

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045684.D
 Acq On : 10 Jun 2020 8:20
 Operator : CG/JU
 Sample : L2946-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CUTTINGS

Quant Time: Jun 10 09:10:07 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

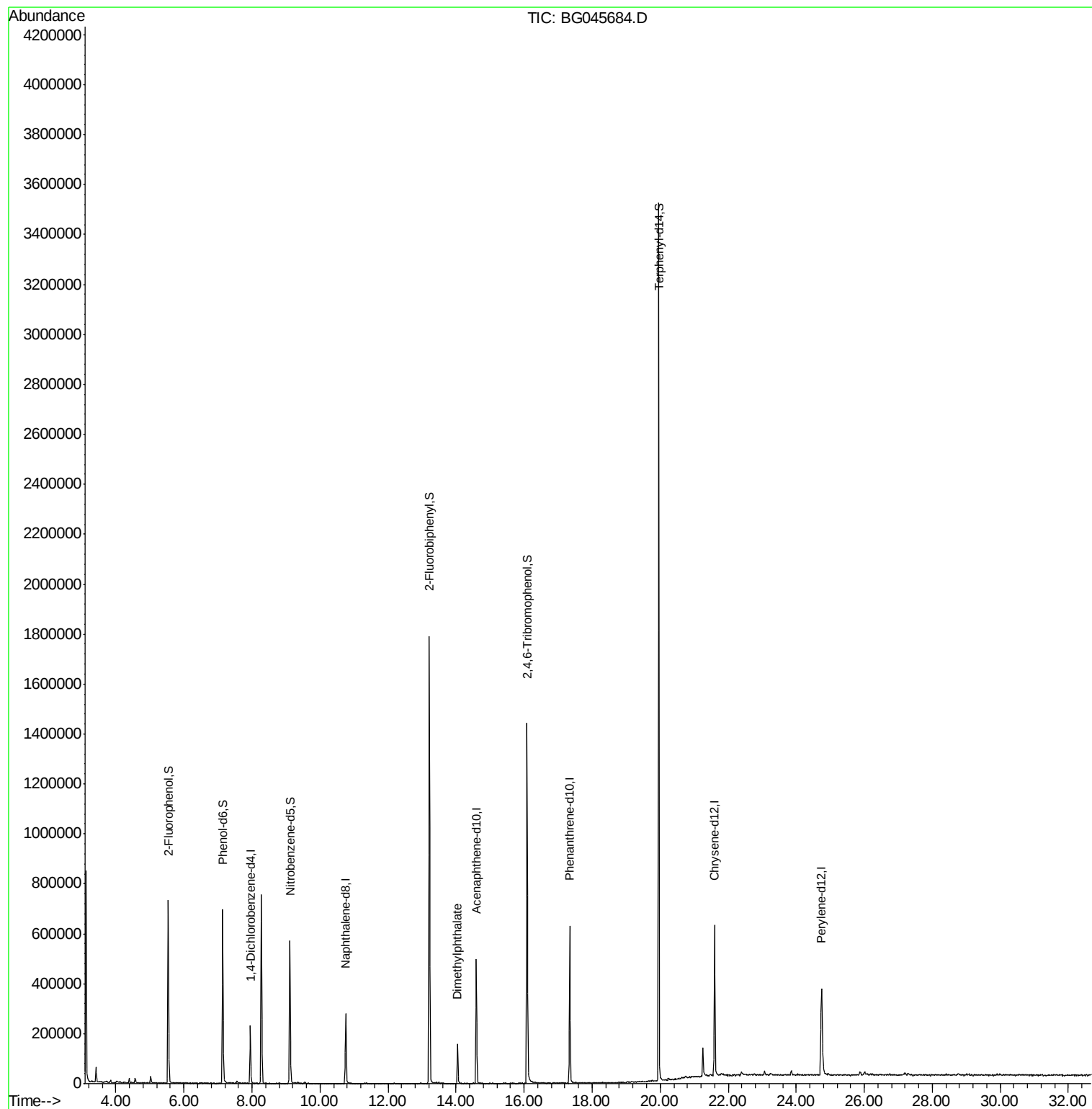
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65766	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	258117	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	188122	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	426419	20.00	ng	0.00
76) Chrysene-d12	21.60	240	413710	20.00	ng	0.00
87) Perylene-d12	24.75	264	438071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	358902	106.65	ng	0.00
7) Phenol-d6	7.14	99	457783	95.58	ng	0.00
23) Nitrobenzene-d5	9.12	82	410733	86.77	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	299875	124.64	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	972865	87.72	ng	0.00
79) Terphenyl-d14	19.96	244	1629105	91.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	118561	9.19	ng	Qvalue 99

