

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045448.D
 Acq On : 21 May 2020 20:22
 Operator : CG/JU
 Sample : L2728-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239994

Quant Time: May 22 01:05:37 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 20 14:43:36 2020
 Response via : Initial Calibration

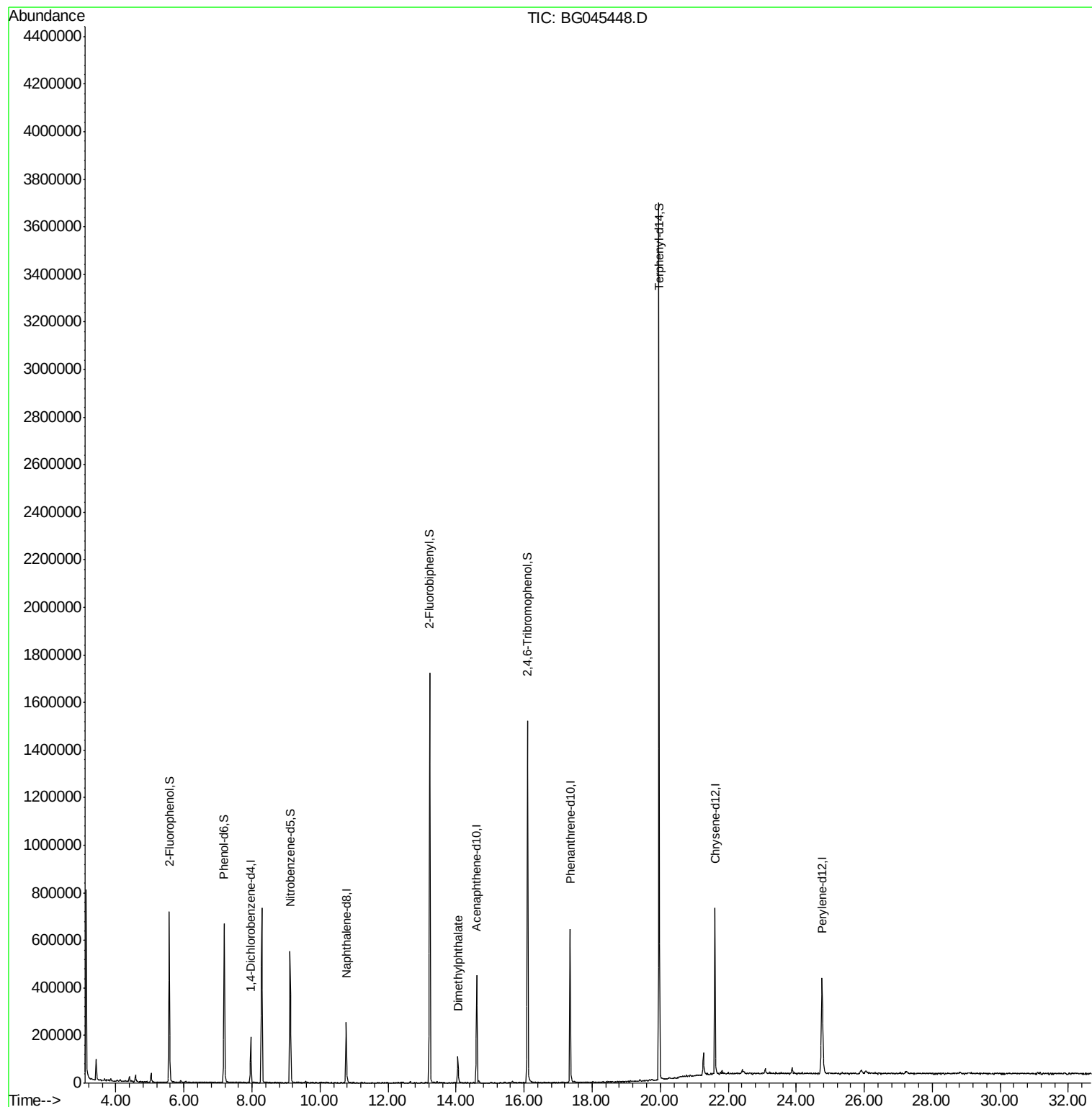
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	59086	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	234331	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174943	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	432195	20.00	ng	0.00
76) Chrysene-d12	21.61	240	440348	20.00	ng	0.00
87) Perylene-d12	24.76	264	463763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	350373	115.89	ng	0.00
7) Phenol-d6	7.18	99	455420	105.83	ng	0.00
23) Nitrobenzene-d5	9.12	82	390641	90.91	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	325364	145.43	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	948207	91.94	ng	0.00
79) Terphenyl-d14	19.97	244	1811644	95.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	82677	6.889	ng	Qvalue 97

