

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045543.D
 Acq On : 30 May 2020 6:42
 Operator : CG/JU
 Sample : L2790-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-S

Quant Time: May 30 07:46:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

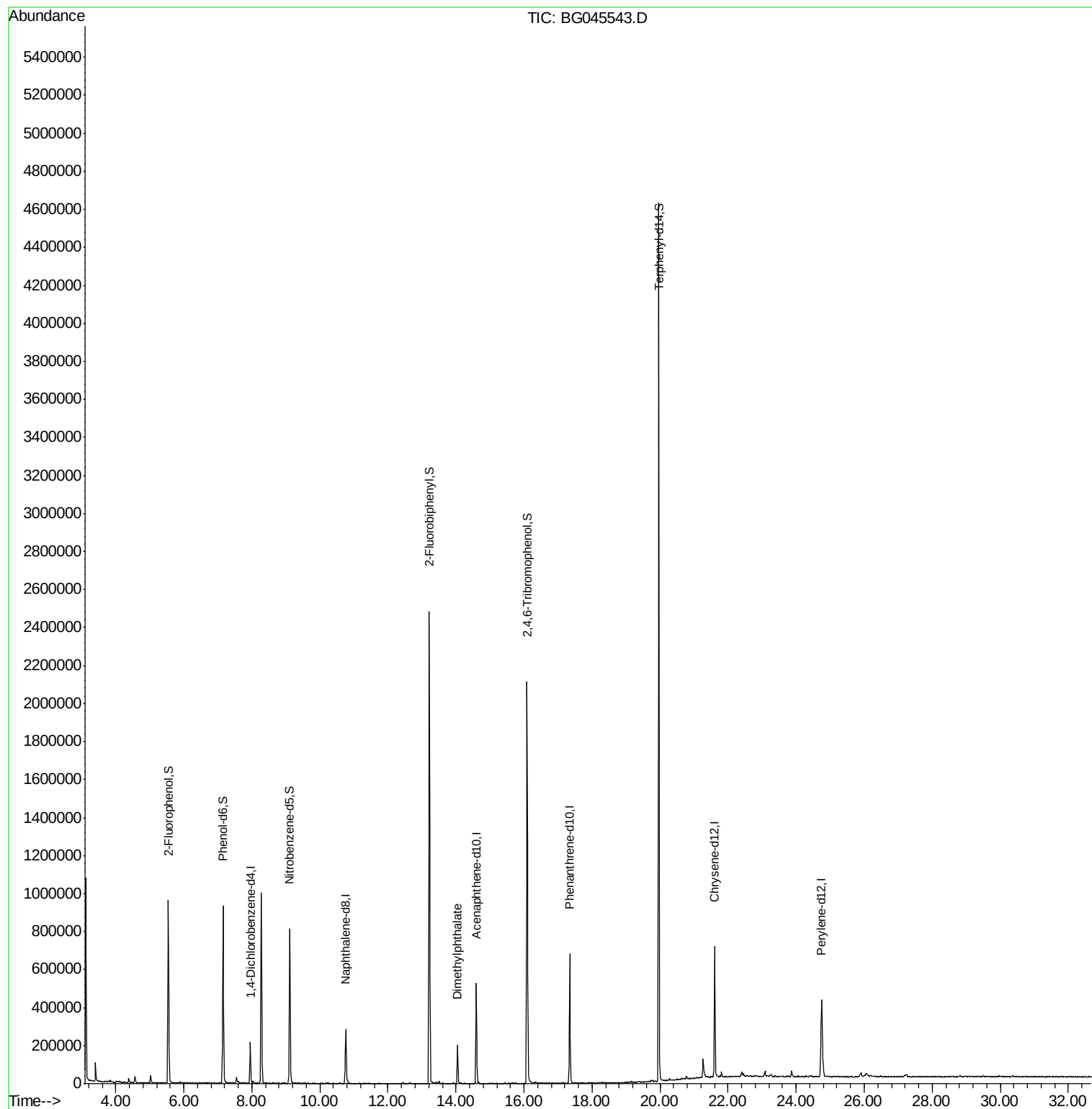
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65847	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264346	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	196970	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	463894	20.00	ng	0.00
76) Chrysene-d12	21.61	240	445167	20.00	ng	0.00
87) Perylene-d12	24.75	264	468125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	476406	141.39	ng	0.00
7) Phenol-d6	7.16	99	629314	131.23	ng	0.00
23) Nitrobenzene-d5	9.11	82	561396	115.81	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	456359	181.17	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1318805	113.57	ng	0.00
79) Terphenyl-d14	19.96	244	2182979	114.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	146066	10.81	ng	Qvalue 99