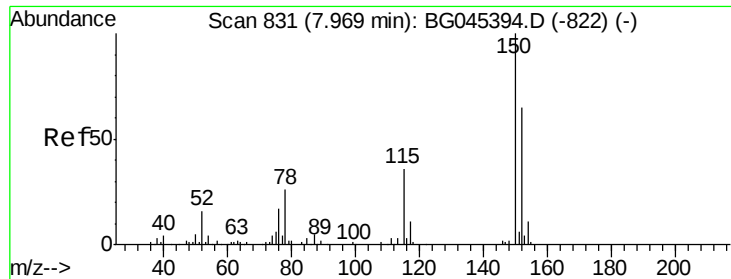
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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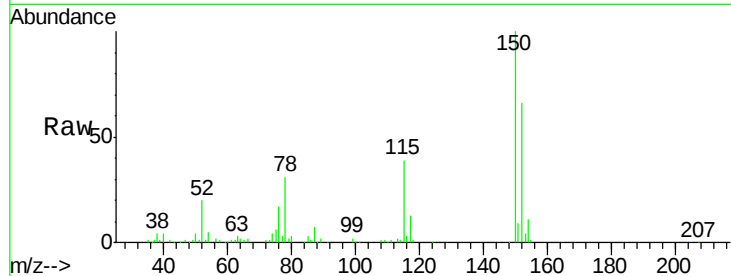


#1

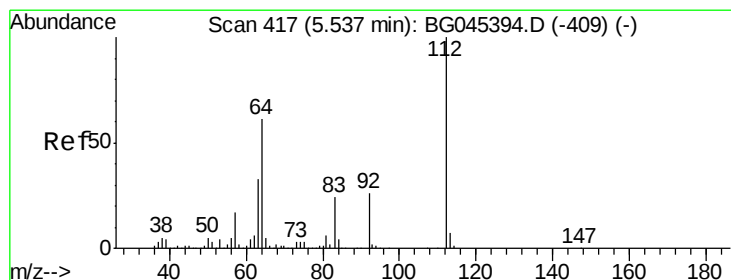
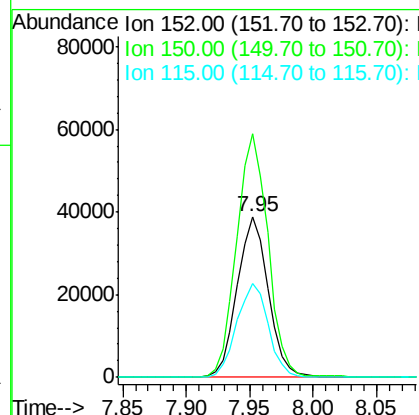
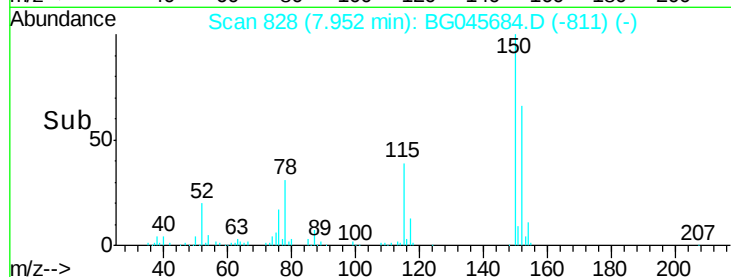
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045684.D
Acq: 10 Jun 2020 8:20

Instrument :
BNA_G
ClientSampleId :
CUTTINGS

Tgt Ion:152 Resp: 65766
Ion Ratio Lower Upper
152 100
150 151.4 122.4 183.6
115 58.7 44.2 66.4



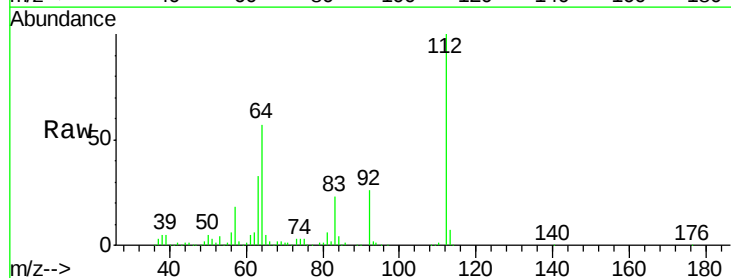
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



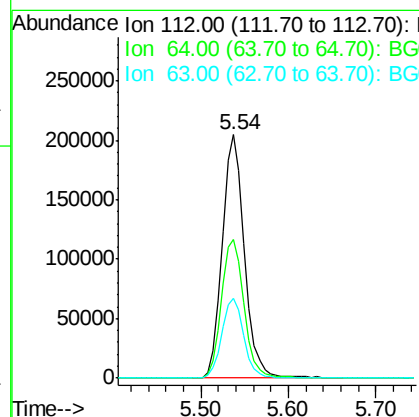
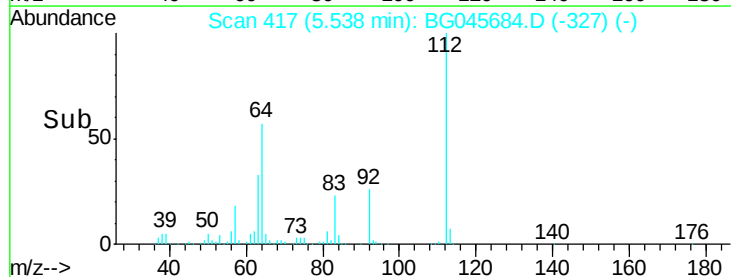
#5

