

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045608.D
 Acq On : 4 Jun 2020 16:58
 Operator : CG/JU
 Sample : L2871-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TP

Quant Time: Jun 04 17:43:51 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

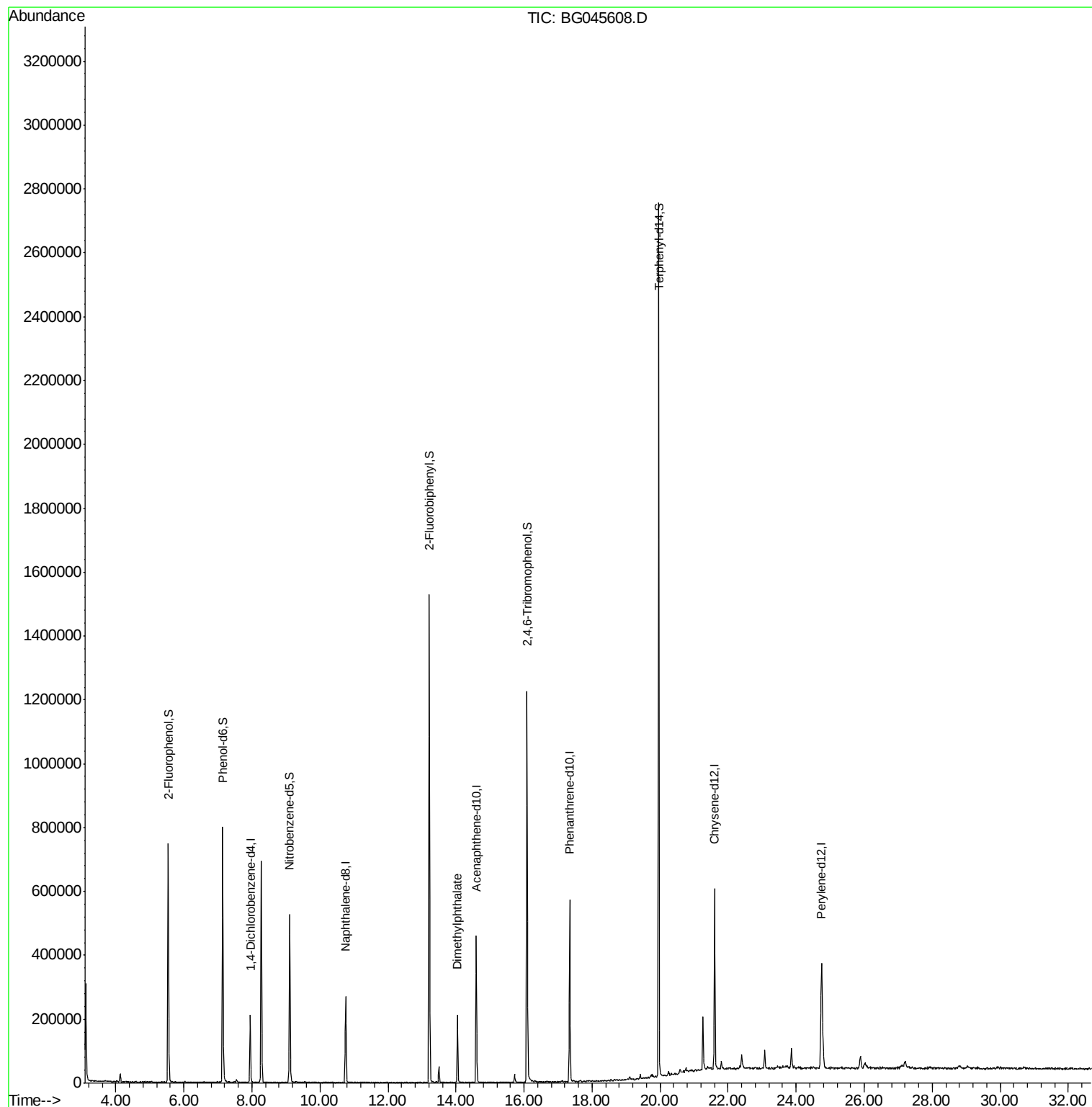
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64384	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	248510	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	169279	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383541	20.00	ng	0.00
76) Chrysene-d12	21.60	240	367287	20.00	ng	0.00
87) Perylene-d12	24.75	264	383520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	373707	113.43	ng	0.00
7) Phenol-d6	7.14	99	537209	114.57	ng	0.00
23) Nitrobenzene-d5	9.11	82	367542	80.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	270227	124.82	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	839430	84.11	ng	0.00
79) Terphenyl-d14	19.96	244	1364882	86.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	153728	13.238	ng	Qvalue # 97