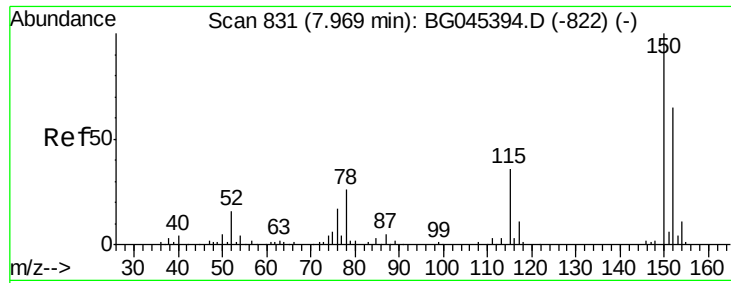
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

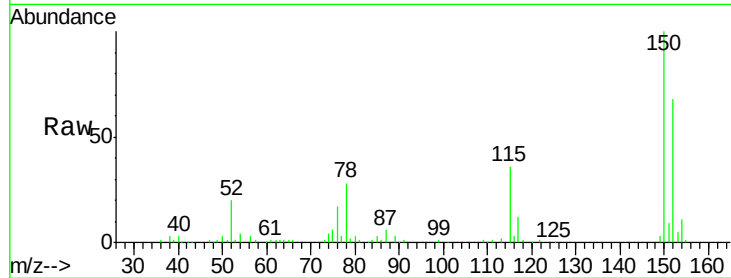
Tgt Ion:152 Resp: 65847

Ion Ratio Lower Upper

152 100

150 147.7 122.4 183.6

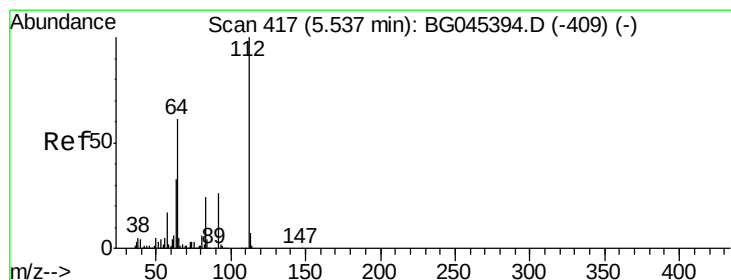
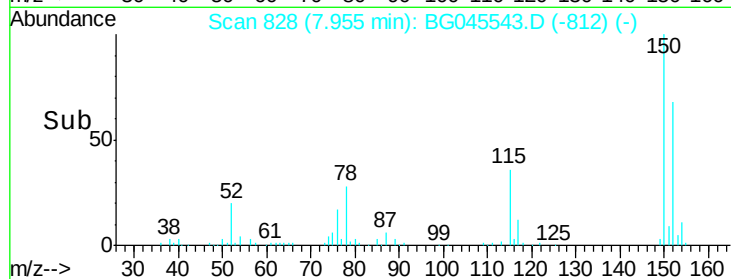
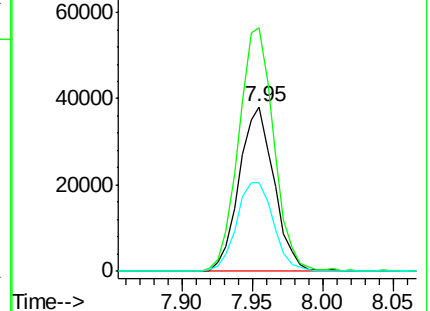
115 53.9 44.2 66.4



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: 141.39 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

