

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045067.D
 Acq On : 18 Apr 2020 15:03
 Operator : CG/JU
 Sample : L2283-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-1

Quant Time: Apr 20 03:29:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

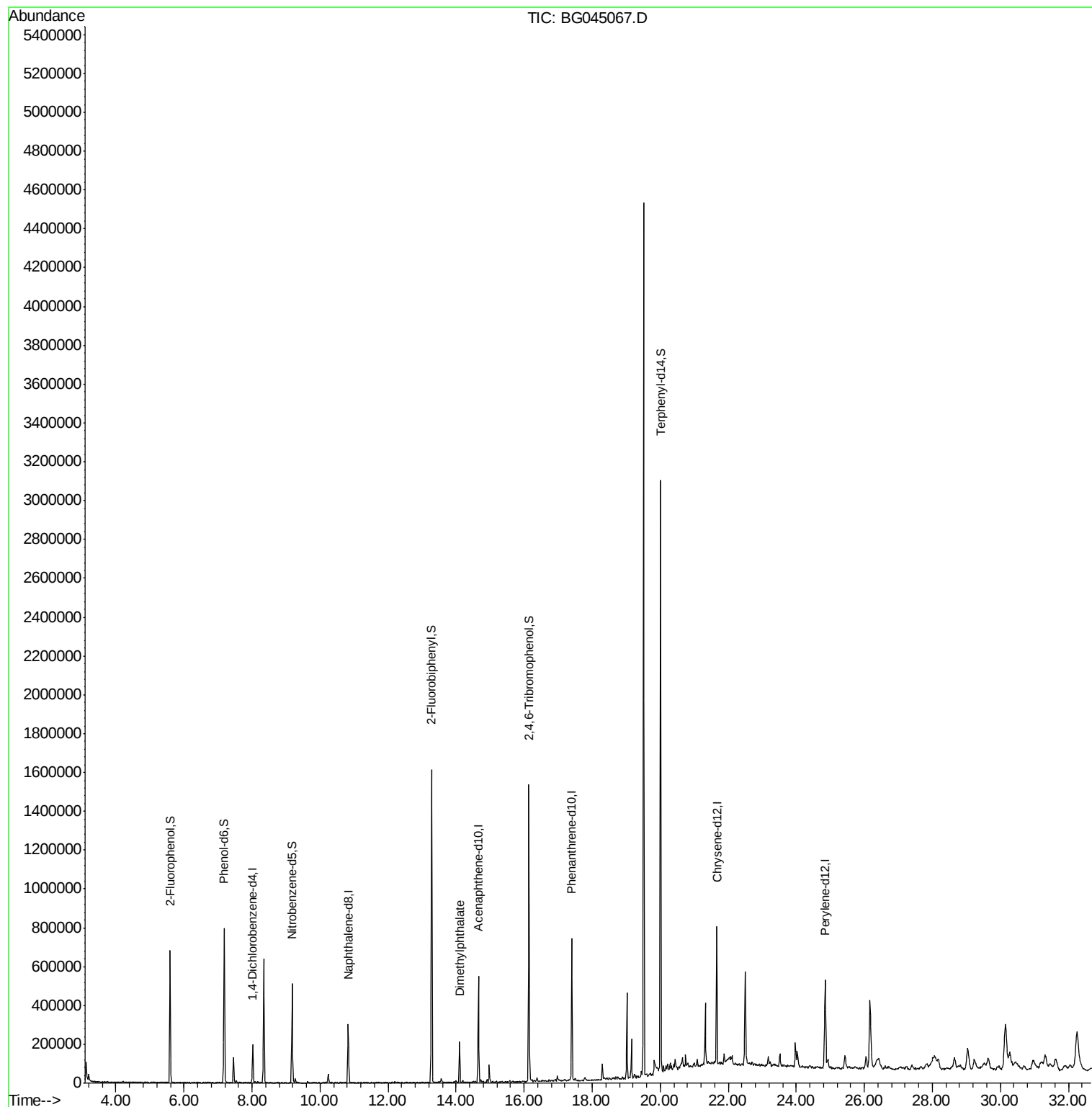
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	58630	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	262919	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	201467	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	495025	20.00	ng	0.00
76) Chrysene-d12	21.66	240	456934	20.00	ng	0.00
87) Perylene-d12	24.85	264	491252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	332214	93.55	ng	0.00
7) Phenol-d6	7.18	99	519431	98.45	ng	0.00
23) Nitrobenzene-d5	9.18	82	353822	61.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	315362	101.32	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	887376	64.59	ng	0.00
79) Terphenyl-d14	20.01	244	1488194	70.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	145669	8.880	ng	Qvalue 100

