

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045690.D
 Acq On : 10 Jun 2020 13:53
 Operator : CG/JU
 Sample : PB129457BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BL

Quant Time: Jun 10 15:35:49 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	59813	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	245432	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	189422	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	436018	20.00	ng	0.00
76) Chrysene-d12	21.60	240	416199	20.00	ng	0.00
87) Perylene-d12	24.74	264	429883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	364936	119.24	ng	0.00
7) Phenol-d6	7.13	99	522721	120.00	ng	-0.01
23) Nitrobenzene-d5	9.10	82	382533	84.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	288081	118.92	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	940914	84.26	ng	0.00
79) Terphenyl-d14	19.95	244	1605365	89.96	ng	0.00

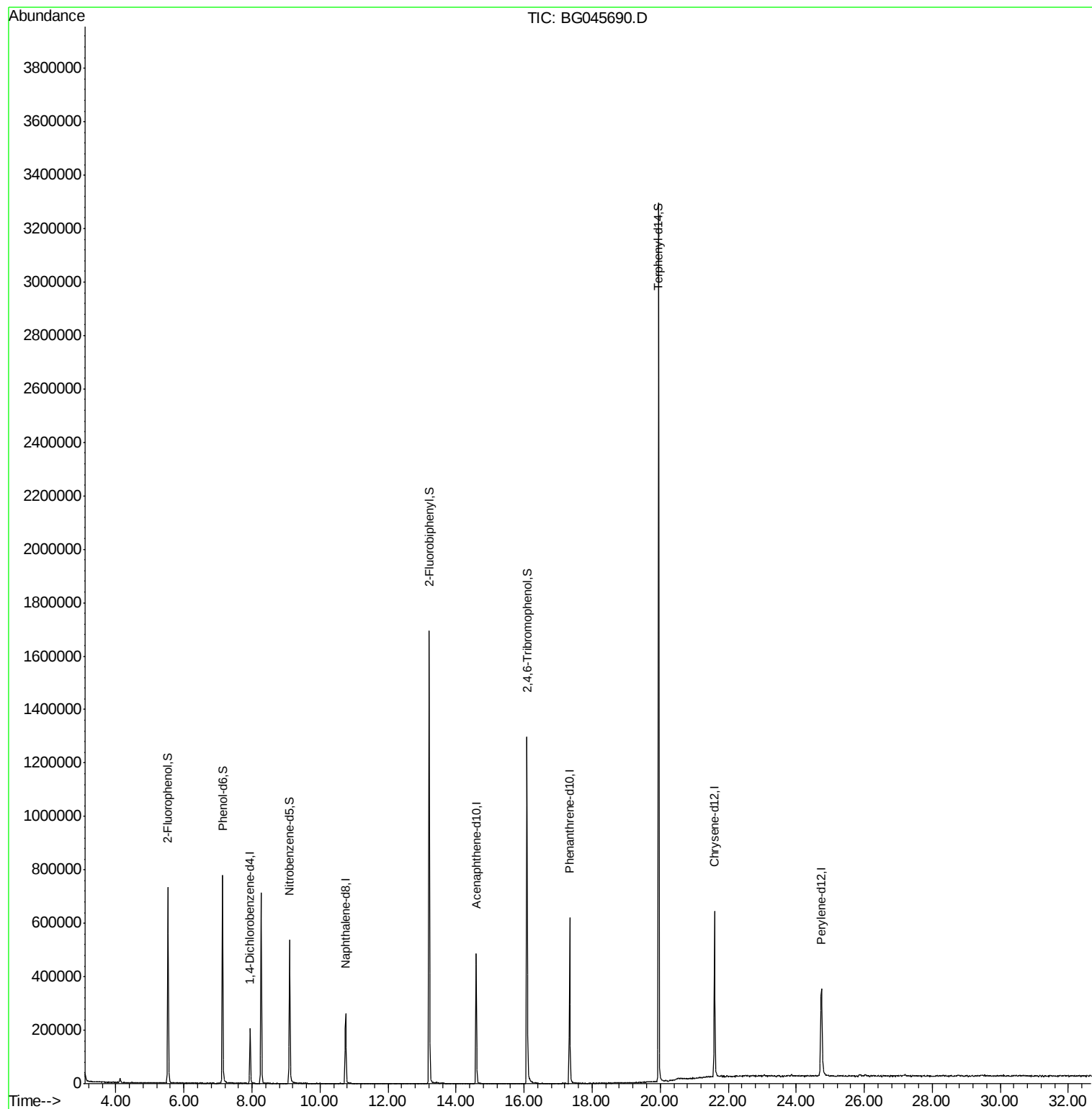
Target Compounds Qvalue

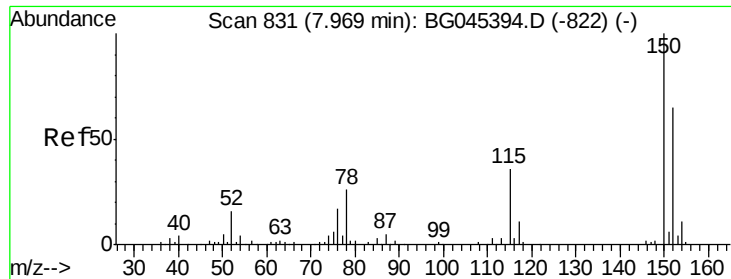
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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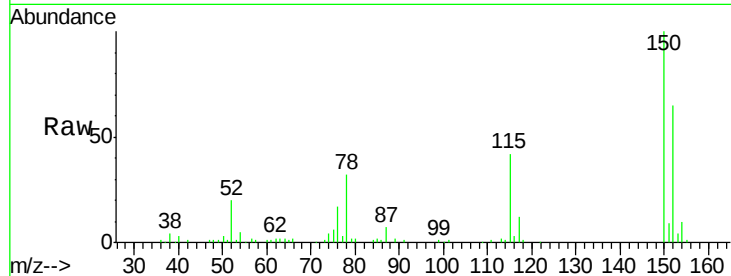


#1

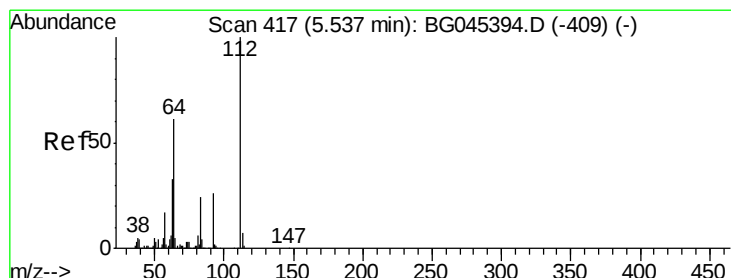
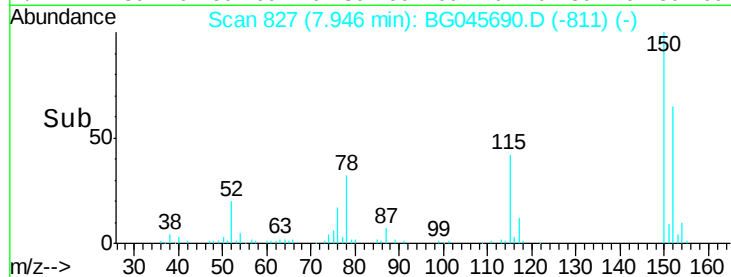
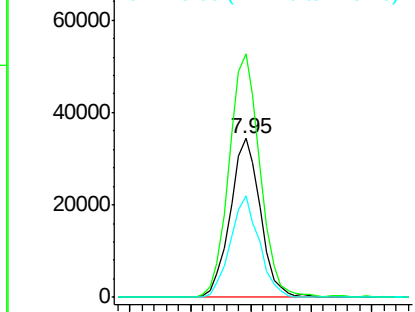
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG045690.D
 Acq: 10 Jun 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129457BL

Tot Ion:152 Resp: 59813
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.4 183.6
 115 63.7 44.2 66.4



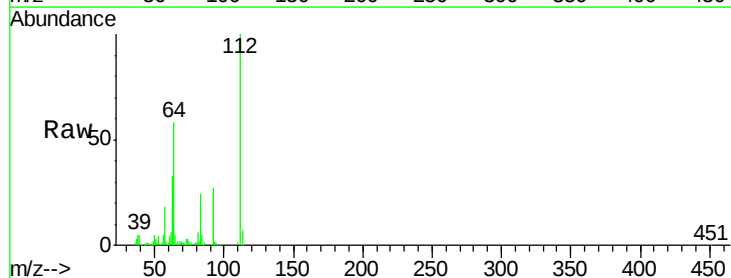
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



