

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045559.D
 Acq On : 1 Jun 2020 17:16
 Operator : CG/JU
 Sample : L2796-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48963

Quant Time: Jun 01 17:59:51 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

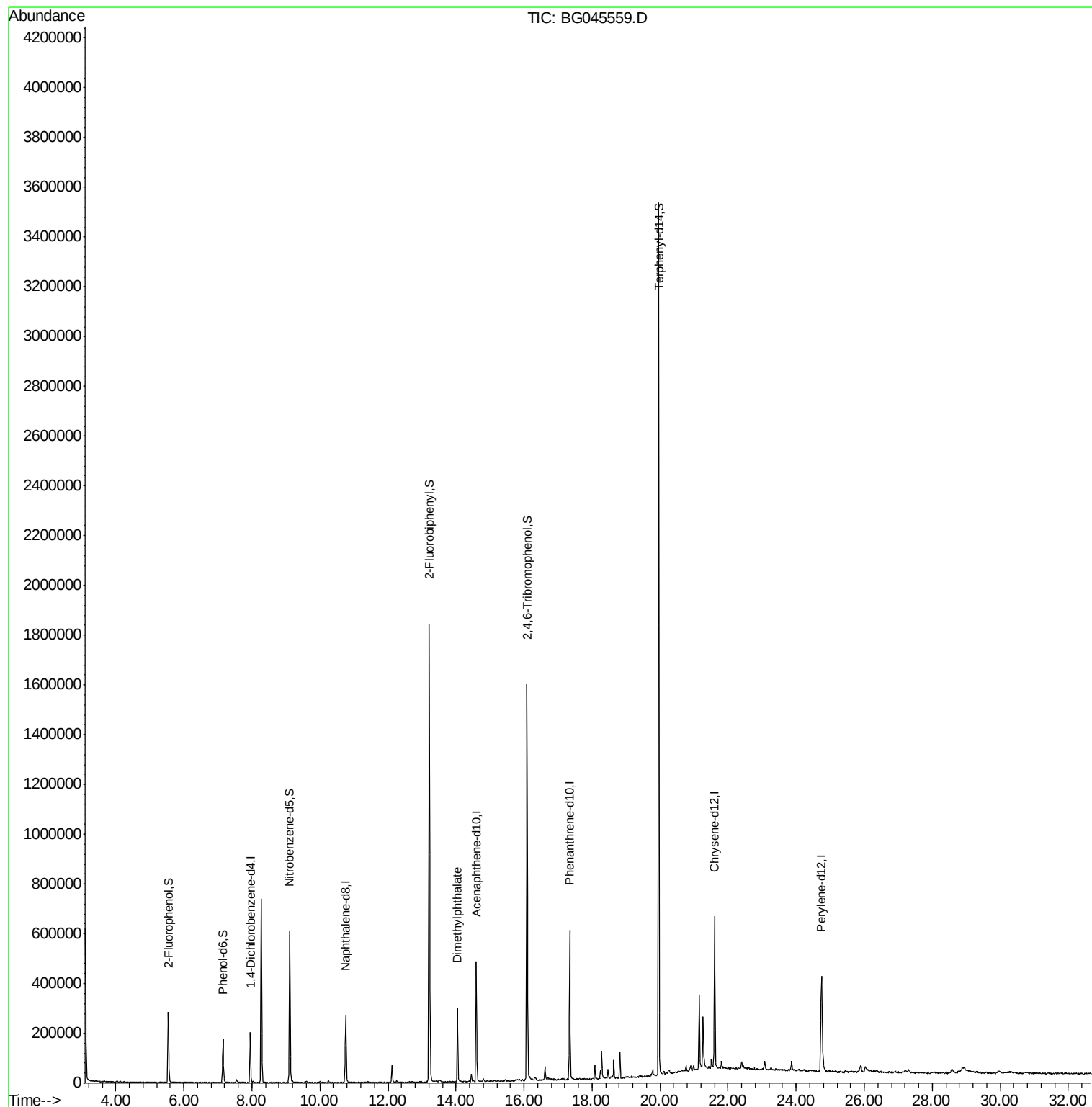
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60622	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	250067	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	180895	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	403917	20.00	ng	0.00
76) Chrysene-d12	21.60	240	395341	20.00	ng	0.00
87) Perylene-d12	24.74	264	431938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	138986	44.81	ng	0.00
7) Phenol-d6	7.15	99	123601	28.00	ng	0.00
23) Nitrobenzene-d5	9.11	82	414937	90.48	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	326842	141.28	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1012366	94.93	ng	0.00
79) Terphenyl-d14	19.96	244	1671294	98.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	196871	15.865	ng	Qvalue 100

