

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045351.D
 Acq On : 13 May 2020 7:03
 Operator : CG/JU
 Sample : L2592-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0361-FIELD-BLANK

Quant Time: May 13 07:42:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

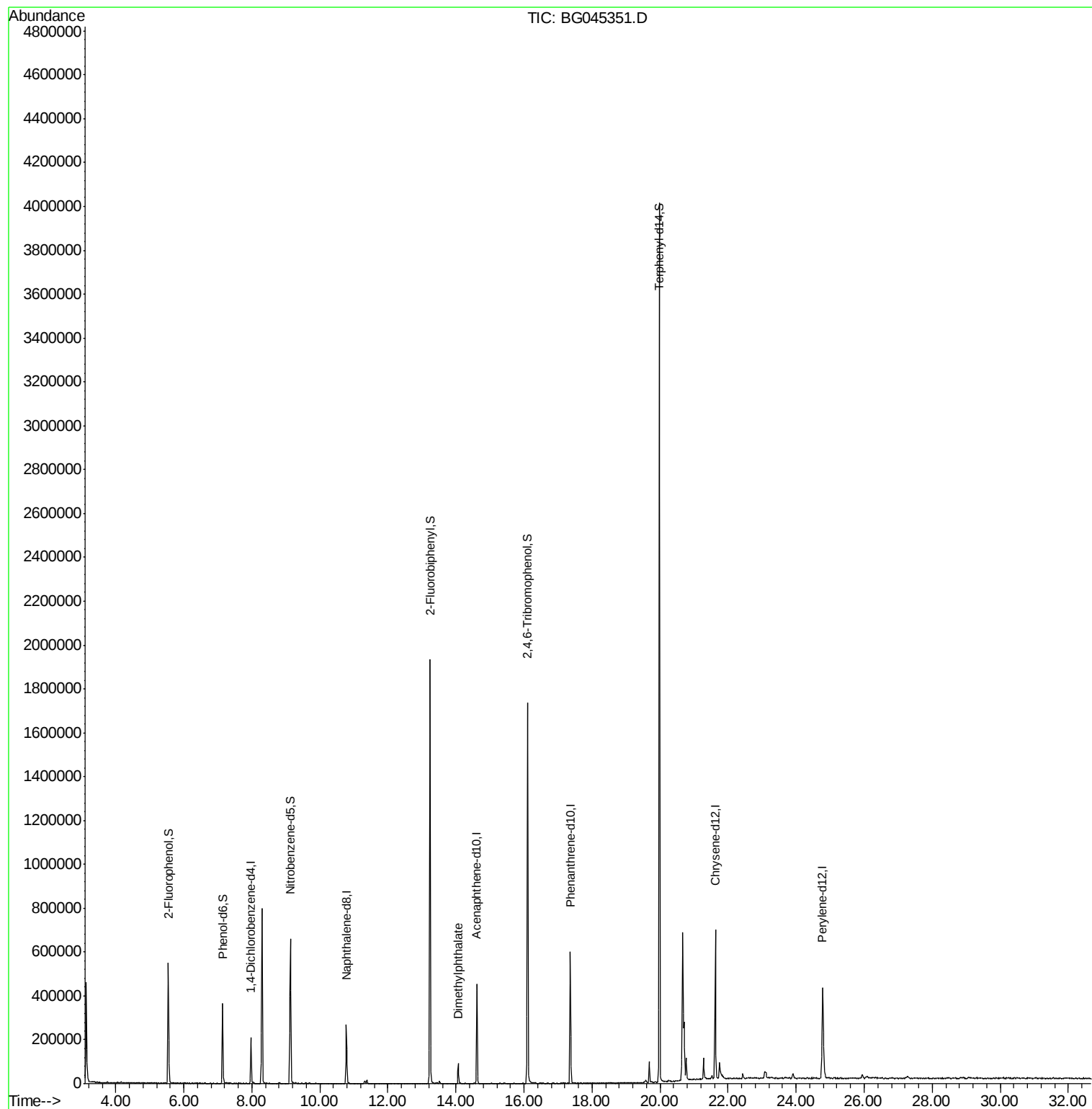
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	61487	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	241452	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	166036	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	416954	20.00	ng	0.00
76) Chrysene-d12	21.62	240	427865	20.00	ng	0.00
87) Perylene-d12	24.78	264	458529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	267933	71.94	ng	0.00
7) Phenol-d6	7.14	99	247635	44.75	ng	0.00
23) Nitrobenzene-d5	9.13	82	457884	86.53	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	363604	141.75	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1045502	92.33	ng	0.00
79) Terphenyl-d14	19.98	244	1974343	100.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	66151	4.893	ng	Qvalue 99

