

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046475.D
 Acq On : 31 Aug 2020 19:12
 Operator : CG/JU
 Sample : L3828-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-3

Quant Time: Sep 01 00:45:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

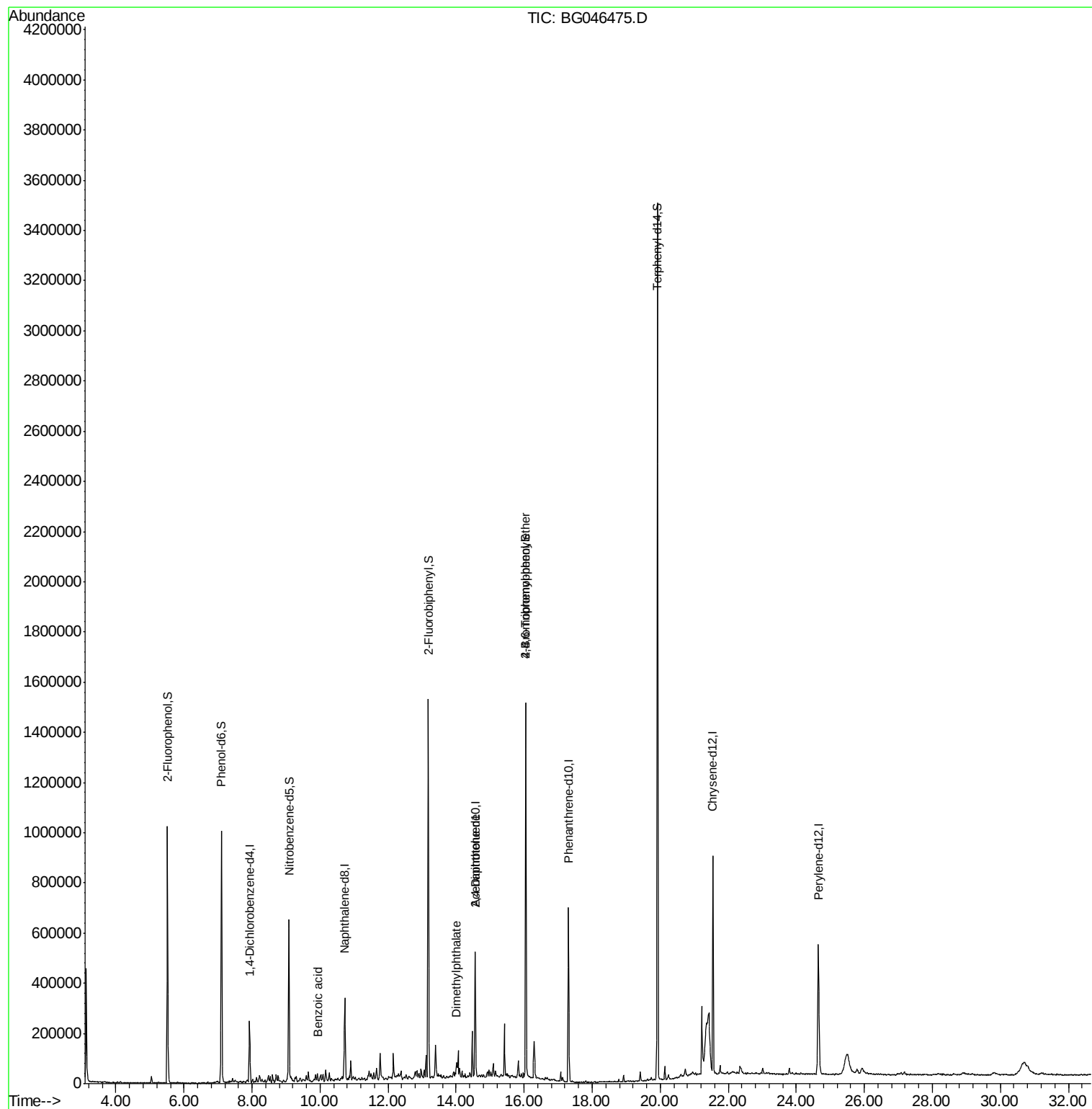
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	68028	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	268413	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	181126	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	472713	20.00	ng	0.00
76) Chrysene-d12	21.55	240	528382	20.00	ng	0.00
86) Perylene-d12	24.65	264	560640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	486144	126.57	ng	0.00
7) Phenol-d6	7.10	99	638178	117.21	ng	0.00
23) Nitrobenzene-d5	9.09	82	397620	84.67	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	294925	120.17	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	838593	70.68	ng	0.00
79) Terphenyl-d14	19.92	244	1553433	62.57	ng	0.00
Target Compounds						
32) Benzoic acid	9.95	122	115	4.524	ng	Qvalue # 1
50) Dimethylphthalate	14.01	163	42983	3.067	ng	98
57) 2,4-Dinitrotoluene	14.56	165	24969	5.669	ng	# 32
67) 4-Bromophenyl-phenylether	16.05	248	22271	4.038	ng	# 1

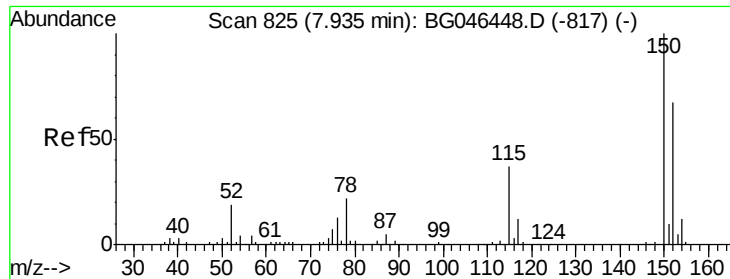
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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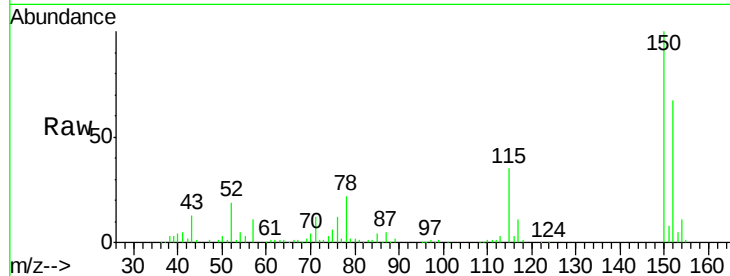


