

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046126.D
 Acq On : 31 Jul 2020 15:25
 Operator : CG/JU
 Sample : L3489-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-2

Quant Time: Jul 31 16:07:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

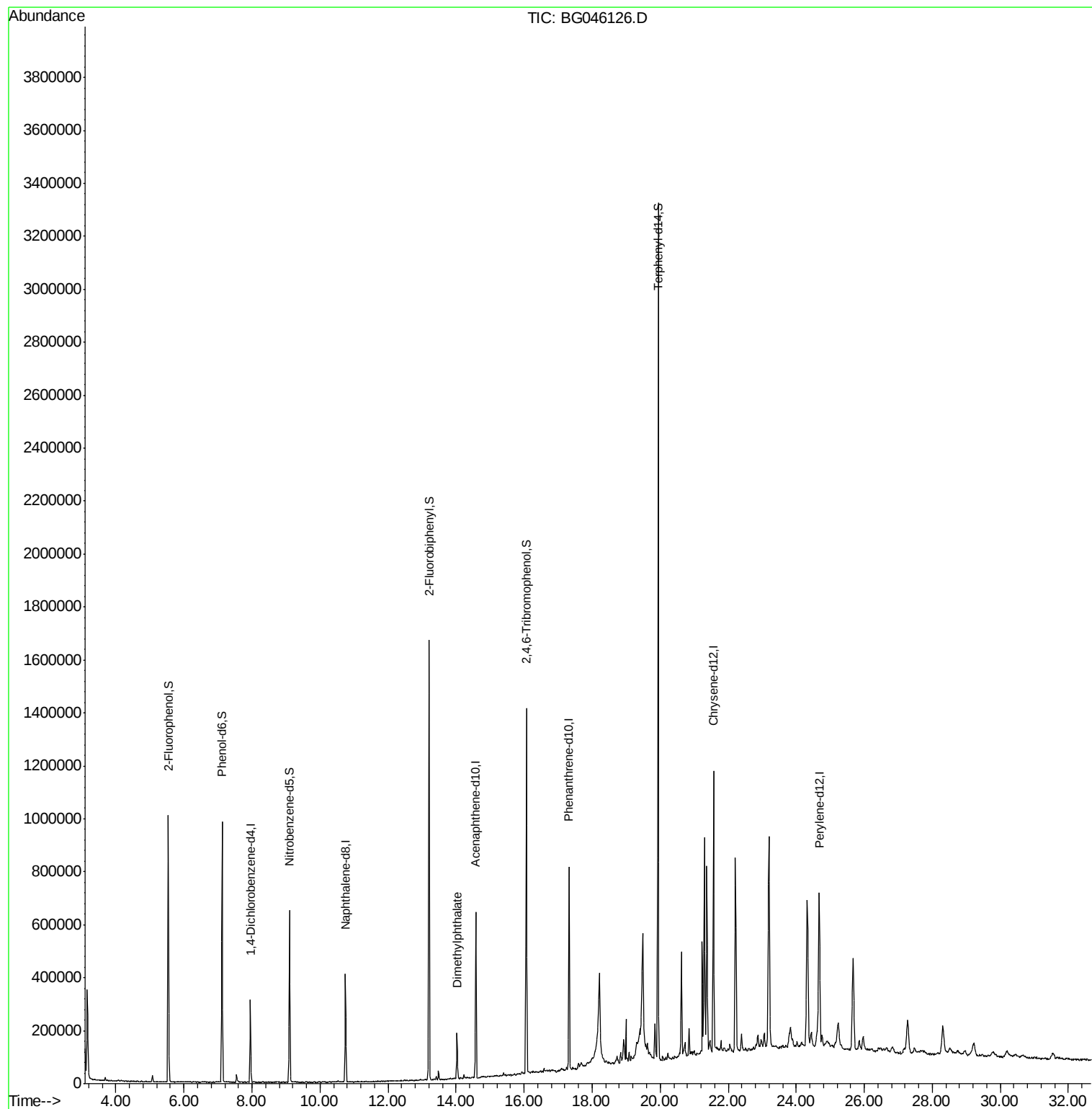
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92329	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	352305	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	215170	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	485985	20.00	ng	0.00
76) Chrysene-d12	21.57	240	596056	20.00	ng	0.00
86) Perylene-d12	24.67	264	616976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	443535	83.51	ng	0.00
7) Phenol-d6	7.12	99	560488	77.43	ng	0.00
23) Nitrobenzene-d5	9.10	82	379088	58.26	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	291138	88.09	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	869890	58.73	ng	0.00
79) Terphenyl-d14	19.94	244	1402252	47.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	117770	7.131	ng	Qvalue 99

