

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044361.D
 Acq On : 10 Feb 2020 18:01
 Operator : CG/JU
 Sample : PB126691BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BL

Quant Time: Feb 11 03:02:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	57883	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	235401	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	161824	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	431268	20.00	ng	0.00
76) Chrysene-d12	21.53	240	480892	20.00	ng	0.00
87) Perylene-d12	24.61	264	486117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	470265	143.38	ng	0.00
7) Phenol-d6	7.07	99	603915	137.12	ng	0.00
23) Nitrobenzene-d5	9.06	82	360279	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	284961	150.00	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	897536	92.88	ng	0.00
79) Terphenyl-d14	19.90	244	1931386	82.61	ng	0.00

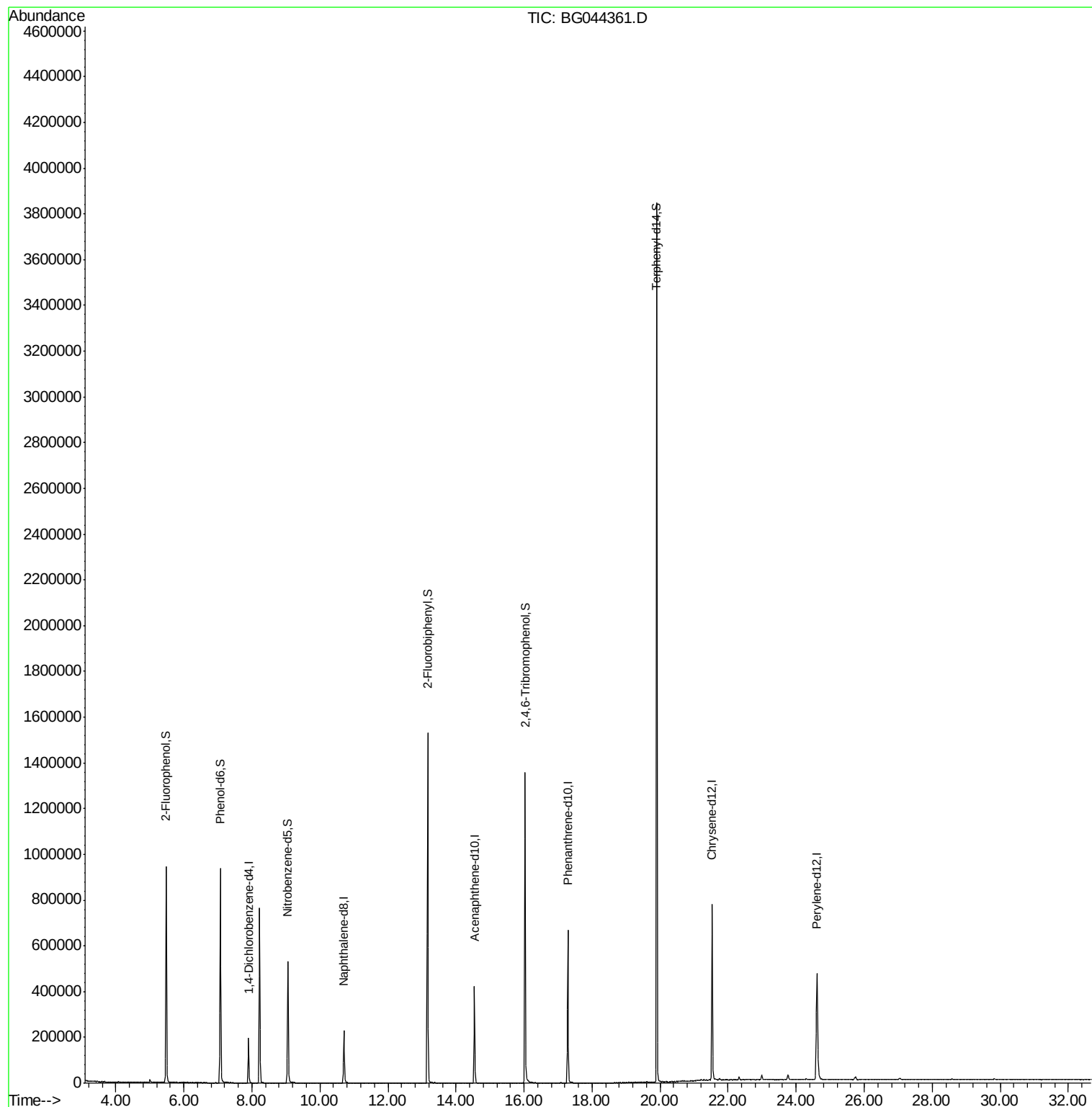
Target Compounds Qvalue

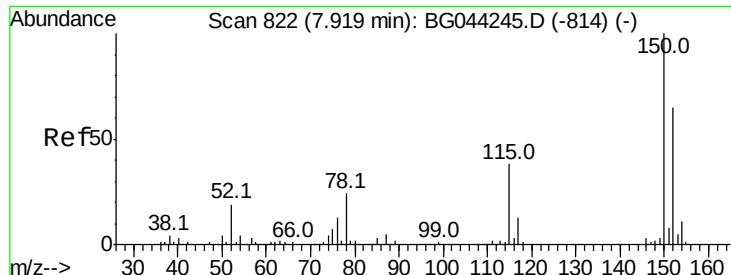
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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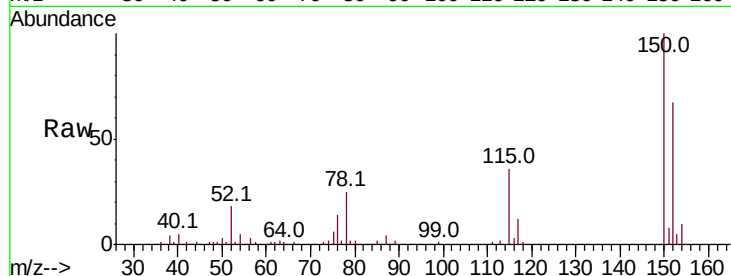


#1

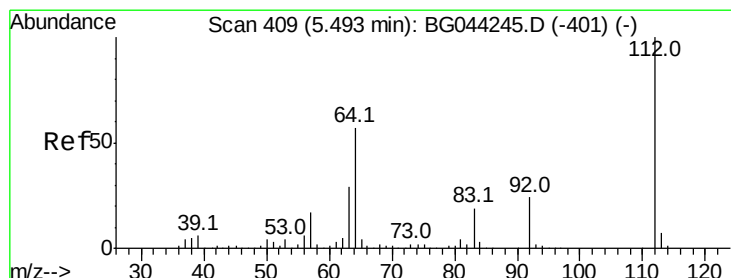
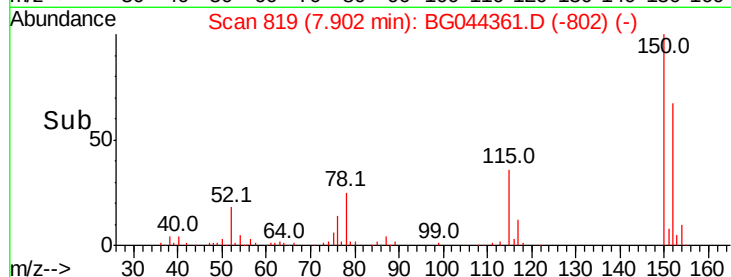
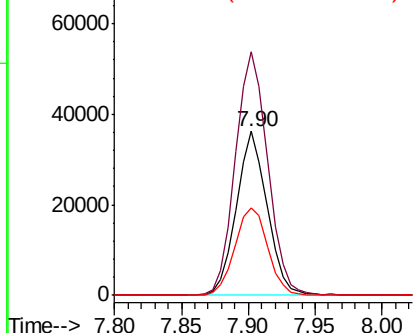
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

Instrument :
BNA_G
ClientSampleId :
PB126691BL

Tot Ion:152 Resp: 57883
Ion Ratio Lower Upper
152 100
150 148.7 122.6 183.8
115 53.4 46.0 69.0



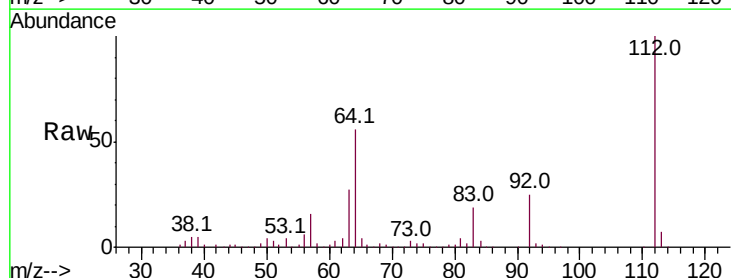
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



