

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043972.D
 Acq On : 8 Jan 2020 18:04
 Operator : JU
 Sample : PB125943BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125943BL

Quant Time: Jan 09 06:47:23 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	7.95	152	115093	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	451879	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	293852	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	654983	20.00	ng	0.00
76) Chrysene-d12	21.58	240	552035	20.00	ng	-0.01
87) Perylene-d12	24.70	264	616220	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	820416	130.88	ng	0.00
7) Phenol-d6	7.12	99	1125503	128.45	ng	0.00
23) Nitrobenzene-d5	9.11	82	648465	76.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	423332	137.66	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1452781	89.57	ng	-0.01
79) Terphenyl-d14	19.94	244	2137062	96.70	ng	-0.01

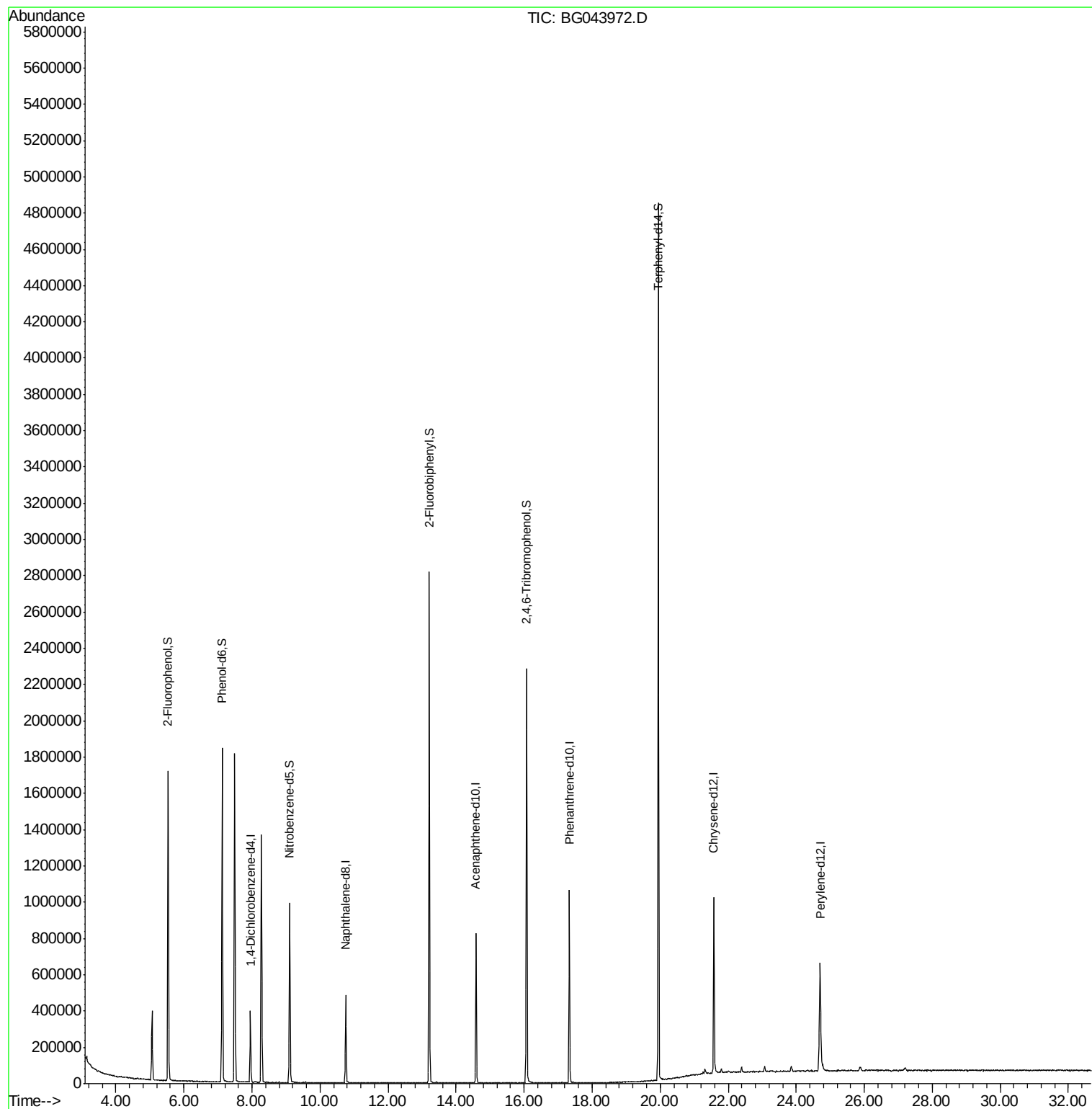
Target Compounds Qvalue

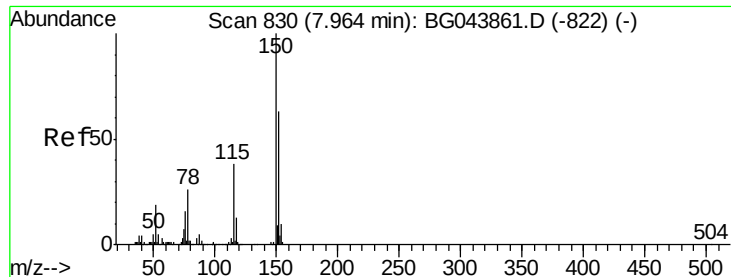
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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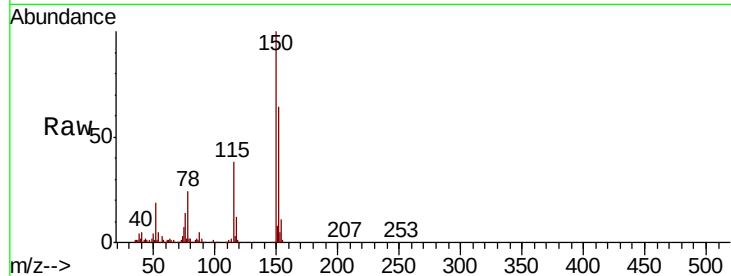


#1

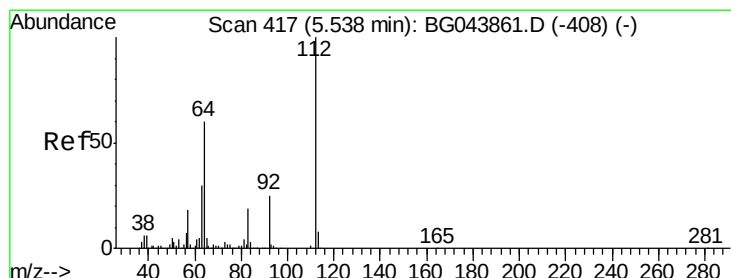
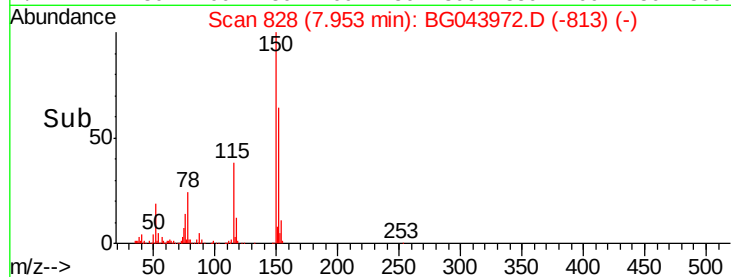
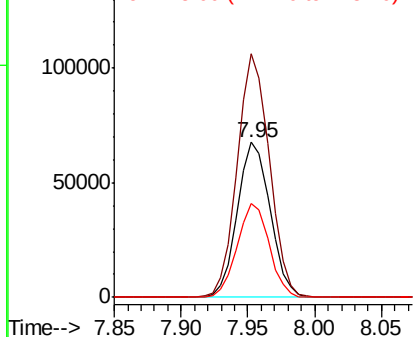
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043972.D
Acq: 8 Jan 2020 18:04

Instrument :
BNA_G
ClientSampleId :
PB125943BL

Tot Ion:152 Resp: 115093
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 60.2 47.8 71.8



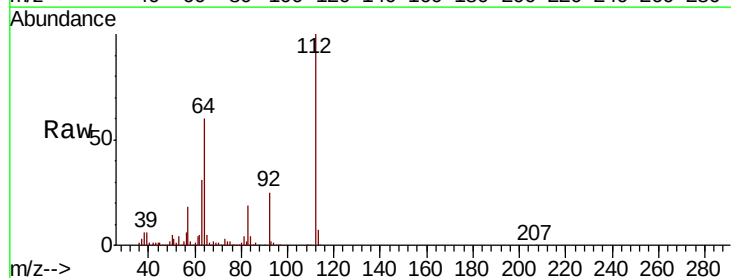
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