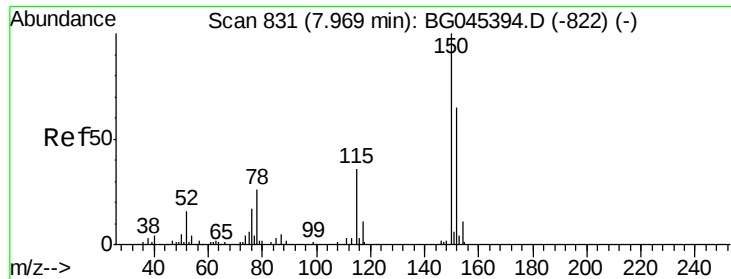
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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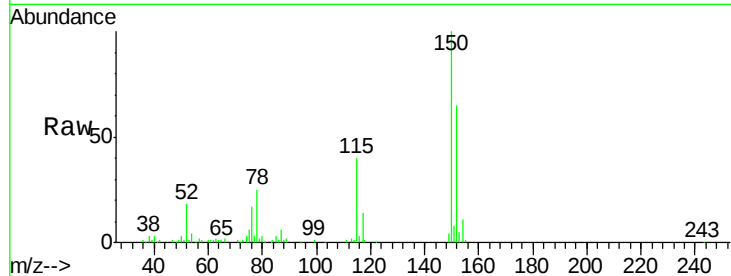


#1

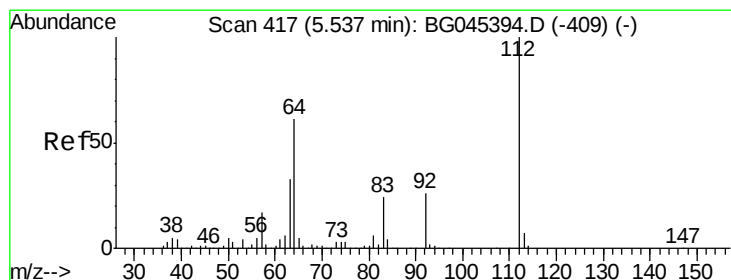
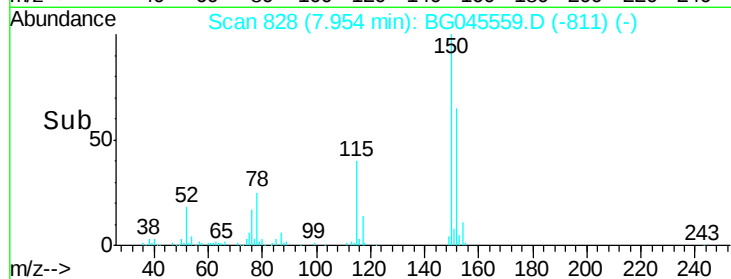
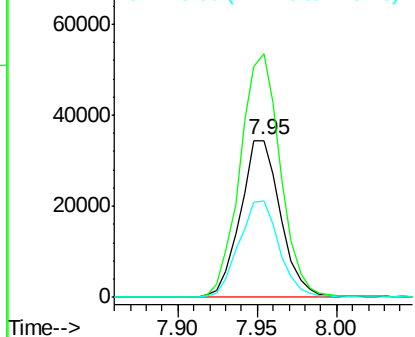
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045559.D
Acq: 1 Jun 2020 17:16

Instrument :
BNA_G
ClientSampleId :
N48963

Tot Ion:152 Resp: 60622
Ion Ratio Lower Upper
152 100
150 155.0 122.4 183.6
115 61.7 44.2 66.4



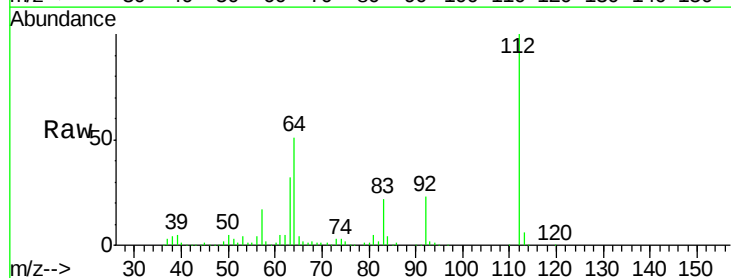
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



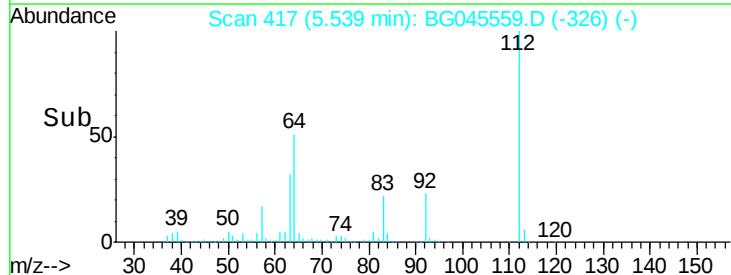
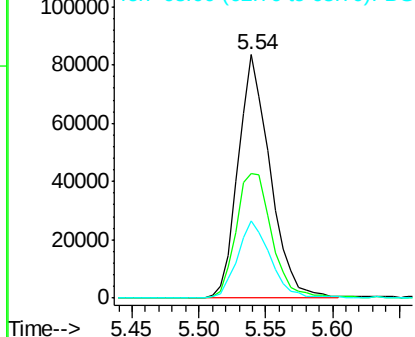
#5