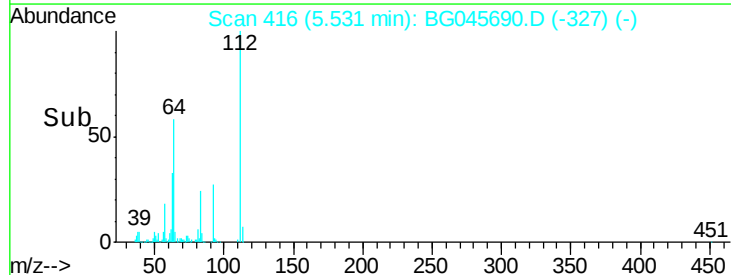
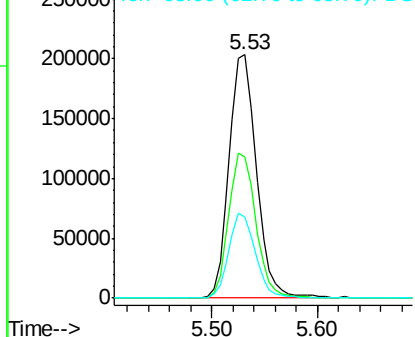
#5

2-Fluorophenol
 Concen: 119.237 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BG045690.D
 Acq: 10 Jun 2020 13:53

Tgt Ion:112 Resp: 364936
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.6 72.8
 63 33.5 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: 119.996 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB129457BL

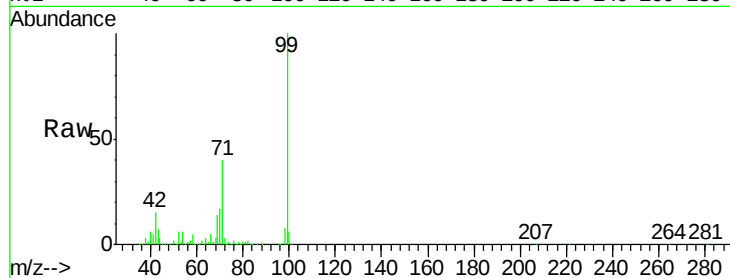
Tot Ion: 99 Resp: 522721

Ion Ratio Lower Upper

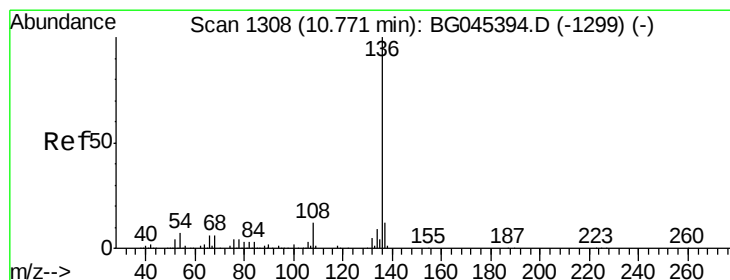
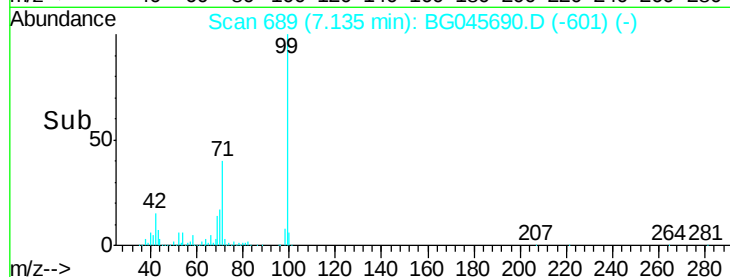
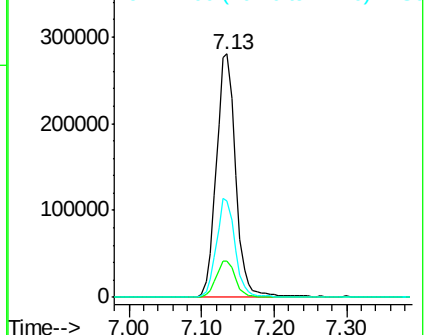
99 100

42 15.0 11.3 16.9

71 39.6 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: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