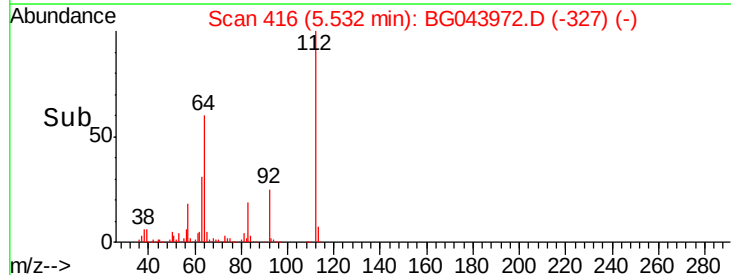
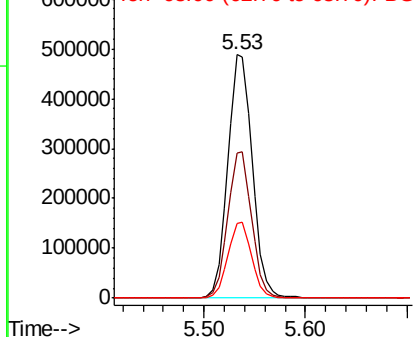
#5

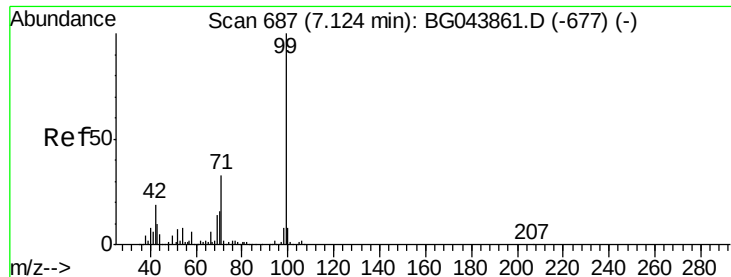
2-Fluorophenol
Concen: 130.884 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043972.D
Acq: 8 Jan 2020 18:04

Tgt Ion:112 Resp: 820416
Ion Ratio Lower Upper
112 100
64 59.7 47.8 71.6
63 30.8 24.3 36.5



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: 128.454 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

Instrument :

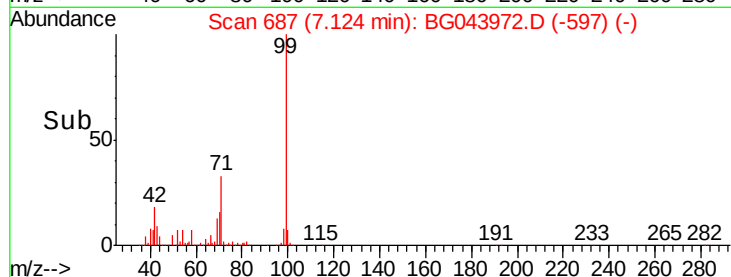
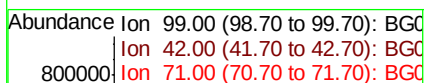
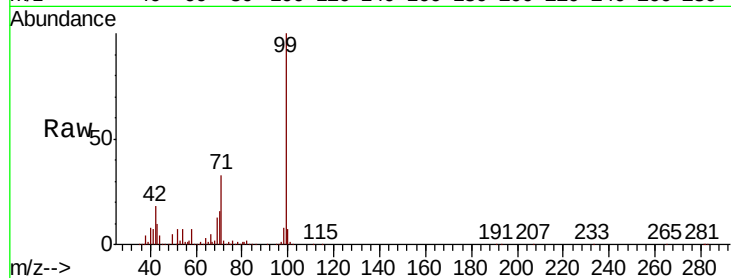
BNA_G

ClientSampleId :