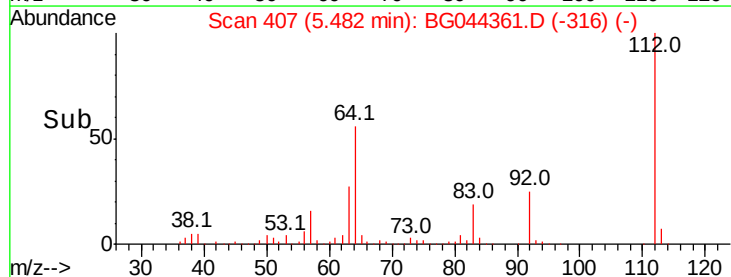
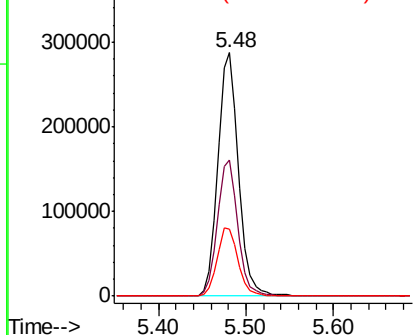
#5

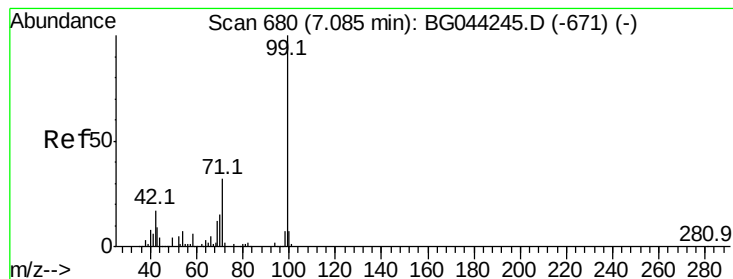
2-Fluorophenol
Concen: 143.383 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044361.D
Acq: 10 Feb 2020 18:01

Tgt Ion:112 Resp: 470265
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 27.4 22.9 34.3



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: 137.121 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

PB126691BL

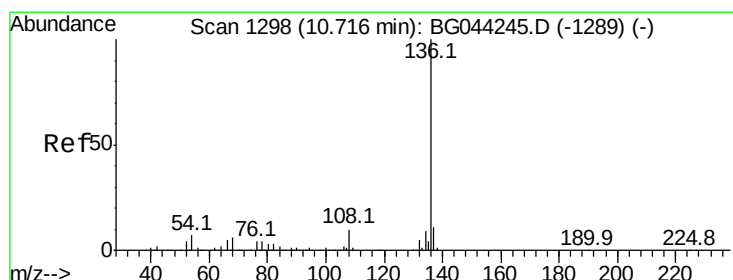
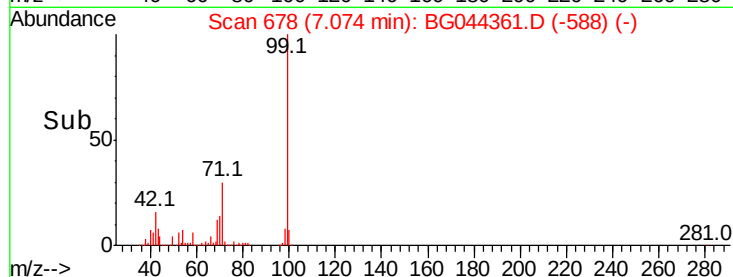
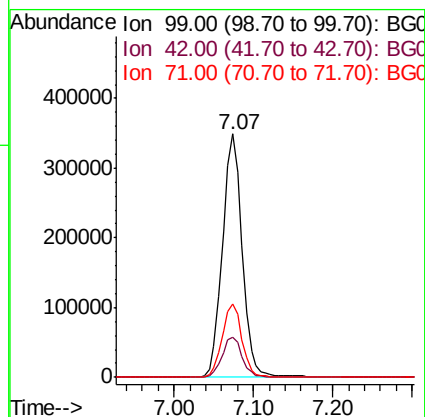
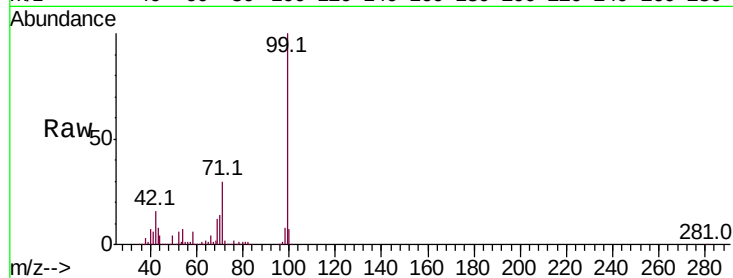
Tot Ion: 99 Resp: 603915

