

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045417.D
 Acq On : 18 May 2020 17:48
 Operator : CG/JU
 Sample : L2503-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420

Quant Time: May 18 18:30:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

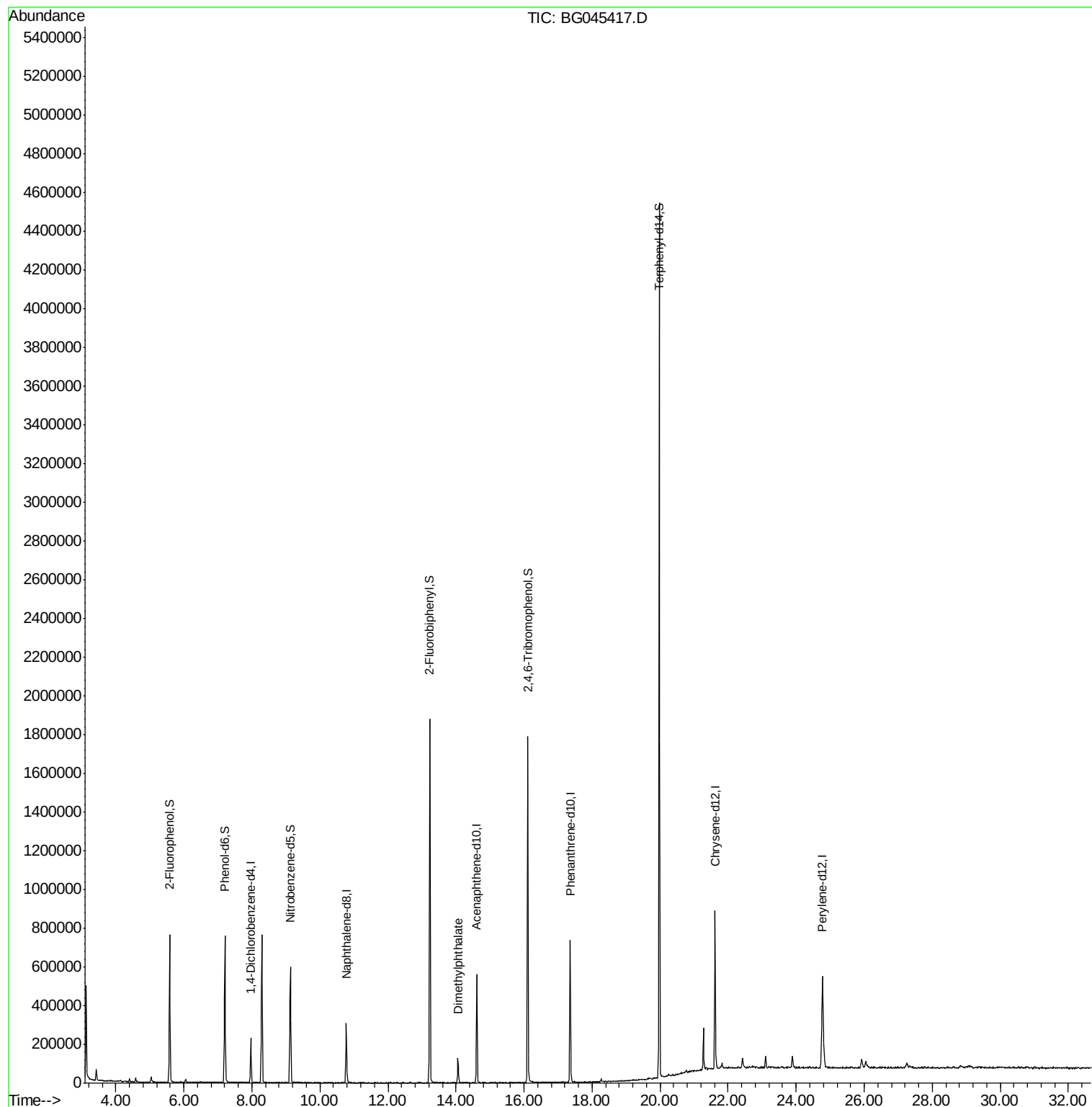
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	68148	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	279407	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	205979	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	485048	20.00	ng	0.00
76) Chrysene-d12	21.62	240	512567	20.00	ng	0.00
87) Perylene-d12	24.77	264	541337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	379141	108.73	ng	0.00
7) Phenol-d6	7.20	99	506531	102.06	ng	0.00
23) Nitrobenzene-d5	9.13	82	413932	80.79	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	366681	139.20	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1039799	85.63	ng	0.00
79) Terphenyl-d14	19.97	244	2078252	94.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	87791	6.213	ng	Qvalue 98