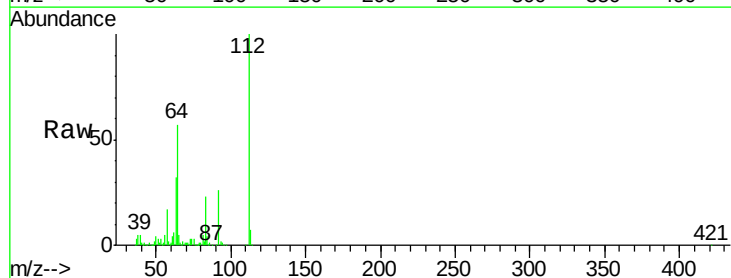
Tgt Ion:112 Resp: 476406

Ion Ratio Lower Upper

112 100

64 57.3 48.6 72.8

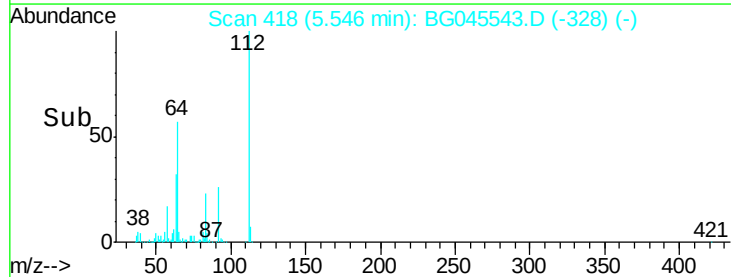
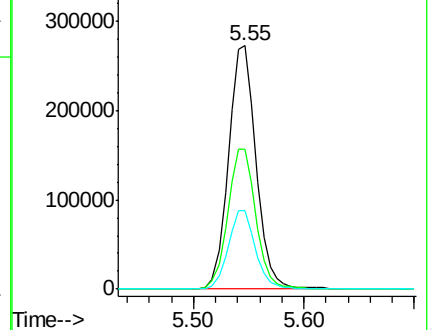
63 32.2 26.5 39.7

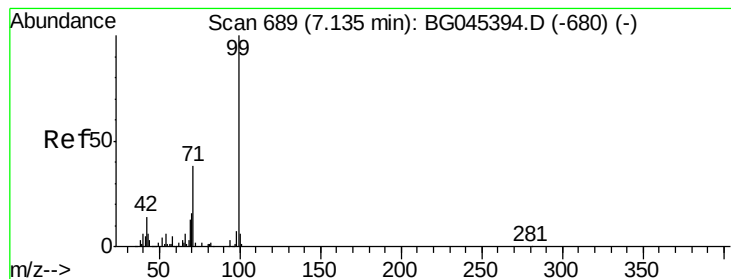


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.23 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

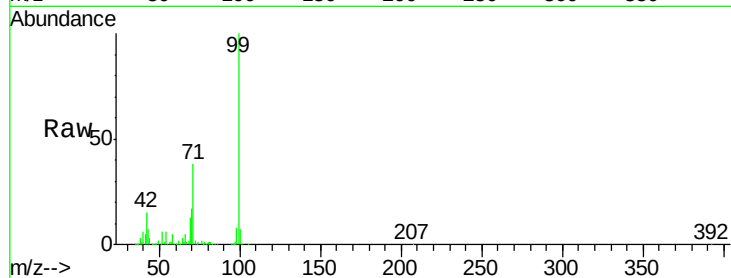
Tgt Ion: 99 Resp: 629314

Ion Ratio Lower Upper

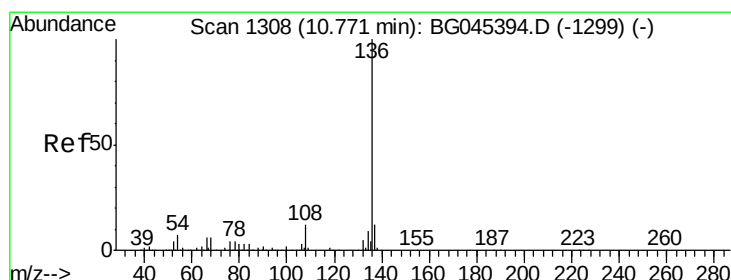
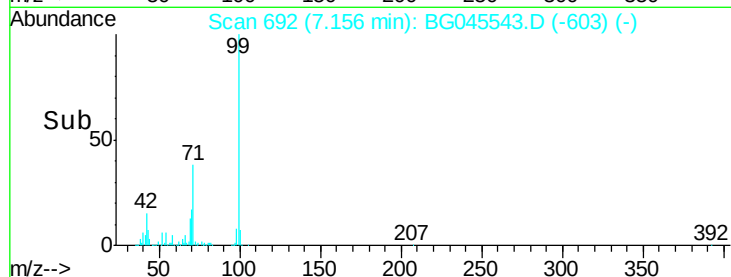
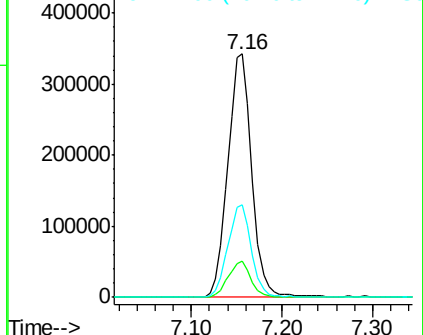
99 100

42 14.7 11.3 16.9

71 37.9 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: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Tgt Ion: 136 Resp: 264346