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.4 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Tgt Ion: 136 Resp: 235401

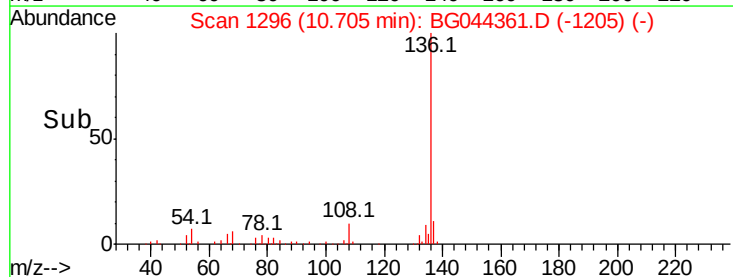
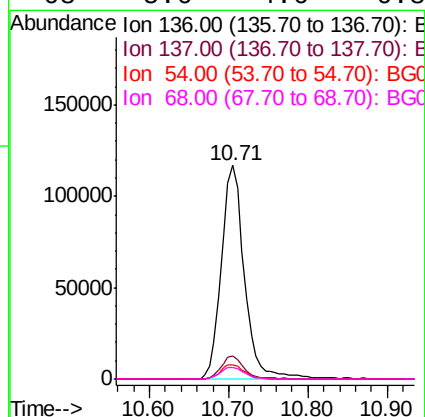
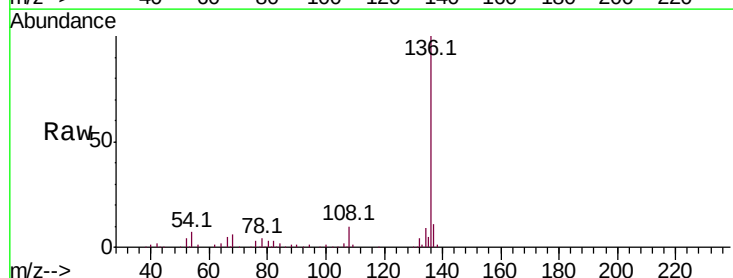
Ion Ratio Lower Upper

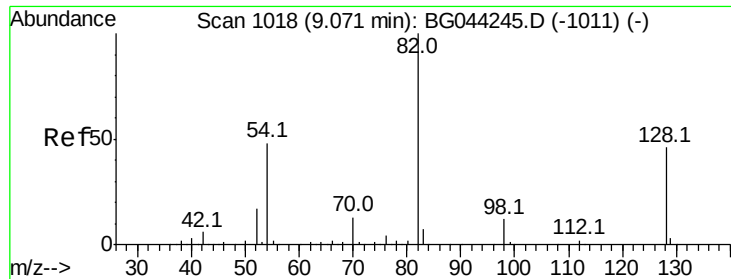
136 100

137 11.0 8.8 13.2

54 6.8 5.8 8.8

68 5.6 4.6 6.8

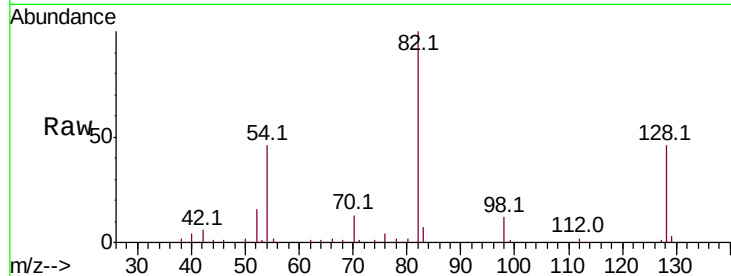




#23
 Nitrobenzene-d5
 Concen: 86.406 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

Instrument :
 BNA_G
 ClientSampleID :
 PB126691BL

Tot Ion	82	Resp	360279
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	45.8	38.6	58.0

