

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045606.D
 Acq On : 4 Jun 2020 15:34
 Operator : CG/JU
 Sample : PB129295BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BL

Quant Time: Jun 04 17:39:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	49142	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	208951	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	162964	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	405745	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376523	20.00	ng	0.00
87) Perylene-d12	24.74	264	386937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	366537	145.77	ng	0.00
7) Phenol-d6	7.14	99	521037	145.58	ng	0.00
23) Nitrobenzene-d5	9.11	82	394761	103.02	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	327772	157.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1000042	104.09	ng	0.00
79) Terphenyl-d14	19.96	244	1787012	110.69	ng	0.00

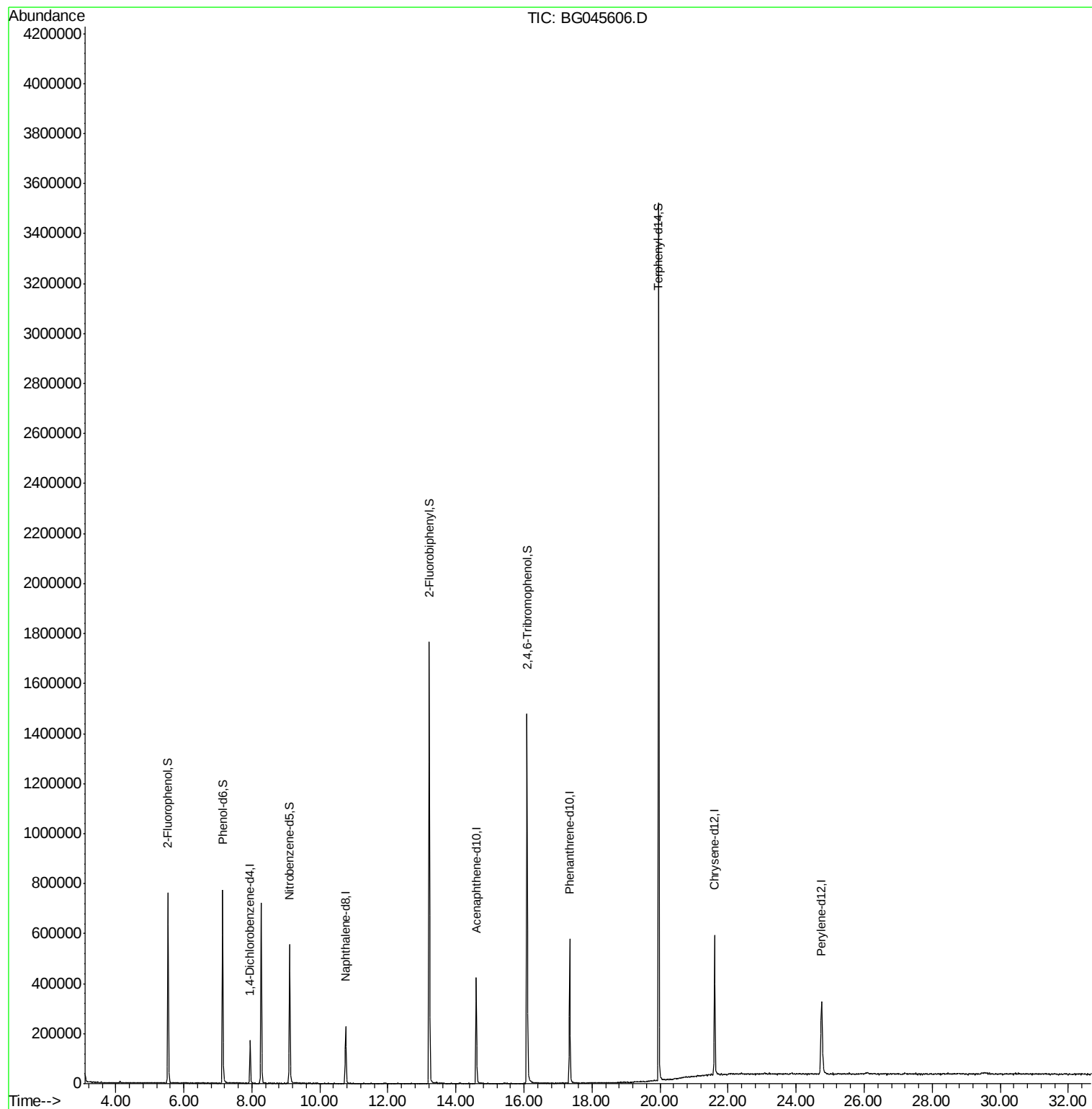
Target Compounds Qvalue

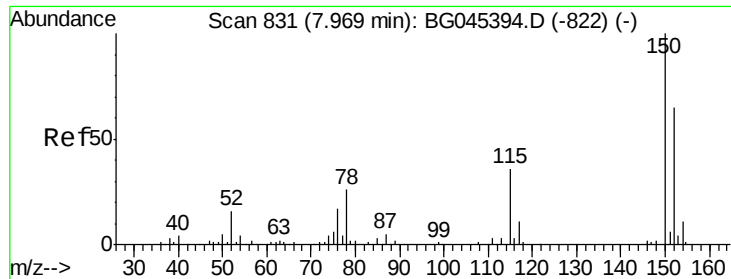
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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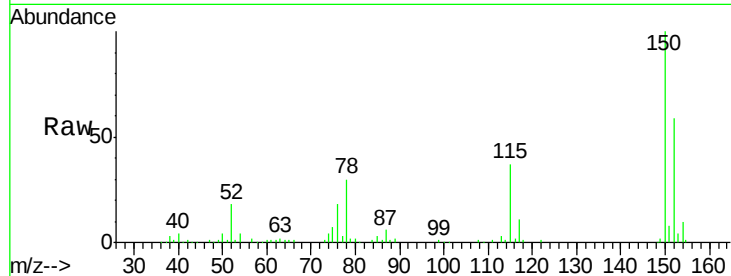


#1

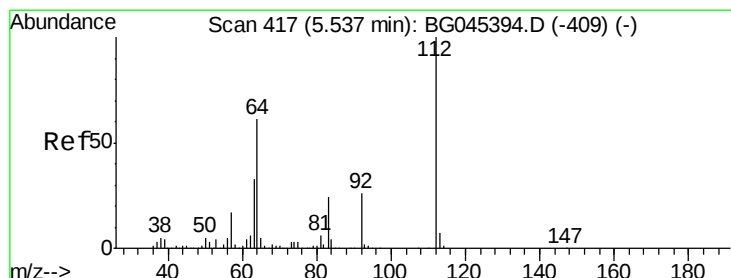
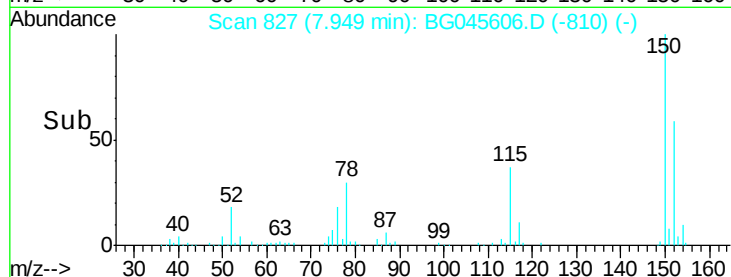
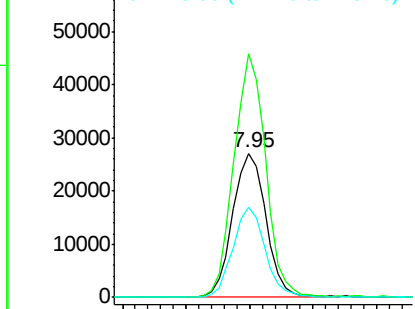
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045606.D
Acq: 4 Jun 2020 15:34

Instrument :
BNA_G
ClientSampleId :
PB129295BL

Tot Ion:152 Resp: 49142
Ion Ratio Lower Upper
152 100
150 169.4 122.4 183.6
115 62.2 44.2 66.4



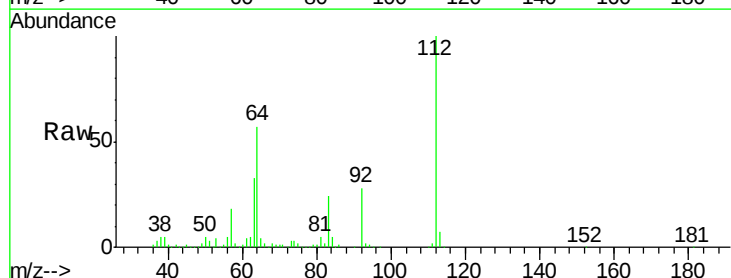
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