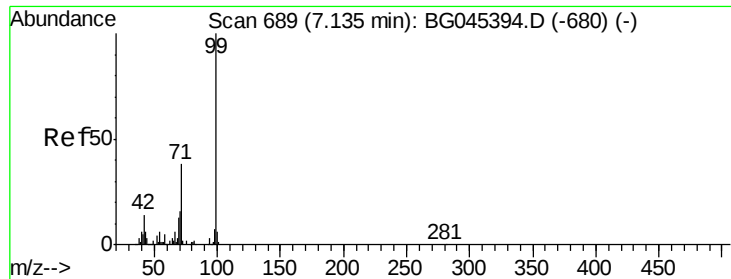
2-Fluorophenol
Concen: 44.805 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045559.D
Acq: 1 Jun 2020 17:16

Tgt Ion:112 Resp: 138986
Ion Ratio Lower Upper
112 100
64 51.2 48.6 72.8
63 31.7 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: 27.995 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045559.D

Acq: 1 Jun 2020 17:16

Instrument :

BNA_G

ClientSampleId :

N48963

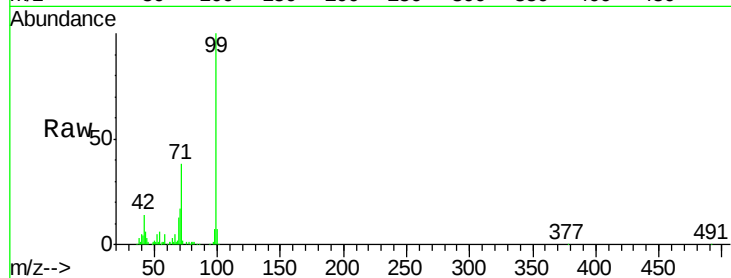
Tot Ion: 99 Resp: 123601

Ion Ratio Lower Upper

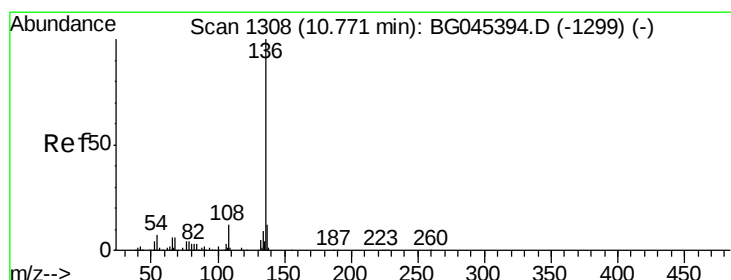
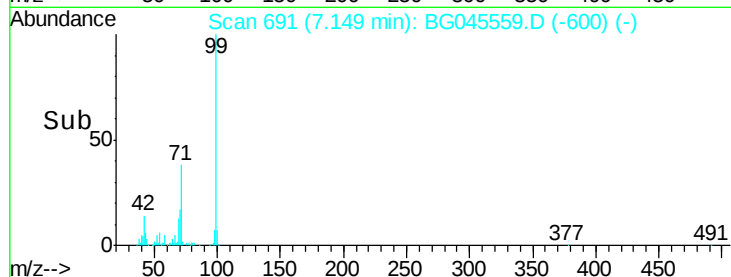
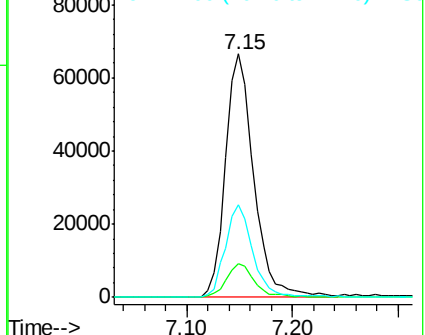
99 100

