

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044166.D
 Acq On : 23 Jan 2020 14:21
 Operator : JU
 Sample : PB126284BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BL

Quant Time: Jan 24 05:28:41 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	73240	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	325219	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	230060	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	493001	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	423436	20.00	ng	-0.04
87) Perylene-d12	24.66	264	465359	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	577026	144.66	ng	-0.03
7) Phenol-d6	7.10	99	786036	140.98	ng	-0.02
23) Nitrobenzene-d5	9.09	82	483199	79.48	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	322877	134.11	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1170480	92.18	ng	-0.04
79) Terphenyl-d14	19.93	244	1781918	108.89	ng	-0.03

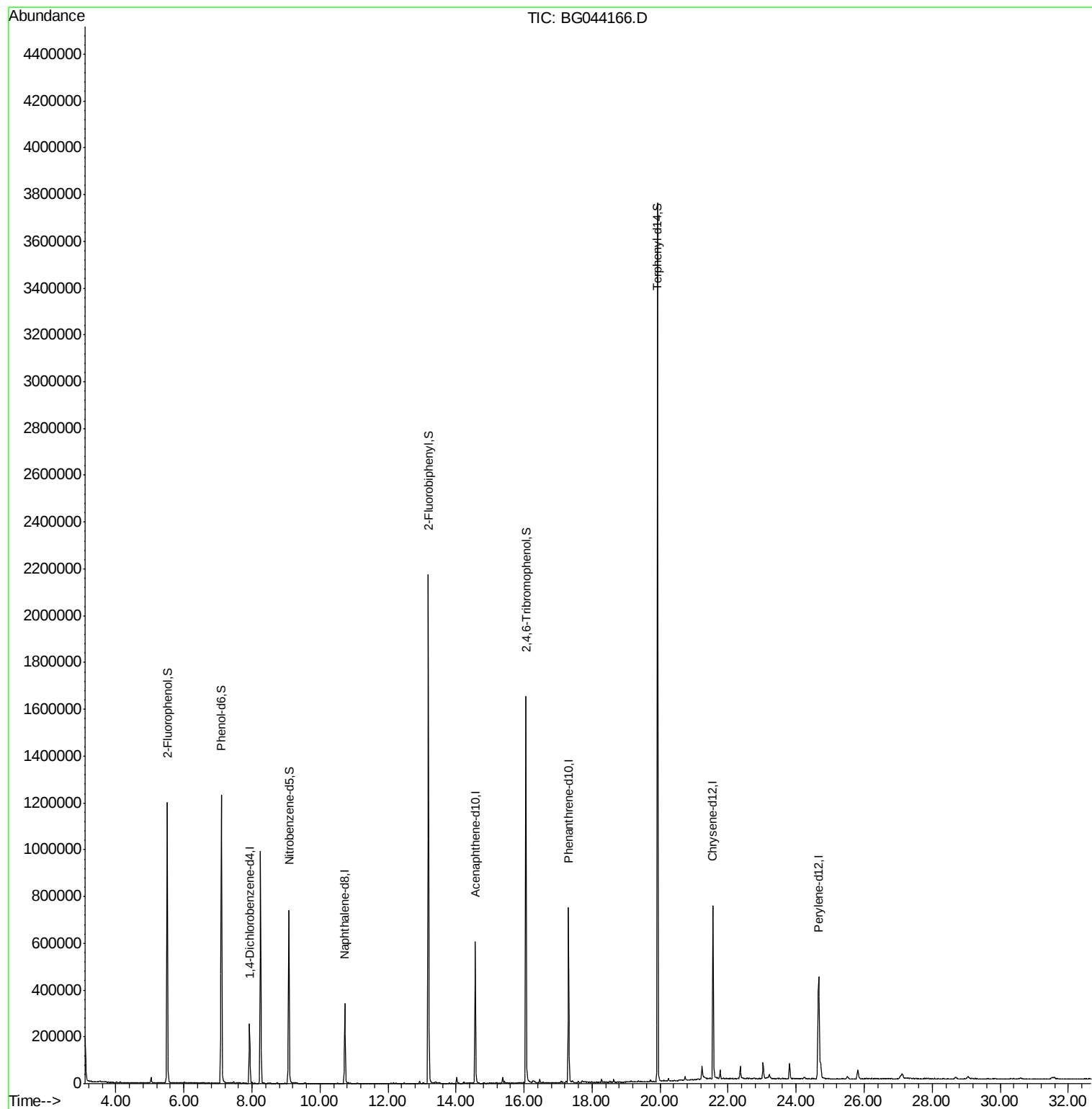
Target Compounds Qvalue

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

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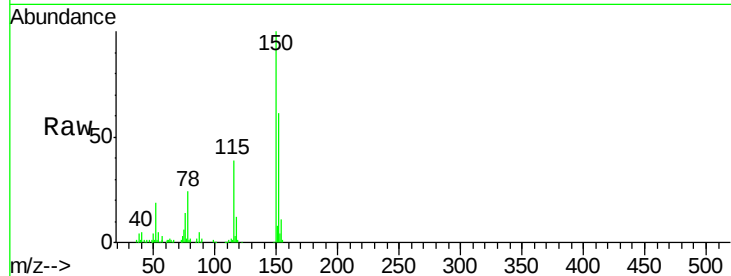


#1

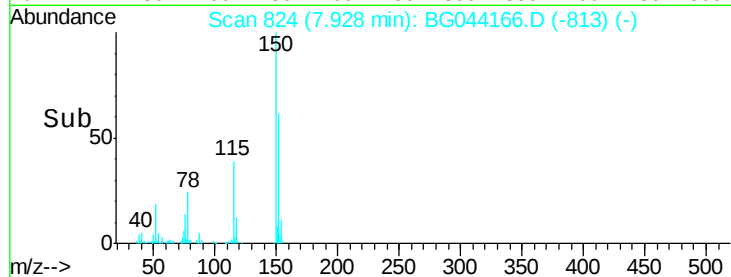
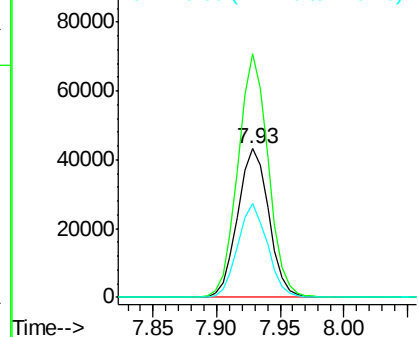
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044166.D
Acq: 23 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB126284BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	127.0	190.4
115	63.3	47.8	71.8



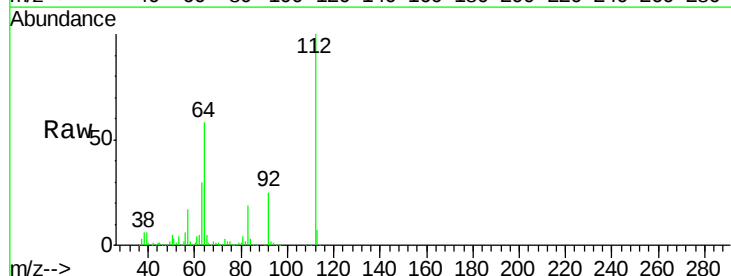
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



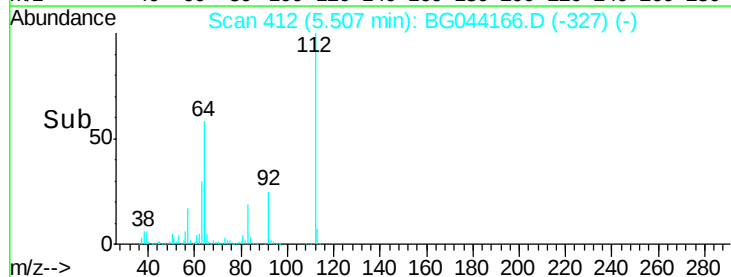
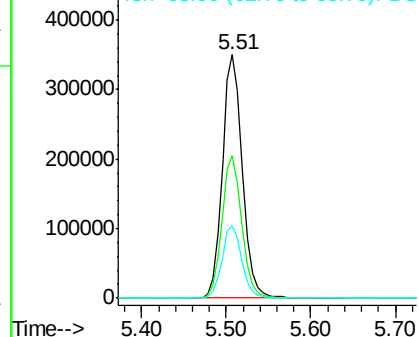
#5

