

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048626.D
 Acq On : 7 Apr 2021 21:03
 Operator : CG/JU
 Sample : M1949-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Apr 08 03:35:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

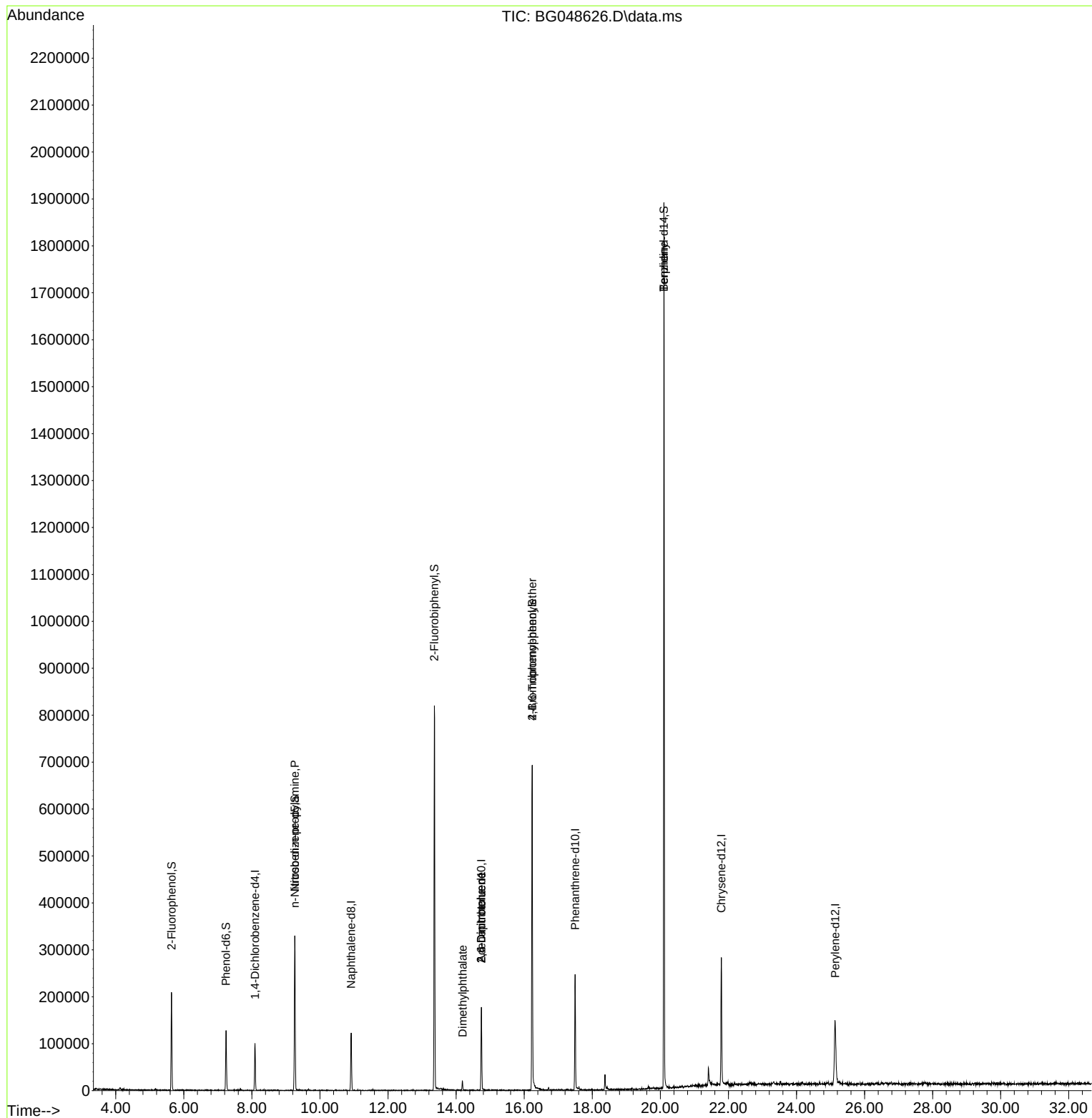
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	26054	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	99806	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	65195	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	162751	20.00	ng	0.00
76) Chrysene-d12	21.792	240	180585	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	165172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	85931	58.23	ng	0.00
7) Phenol-d6	7.239	99	65412	30.56	ng	0.00
23) Nitrobenzene-d5	9.260	82	191649	92.97	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	130197	151.92	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	423134	96.47	ng	0.00
79) Terphenyl-d14	20.106	244	857040	86.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	29400	19.93	ng	# 72
50) Dimethylphthalate	14.189	163	12245	2.53	ng	# 94
51) 2,6-Dinitrotoluene	14.742	165	7938	7.17	ng	# 20
57) 2,4-Dinitrotoluene	14.742	165	7938	5.07	ng	# 24
67) 4-Bromophenyl-phenylether	16.234	248	9645	5.35	ng	# 1
77) Benzidine	20.106	184	14861	2.43	ng	# 75