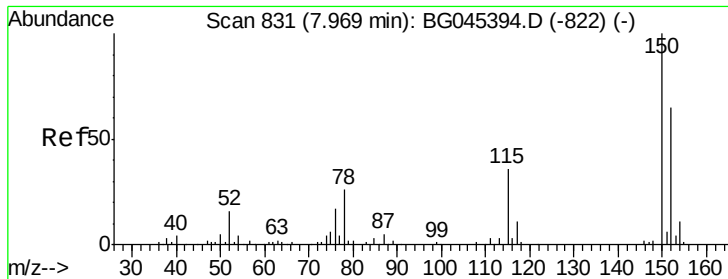
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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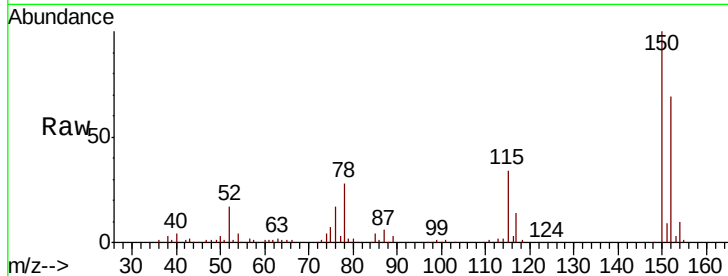


#1

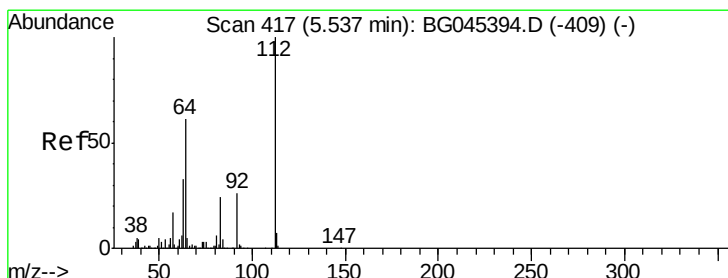
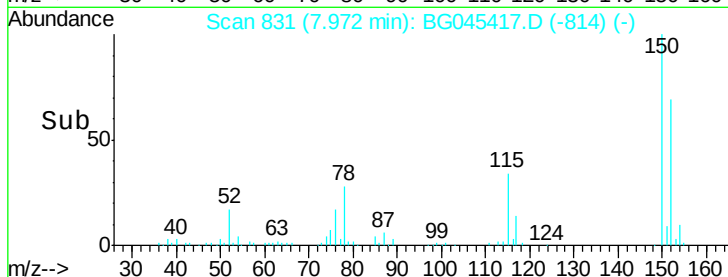
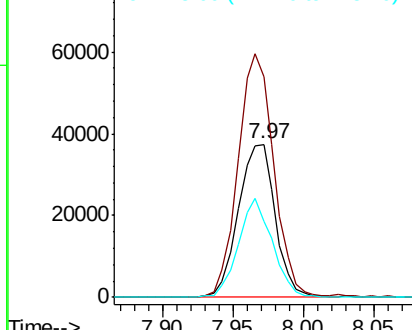
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045417.D
Acq: 18 May 2020 17:48

Instrument :
BNA_G
ClientSampleId :
OR-02-051420

Tot Ion:152 Resp: 68148
Ion Ratio Lower Upper
152 100
150 144.1 122.4 183.6
115 49.6 44.2 66.4



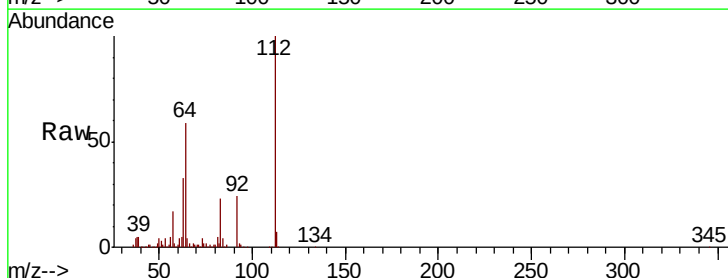
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



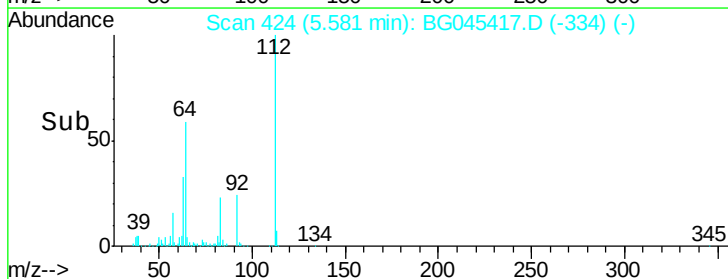
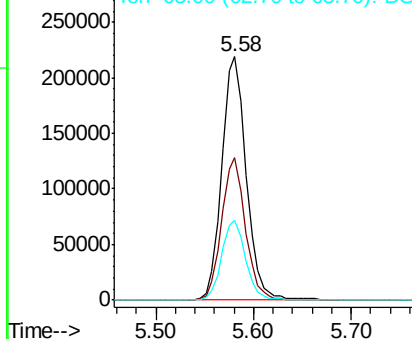
#5