42 14.1 11.3 16.9

71 38.2 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: BG045559.D

Acq: 1 Jun 2020 17:16

Tgt Ion: 136 Resp: 250067

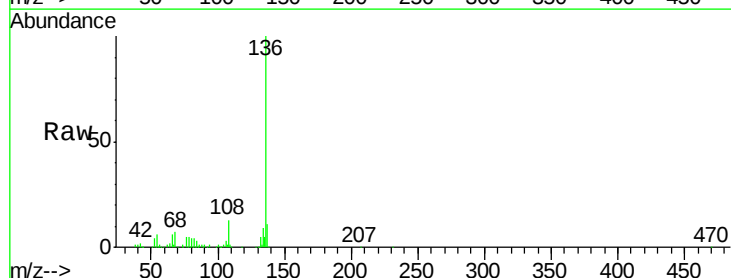
Ion Ratio Lower Upper

136 100

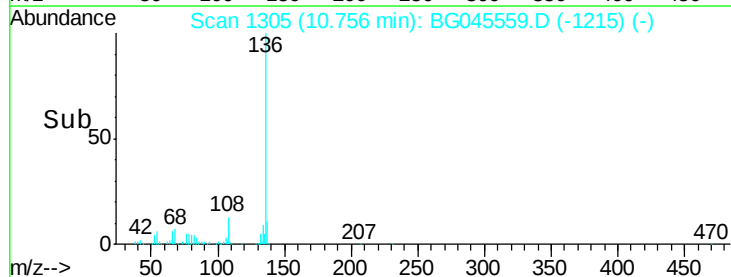
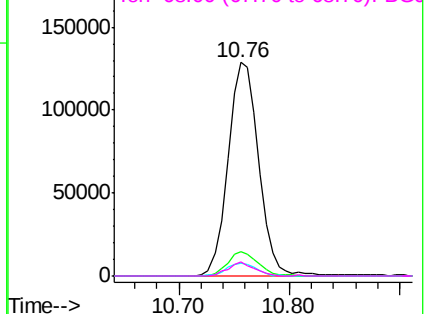
137 11.3 9.4 14.2

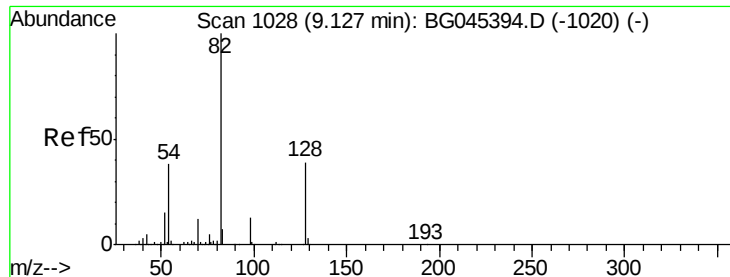
54 5.9 5.8 8.6

68 6.6 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

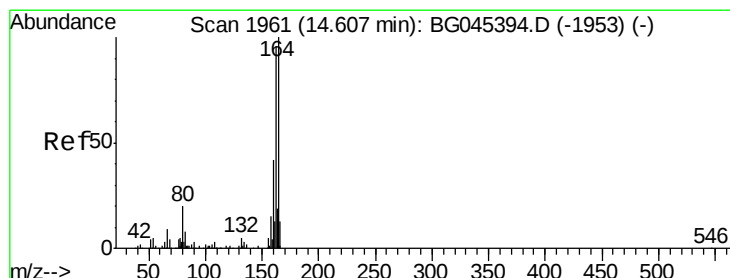
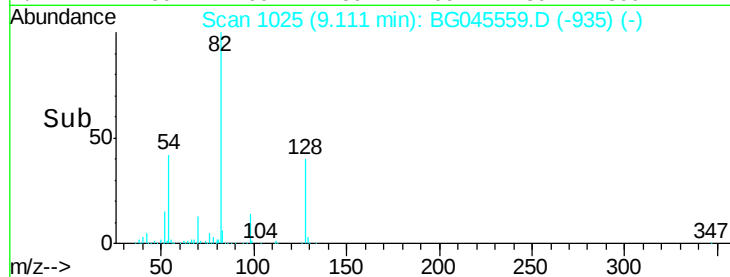
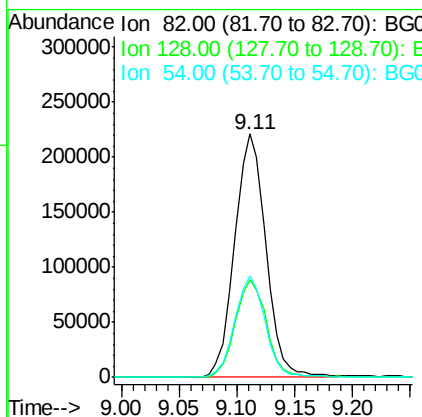
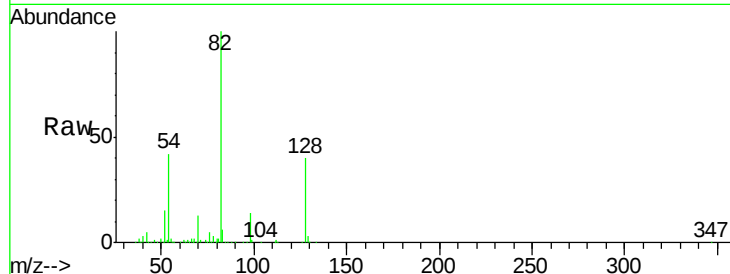




#23
 Nitrobenzene-d5
 Concen: 90.484 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045559.D
 Acq: 1 Jun 2020 17:16

