

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045069.D
 Acq On : 18 Apr 2020 16:23
 Operator : CG/JU
 Sample : L2271-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-10

Quant Time: Apr 20 03:38:32 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

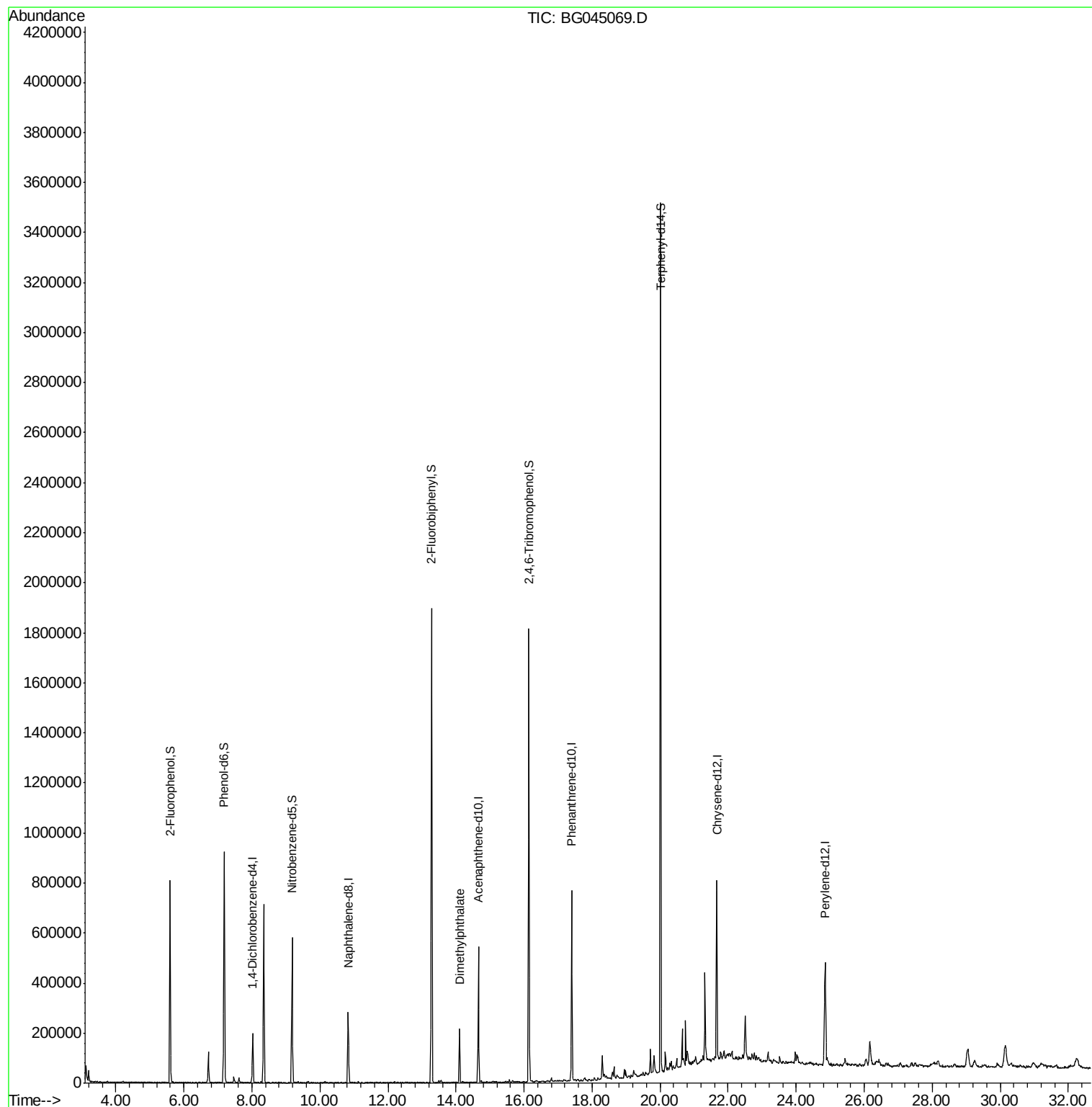
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57577	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	255452	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	201830	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	490158	20.00	ng	0.00
76) Chrysene-d12	21.66	240	439767	20.00	ng	0.00
87) Perylene-d12	24.85	264	474791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	388339	111.35	ng	0.00
7) Phenol-d6	7.18	99	597620	115.34	ng	0.00
23) Nitrobenzene-d5	9.18	82	398765	71.23	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	366972	117.69	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1015938	73.81	ng	0.00
79) Terphenyl-d14	20.01	244	1689310	83.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	139706	8.501	ng	Qvalue 97

