

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045477.D
 Acq On : 27 May 2020 15:33
 Operator : CG/JU
 Sample : L2768-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 370

Quant Time: May 27 16:13:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

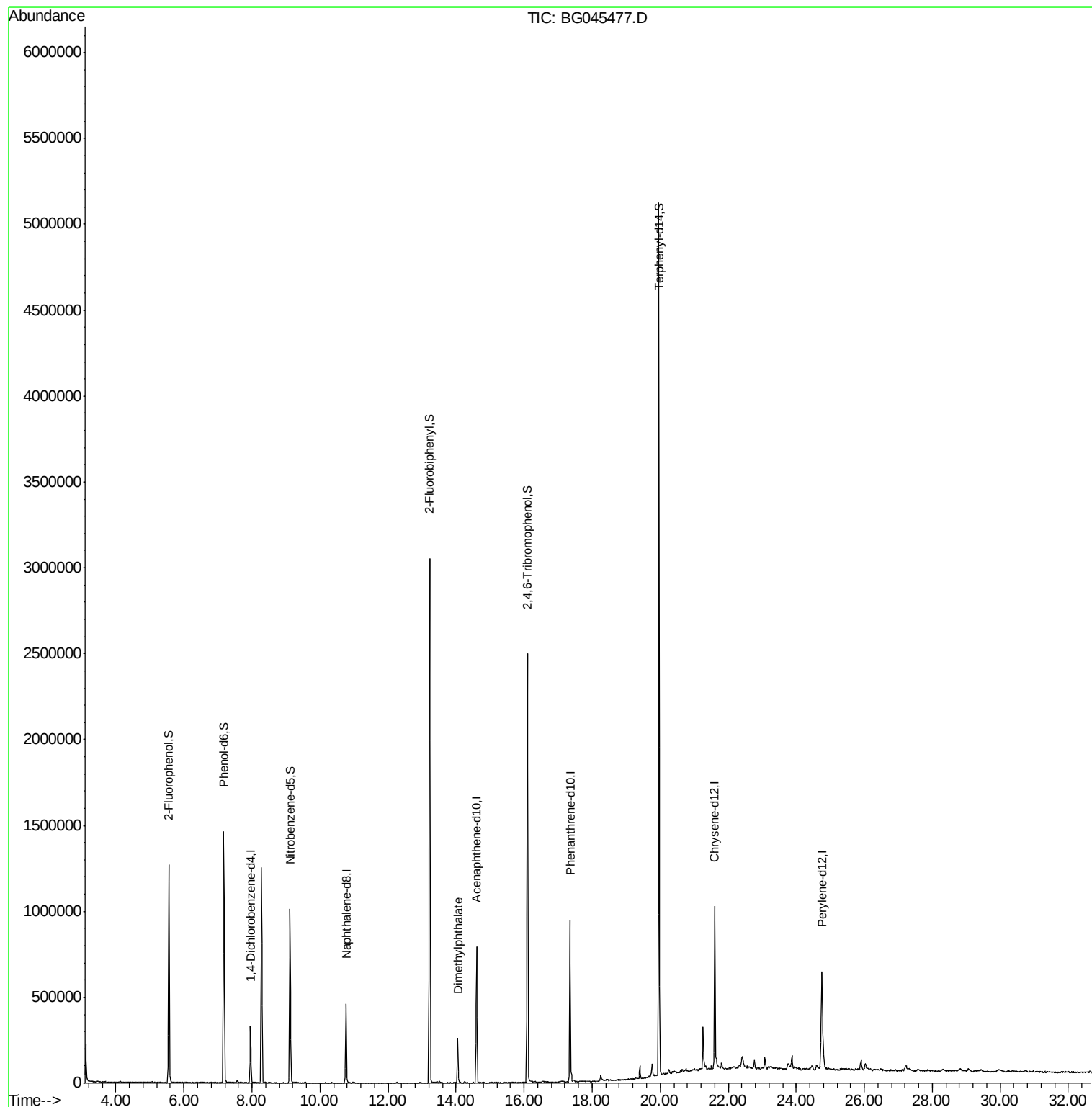
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	101480	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	415565	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	292790	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	640583	20.00	ng	0.00
76) Chrysene-d12	21.60	240	576994	20.00	ng	0.00
87) Perylene-d12	24.75	264	619079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	617788	118.97	ng	0.00
7) Phenol-d6	7.17	99	976416	132.11	ng	0.00
23) Nitrobenzene-d5	9.12	82	694842	91.18	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	538993	143.94	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1644451	95.27	ng	0.00
79) Terphenyl-d14	19.96	244	2371302	95.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	177271	8.826	ng	Qvalue 98