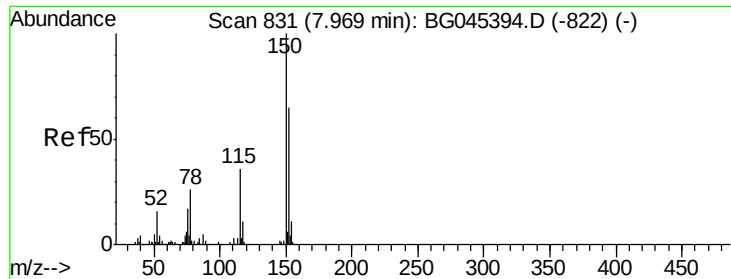
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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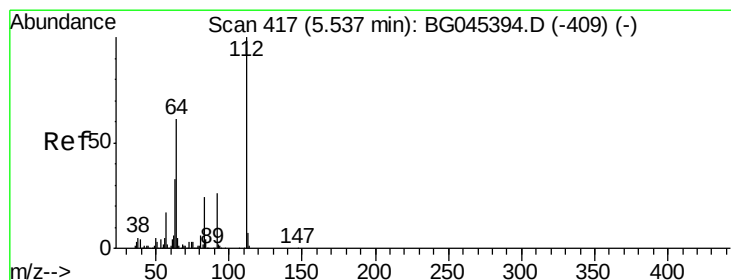
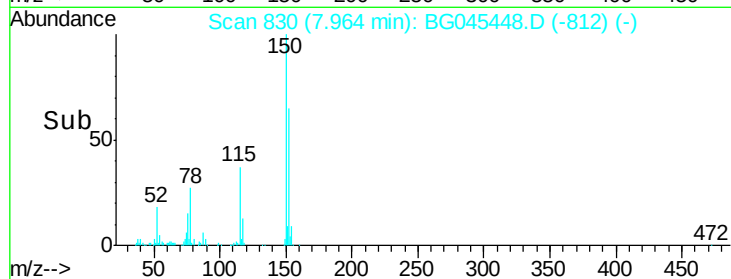
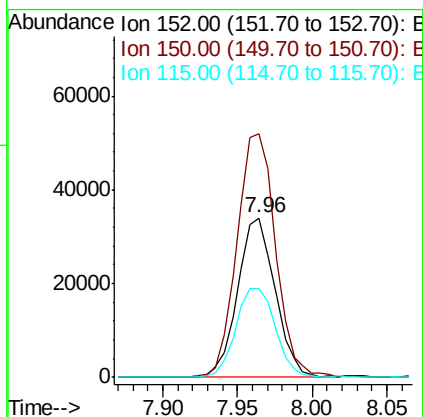
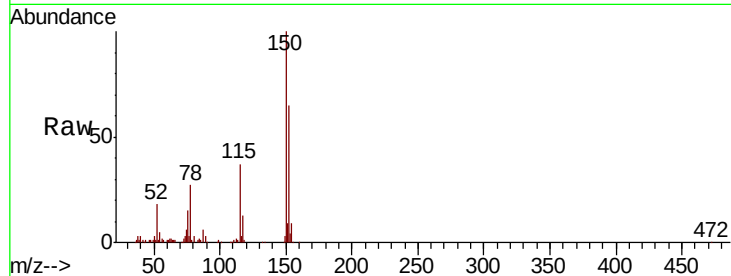


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampleId :
 239994

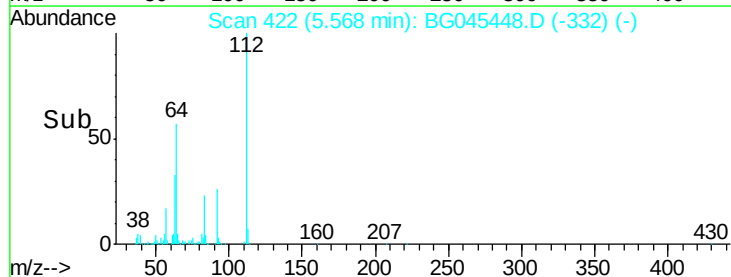
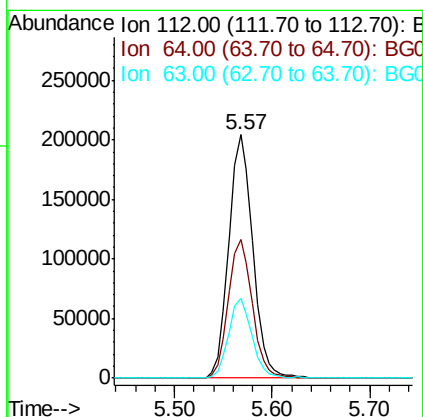
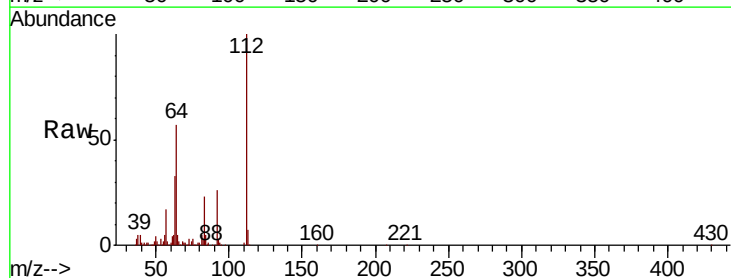
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.4	183.6
115	56.0	44.2	66.4