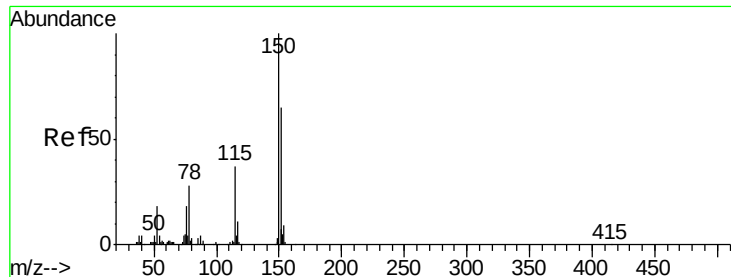
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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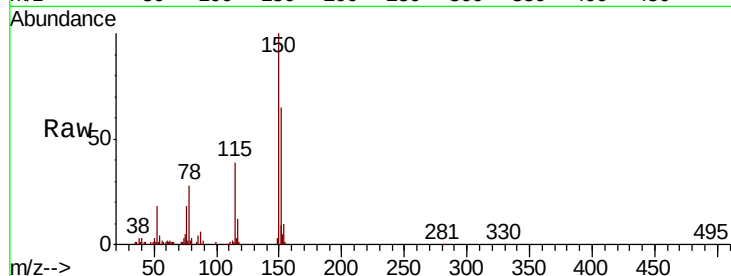


#1

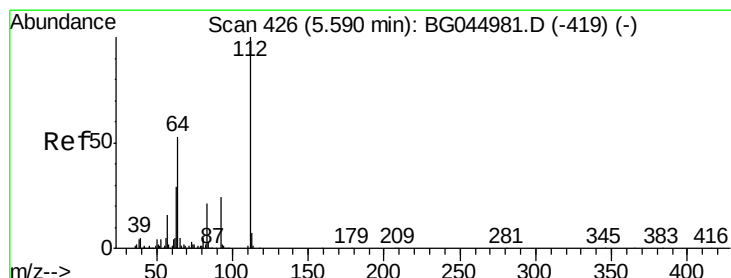
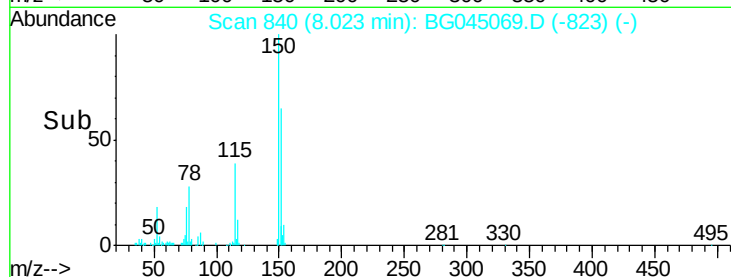
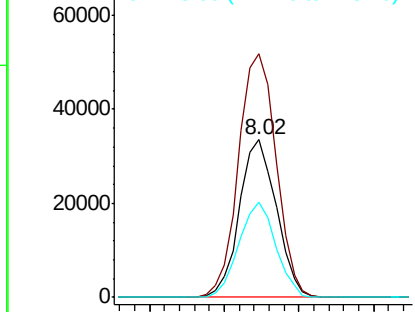
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

Instrument :
 BNA_G
 ClientSampleId :
 BG-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.6	185.4
115	60.2	49.1	73.7



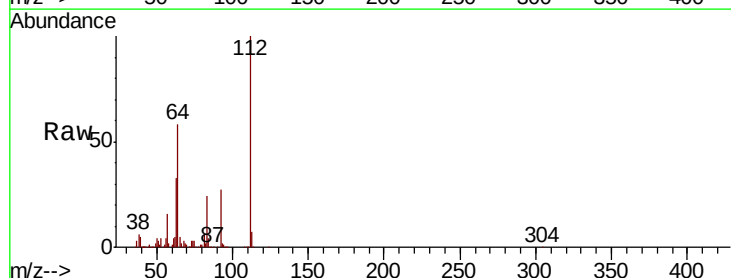
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



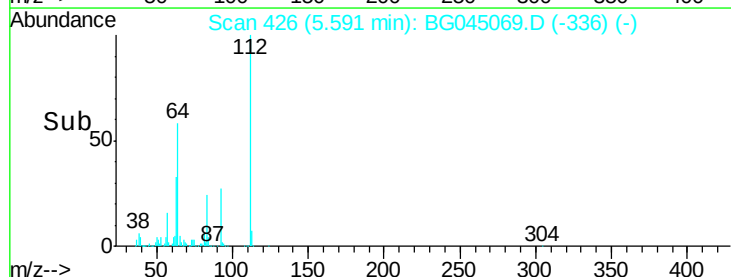
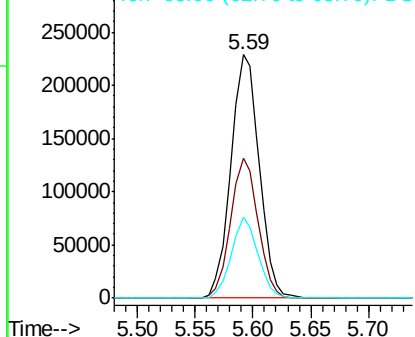
#5