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

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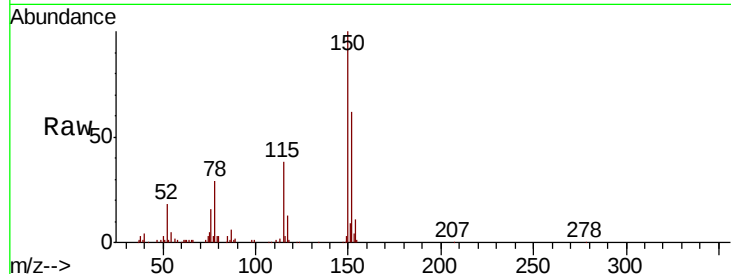


#1

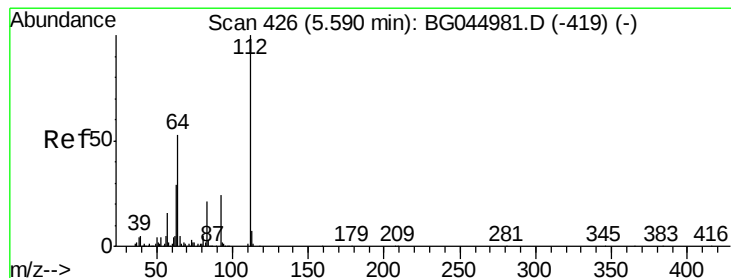
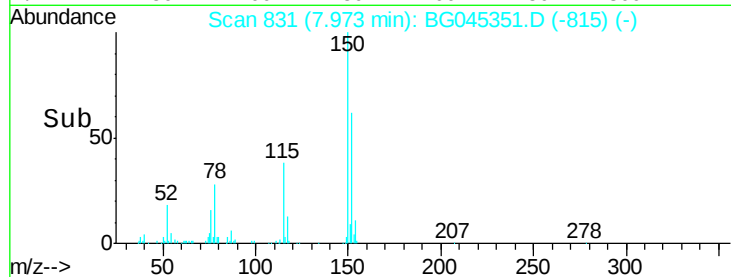
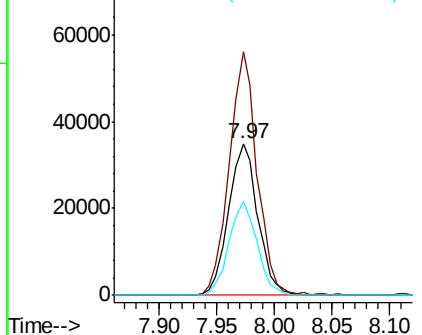
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045351.D
Acq: 13 May 2020 7:03

Instrument :
BNA_G
ClientSampleId :
0361-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.6	185.4
115	61.5	49.1	73.7



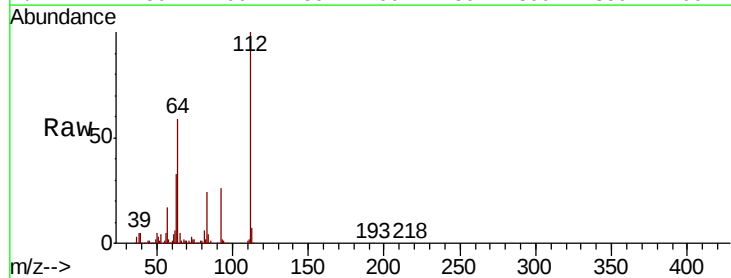
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



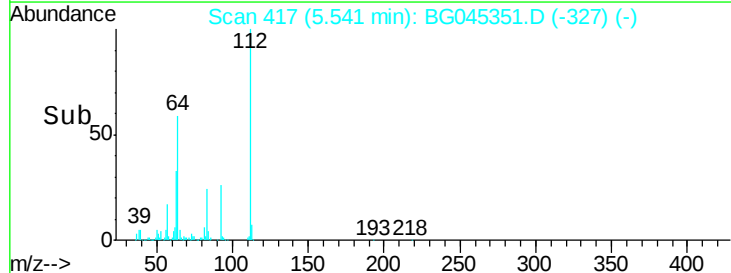
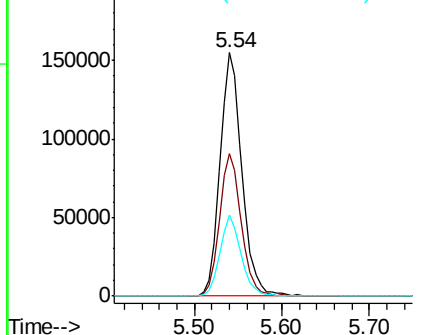
#5