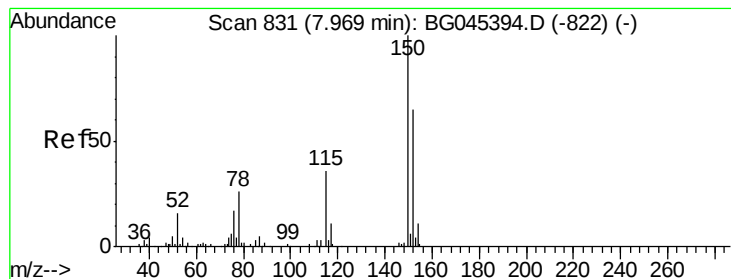
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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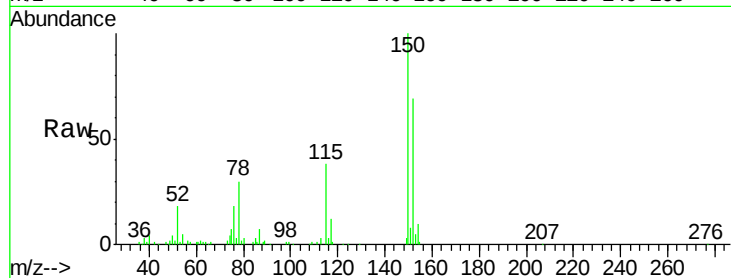


#1

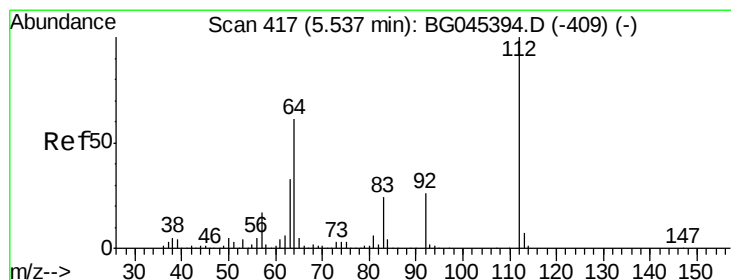
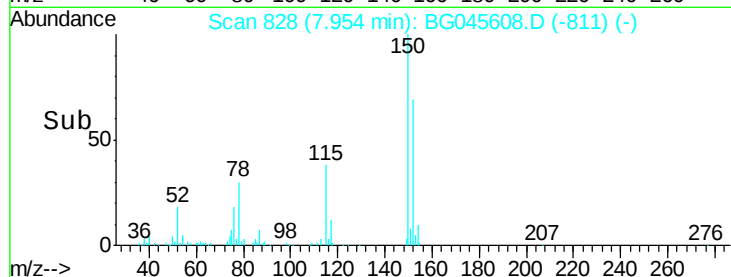
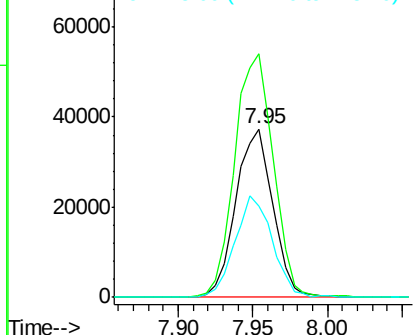
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TP

Tot Ion:152 Resp: 64384
 Ion Ratio Lower Upper
 152 100
 150 144.6 122.4 183.6
 115 54.3 44.2 66.4



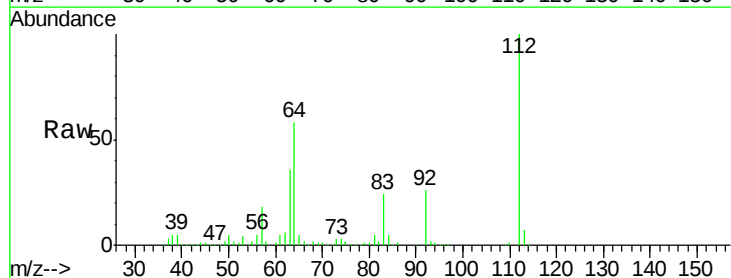
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



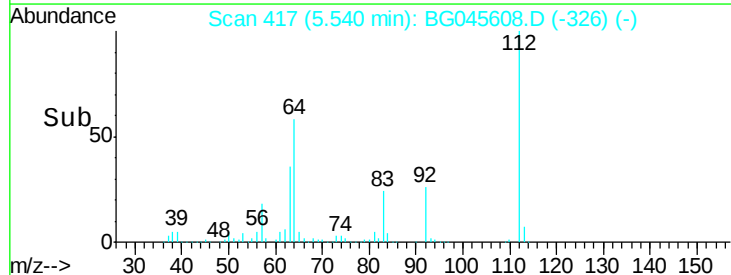
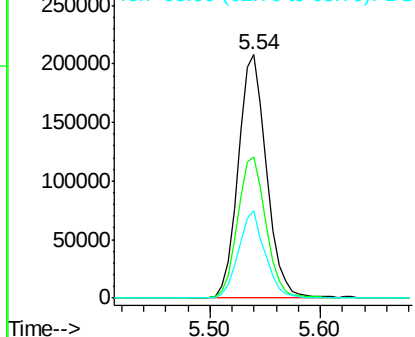
#5