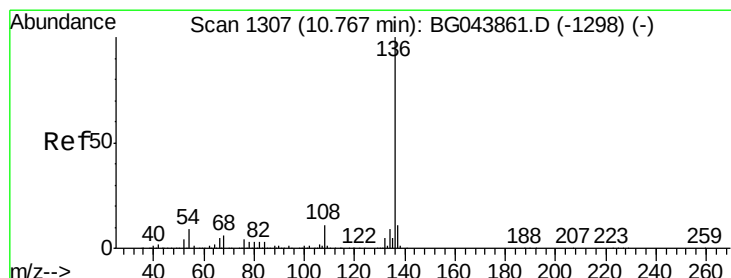
PB125943BL

Tot Ion: 99 Resp: 1125503

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	32.9	26.4	39.6



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

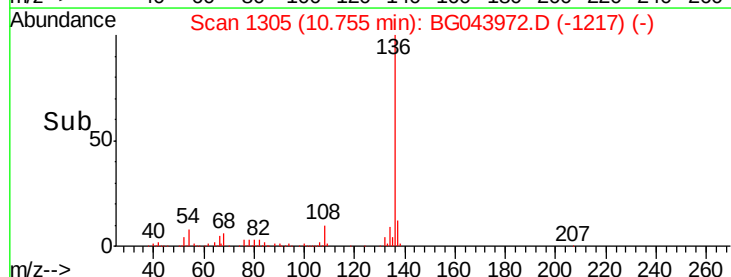
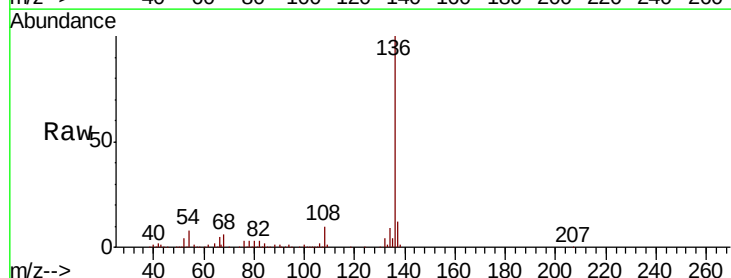
Delta R.T. -0.01 min

Lab File: BG043972.D

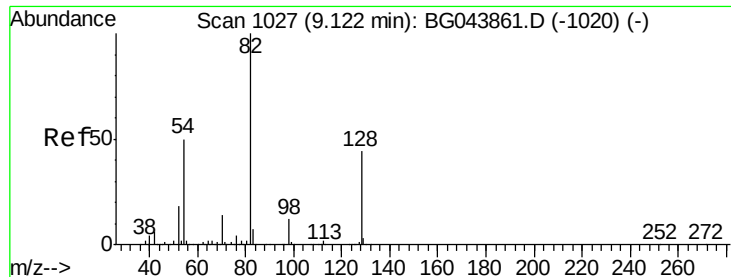
Acq: 8 Jan 2020 18:04

Tgt Ion: 136 Resp: 451879

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.6	7.0	10.4
68	5.8	4.9	7.3



Time-->



#23

Nitrobenzene-d5

Concen: 76.769 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

Instrument :

BNA_G

ClientSampleId :

PB125943BL

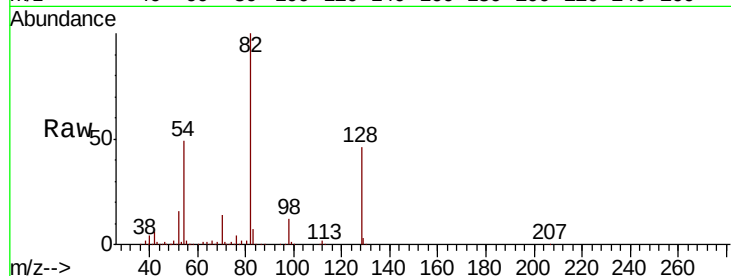
Tot Ion: 82 Resp: 648465

Ion Ratio Lower Upper

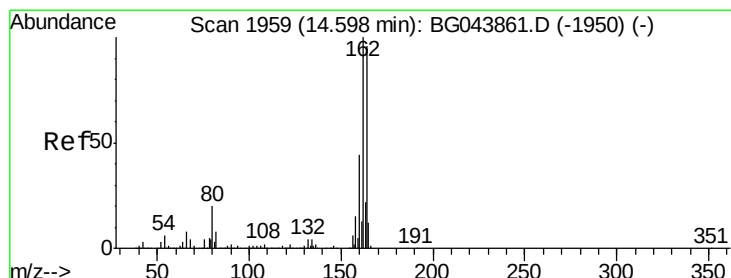
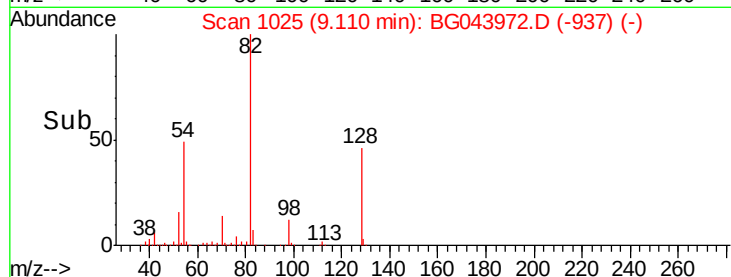
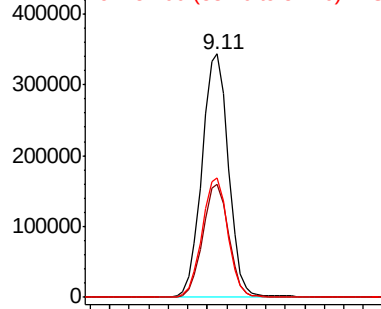
82 100