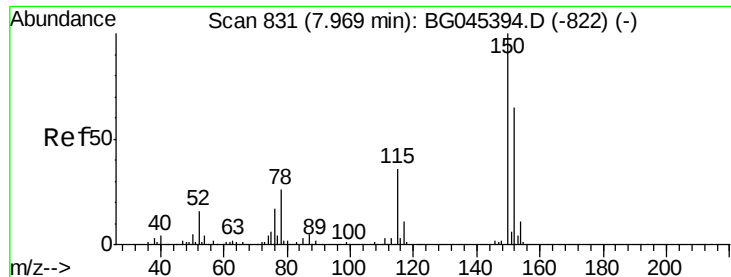
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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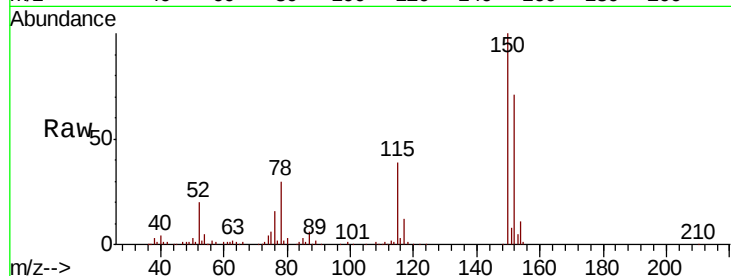


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045477.D
Acq: 27 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
370

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	122.4	183.6
115	55.6	44.2	66.4

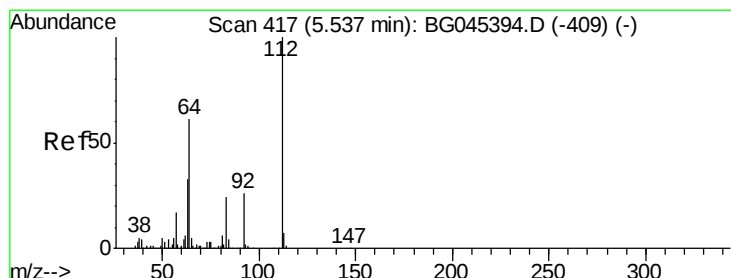
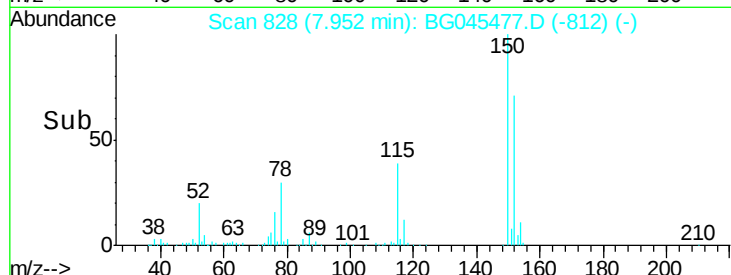
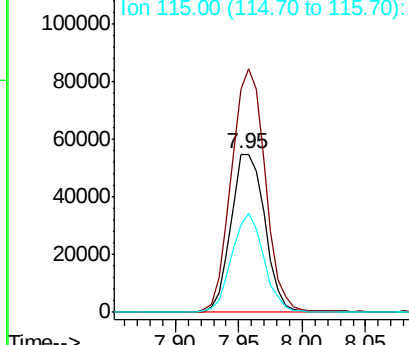


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

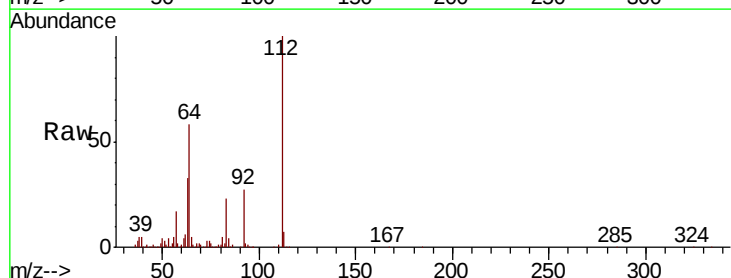
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.973 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG045477.D
Acq: 27 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.6	72.8
63	32.5	26.5	39.7

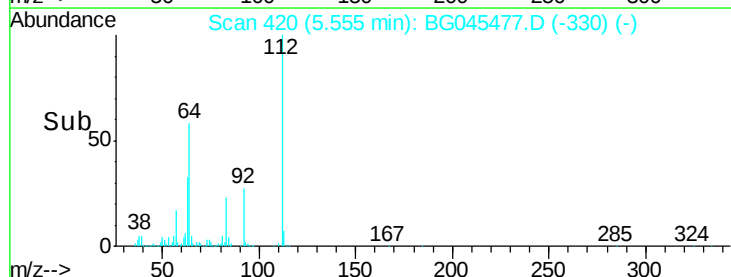
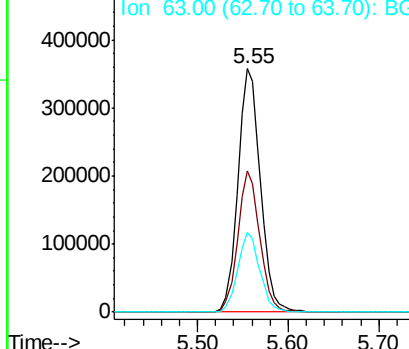


