

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046127.D
 Acq On : 31 Jul 2020 16:05
 Operator : CG/JU
 Sample : L3489-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-3

Quant Time: Jul 31 17:54:17 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

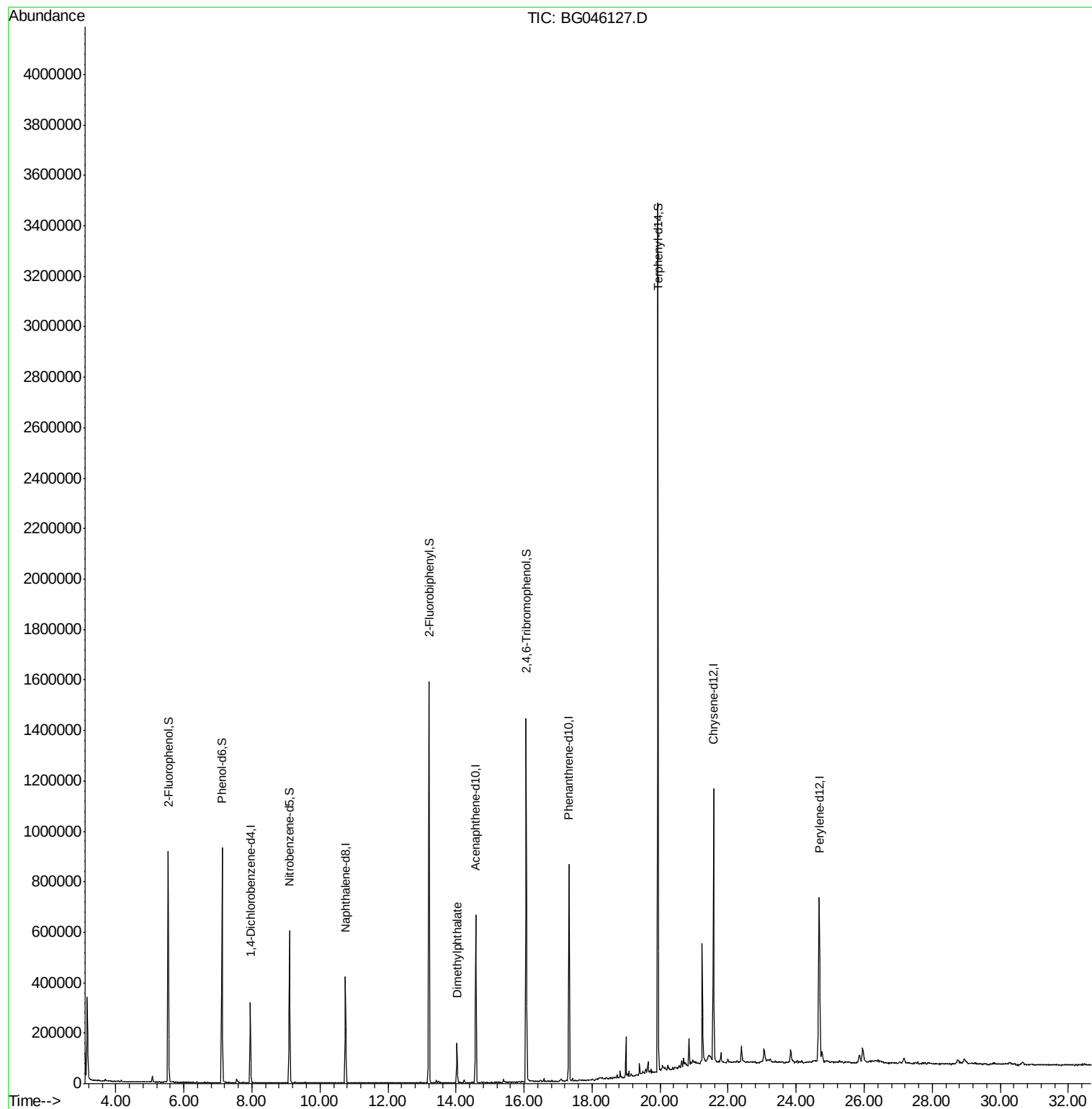
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	95380	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	370942	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	236279	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	559426	20.00	ng	0.00
76) Chrysene-d12	21.57	240	651192	20.00	ng	0.00
86) Perylene-d12	24.68	264	656040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	420091	76.56	ng	0.00
7) Phenol-d6	7.12	99	544165	72.77	ng	0.00
23) Nitrobenzene-d5	9.11	82	368657	53.81	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	292616	80.63	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	870764	53.53	ng	0.00
79) Terphenyl-d14	19.93	244	1508977	47.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	108411	5.978	ng	Qvalue 99