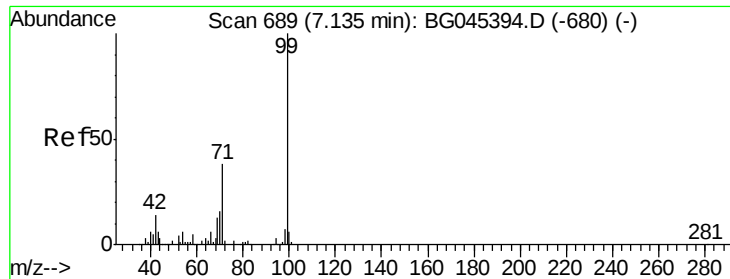
2-Fluorophenol
 Concen: 113.434 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

Tgt Ion:112 Resp: 373707
 Ion Ratio Lower Upper
 112 100
 64 58.1 48.6 72.8
 63 36.0 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: 114.567 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045608.D

Acq: 4 Jun 2020 16:58

Instrument :

BNA_G

ClientSampleId :

WARREN-TP

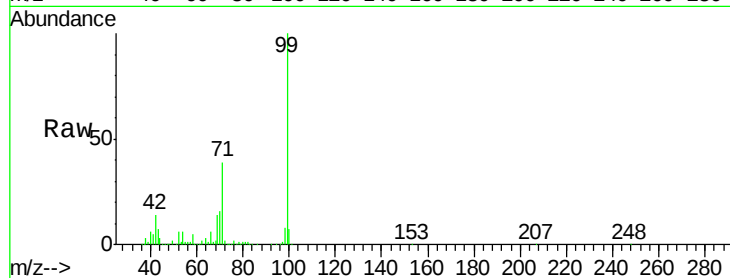
Tot Ion: 99 Resp: 537209

Ion Ratio Lower Upper

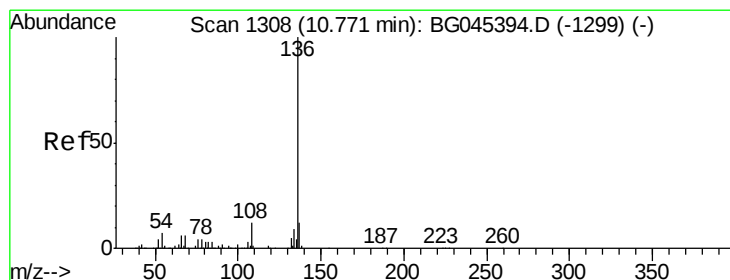
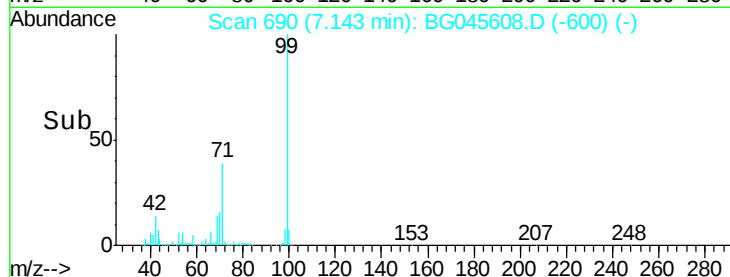
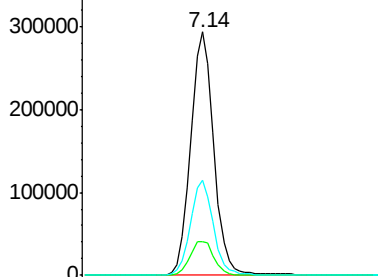
99 100