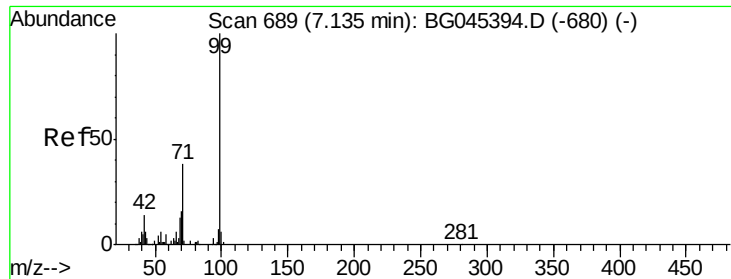
2-Fluorophenol
Concen: 108.727 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG045417.D
Acq: 18 May 2020 17:48

Tgt Ion:112 Resp: 379141
Ion Ratio Lower Upper
112 100
64 58.7 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.058 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

Instrument :

BNA_G

ClientSampleId :

OR-02-051420

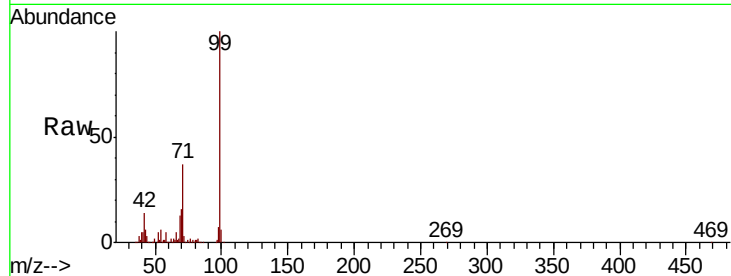
Tot Ion: 99 Resp: 506531

Ion Ratio Lower Upper

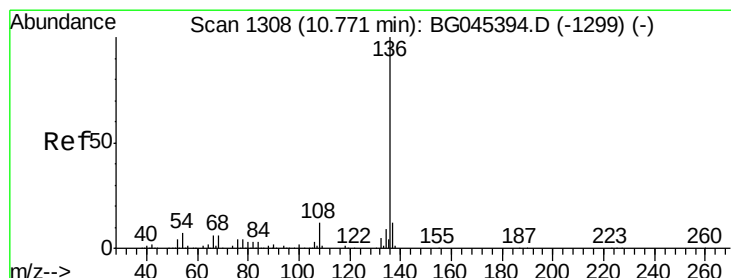
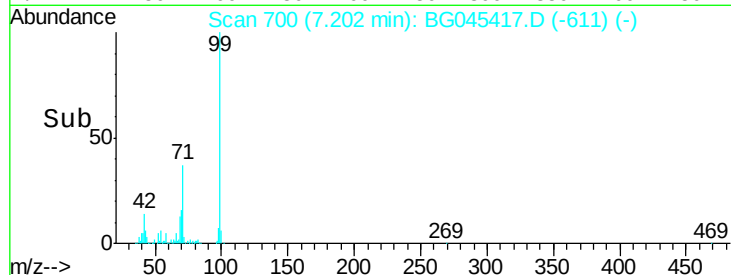
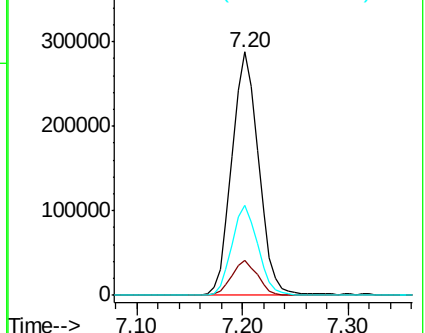
99 100

42 14.1 11.3 16.9

71 37.0 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: 10.77 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