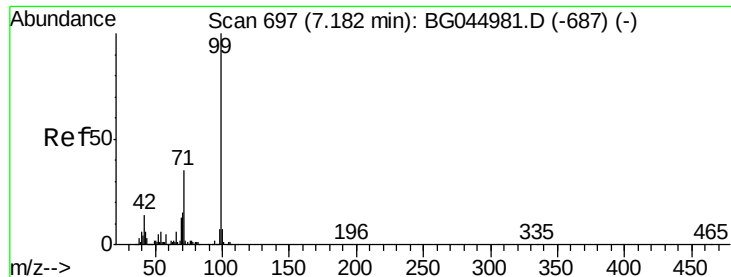
2-Fluorophenol
 Concen: 111.351 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	33.2	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: 115.336 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045069.D

Acq: 18 Apr 2020 16:23

Instrument :

BNA_G

ClientSampleId :

BG-10

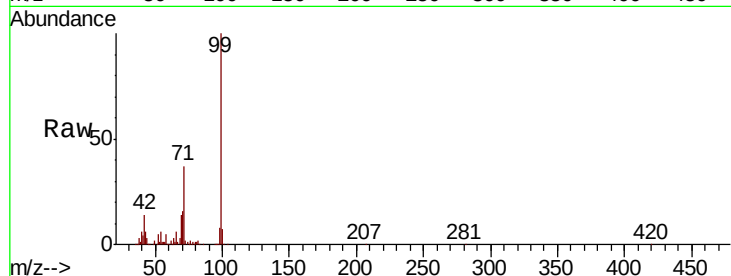
Tot Ion: 99 Resp: 597620

Ion Ratio Lower Upper

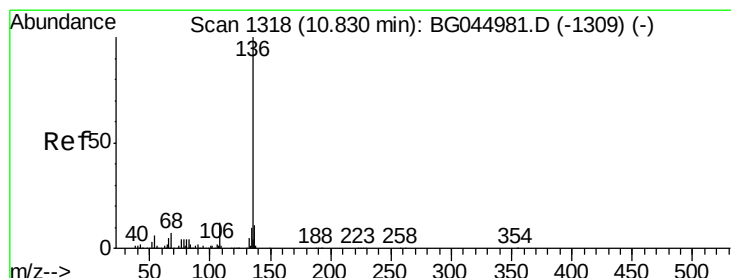
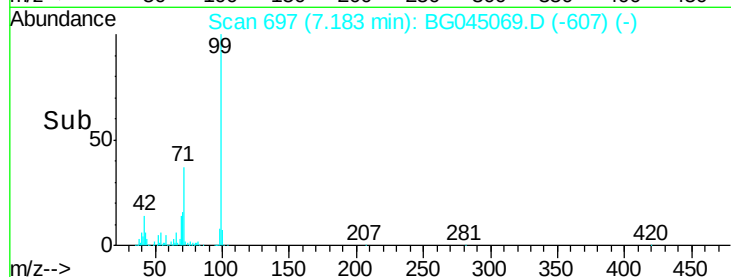
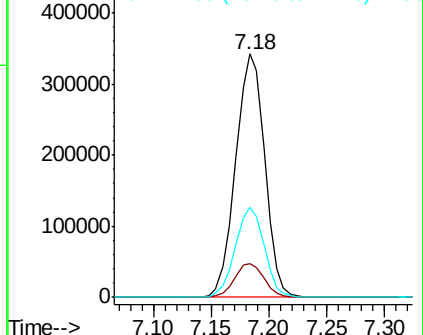
99 100