2-Fluorophenol
Concen: 106.65 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045684.D
Acq: 10 Jun 2020 8:20

Tgt Ion:112 Resp: 358902
Ion Ratio Lower Upper
112 100
64 57.0 48.6 72.8
63 32.8 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: 95.58 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

Instrument :

BNA_G

ClientSampleId :

CUTTINGS

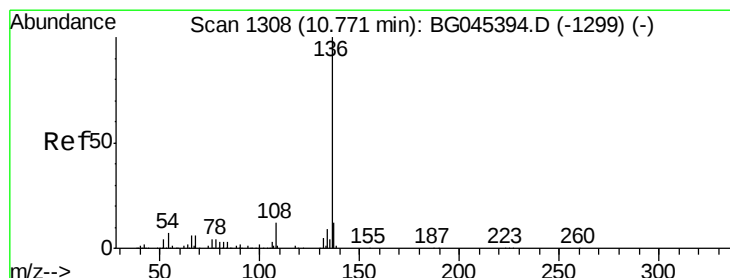
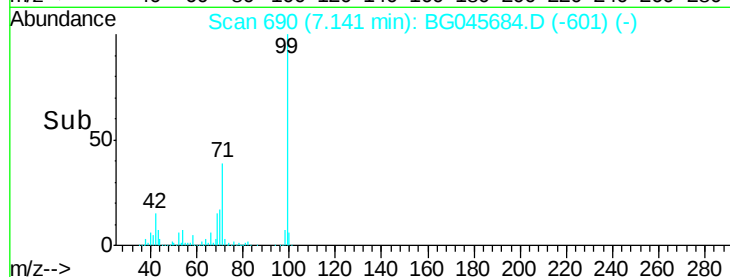
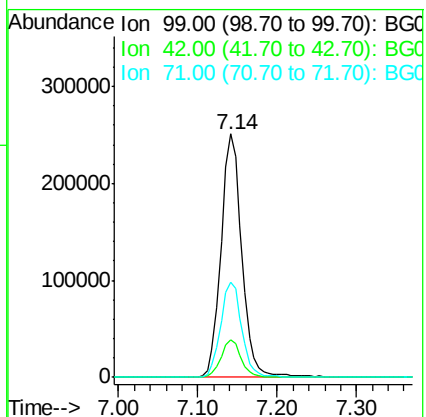
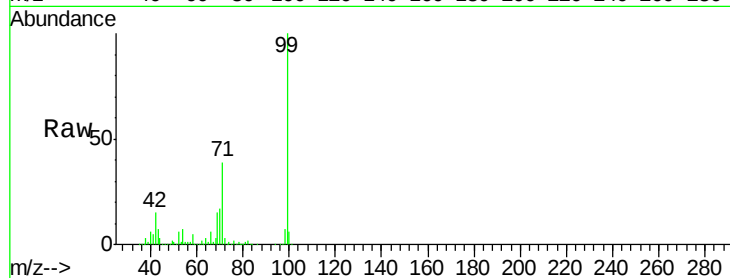
Tgt Ion: 99 Resp: 457783

Ion Ratio Lower Upper

99 100

42 15.4 11.3 16.9

71 39.2 30.8 46.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

Tgt Ion: 136 Resp: 258117

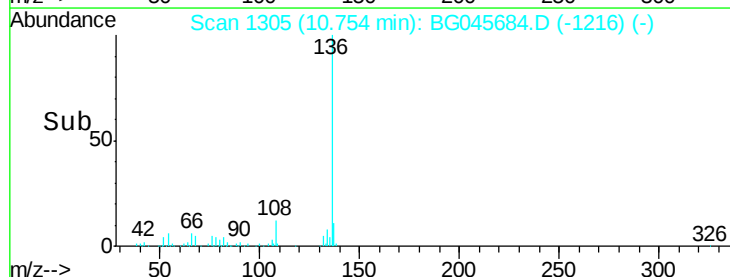
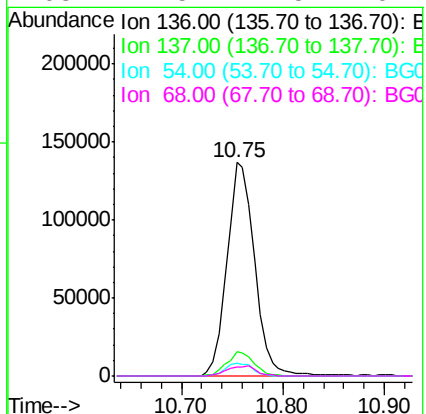
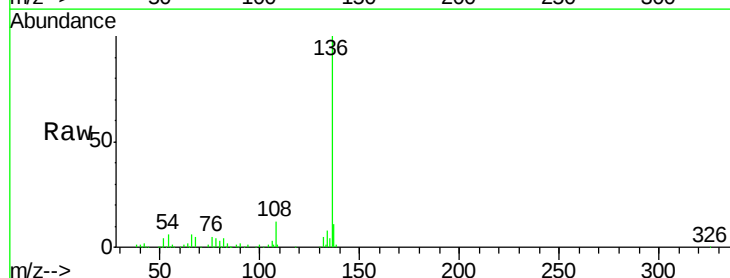
Ion Ratio Lower Upper