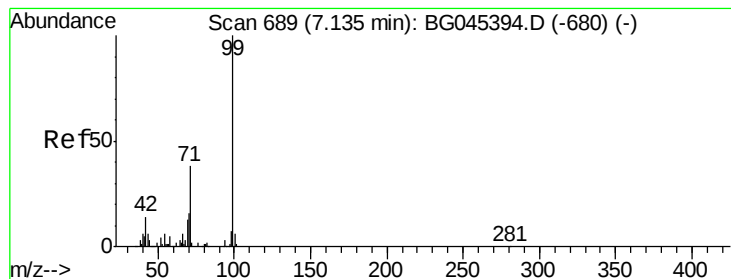
Abundance

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: 132.114 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045477.D

Acq: 27 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

370

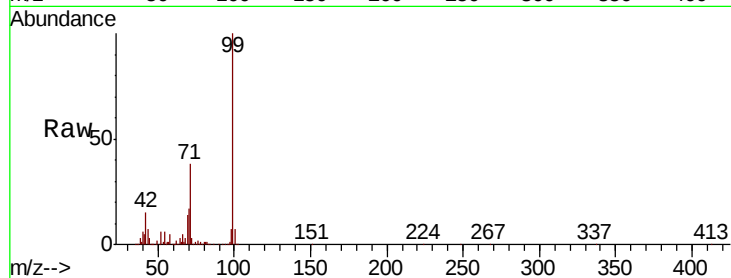
Tot Ion: 99 Resp: 976416

Ion Ratio Lower Upper

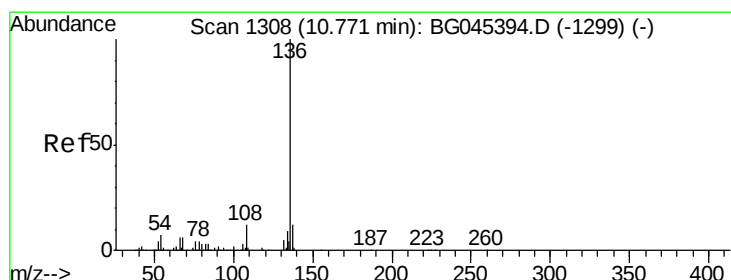
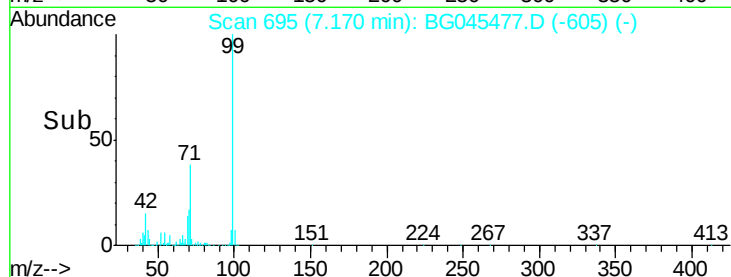
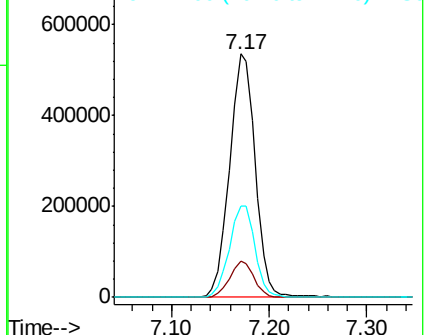
99 100