42 13.9 11.3 16.9

71 36.8 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: BG045069.D

Acq: 18 Apr 2020 16:23

Tgt Ion: 136 Resp: 255452

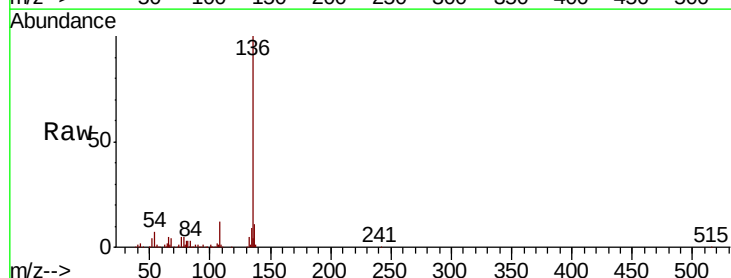
Ion Ratio Lower Upper

136 100

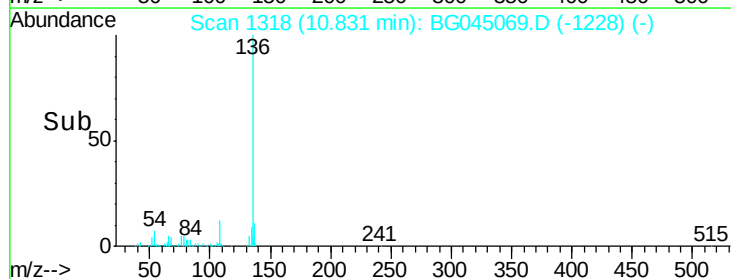
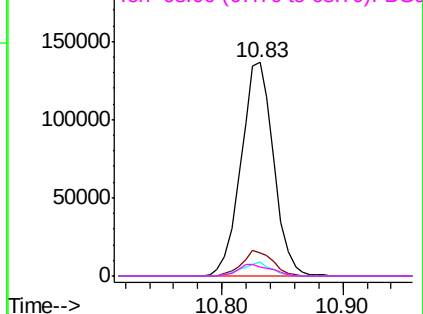
137 10.6 8.6 13.0

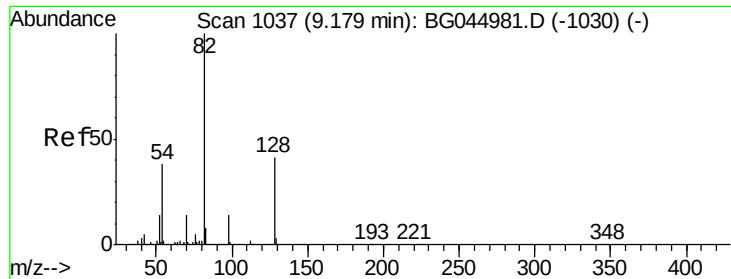
54 6.8 4.8 7.2

68 4.5 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

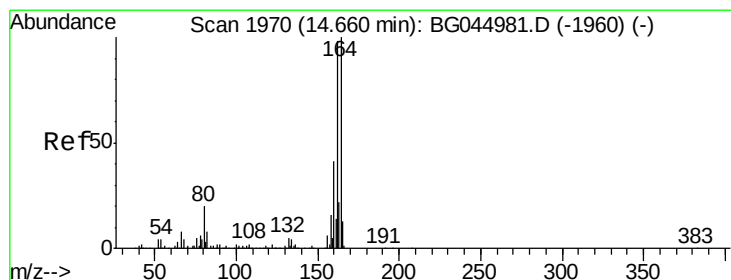
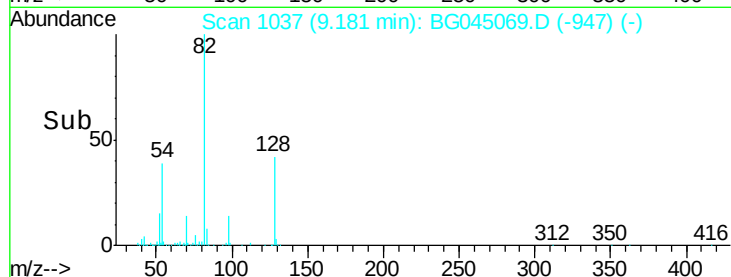
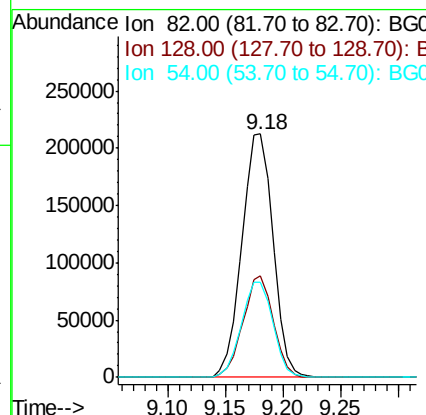
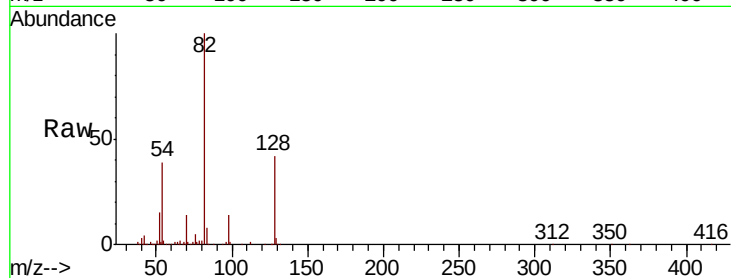




#23
 Nitrobenzene-d5
 Concen: 71.227 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