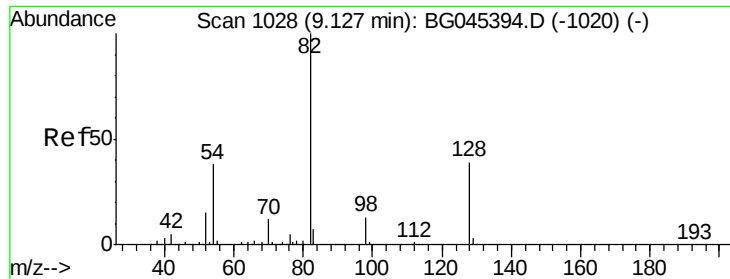
136 100

137 11.5 9.4 14.2

54 6.2 5.8 8.6

68 4.5 4.5 6.7

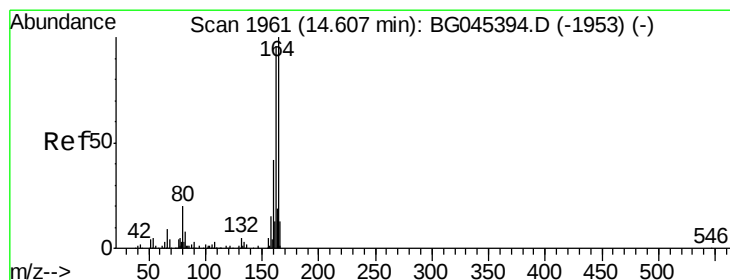
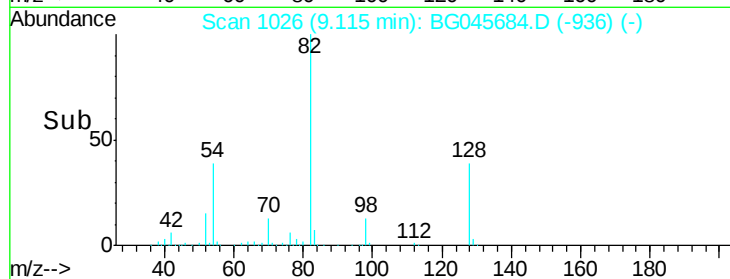
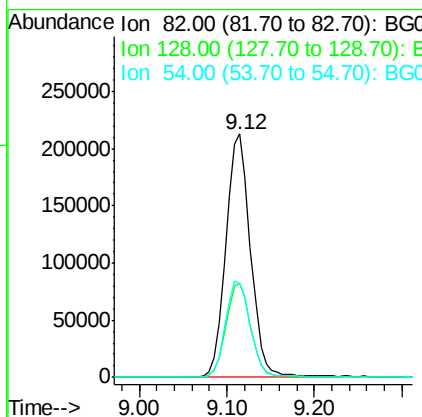
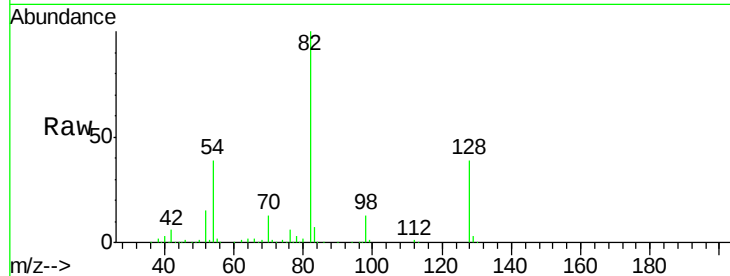




#23
 Nitrobenzene-d5
 Concen: 86.77 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045684.D
 Acq: 10 Jun 2020 8:20