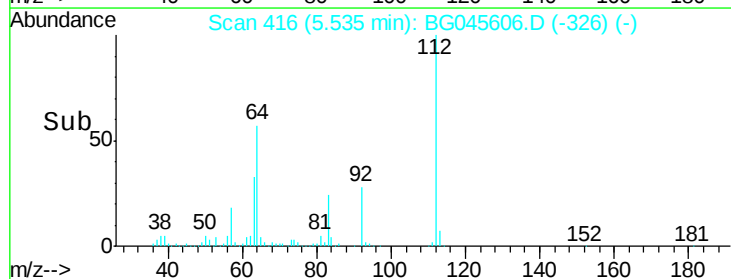
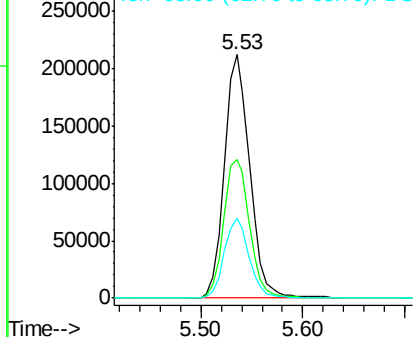
#5

2-Fluorophenol
Concen: 145.766 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045606.D
Acq: 4 Jun 2020 15:34

Tgt Ion:112 Resp: 366537
Ion Ratio Lower Upper
112 100
64 57.0 48.6 72.8
63 32.9 26.5 39.7



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





#7

Phenol-d6

Concen: 145.583 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

Instrument :

BNA_G

ClientSampleId :

PB129295BL

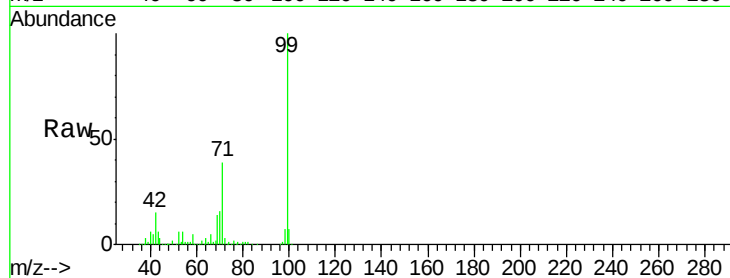
Tot Ion: 99 Resp: 521037

Ion Ratio Lower Upper

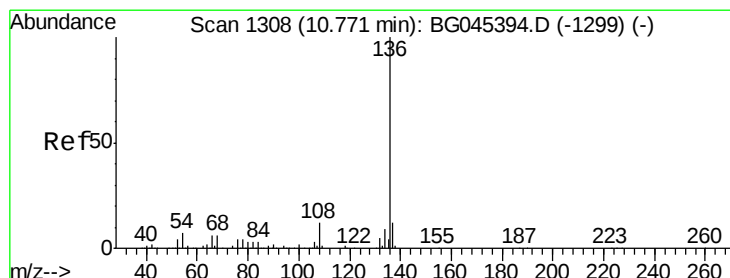
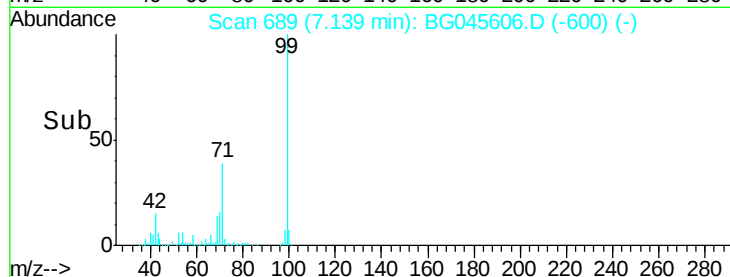
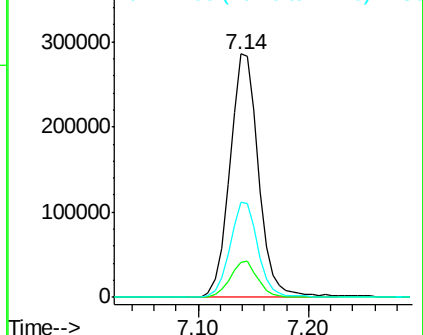
99 100

42 14.5 11.3 16.9

71 39.1 30.8 46.2



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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