42 14.1 11.3 16.9

71 39.1 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: BG045608.D

Acq: 4 Jun 2020 16:58

Tgt Ion: 136 Resp: 248510

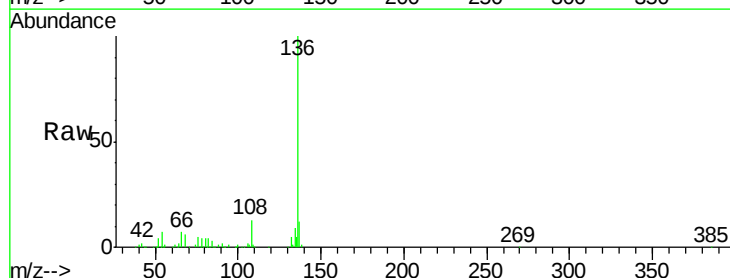
Ion Ratio Lower Upper

136 100

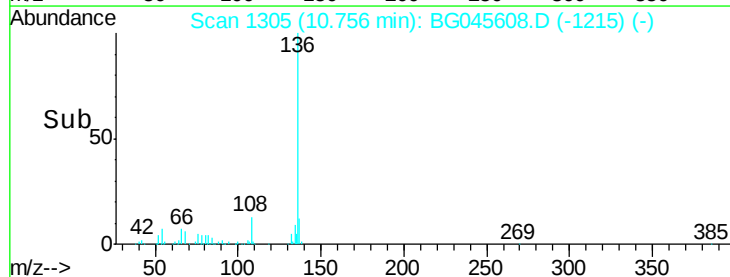
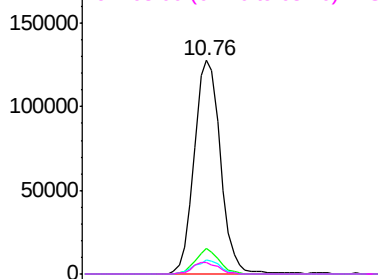
137 12.0 9.4 14.2

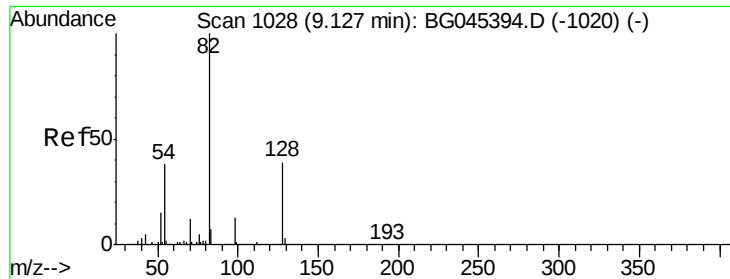
54 6.6 5.8 8.6

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

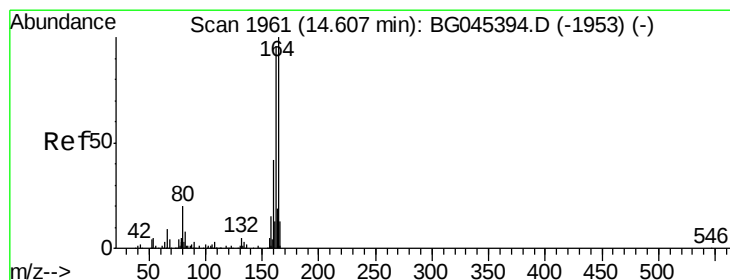
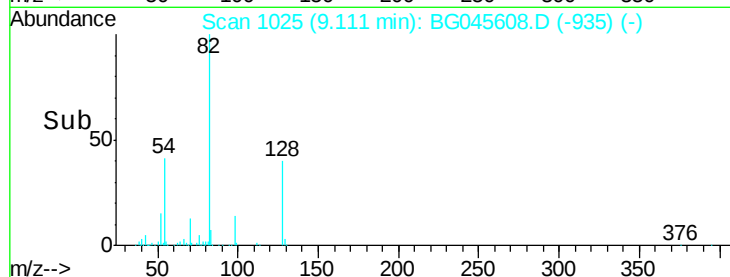
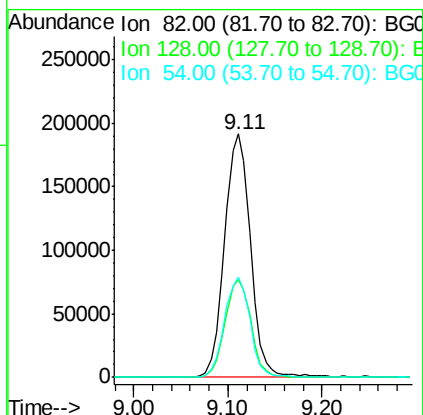
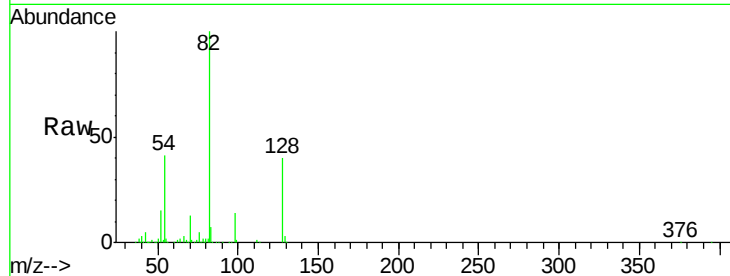