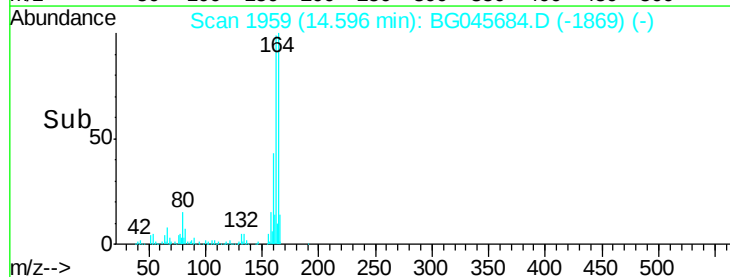
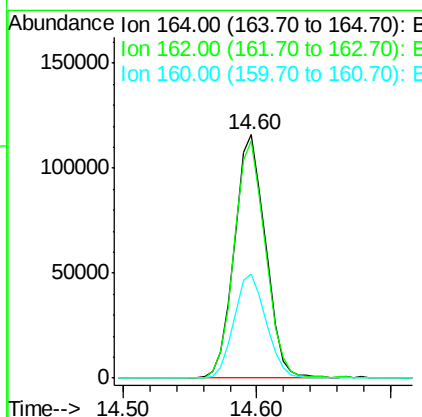
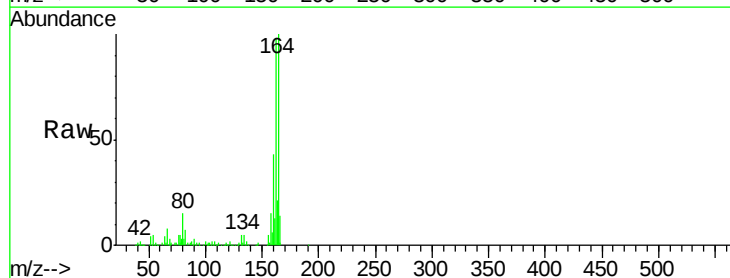
Instrument :
 BNA_G
 ClientSampleId :
 CUTTINGS

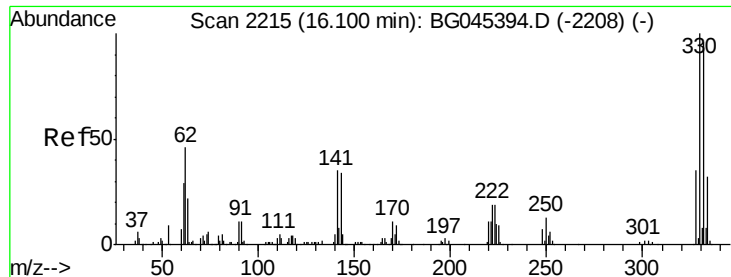
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.9	46.3
54	38.8	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045684.D
 Acq: 10 Jun 2020 8:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	42.7	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 124.64 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

Instrument :

BNA_G

ClientSampled :

CUTTINGS

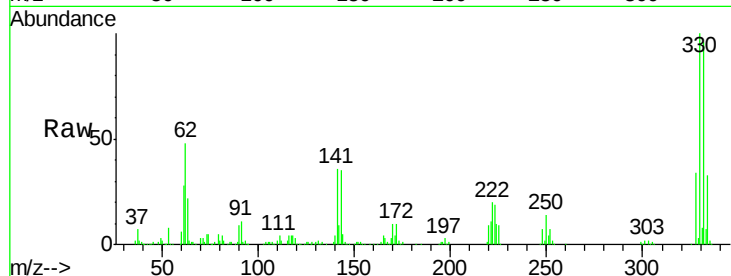
Tgt Ion:330 Resp: 299875

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

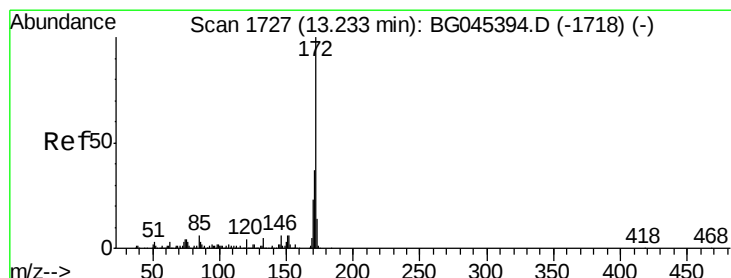
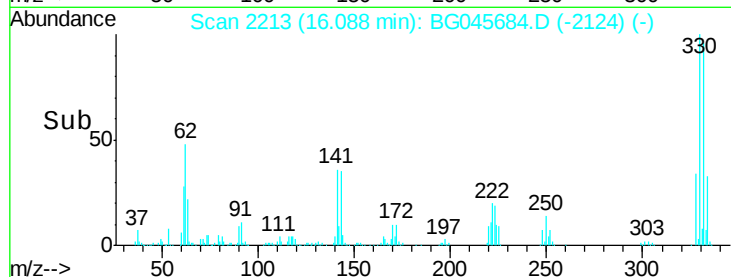
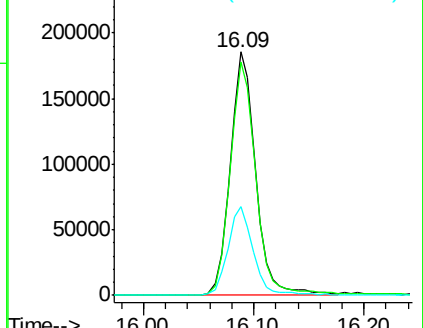
141 36.3 28.2 42.4



