion Ratio	100	Lower	Upper
162	106.3	83.0	124.4
160	46.1	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 128.572 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

Instrument :

BNA_G

ClientSampleId :

PB126236BL

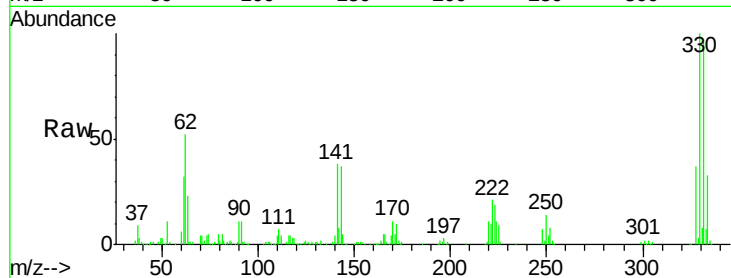
Tot Ion:330 Resp: 349337

Ion Ratio Lower Upper

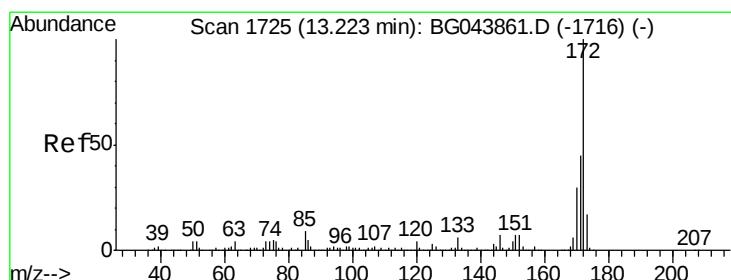
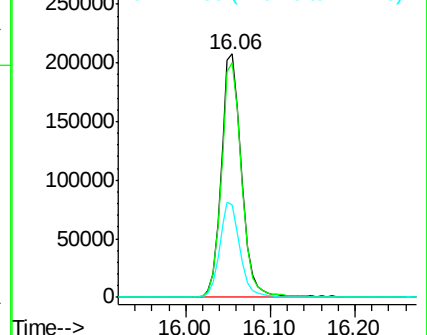
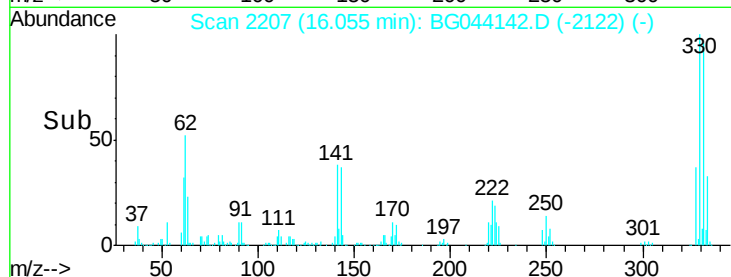
330 100

332 96.1 77.2 115.8

141 39.0 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: 89.920 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

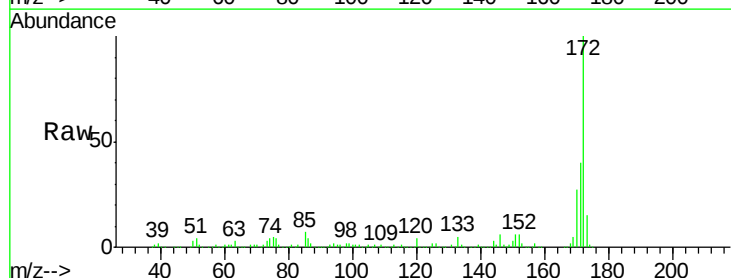
Tgt Ion:172 Resp: 1288607

Ion Ratio Lower Upper

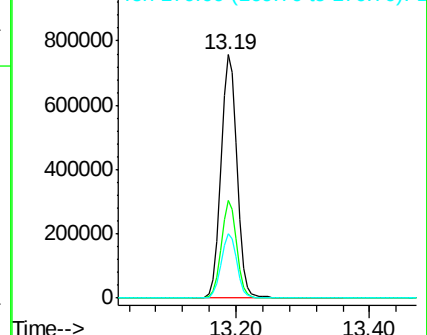
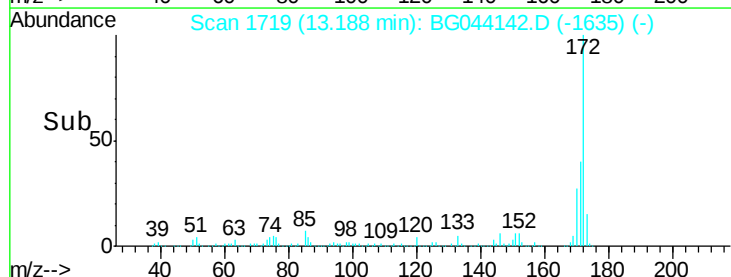
172 100

