

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 17:52:57 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

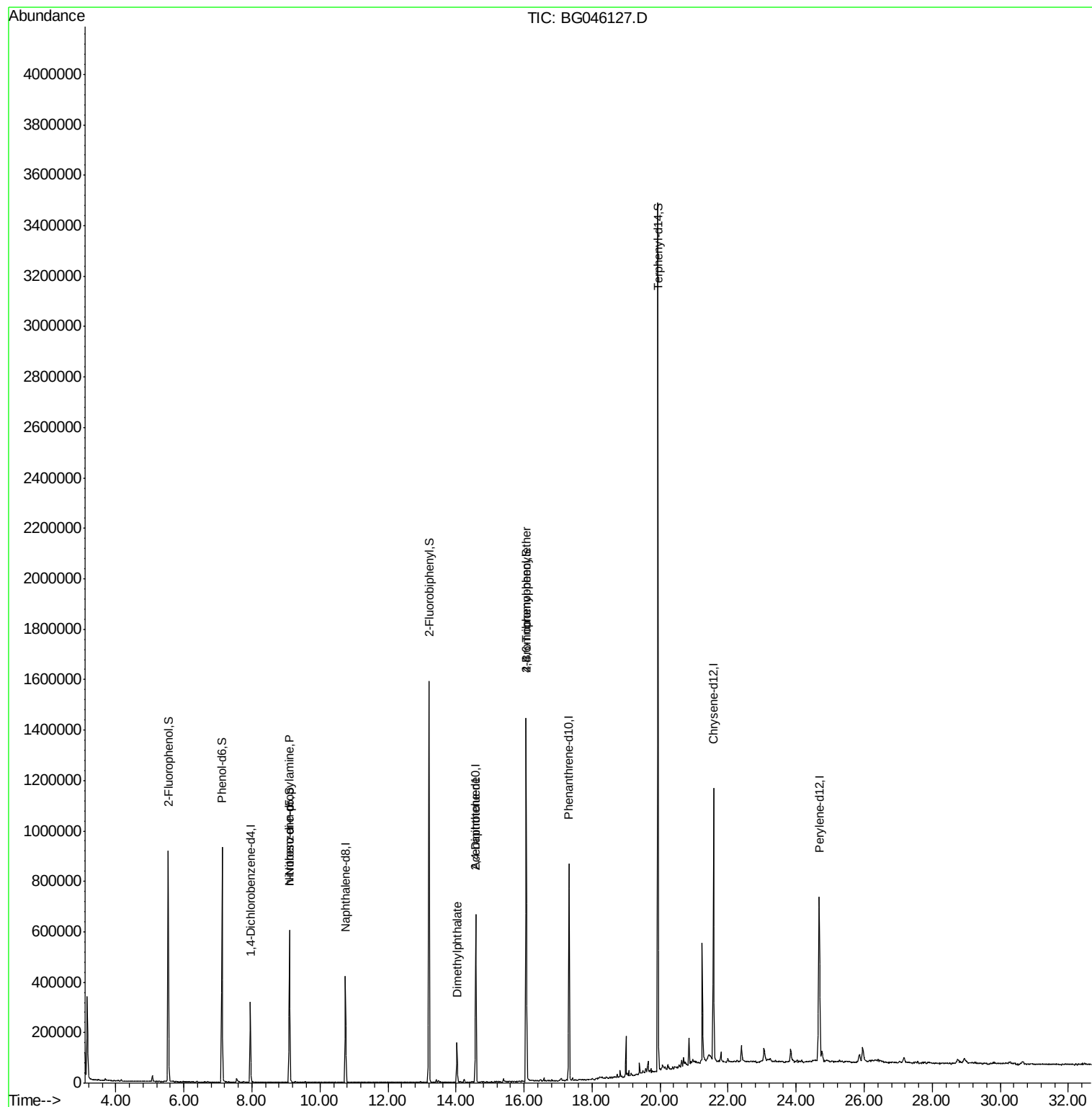
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	95380	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	370942	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	236279	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	559426	20.00	ng	0.00
76) Chrysene-d12	21.57	240	651192	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						
19) n-Nitroso-di-n-propylamine	9.10	70	47798	9.822	ng	# 82
50) Dimethylphthalate	14.03	163	108411	5.978	ng	# 99
57) 2,4-Dinitrotoluene	14.58	165	29925	5.157	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	18882	2.732	ng	# 1