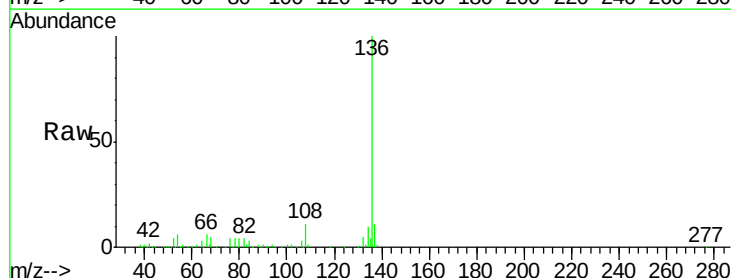
Ion Ratio Lower Upper

136 100

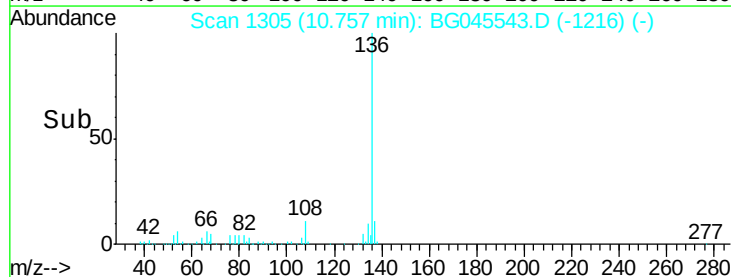
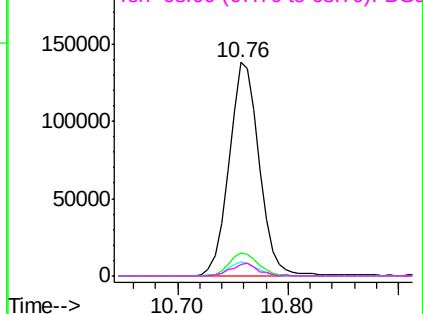
137 11.0 9.4 14.2

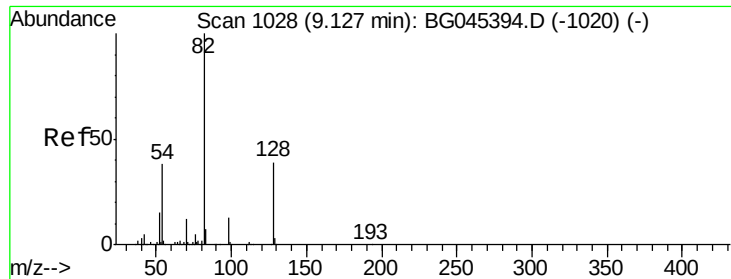
54 6.4 5.8 8.6

68 5.5 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

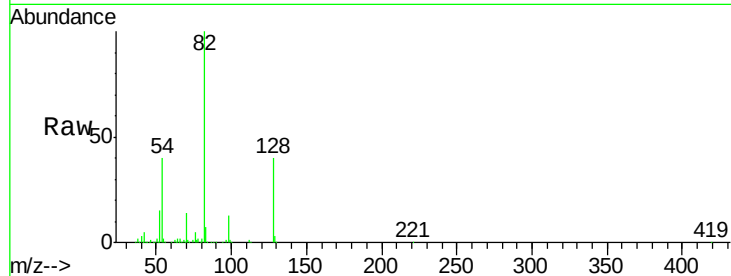




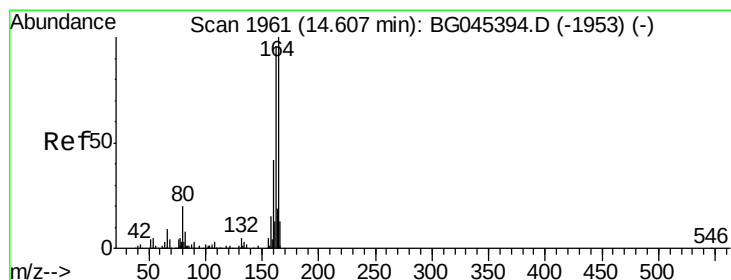
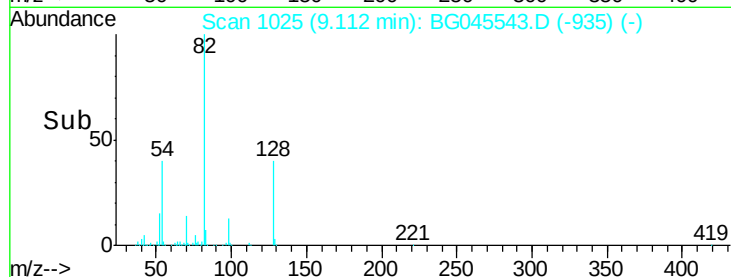
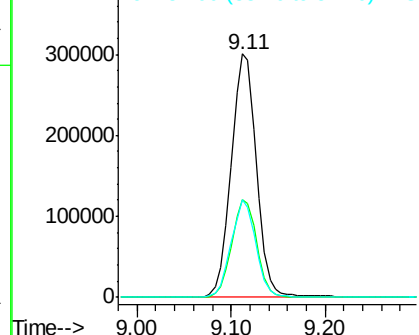
#23
 Nitrobenzene-d5
 Concen: 115.81 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045543.D
 Acq: 30 May 2020 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.9	46.3
54	40.2	30.3	45.5

