

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045083.D
 Acq On : 19 Apr 2020 1:41
 Operator : CG/JU
 Sample : L2271-10
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-6

Quant Time: Apr 20 05:05:32 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

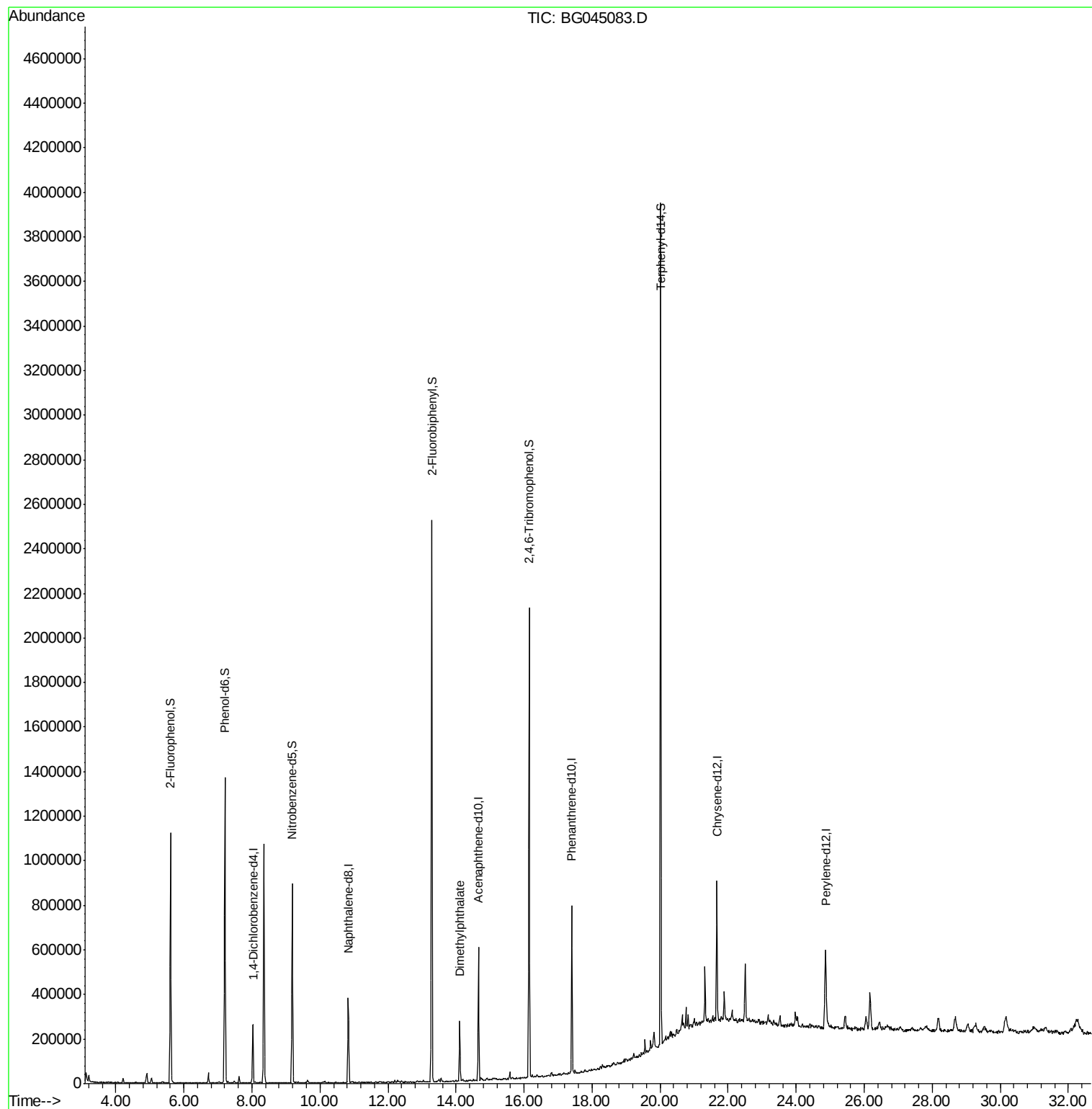
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	77329	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	332621	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	229330	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	470928	20.00	ng	0.00
76) Chrysene-d12	21.67	240	399697	20.00	ng	0.00
87) Perylene-d12	24.86	264	431161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	564102	120.43	ng	0.01
7) Phenol-d6	7.20	99	922034	132.49	ng	0.02
23) Nitrobenzene-d5	9.19	82	606392	83.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	435897	123.04	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1429705	91.41	ng	0.00
79) Terphenyl-d14	20.02	244	1845930	100.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	177028	9.480	ng	Qvalue 99