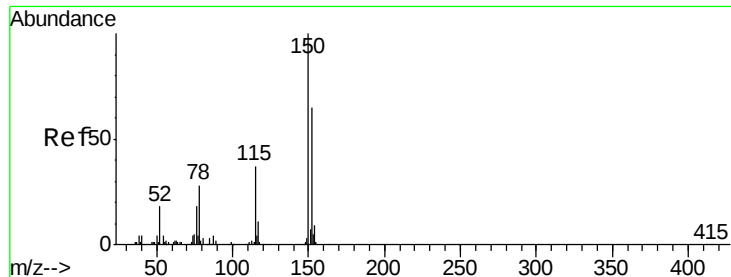
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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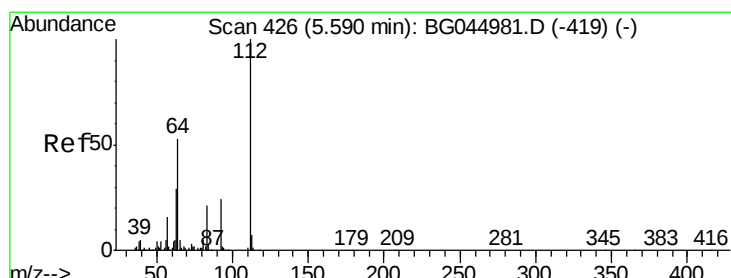
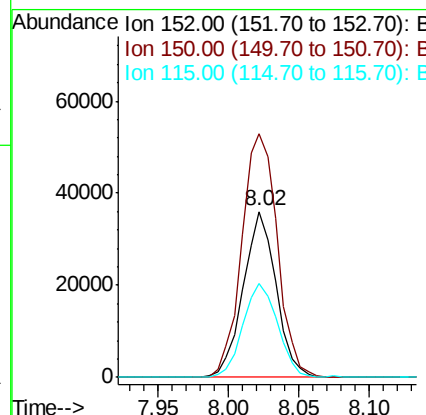
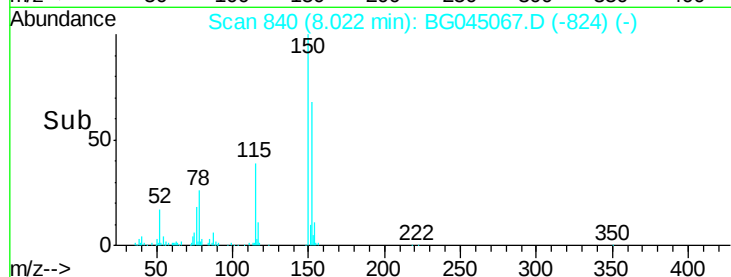
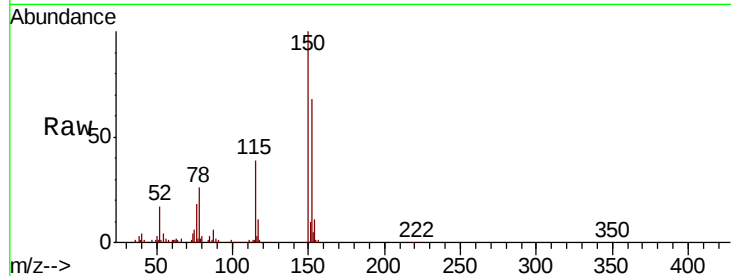




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045067.D
 Acq: 18 Apr 2020 15:03

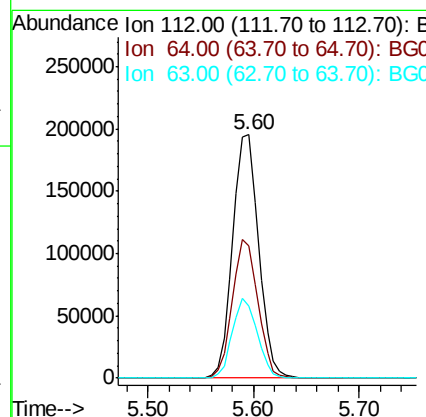
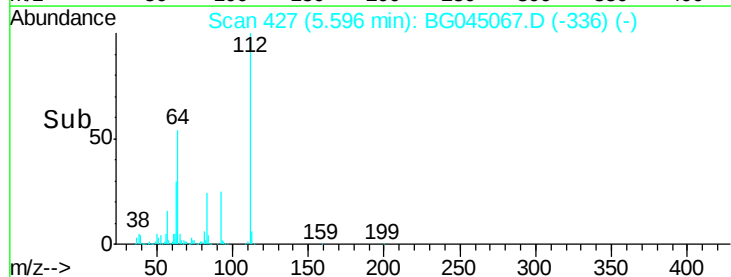
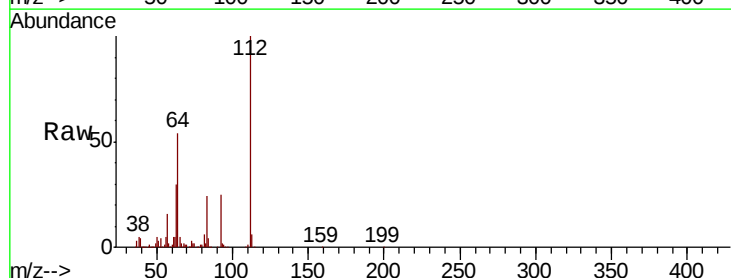
Instrument :
 BNA_G
 ClientSampleId :
 PA-1