Tgt Ion: 136 Resp: 208951

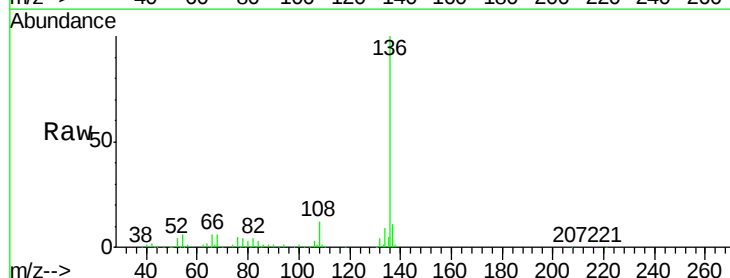
Ion Ratio Lower Upper

136 100

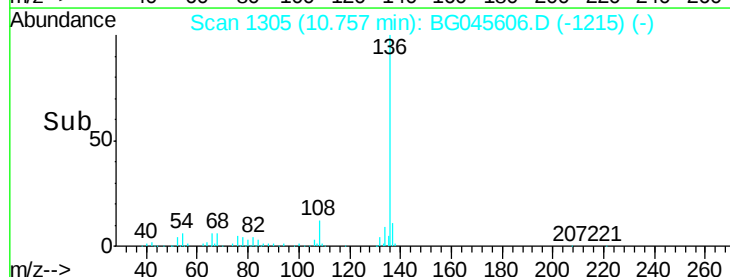
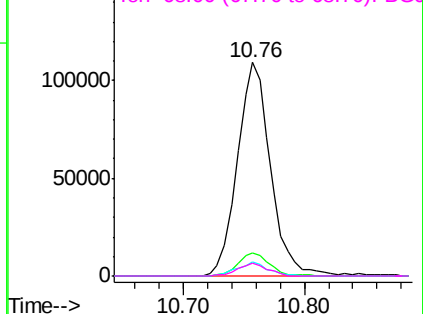
137 10.7 9.4 14.2

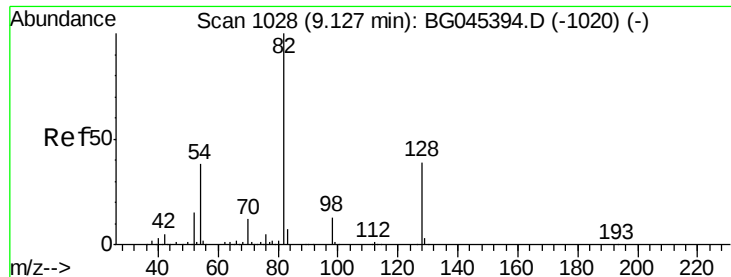
54 6.5 5.8 8.6

68 6.0 4.5 6.7



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

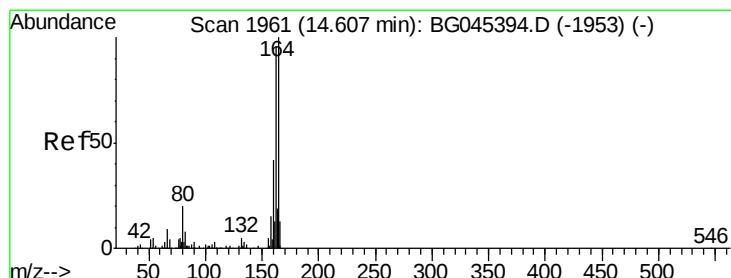
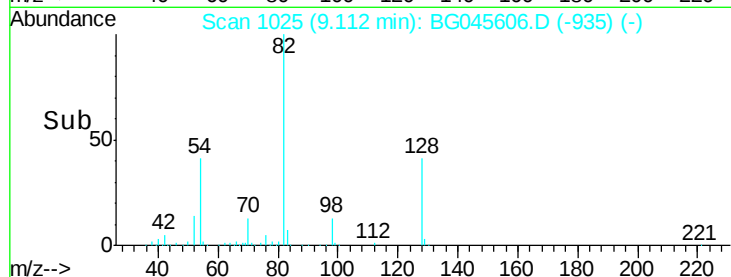
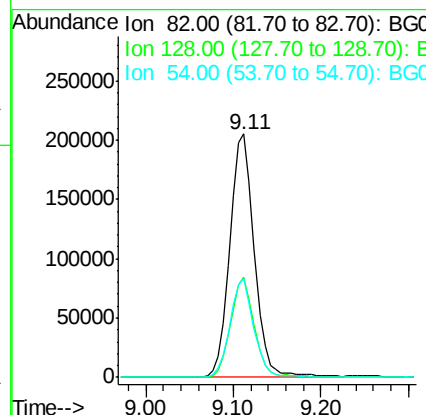
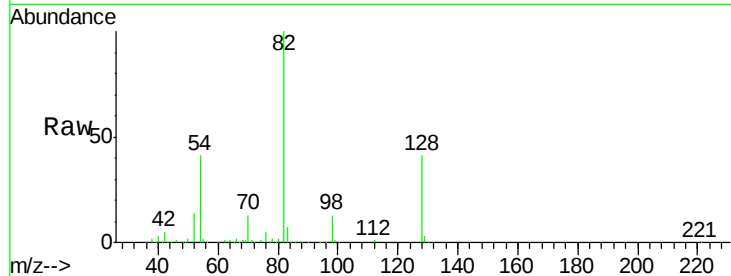