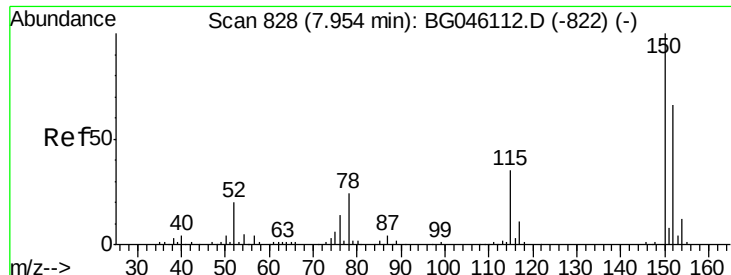
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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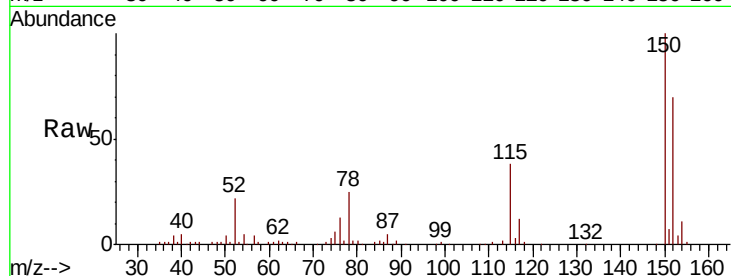


#1

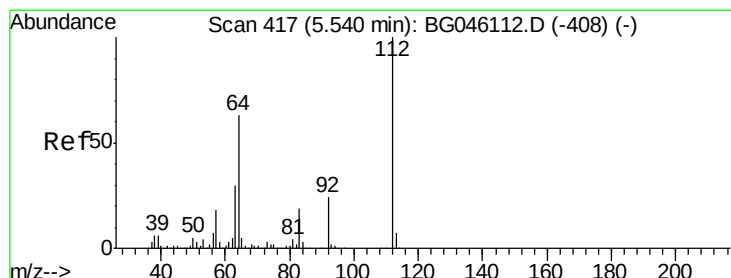
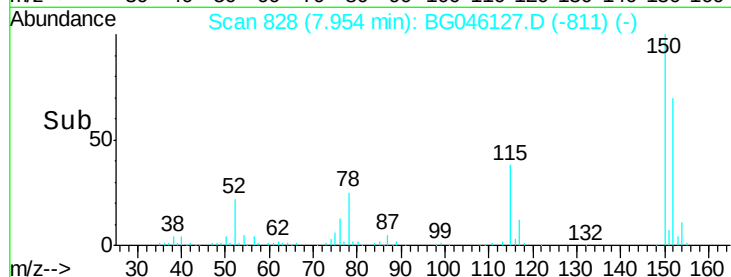
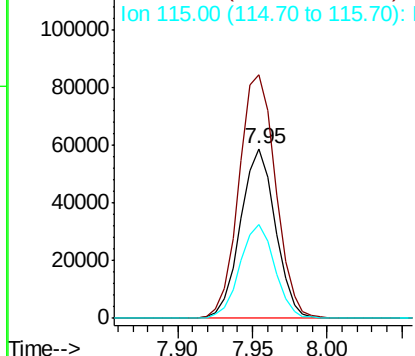
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Instrument :
BNA_G
ClientSampleId :
CS-3

Tot Ion:152 Resp: 95380
Ion Ratio Lower Upper
152 100
150 143.4 122.1 183.1
115 55.0 43.2 64.8



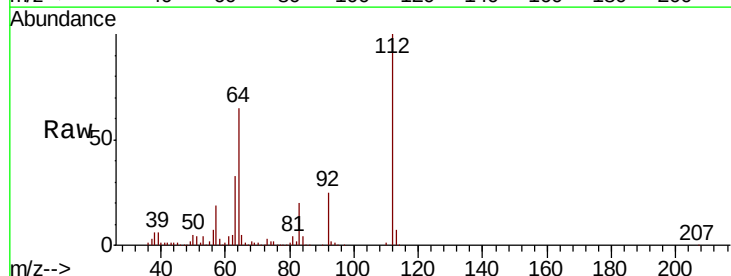
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



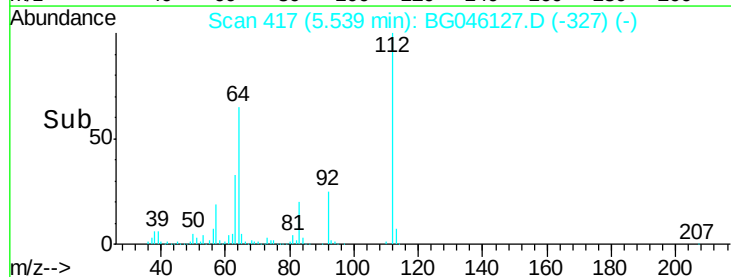
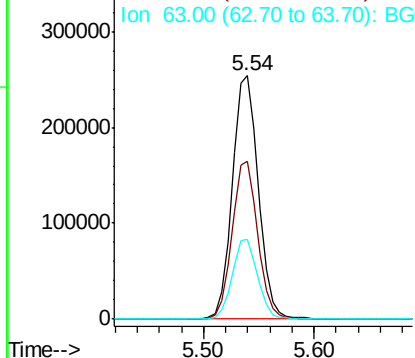
#5