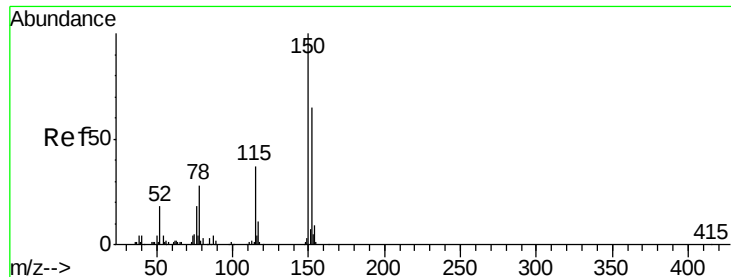
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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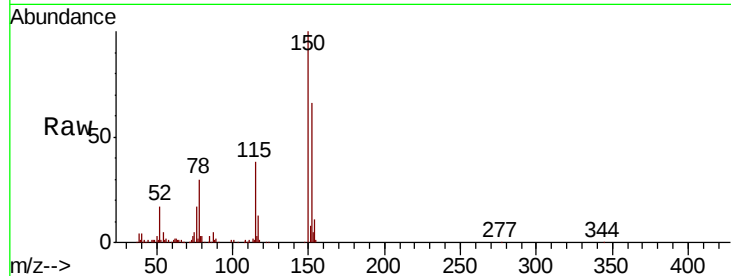


#1

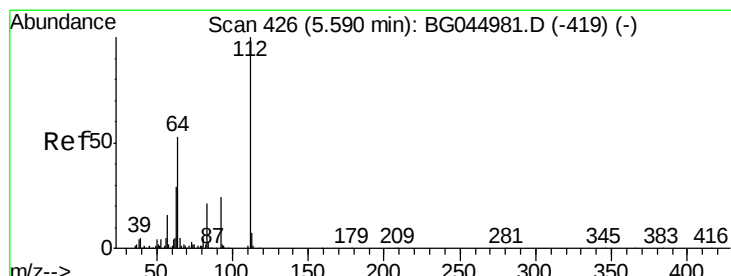
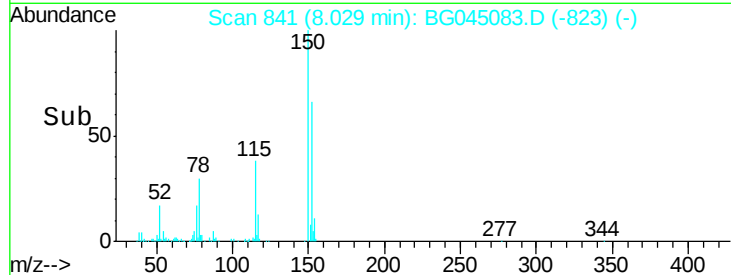
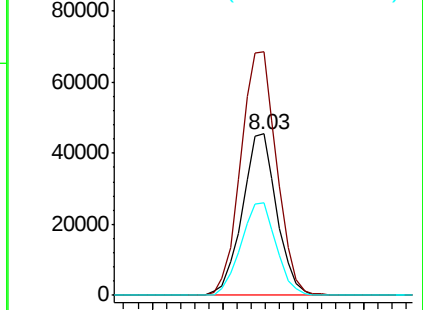
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

Instrument :
BNA_G
ClientSampleId :
BG-6

Tot Ion:152 Resp: 77329
Ion Ratio Lower Upper
152 100
150 150.8 123.6 185.4
115 57.1 49.1 73.7



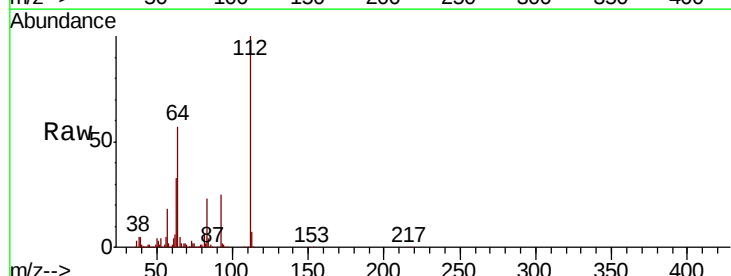
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



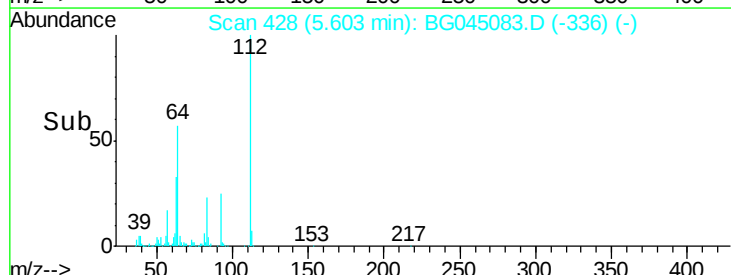
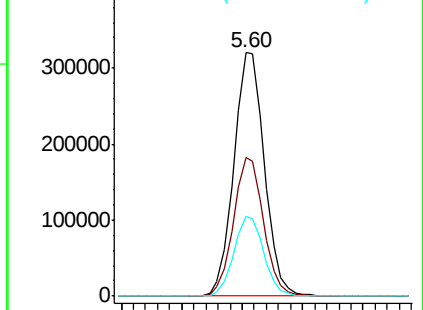
#5

