

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045748.D
 Acq On : 12 Jun 2020 20:03
 Operator : CG/JU
 Sample : L2993-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-200610

Quant Time: Jun 13 00:03:04 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

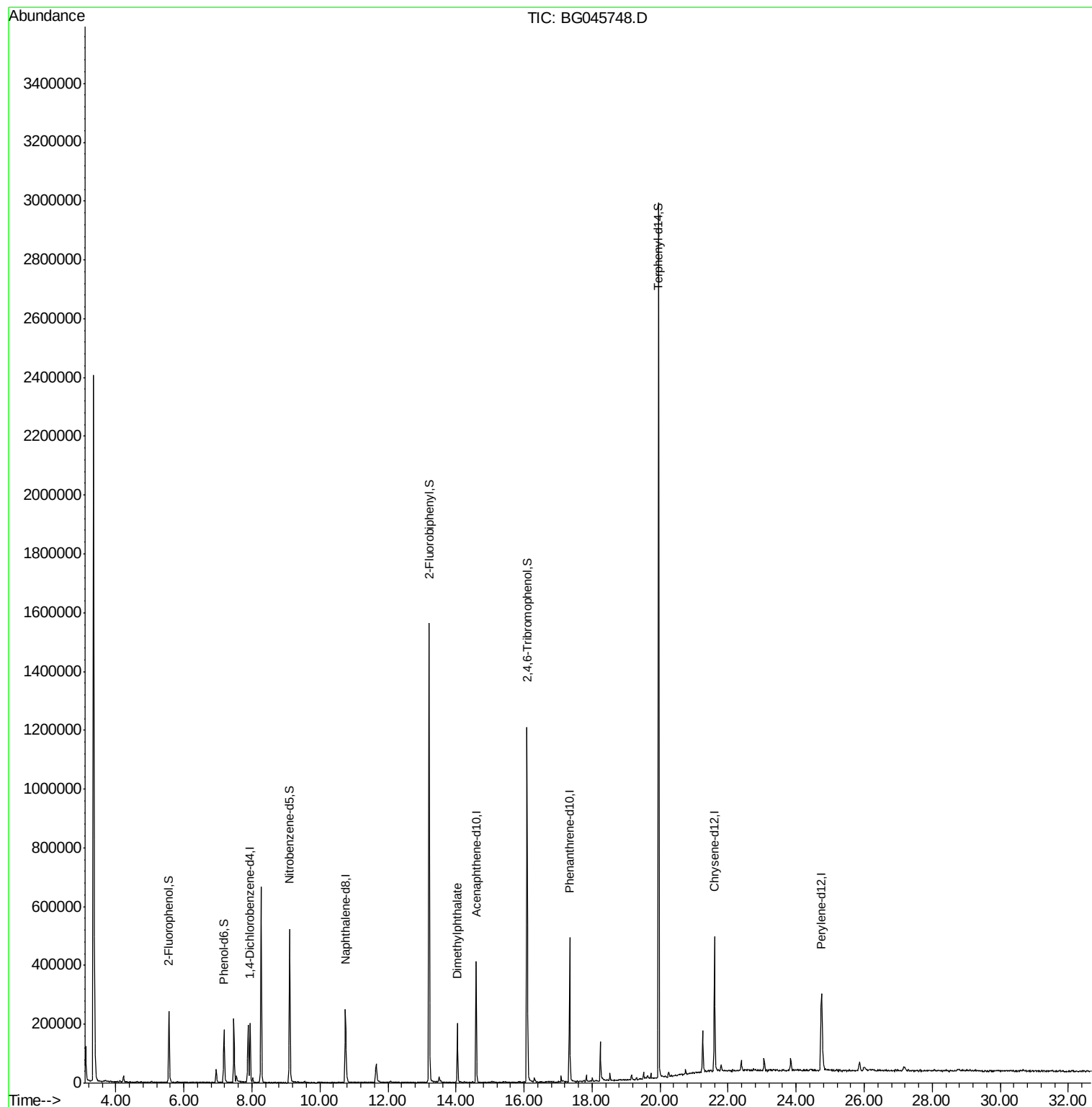
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	54353	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	222566	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	155032	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	333409	20.00	ng	0.00
76) Chrysene-d12	21.60	240	312579	20.00	ng	0.00
87) Perylene-d12	24.74	264	324564	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	125252	45.04	ng	0.02
7) Phenol-d6	7.18	99	121922	30.80	ng	0.03
23) Nitrobenzene-d5	9.11	82	374395	91.73	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	252656	127.43	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	880215	96.30	ng	0.00
79) Terphenyl-d14	19.96	244	1440603	107.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	133749	12.576	ng	Qvalue 100