42 14.7 11.3 16.9

71 37.8 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# 1307

Delta R.T. -0.00 min

Lab File: BG045477.D

Acq: 27 May 2020 15:33

Tgt Ion: 136 Resp: 415565

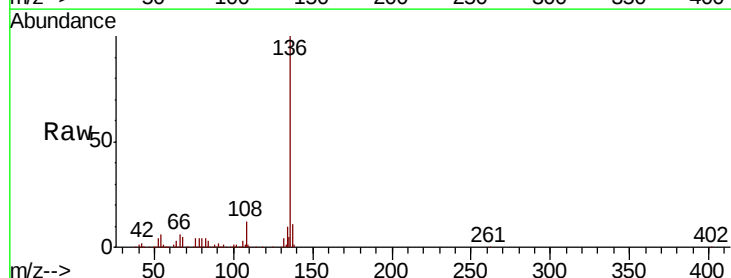
Ion Ratio Lower Upper

136 100

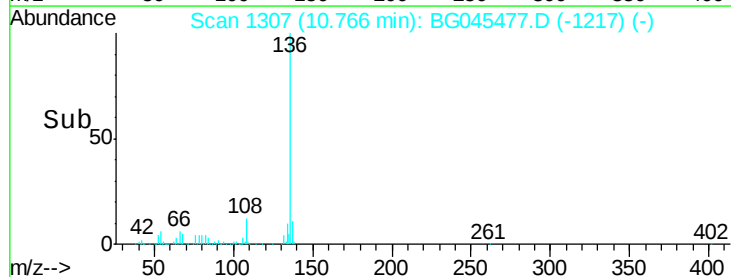
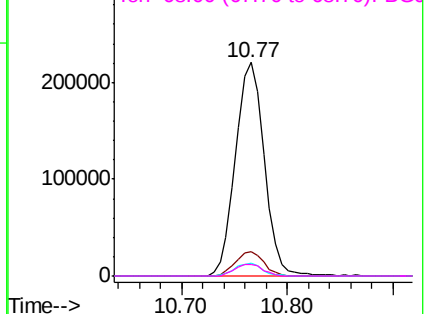
137 11.4 9.4 14.2

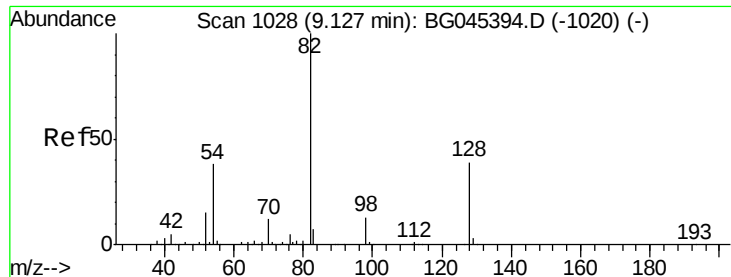
54 6.3 5.8 8.6

68 5.2 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

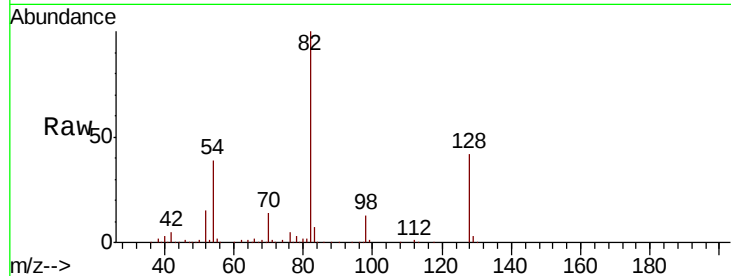




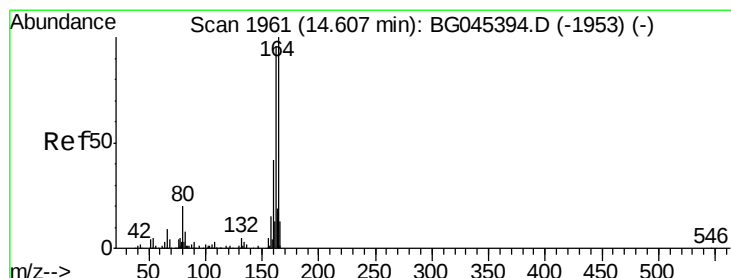
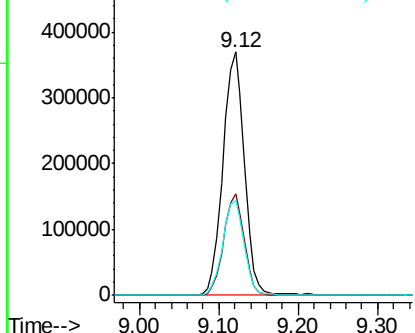
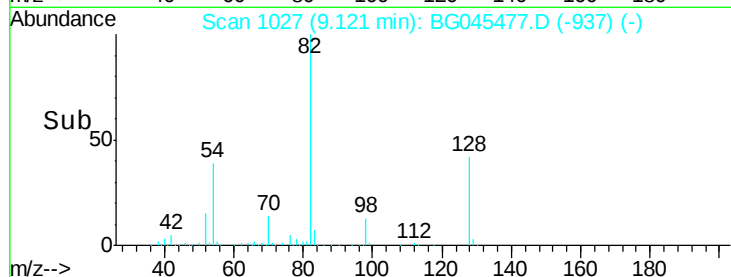
#23
 Nitrobenzene-d5
 Concen: 91.179 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045477.D
 Acq: 27 May 2020 15:33

Instrument :
 BNA_G
 ClientSampled :
 370

Tot Ion	82	Resp	694842
Ion Ratio	Lower	Upper	
82	100		
128	41.6	30.9	46.3
54	39.2	30.3	45.5