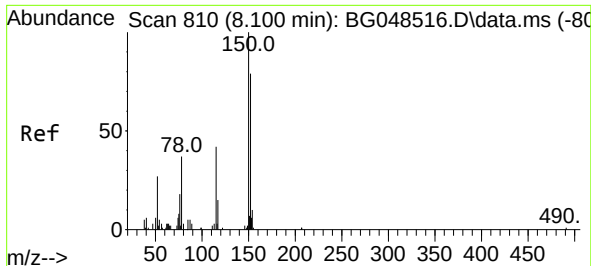
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 03:35:58 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

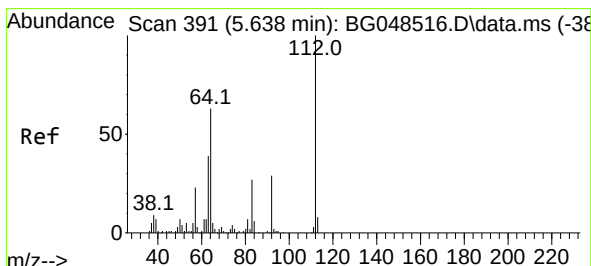
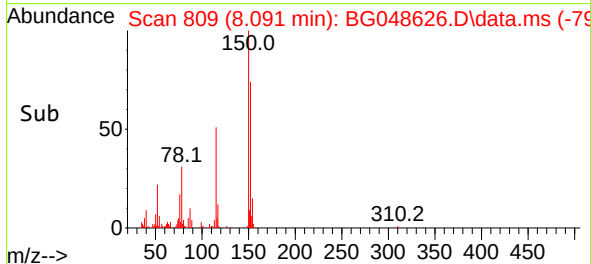
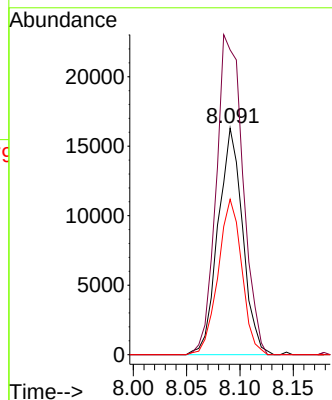
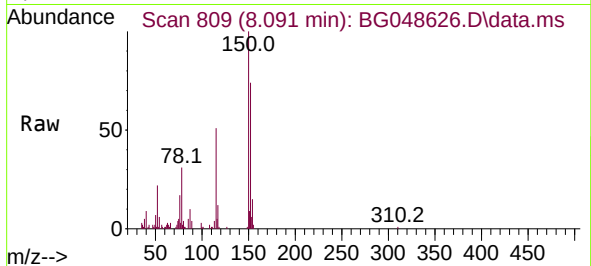




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

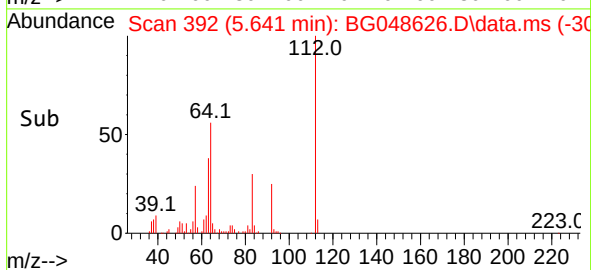
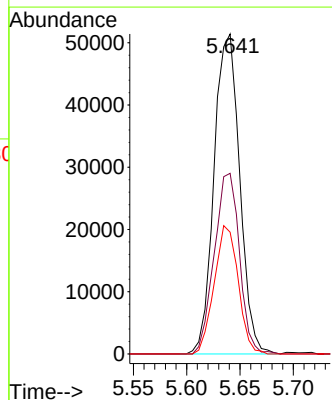
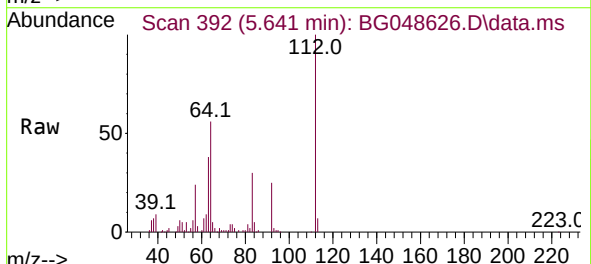
Instrument :
BNA_G
ClientSampleId :
PE-1