#1

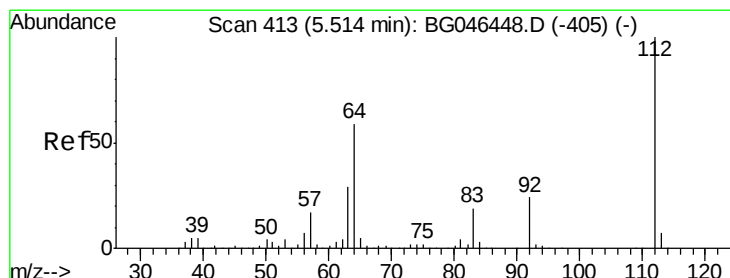
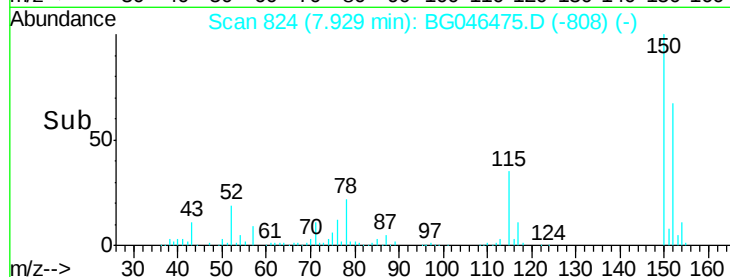
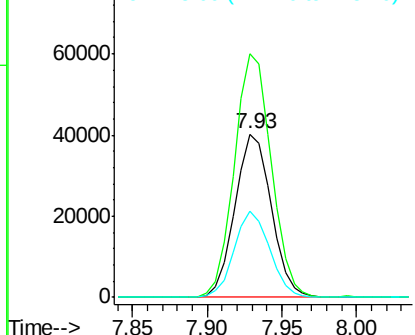
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046475.D
Acq: 31 Aug 2020 19:12

Instrument :
BNA_G
ClientSampleId :
BS-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	52.7	44.3	66.5



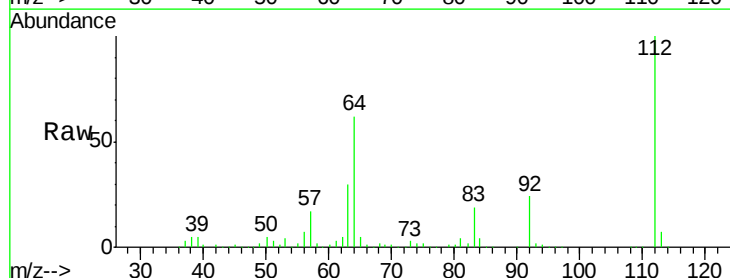
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



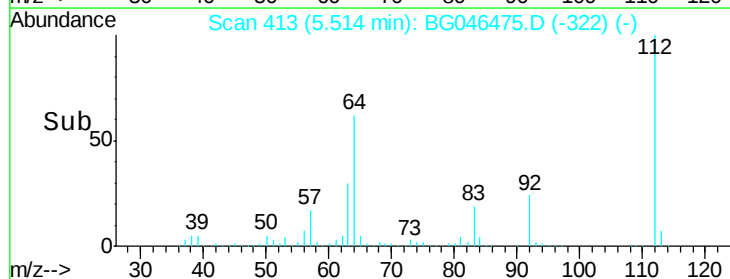
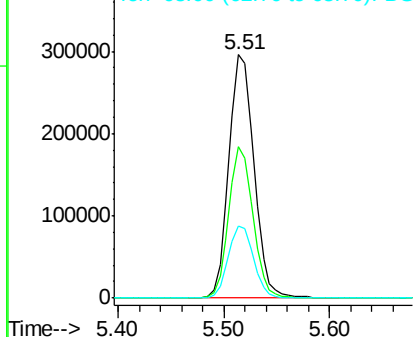
#5

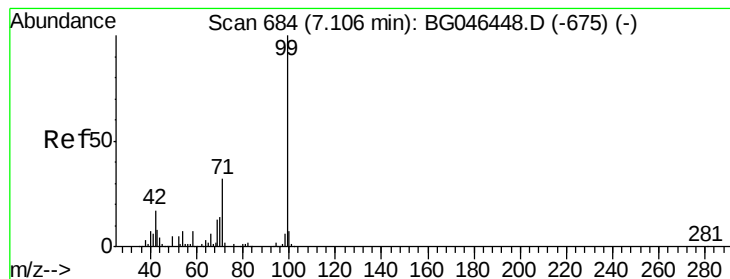
2-Fluorophenol
Concen: 126.573 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046475.D
Acq: 31 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.0	70.6
63	29.8	23.5	35.3



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: 117.210 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

Instrument :

BNA_G

ClientSampleId :