Tgt Ion: 136 Resp: 245432

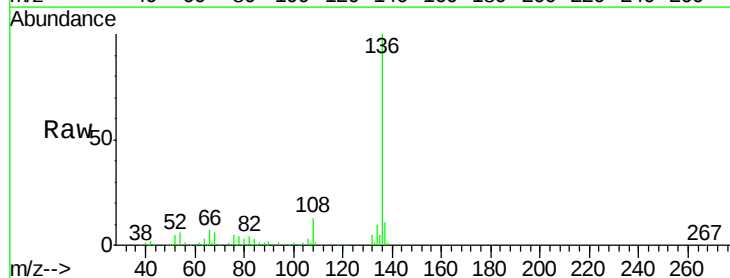
Ion Ratio Lower Upper

136 100

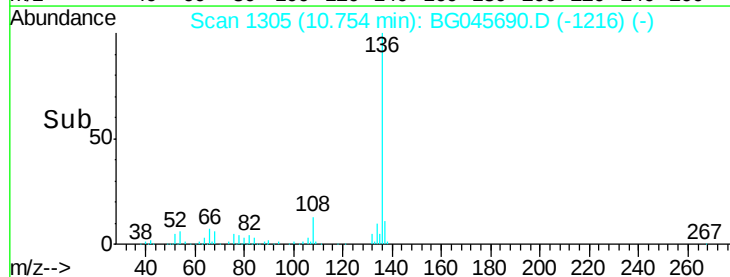
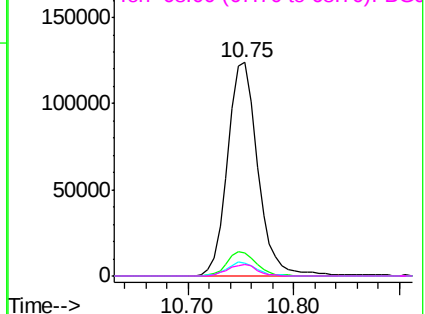
137 10.7 9.4 14.2

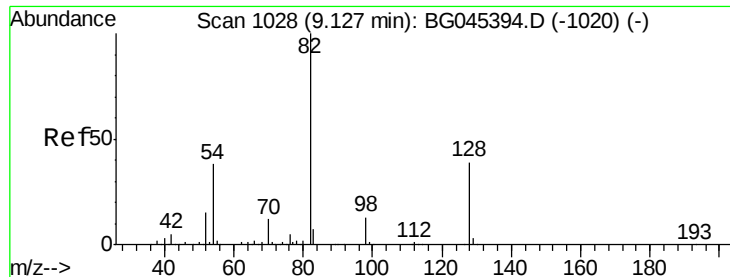
54 5.8 5.8 8.6

68 5.6 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

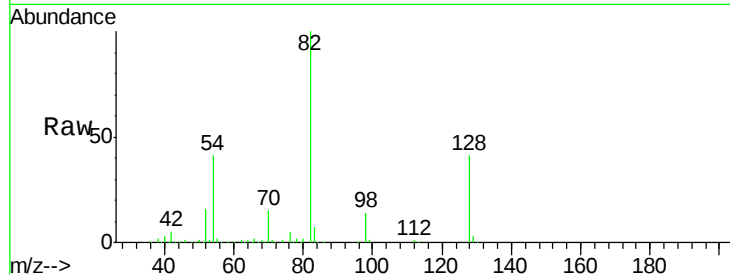




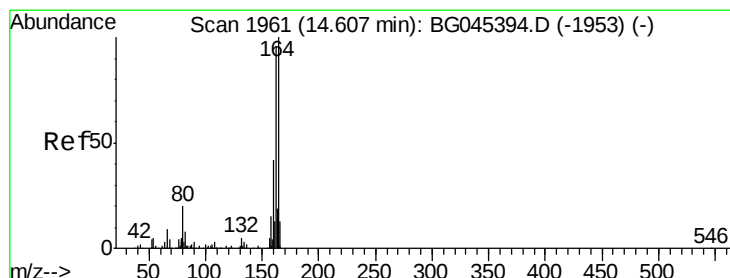
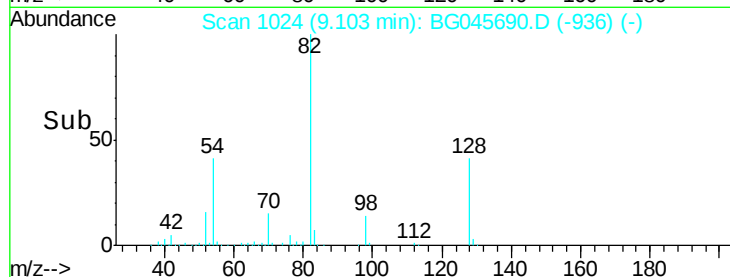
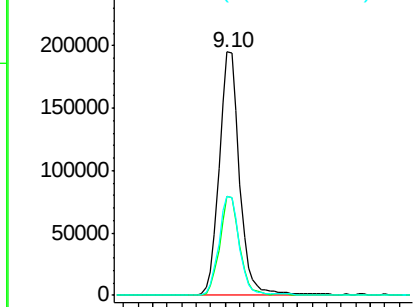
#23
Nitrobenzene-d5
Concen: 84.993 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045690.D
Acq: 10 Jun 2020 13:53