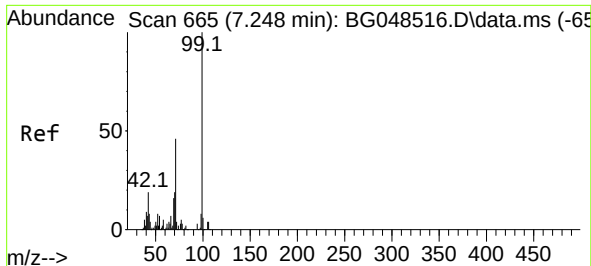
Tgt Ion:152 Resp: 26054
Ion Ratio Lower Upper
152 100
150 134.5 101.3 151.9
115 68.5 42.3 63.5#



#5
2-Fluorophenol
Concen: 58.23 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:112 Resp: 85931
Ion Ratio Lower Upper
112 100
64 56.5 50.4 75.6
63 38.1 31.4 47.2

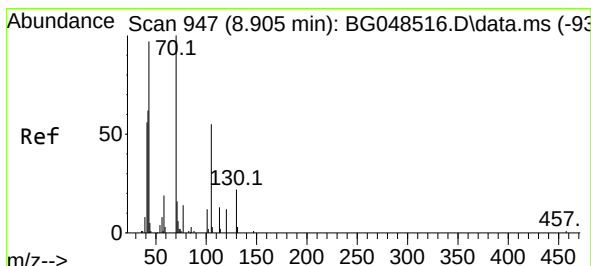
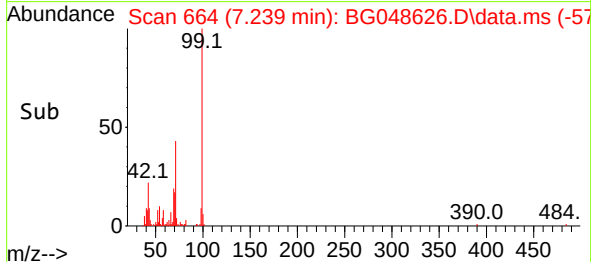
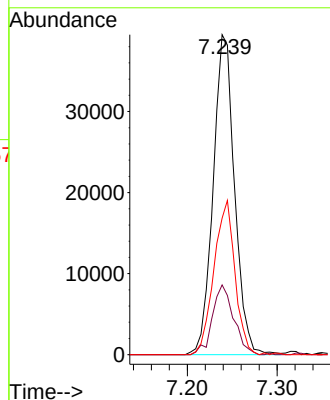
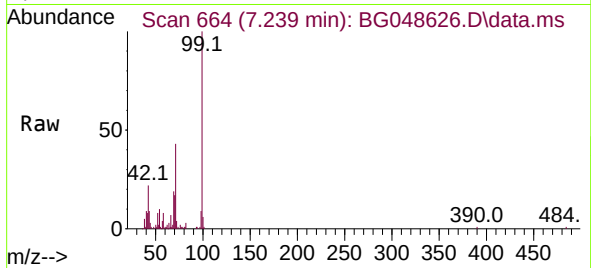




#7
Phenol-d6
Concen: 30.56 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

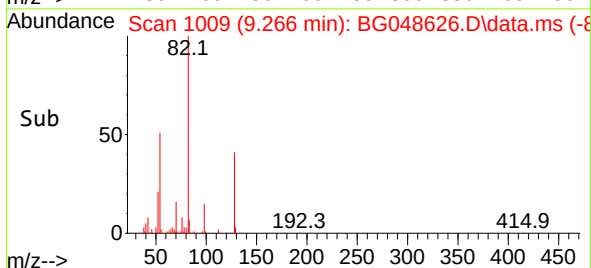
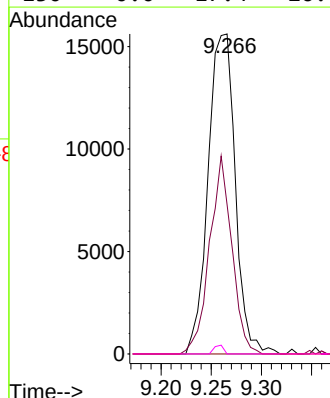
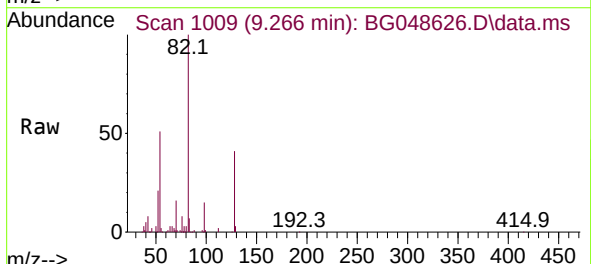
Instrument :
BNA_G
ClientSampled :
PE-1