2-Fluorophenol
Concen: 144.660 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044166.D
Acq: 23 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.8	71.6
63	29.7	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: 140.976 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB126284BL

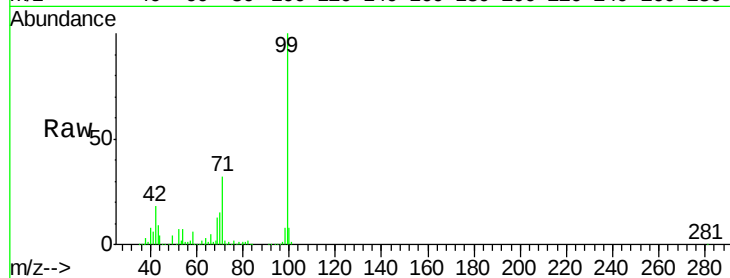
Tot Ion: 99 Resp: 786036

Ion Ratio Lower Upper

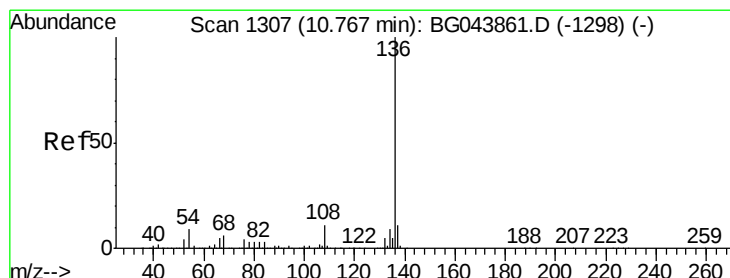
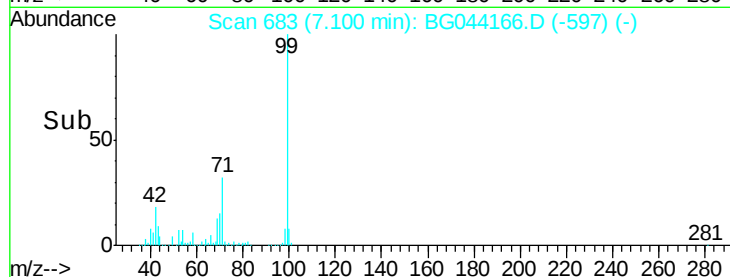
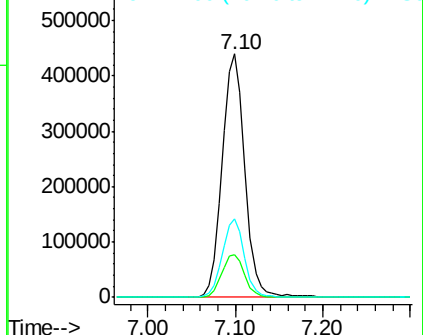
99 100

42 17.7 14.9 22.3

71 32.0 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: BG044166.D

Acq: 23 Jan 2020 14:21

Tgt Ion: 136 Resp: 325219

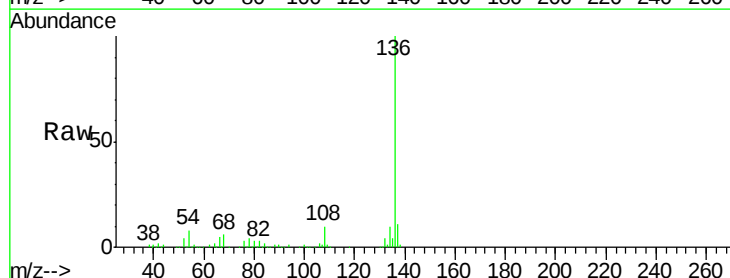
Ion Ratio Lower Upper

136 100

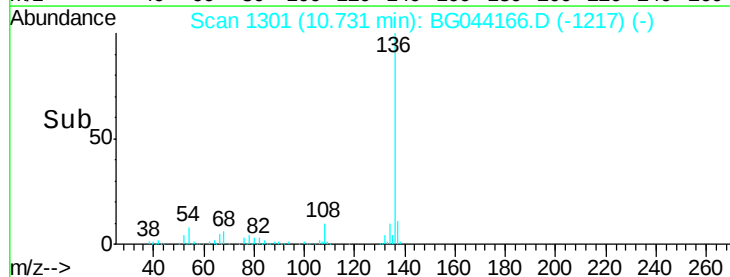
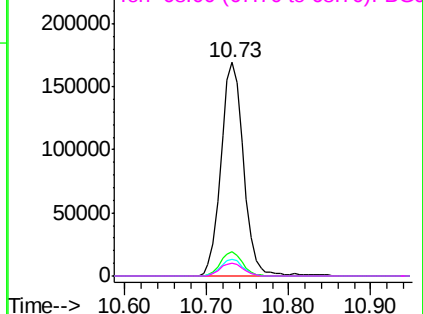
137 11.4 8.8 13.2