Tgt Ion: 136 Resp: 279407

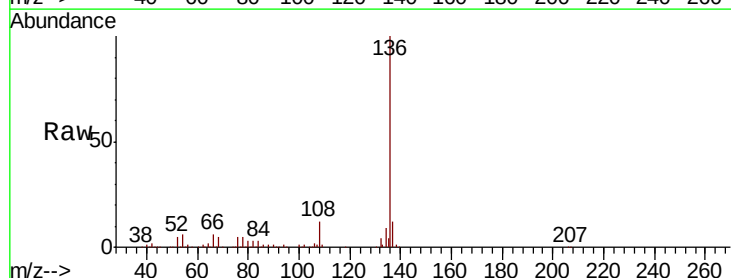
Ion Ratio Lower Upper

136 100

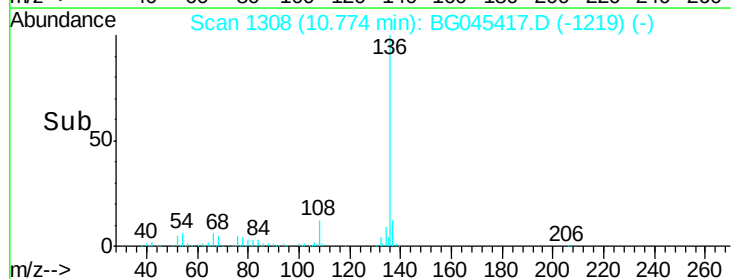
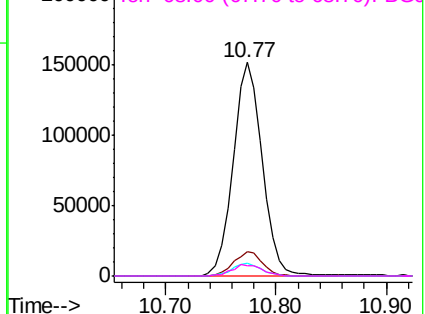
137 11.6 9.4 14.2

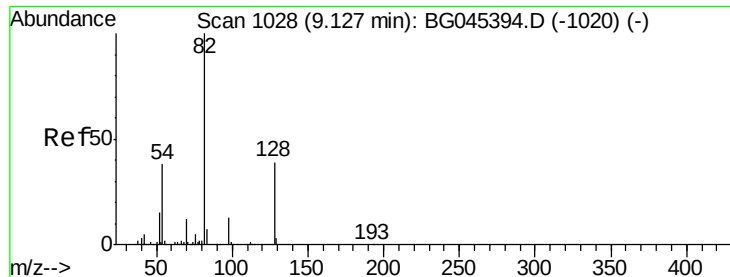
54 6.0 5.8 8.6

68 4.9 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 80.787 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

Instrument :

BNA_G

ClientSampleId :

OR-02-051420

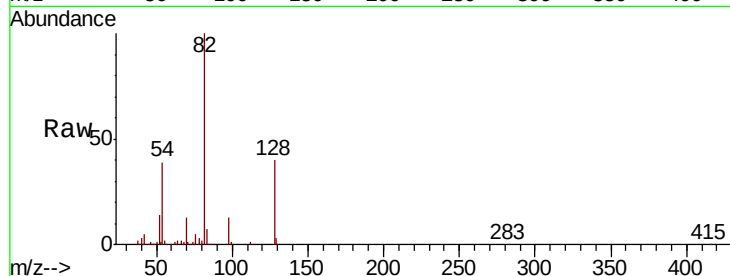
Tot Ion: 82 Resp: 413932

Ion Ratio Lower Upper

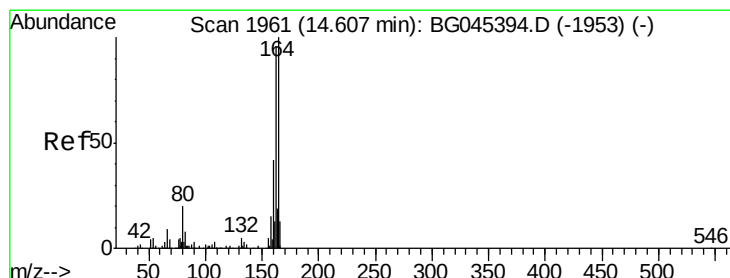
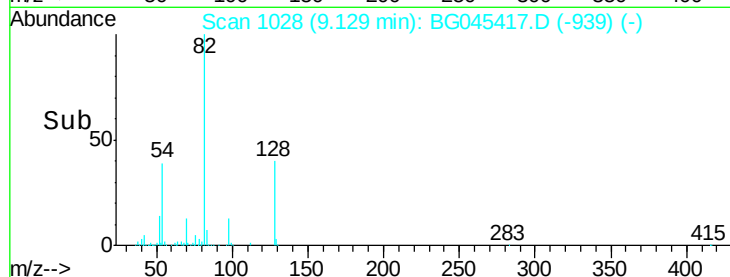
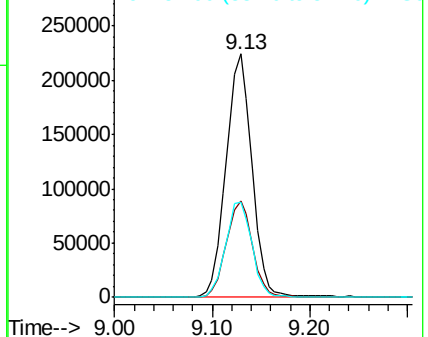
82 100

128 39.6 30.9 46.3

54 39.0 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: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