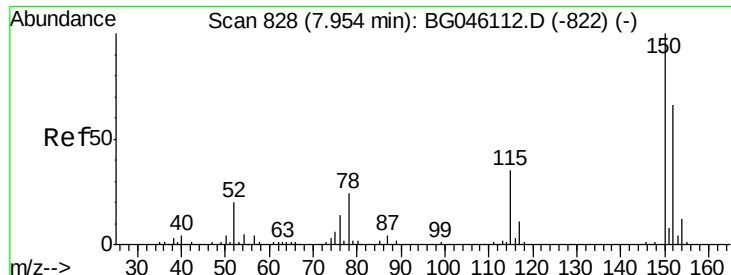
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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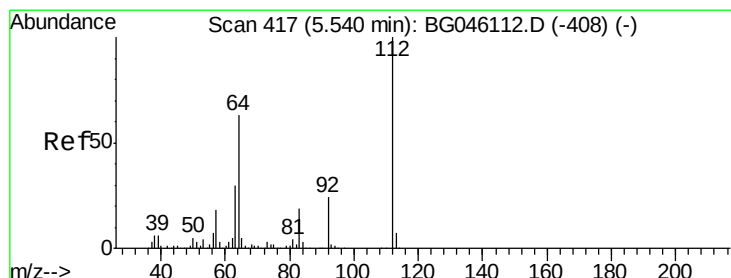
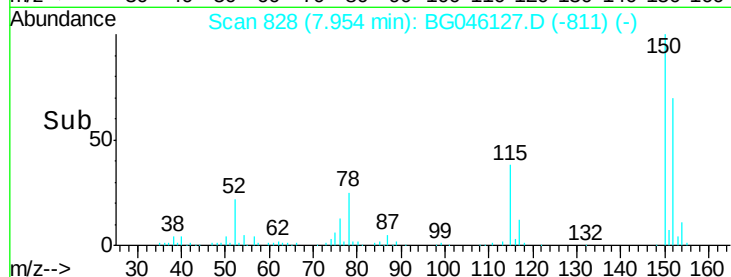
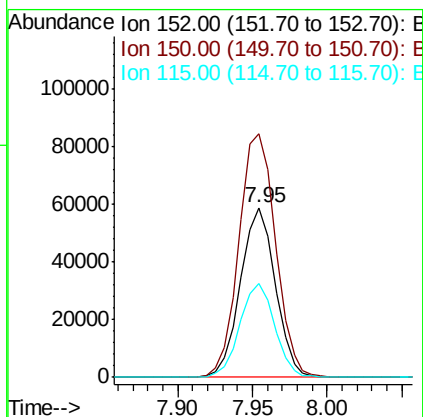
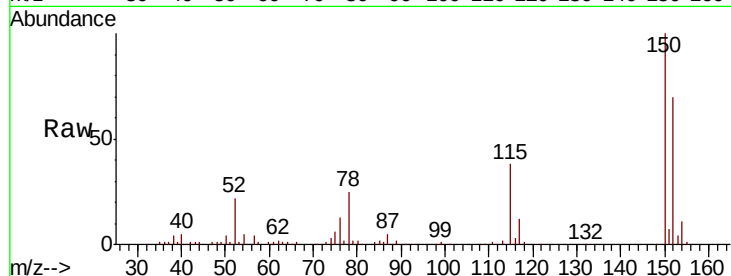


#1

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

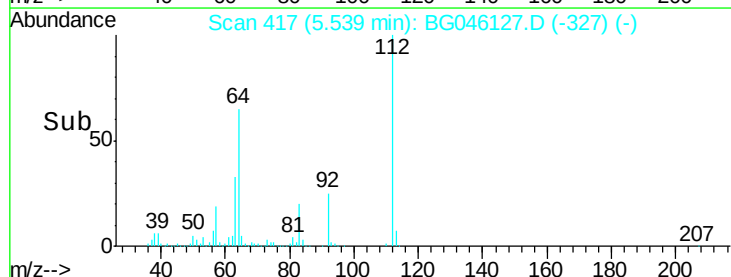
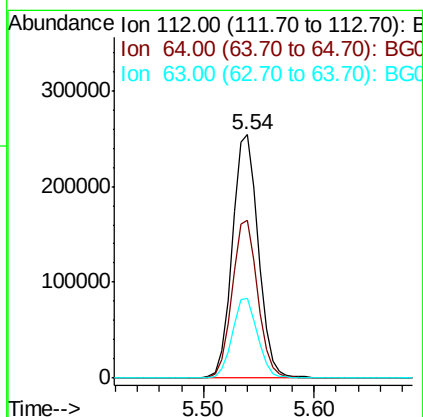
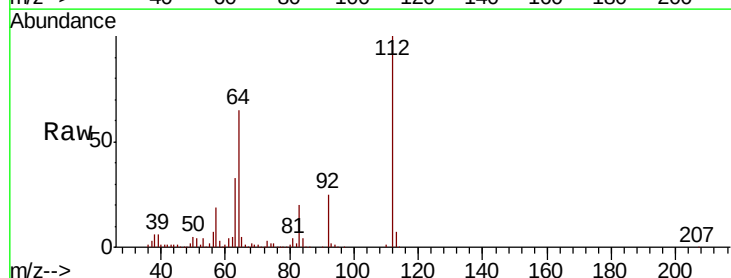
Tot Ion:152 Resp: 95380
Ion Ratio Lower Upper
152 100
150 143.4 122.1 183.1
115 55.0 43.2 64.8

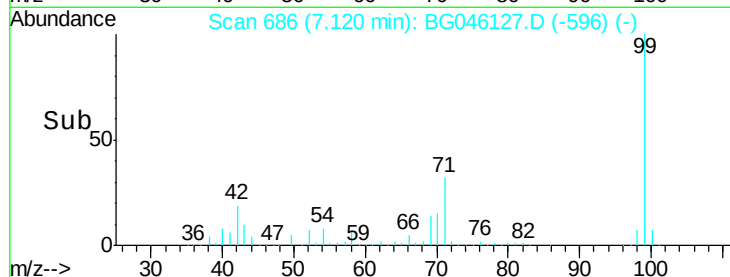
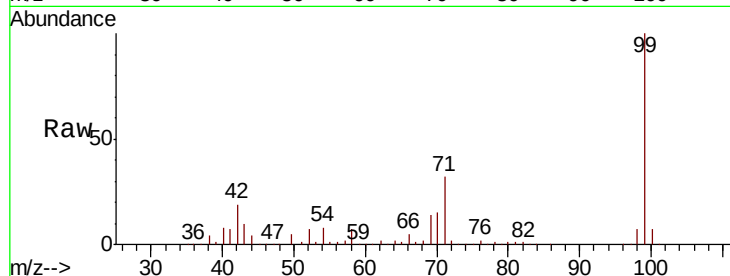
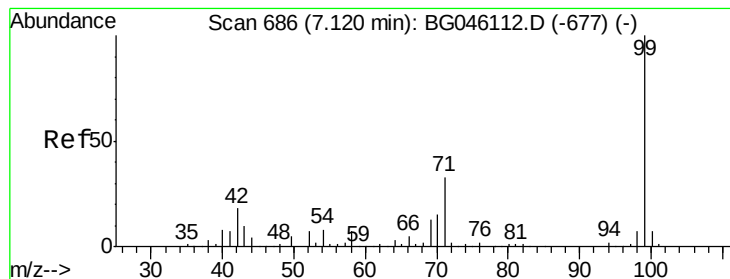