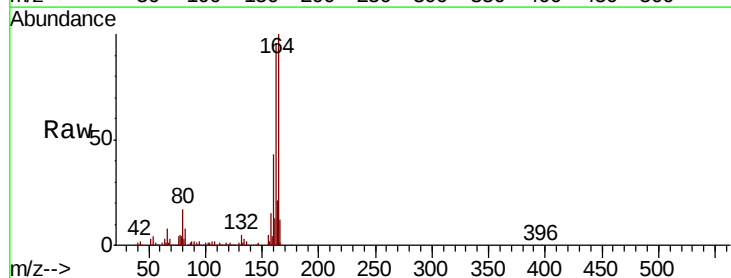


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

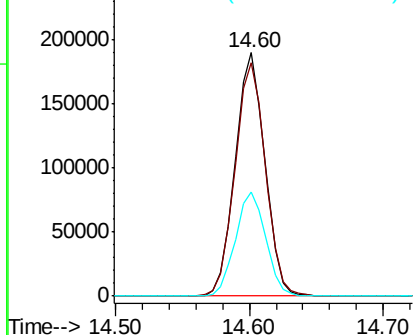
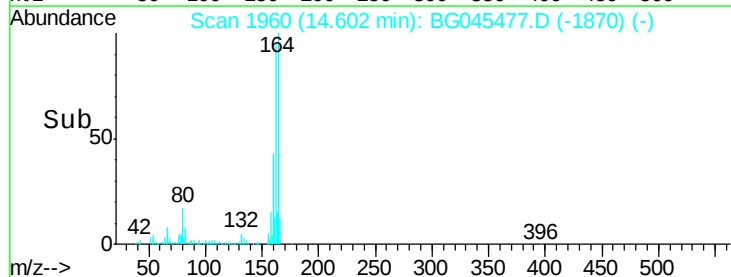


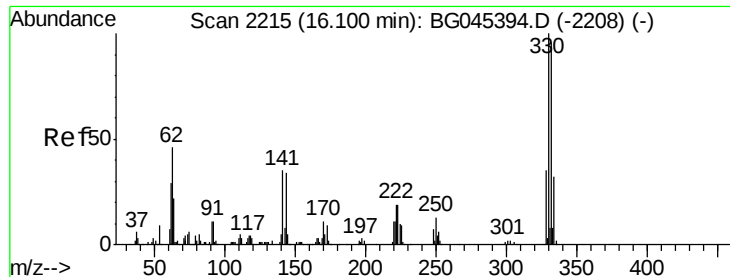
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045477.D
 Acq: 27 May 2020 15:33

Tgt Ion	164	Resp	292790
Ion Ratio	Lower	Upper	
164	100		
162	95.8	76.9	115.3
160	42.7	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

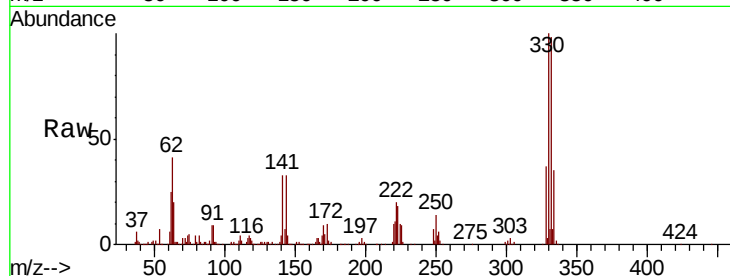




#42
 2,4,6-Tribromophenol
 Concen: 143.944 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045477.D
 Acq: 27 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 370

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	34.7	28.2	42.4

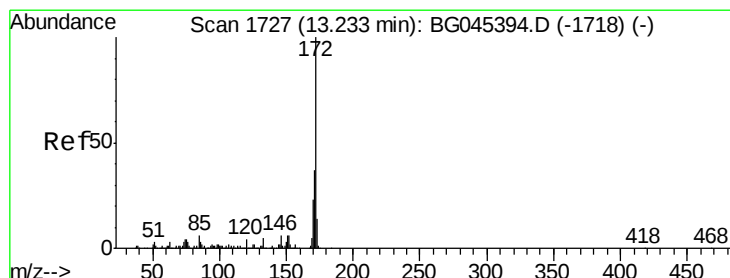
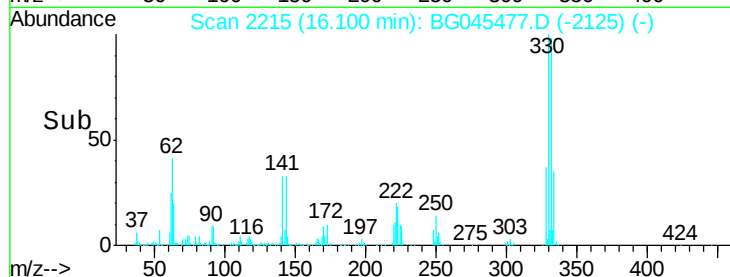
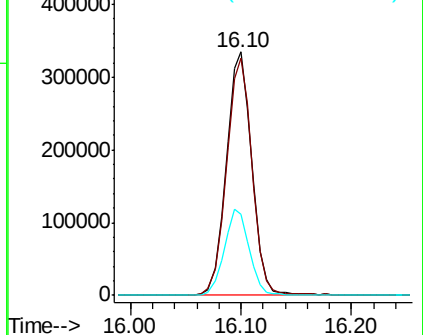