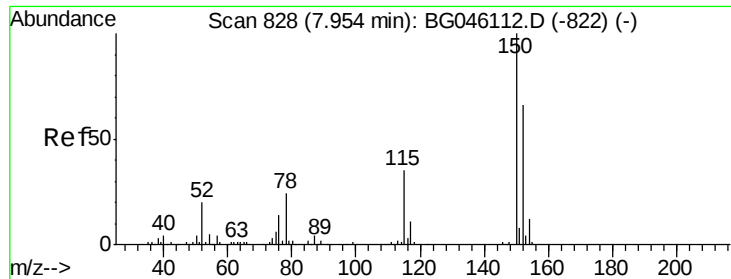
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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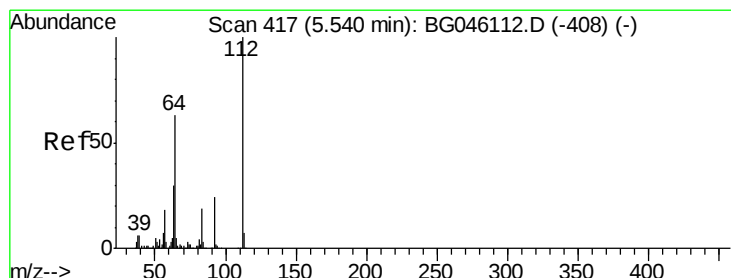
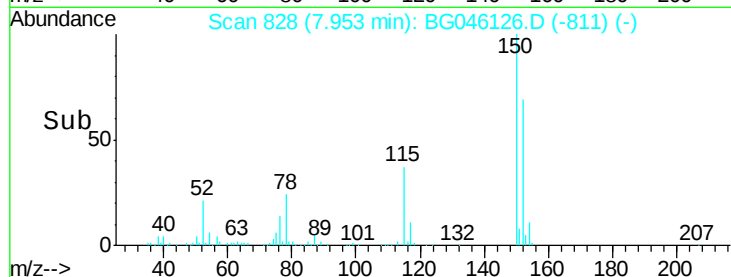
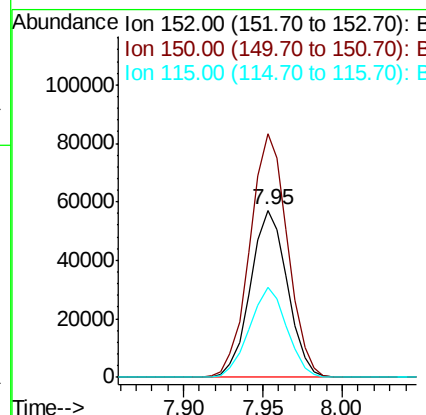
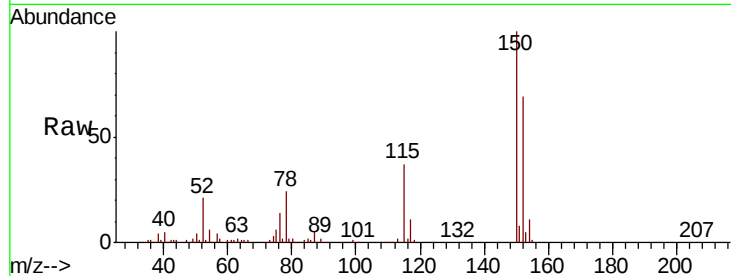


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Instrument :
BNA_G
ClientSampled :
CS-2

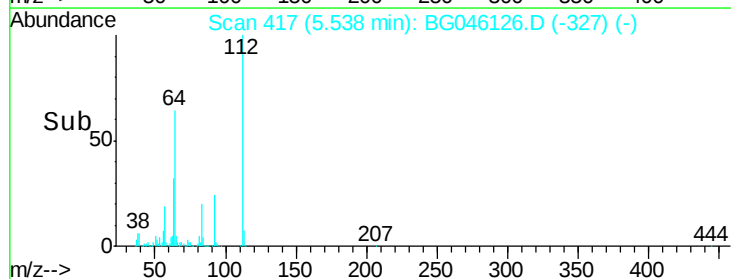
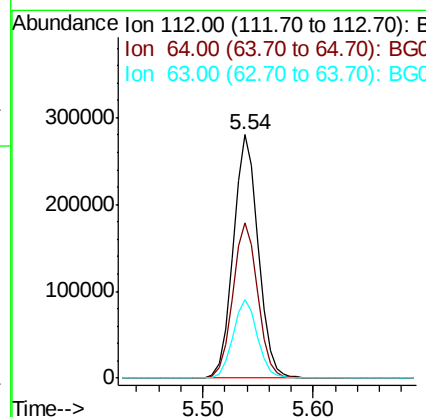
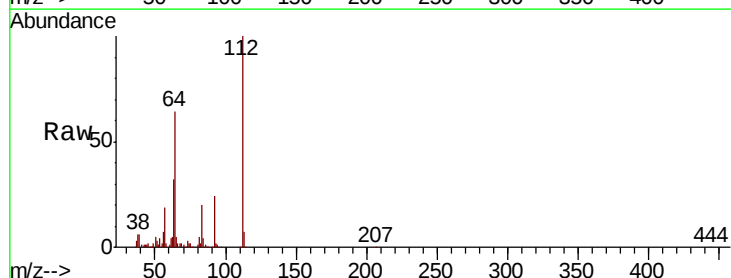
Tot Ion	152	Resp	92329
Ion Ratio	Lower	Upper	
152	100		
150	145.7	122.1	183.1
115	53.8	43.2	64.8