2-Fluorophenol
Concen: 71.941 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045351.D
Acq: 13 May 2020 7:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	42.4	63.6
63	33.3	23.1	34.7



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: 44.752 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045351.D

Acq: 13 May 2020 7:03

Instrument :

BNA_G

ClientSampleId :

0361-FIELD-BLANK

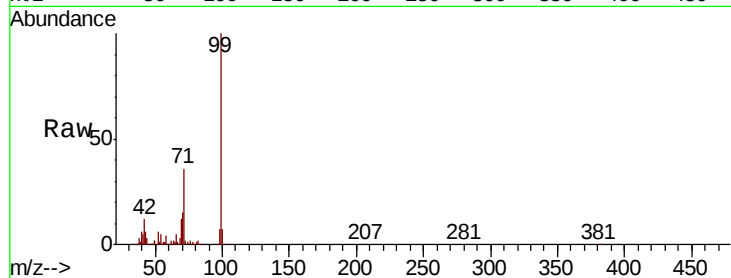
Tot Ion: 99 Resp: 247635

Ion Ratio Lower Upper

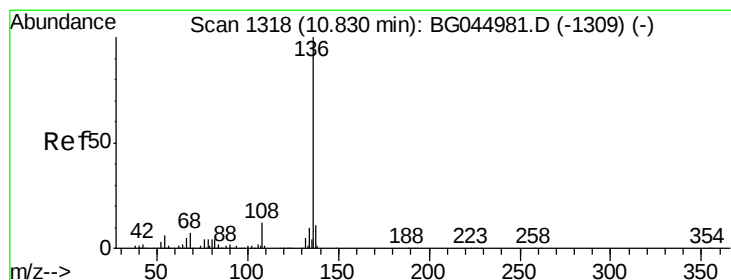
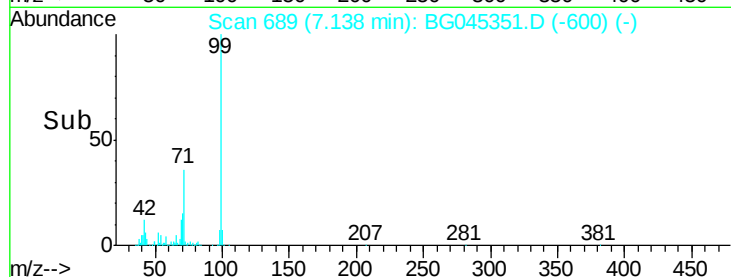
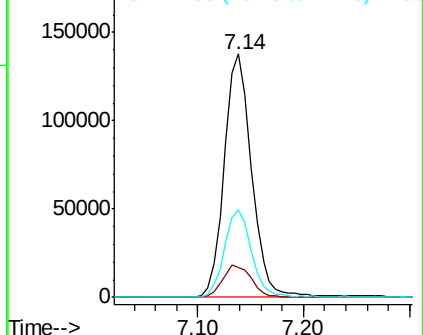
99 100

42 12.4 11.3 16.9

71 35.9 28.3 42.5



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: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045351.D