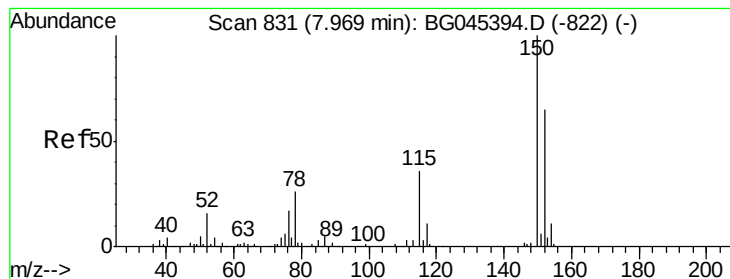
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG045748.D

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SS043MW014-200610

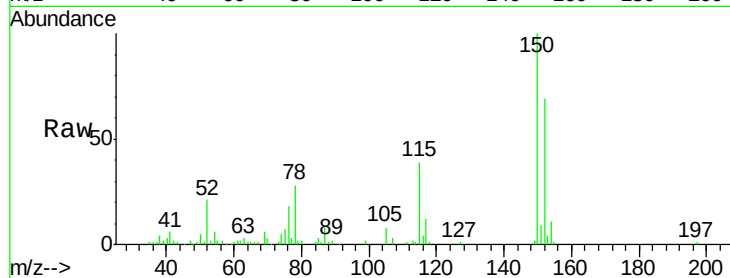
Tot Ion:152 Resp: 54353

Ion Ratio Lower Upper

152 100

150 145.7 122.4 183.6

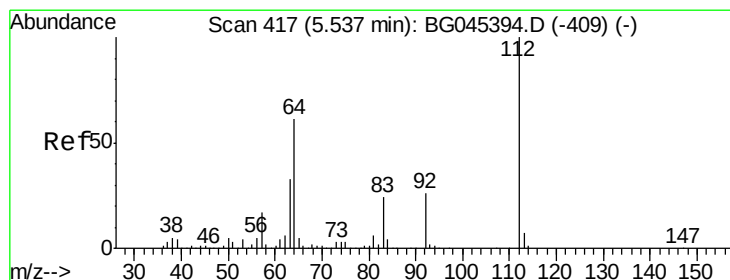
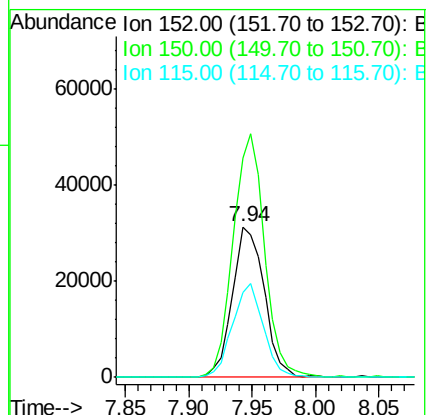
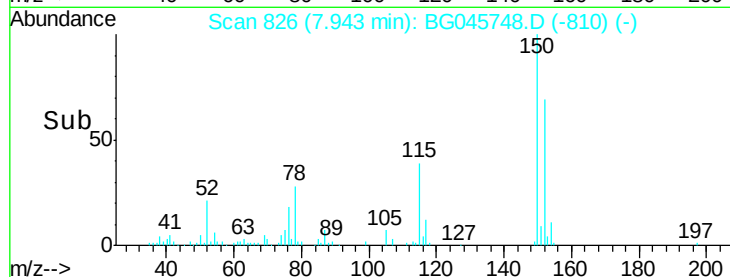
115 56.5 44.2 66.4



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: 45.035 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.02 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

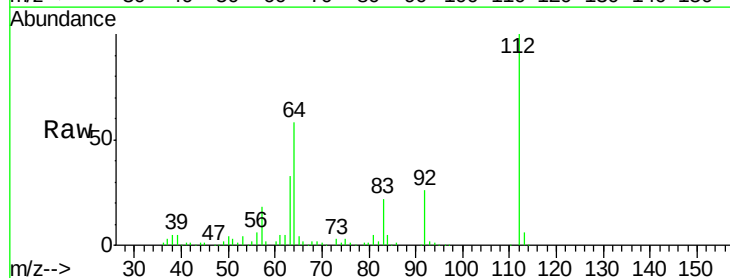
Tgt Ion:112 Resp: 125252

Ion Ratio Lower Upper

112 100

64 58.1 48.6 72.8

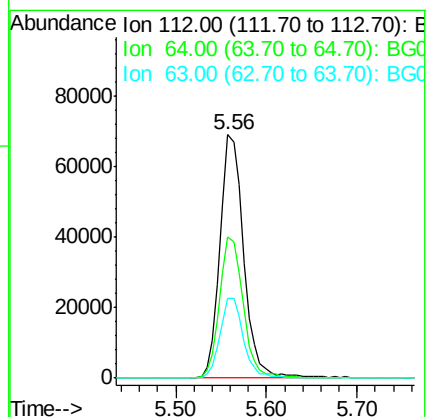
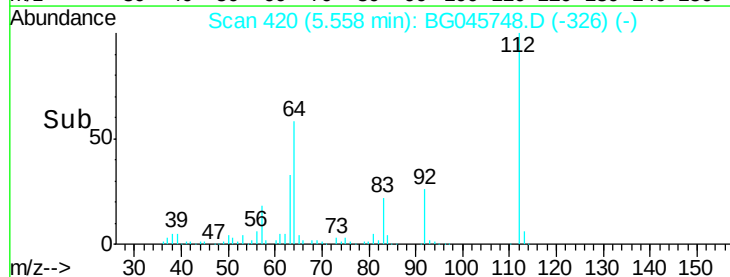
63 33.0 26.5 39.7