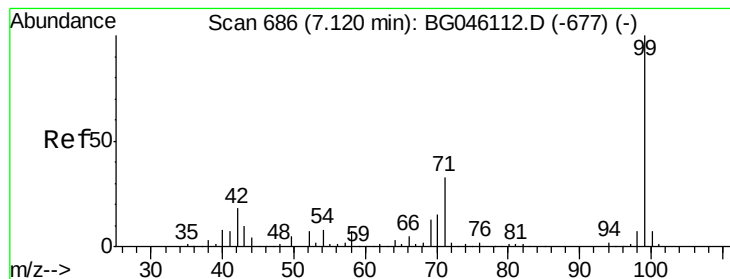
2-Fluorophenol
Concen: 76.565 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Tgt Ion:112 Resp: 420091
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.2
63 32.7 24.2 36.4



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: 72.772 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

Instrument :

BNA_G

ClientSampled :

CS-3

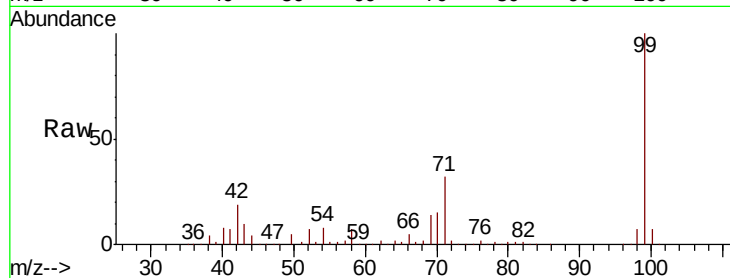
Tot Ion: 99 Resp: 544165

Ion Ratio Lower Upper

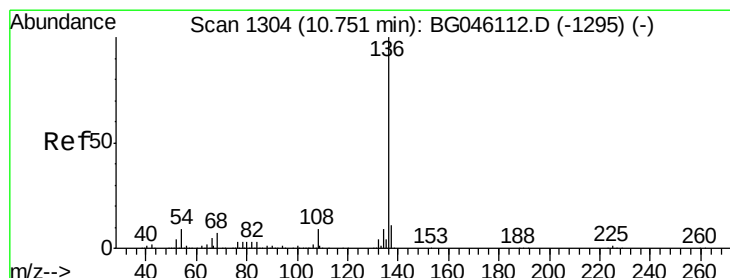
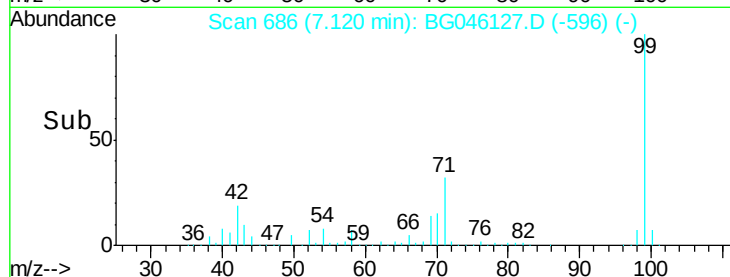
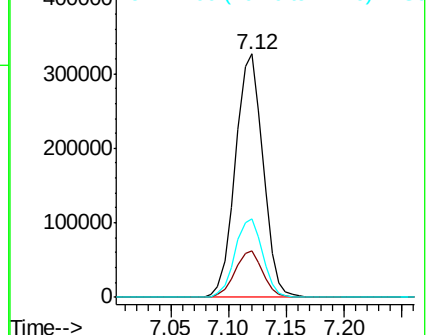
99 100

42 18.9 14.7 22.1

71 32.3 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: BG046127.D

Acq: 31 Jul 2020 16:05

Tgt Ion: 136 Resp: 370942

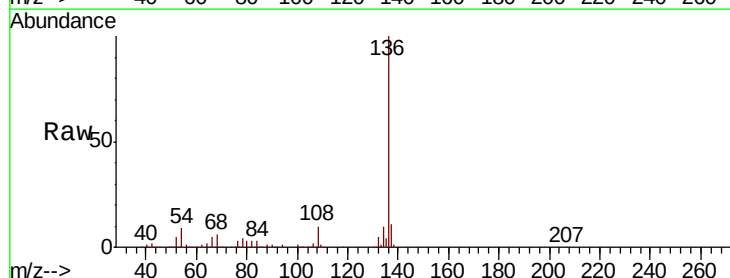
Ion Ratio Lower Upper

136 100

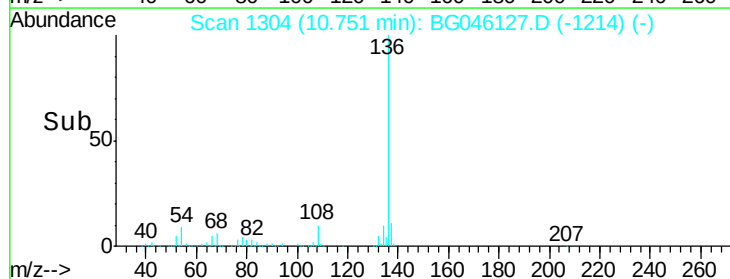
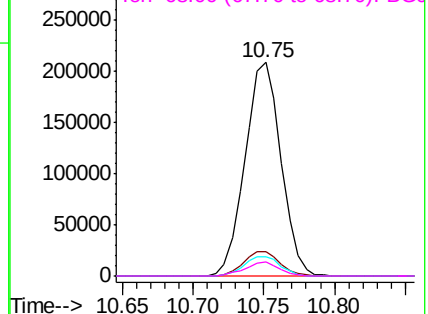
137 11.2 8.8 13.2