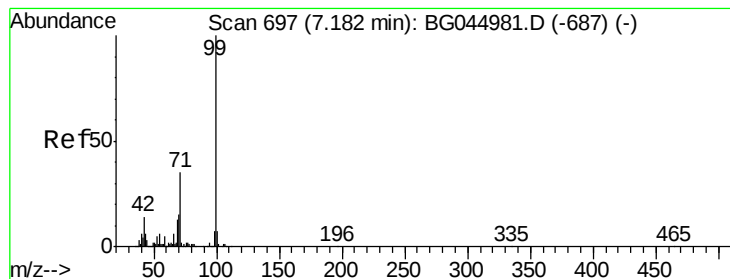
2-Fluorophenol
Concen: 120.434 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

Tgt Ion:112 Resp: 564102
Ion Ratio Lower Upper
112 100
64 56.9 42.4 63.6
63 32.5 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: 132.493 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.02 min

Lab File: BG045083.D

Acq: 19 Apr 2020 1:41

Instrument :

BNA_G

ClientSampleId :

BG-6

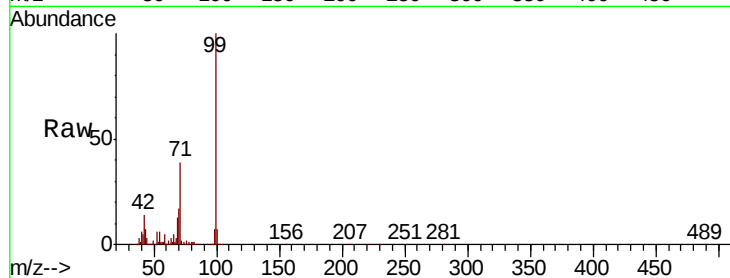
Tot Ion: 99 Resp: 922034

Ion Ratio Lower Upper

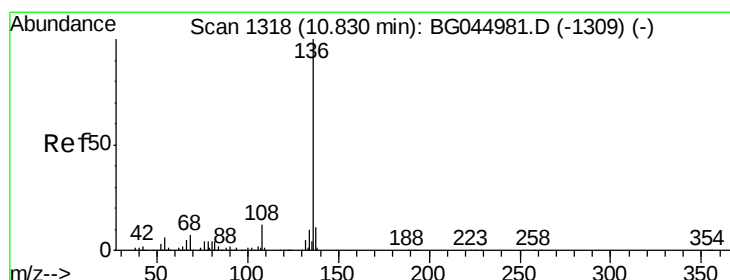
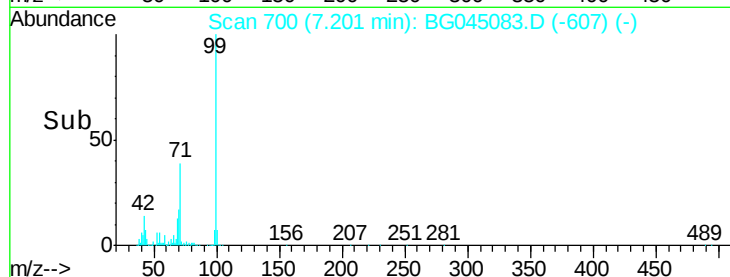
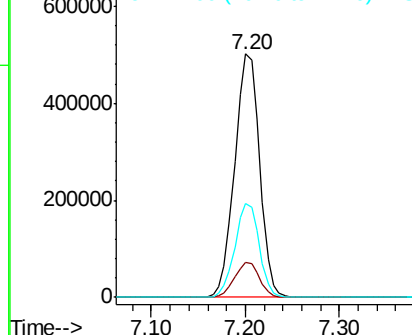
99 100