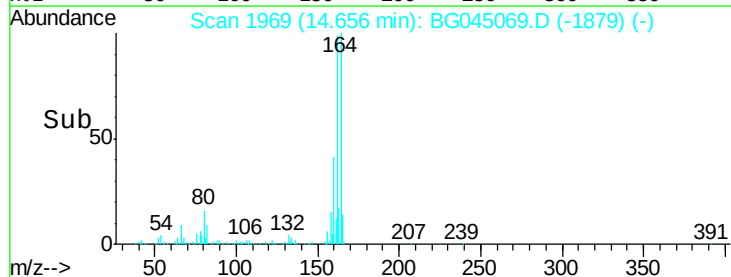
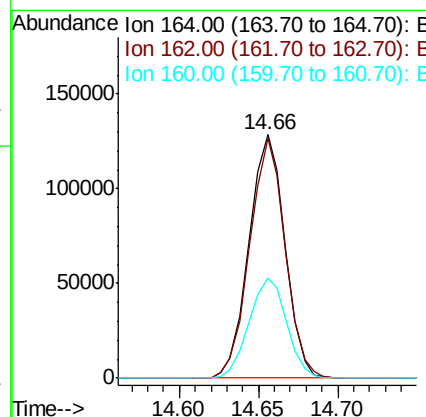
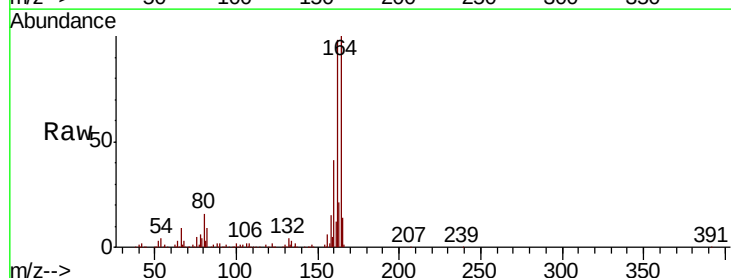
Instrument :
 BNA_G
 ClientSampleId :
 BG-10

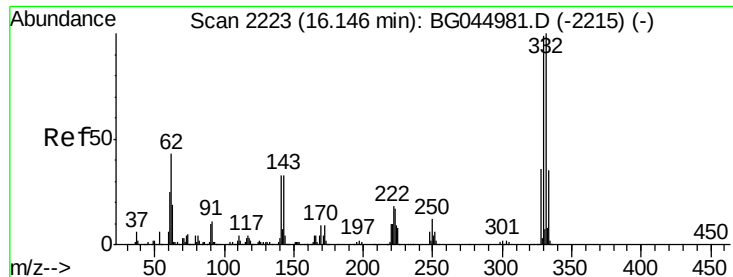
Tot Ion	82	Resp	398765
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.0	49.4
54	39.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

Tgt Ion	164	Resp	201830
Ion Ratio	Lower	Upper	
164	100		
162	98.4	78.7	118.1
160	41.3	32.8	49.2

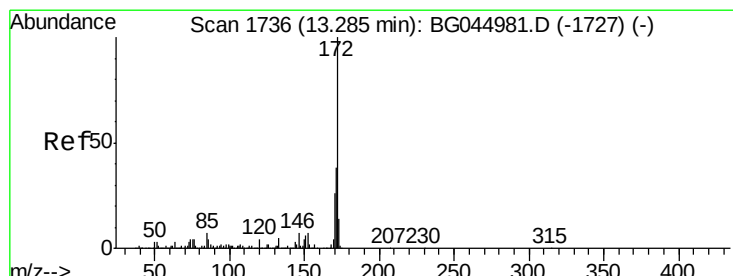
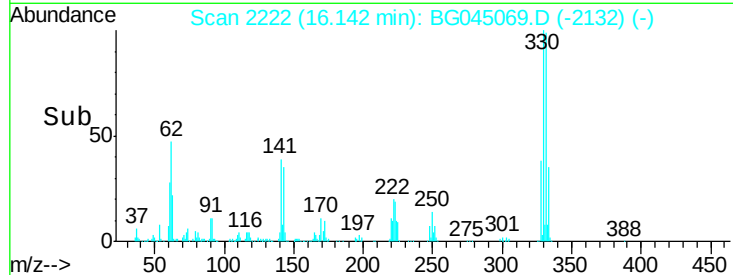
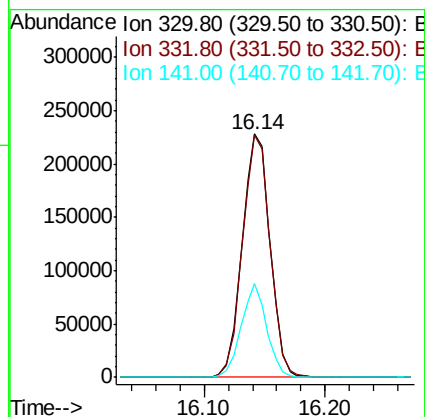
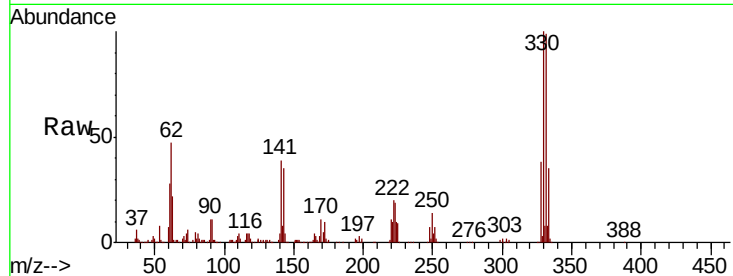