#23
 Nitrobenzene-d5
 Concen: 80.651 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

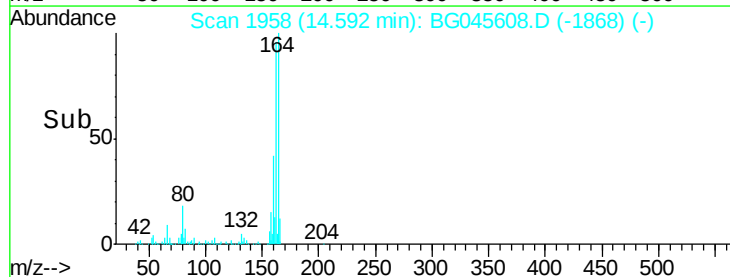
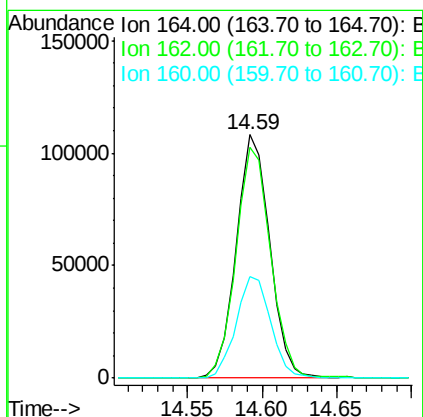
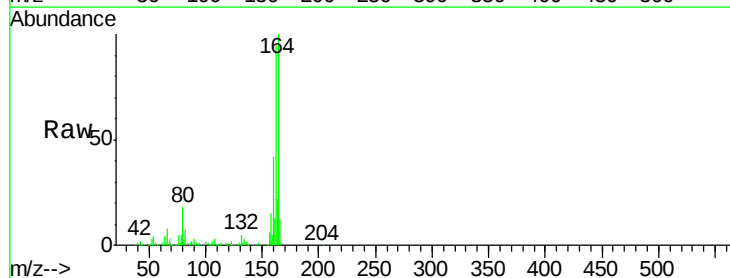
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TP

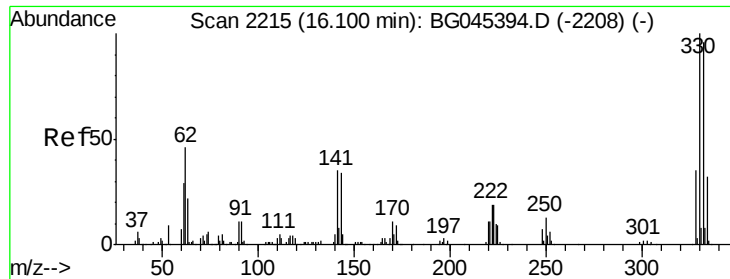
Tot Ion	82	Resp	367542
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	41.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

Tgt Ion	164	Resp	169279
Ion Ratio	Lower	Upper	
164	100		
162	94.9	76.9	115.3
160	41.7	33.8	50.8

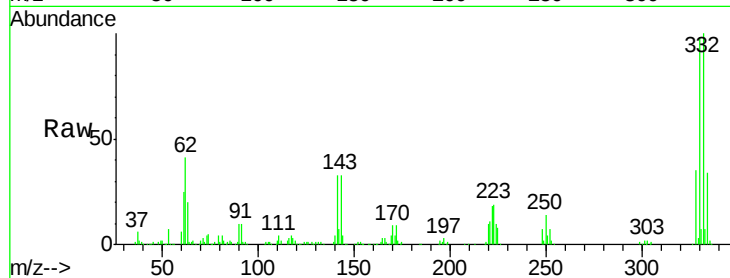




#42
 2,4,6-Tribromophenol
 Concen: 124.823 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	34.6	28.2	42.4