#23
Nitrobenzene-d5
Concen: 103.024 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045606.D
Acq: 4 Jun 2020 15:34

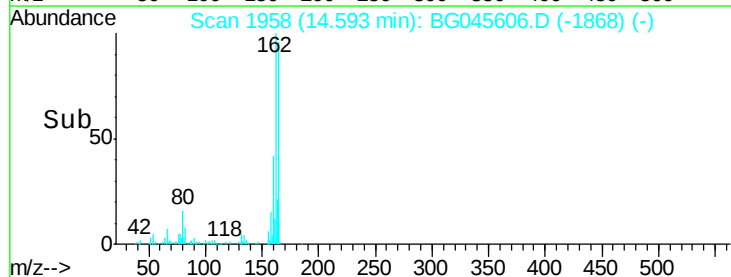
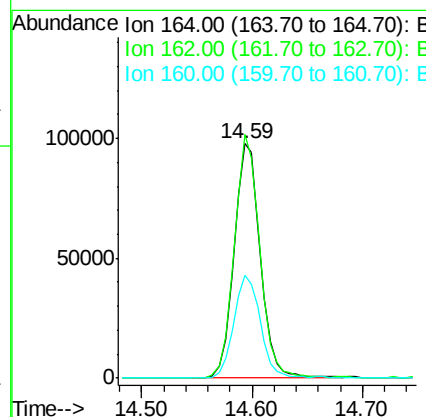
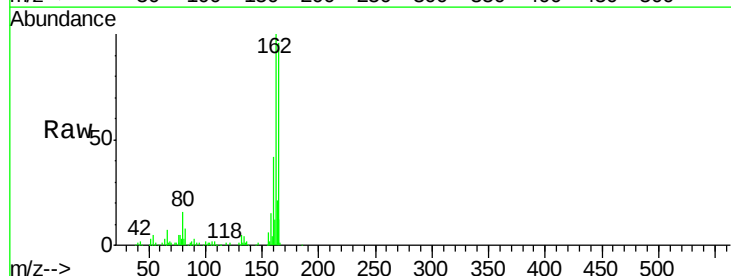
Instrument :
BNA_G
ClientSampleId :
PB129295BL

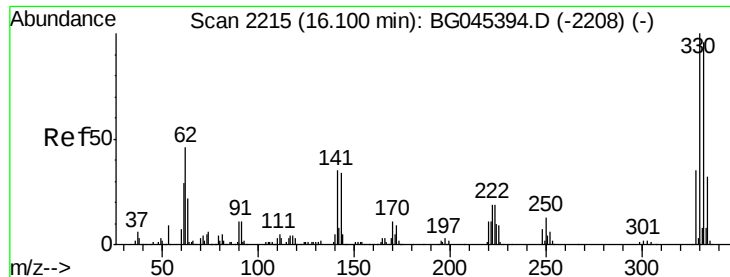
Tot Ion	82	Resp	394761
Ion Ratio	100	Lower	Upper
128	41.2	30.9	46.3
54	40.8	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045606.D
Acq: 4 Jun 2020 15:34

Tgt Ion	164	Resp	162964
Ion Ratio	100	Lower	Upper
162	104.0	76.9	115.3
160	44.2	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 157.271 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

Instrument :

BNA_G

ClientSampleId :