42 14.2 11.3 16.9

71 38.7 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: BG045083.D

Acq: 19 Apr 2020 1:41

Tgt Ion: 136 Resp: 332621

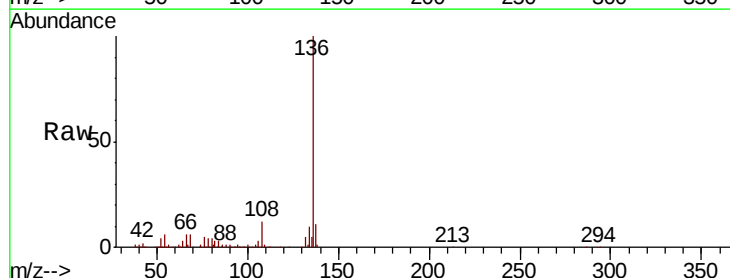
Ion Ratio Lower Upper

136 100

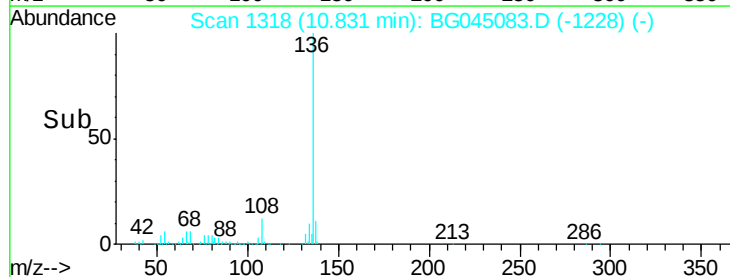
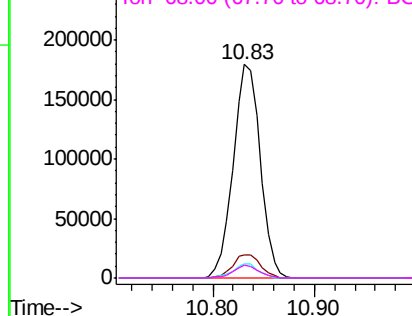
137 11.0 8.6 13.0

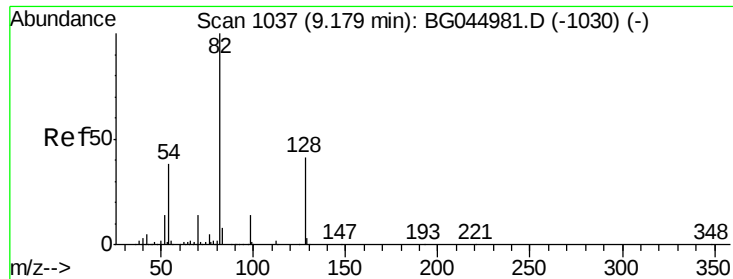
54 6.3 4.8 7.2

68 6.2 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

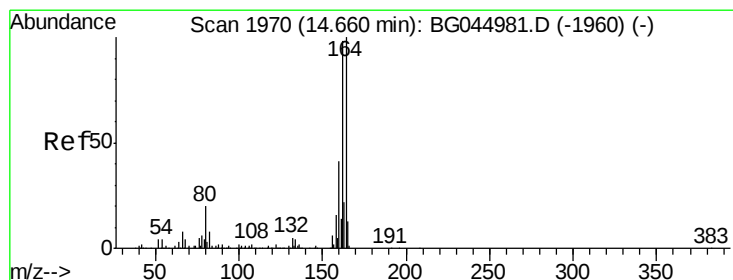
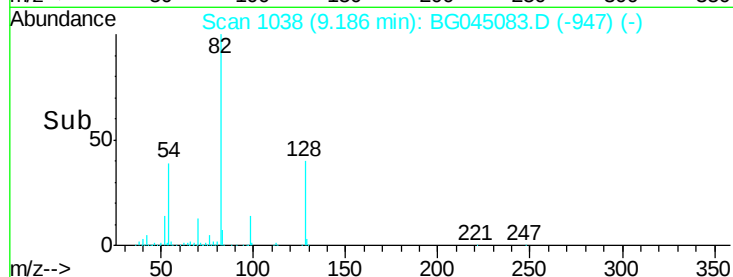
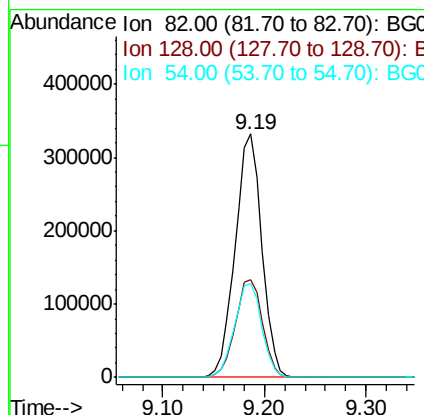
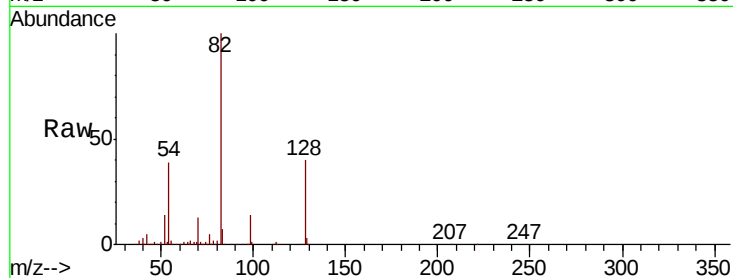




#23
Nitrobenzene-d5
Concen: 83.185 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