Instrument :
BNA_G
ClientSampleId :
PB129457BL

Tot Ion	82	Resp	382533
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.9	46.3
54	40.8	30.3	45.5

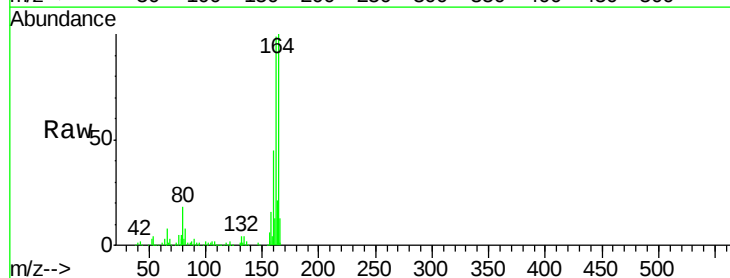


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

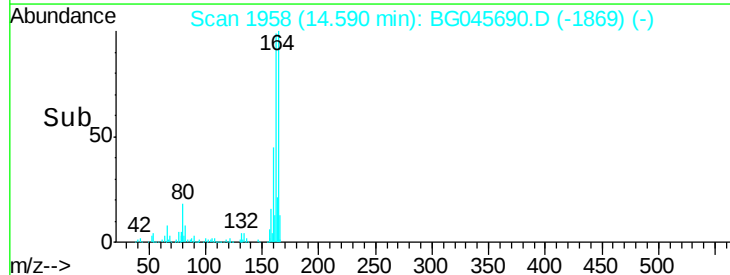
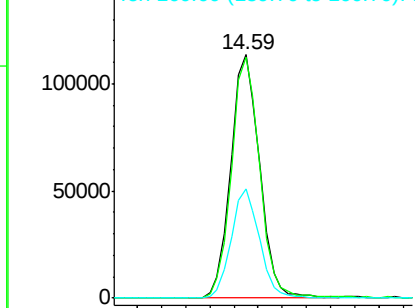


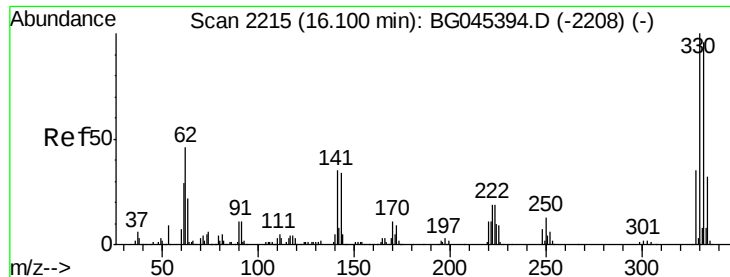
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045690.D
Acq: 10 Jun 2020 13:53

Tgt Ion	164	Resp	189422
Ion Ratio	Lower	Upper	
164	100		
162	98.8	76.9	115.3
160	45.1	33.8	50.8



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: 118.919 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB129457BL