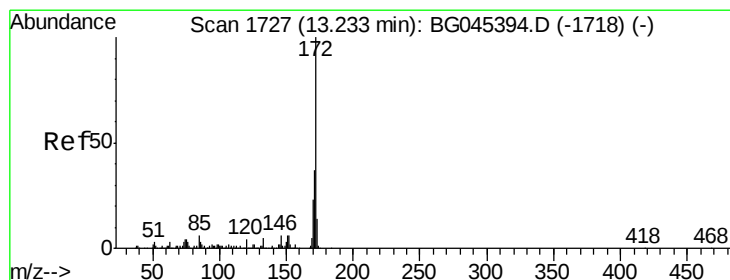
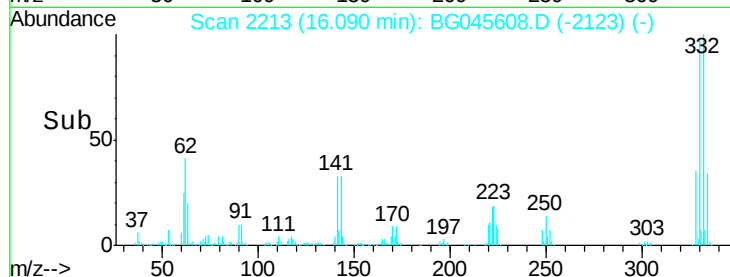
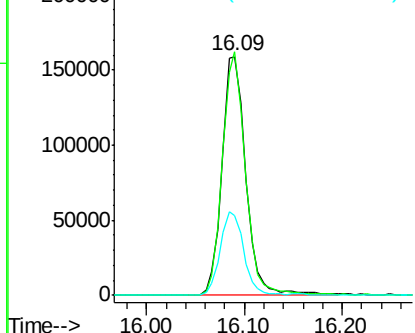


Abundance

Ion 329.80 (329.50 to 330.50): E

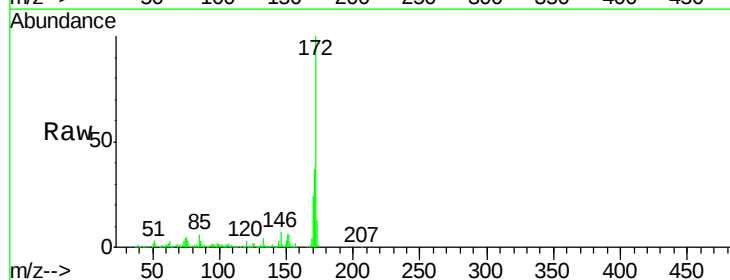
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.112 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045608.D
 Acq: 4 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	23.8	18.5	27.7

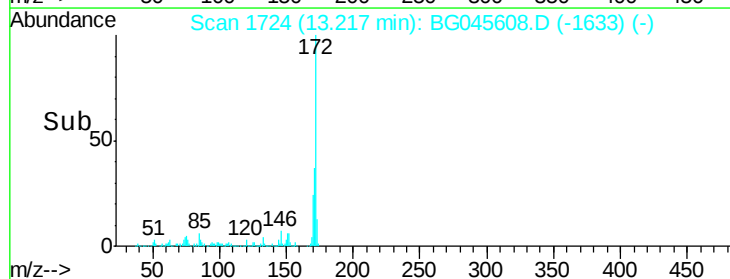
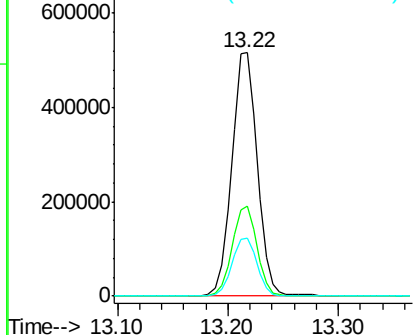


Abundance

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





#50

Dimethylphthalate

Concen: 13.238 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045608.D

Acq: 4 Jun 2020 16:58

Instrument :

BNA_G

ClientSampleId :