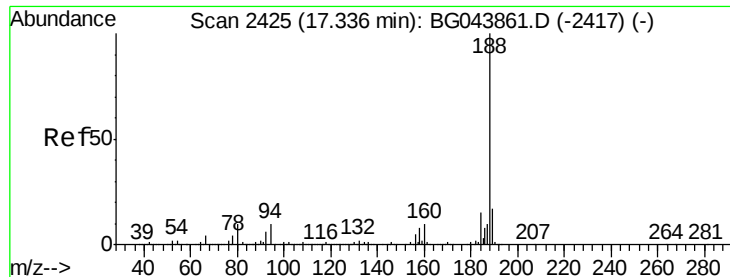
171 40.0 35.8 53.8

170 26.6 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

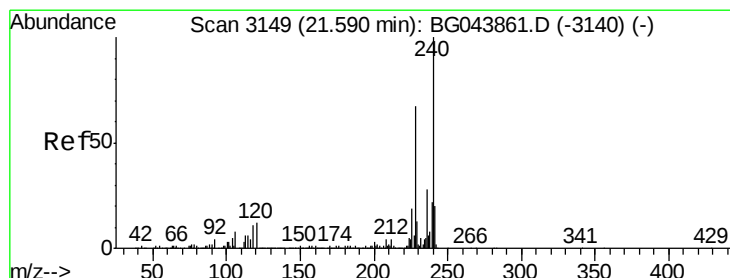
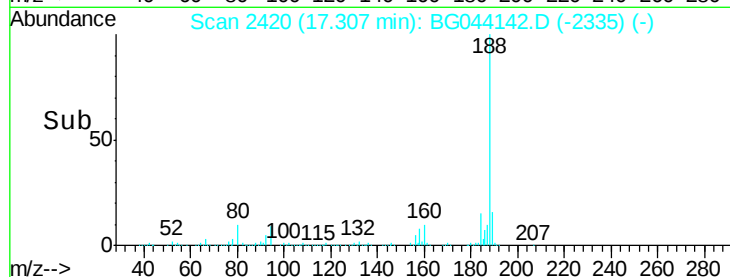
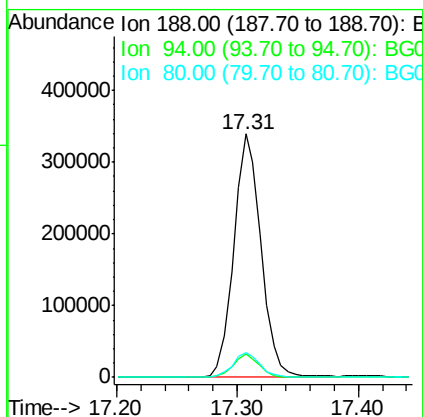
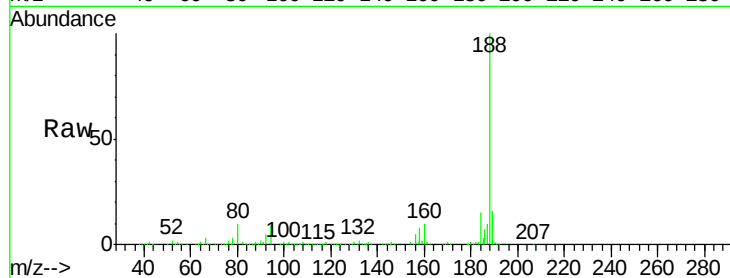




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

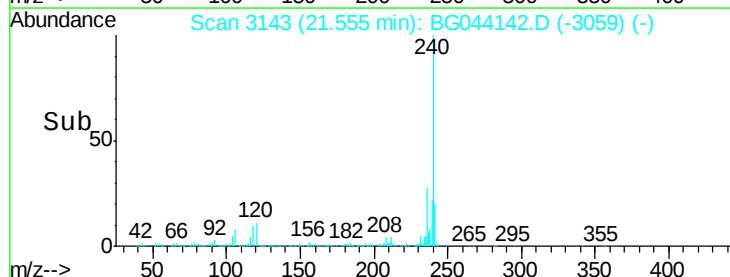
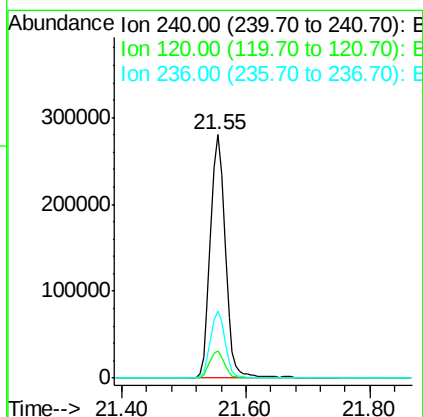
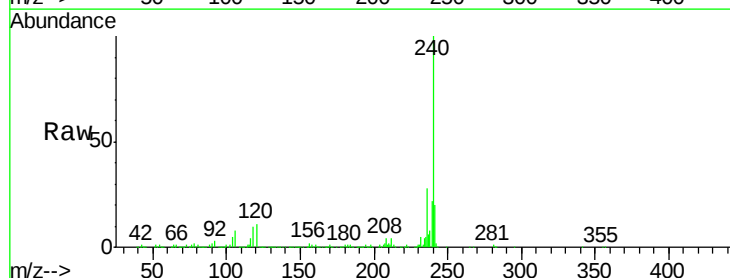
Instrument :
BNA_G
ClientSampleId :
PB126236BL