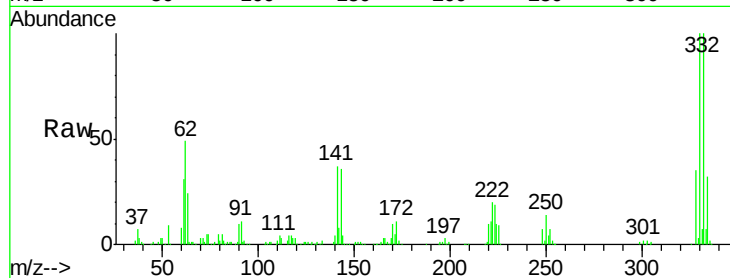
Tot Ion:330 Resp: 288081

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

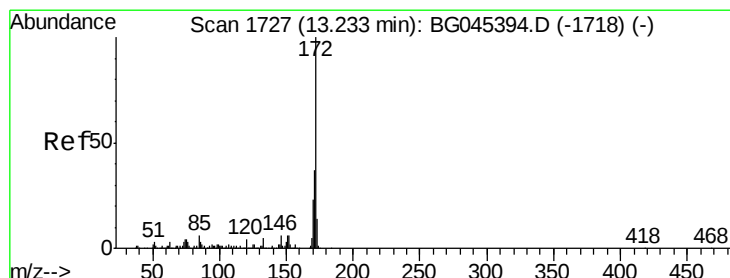
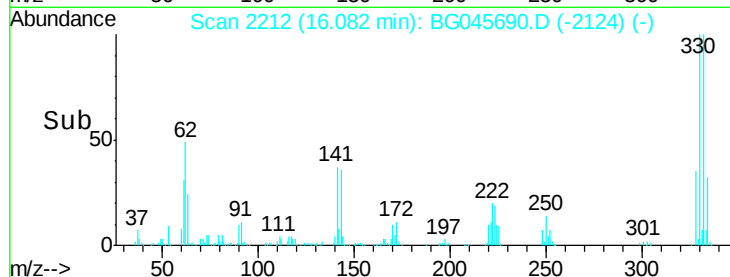
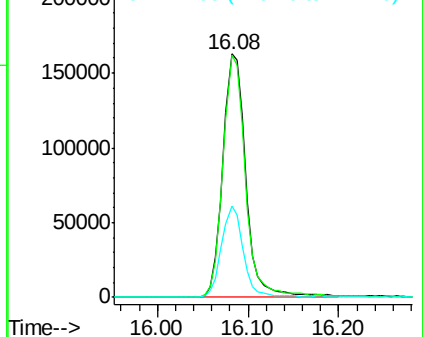
141 35.3 28.2 42.4



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: 84.256 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

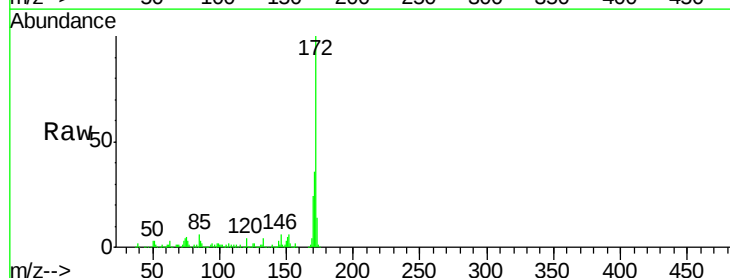
Tgt Ion:172 Resp: 940914

Ion Ratio Lower Upper

172 100

171 36.0 29.5 44.3

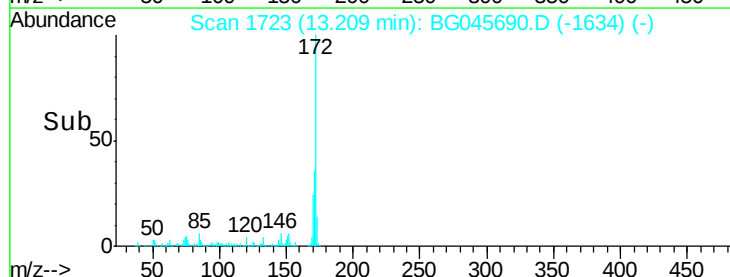
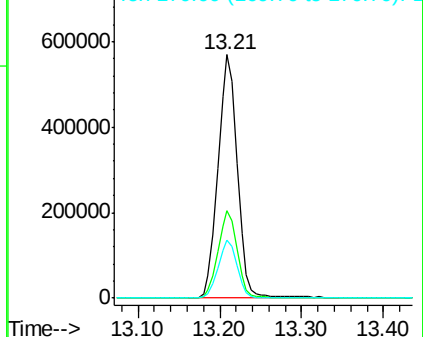
170 23.8 18.5 27.7