128 46.3 35.1 52.7

54 49.1 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: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

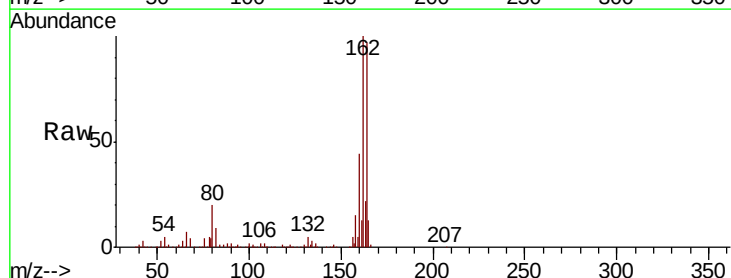
Tgt Ion: 164 Resp: 293852

Ion Ratio Lower Upper

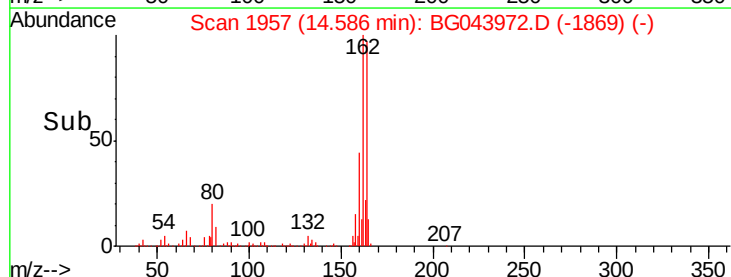
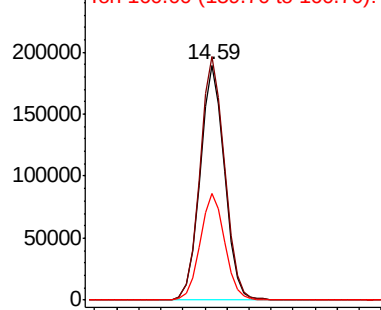
164 100

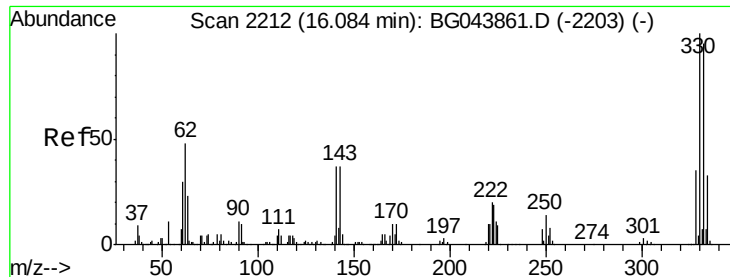
162 103.5 83.0 124.4

160 45.5 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: 137.664 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

Instrument :

BNA_G

ClientSampleId :