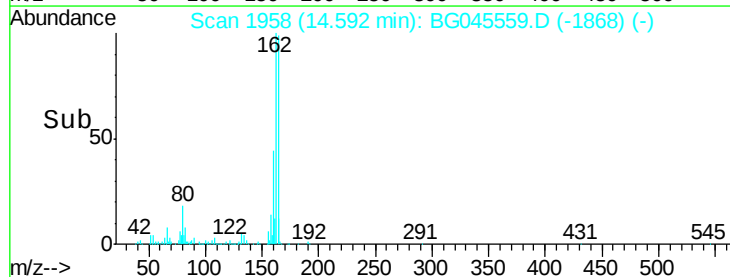
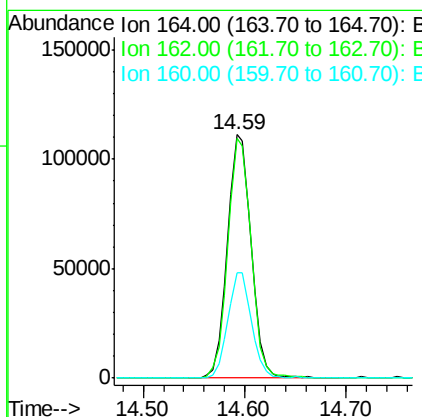
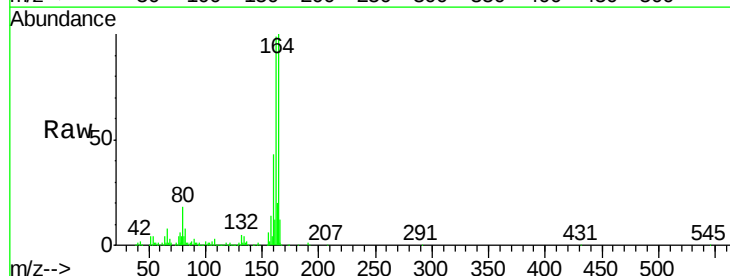
Instrument :
 BNA_G
 ClientSampleId :
 N48963

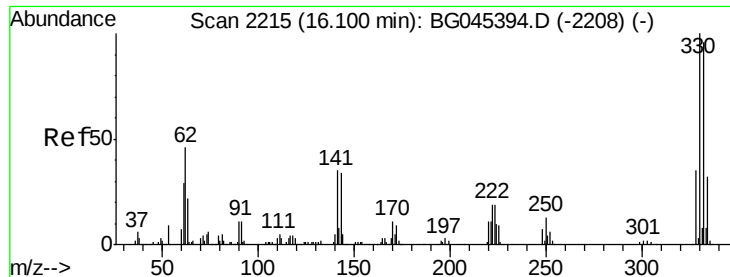
Tot Ion	82	Resp	414937
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.9	46.3
54	41.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045559.D
 Acq: 1 Jun 2020 17:16

Tgt Ion	164	Resp	180895
Ion Ratio	Lower	Upper	
164	100		
162	98.7	76.9	115.3
160	43.2	33.8	50.8

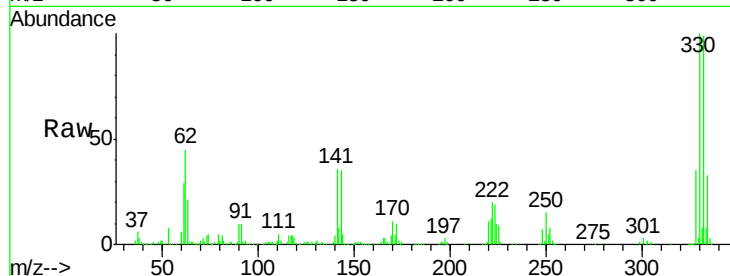




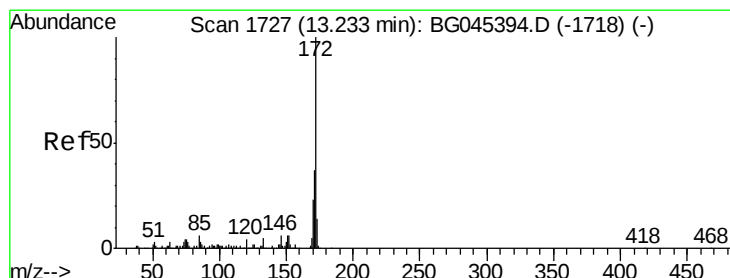
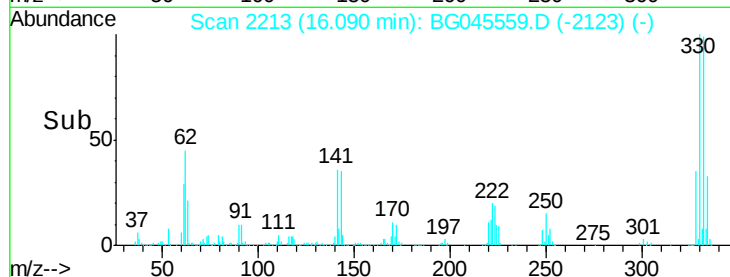
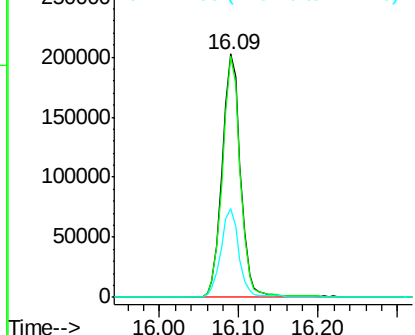
#42
 2,4,6-Tribromophenol
 Concen: 141.279 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045559.D
 Acq: 1 Jun 2020 17:16