WARREN-TP

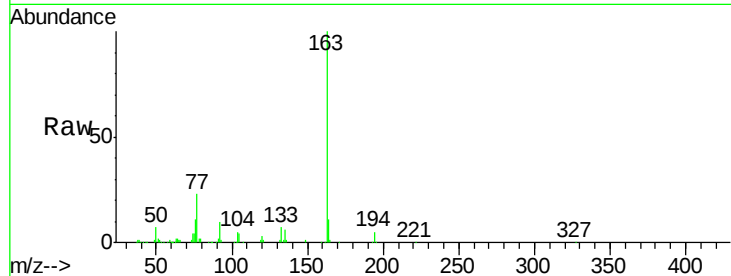
Tot Ion:163 Resp: 153728

Ion Ratio Lower Upper

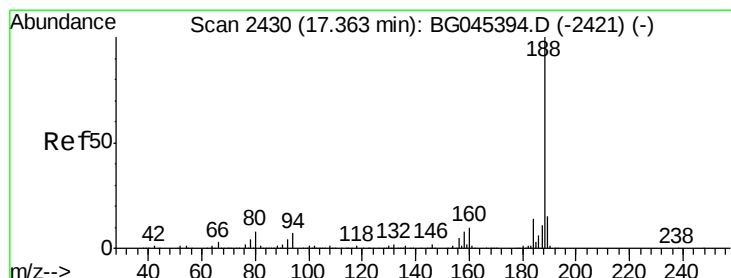
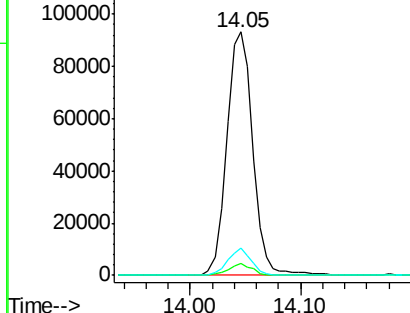
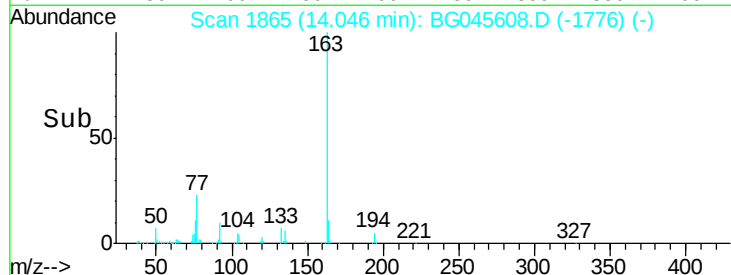
163 100

194 5.0 3.2 4.8#

164 11.3 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: BG045608.D

Acq: 4 Jun 2020 16:58

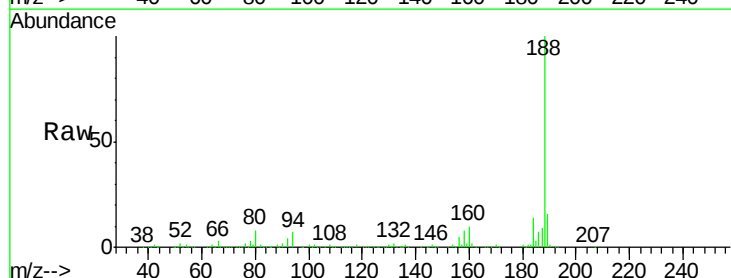
Tgt Ion:188 Resp: 383541

Ion Ratio Lower Upper

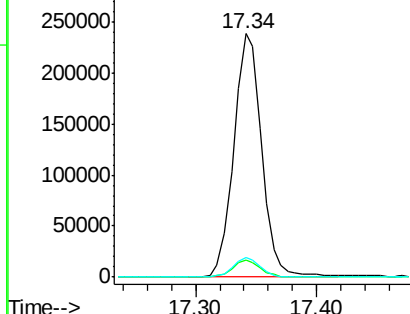
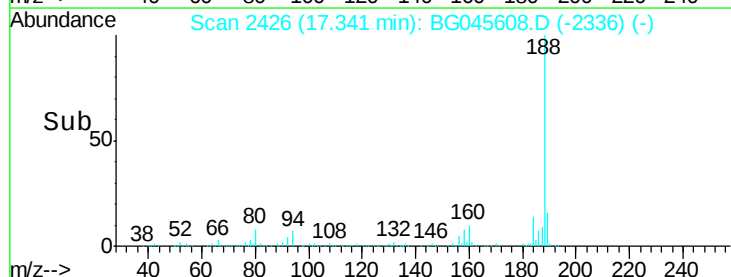
188 100

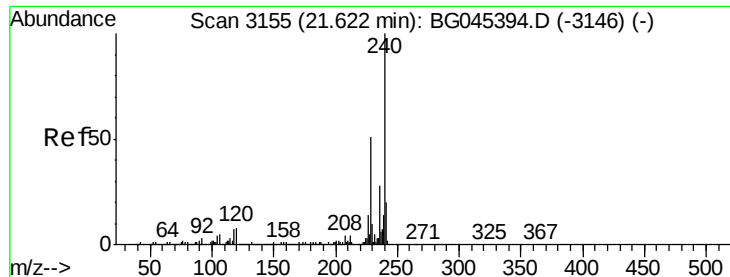
94 7.1 5.5 8.3

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: BG045608.D

Acq: 4 Jun 2020 16:58

Instrument :

BNA_G

ClientSampleId :