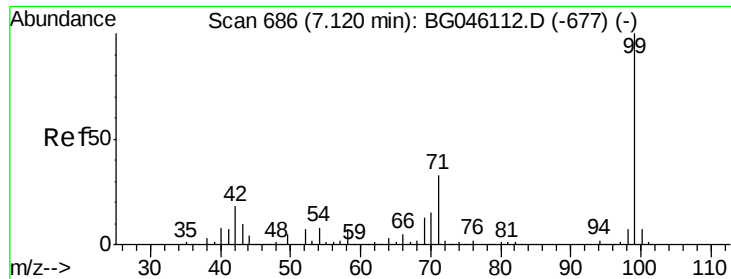


#5

2-Fluorophenol
Concen: 83.509 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Tgt Ion	112	Resp	443535
Ion Ratio	Lower	Upper	
112	100		
64	64.0	50.2	75.2
63	32.0	24.2	36.4





#7

Phenol-d6

Concen: 77.431 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046126.D

Acq: 31 Jul 2020 15:25

Instrument :

BNA_G

ClientSampleId :

CS-2

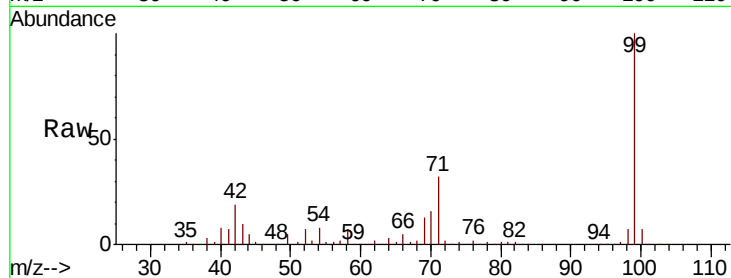
Tot Ion: 99 Resp: 560488

Ion Ratio Lower Upper

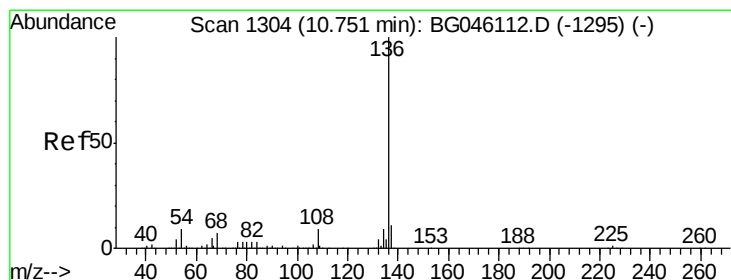
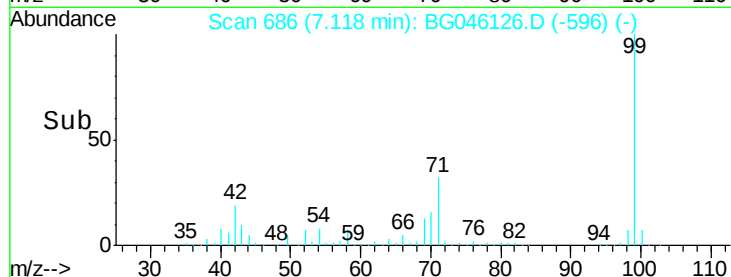
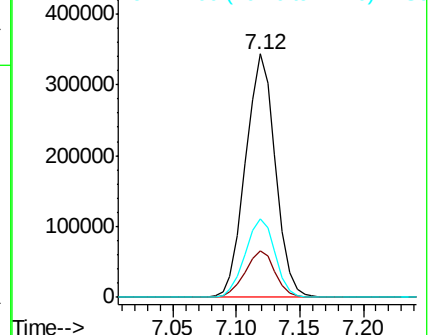
99 100

42 18.9 14.7 22.1

71 32.1 26.5 39.7



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: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046126.D