PB125943BL

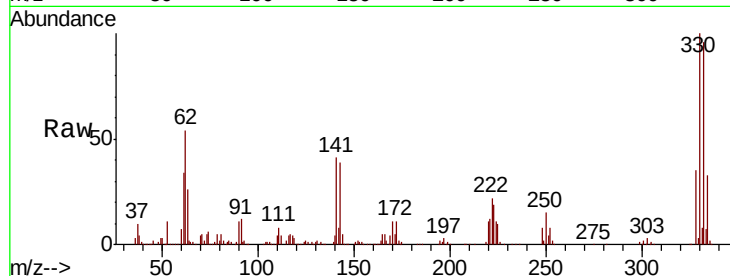
Tot Ion:330 Resp: 423332

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

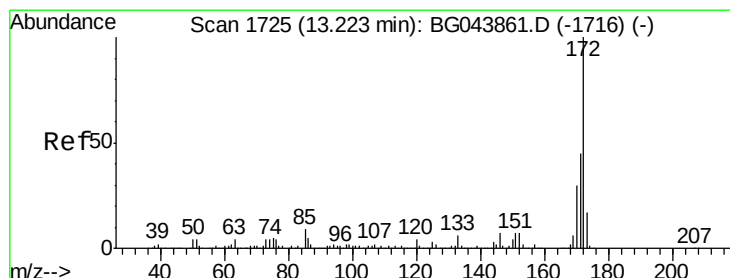
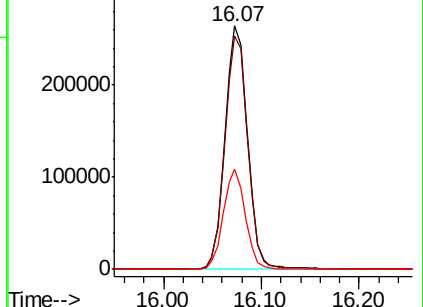
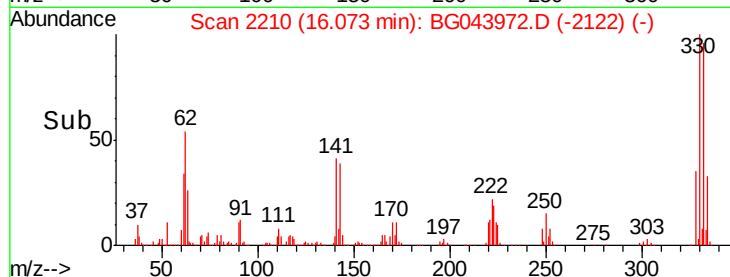
141 40.1 33.1 49.7



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: 89.572 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

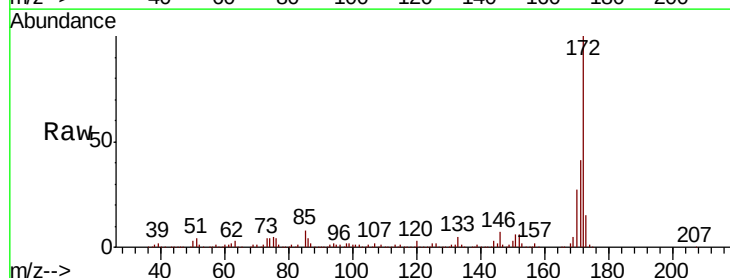
Tgt Ion:172 Resp: 1452781

Ion Ratio Lower Upper

172 100

171 41.2 35.8 53.8

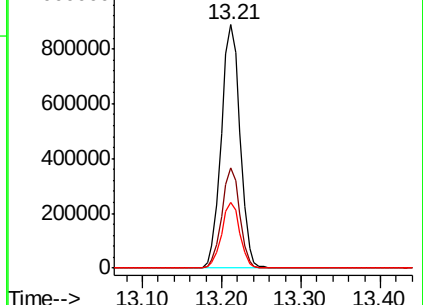
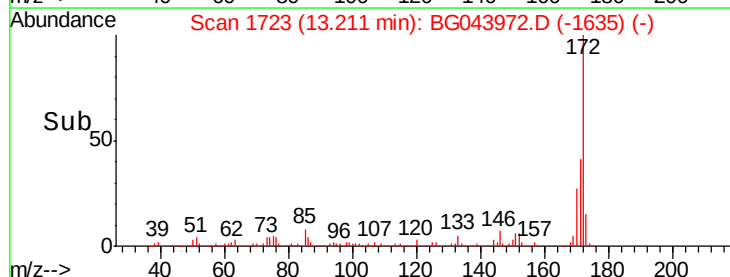
170 27.1 24.2 36.4