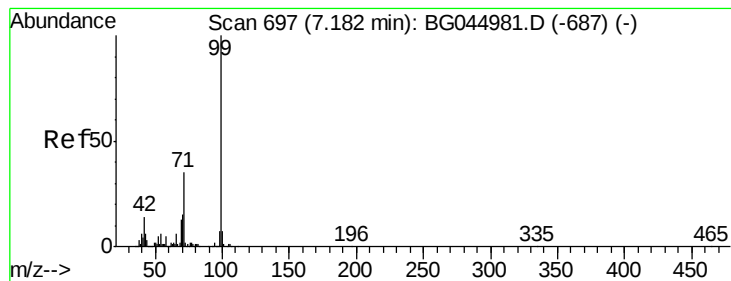
Tot Ion:152	Resp:	58630
Ion Ratio	Lower	Upper
152	100	
150	146.6	123.6 185.4
115	56.6	49.1 73.7



#5
 2-Fluorophenol
 Concen: 93.547 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045067.D
 Acq: 18 Apr 2020 15:03

Tgt Ion:112	Resp:	332214
Ion Ratio	Lower	Upper
112	100	
64	54.1	42.4 63.6
63	29.6	23.1 34.7





#7

Phenol-d6

Concen: 98.445 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045067.D

Acq: 18 Apr 2020 15:03

Instrument :

BNA_G

ClientSampleId :

PA-1

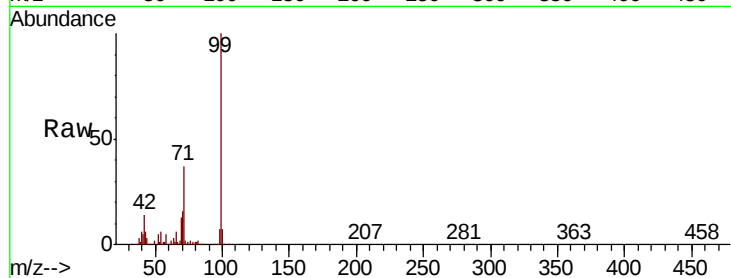
Tot Ion: 99 Resp: 519431

Ion Ratio Lower Upper

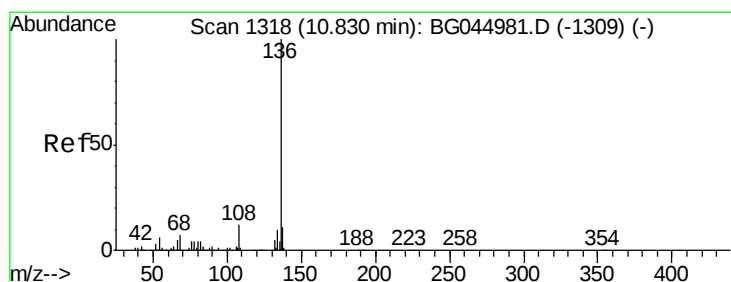
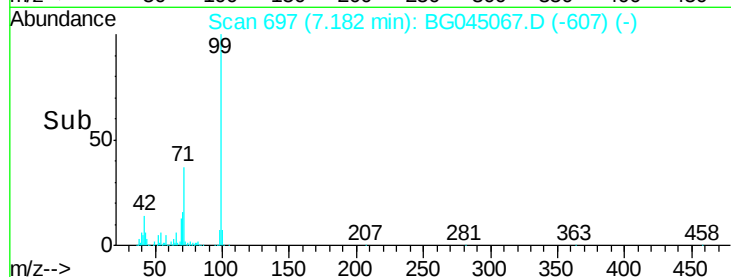
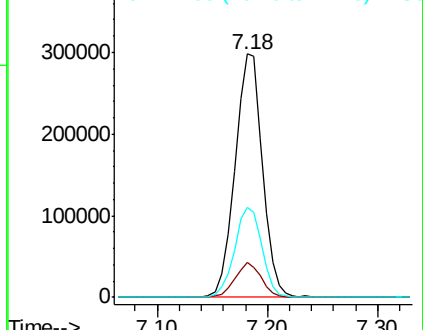
99 100

42 14.2 11.3 16.9

71 37.2 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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045067.D