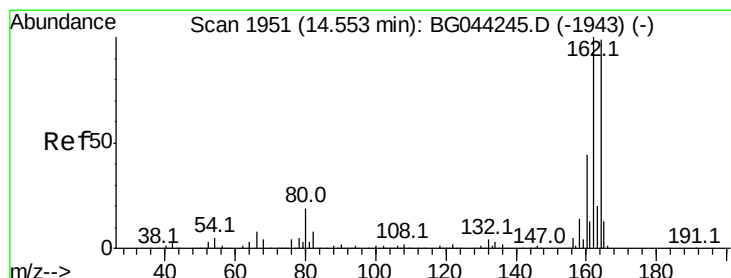
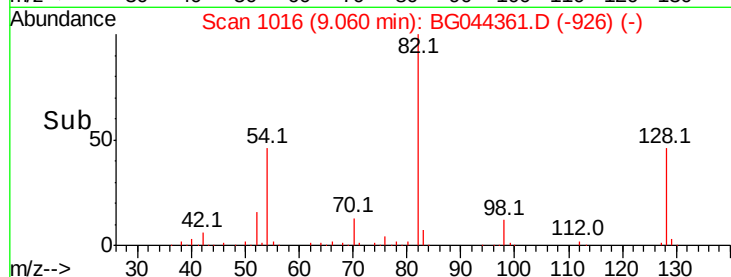
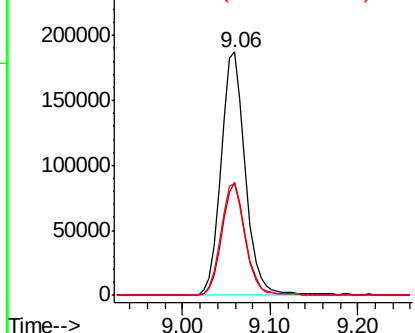


Abundance

Ion 82.00 (81.70 to 82.70): BGC

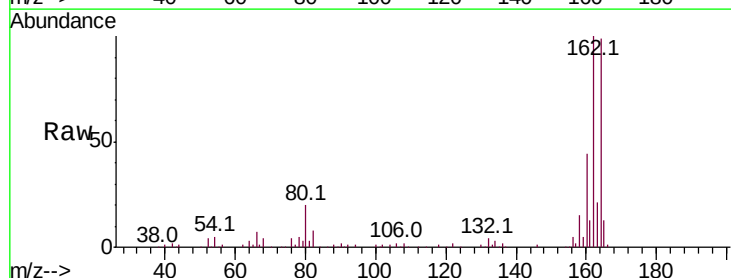
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG044361.D
 Acq: 10 Feb 2020 18:01

Tgt Ion	164	Resp	161824
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	44.8	35.3	52.9

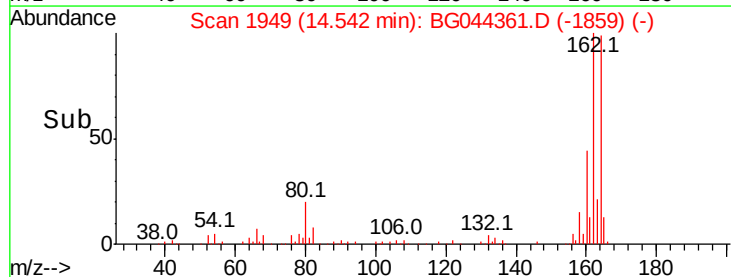
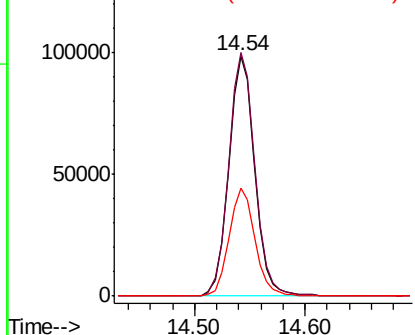


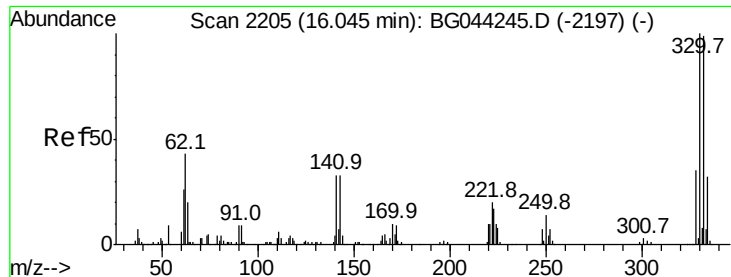
Abundance

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: 150.002 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