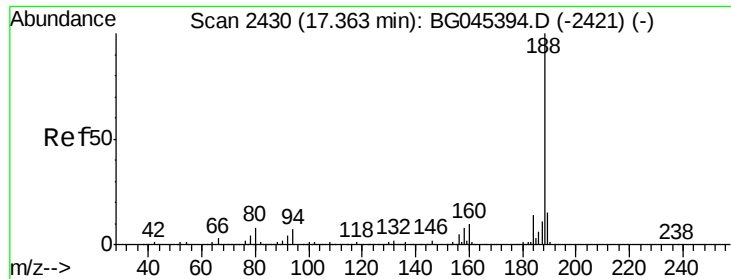


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB129457BL

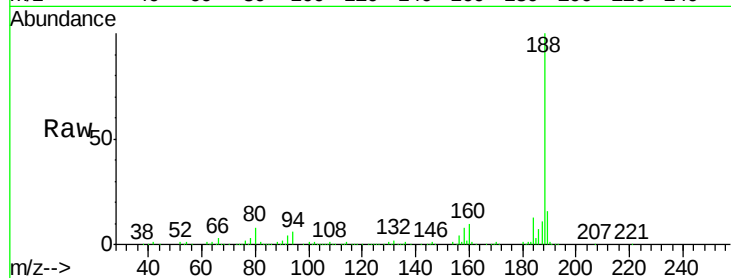
Tot Ion:188 Resp: 436018

Ion Ratio Lower Upper

188 100

94 5.7 5.5 8.3

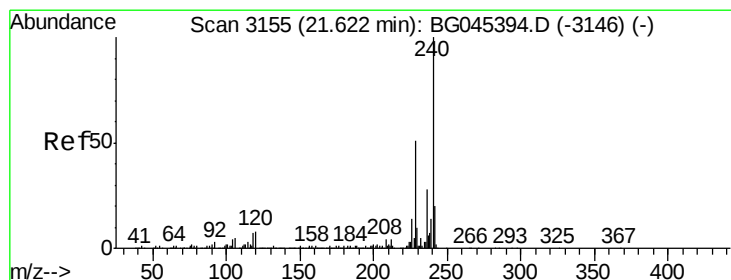
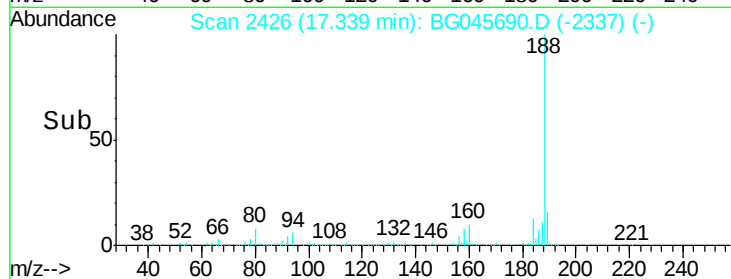
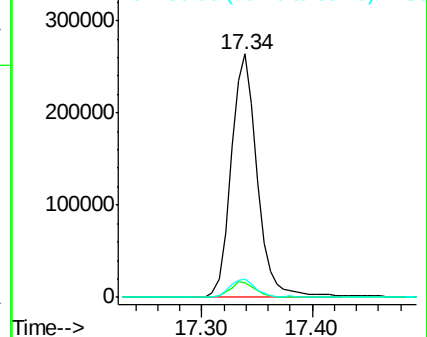
80 7.7 6.6 10.0



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. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

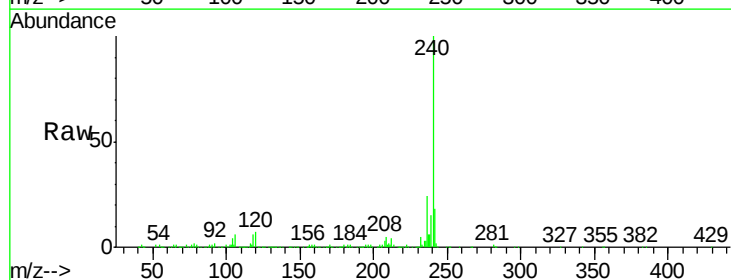
Tgt Ion:240 Resp: 416199

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

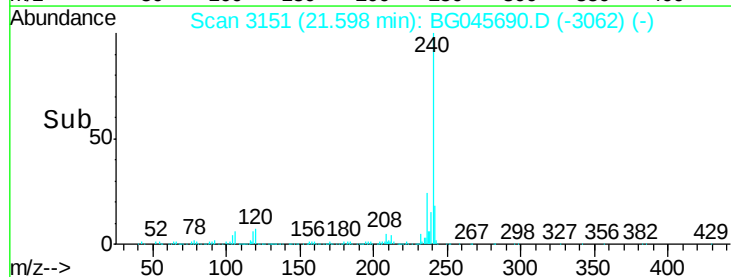
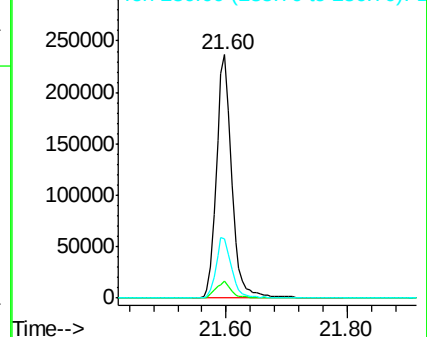
236 24.1 22.3 33.5