Abundance

Ion 329.80 (329.50 to 330.50): E

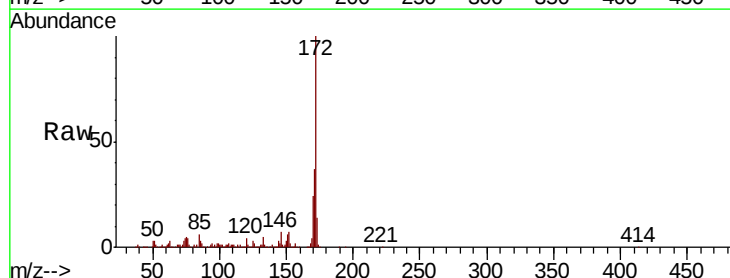
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.267 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG045477.D
 Acq: 27 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	24.3	18.5	27.7

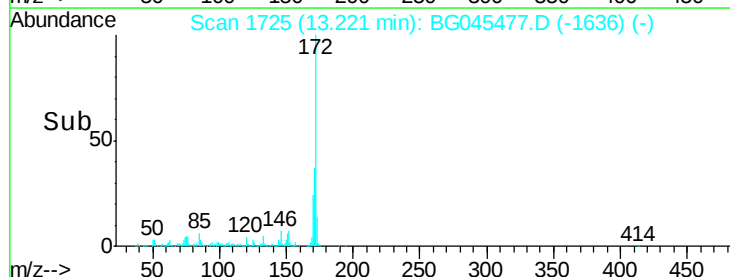
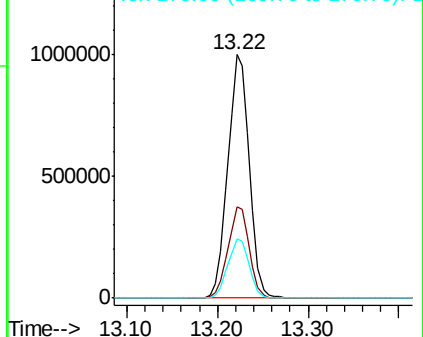


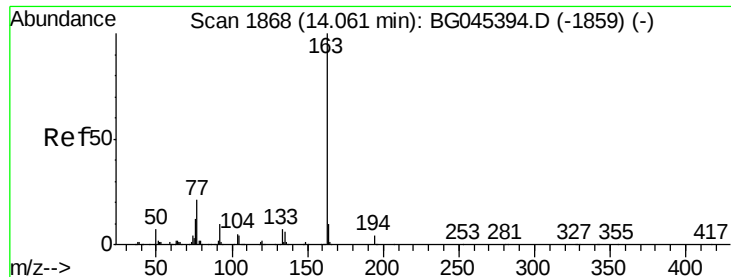
Abundance

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: 8.826 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045477.D

Acq: 27 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

370

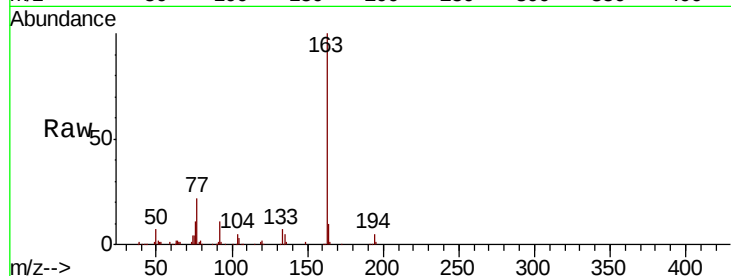
Tot Ion:163 Resp: 177271

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

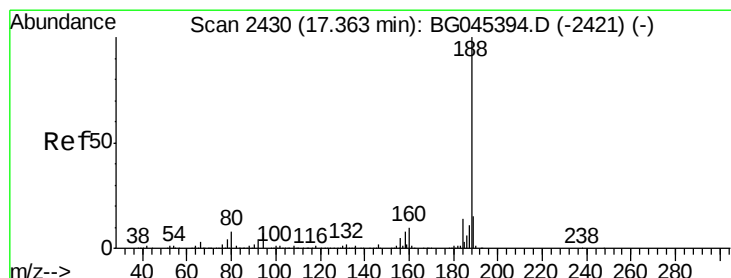
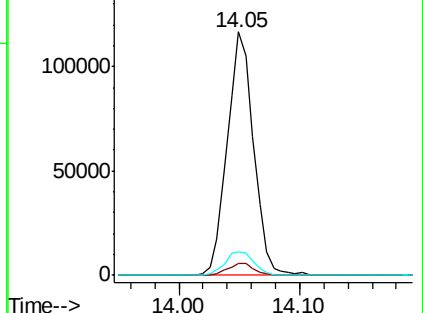
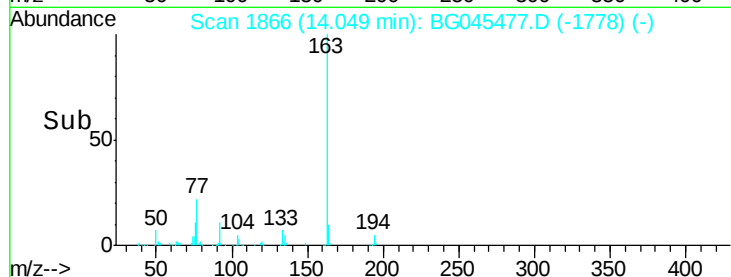
164 9.9 8.3 12.5