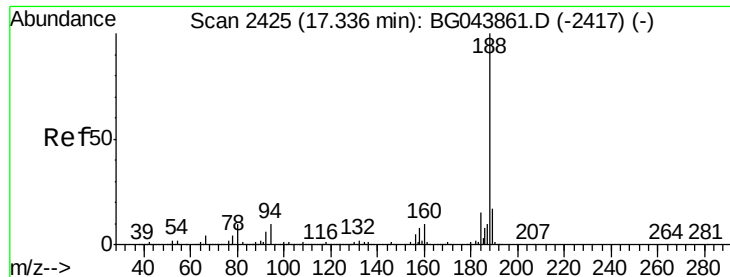


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

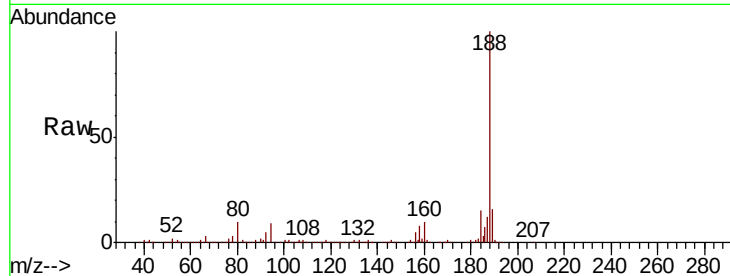




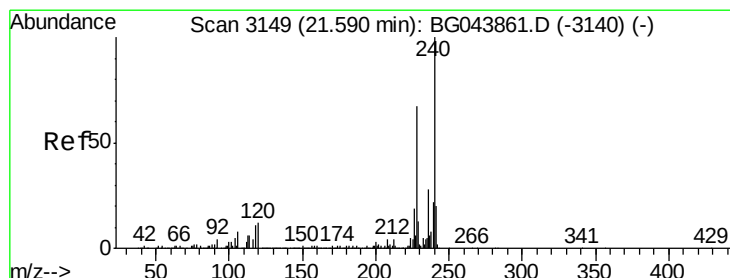
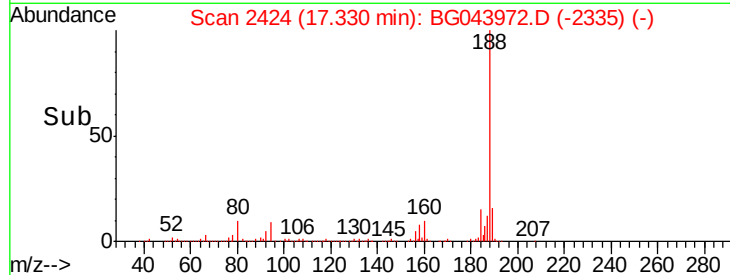
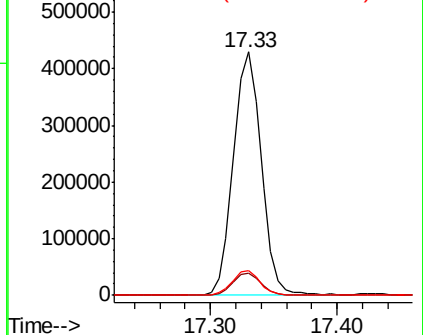
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043972.D
Acq: 8 Jan 2020 18:04

Instrument :
BNA_G
ClientSampleId :
PB125943BL

Tot Ion:188 Resp: 654983
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.3 8.2 12.4

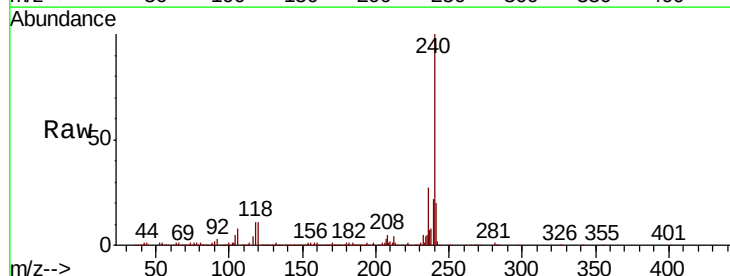


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

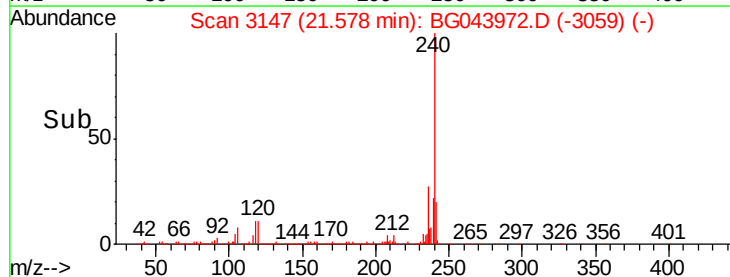
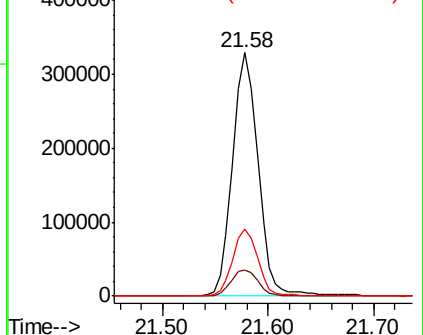