PB126691BL

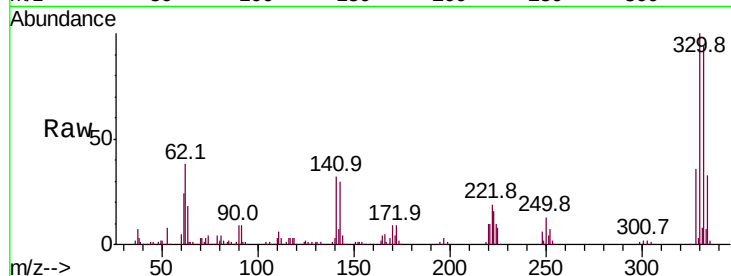
Tot Ion:330 Resp: 284961

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

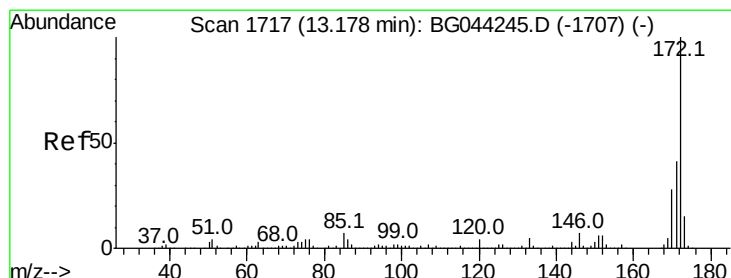
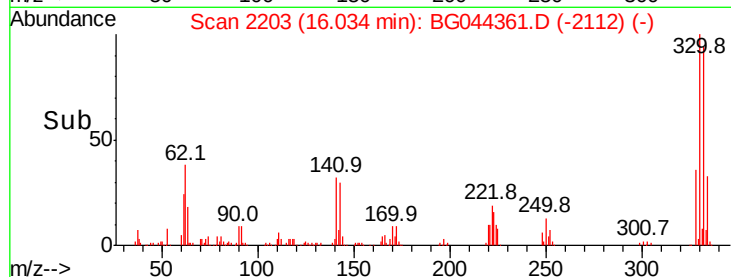
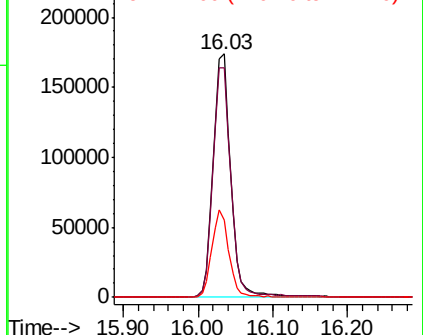
141 34.7 28.3 42.5



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: 92.877 ng

RT: 13.17 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

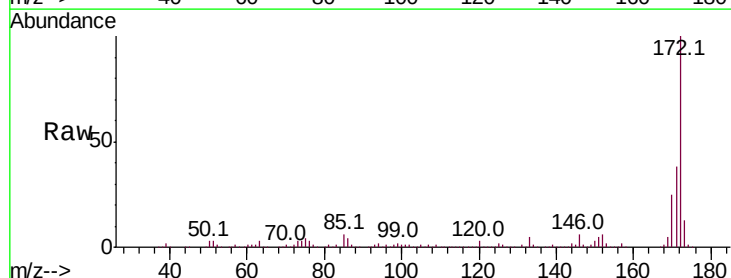
Tgt Ion:172 Resp: 897536

Ion Ratio Lower Upper

172 100

171 37.6 32.9 49.3

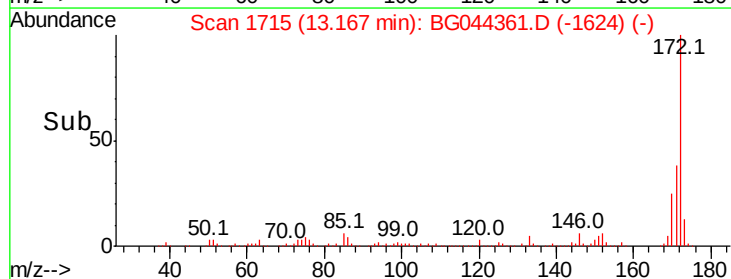
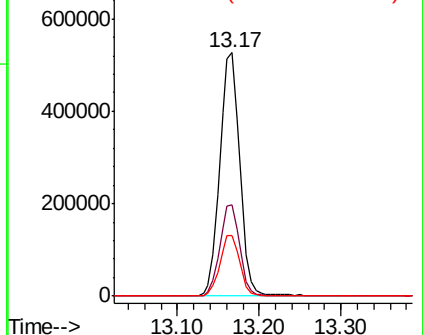
170 25.0 22.0 33.0

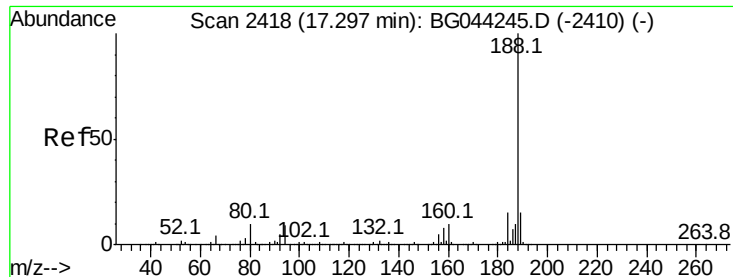


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

ClientSampleId :