PB129295BL

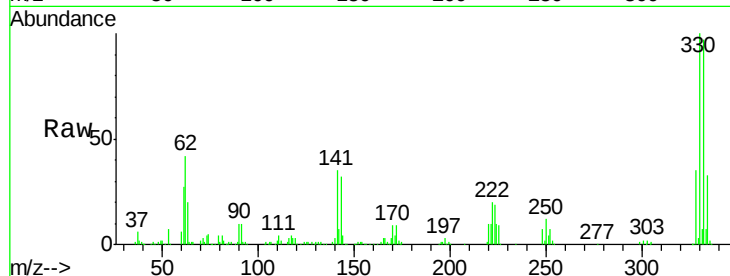
Tot Ion:330 Resp: 327772

Ion Ratio Lower Upper

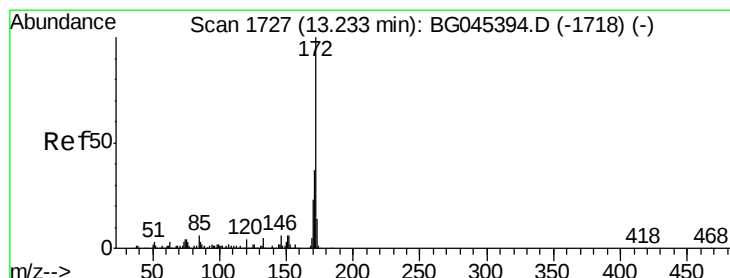
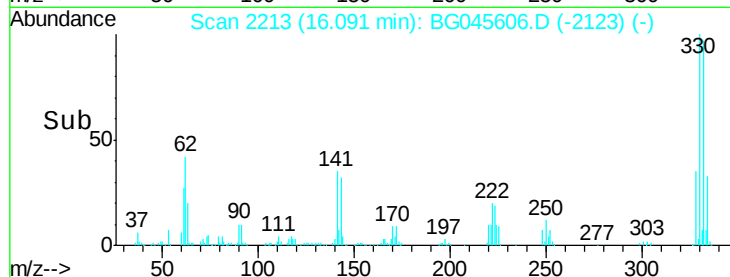
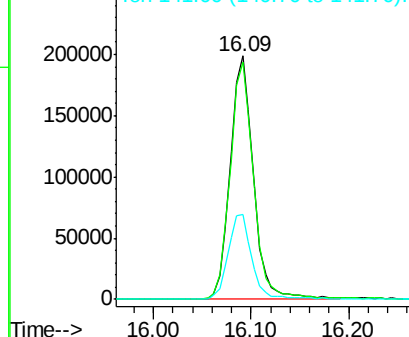
330 100

332 99.0 78.2 117.4

141 35.6 28.2 42.4



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: 104.089 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

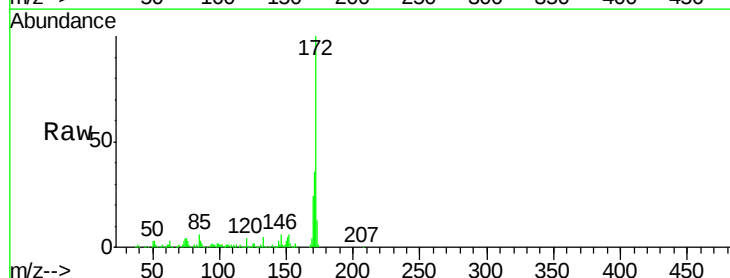
Tgt Ion:172 Resp: 1000042

Ion Ratio Lower Upper

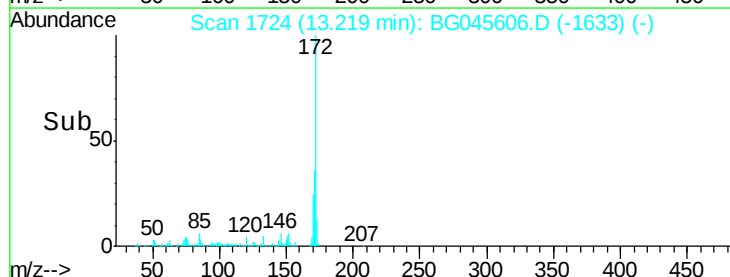
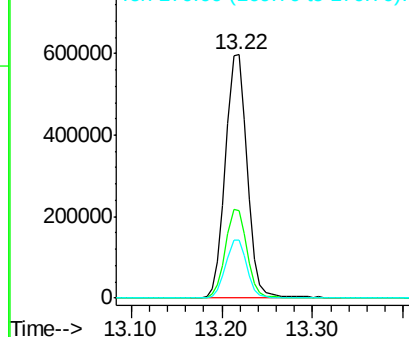
172 100

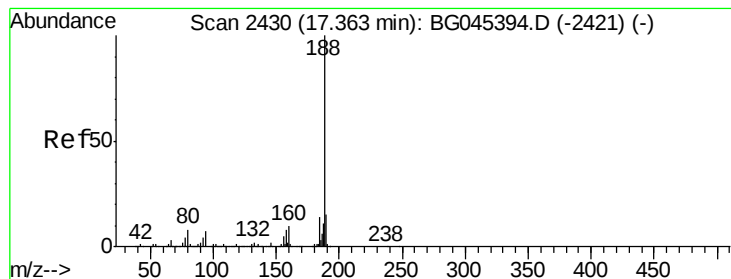
171 35.7 29.5 44.3

170 23.9 18.5 27.7



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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