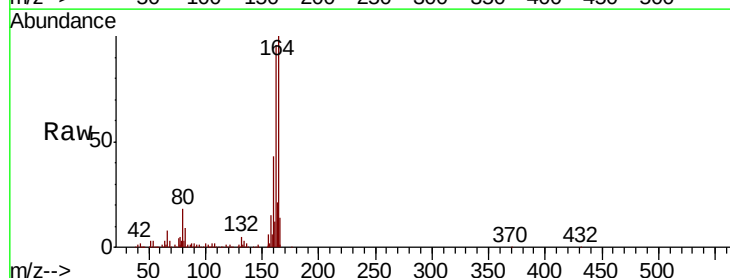
Tgt Ion: 164 Resp: 205979

Ion Ratio Lower Upper

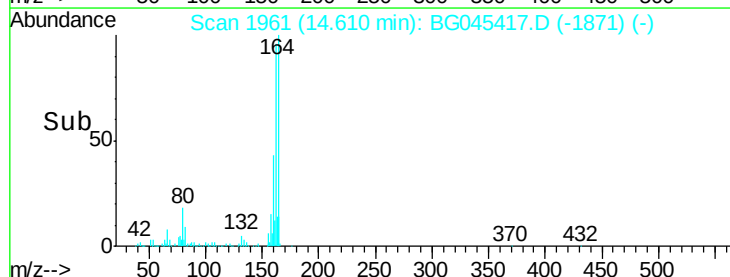
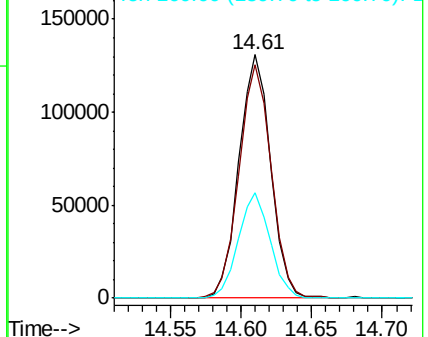
164 100

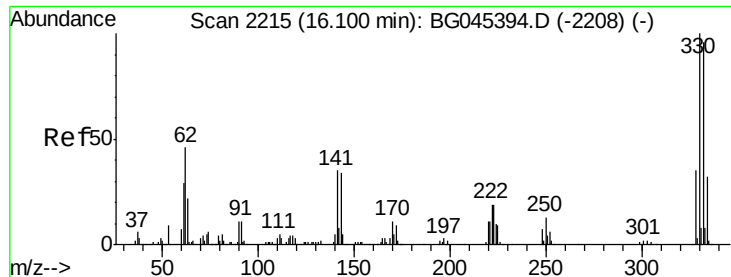
162 96.1 76.9 115.3

160 43.2 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

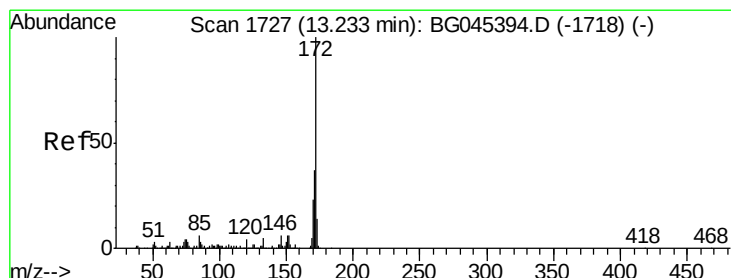
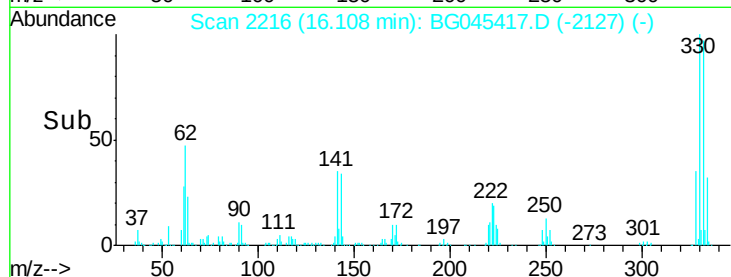
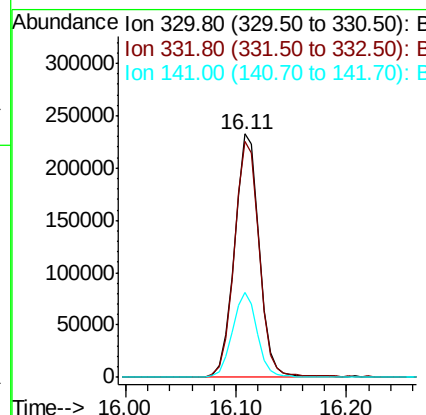
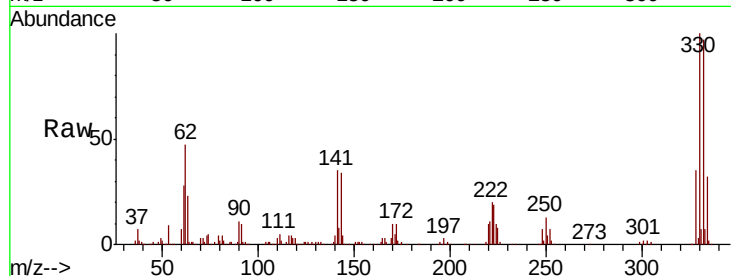