Instrument :
 BNA_G
 ClientSampled :
 N48963

Tot Ion:330 Resp: 326842
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.4
 141 35.1 28.2 42.4

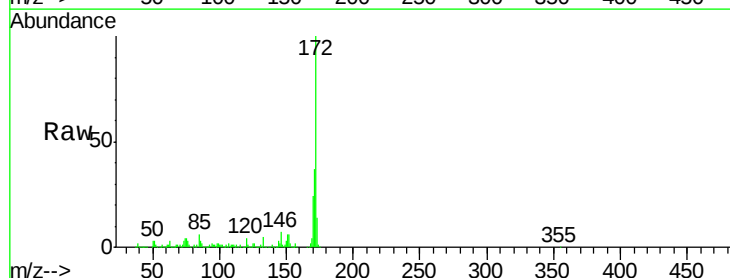


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

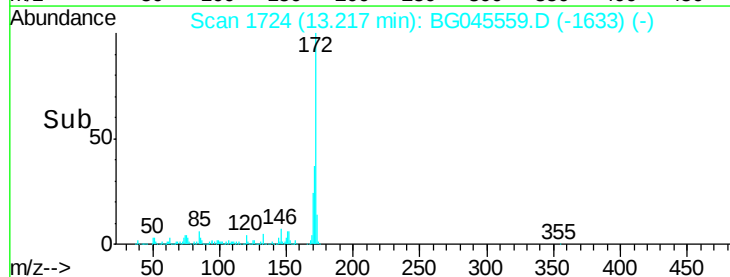
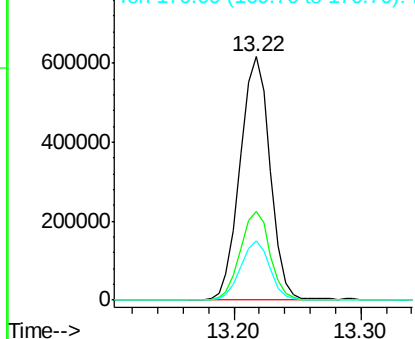


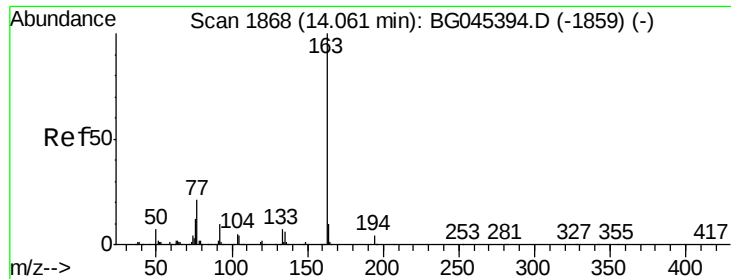
#45
 2-Fluorobiphenyl
 Concen: 94.927 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045559.D
 Acq: 1 Jun 2020 17:16

Tgt Ion:172 Resp: 1012366
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.4 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: 15.865 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045559.D

Acq: 1 Jun 2020 17:16

Instrument :

BNA_G

ClientSampleId :