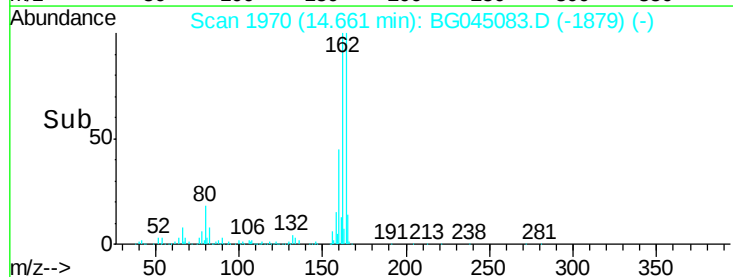
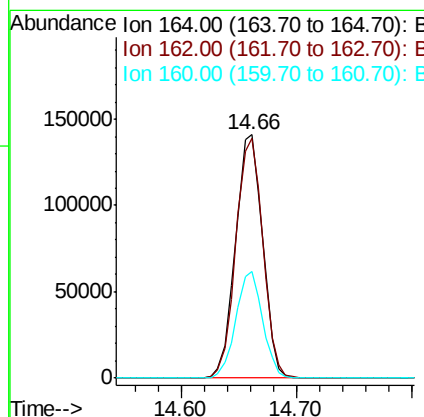
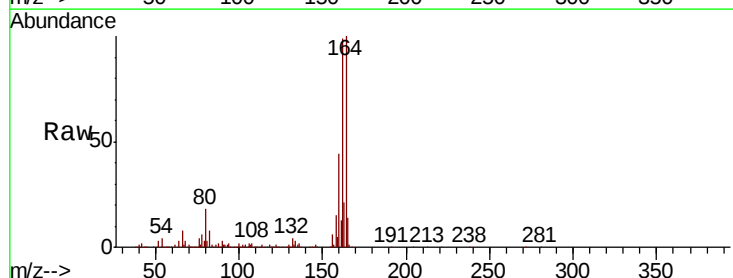
Instrument :
BNA_G
ClientSampleId :
BG-6

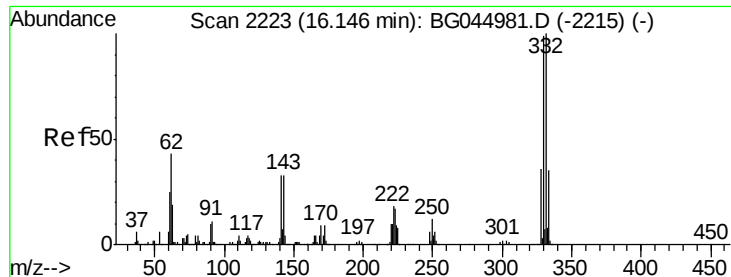
Tot Ion	82	Resp	606392
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	38.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

Tgt Ion	164	Resp	229330
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.7	118.1
160	44.0	32.8	49.2

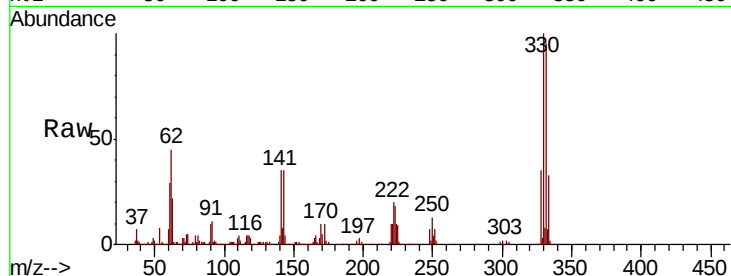




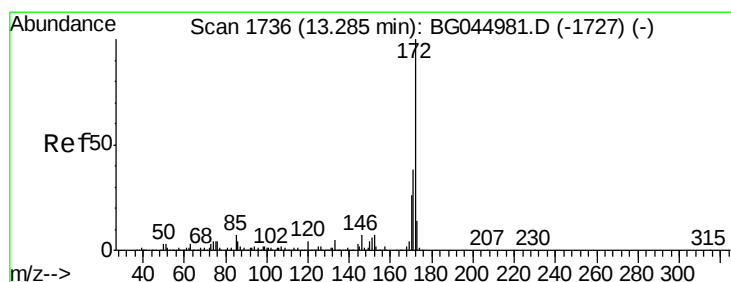
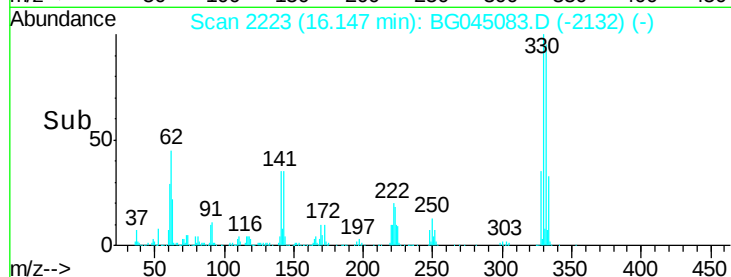
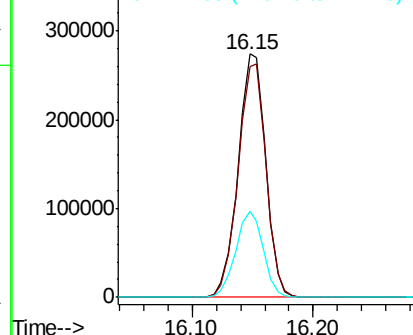
#42
 2,4,6-Tribromophenol
 Concen: 123.036 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045083.D
 Acq: 19 Apr 2020 1:41