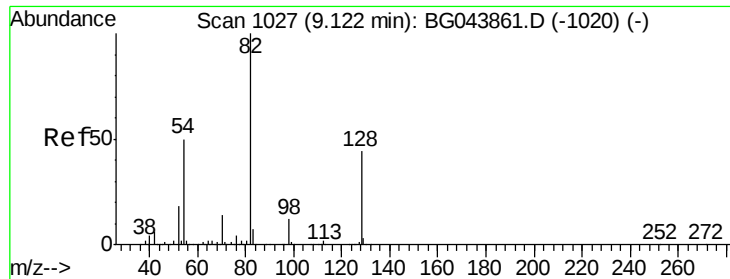
54 7.7 7.0 10.4

68 6.3 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

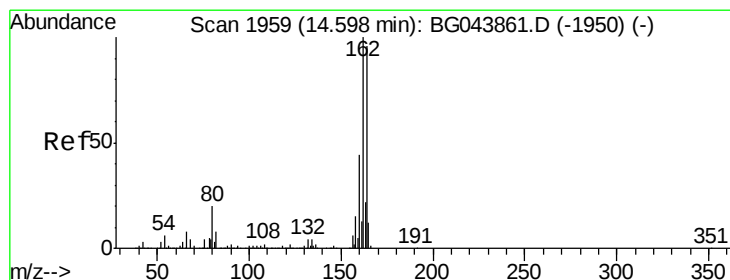
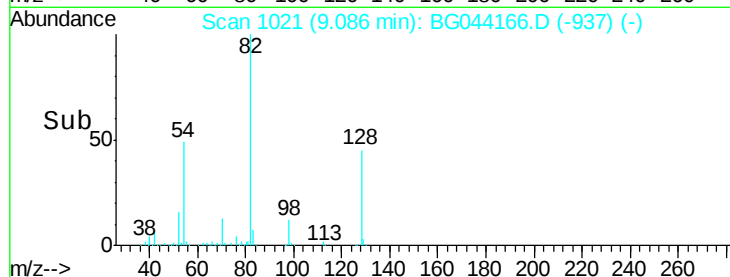
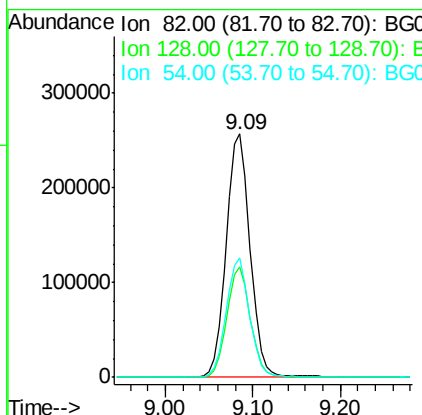
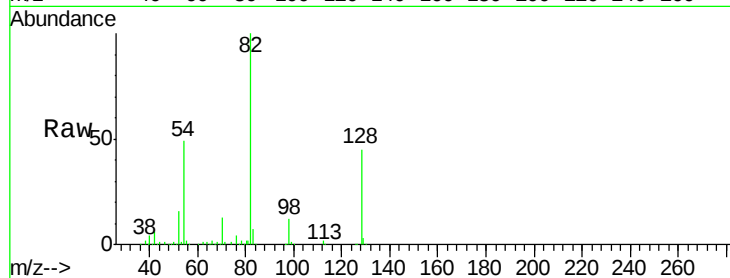




#23
Nitrobenzene-d5
Concen: 79.482 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044166.D
Acq: 23 Jan 2020 14:21