Instrument :

BNA_G

ClientSampleId :

PB129295BL

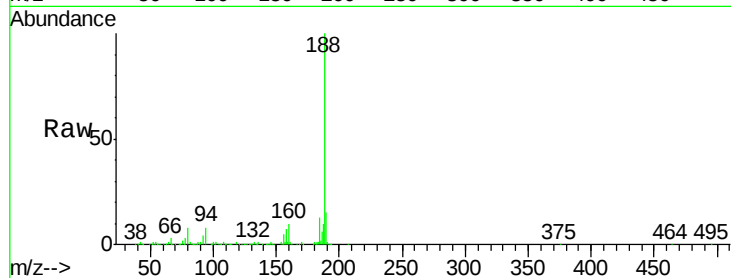
Tot Ion:188 Resp: 405745

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

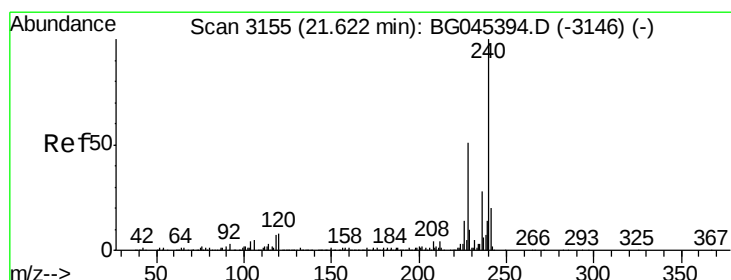
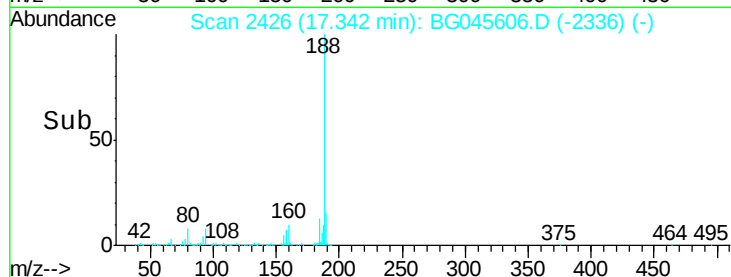
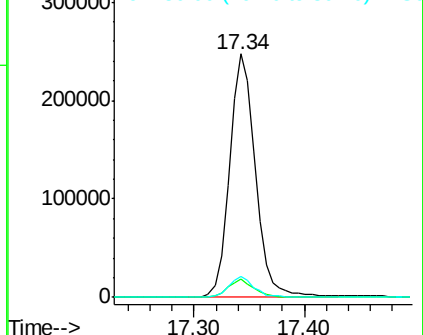
80 8.3 6.6 10.0



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: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

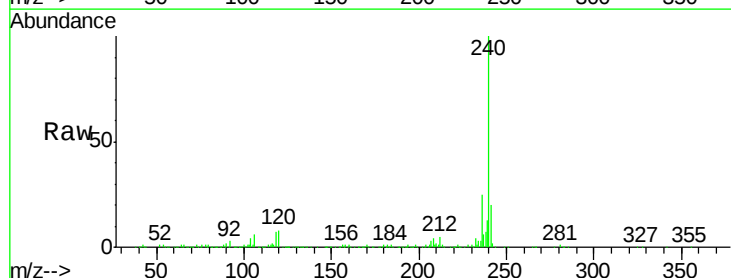
Tgt Ion:240 Resp: 376523

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

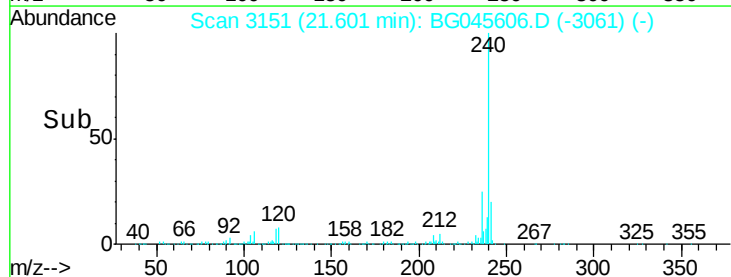
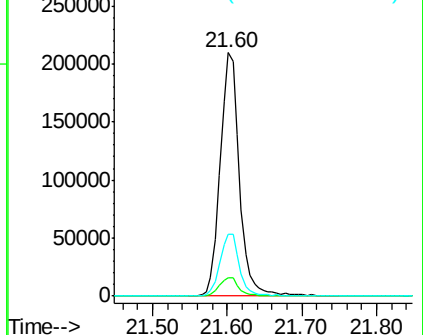
236 25.4 22.3 33.5