Acq: 13 May 2020 7:03

Tgt Ion: 136 Resp: 241452

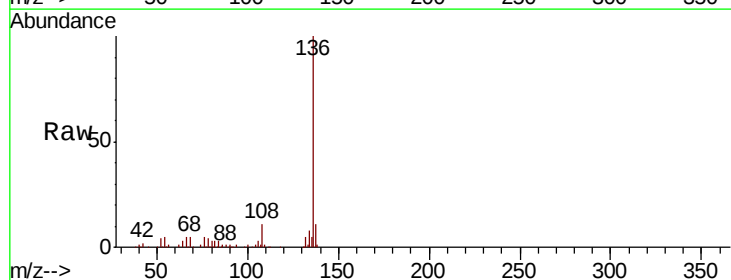
Ion Ratio Lower Upper

136 100

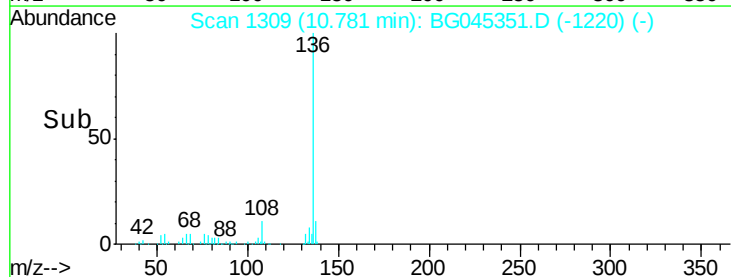
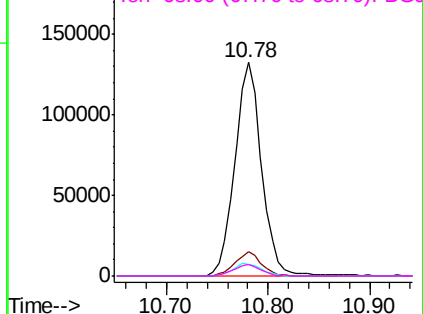
137 11.1 8.6 13.0

54 5.4 4.8 7.2

68 5.2 5.2 7.8#



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

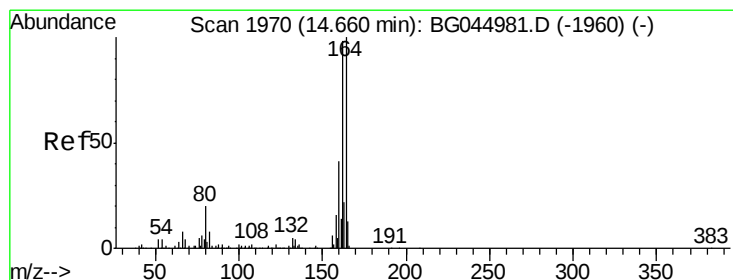
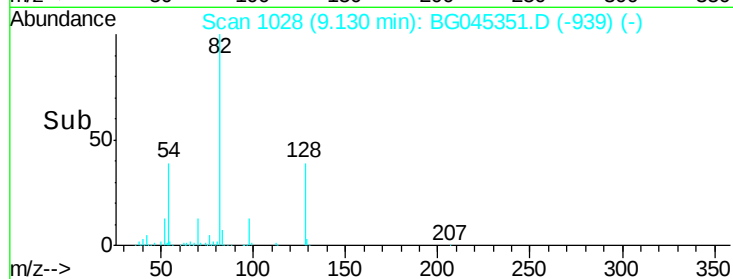
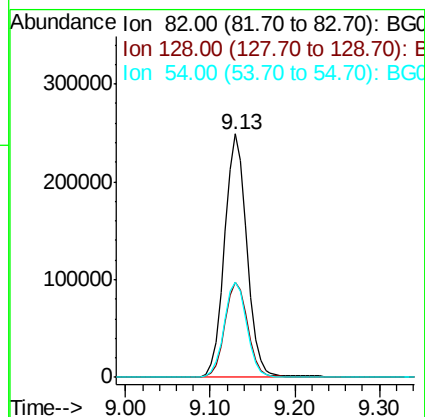
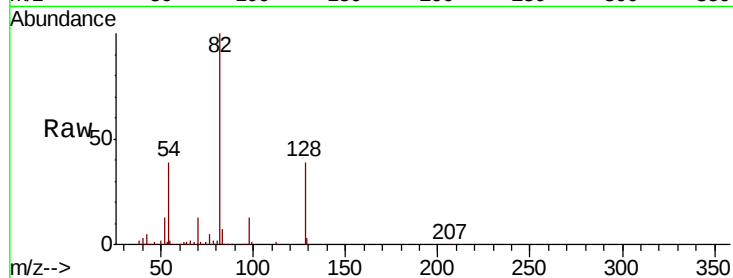




#23
 Nitrobenzene-d5
 Concen: 86.529 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045351.D
 Acq: 13 May 2020 7:03