Acq: 18 Apr 2020 15:03

Tgt Ion: 136 Resp: 262919

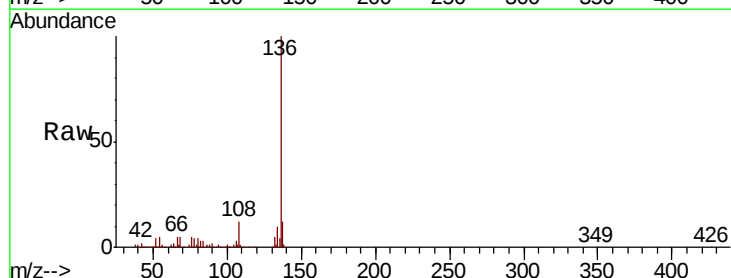
Ion Ratio Lower Upper

136 100

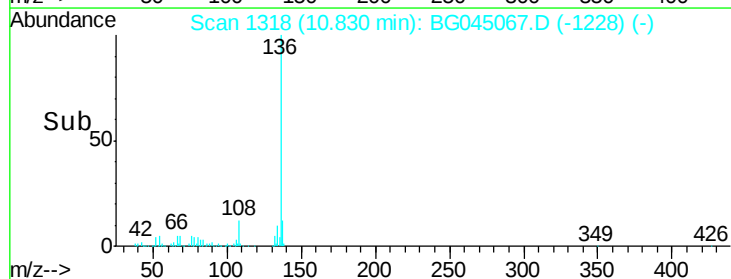
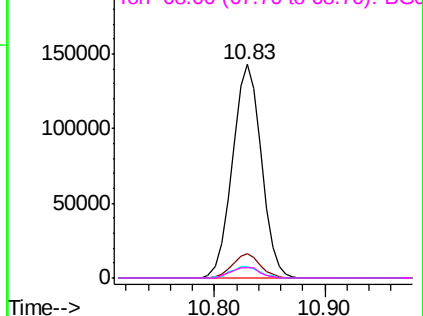
137 11.6 8.6 13.0

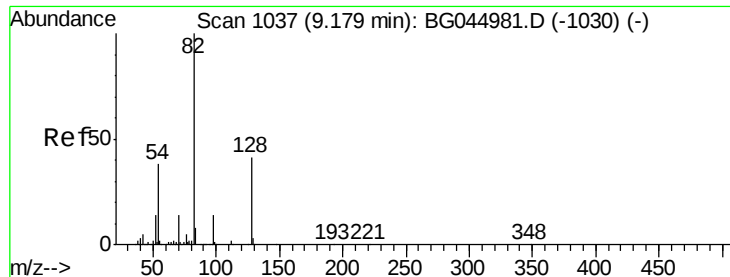
54 5.4 4.8 7.2

68 5.0 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

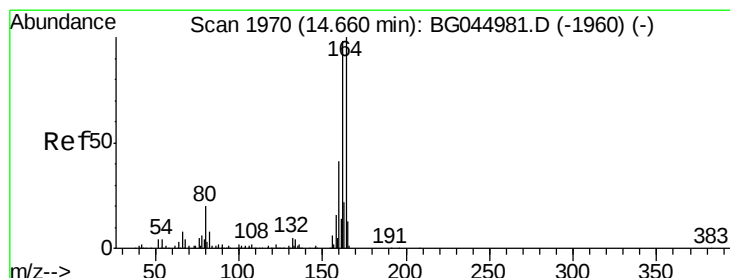
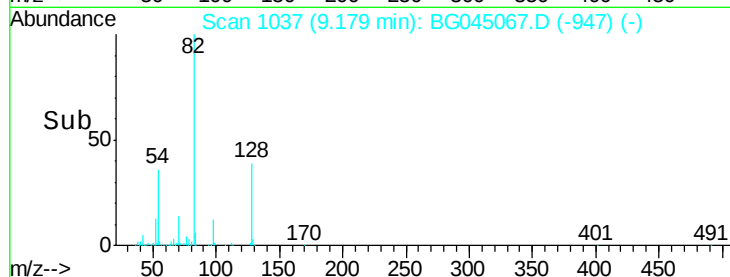
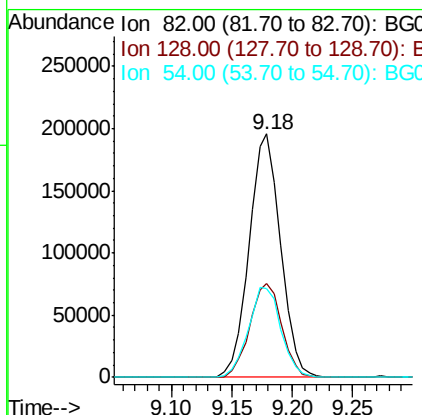
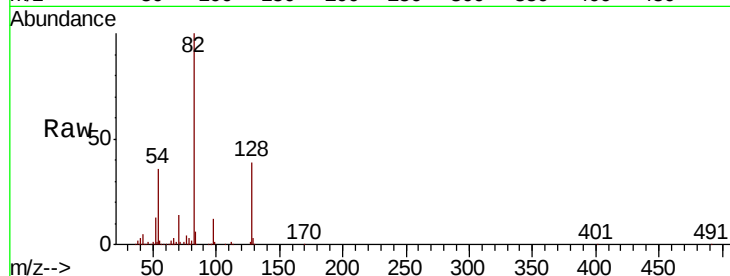




#23
Nitrobenzene-d5
Concen: 61.405 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045067.D
Acq: 18 Apr 2020 15:03