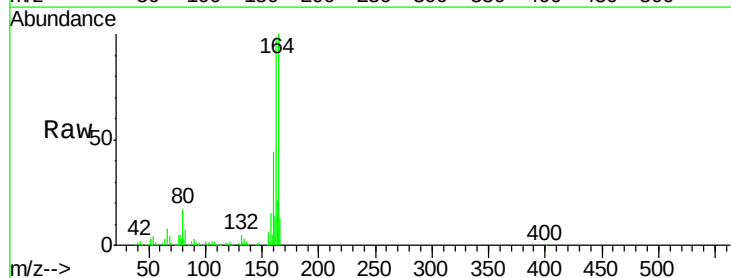


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

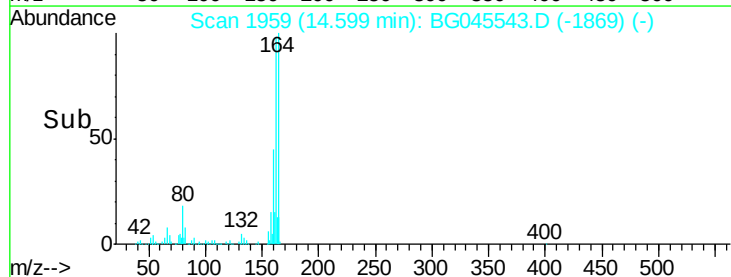
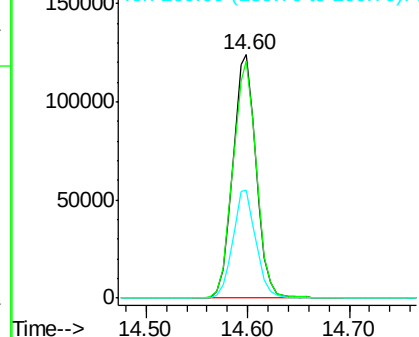


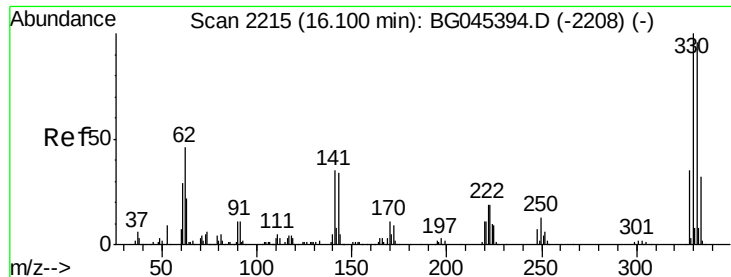
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045543.D
 Acq: 30 May 2020 6:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	44.2	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

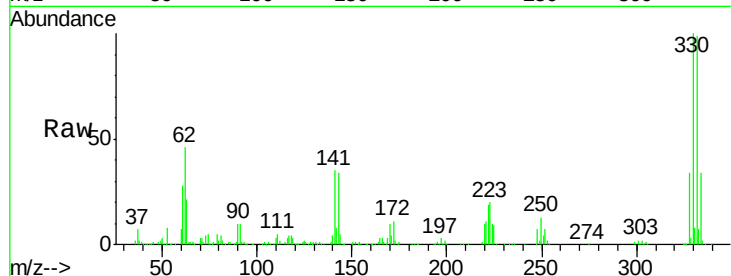




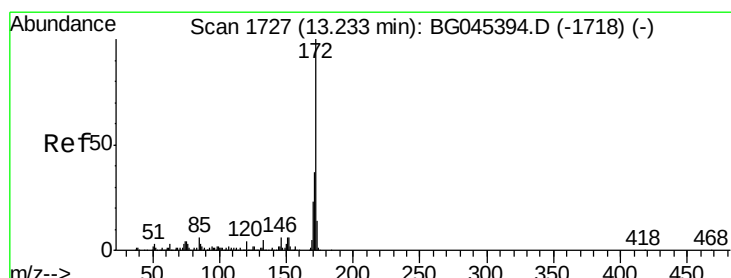
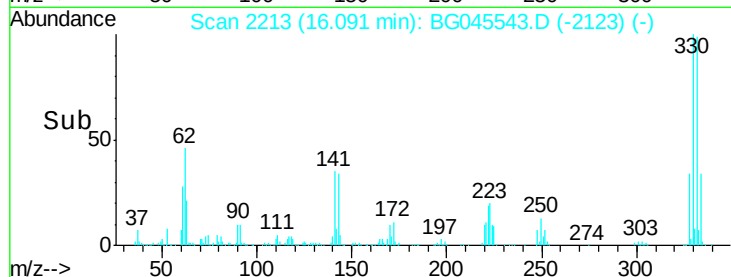
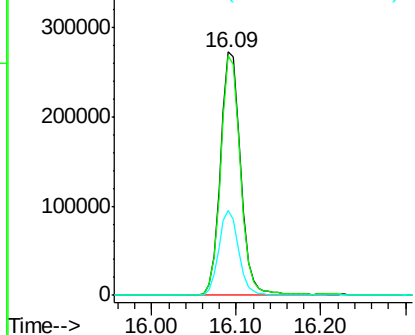
#42
 2,4,6-Tribromophenol
 Concen: 181.17 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045543.D
 Acq: 30 May 2020 6:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-S