WARREN-TP

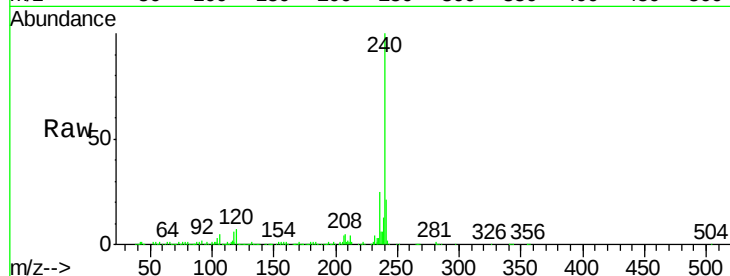
Tot Ion:240 Resp: 367287

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

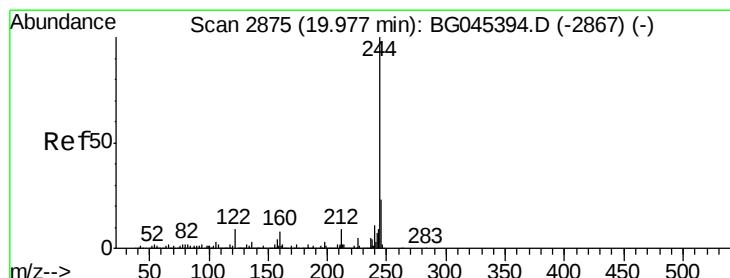
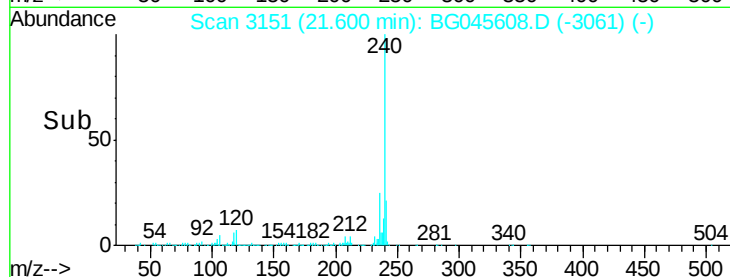
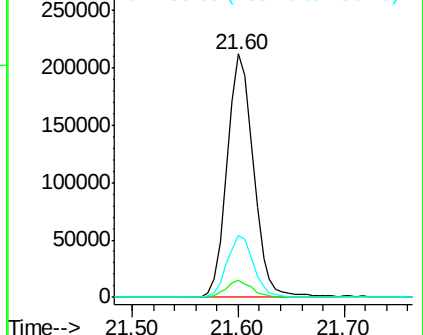
236 25.4 22.3 33.5



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: 86.671 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045608.D

Acq: 4 Jun 2020 16:58

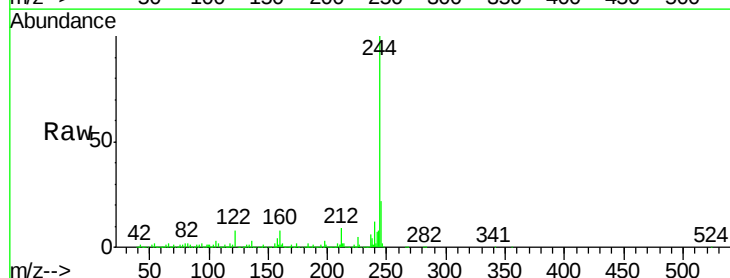
Tgt Ion:244 Resp: 1364882

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

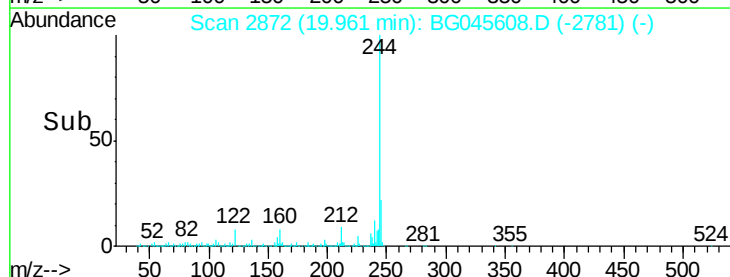
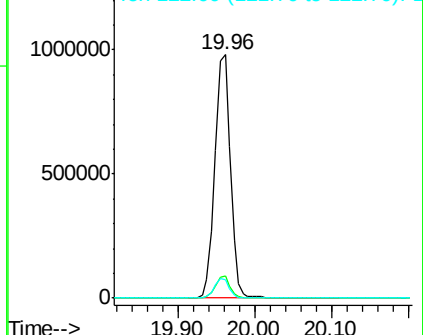
122 7.5 6.8 10.2

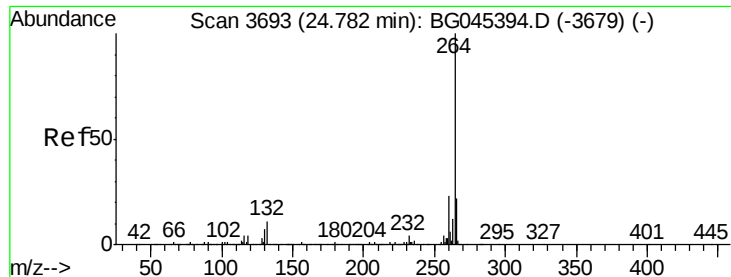


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045608.D
Acq: 4 Jun 2020 16:58

Instrument :
BNA_G
ClientSampleId :
WARREN-TP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.4	17.6	26.4