BS-3

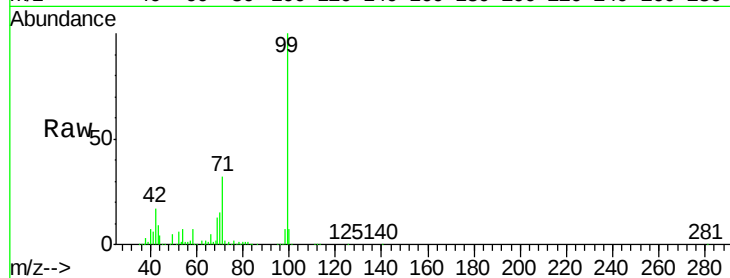
Tot Ion: 99 Resp: 638178

Ion Ratio Lower Upper

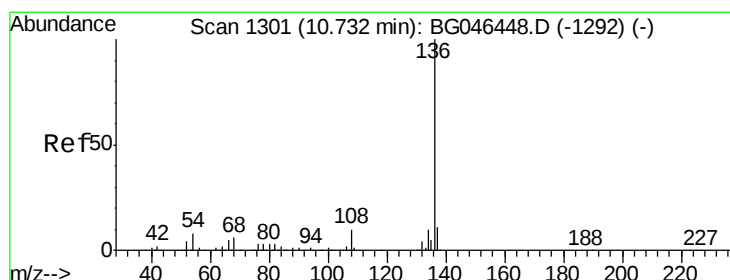
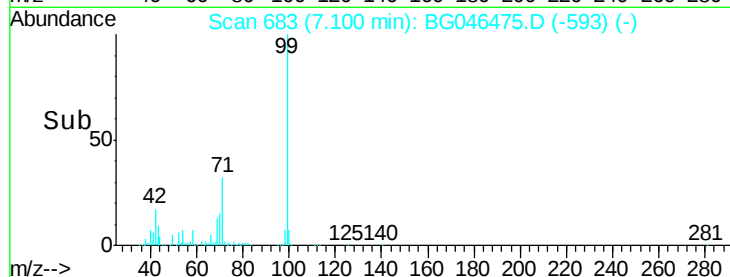
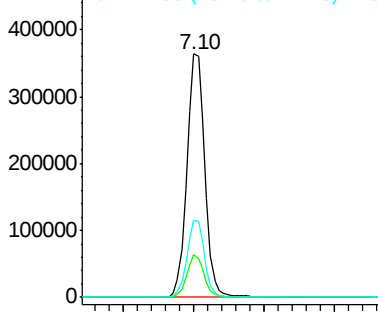
99 100

42 17.4 13.3 19.9

71 31.9 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

Tgt Ion: 136 Resp: 268413

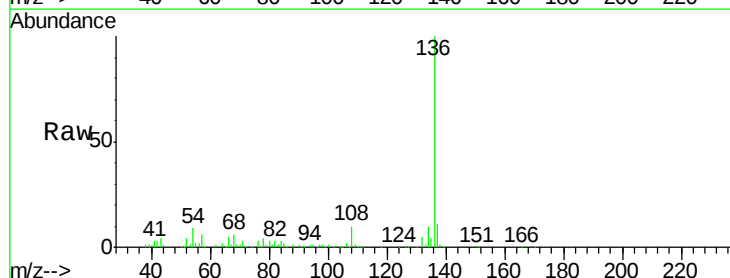
Ion Ratio Lower Upper

136 100

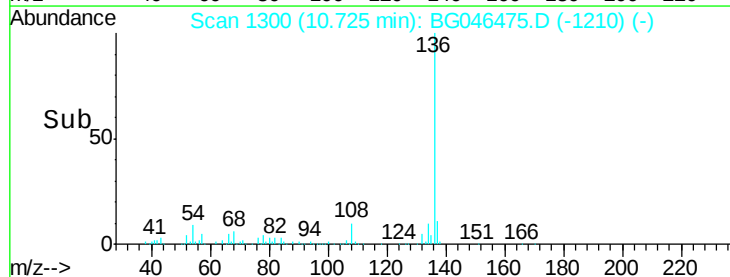
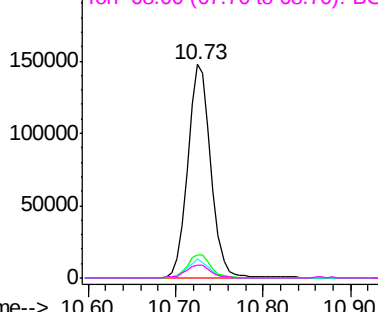
137 10.7 8.8 13.2

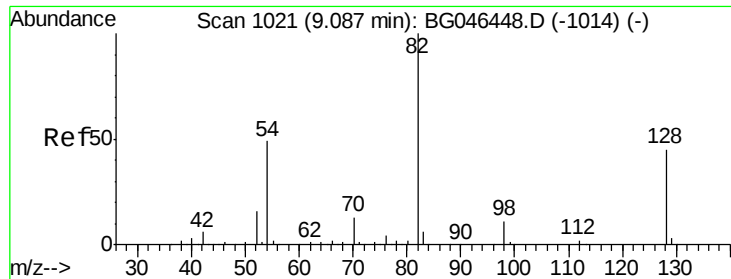
54 8.8 6.1 9.1

68 6.1 4.8 7.2



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

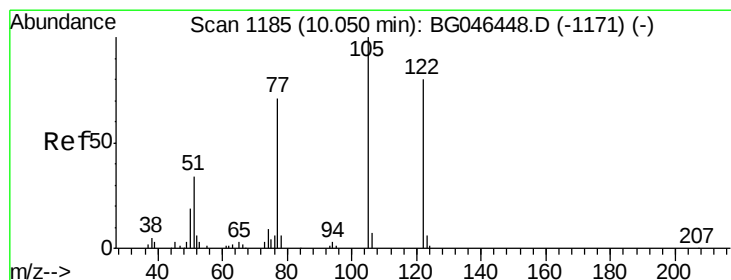
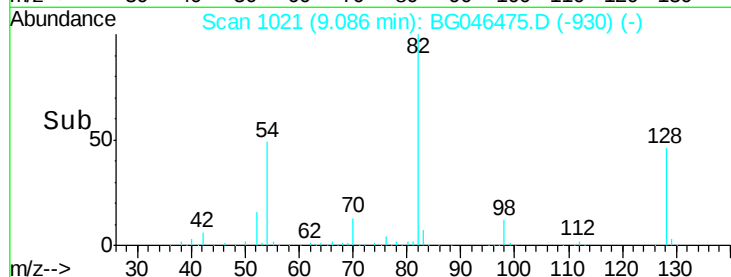
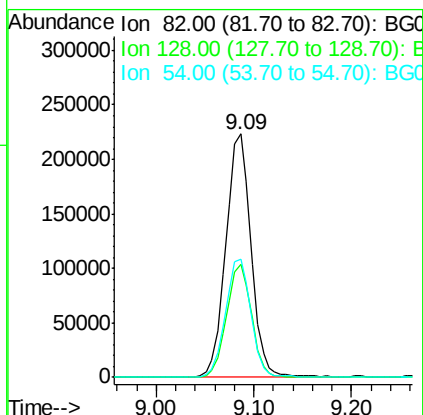
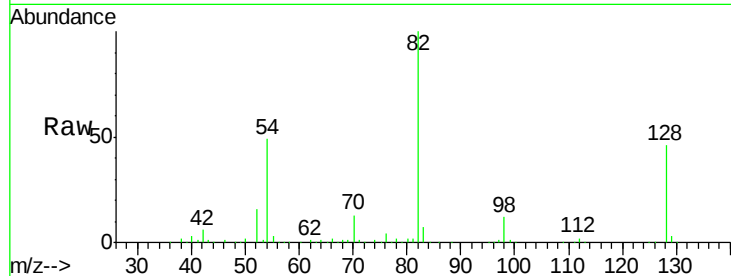