#42
 2,4,6-Tribromophenol
 Concen: 139.198 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045417.D
 Acq: 18 May 2020 17:48

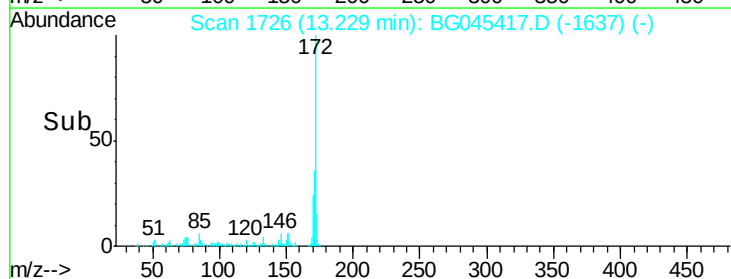
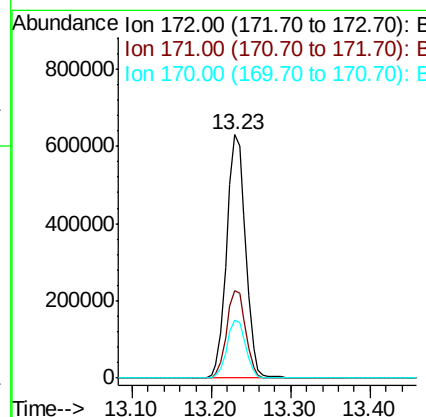
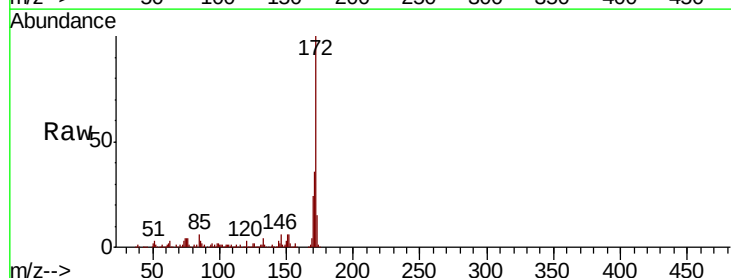
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420

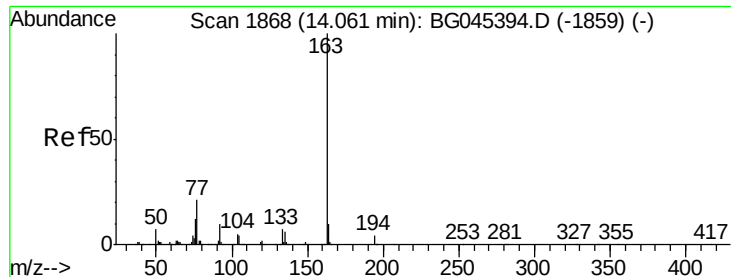
Tot Ion:330 Resp: 366681
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.4
 141 34.8 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 85.626 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG045417.D
 Acq: 18 May 2020 17:48

Tgt Ion:172 Resp: 1039799
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.5 44.3
 170 24.0 18.5 27.7





#50

Dimethylphthalate

Concen: 6.213 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

Instrument :

BNA_G

ClientSampleId :

OR-02-051420

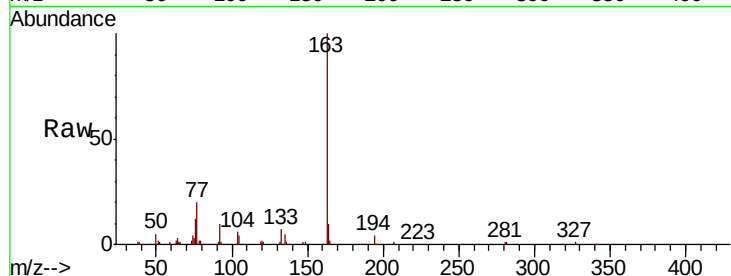
Tot Ion:163 Resp: 87791

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

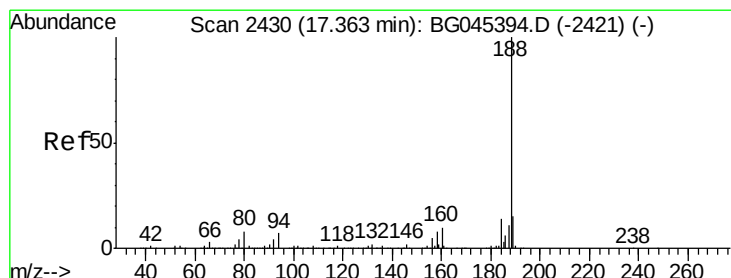
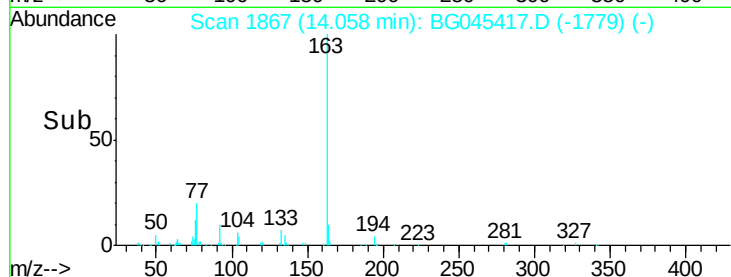
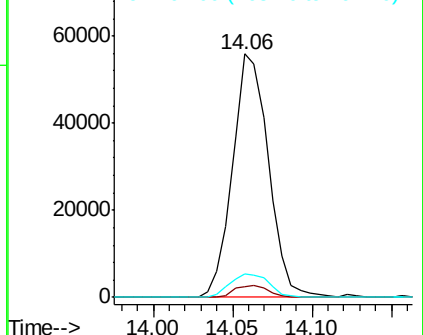
164 9.5 8.3 12.5