#42
 2,4,6-Tribromophenol
 Concen: 117.694 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

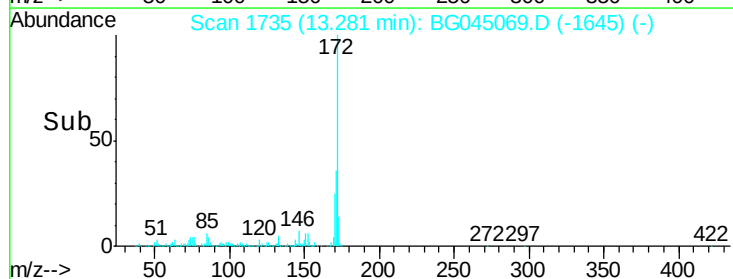
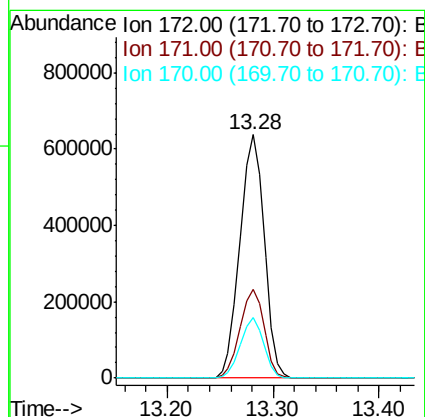
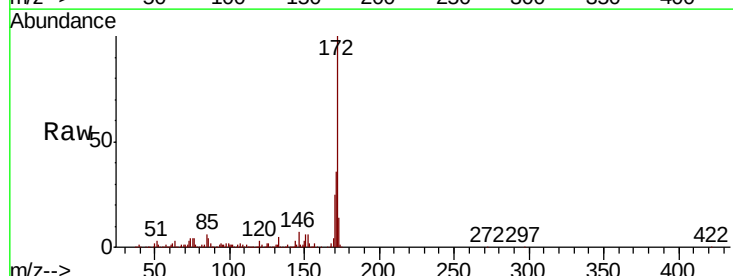
Instrument :
 BNA_G
 ClientSampleId :
 BG-10

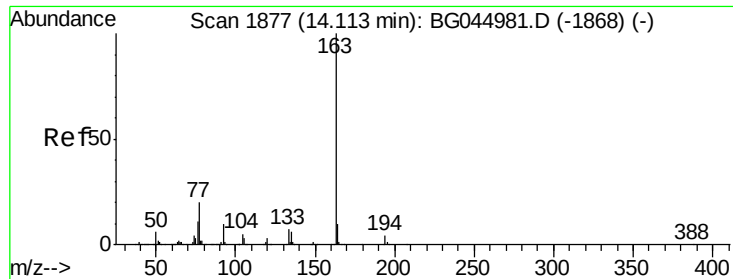
Tot Ion:	330	Resp:	366972
Ion	Ratio	Lower	Upper
330	100		
332	98.7	79.1	118.7
141	35.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 73.809 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

Tgt Ion:	172	Resp:	1015938
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	25.0	20.5	30.7

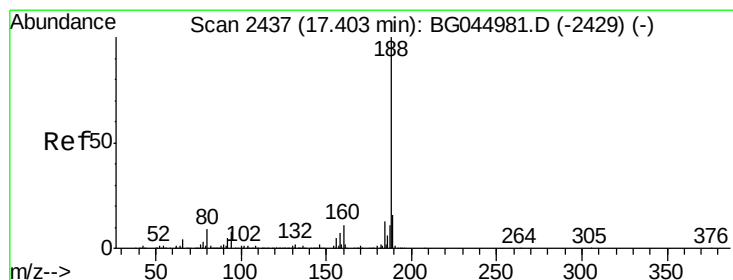
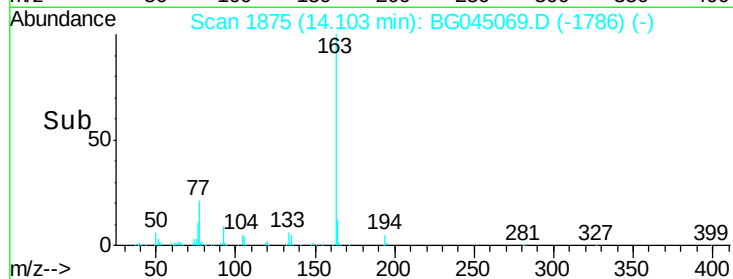
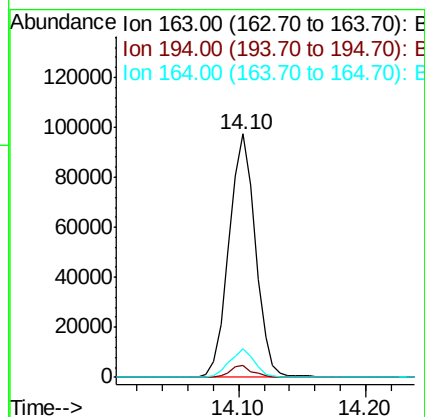
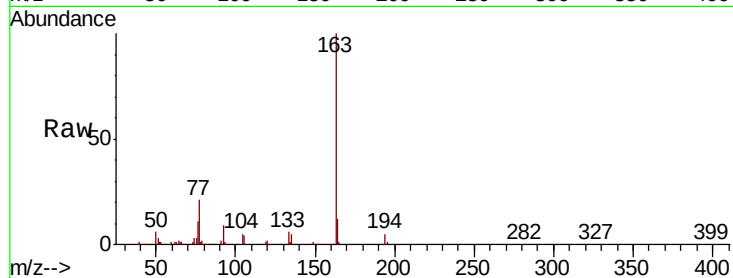