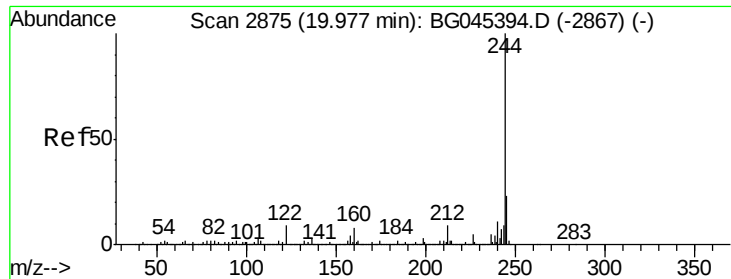


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.962 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB129457BL

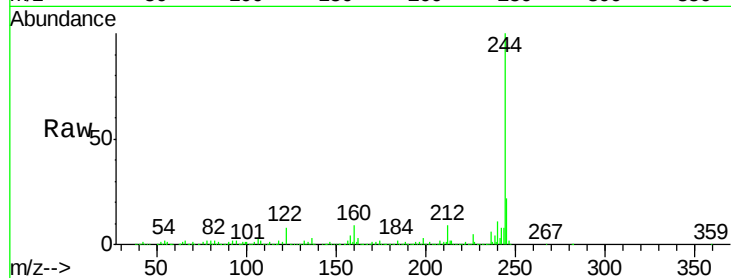
Tot Ion:244 Resp: 1605365

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

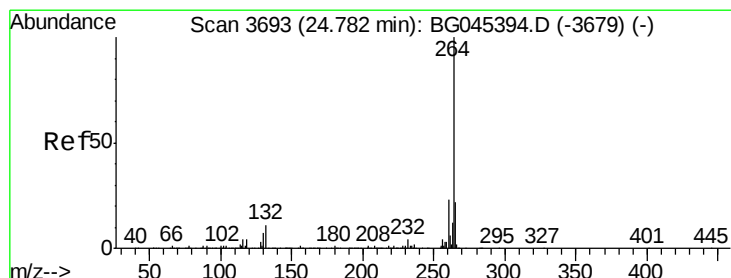
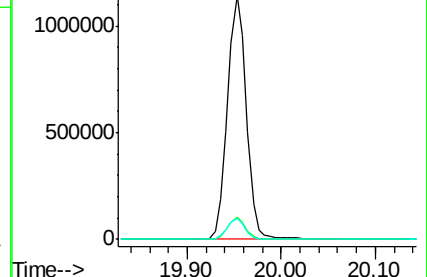
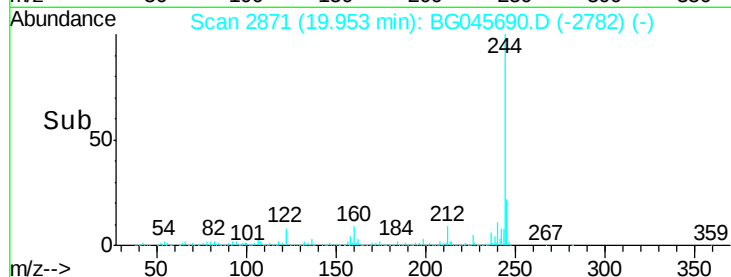
122 8.3 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045690.D

Acq: 10 Jun 2020 13:53

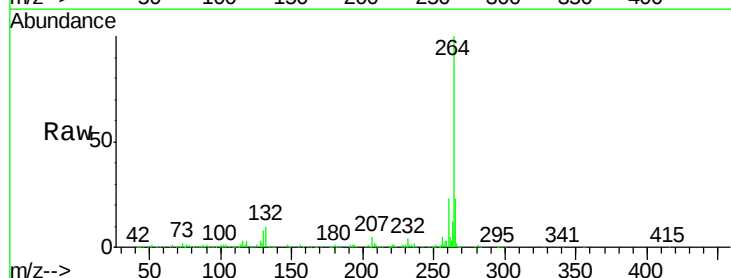
Tgt Ion:264 Resp: 429883

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.8 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