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: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045417.D

Acq: 18 May 2020 17:48

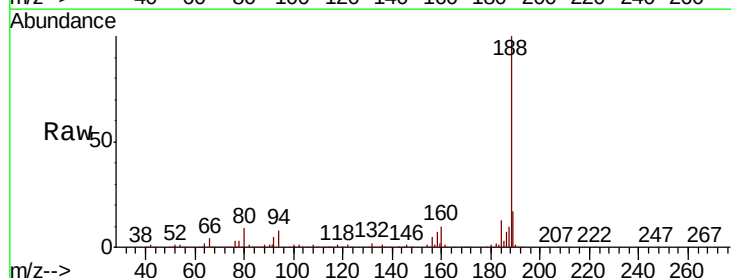
Tgt Ion:188 Resp: 485048

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

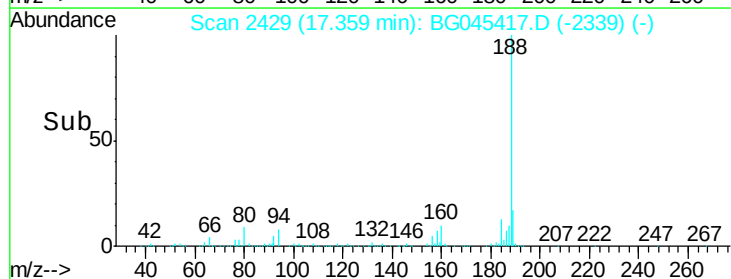
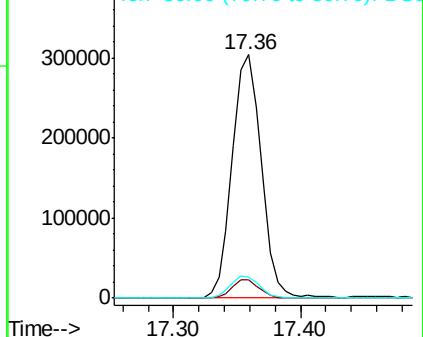
80 8.7 6.6 10.0