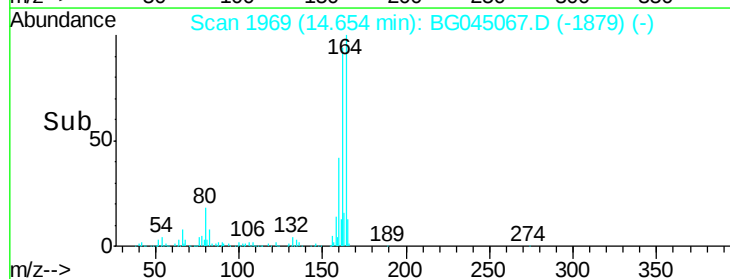
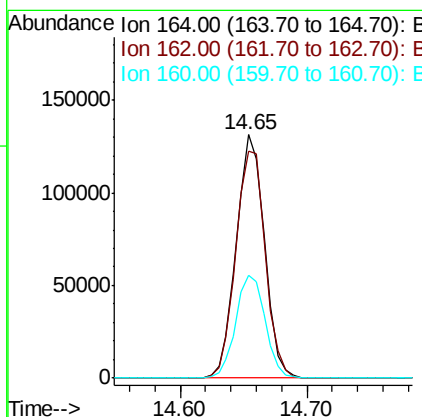
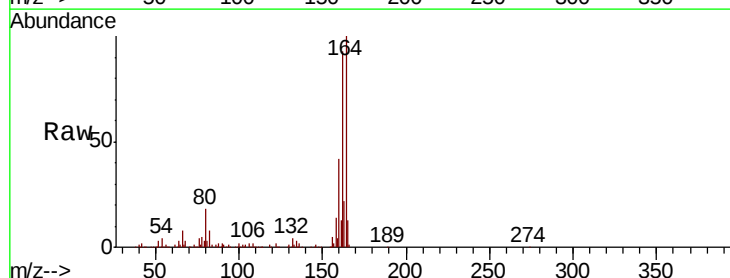
Instrument :
BNA_G
ClientSampled :
PA-1

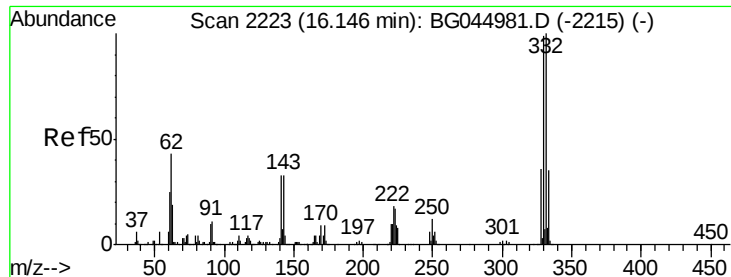
Tot Ion	82	Resp	353822
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.0	49.4
54	36.3	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045067.D
Acq: 18 Apr 2020 15:03

Tgt Ion	164	Resp	201467
Ion Ratio	Lower	Upper	
164	100		
162	93.2	78.7	118.1
160	42.0	32.8	49.2

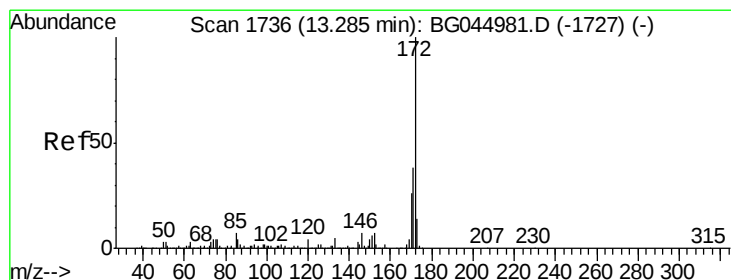
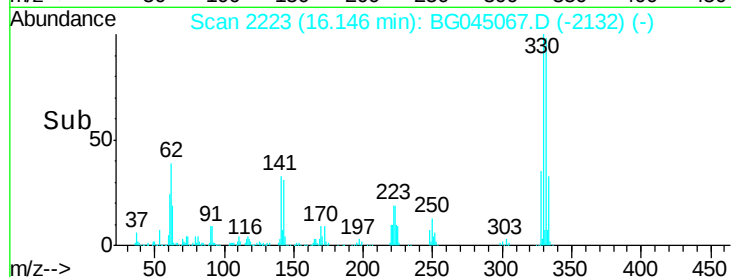
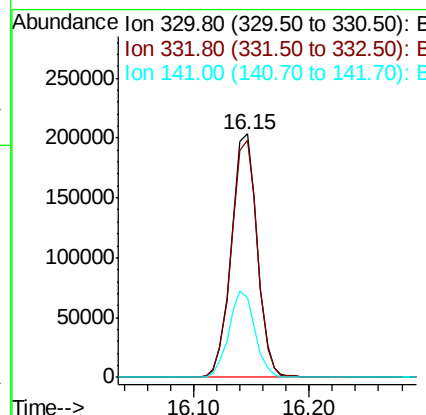
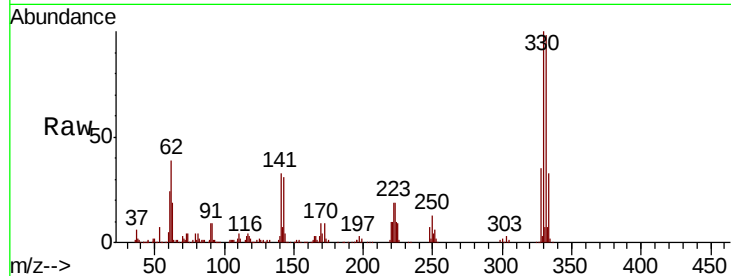