Acq: 31 Jul 2020 15:25

Tgt Ion: 136 Resp: 352305

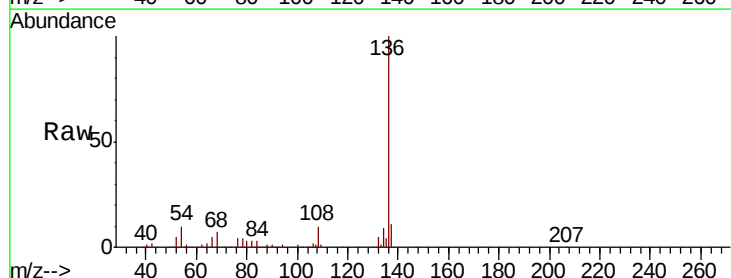
Ion Ratio Lower Upper

136 100

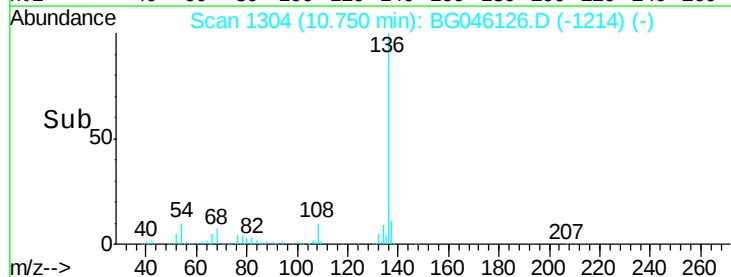
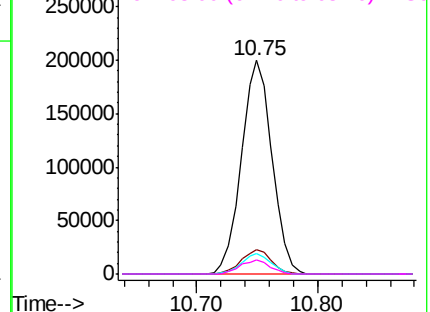
137 11.3 8.8 13.2

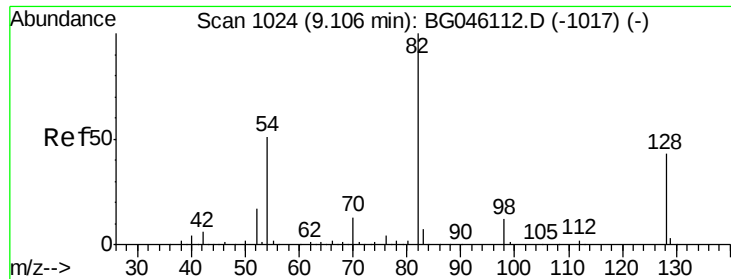
54 9.5 7.0 10.4

68 6.6 5.3 7.9



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

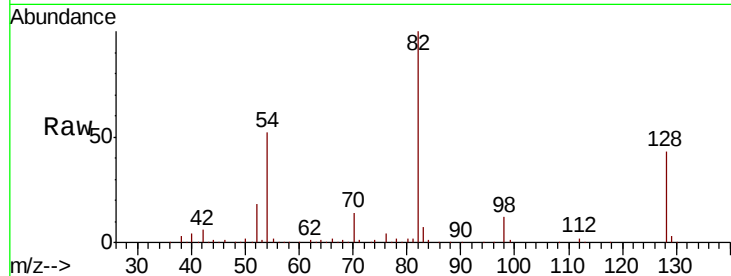




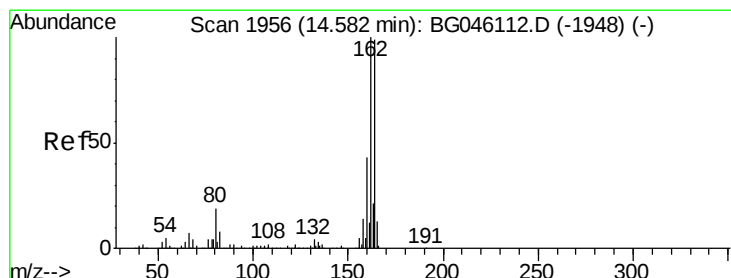
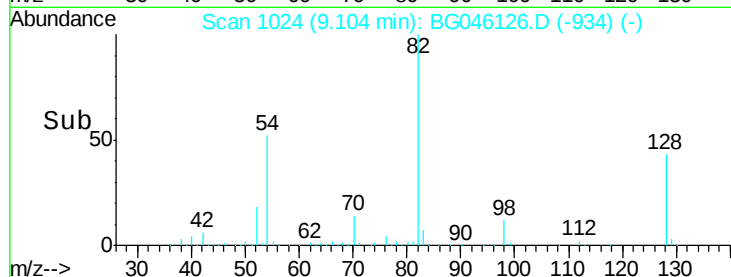
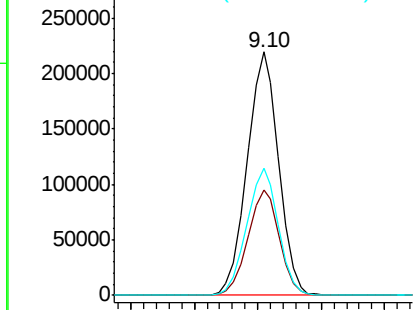
#23
Nitrobenzene-d5
Concen: 58.259 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Instrument :
BNA_G
ClientSampled :
CS-2