PB126691BL

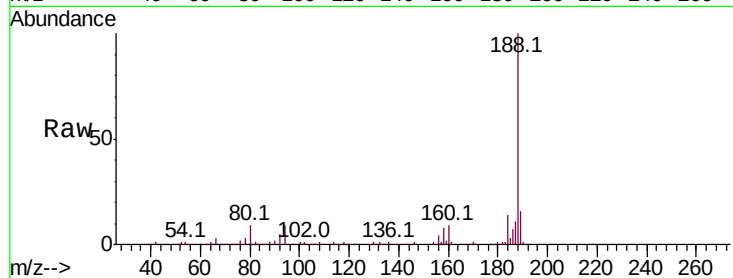
Tot Ion:188 Resp: 431268

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

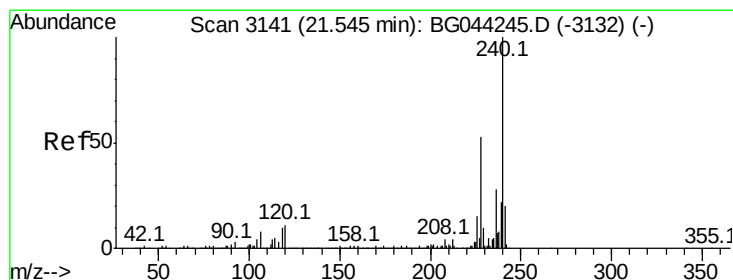
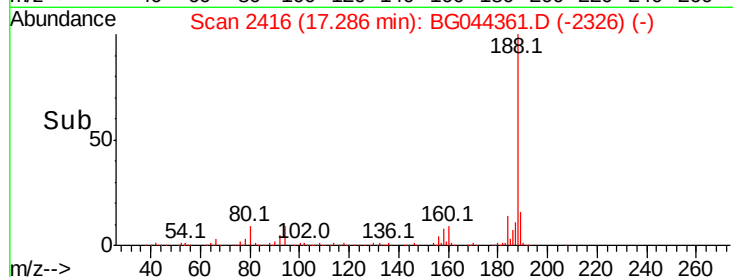
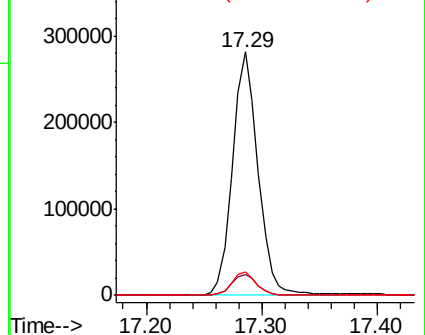
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

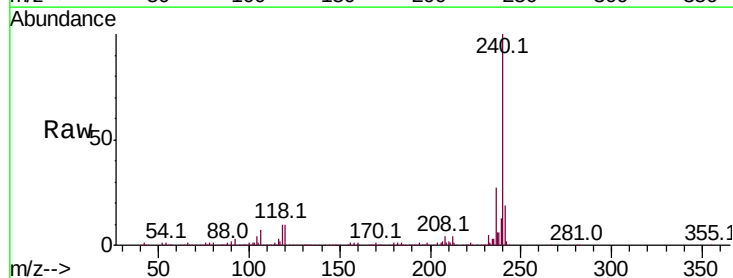
Tgt Ion:240 Resp: 480892

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

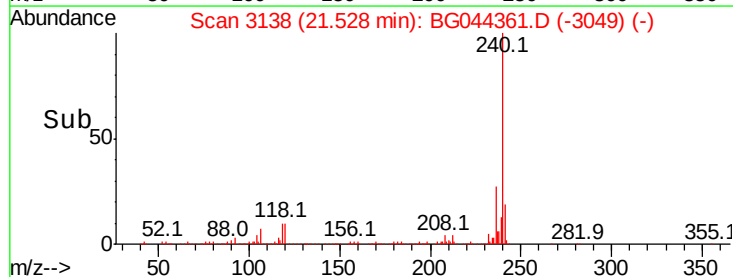
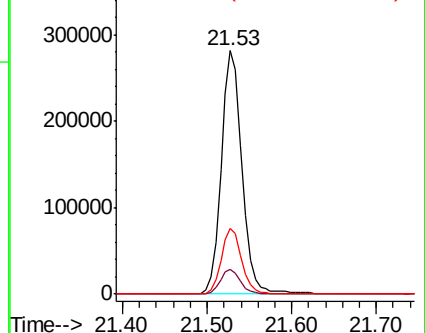
236 27.0 22.1 33.1