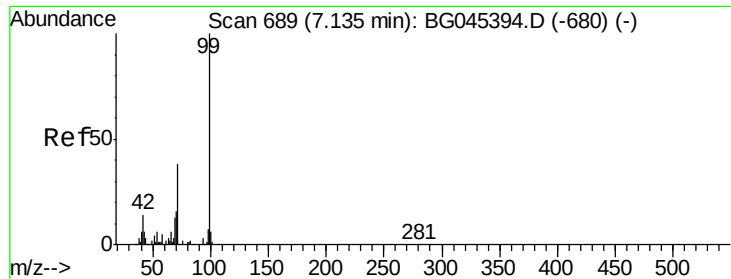


#5

2-Fluorophenol
 Concen: 115.887 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	48.6	72.8
63	32.5	26.5	39.7





#7

Phenol-d6

Concen: 105.833 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

239994

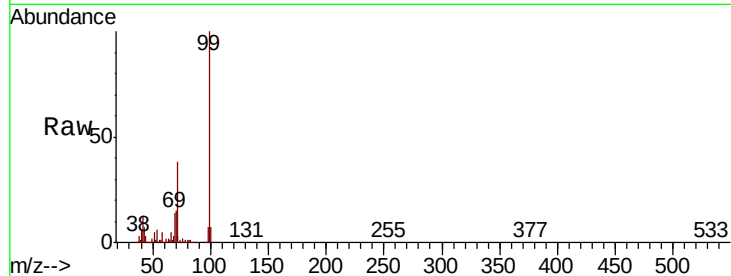
Tot Ion: 99 Resp: 455420

Ion Ratio Lower Upper

99 100

42 13.0 11.3 16.9

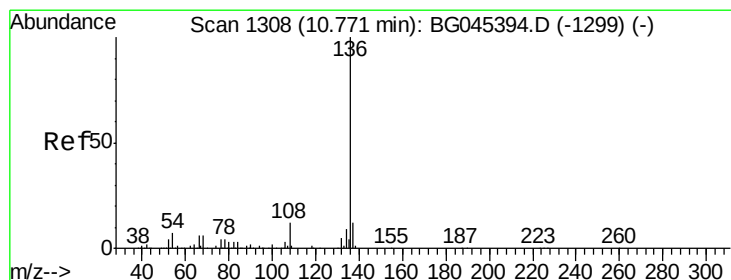
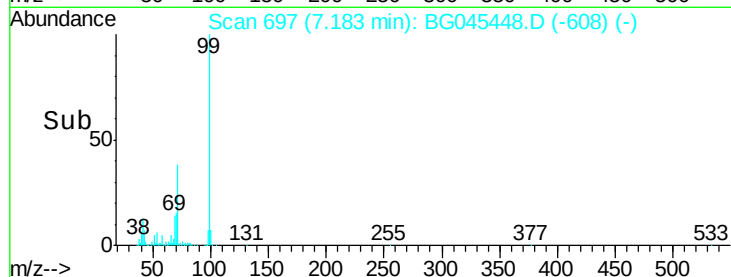
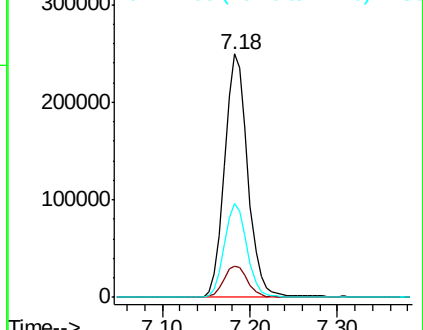
71 38.4 30.8 46.2



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. 0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Tgt Ion: 136 Resp: 234331

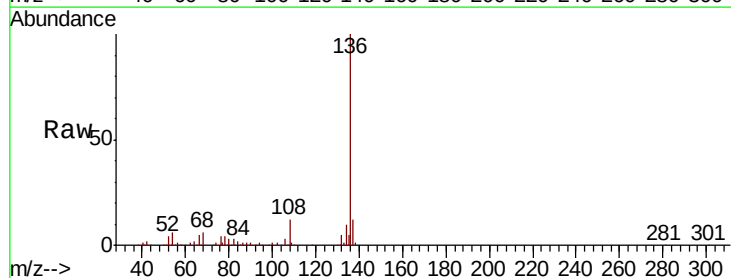
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 6.4 5.8 8.6