Tot Ion	82	Resp	379088
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.4	51.6
54	52.4	40.8	61.2

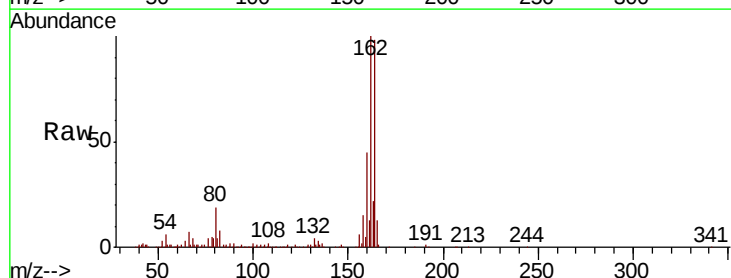


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

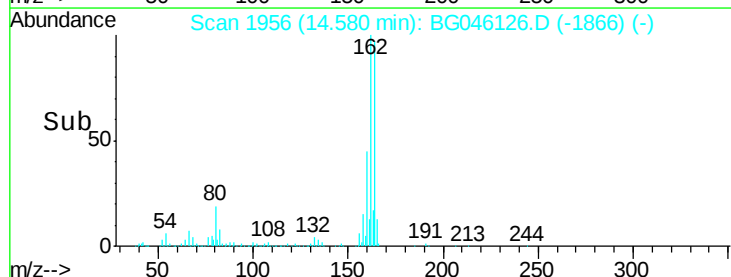
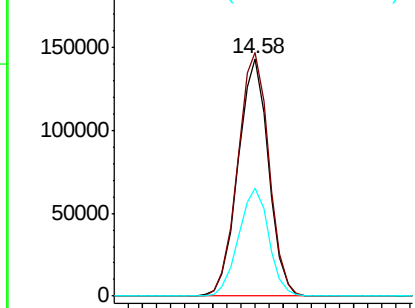


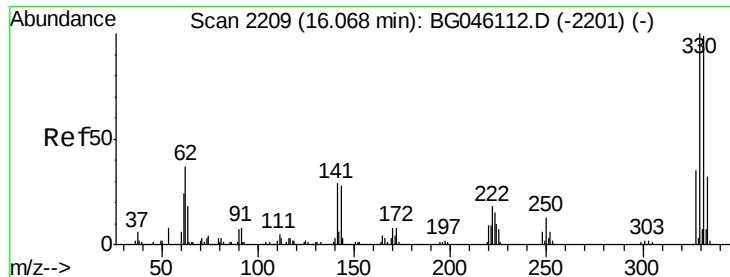
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Tgt Ion	164	Resp	215170
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	121.0
160	45.6	34.9	52.3



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

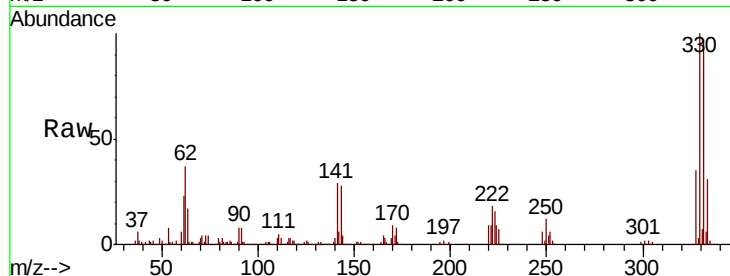




#42
 2,4,6-Tribromophenol
 Concen: 88.091 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046126.D
 Acq: 31 Jul 2020 15:25

Instrument :
 BNA_G
 ClientSampled :
 CS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	30.6	23.4	35.0

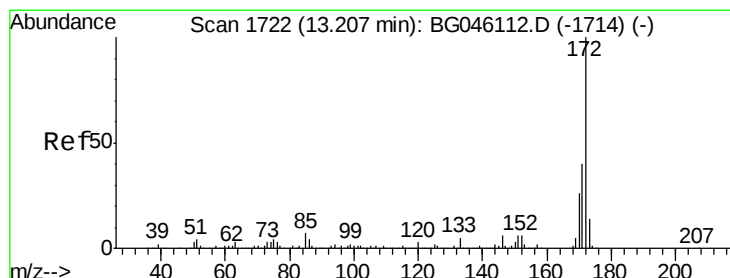
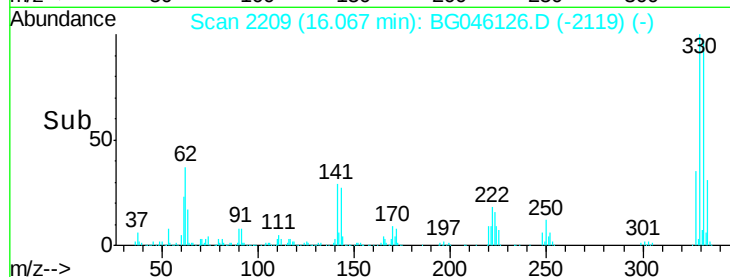
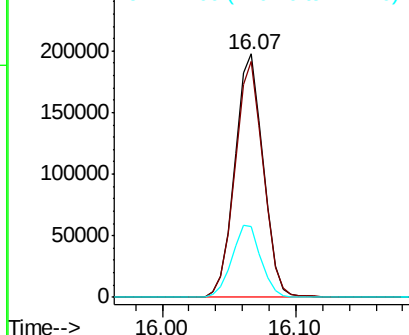