#23
 Nitrobenzene-d5
 Concen: 84.668 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

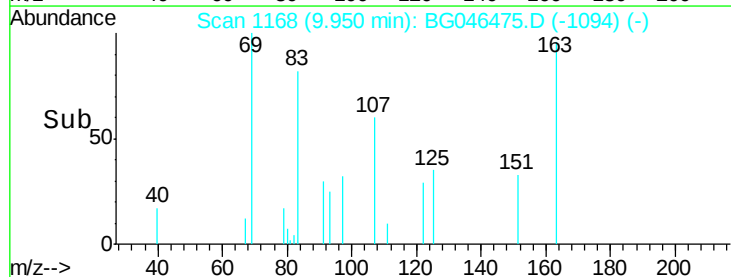
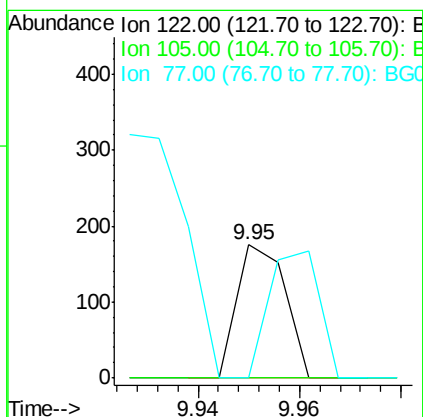
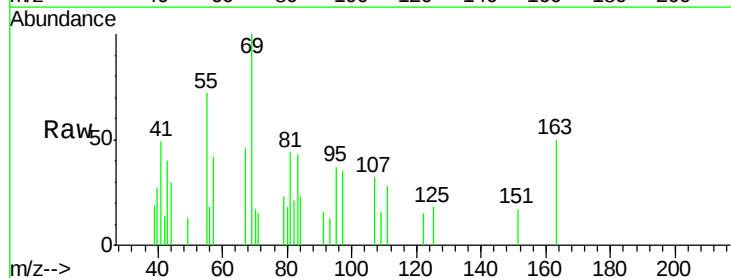
Instrument :
 BNA_G
 ClientSampleId :
 BS-3

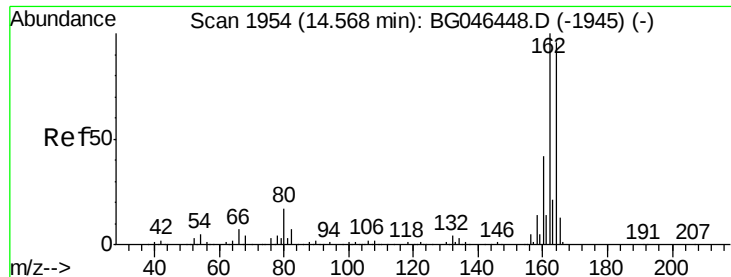
Tot Ion	82	Resp	397620
Ion Ratio	Lower	Upper	
82	100		
128	46.4	35.7	53.5
54	48.5	39.4	59.0



#32
 Benzoic acid
 Concen: 4.524 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.10 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

Tgt Ion	122	Resp	115
Ion Ratio	Lower	Upper	
122	100		
105	0.0	102.5	142.5#
77	0.0	68.2	108.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

Instrument :

BNA_G

ClientSampleId :