#50
Dimethylphthalate
Concen: 8.501 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045069.D
Acq: 18 Apr 2020 16:23

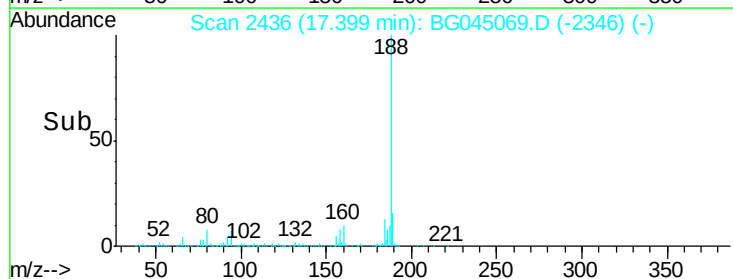
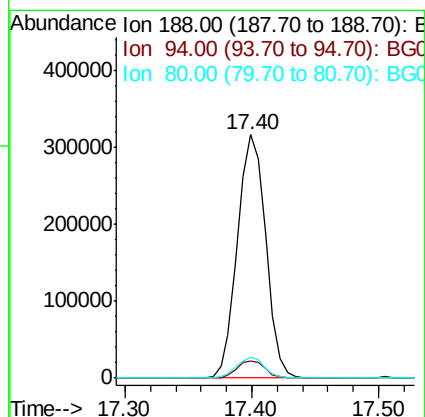
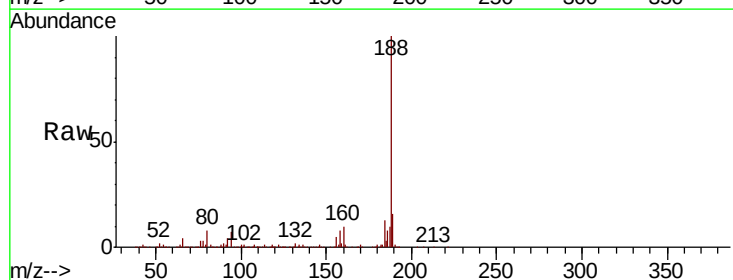
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BNA_G
ClientSampleId :
BG-10

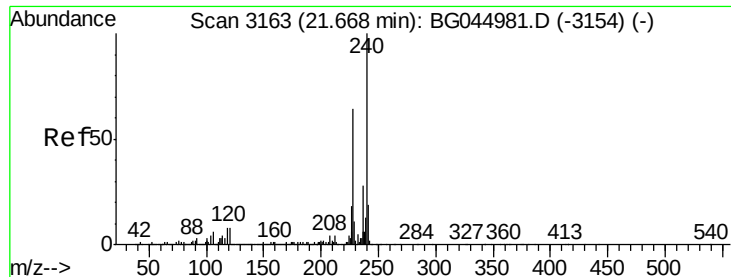
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.9	8.2	12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045069.D
Acq: 18 Apr 2020 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.4	7.0	10.6