Abundance

Ion 329.80 (329.50 to 330.50): E

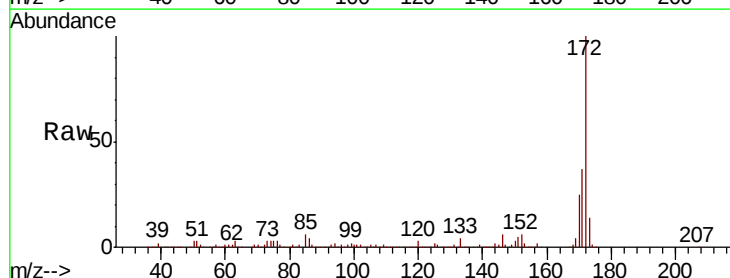
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.727 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046126.D
 Acq: 31 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.7	47.5
170	24.8	20.9	31.3

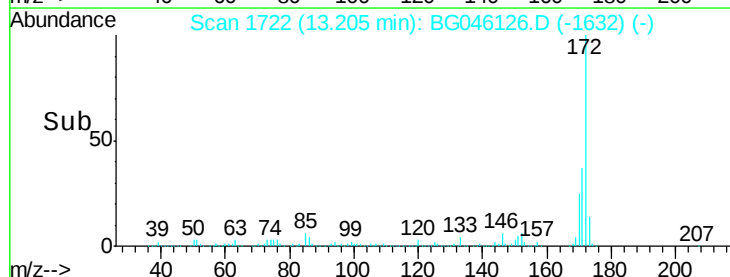
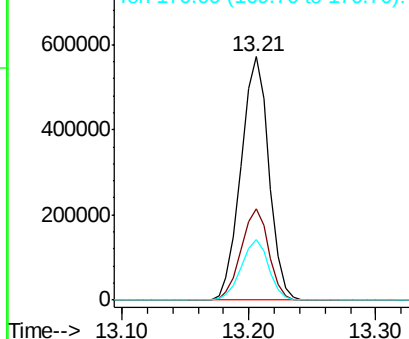


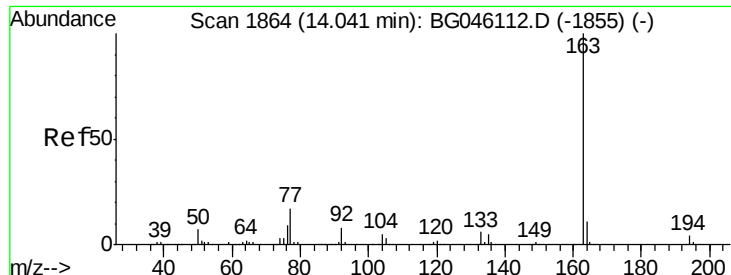
Abundance

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

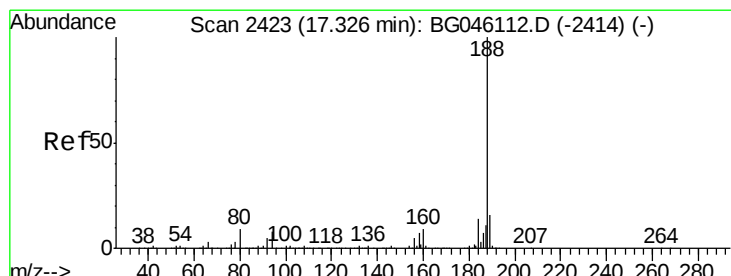
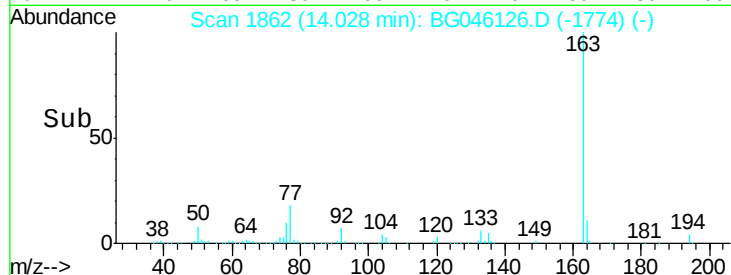
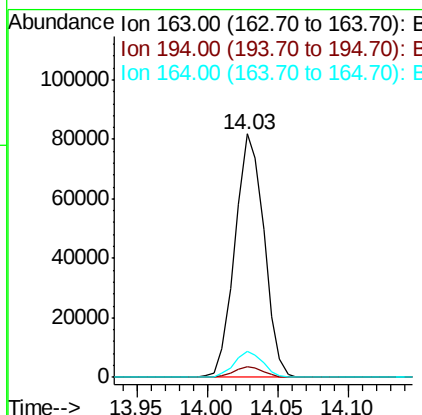
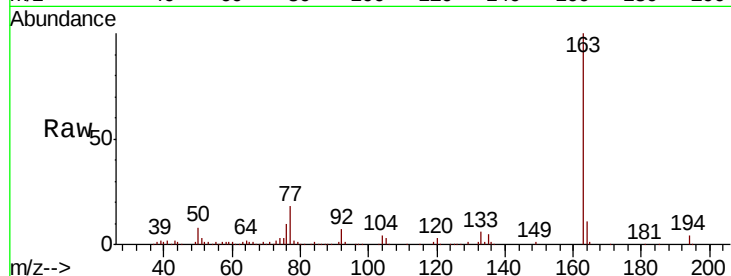