Tgt Ion:330 Resp: 456359
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.4
 141 34.3 28.2 42.4

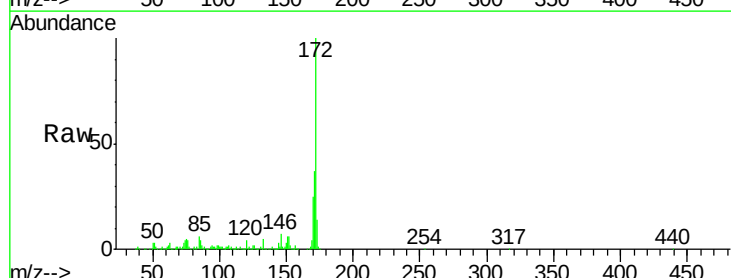


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

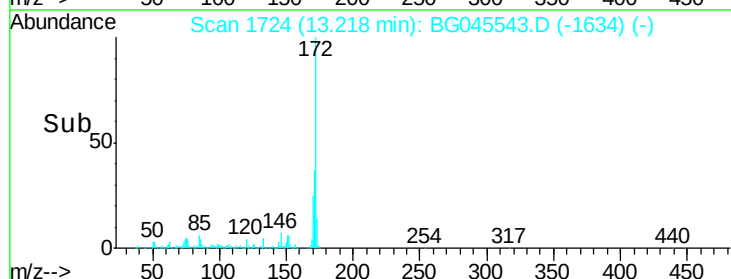
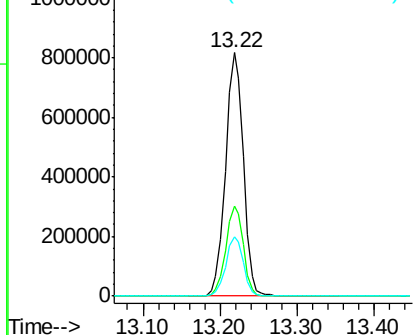


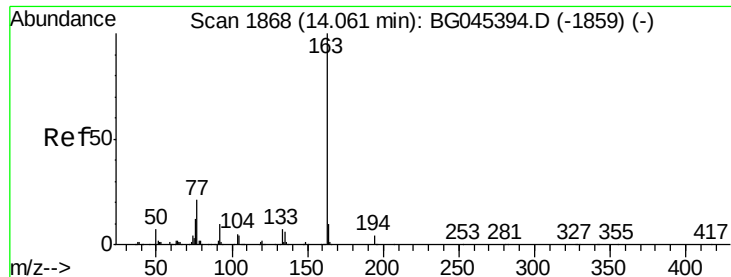
#45
 2-Fluorobiphenyl
 Concen: 113.57 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG045543.D
 Acq: 30 May 2020 6:42

Tgt Ion:172 Resp: 1318805
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.5 44.3
 170 24.5 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