#5

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





#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

ClientSampleId :

CS-3

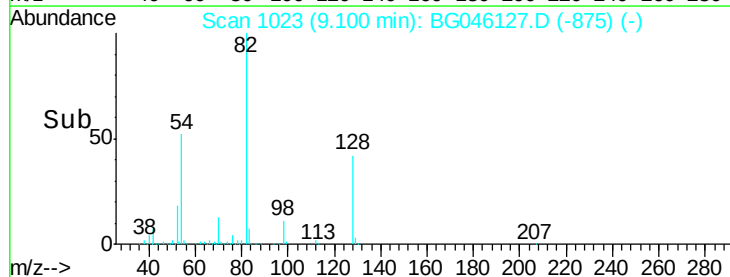
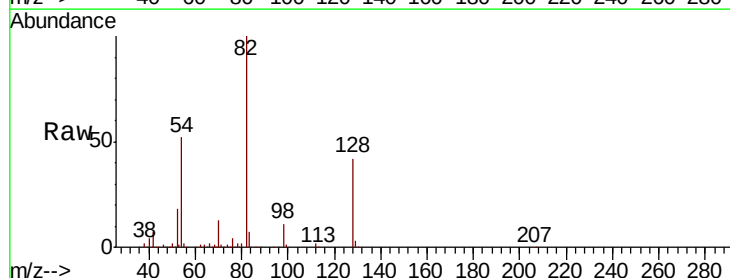
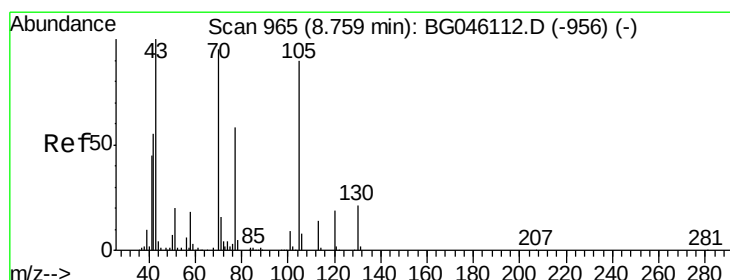
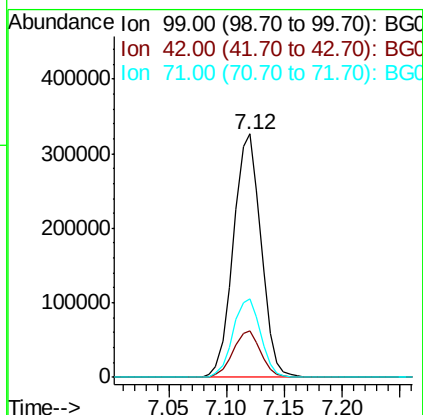
Tot Ion: 99 Resp: 544165

Ion Ratio Lower Upper

99 100

42 18.9 14.7 22.1

71 32.3 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.822 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