#42
 2,4,6-Tribromophenol
 Concen: 101.324 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045067.D
 Acq: 18 Apr 2020 15:03

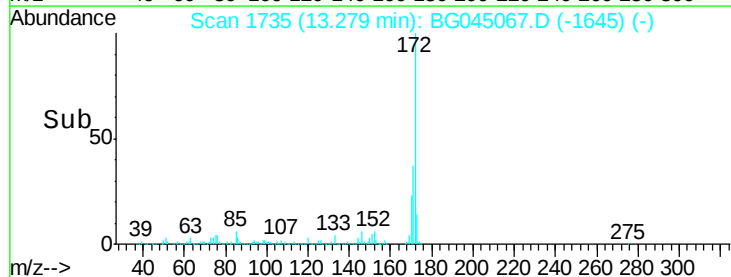
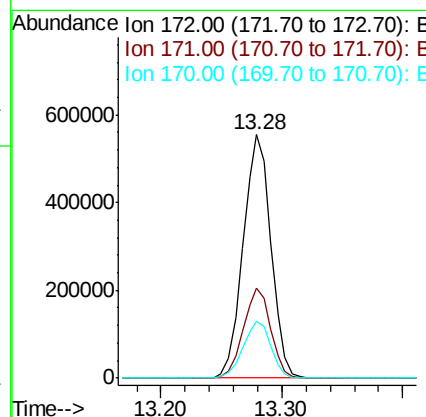
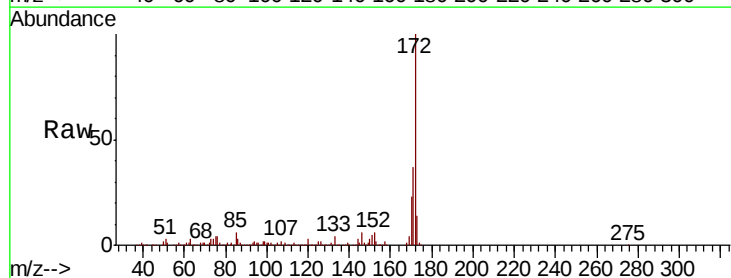
Instrument :
 BNA_G
 ClientSampled :
 PA-1

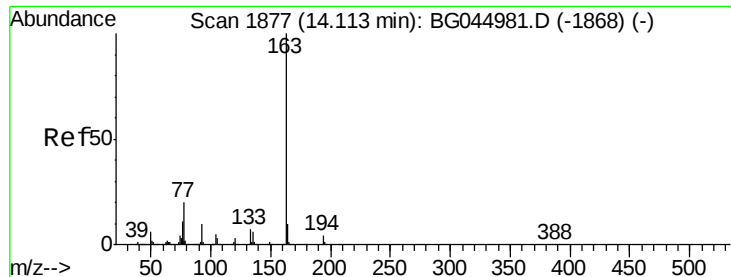
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	35.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 64.585 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045067.D
 Acq: 18 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	23.1	20.5	30.7

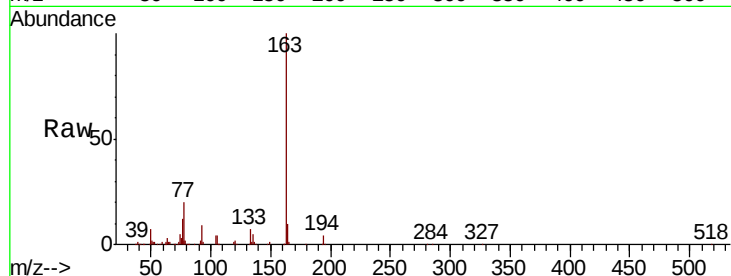




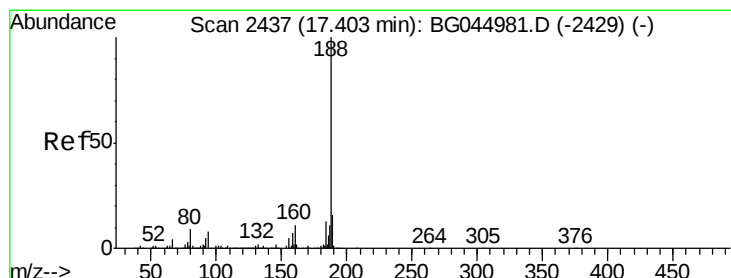
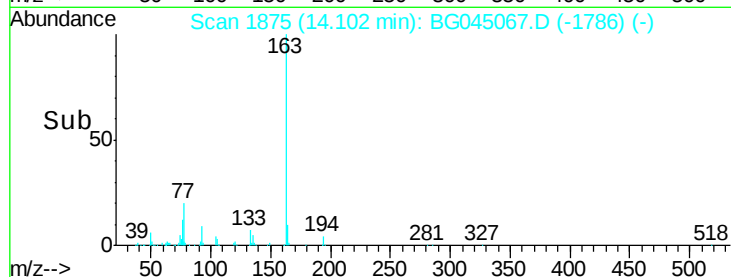
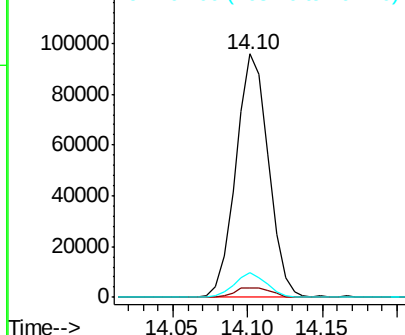
#50
Dimethylphthalate
Concen: 8.880 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045067.D
Acq: 18 Apr 2020 15:03