#50

Dimethylphthalate

Concen: 10.81 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

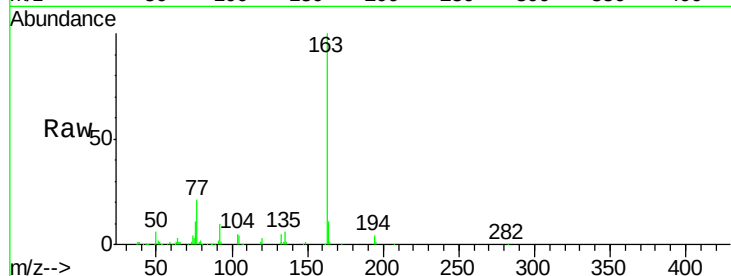
Tgt Ion:163 Resp: 146066

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

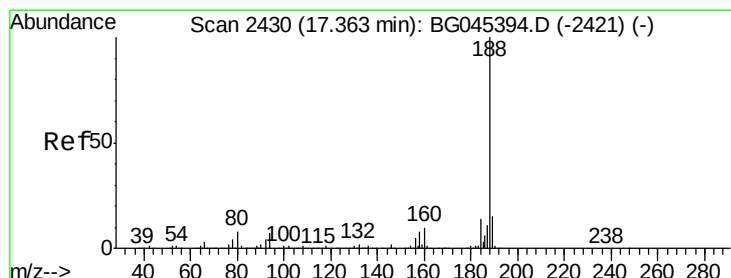
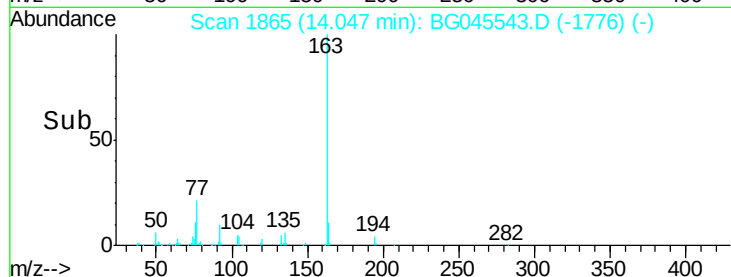
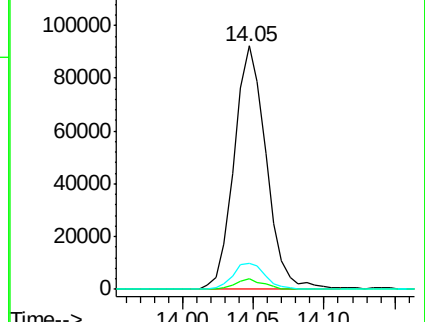
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

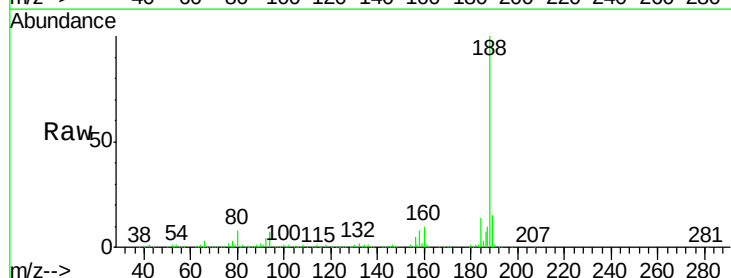
Tgt Ion:188 Resp: 463894

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

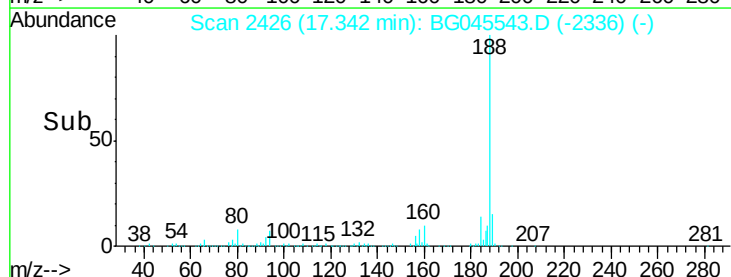
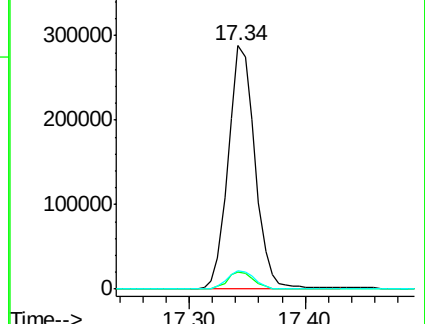
80 7.7 6.6 10.0