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: 87.72 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

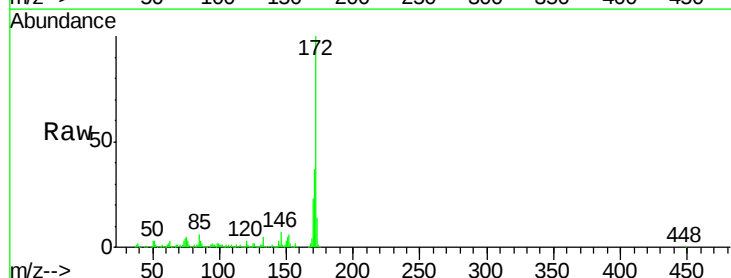
Tgt Ion:172 Resp: 972865

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

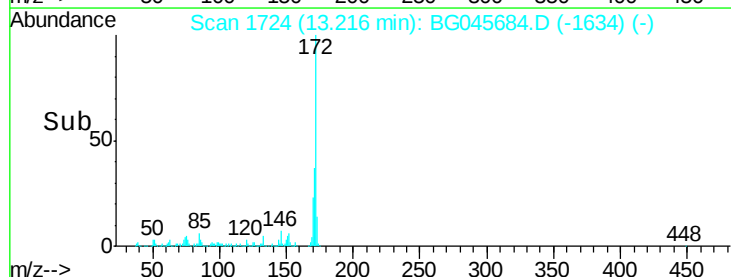
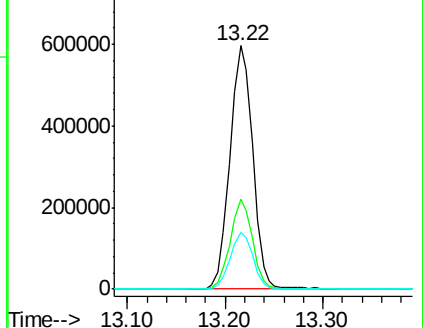
170 23.5 18.5 27.7



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: 9.19 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

Instrument :

BNA_G

ClientSampleId :

CUTTINGS

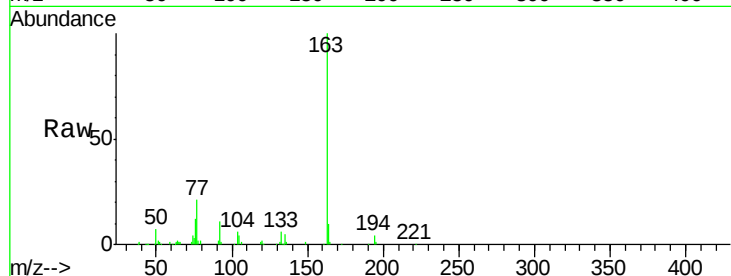
Tgt Ion:163 Resp: 118561

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

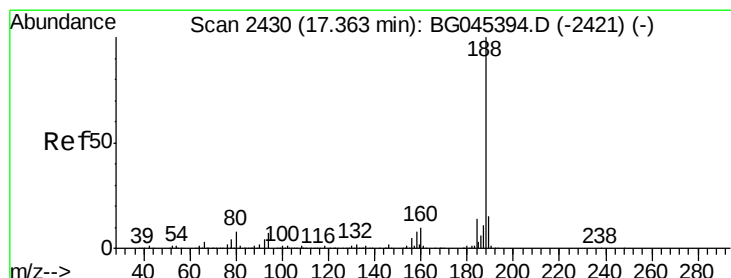
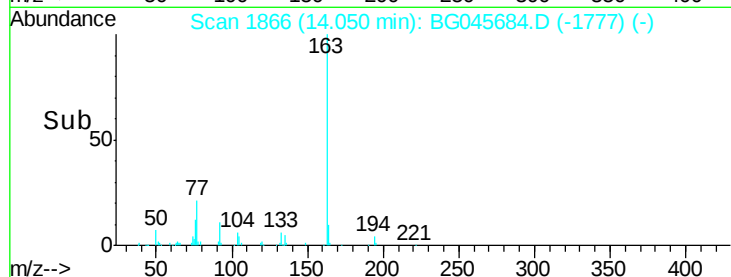
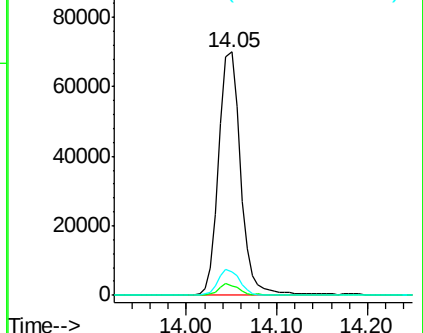
164 9.7 8.3 12.5



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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045684.D