#50
Dimethylphthalate
Concen: 7.131 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

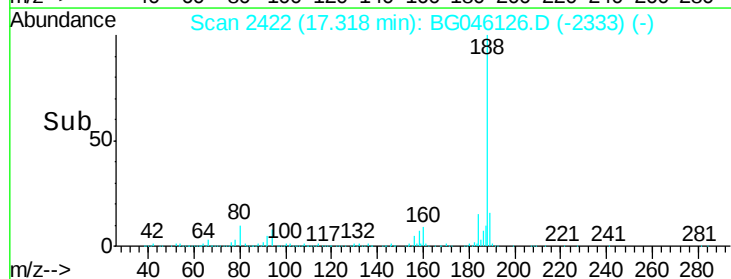
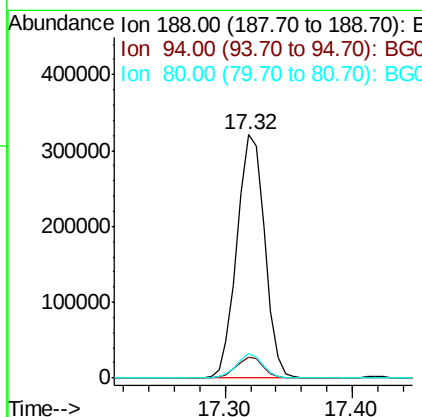
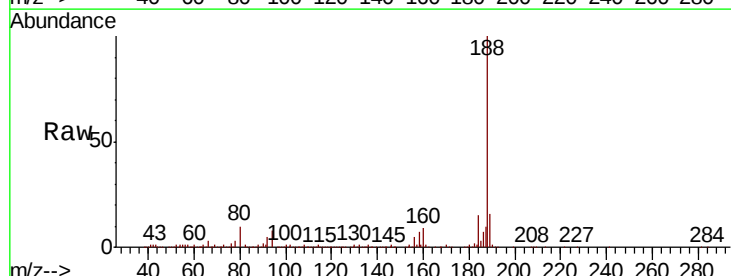
Instrument :
BNA_G
ClientSampled :
CS-2

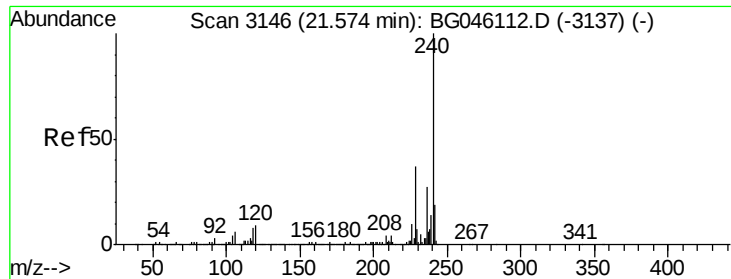
Tot Ion:163 Resp: 117770
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.5 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Tgt Ion:188 Resp: 485985
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 10.2 7.4 11.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046126.D

Acq: 31 Jul 2020 15:25

Instrument :

BNA_G

ClientSampled :