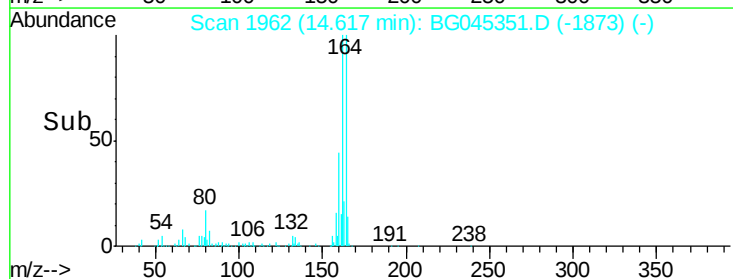
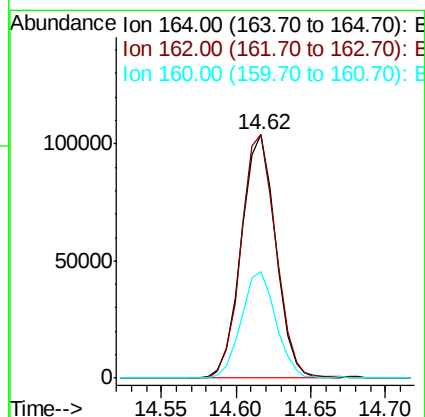
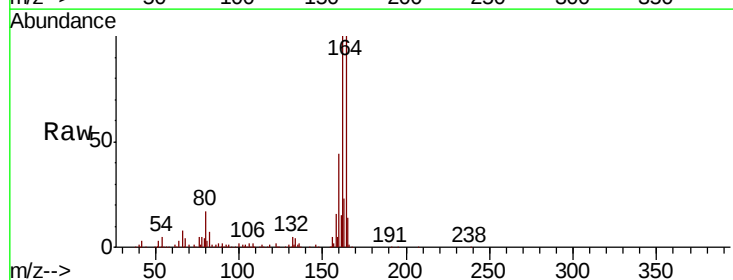
Instrument :
 BNA_G
 ClientSampleId :
 0361-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.4
54	39.3	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045351.D
 Acq: 13 May 2020 7:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	43.8	32.8	49.2

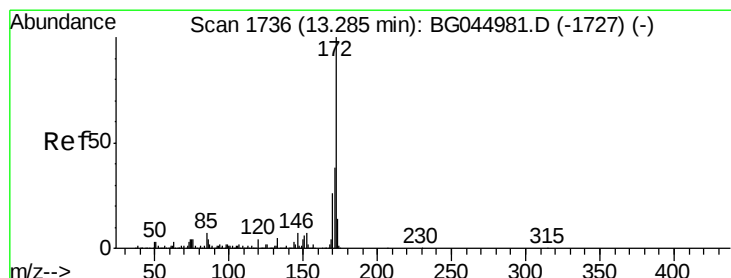
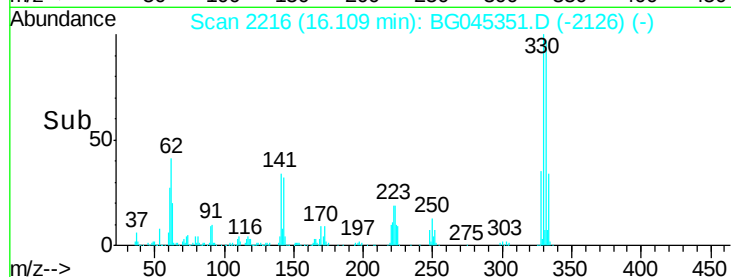
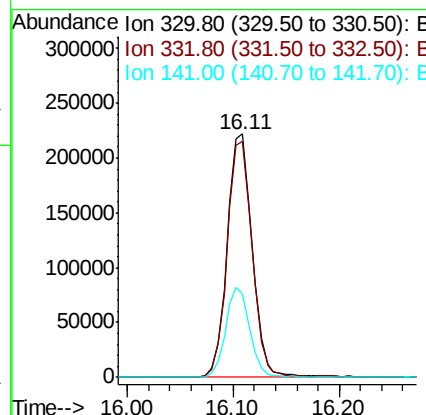
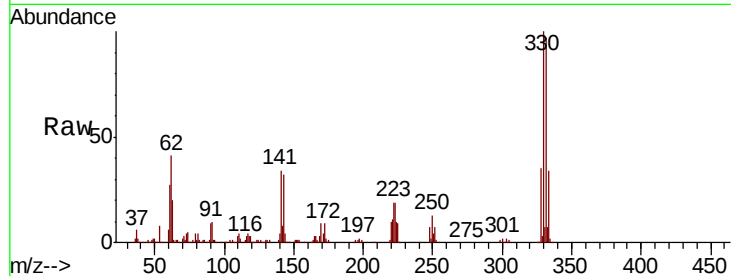