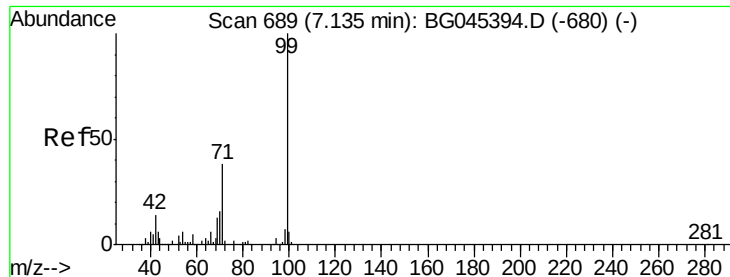


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.800 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610

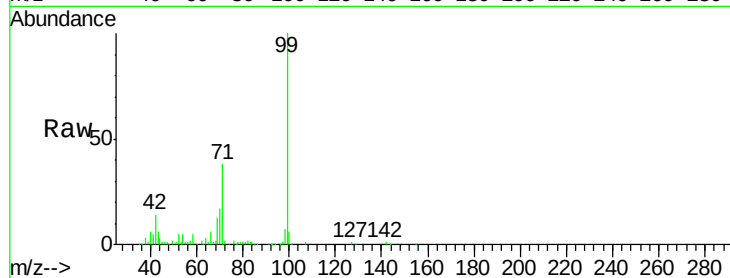
Tot Ion: 99 Resp: 121922

Ion Ratio Lower Upper

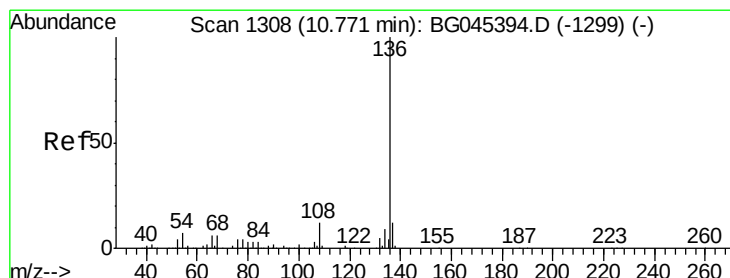
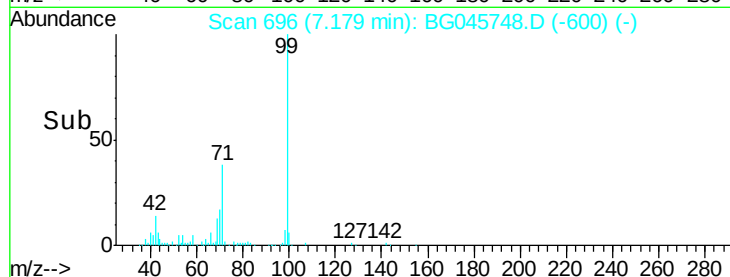
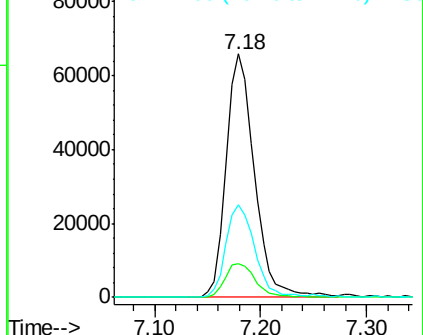
99 100