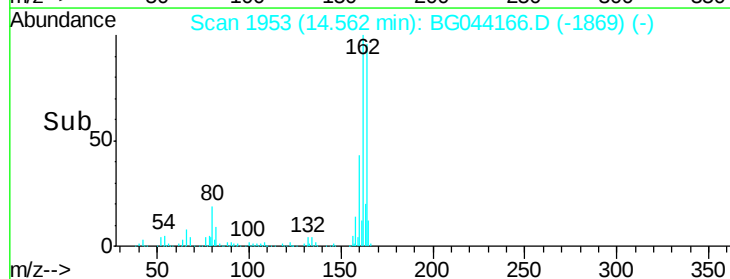
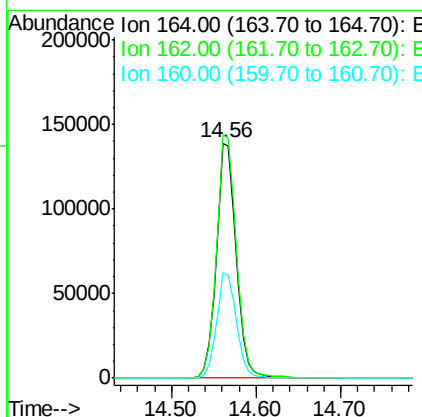
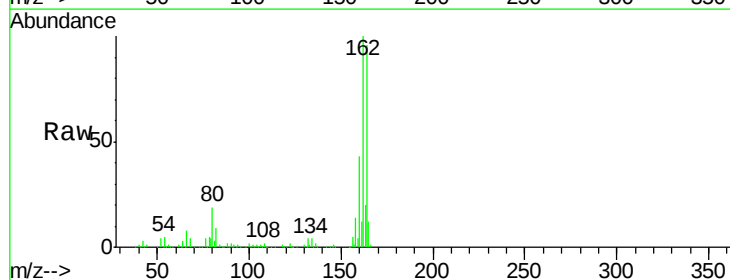
Instrument :
BNA_G
ClientSampleId :
PB126284BL

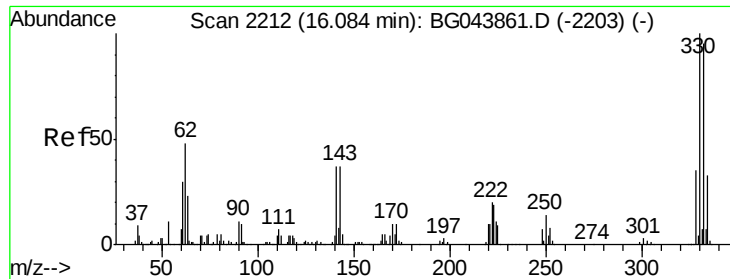
Tot Ion	82	Resp	483199
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.1	52.7
54	48.9	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG044166.D
Acq: 23 Jan 2020 14:21

Tgt Ion	164	Resp	230060
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.0	124.4
160	45.1	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 134.111 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB126284BL