CS-2

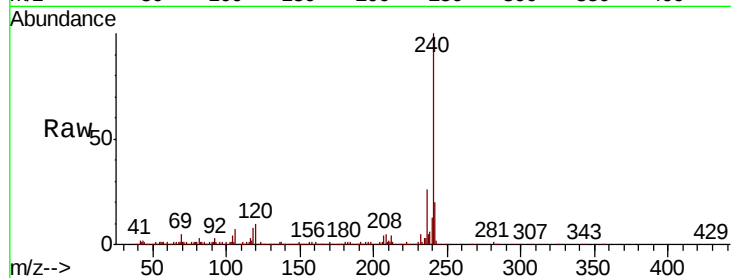
Tot Ion:240 Resp: 596056

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

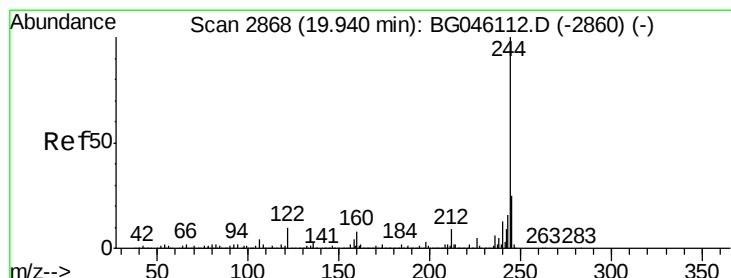
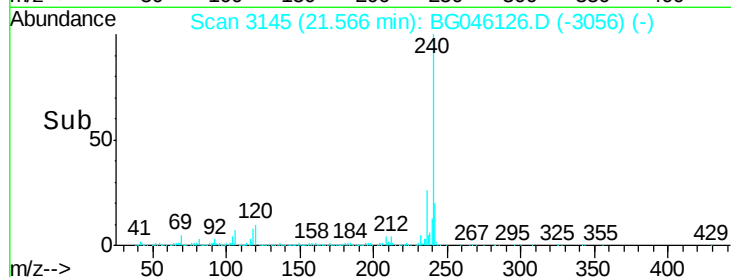
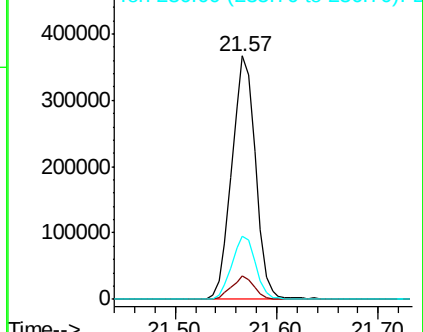
236 26.2 21.7 32.5



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: 47.913 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046126.D

Acq: 31 Jul 2020 15:25

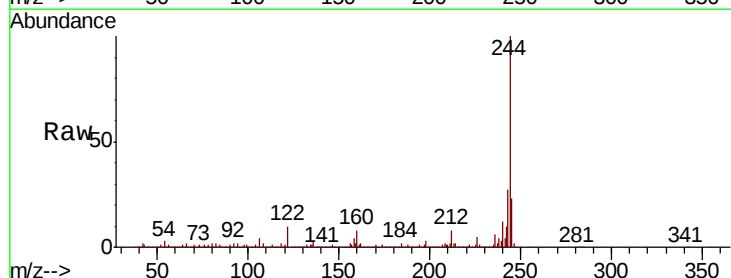
Tgt Ion:244 Resp: 1402252

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

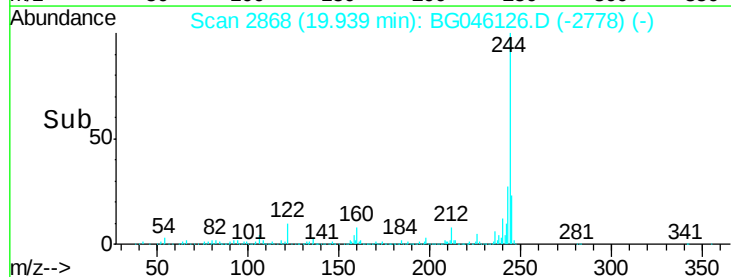
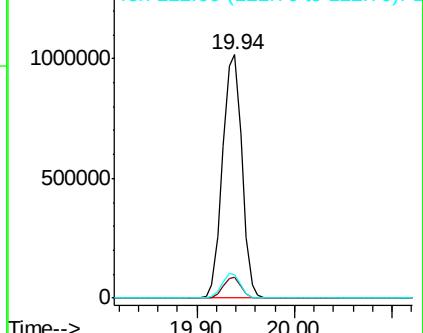
122 9.6 8.3 12.5

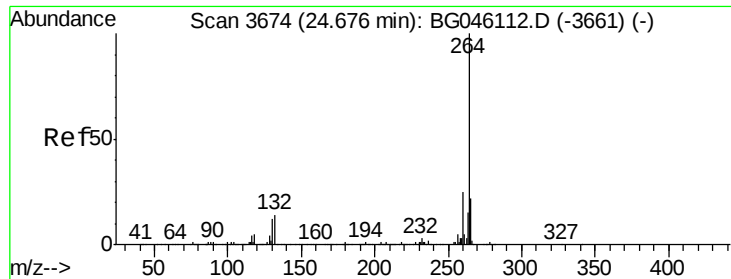


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046126.D
Acq: 31 Jul 2020 15:25

Instrument :
BNA_G
ClientSampleId :
CS-2

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	19.7	29.5	
265	23.0	17.6	26.4	