42 13.7 11.3 16.9

71 38.3 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# 1304

Delta R.T. -0.01 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

Tgt Ion: 136 Resp: 222566

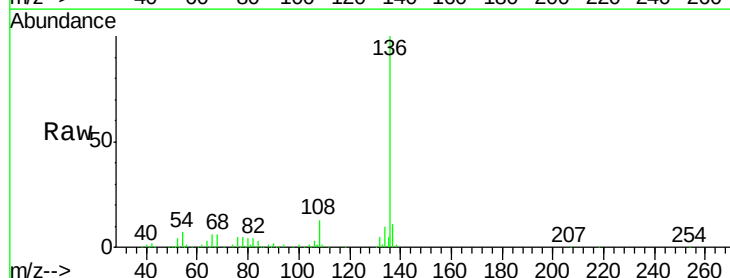
Ion Ratio Lower Upper

136 100

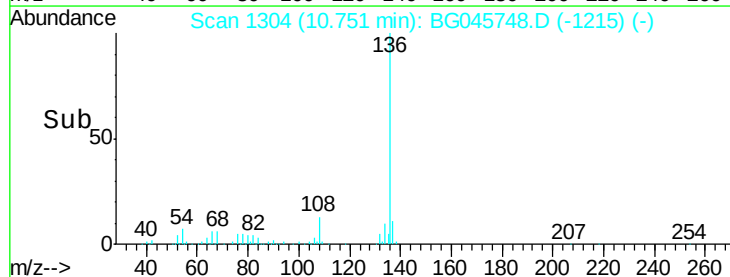
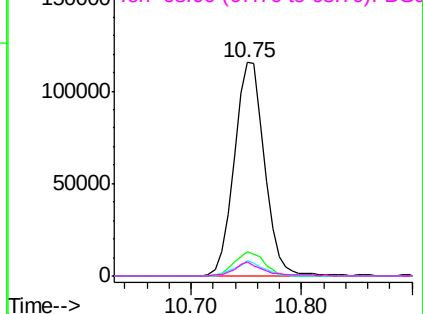
137 11.4 9.4 14.2

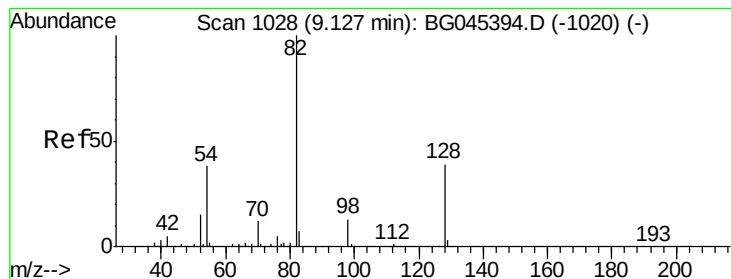
54 7.0 5.8 8.6

68 6.3 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: 91.732 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610

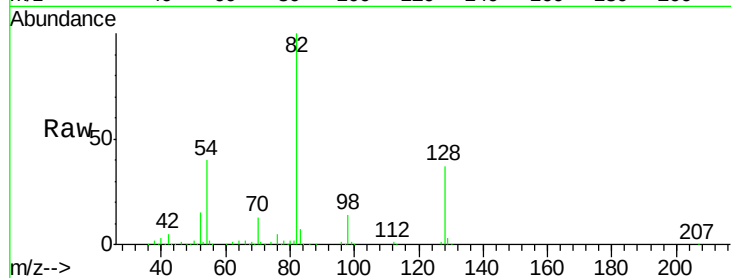
Tot Ion: 82 Resp: 374395

Ion Ratio Lower Upper

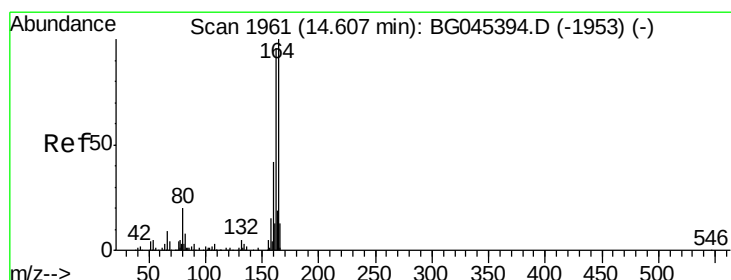
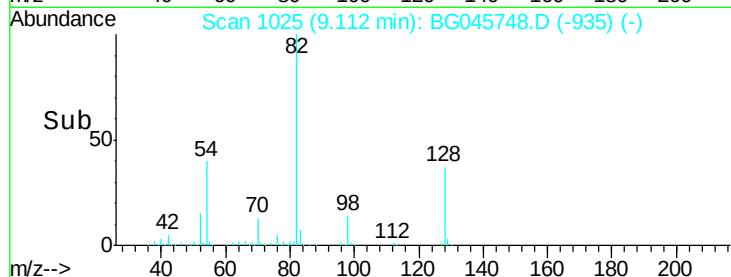
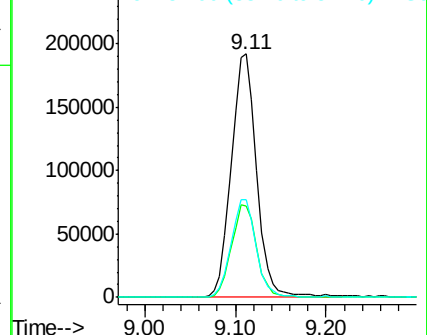
82 100

128 37.4 30.9 46.3

54 40.3 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. -0.00 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