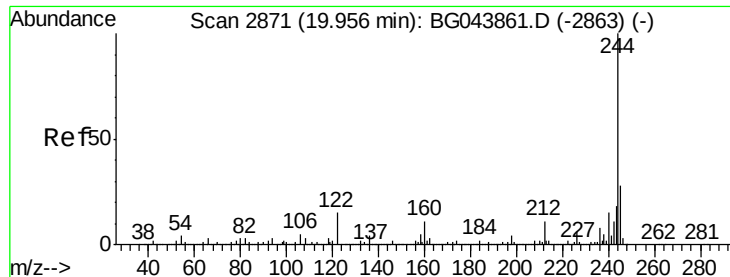
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043972.D
Acq: 8 Jan 2020 18:04

Tgt Ion:240 Resp: 552035
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 27.5 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: 96.699 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

Instrument :

BNA_G

ClientSampleId :

PB125943BL

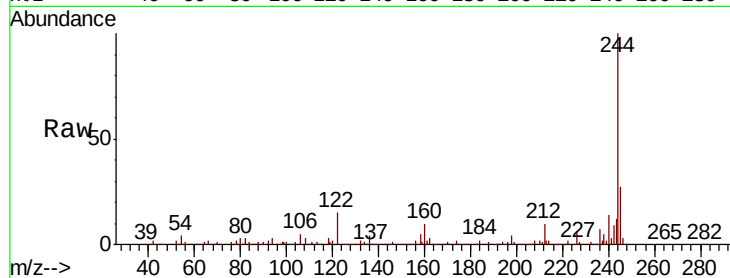
Tot Ion:244 Resp: 2137062

Ion Ratio Lower Upper

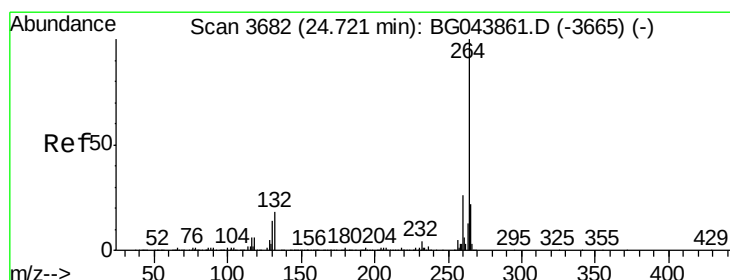
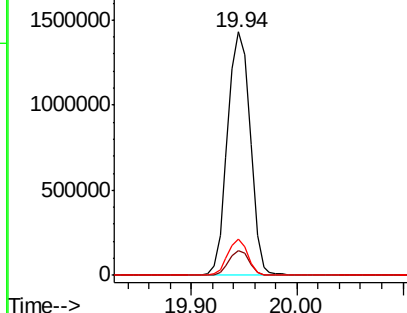
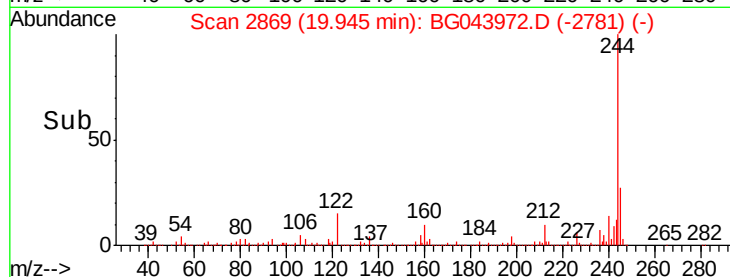
244 100

212 10.4 8.6 13.0

122 14.9 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: 24.70 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG043972.D

Acq: 8 Jan 2020 18:04

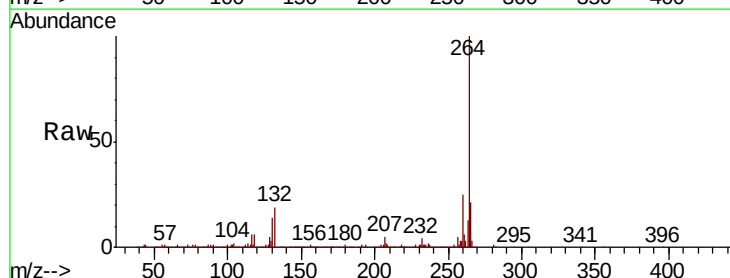
Tgt Ion:264 Resp: 616220

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 21.1 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