Instrument :
 BNA_G
 ClientSampleId :
 BG-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	35.2	27.1	40.7

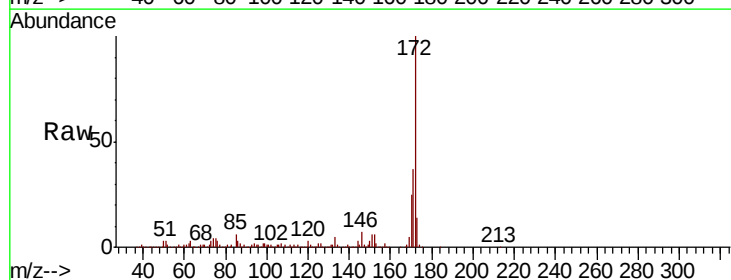


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

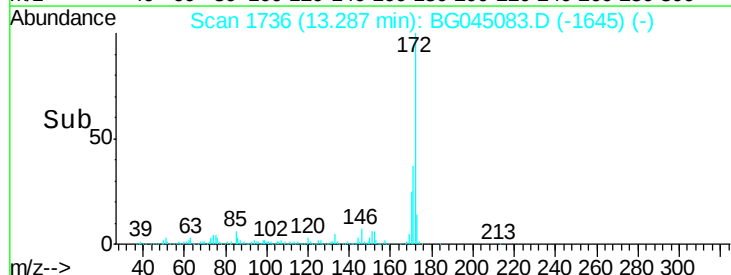
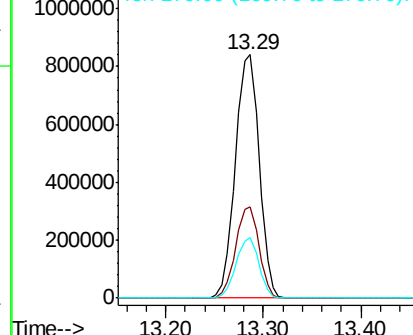


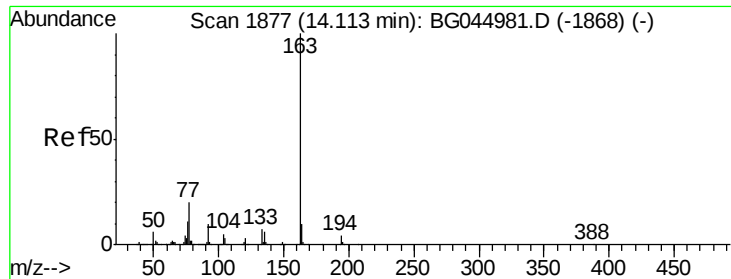
#45
 2-Fluorobiphenyl
 Concen: 91.414 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG045083.D
 Acq: 19 Apr 2020 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.7	20.5	30.7



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

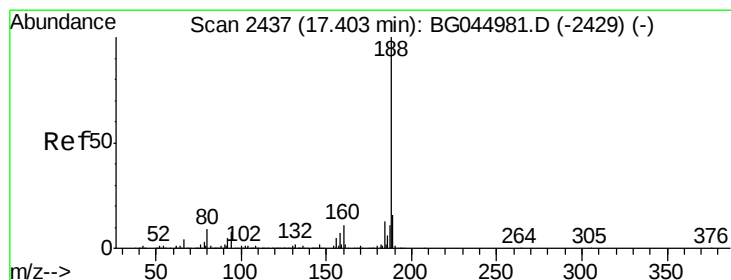
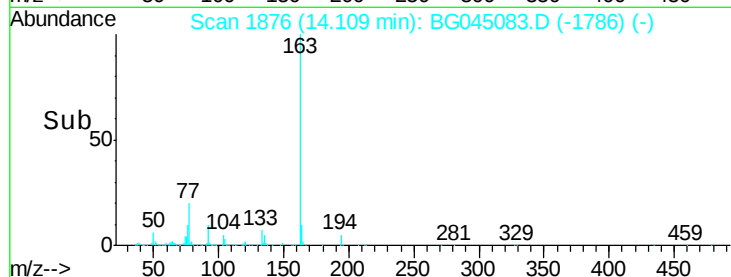
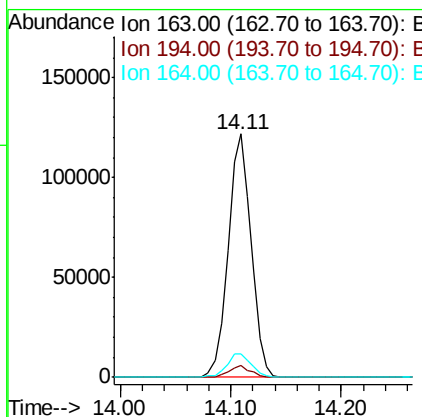
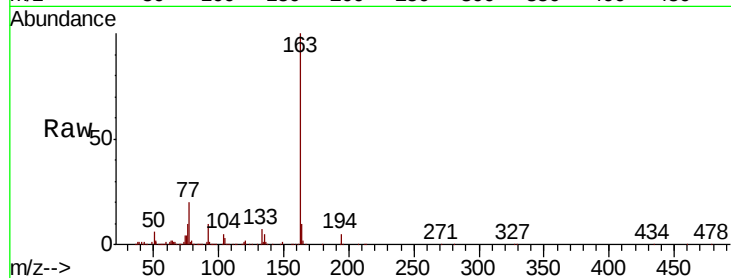