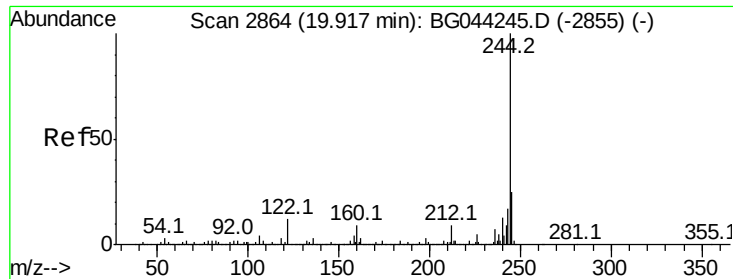


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.609 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

Instrument :

BNA_G

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PB126691BL

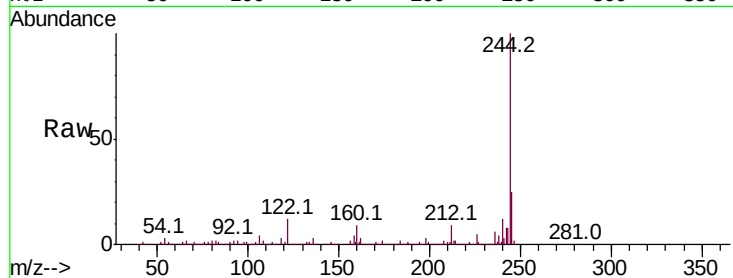
Tot Ion:244 Resp: 1931386

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

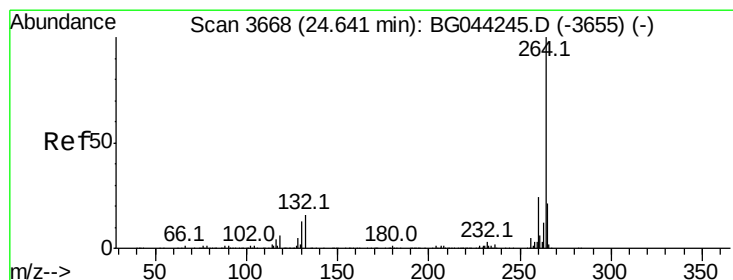
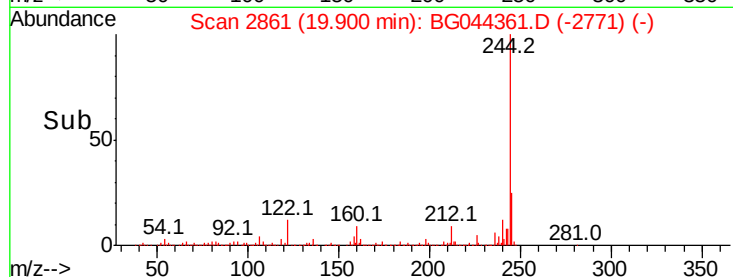
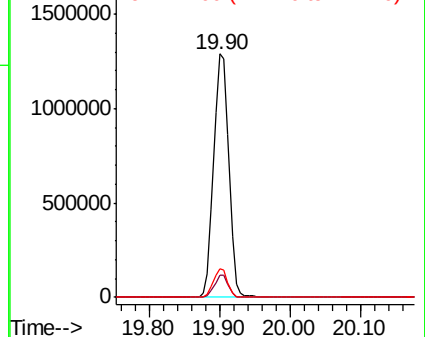
122 11.9 9.8 14.6



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: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044361.D

Acq: 10 Feb 2020 18:01

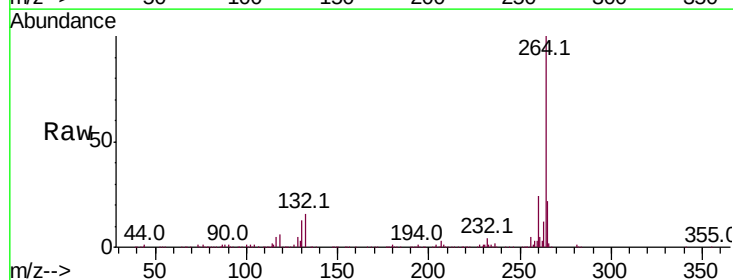
Tgt Ion:264 Resp: 486117

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 16.7 25.1



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