68 5.7 4.5 6.7

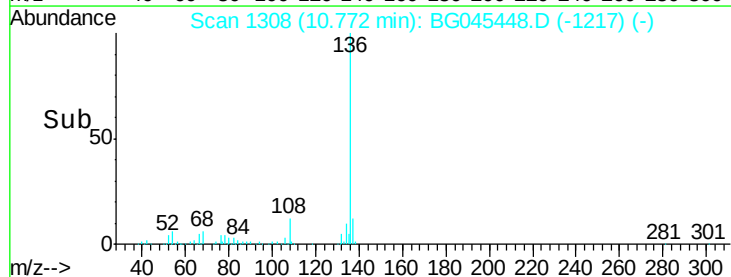
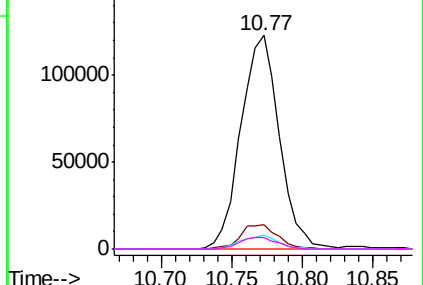


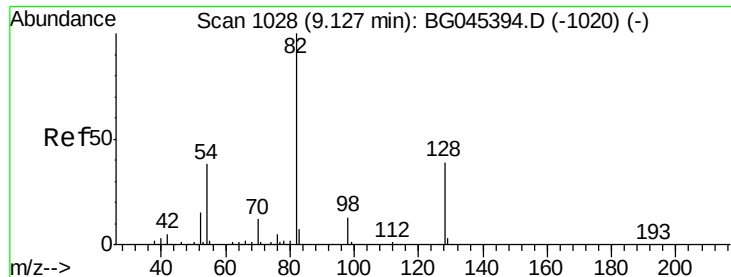
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

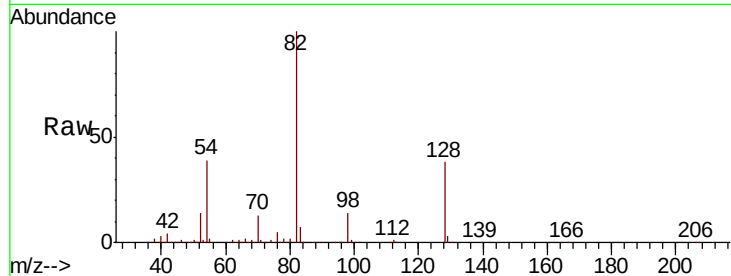




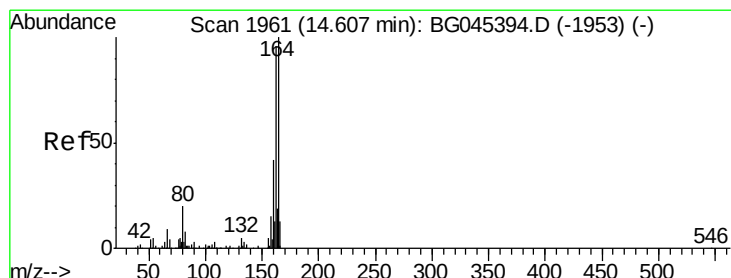
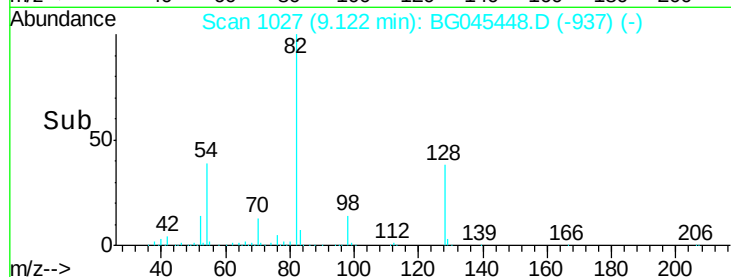
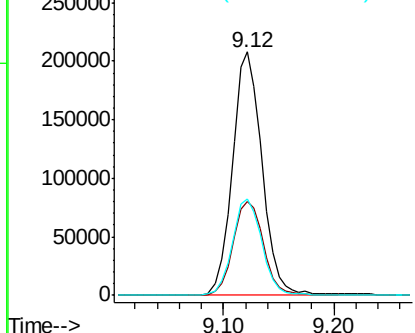
#23
Nitrobenzene-d5
Concen: 90.907 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Instrument :
BNA_G
ClientSampled :
239994