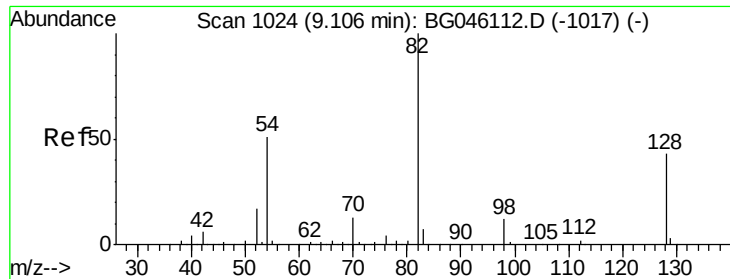
54 9.0 7.0 10.4

68 6.5 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

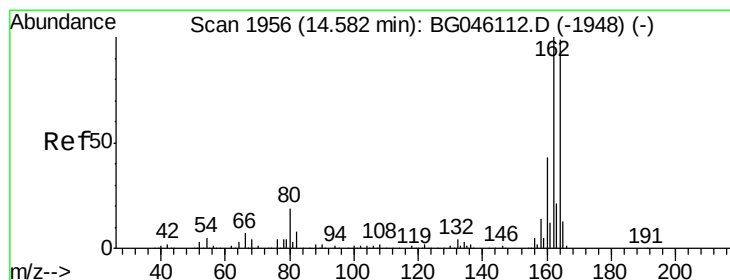
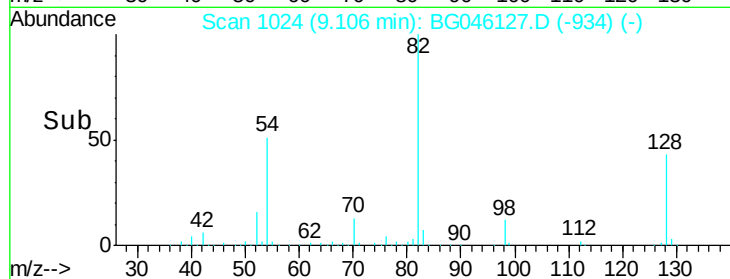
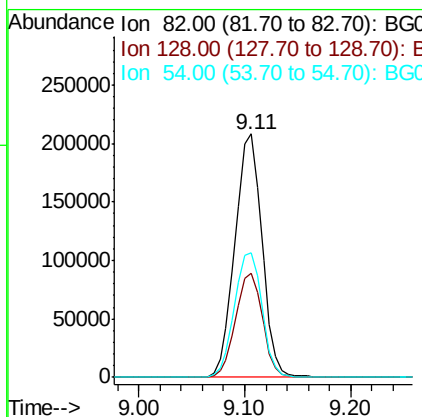
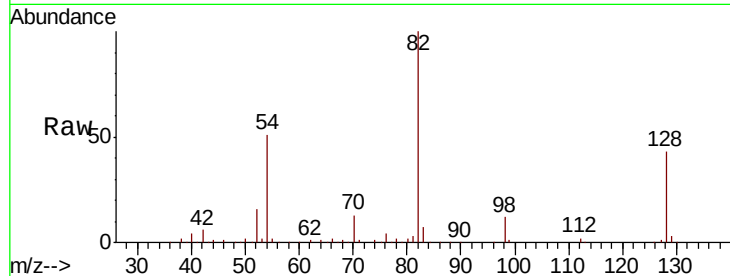




#23
 Nitrobenzene-d5
 Concen: 53.809 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046127.D
 Acq: 31 Jul 2020 16:05