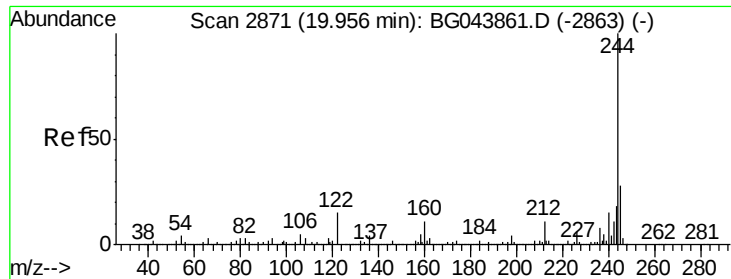
Tot Ion:188 Resp: 531984
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044142.D
Acq: 21 Jan 2020 20:36

Tgt Ion:240 Resp: 470613
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 27.7 22.2 33.2





#79

Terphenyl-d14

Concen: 98.918 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

Instrument :

BNA_G

ClientSampleId :

PB126236BL

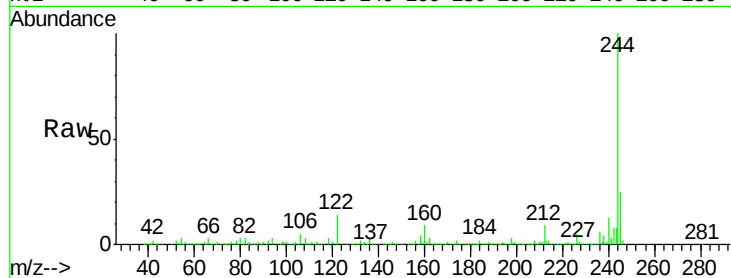
Tot Ion:244 Resp: 1851558

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

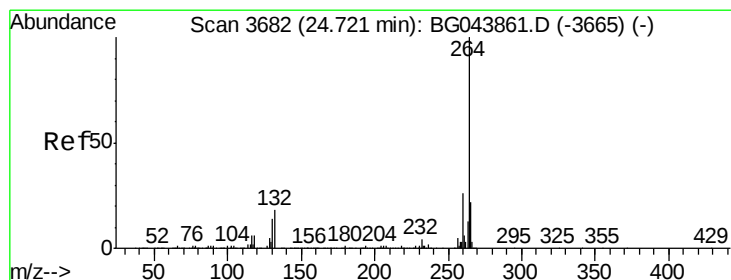
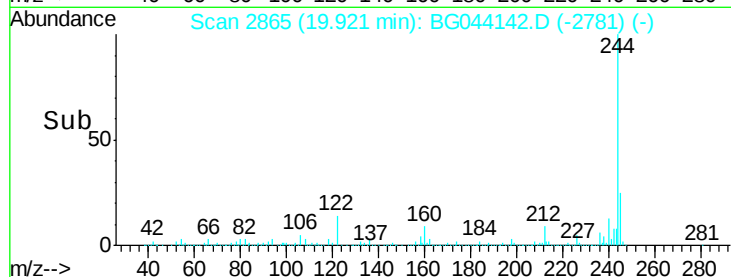
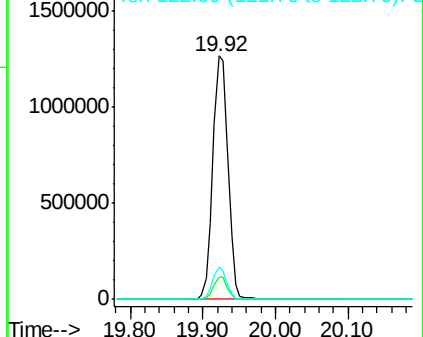
122 13.6 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044142.D

Acq: 21 Jan 2020 20:36

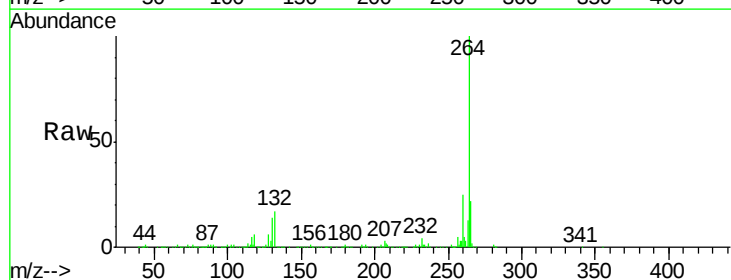
Tgt Ion:264 Resp: 516732

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 22.1 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