Tot Ion	82	Resp	390641
Ion Ratio	100	Lower	Upper
128	38.4	30.9	46.3
54	39.4	30.3	45.5

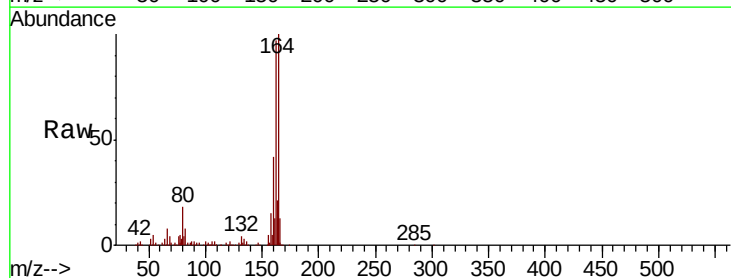


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

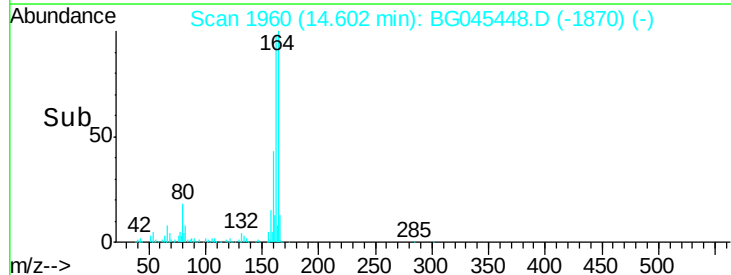
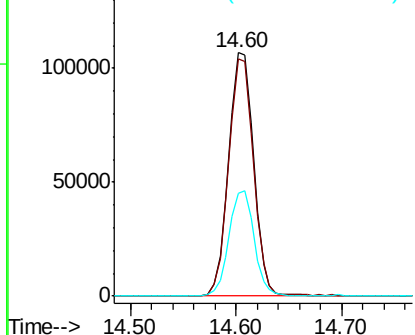


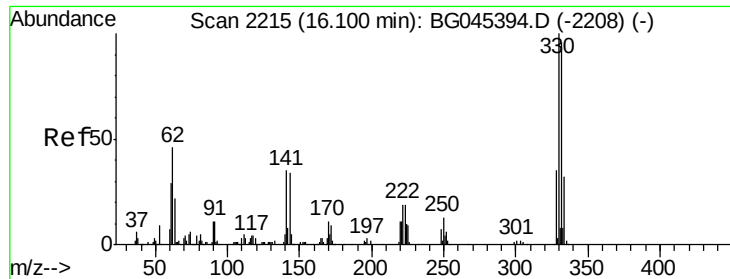
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Tgt Ion	164	Resp	174943
Ion Ratio	100	Lower	Upper
162	97.4	76.9	115.3
160	42.1	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

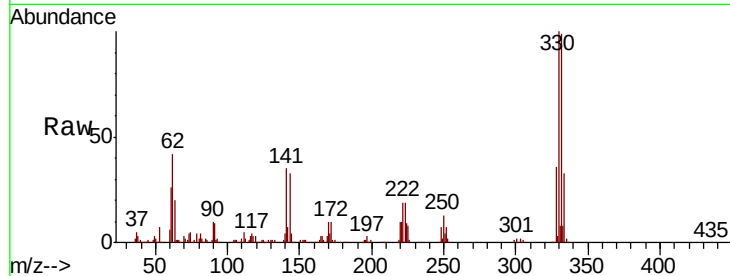




#42
 2,4,6-Tribromophenol
 Concen: 145.426 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampled :
 239994

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	34.3	28.2	42.4

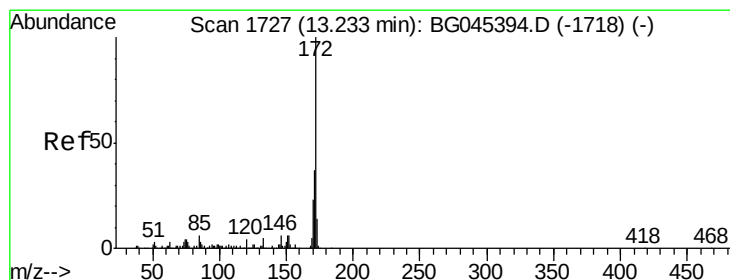
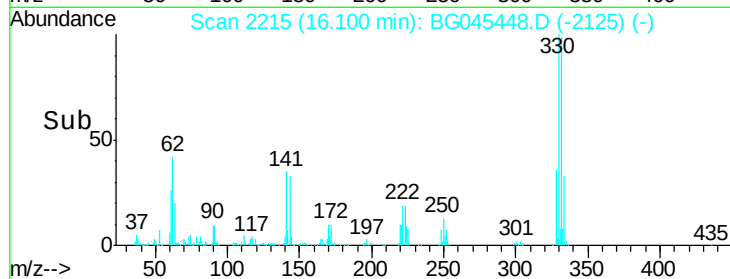
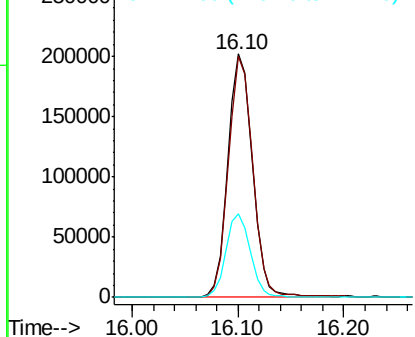