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: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045477.D

Acq: 27 May 2020 15:33

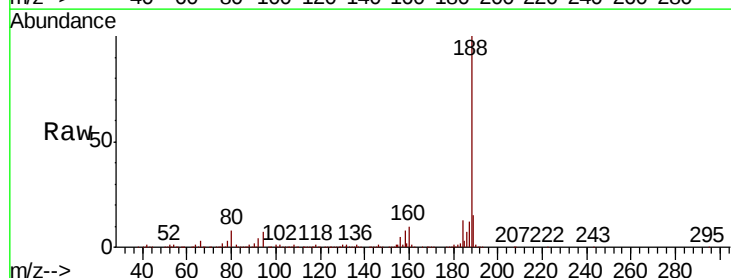
Tgt Ion:188 Resp: 640583

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

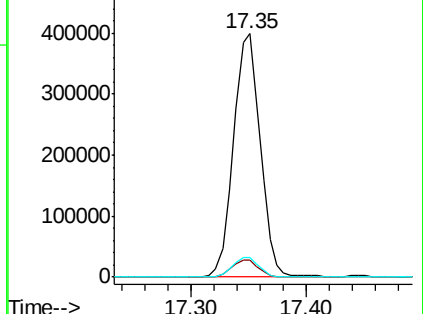
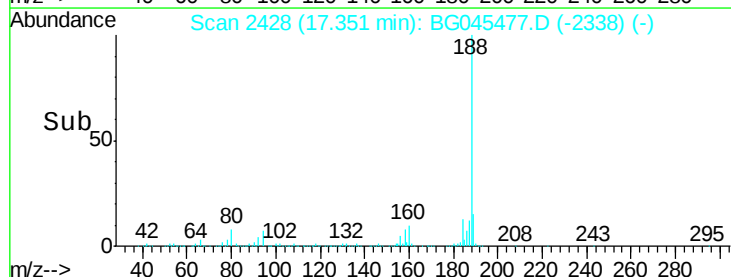
80 8.2 6.6 10.0