BS-3

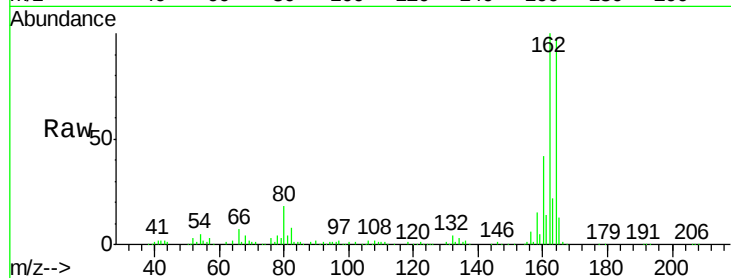
Tot Ion:164 Resp: 181126

Ion Ratio Lower Upper

164 100

162 103.6 83.3 124.9

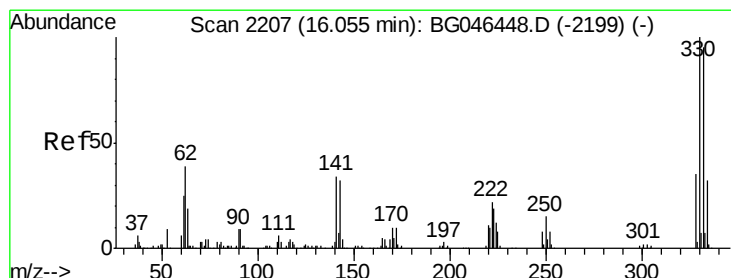
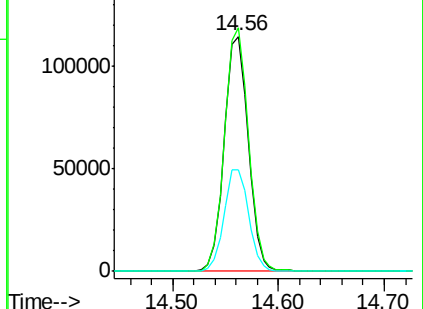
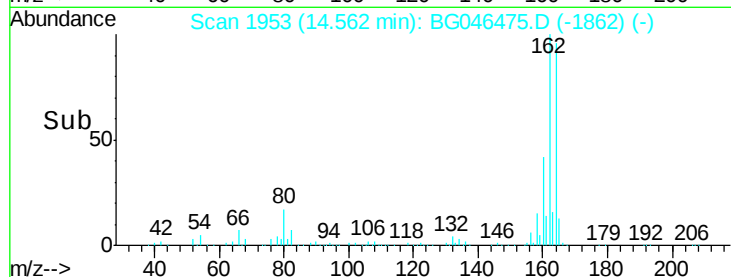
160 43.0 35.0 52.6



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: 120.175 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

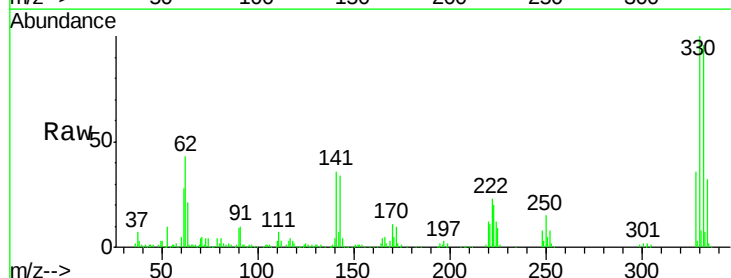
Tgt Ion:330 Resp: 294925

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

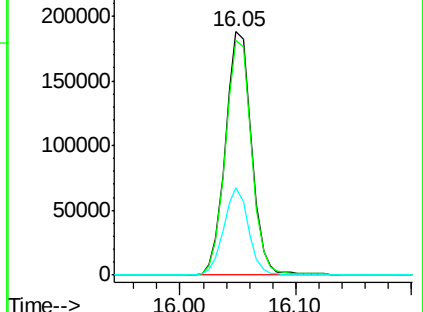
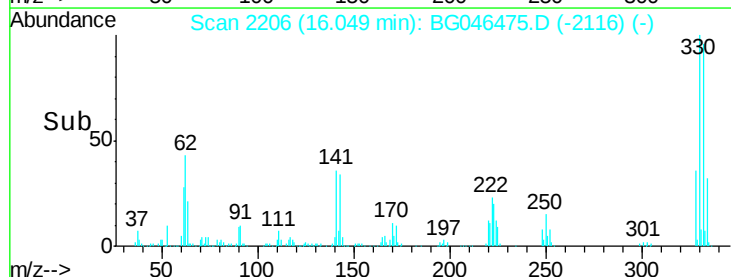
141 34.0 26.1 39.1

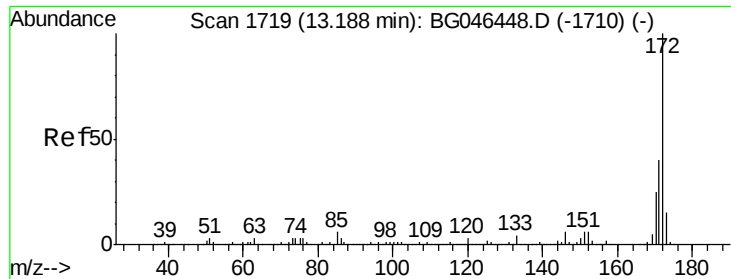


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

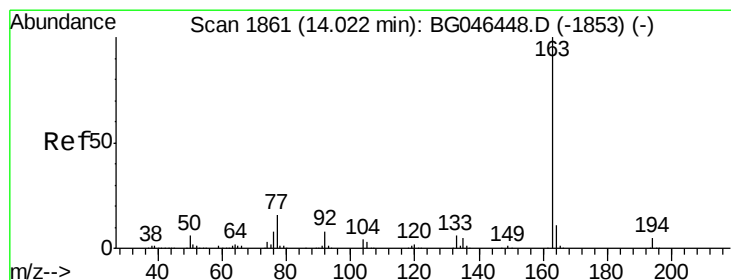
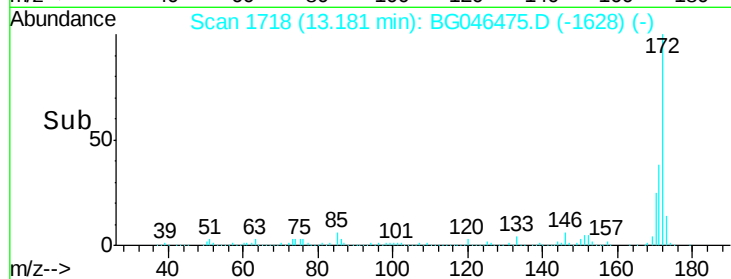
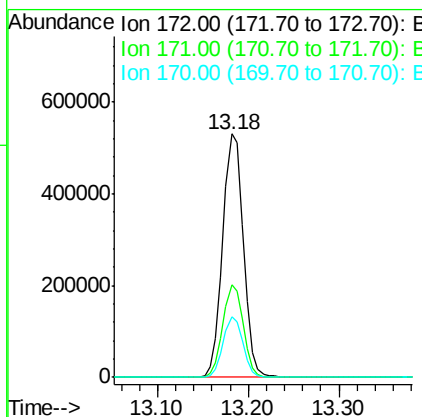
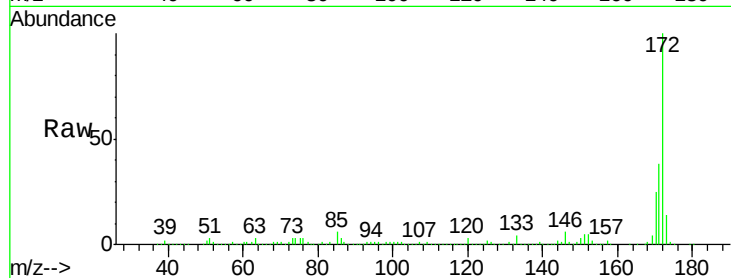