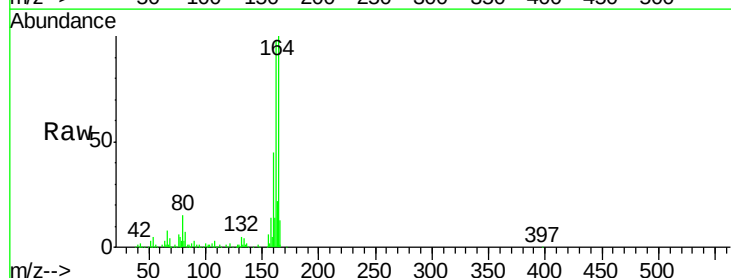
Tgt Ion: 164 Resp: 155032

Ion Ratio Lower Upper

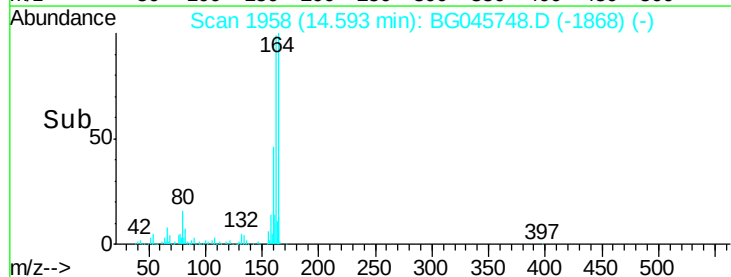
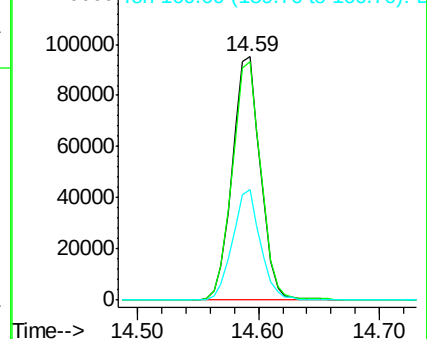
164 100

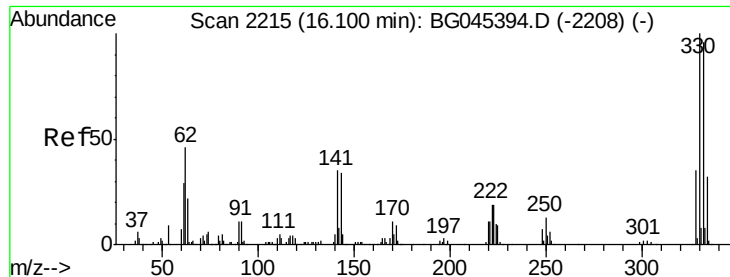
162 97.8 76.9 115.3

160 45.3 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: 127.431 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610

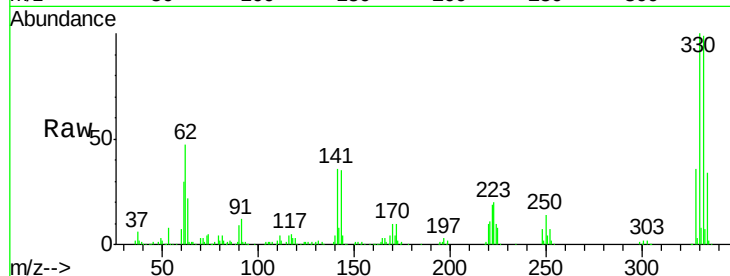
Tot Ion:330 Resp: 252656

Ion Ratio Lower Upper

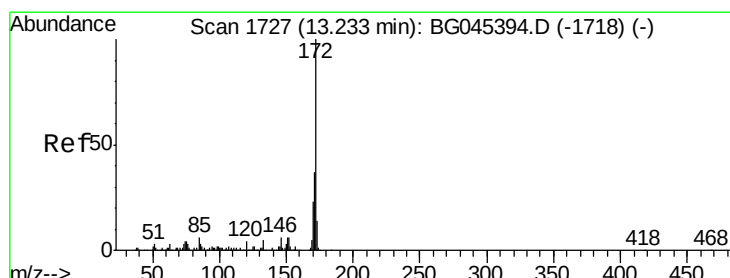
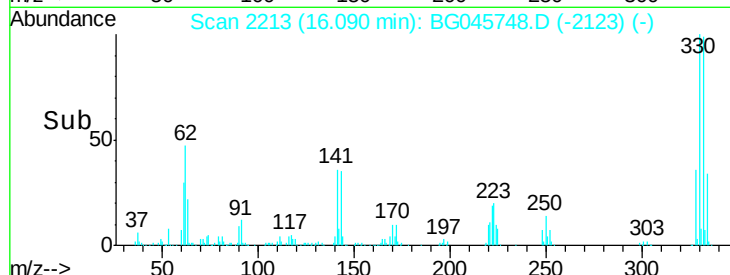
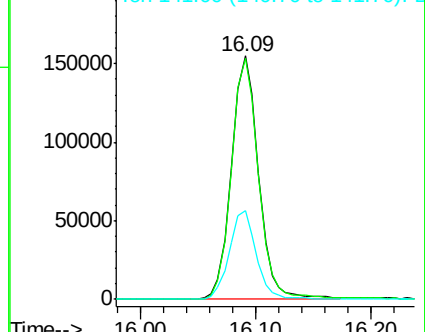
330 100