Tgt Ion: 70 Resp: 47798

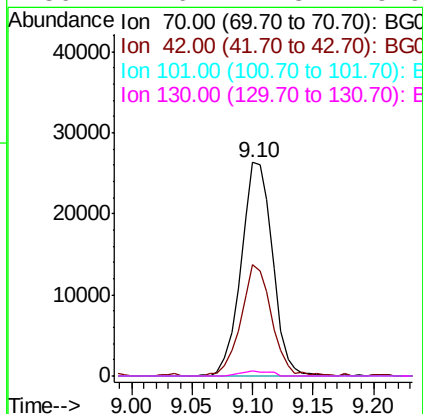
Ion Ratio Lower Upper

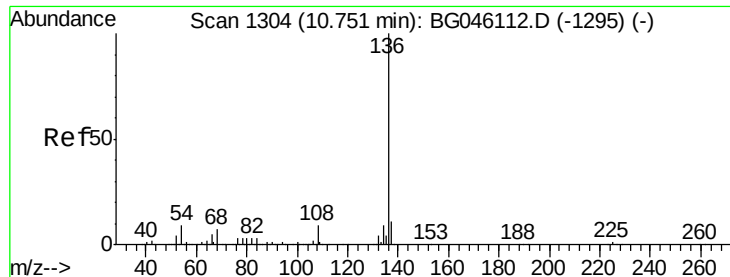
70 100

42 52.3 46.5 69.7

101 0.0 7.6 11.4#

130 2.6 17.3 25.9#

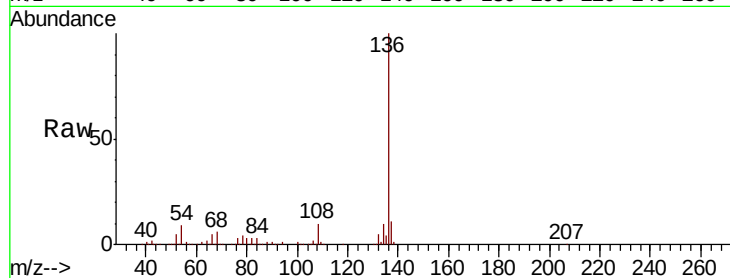




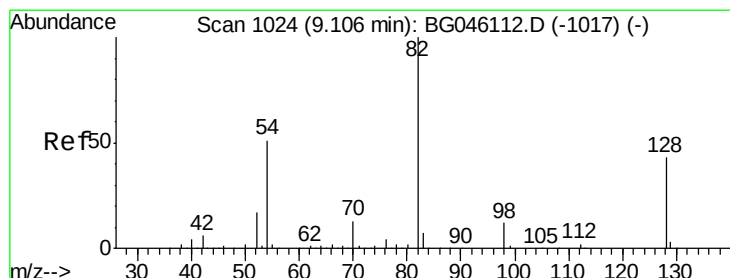
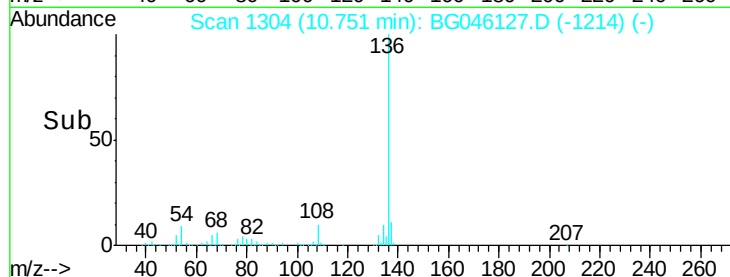
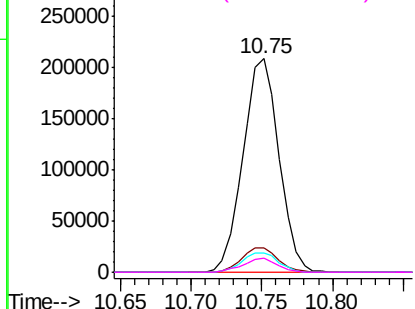
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Instrument :
BNA_G
ClientSampleId :
CS-3

Tot 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	

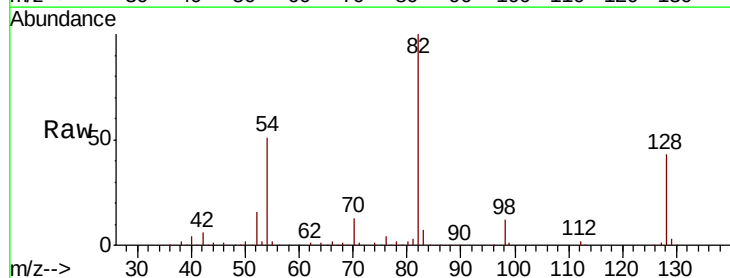


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

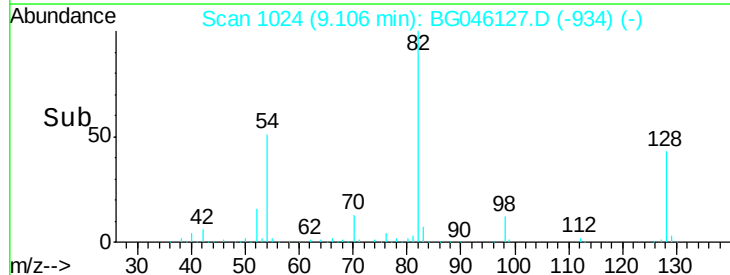
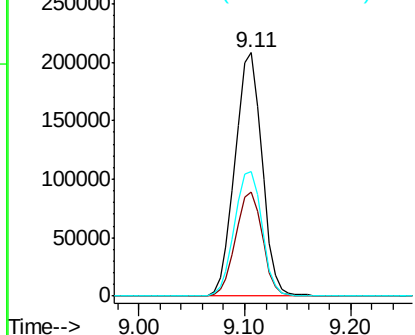


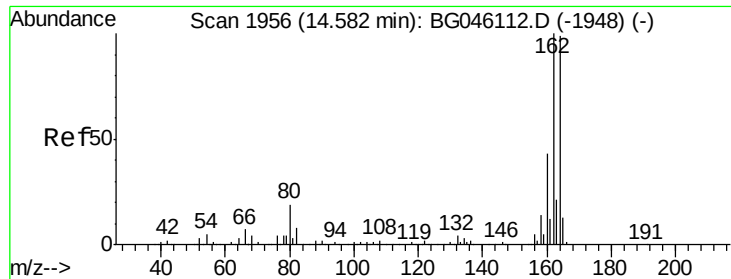
#23
Nitrobenzene-d5
Concen: 53.809 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

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



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG046127.D

Acq: 31 Jul 2020 16:05

Instrument :

BNA_G

ClientSampleId :

CS-3

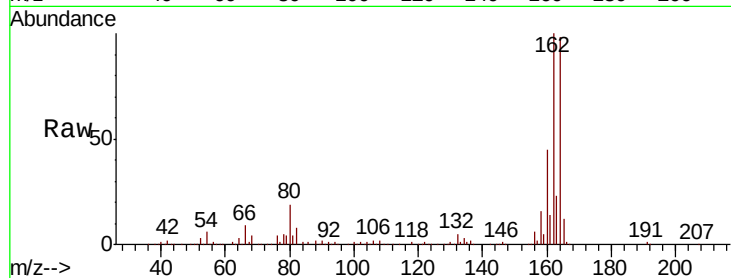
Tot Ion:164 Resp: 236279

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

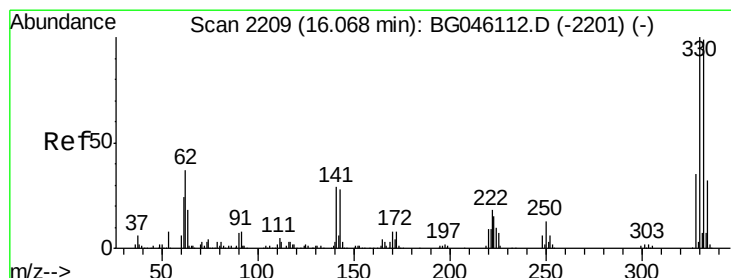
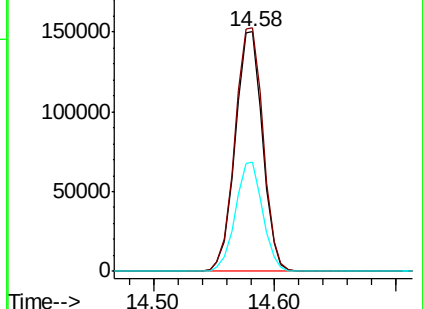
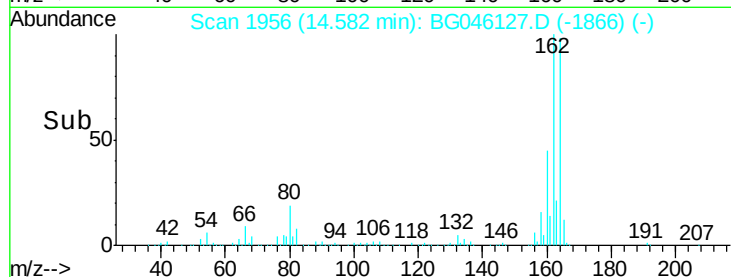
160 45.7 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