#45
 2-Fluorobiphenyl
 Concen: 70.678 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

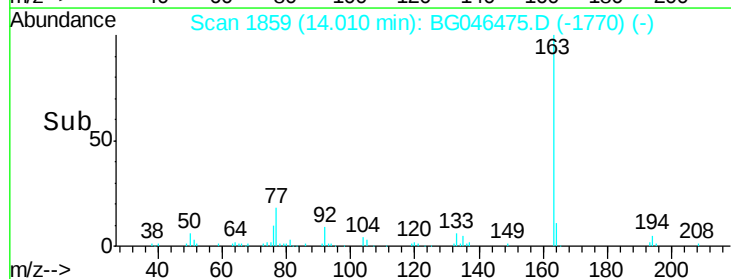
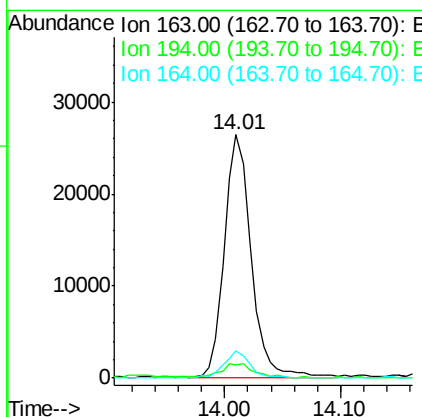
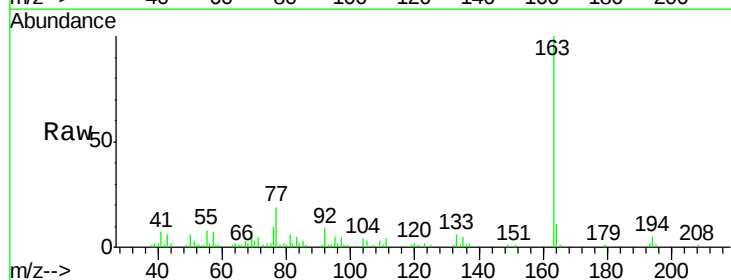
Instrument :
 BNA_G
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 BS-3

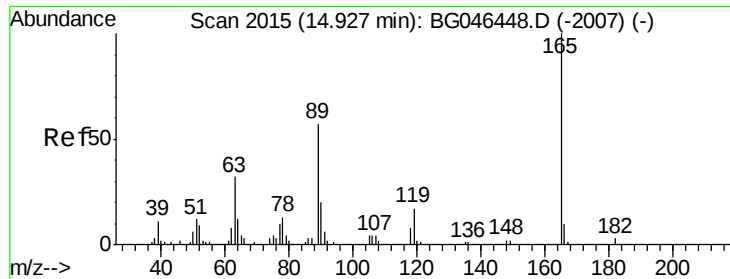
Tot Ion:172 Resp: 838593
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.8 47.6
 170 24.9 20.3 30.5



#50
 Dimethylphthalate
 Concen: 3.067 ng
 RT: 14.01 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

Tgt Ion:163 Resp: 42983
 Ion Ratio Lower Upper
 163 100
 194 5.3 3.7 5.5
 164 11.4 8.6 12.8

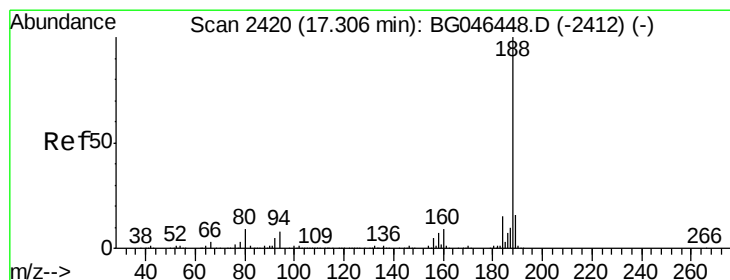
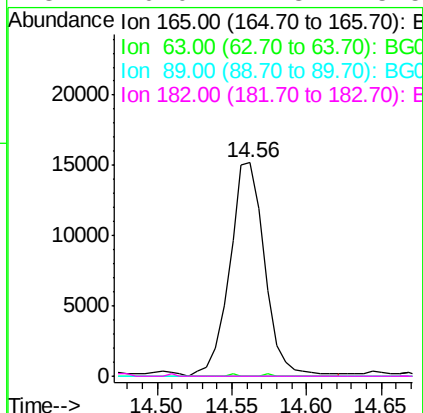
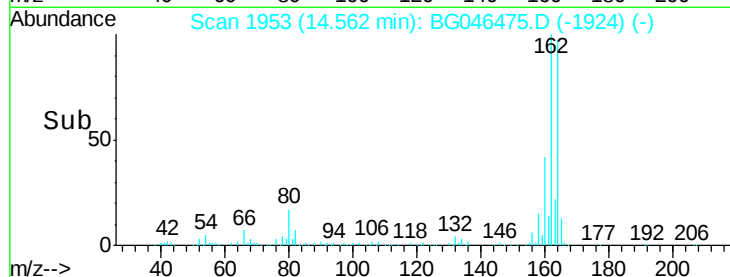
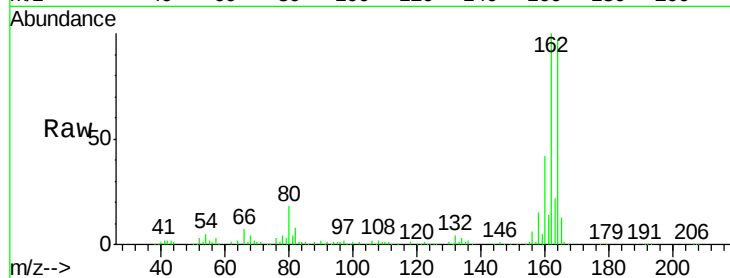