332 99.6 78.2 117.4

141 36.7 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: 96.304 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

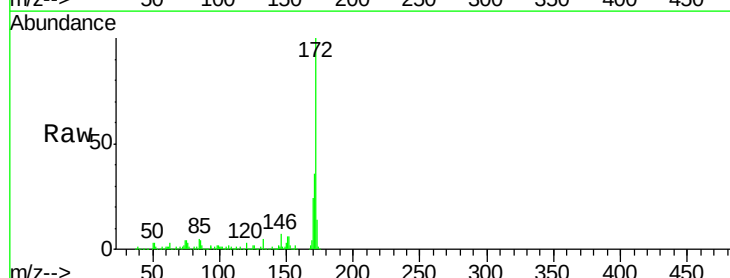
Tgt Ion:172 Resp: 880215

Ion Ratio Lower Upper

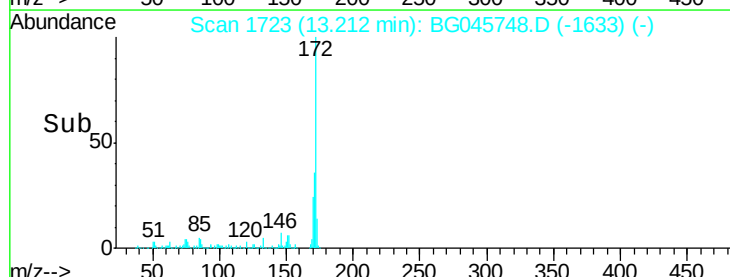
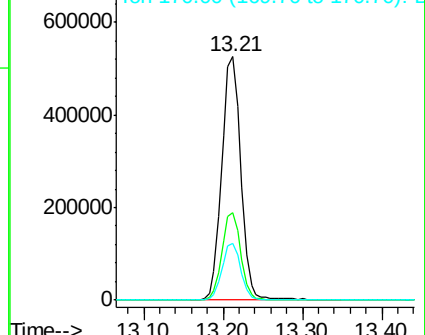
172 100

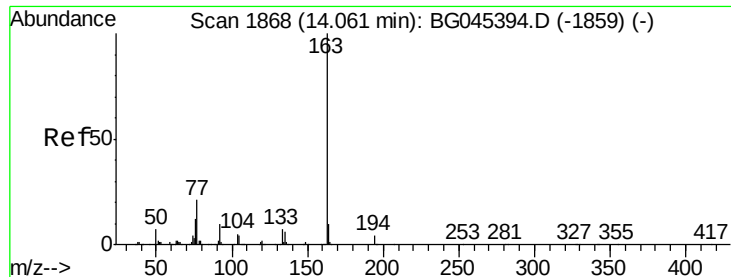
171 36.1 29.5 44.3

170 23.5 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: 12.576 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610

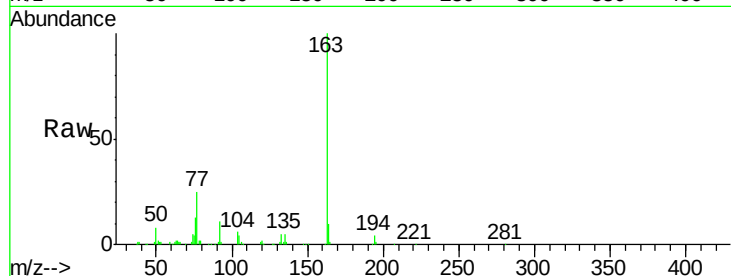
Tot Ion:163 Resp: 133749

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

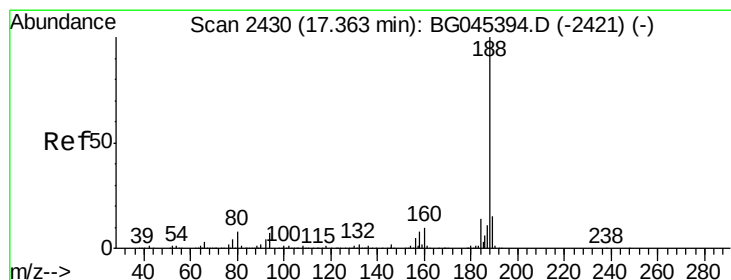
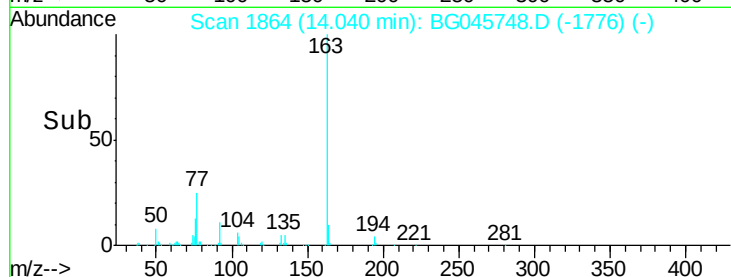
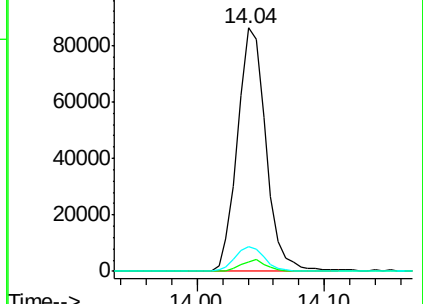
164 10.2 8.3 12.5