#42
 2,4,6-Tribromophenol
 Concen: 141.754 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG045351.D
 Acq: 13 May 2020 7:03

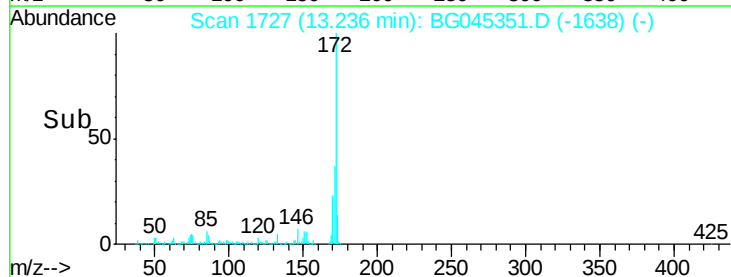
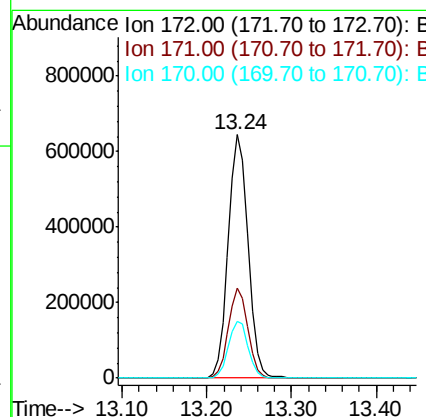
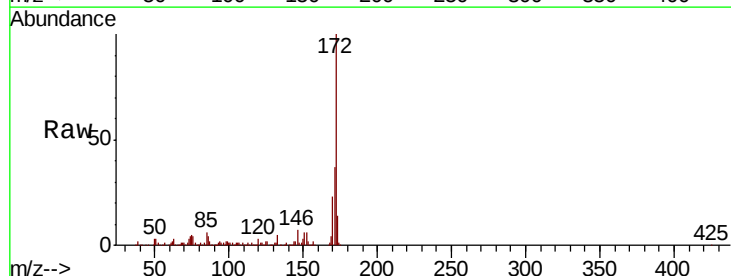
Instrument :
 BNA_G
 ClientSampleId :
 0361-FIELD-BLANK

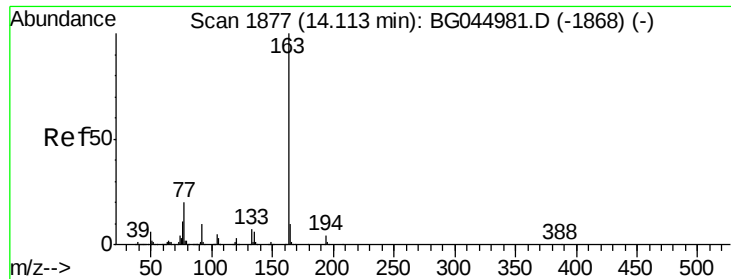
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	36.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 92.332 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045351.D
 Acq: 13 May 2020 7:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	23.3	20.5	30.7





#50

Dimethylphthalate

Concen: 4.893 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045351.D

Acq: 13 May 2020 7:03

Instrument :

BNA_G

ClientSampleId :