#57
 2,4-Dinitrotoluene
 Concen: 5.669 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.36 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

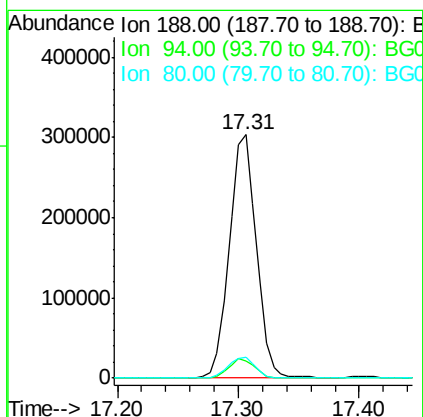
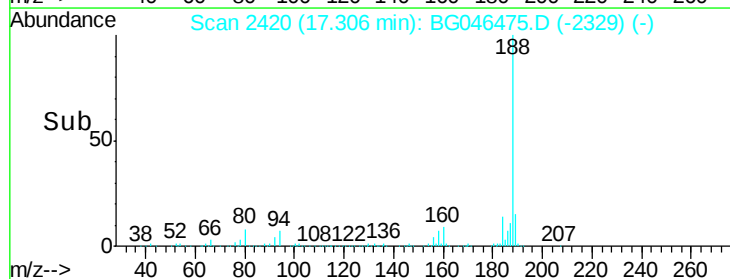
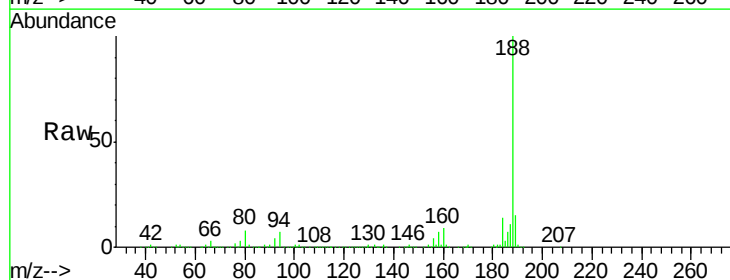
Instrument :
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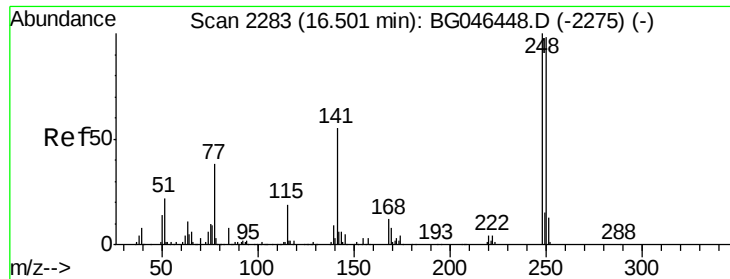
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG046475.D
 Acq: 31 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.3	9.5
80	8.3	6.9	10.3

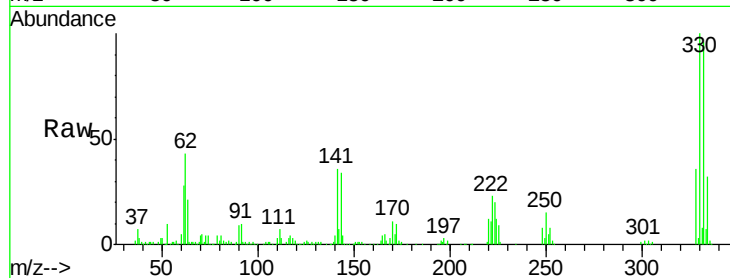




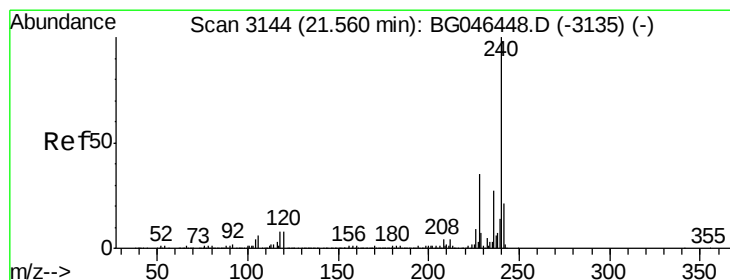
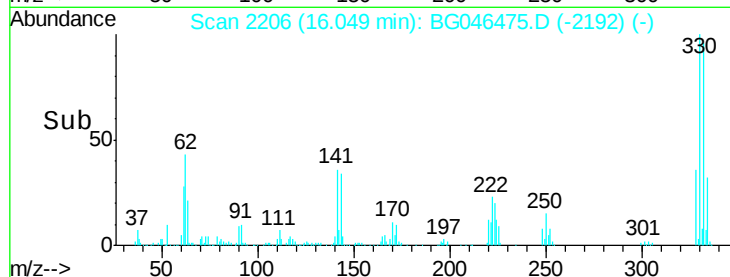
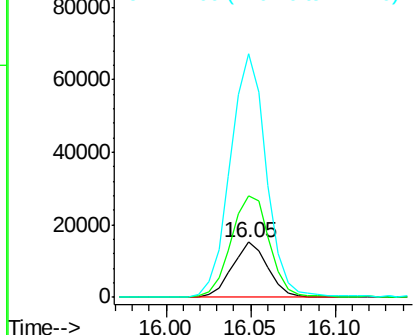
#67
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046475.D
Acq: 31 Aug 2020 19:12

Instrument :
BNA_G
ClientSampleId :
BS-3

Tot Ion:248 Resp: 22271
Ion Ratio Lower Upper
248 100
250 184.4 78.6 118.0#
141 440.1 43.9 65.9#