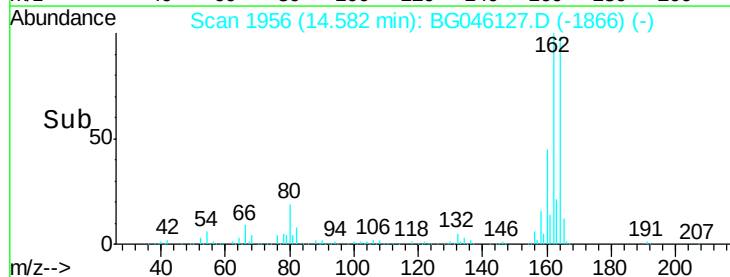
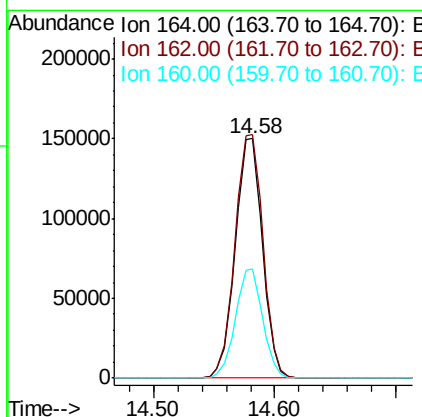
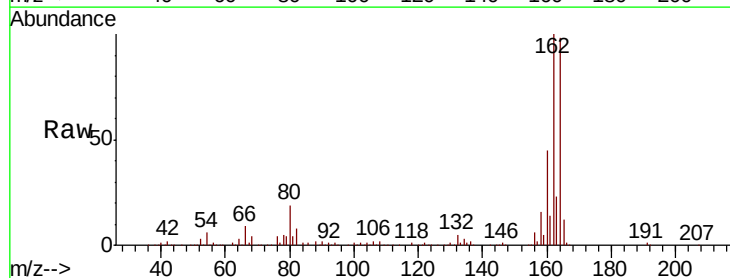
Instrument :
 BNA_G
 ClientSampled :
 CS-3

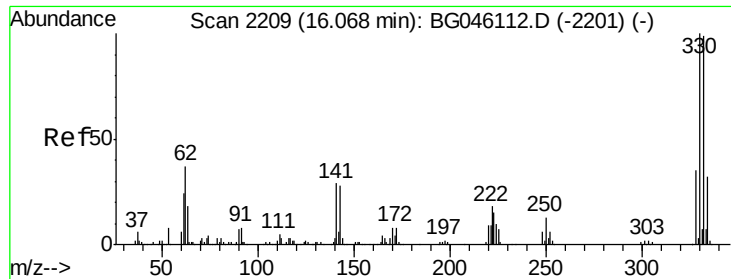
Tot Ion	82	Resp	368657
Ion Ratio	100	Lower	Upper
128	42.9	34.4	51.6
54	51.0	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG046127.D
 Acq: 31 Jul 2020 16:05

Tgt Ion	164	Resp	236279
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.6	80.6	121.0
160	45.7	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 80.628 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

Instrument :

BNA_G

ClientSampled :

CS-3

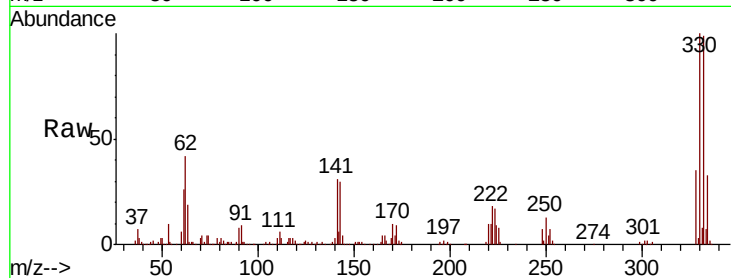
Tot Ion:330 Resp: 292616

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

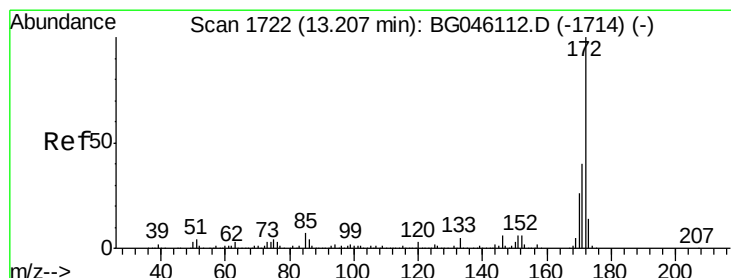
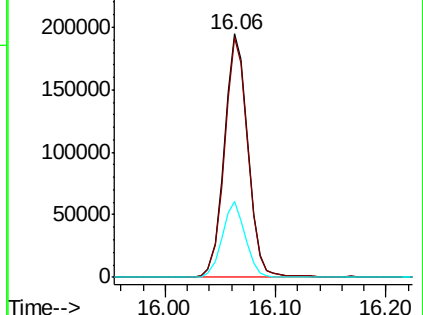
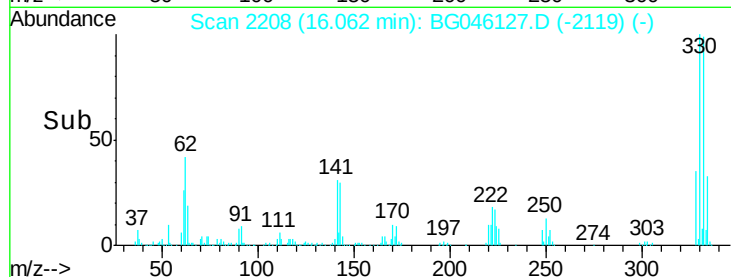
141 30.4 23.4 35.0



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: 53.534 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