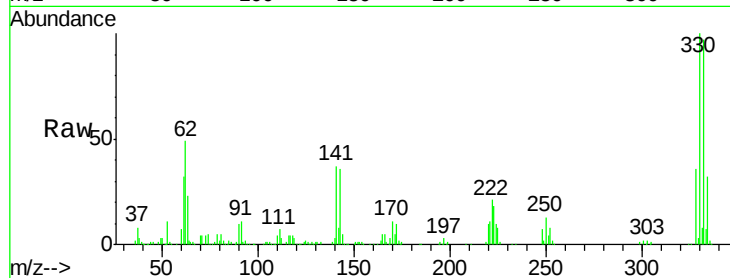
Tot Ion:330 Resp: 322877

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

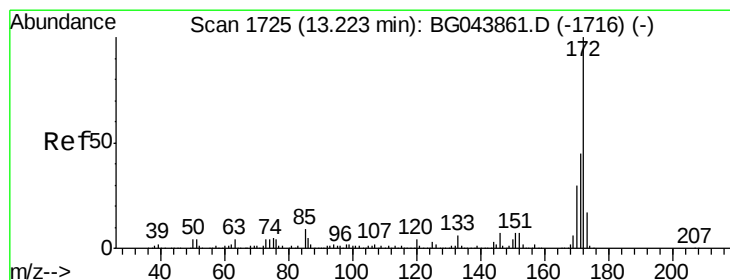
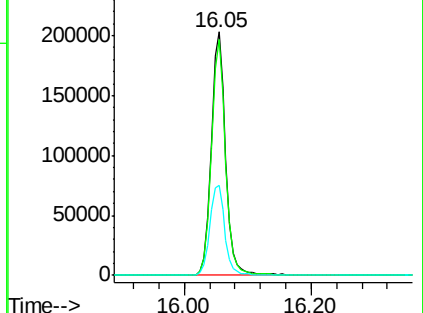
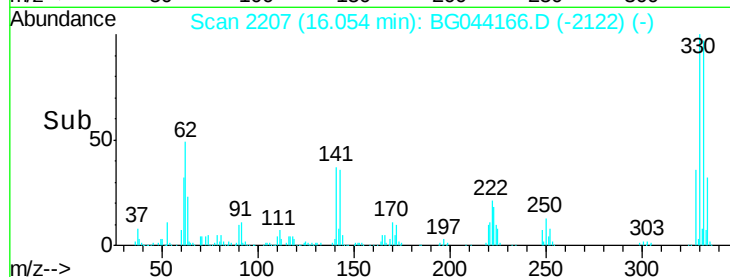
141 38.6 33.1 49.7



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: 92.178 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.04 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

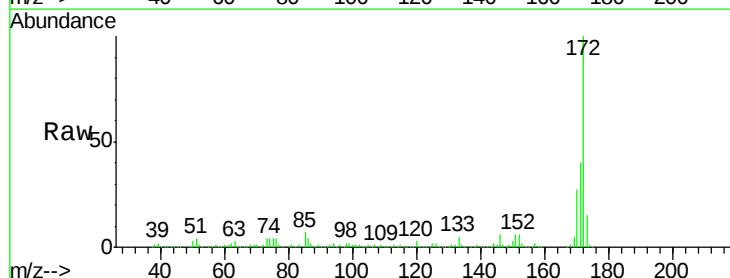
Tgt Ion:172 Resp: 1170480

Ion Ratio Lower Upper

172 100

171 40.1 35.8 53.8

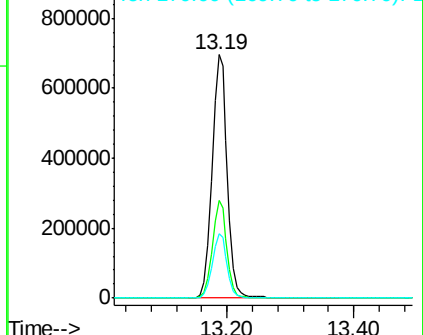
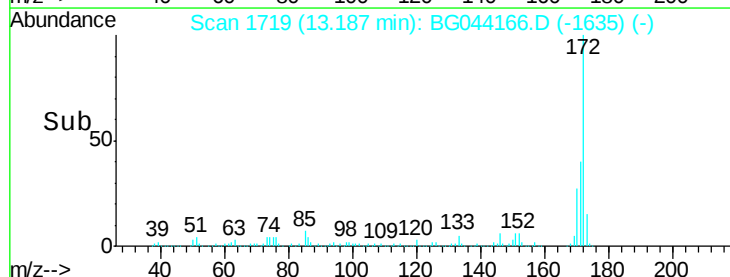
170 26.7 24.2 36.4