Instrument :
BNA_G
ClientSampleId :
PA-1

Tot Ion:163 Resp: 145669
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.2 8.2 12.4

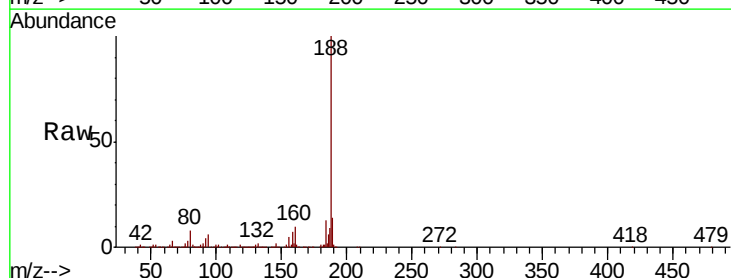


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

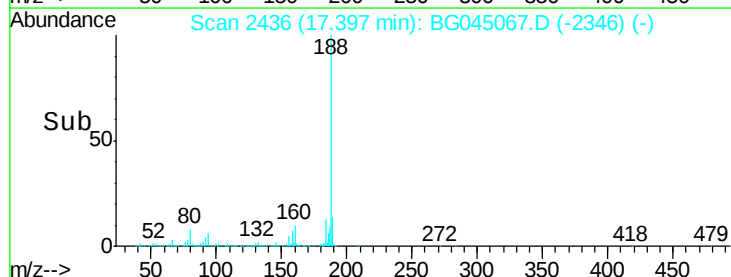
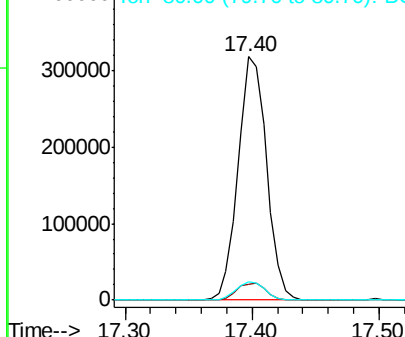


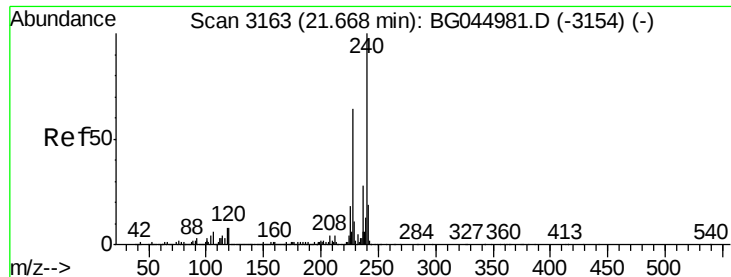
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045067.D
Acq: 18 Apr 2020 15:03

Tgt Ion:188 Resp: 495025
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.4
80 7.6 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045067.D

Acq: 18 Apr 2020 15:03

Instrument :

BNA_G

ClientSampleId :