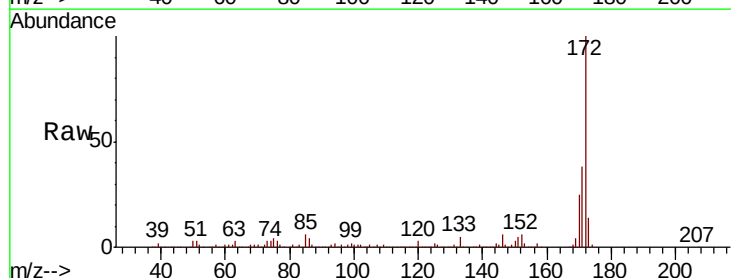
Tgt Ion:172 Resp: 870764

Ion Ratio Lower Upper

172 100

171 38.4 31.7 47.5

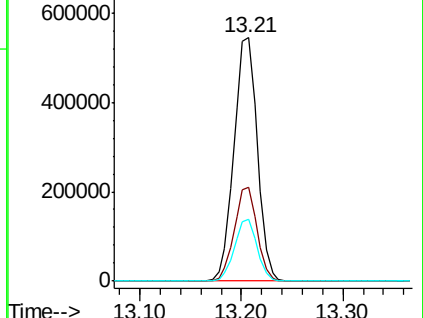
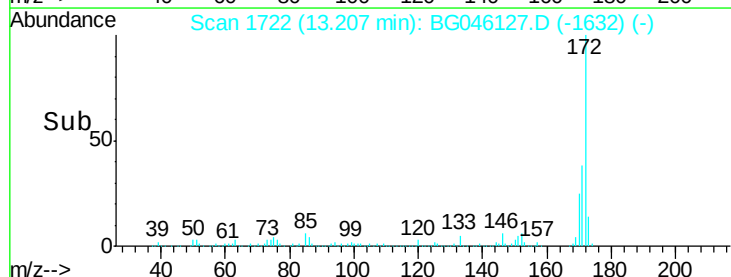
170 25.3 20.9 31.3

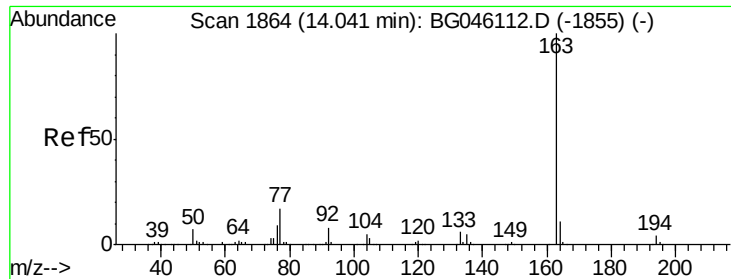


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

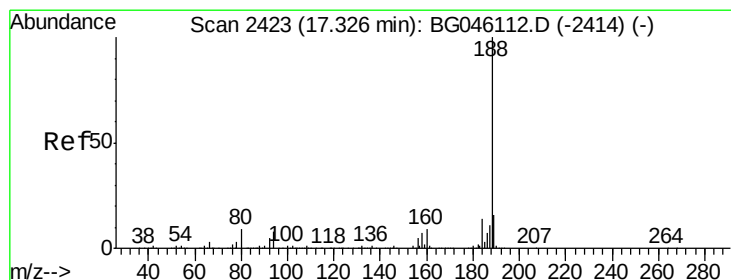
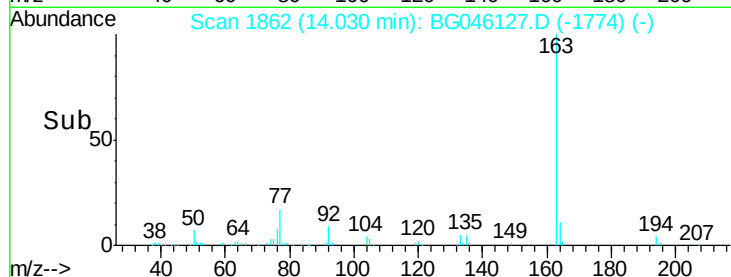
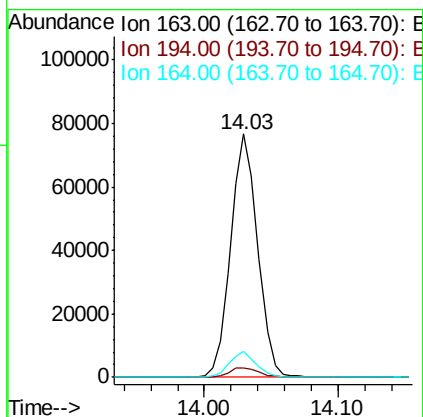
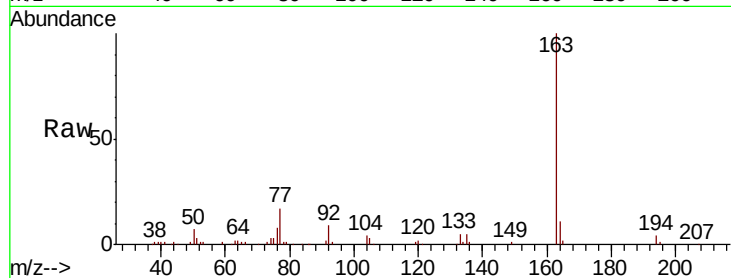