Abundance

Ion 329.80 (329.50 to 330.50): E

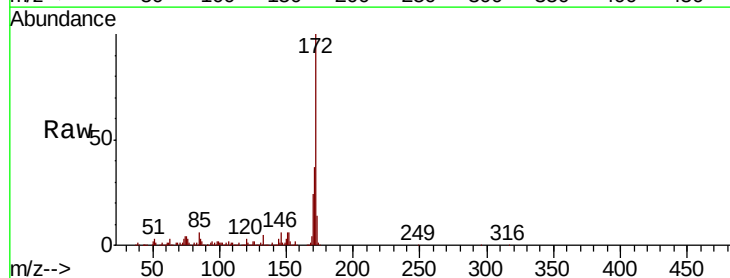
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.936 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.3	18.5	27.7

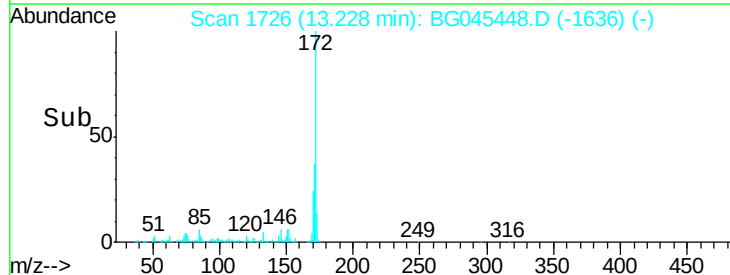
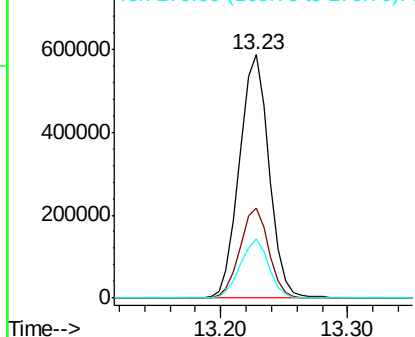


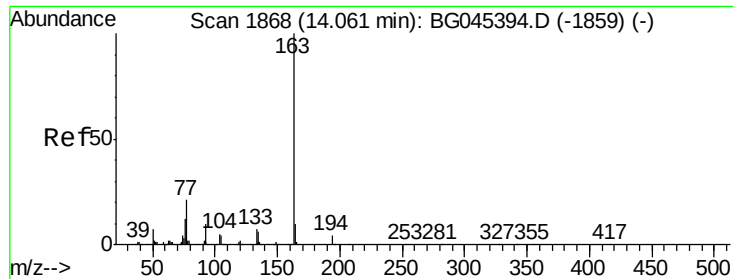
Abundance

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: 6.889 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