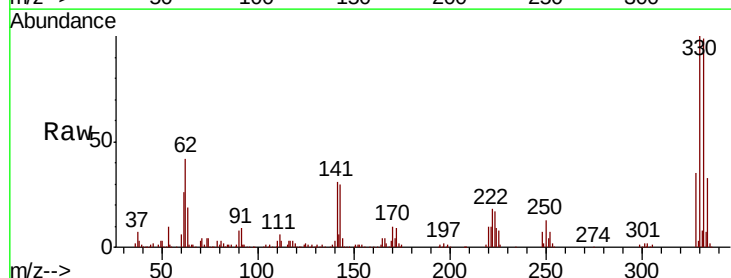
Tgt Ion:330 Resp: 292616

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

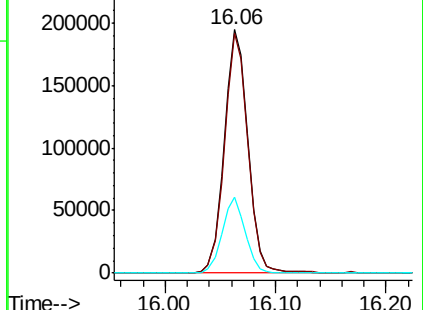
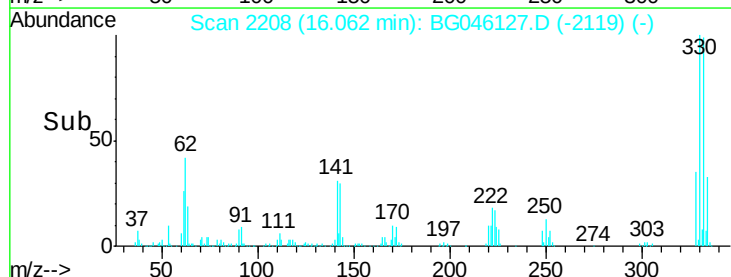
141 30.4 23.4 35.0

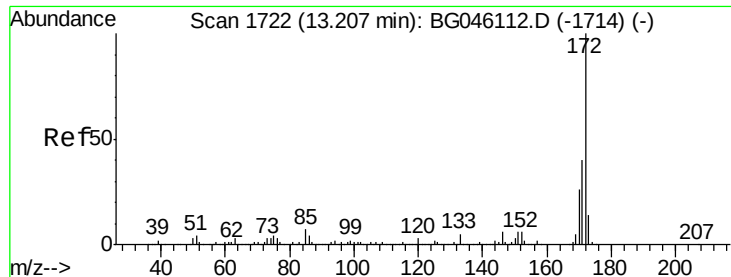


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

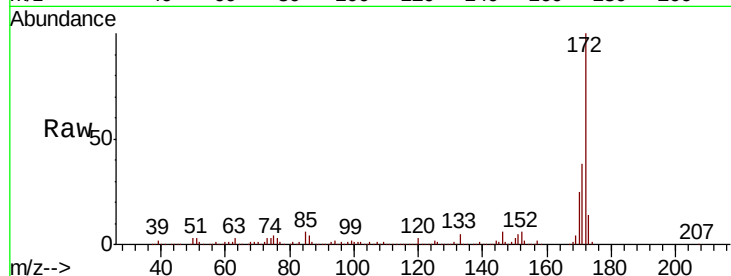




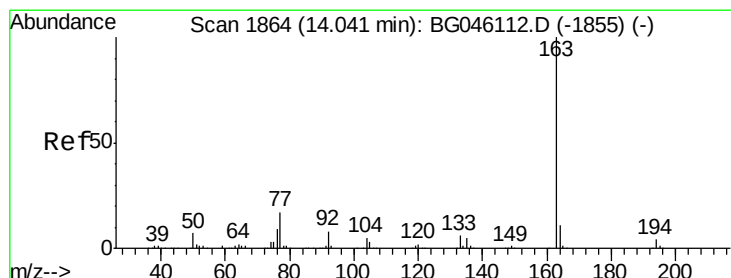
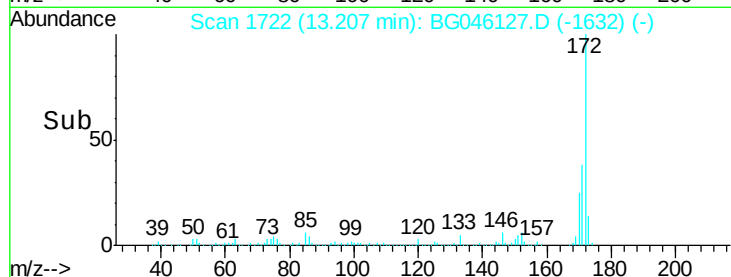
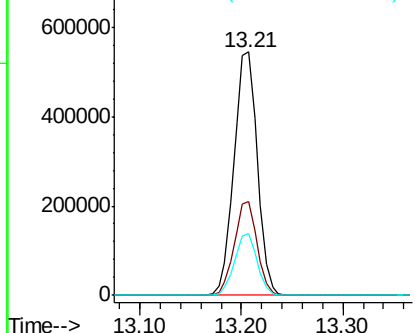
#45
2-Fluorobiphenyl
Concen: 53.534 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Instrument :
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ClientSampleId :
CS-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.7	47.5
170	25.3	20.9	31.3