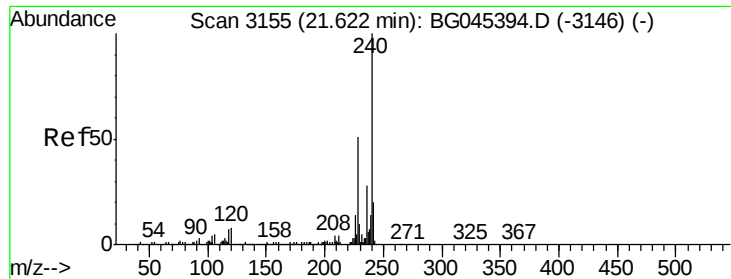


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

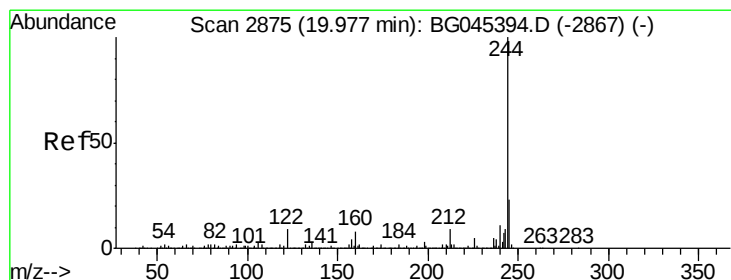
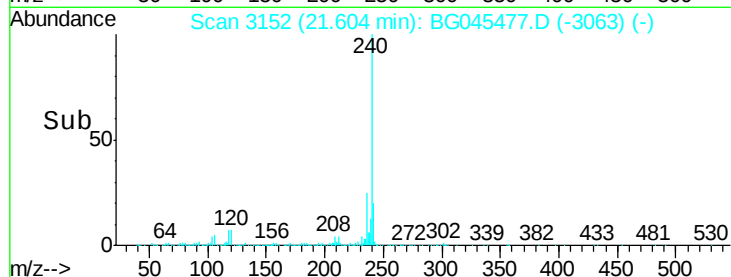
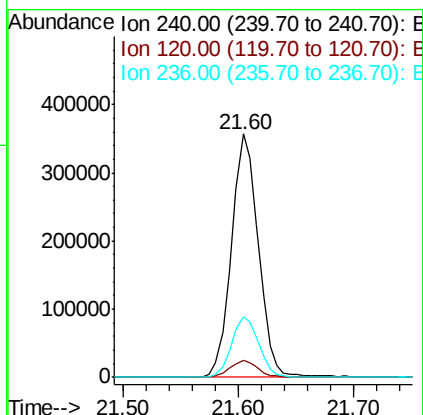
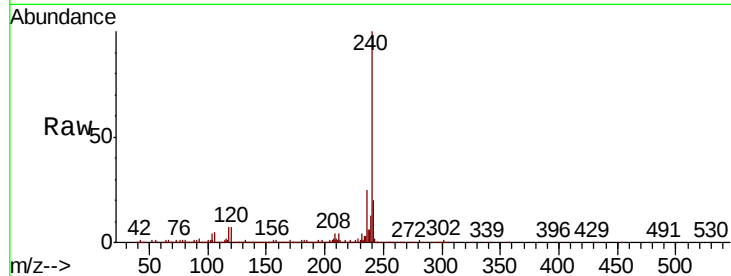




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045477.D
Acq: 27 May 2020 15:33

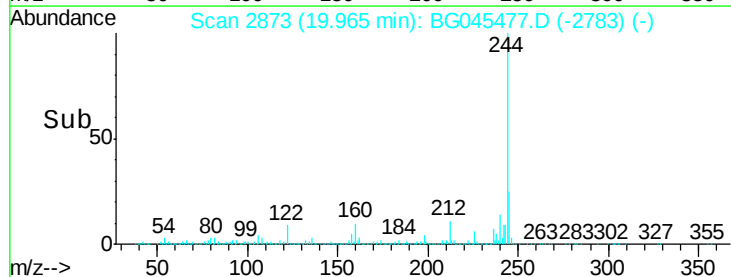
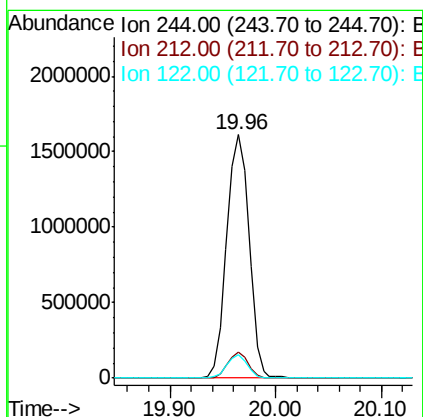
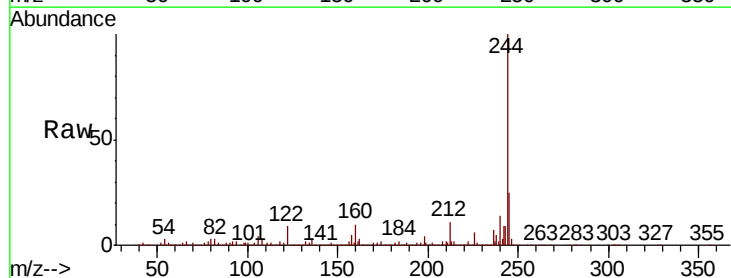
Instrument :
BNA_G
ClientSampleId :
370

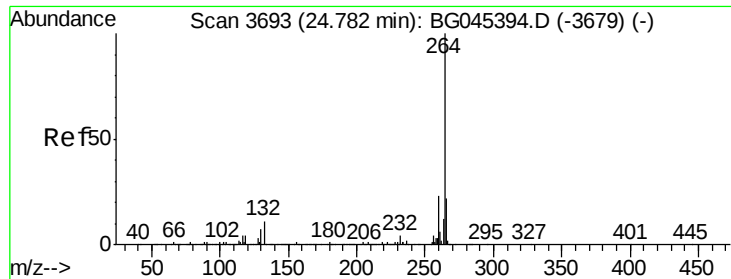
Tot Ion:240 Resp: 576994
Ion Ratio Lower Upper
240 100
120 7.1 6.1 9.1
236 25.0 22.3 33.5



#79
Terphenyl-d14
Concen: 95.852 ng
RT: 19.96 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BG045477.D
Acq: 27 May 2020 15:33

Tgt Ion:244 Resp: 2371302
Ion Ratio Lower Upper
244 100
212 10.5 7.4 11.0
122 9.4 6.8 10.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. -0.01 min
 Lab File: BG045477.D
 Acq: 27 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 370

Tot Ion:	264	Resp:	619079
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.1	17.6	26.4