239994

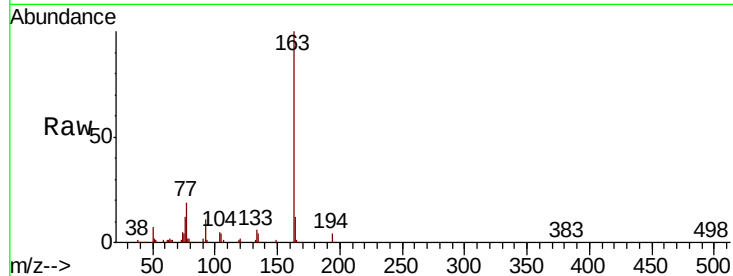
Tot Ion:163 Resp: 82677

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

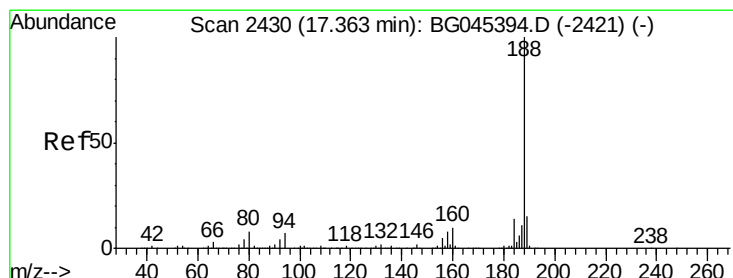
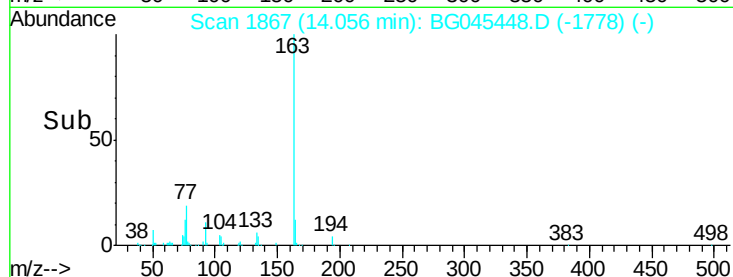
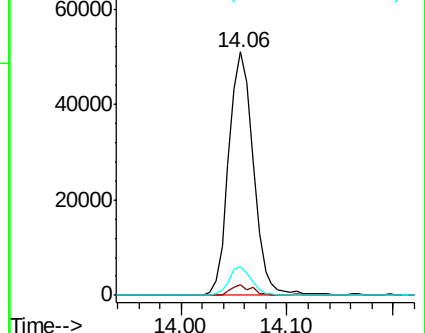
164 11.5 8.3 12.5



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: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

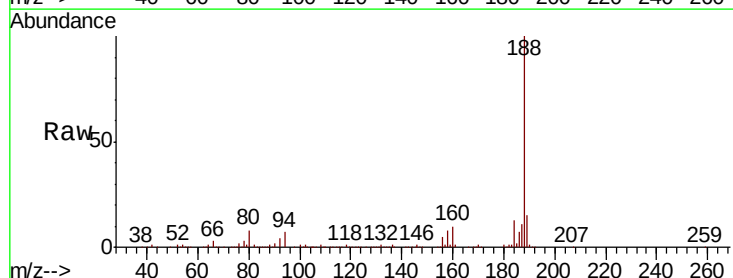
Tgt Ion:188 Resp: 432195

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

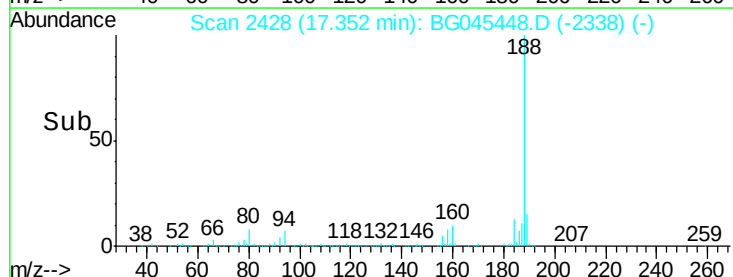
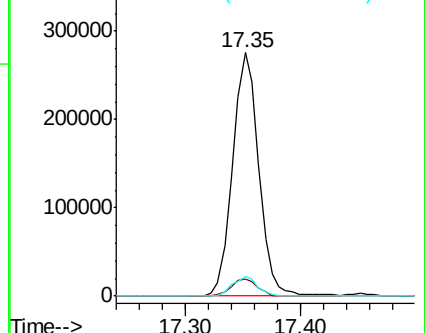
80 8.0 6.6 10.0