#50
Dimethylphthalate
Concen: 5.978 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

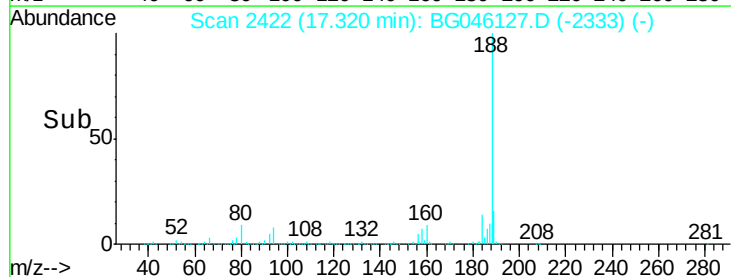
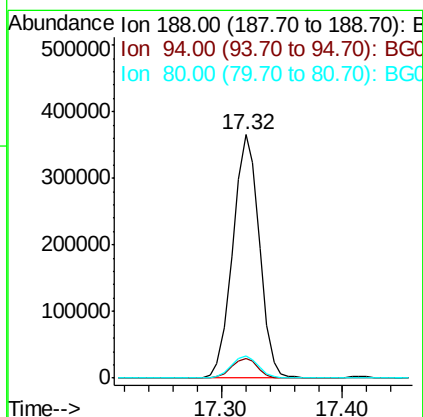
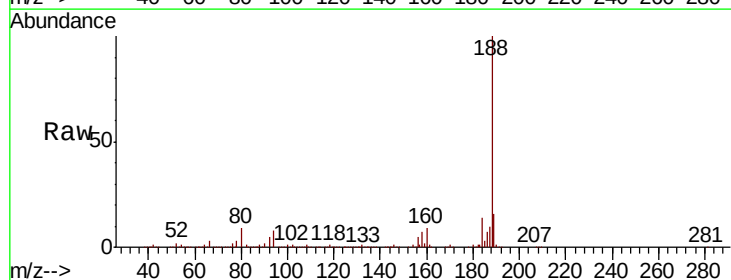
Instrument :
BNA_G
ClientSampled :
CS-3

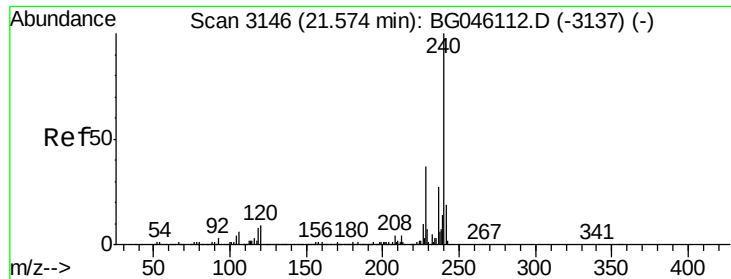
Tot Ion:163 Resp: 108411
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.9 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Tgt Ion:188 Resp: 559426
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.9 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: BG046127.D

Acq: 31 Jul 2020 16:05

Instrument :

BNA_G

ClientSampled :

CS-3

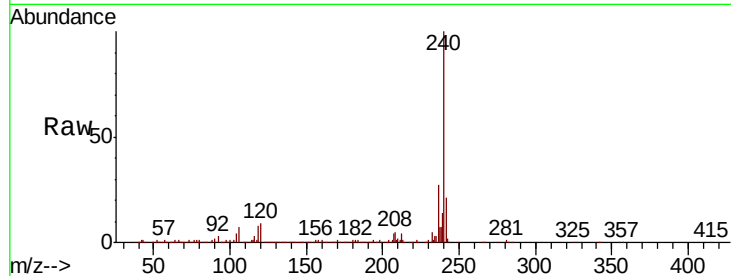
Tot Ion:240 Resp: 651192

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

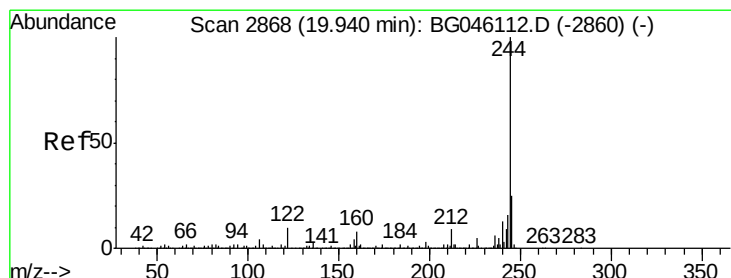
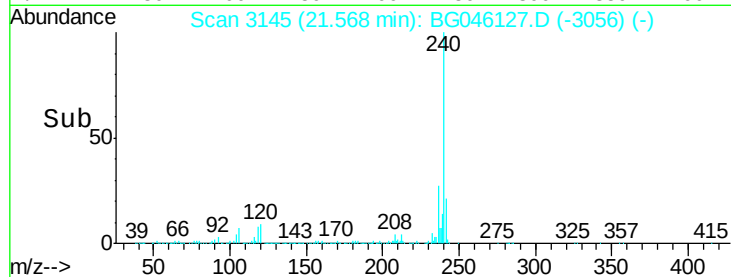
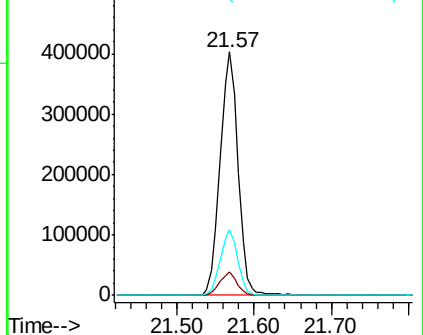
236 27.2 21.7 32.5