0361-FIELD-BLANK

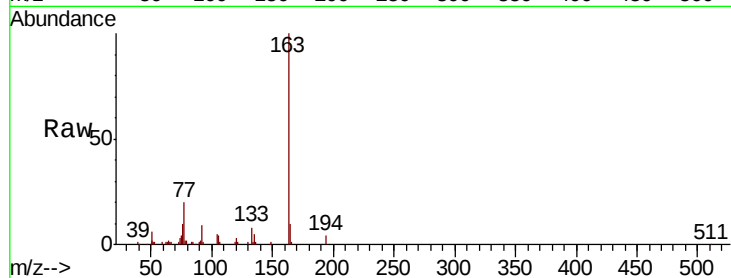
Tot Ion:163 Resp: 66151

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

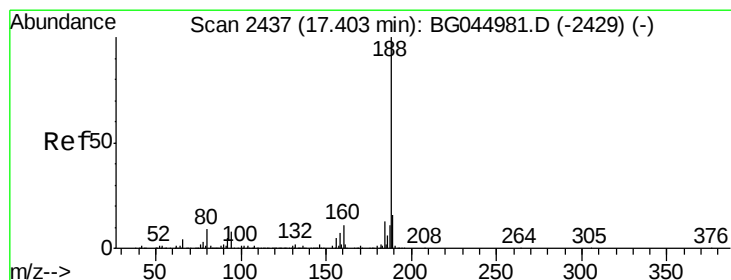
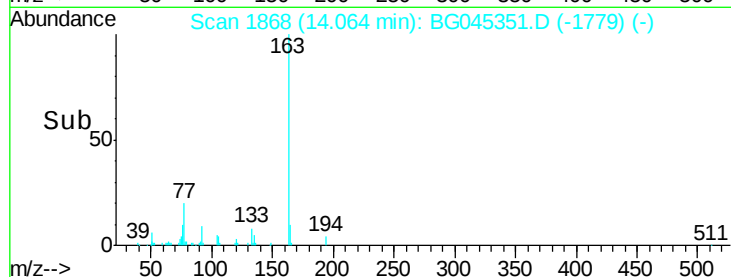
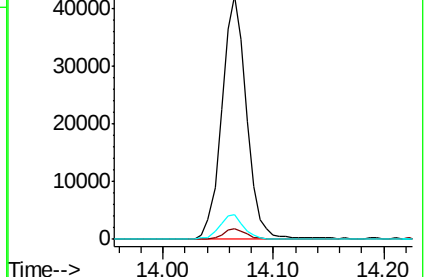
164 9.9 8.2 12.4



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. -0.01 min

Lab File: BG045351.D

Acq: 13 May 2020 7:03

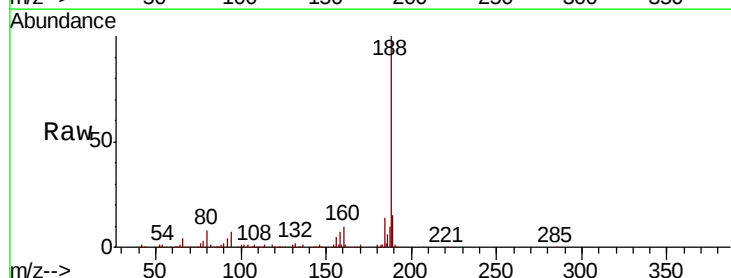
Tgt Ion:188 Resp: 416954

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

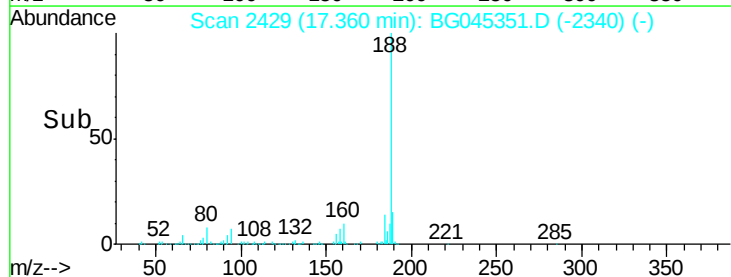
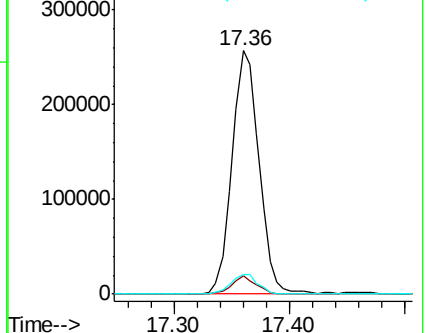
80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