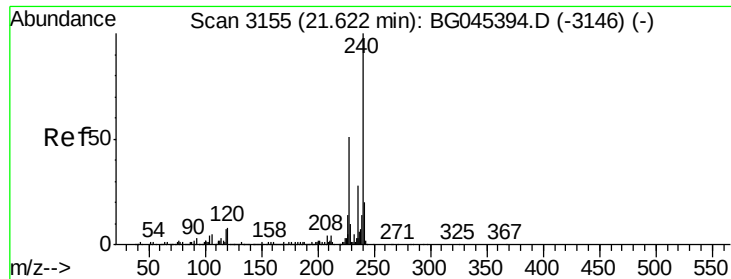


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

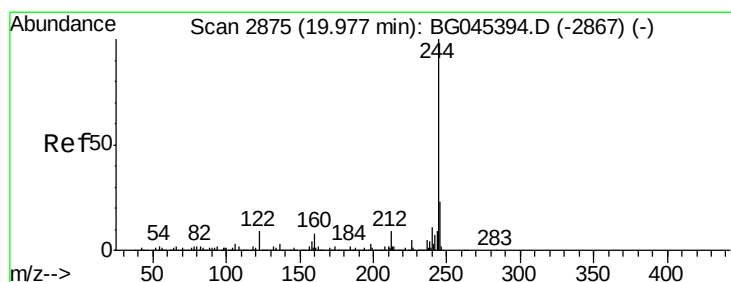
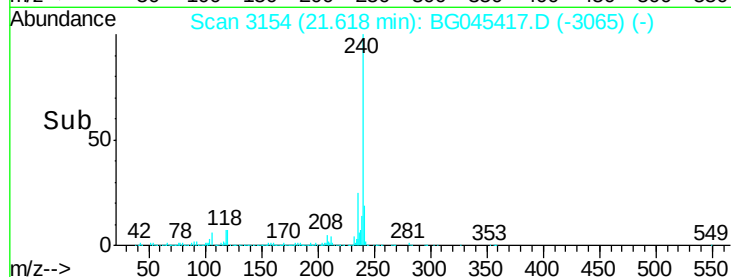
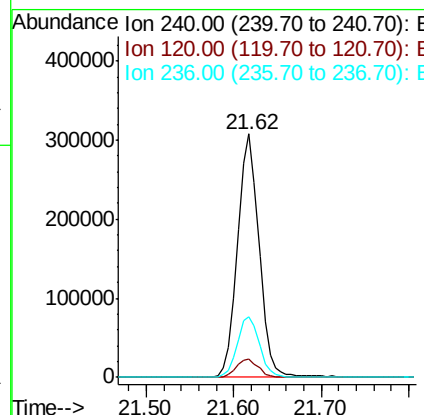
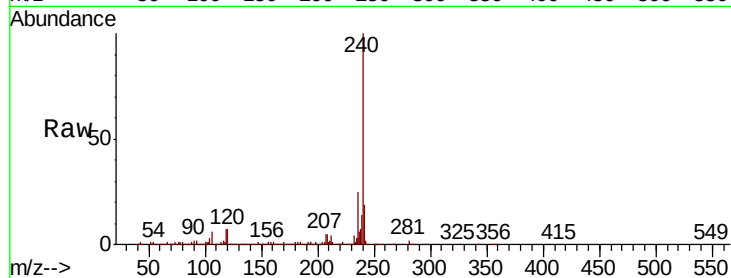




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG045417.D
Acq: 18 May 2020 17:48

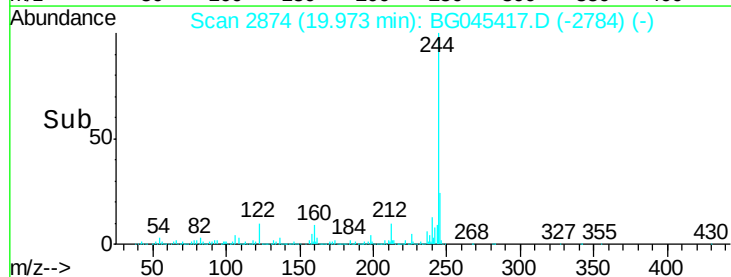
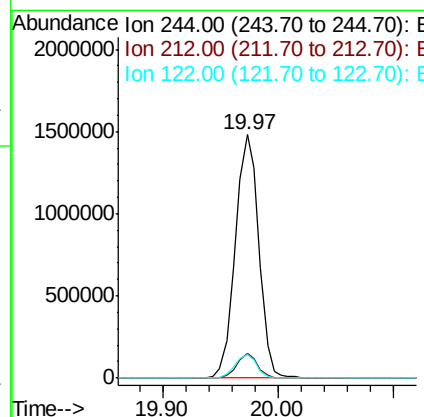
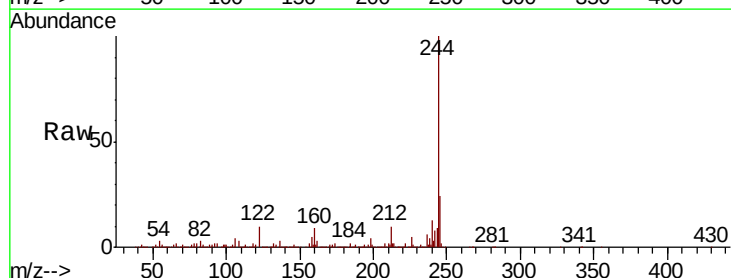
Instrument :
BNA_G
ClientSampleId :
OR-02-051420

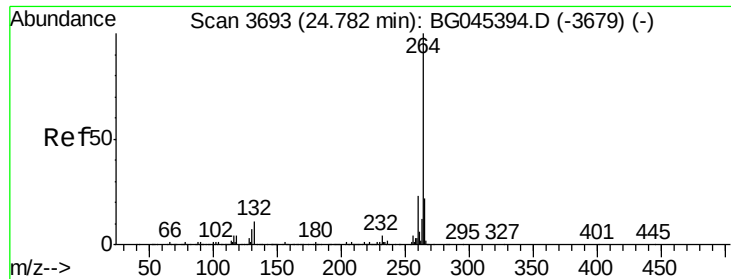
Tot Ion:240 Resp: 512567
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 25.0 22.3 33.5



#79
Terphenyl-d14
Concen: 94.565 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BG045417.D
Acq: 18 May 2020 17:48

Tgt Ion:244 Resp: 2078252
Ion Ratio Lower Upper
244 100
212 9.9 7.4 11.0
122 9.9 6.8 10.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.77 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BG045417.D
 Acq: 18 May 2020 17:48

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420

Tot Ion:264	Resp:	541337
Ion	Ratio	Lower Upper
264	100	
260	24.2	18.2 27.4
265	22.3	17.6 26.4