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: 47.194 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

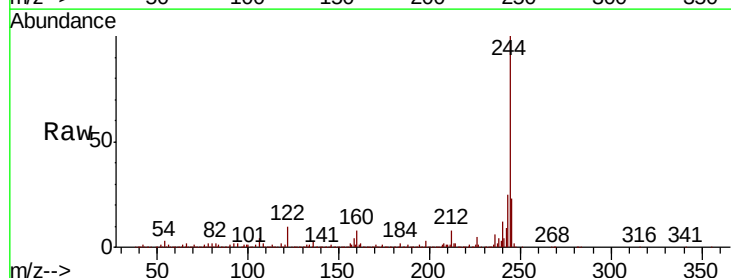
Tgt Ion:244 Resp: 1508977

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

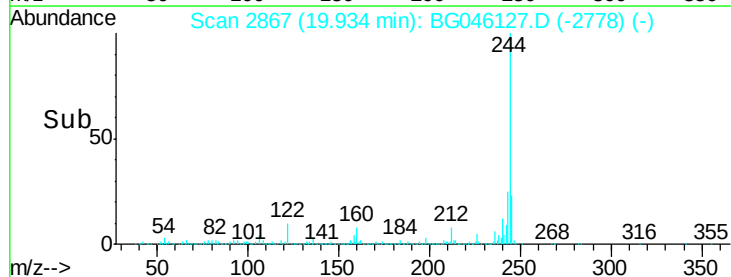
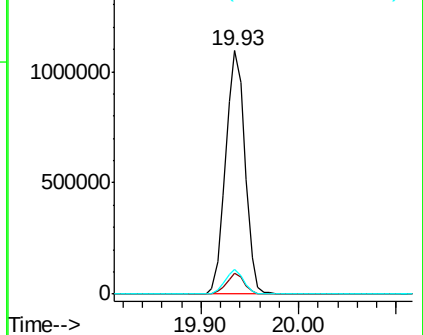
122 9.9 8.3 12.5

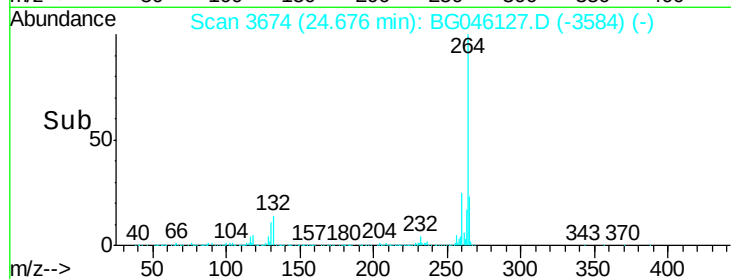
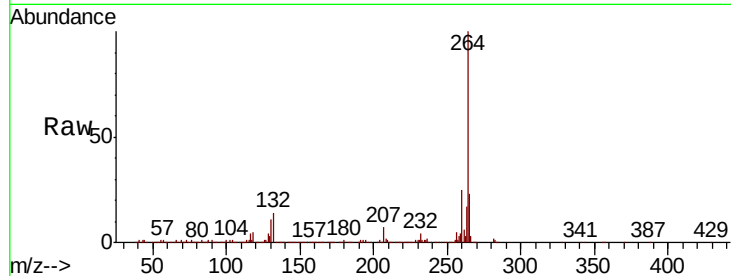
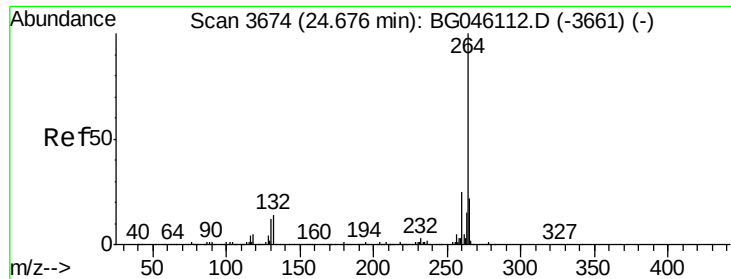


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.68 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Instrument :
BNA_G
ClientSampleId :
CS-3

Tot Ion: 264 Resp: 656040

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.7	17.6	26.4