#50
Dimethylphthalate
Concen: 9.480 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

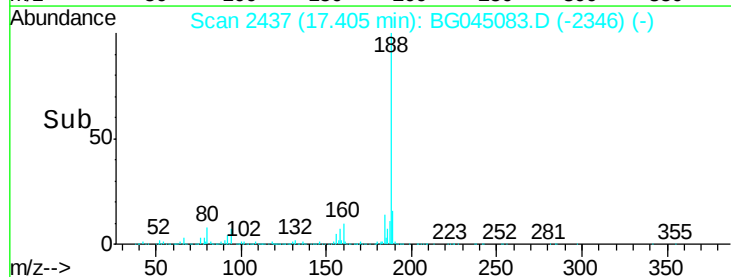
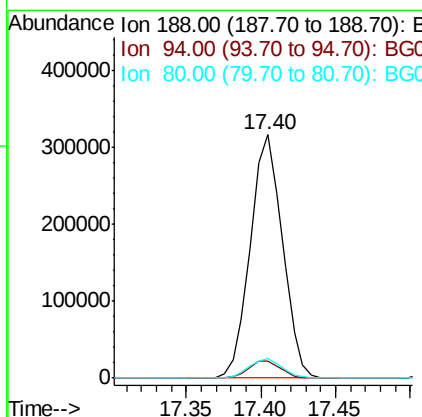
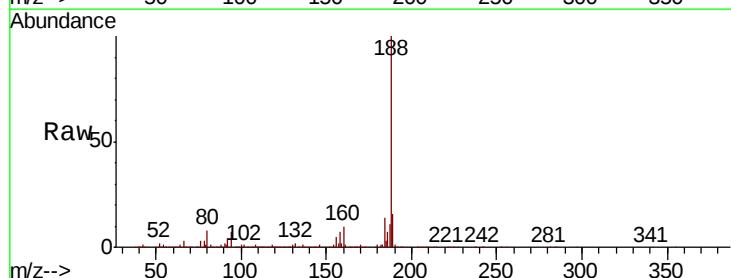
Instrument :
BNA_G
ClientSampleId :
BG-6

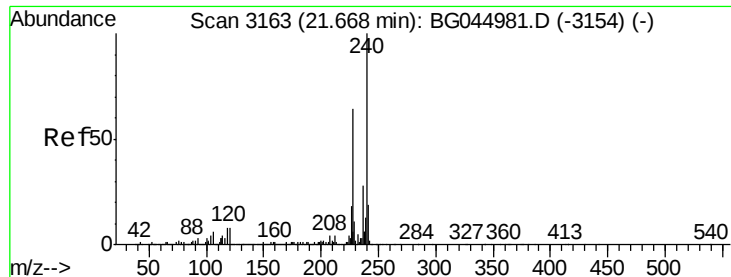
Tot Ion:163 Resp: 177028
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 9.8 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

Tgt Ion:188 Resp: 470928
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 8.1 7.0 10.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045083.D

Acq: 19 Apr 2020 1:41

Instrument :

BNA_G

ClientSampleId :