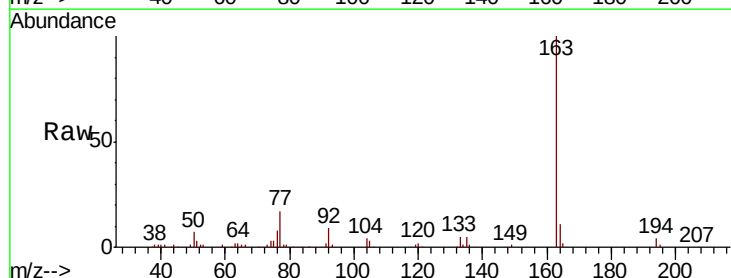


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

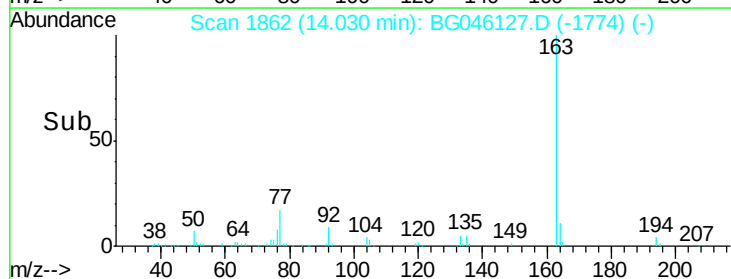
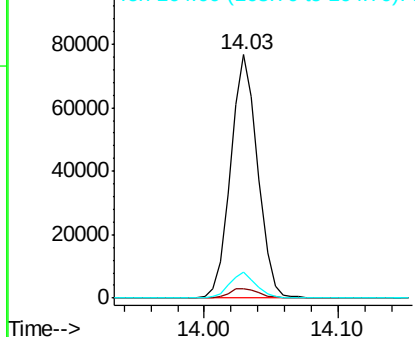


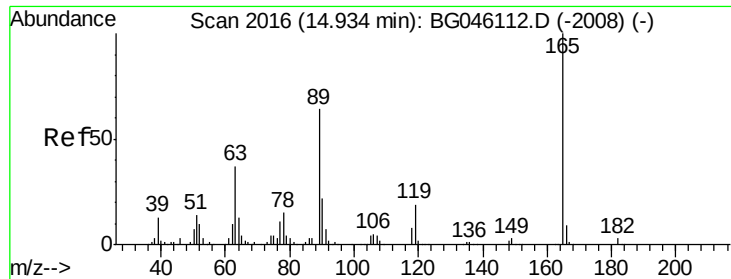
#50
Dimethylphthalate
Concen: 5.978 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046127.D
Acq: 31 Jul 2020 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.9	8.8	13.2



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

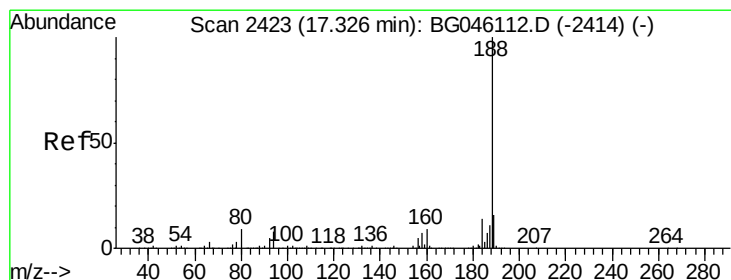
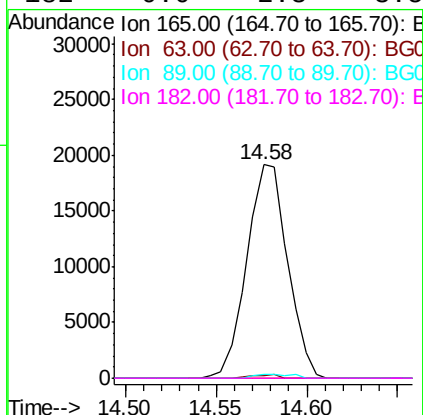
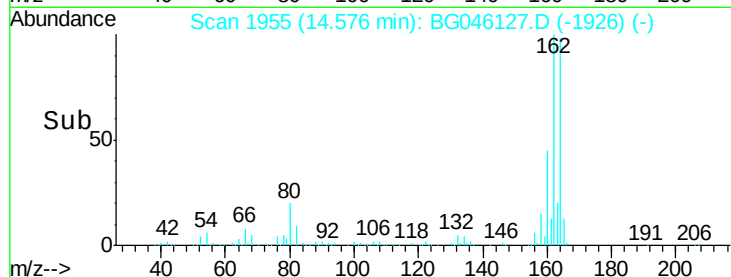
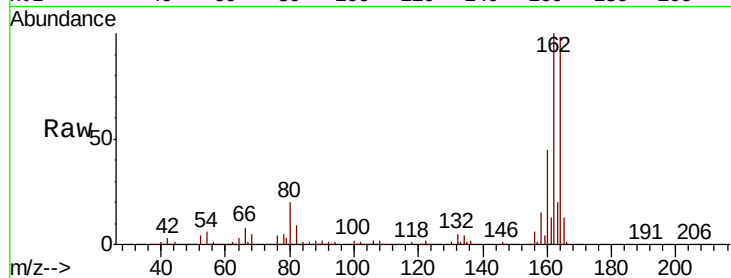




#57
 2,4-Dinitrotoluene
 Concen: 5.157 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046127.D
 Acq: 31 Jul 2020 16:05