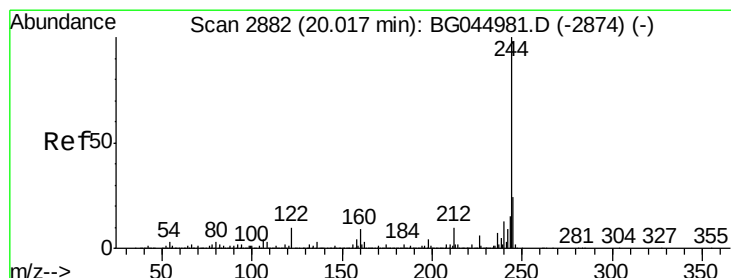
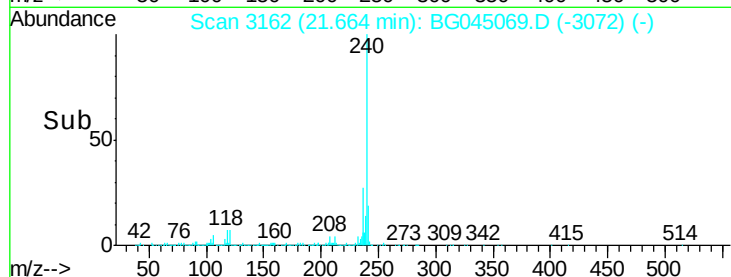
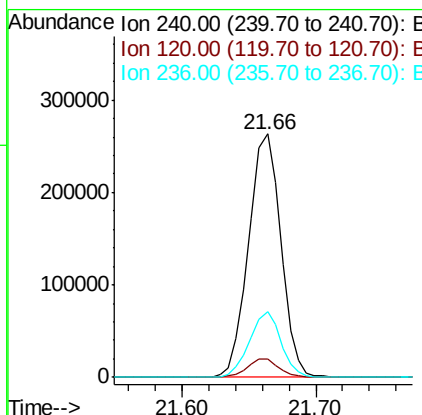
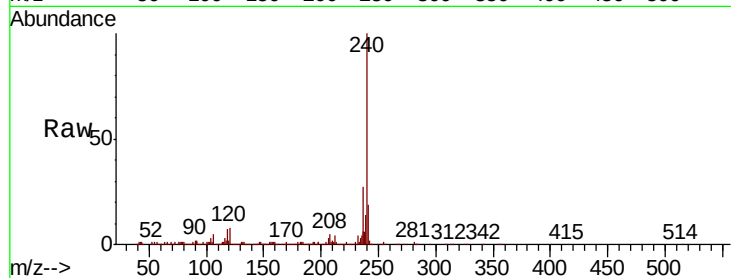




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

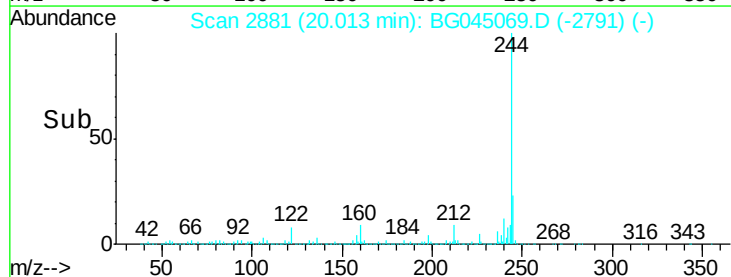
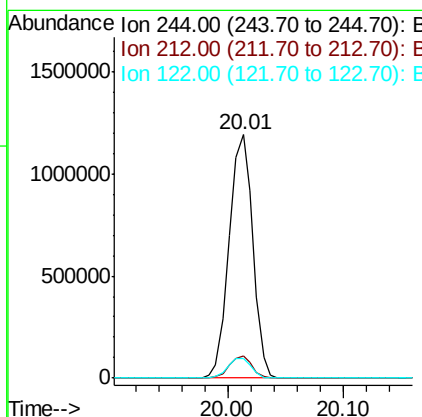
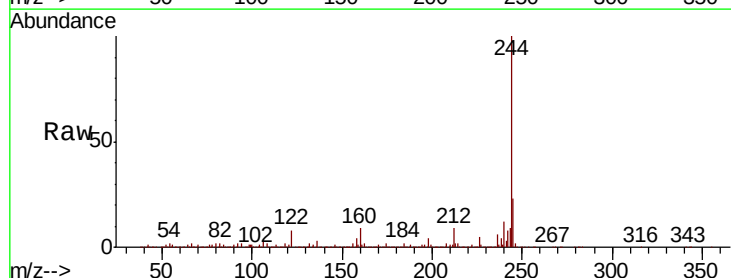
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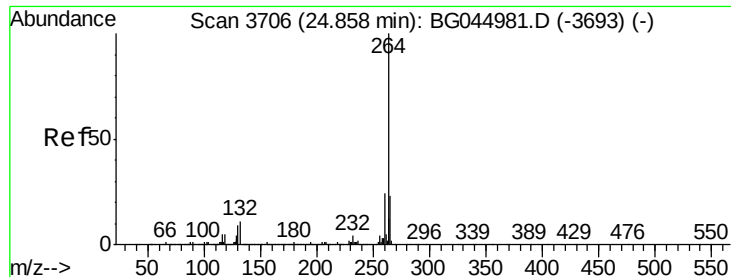
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	27.1	22.2	33.2



#79
 Terphenyl-d14
 Concen: 83.725 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045069.D
 Acq: 18 Apr 2020 16:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	8.2	7.7	11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045069.D
Acq: 18 Apr 2020 16:23

Instrument :
BNA_G
ClientSampleId :
BG-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.1	19.0	28.4