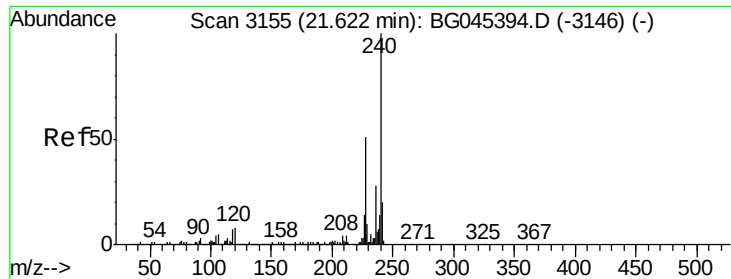


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

239994

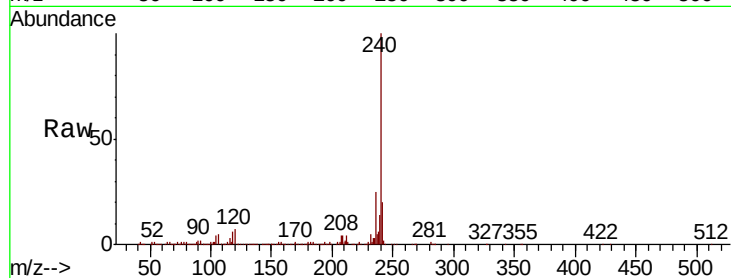
Tot Ion:240 Resp: 440348

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

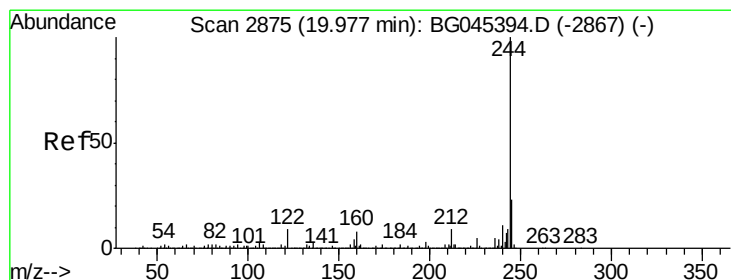
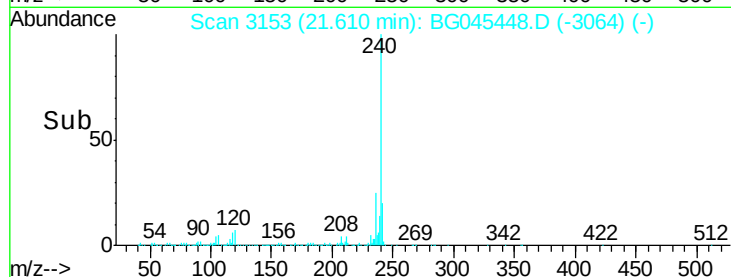
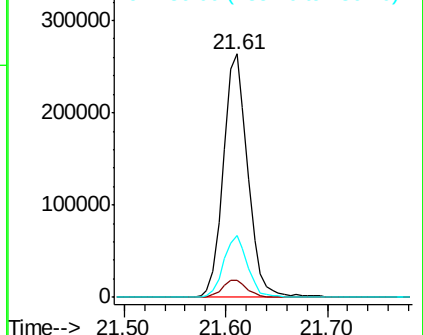
236 25.5 22.3 33.5



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: 95.954 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

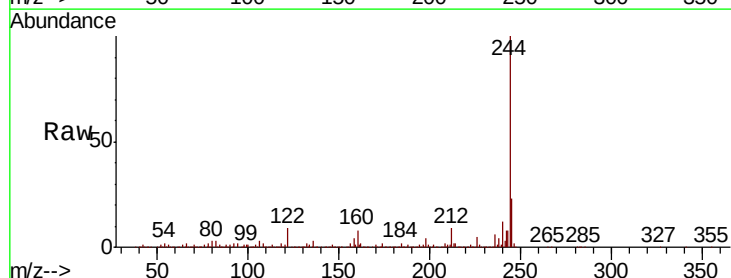
Tgt Ion:244 Resp: 1811644

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

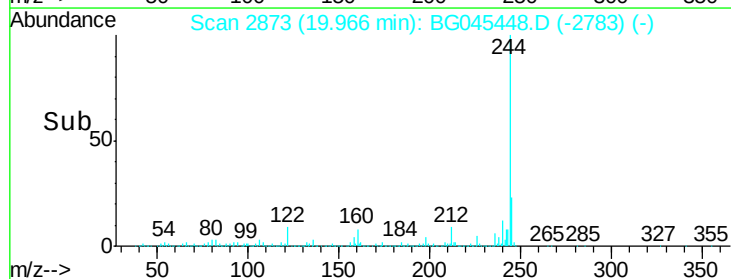
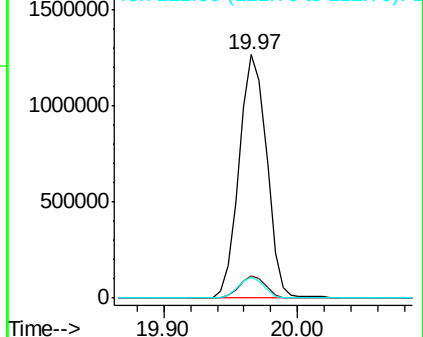
122 8.7 6.8 10.2

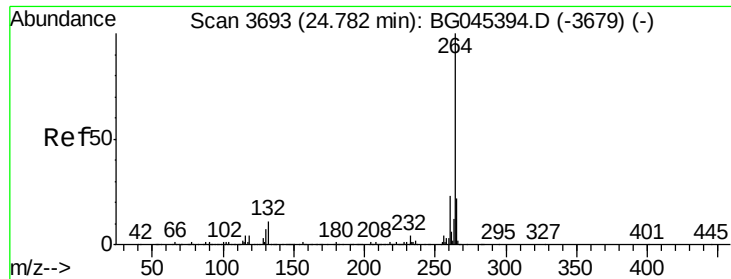


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.76 min Scan# 3689
 Delta R.T. -0.01 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampleId :
 239994

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.6	26.4