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: BG045748.D

Acq: 12 Jun 2020 20:03

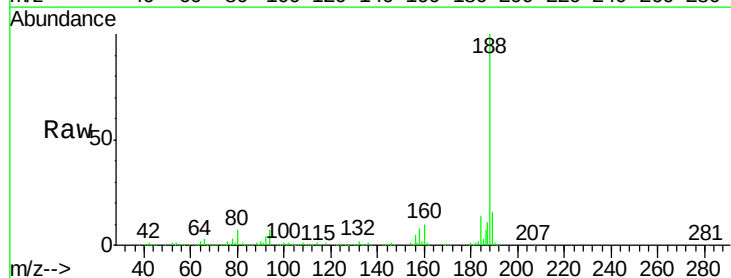
Tgt Ion:188 Resp: 333409

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

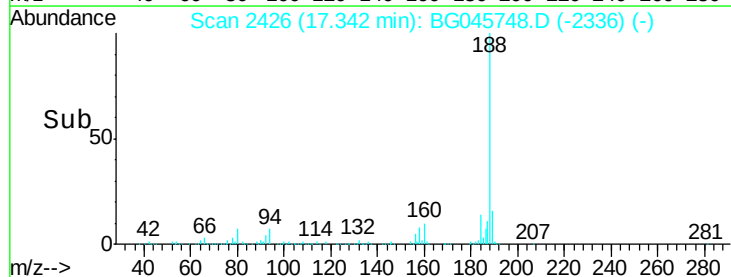
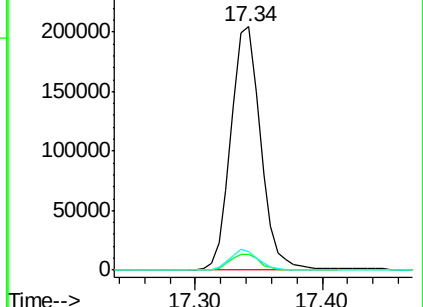
80 7.5 6.6 10.0

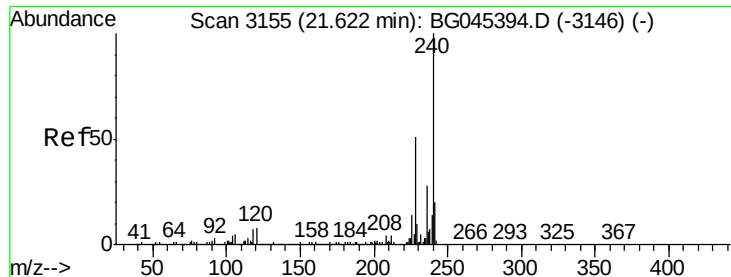


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG045748.D

Acq: 12 Jun 2020 20:03

Instrument :

BNA_G

ClientSampleId :