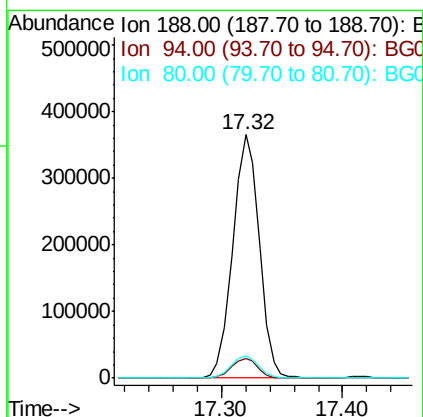
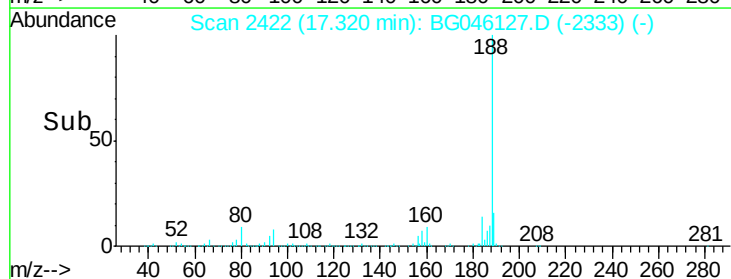
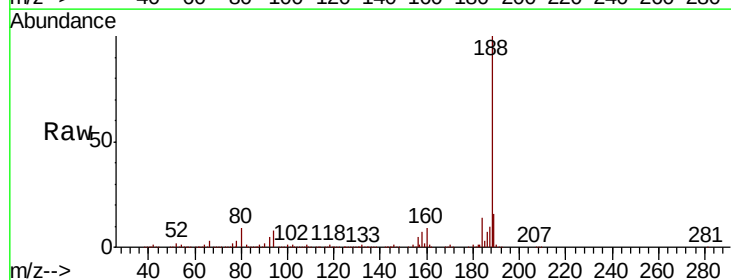
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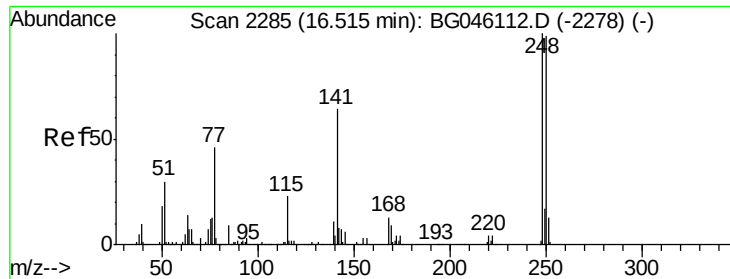
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.1	45.1#
89	2.0	51.4	77.2#
182	0.0	2.3	3.5#



#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	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.9	7.4	11.0

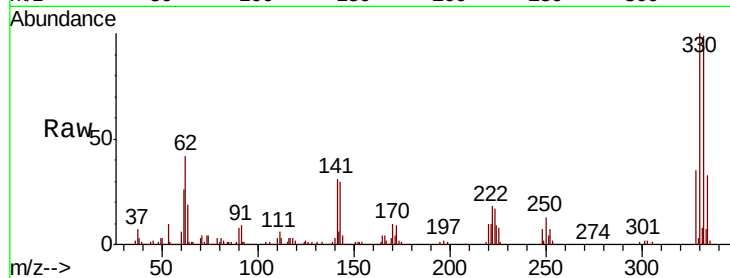




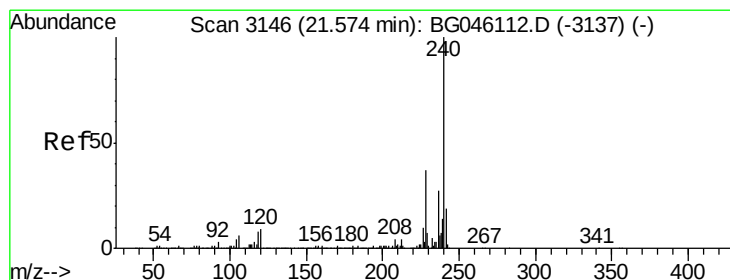
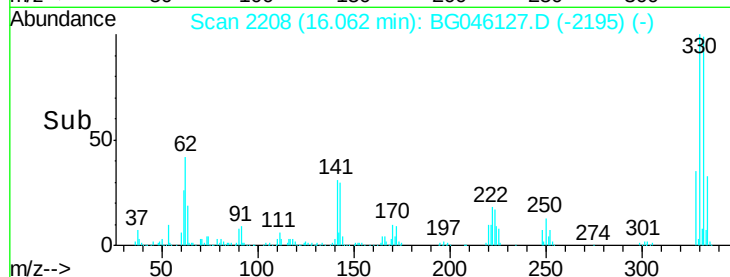
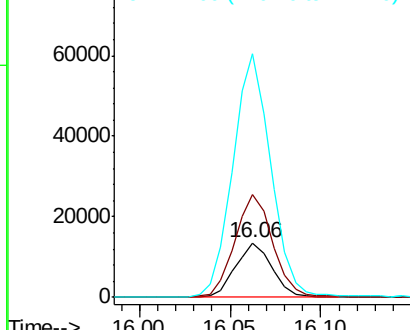
#67
 4-Bromophenyl-phenylether
 Concen: 2.732 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BG046127.D
 Acq: 31 Jul 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 CS-3

Tot Ion:248 Resp: 18882
 Ion Ratio Lower Upper
 248 100
 250 187.0 79.4 119.0#
 141 444.1 50.9 76.3#