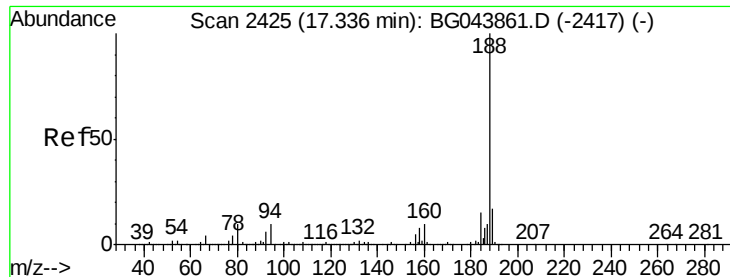


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2421

Delta R.T. -0.02 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB126284BL

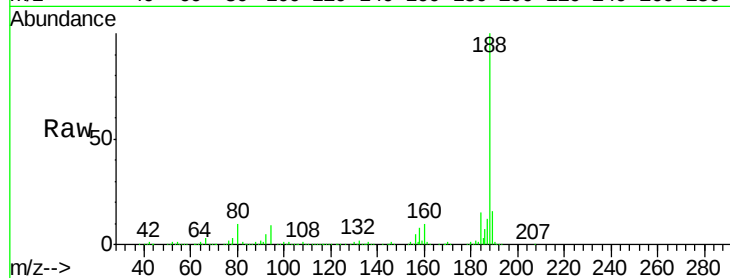
Tot Ion:188 Resp: 493001

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

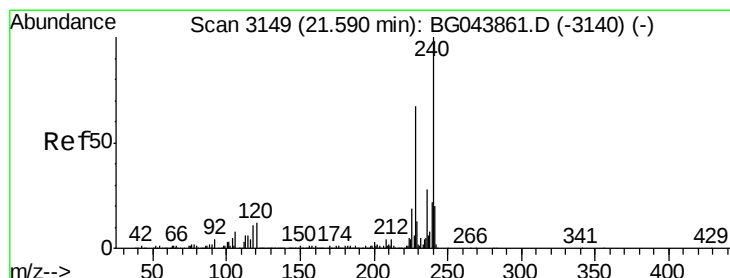
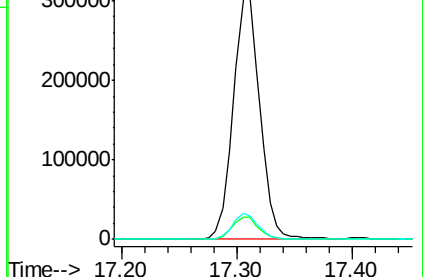
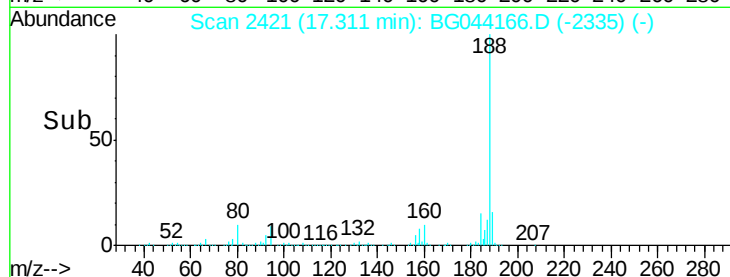
80 9.7 8.2 12.4



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: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

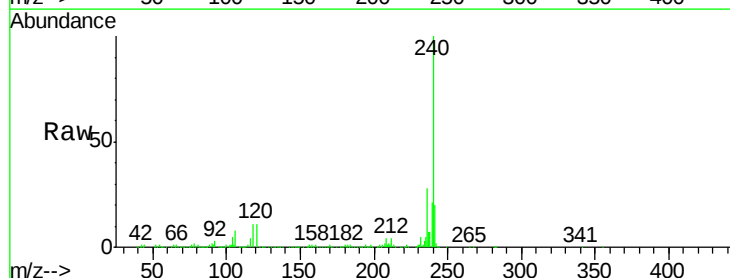
Tgt Ion:240 Resp: 423436

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

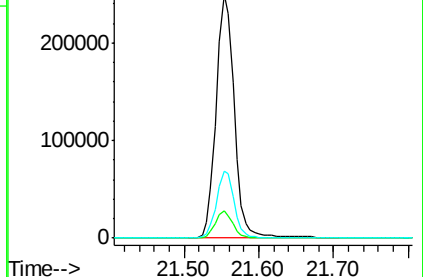
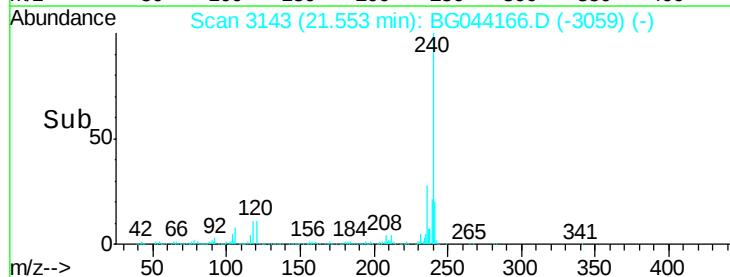
236 27.7 22.2 33.2