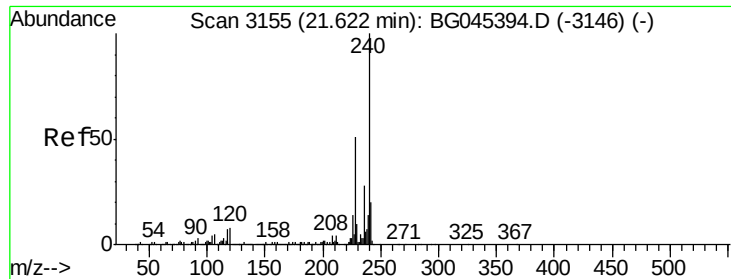


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

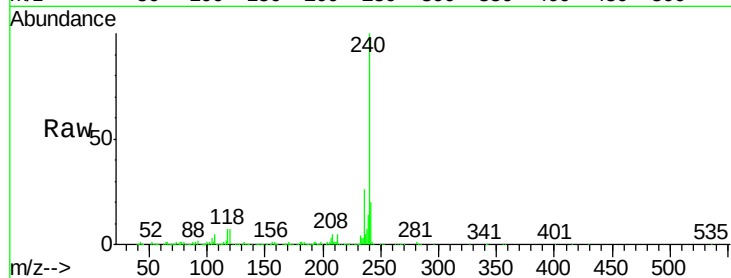
Tgt Ion:240 Resp: 445167

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

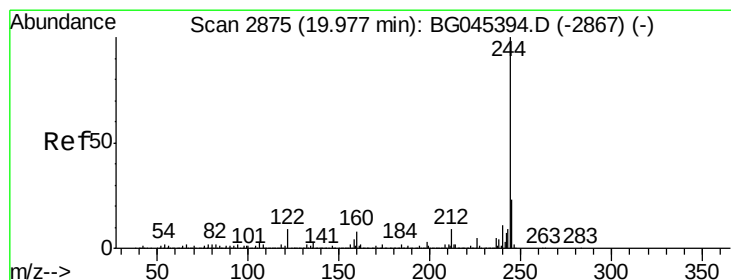
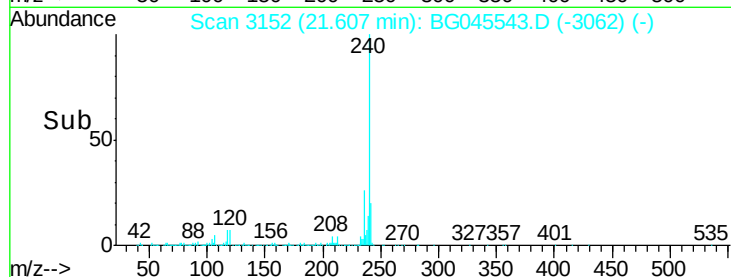
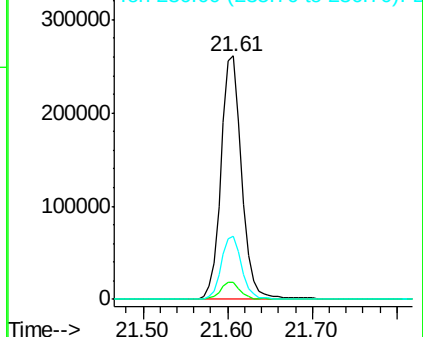
236 25.8 22.3 33.5



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: 114.37 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

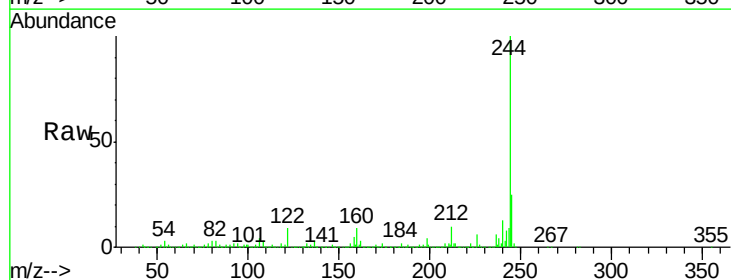
Tgt Ion:244 Resp: 2182979

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

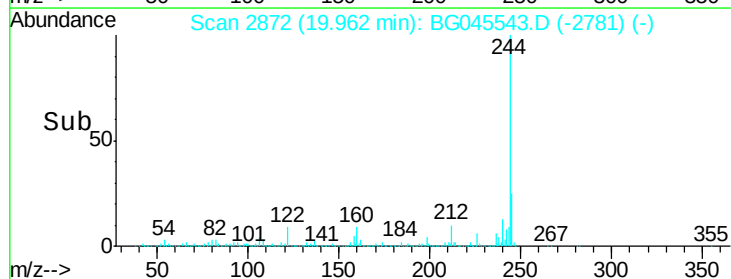
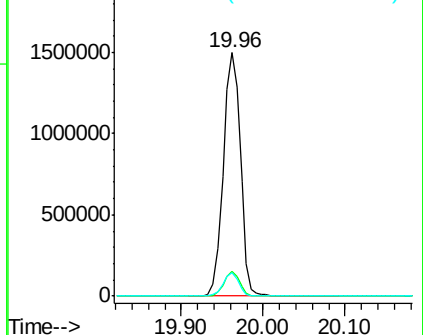
122 9.5 6.8 10.2

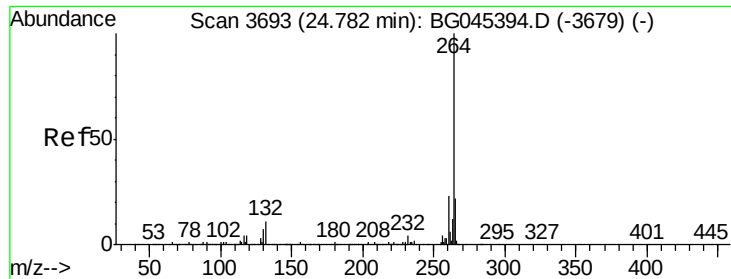


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Tgt Ion:	264	Resp:	468125
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.0	17.6	26.4