N48963

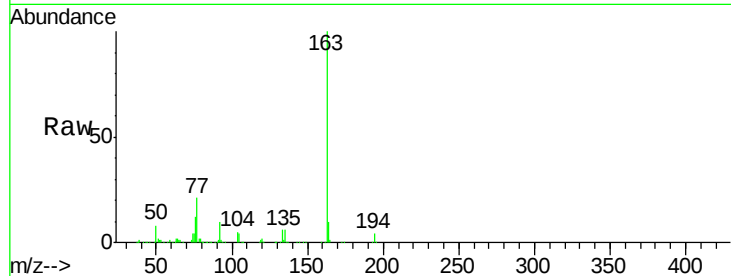
Tot Ion:163 Resp: 196871

Ion Ratio Lower Upper

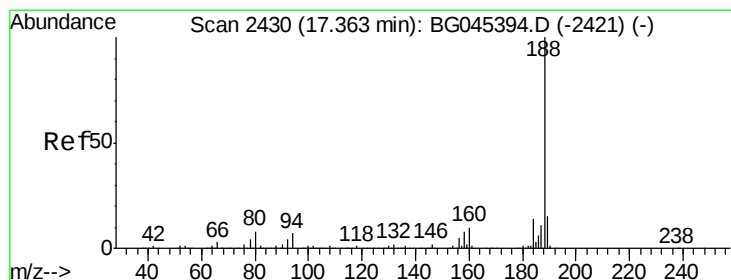
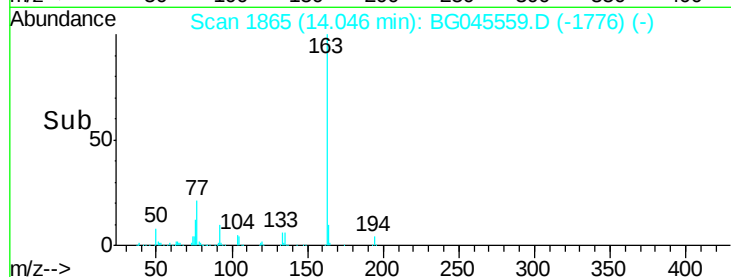
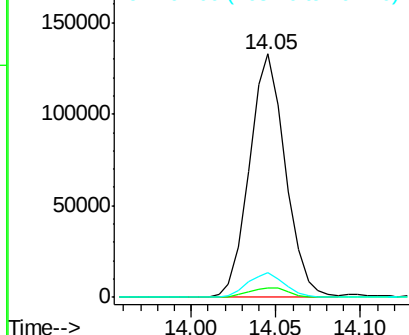
163 100

194 4.0 3.2 4.8

164 10.3 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: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045559.D

Acq: 1 Jun 2020 17:16

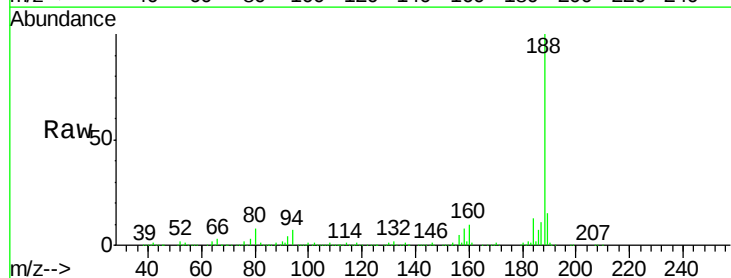
Tgt Ion:188 Resp: 403917

Ion Ratio Lower Upper

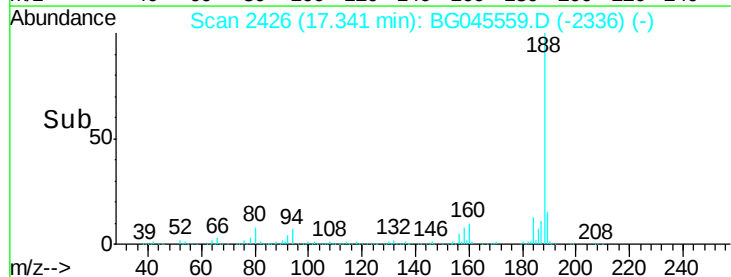
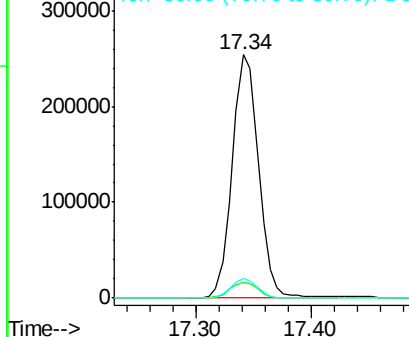
188 100

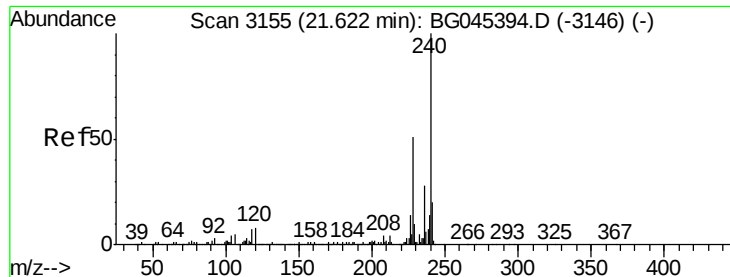
94 6.7 5.5 8.3

80 8.1 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: BG045559.D

Acq: 1 Jun 2020 17:16

Instrument :

BNA_G

ClientSampleId :