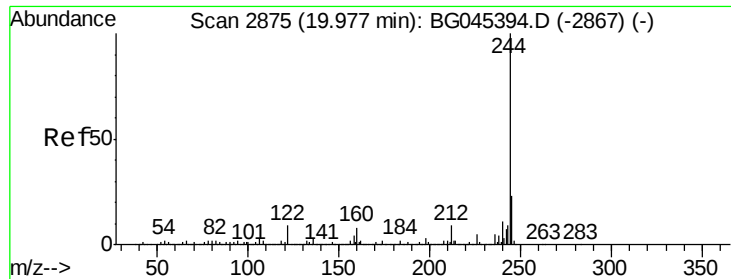


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.693 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

Instrument :

BNA_G

ClientSampleId :

PB129295BL

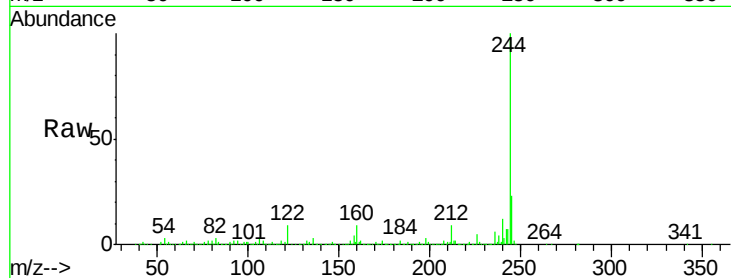
Tot Ion:244 Resp: 1787012

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	9.0	6.8	10.2

244 100

212 9.0 7.4 11.0

122 9.0 6.8 10.2



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

19.96

1500000

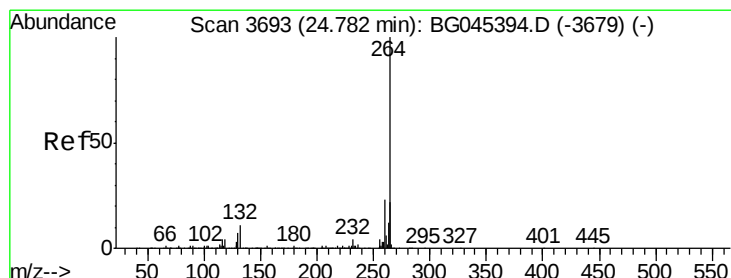
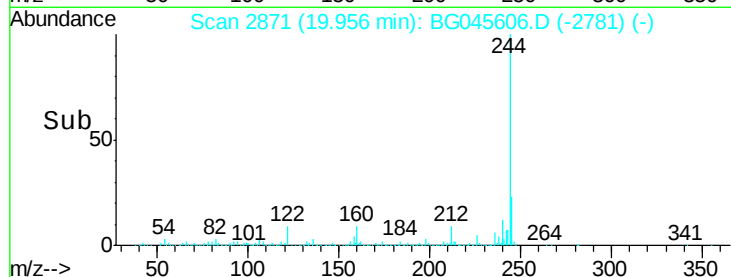
1000000

500000

0

Time-->

19.90 20.00 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045606.D

Acq: 4 Jun 2020 15:34

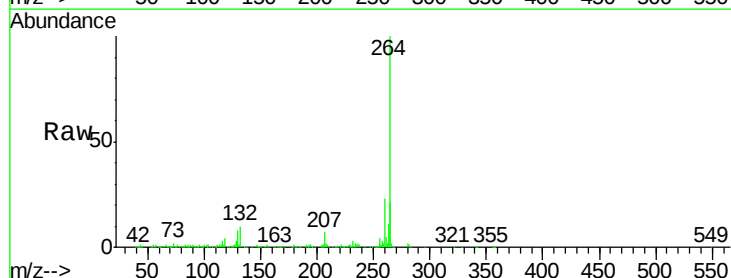
Tgt Ion:264 Resp: 386937

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.8	17.6	26.4

264 100

260 23.0 18.2 27.4

265 20.8 17.6 26.4



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

24.74

150000

100000

50000

0

Time-->

24.60 24.70 24.80 24.90