Acq: 10 Jun 2020 8:20

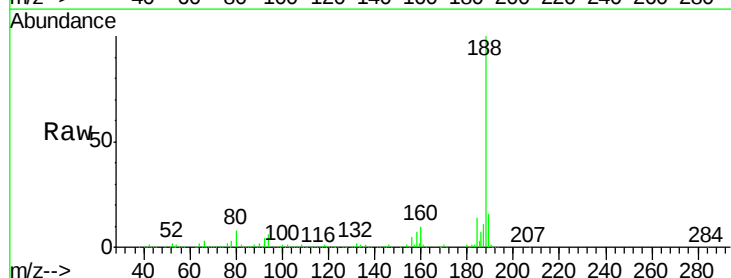
Tgt Ion:188 Resp: 426419

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

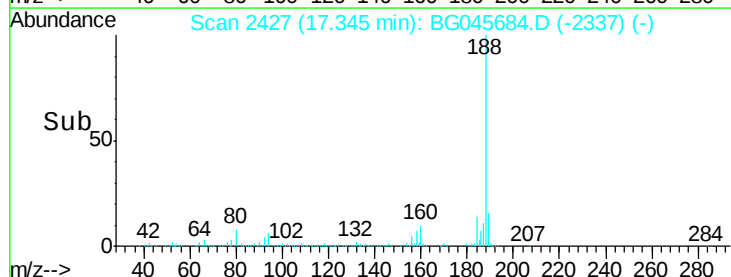
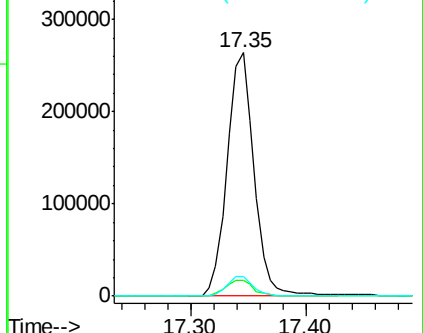
80 8.1 6.6 10.0

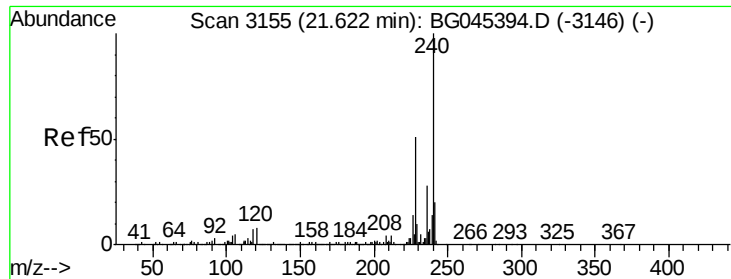


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

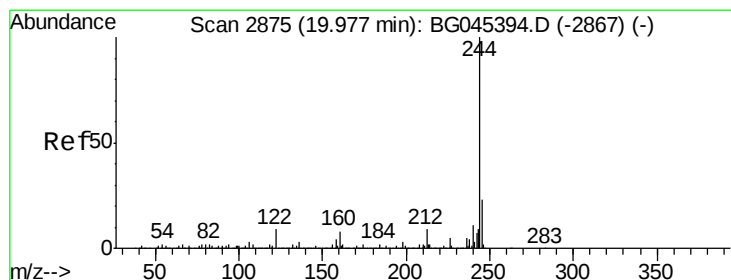
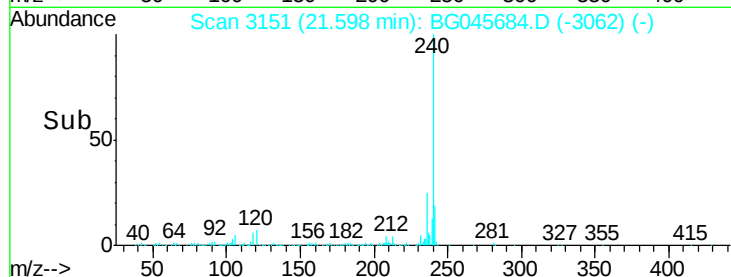
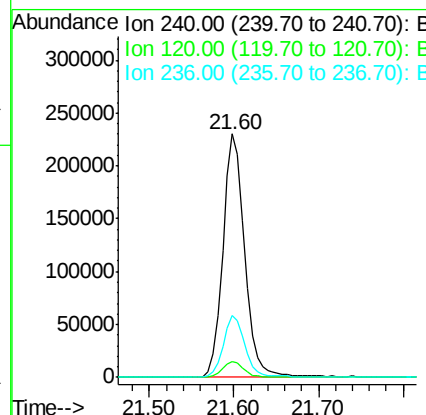
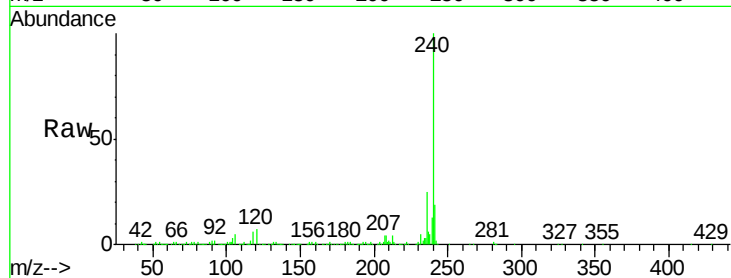