BG-6

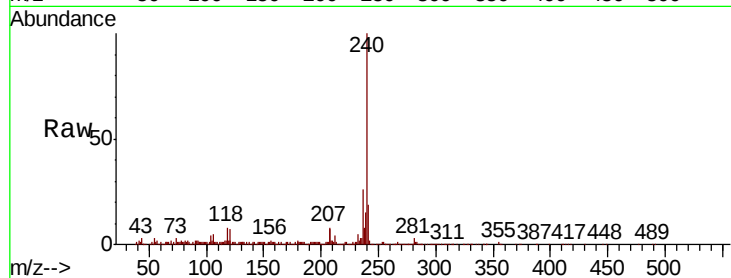
Tot Ion:240 Resp: 399697

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

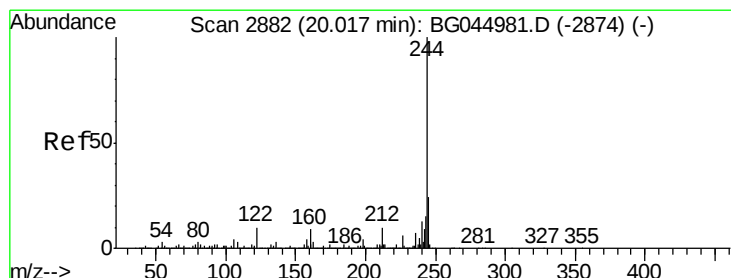
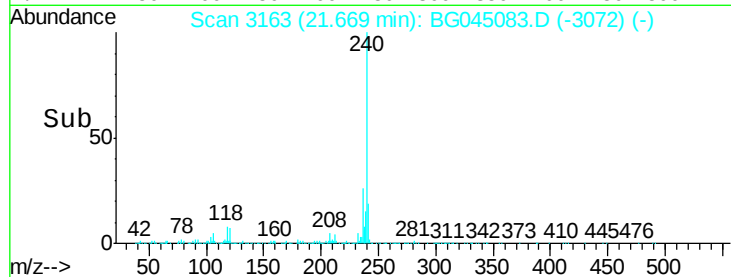
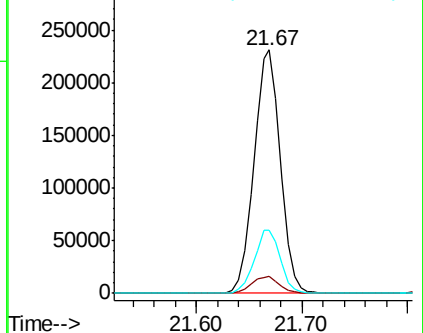
236 26.1 22.2 33.2



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: 100.659 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG045083.D

Acq: 19 Apr 2020 1:41

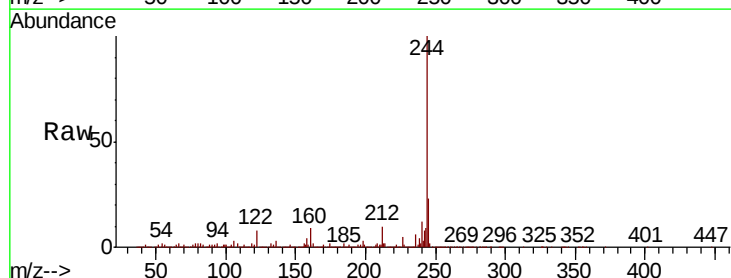
Tgt Ion:244 Resp: 1845930

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

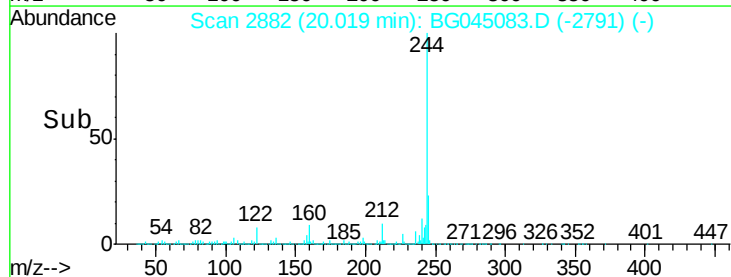
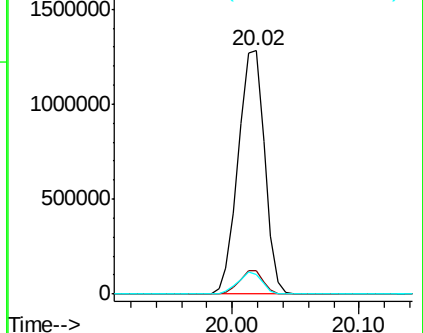
122 8.2 7.7 11.5

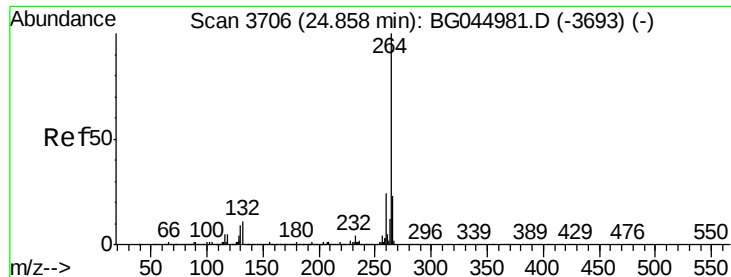


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

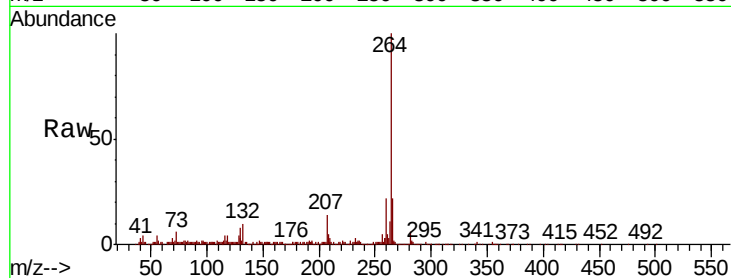




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG045083.D
Acq: 19 Apr 2020 1:41

Instrument :
BNA_G
ClientSampleId :
BG-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.0	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