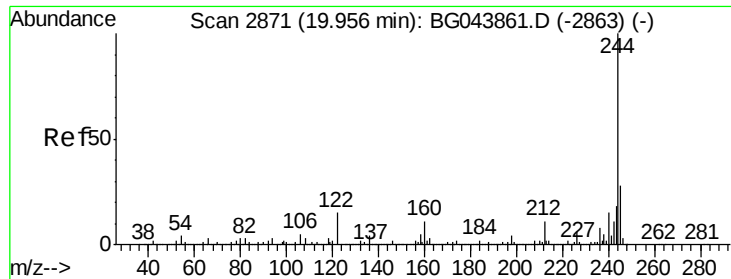


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.892 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

Instrument :

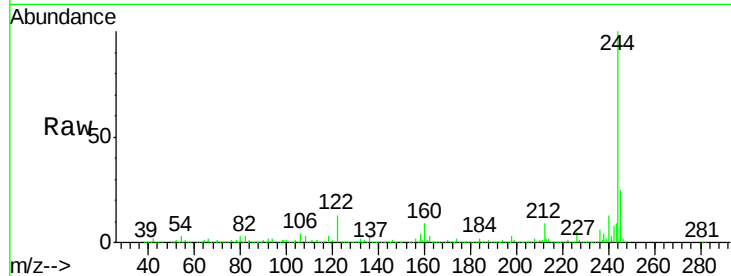
BNA_G

ClientSampleId :

PB126284BL

Tot Ion:244 Resp: 1781918

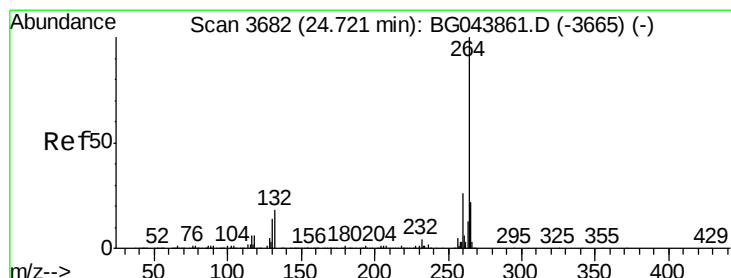
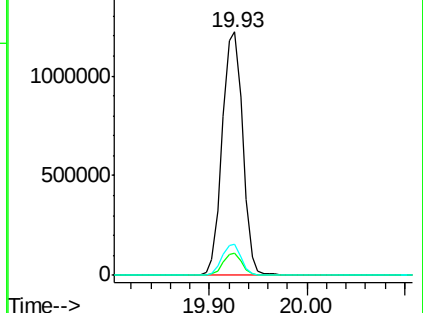
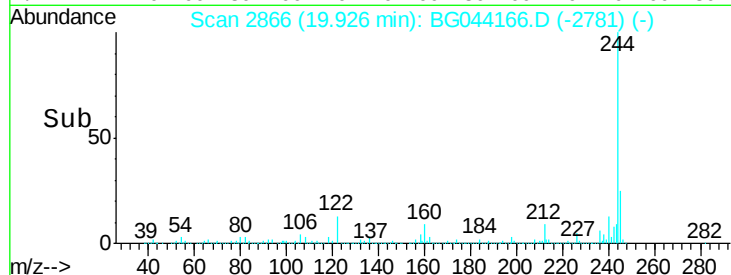
Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.6	11.9	17.9



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

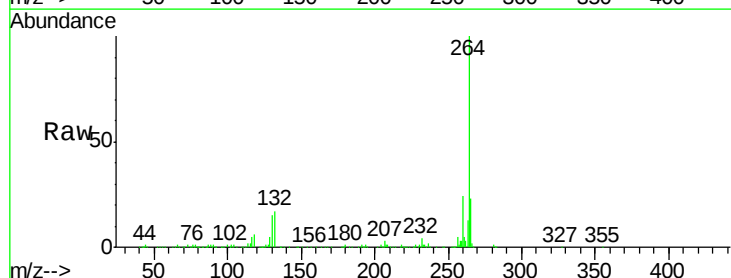
Delta R.T. -0.06 min

Lab File: BG044166.D

Acq: 23 Jan 2020 14:21

Tgt Ion:264 Resp: 465359

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	23.1	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