N48963

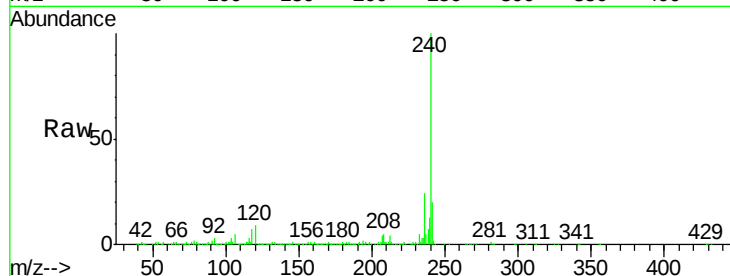
Tot Ion:240 Resp: 395341

Ion Ratio Lower Upper

240 100

120 8.5 6.1 9.1

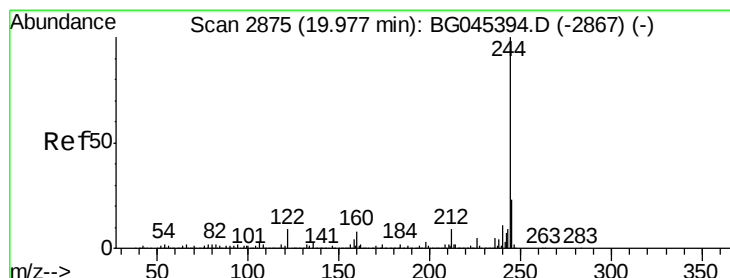
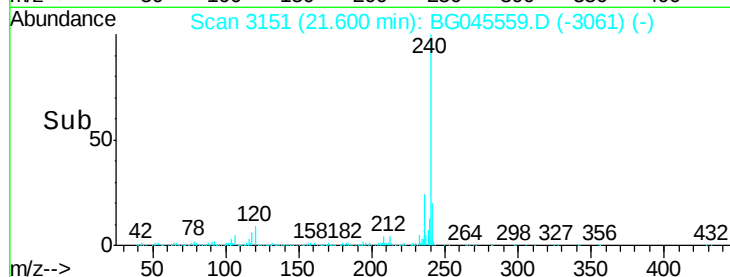
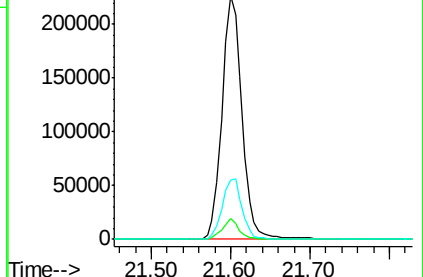
236 24.4 22.3 33.5



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: 98.597 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045559.D

Acq: 1 Jun 2020 17:16

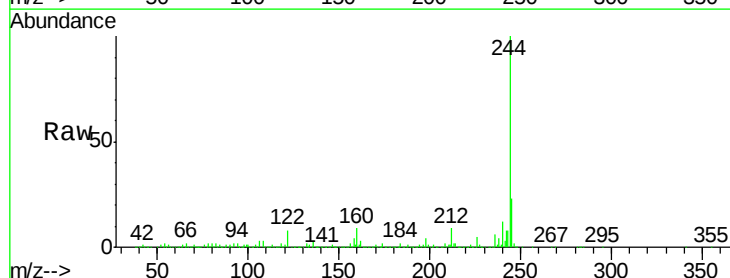
Tgt Ion:244 Resp: 1671294

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

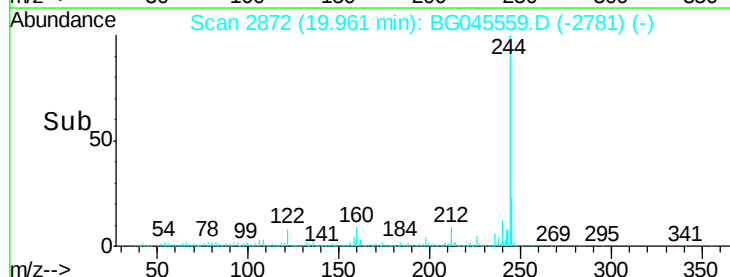
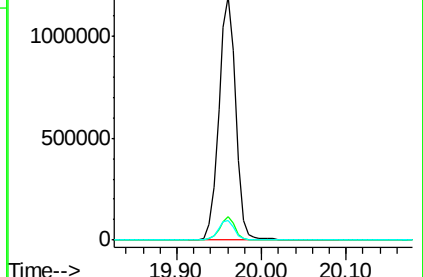
122 8.0 6.8 10.2

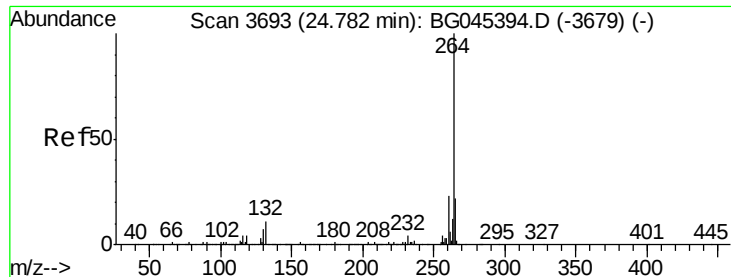


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045559.D
 Acq: 1 Jun 2020 17:16

Instrument :
 BNA_G
 ClientSampleId :
 N48963

Tot Ion:	264	Resp:	431938
Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.4
265	21.2	17.6	26.4