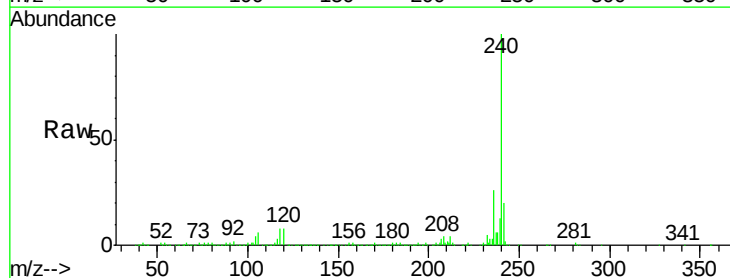


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

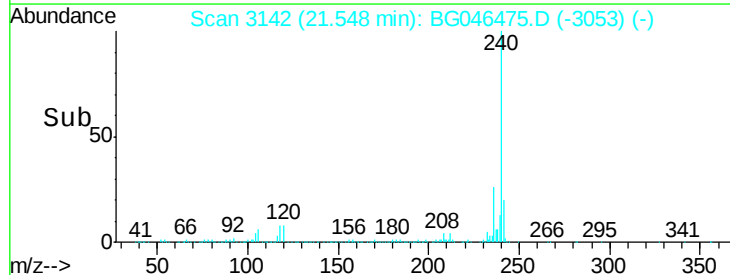
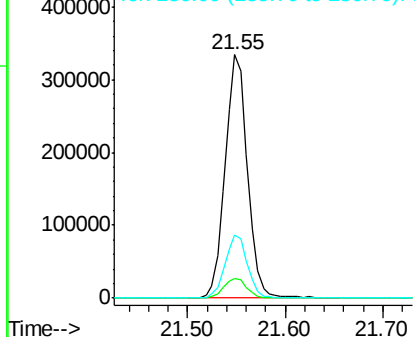


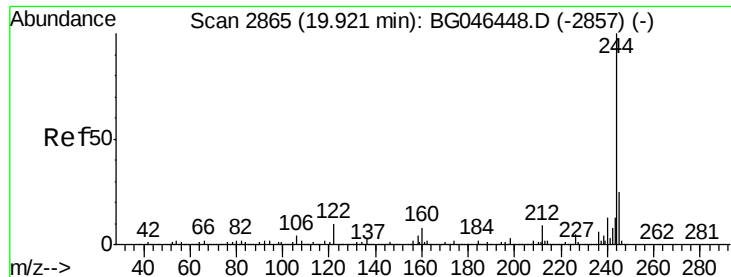
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046475.D
Acq: 31 Aug 2020 19:12

Tgt Ion:240 Resp: 528382
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 26.1 21.4 32.2



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: 62.568 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

Instrument :

BNA_G

ClientSampleId :

BS-3

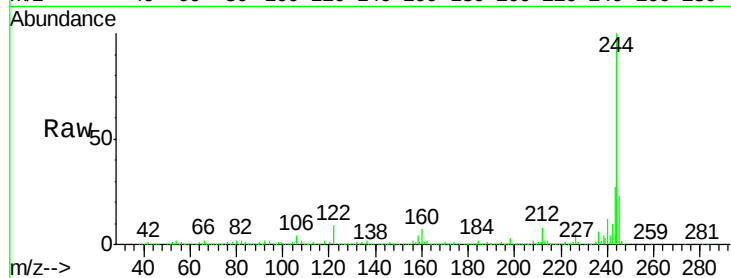
Tot Ion:244 Resp: 1553433

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

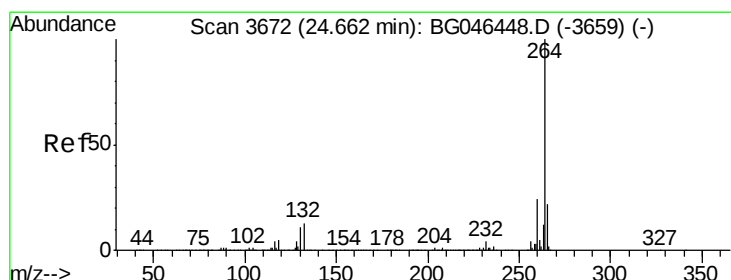
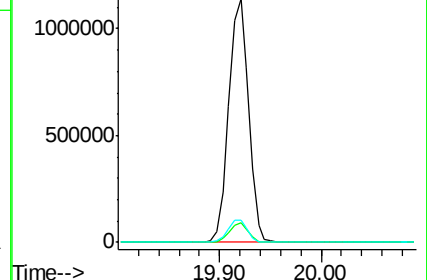
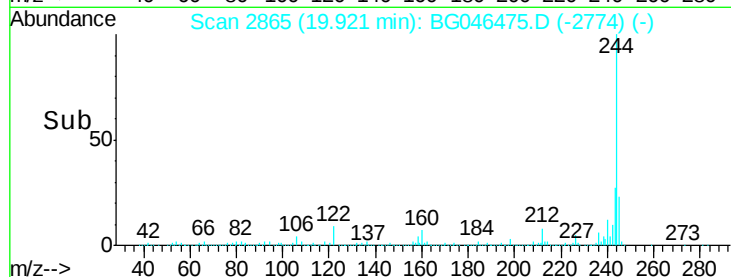
122 9.2 8.2 12.4



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: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046475.D

Acq: 31 Aug 2020 19:12

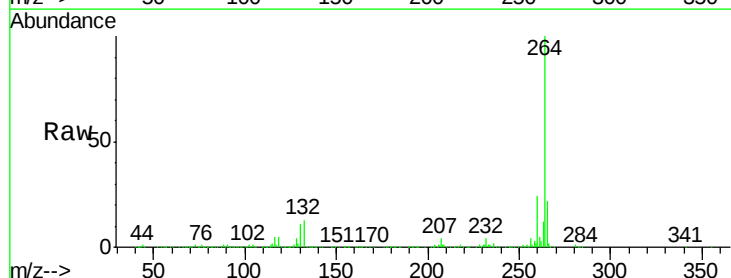
Tgt Ion:264 Resp: 560640

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.1 17.9 26.9



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