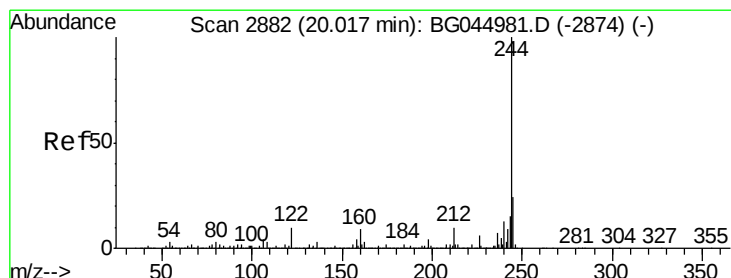
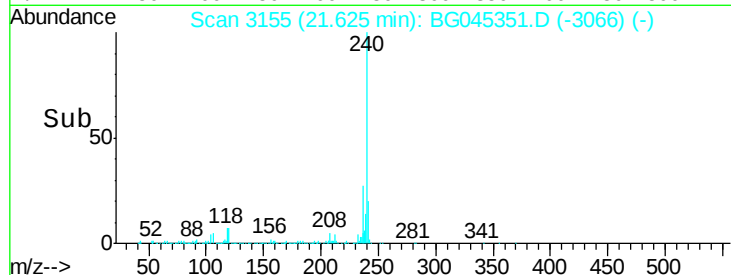
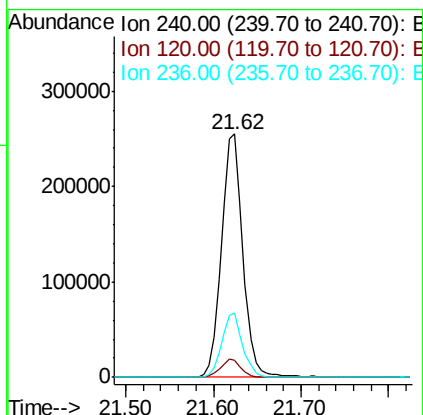
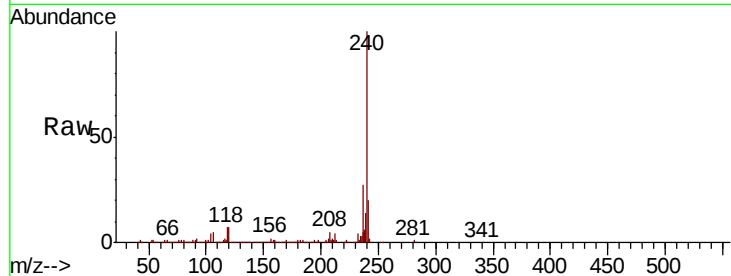




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045351.D
Acq: 13 May 2020 7:03

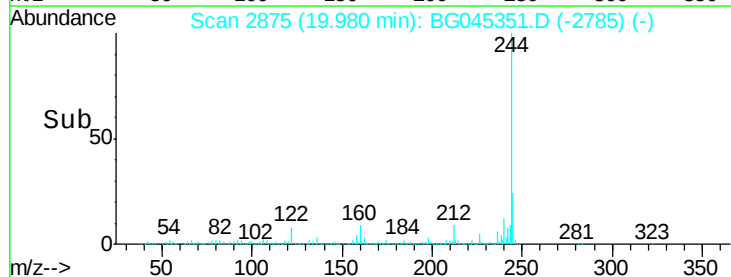
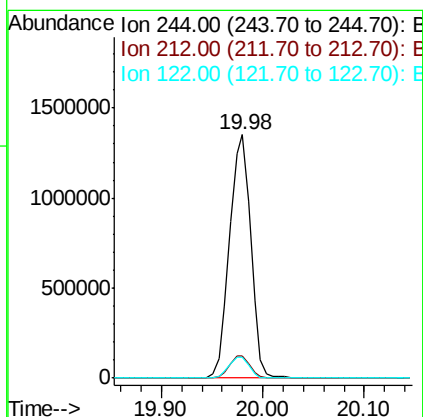
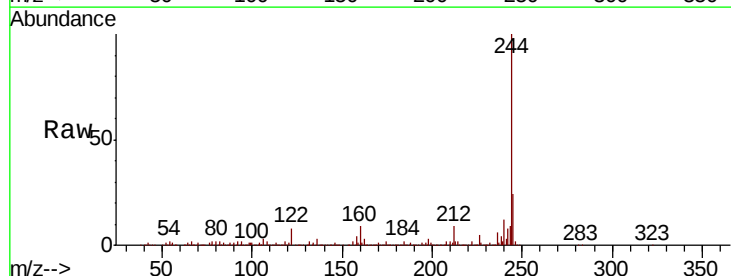
Instrument :
BNA_G
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Tot Ion:240 Resp: 427865
Ion Ratio Lower Upper
240 100
120 6.8 6.6 10.0
236 26.6 22.2 33.2



#79
Terphenyl-d14
Concen: 100.574 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BG045351.D
Acq: 13 May 2020 7:03

Tgt Ion:244 Resp: 1974343
Ion Ratio Lower Upper
244 100
212 9.3 7.9 11.9
122 8.4 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG045351.D
Acq: 13 May 2020 7:03

Instrument :
BNA_G
ClientSampleId :
0361-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	19.0	28.4