PA-1

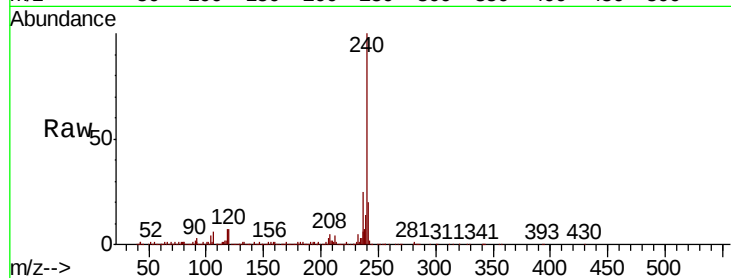
Tot Ion:240 Resp: 456934

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

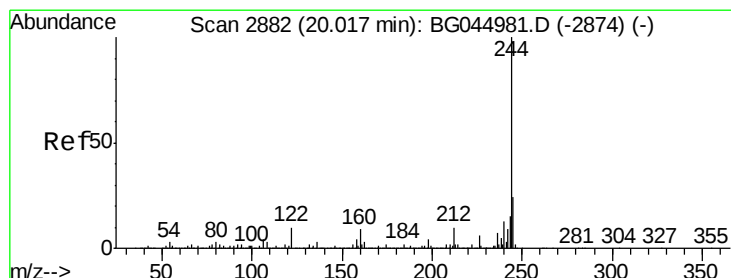
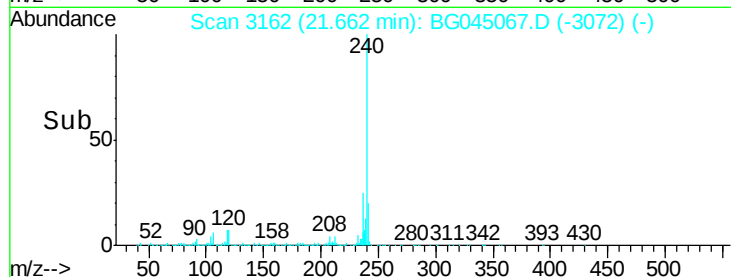
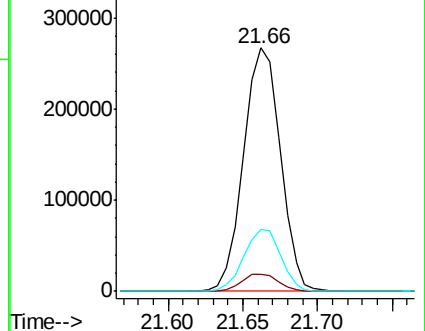
236 25.5 22.2 33.2



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: 70.987 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045067.D

Acq: 18 Apr 2020 15:03

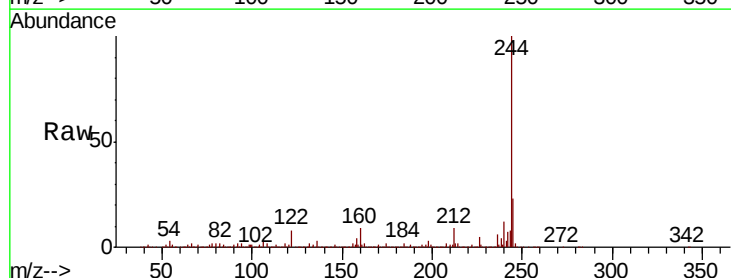
Tgt Ion:244 Resp: 1488194

Ion Ratio Lower Upper

244 100

212 9.1 7.9 11.9

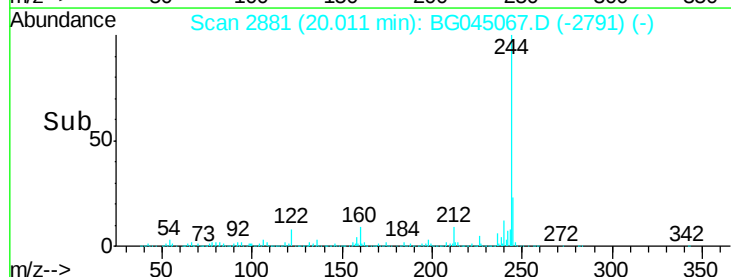
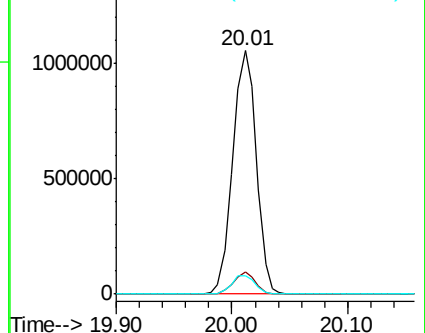
122 7.8 7.7 11.5

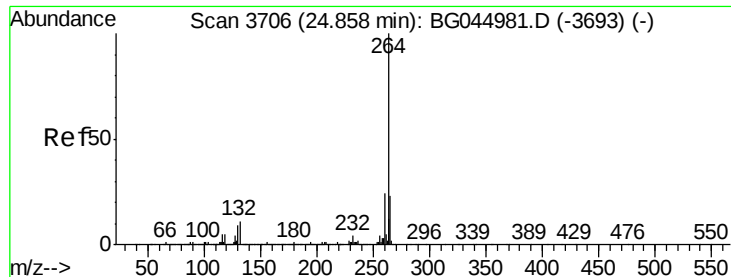


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

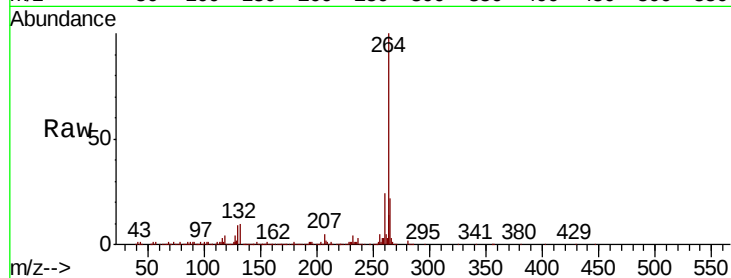




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG045067.D
 Acq: 18 Apr 2020 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	19.0	28.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