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045684.D
Acq: 10 Jun 2020 8:20

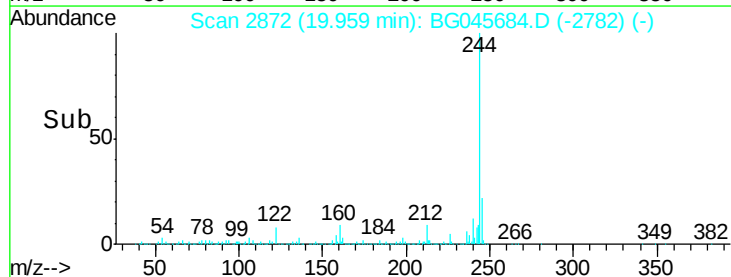
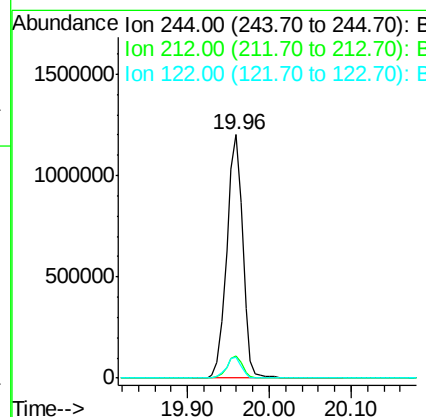
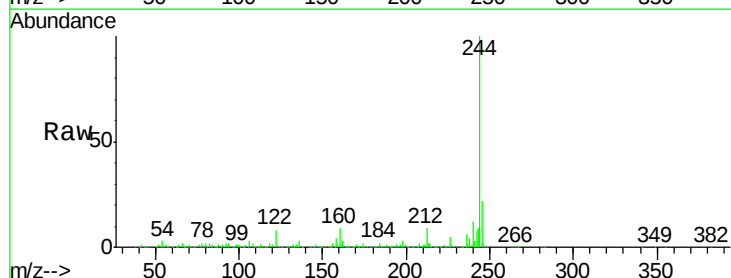
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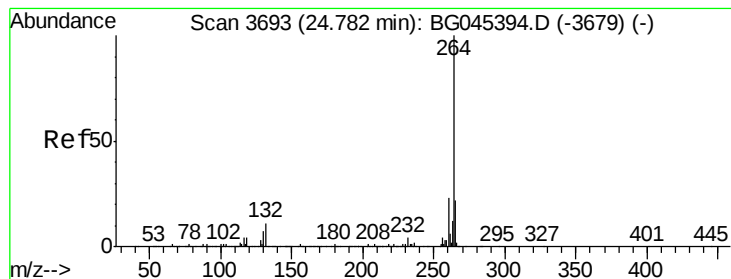
Tgt Ion:240 Resp: 413710
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 25.4 22.3 33.5



#79
Terphenyl-d14
Concen: 91.84 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG045684.D
Acq: 10 Jun 2020 8:20

Tgt Ion:244 Resp: 1629105
Ion Ratio Lower Upper
244 100
212 9.4 7.4 11.0
122 8.5 6.8 10.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045684.D

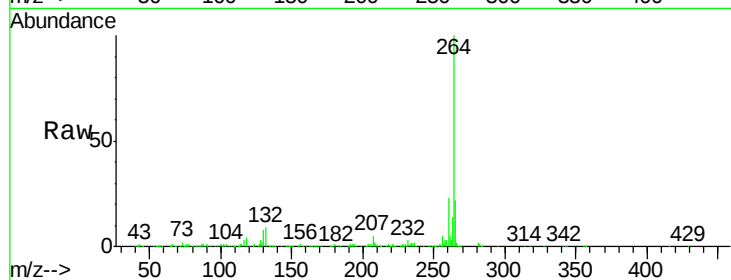
Acq: 10 Jun 2020 8:20

Instrument :

BNA_G

ClientSampleId :

CUTTINGS



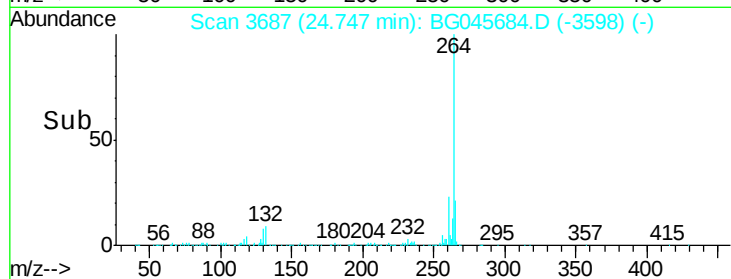
Tgt Ion: 264 Resp: 438071

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.7 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