SS043MW014-200610

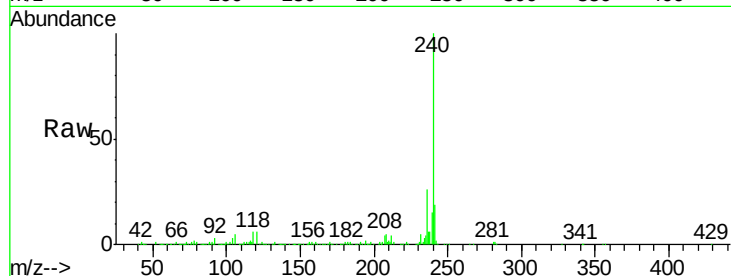
Tot Ion:240 Resp: 312579

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

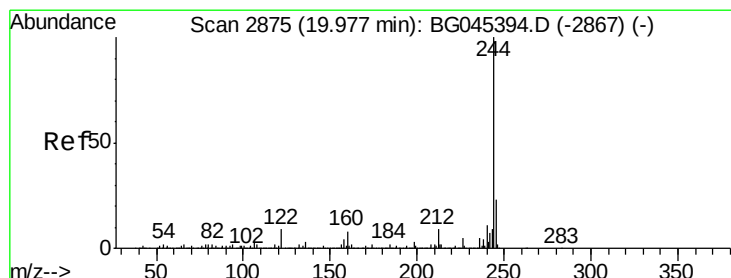
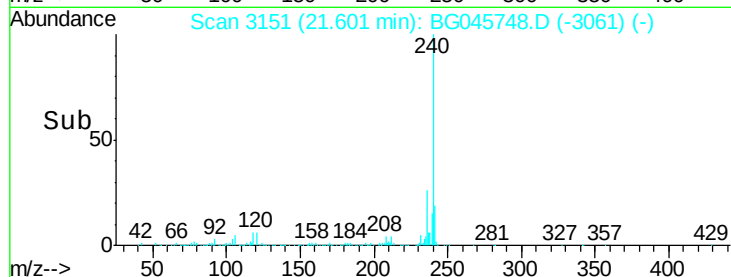
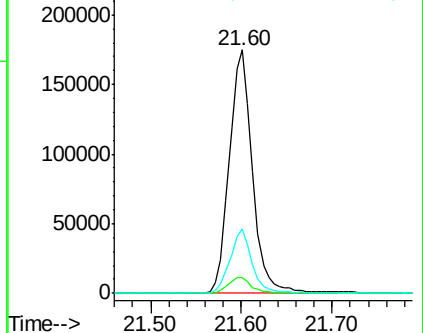
236 26.3 22.3 33.5



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: 107.490 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045748.D

Acq: 12 Jun 2020 20:03

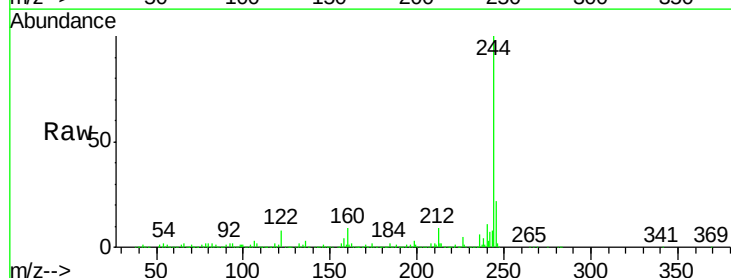
Tgt Ion:244 Resp: 1440603

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

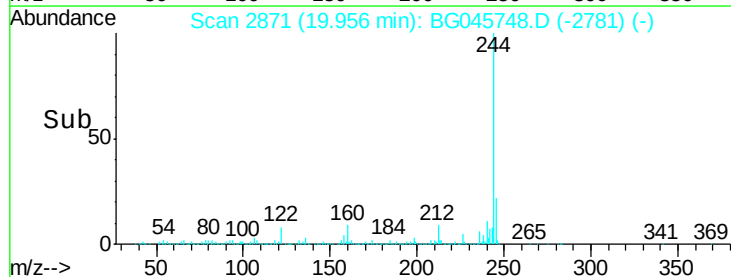
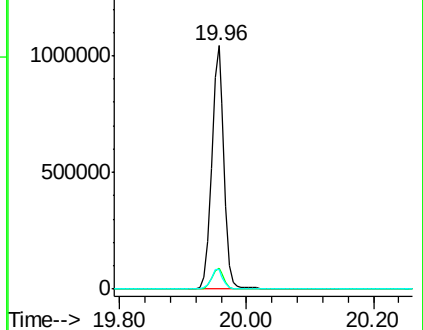
122 7.9 6.8 10.2

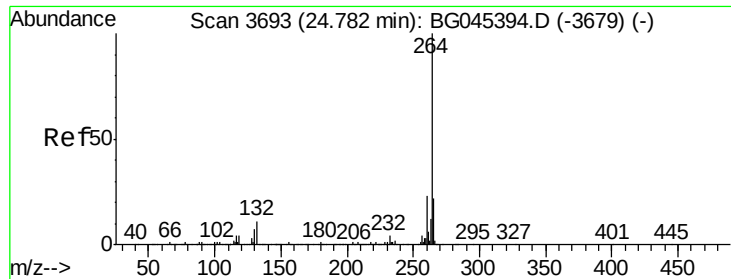


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

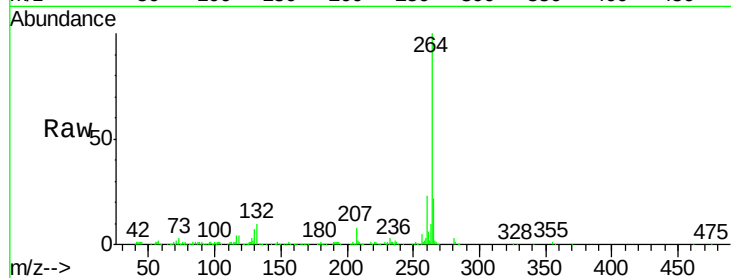




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045748.D
Acq: 12 Jun 2020 20:03

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.9	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