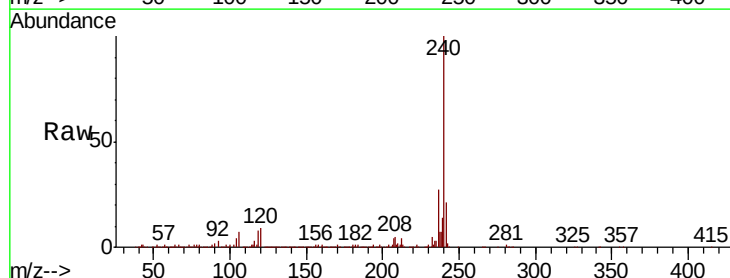


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

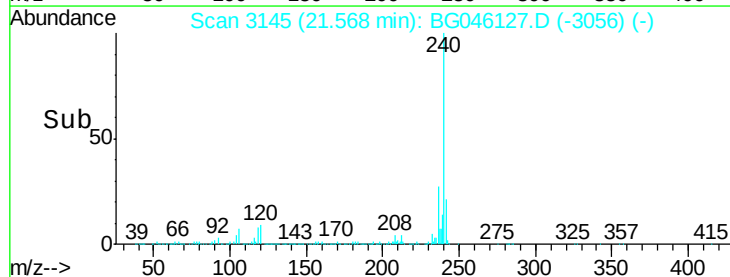
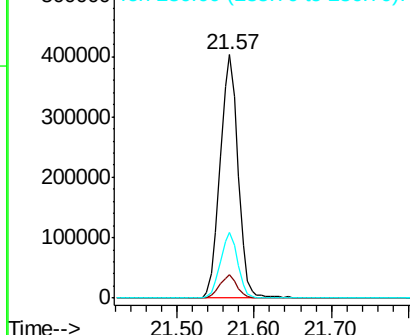


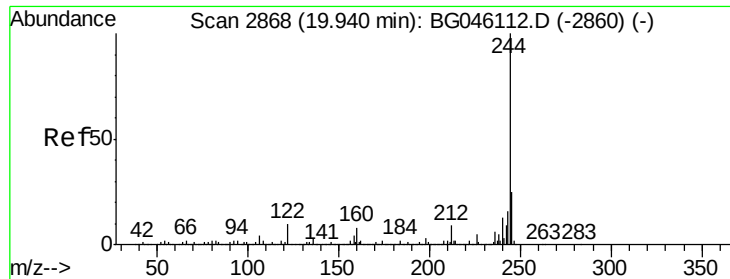
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG046127.D
 Acq: 31 Jul 2020 16:05

Tgt 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

Instrument :

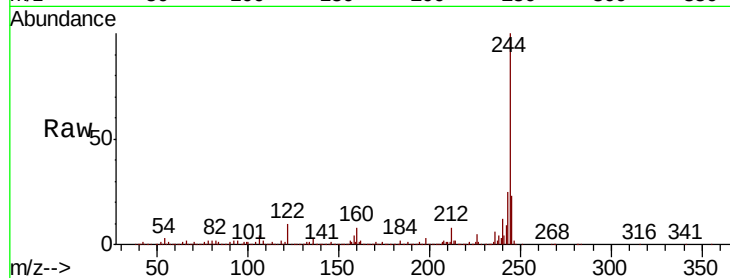
BNA_G

ClientSampled :

CS-3

Tot Ion:244 Resp: 1508977

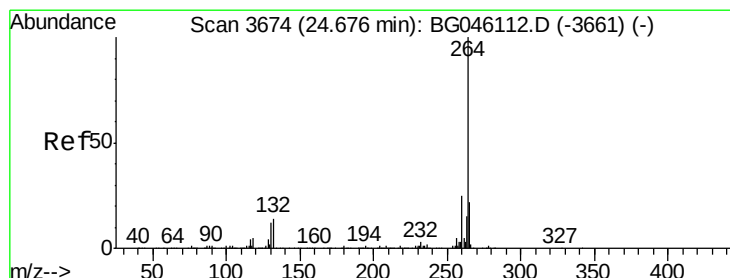
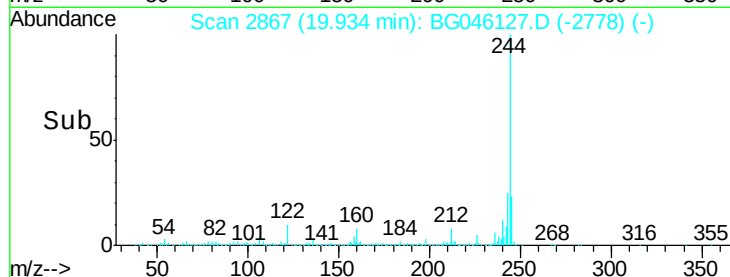
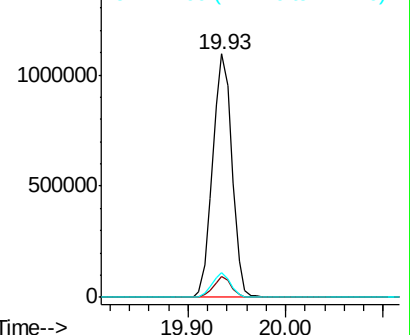
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.2	10.8
122	9.9	8.3	12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3674

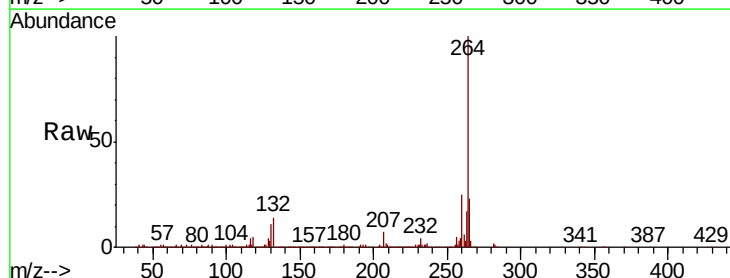
Delta R.T. -0.00 min

Lab File: BG046127.D

Acq: 31 Jul 2020 16:05

Tgt Ion:264 Resp: 656040

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



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