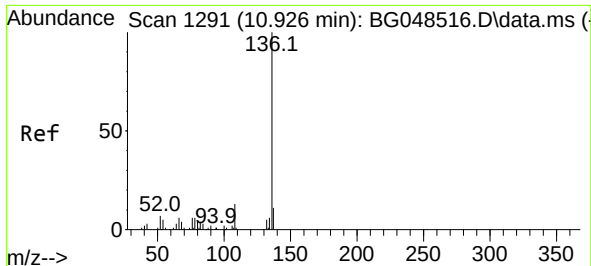
Tgt Ion: 99 Resp: 65412
Ion Ratio Lower Upper
99 100
42 21.8 15.5 23.3
71 42.6 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion: 70 Resp: 29400
Ion Ratio Lower Upper
70 100
42 46.6 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

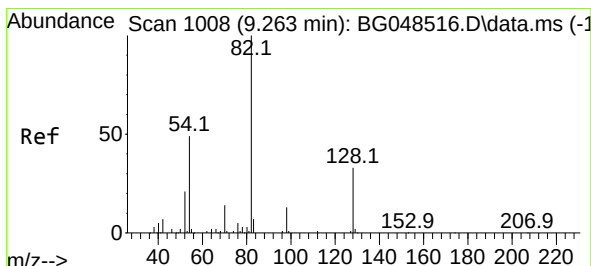
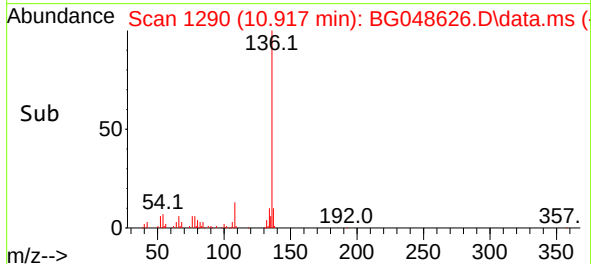
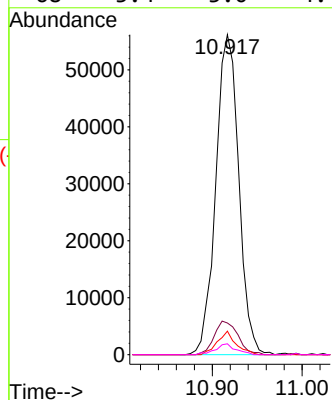
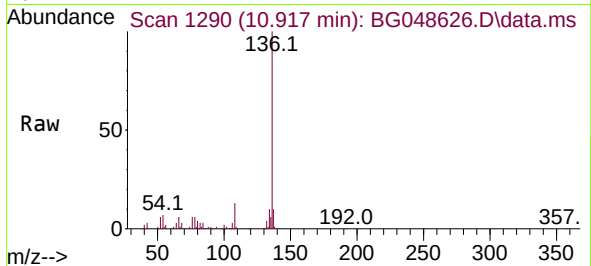




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

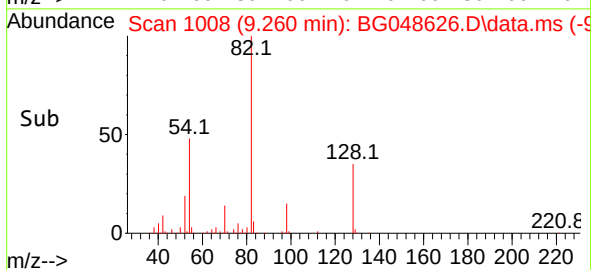
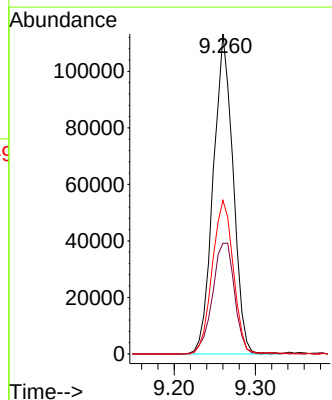
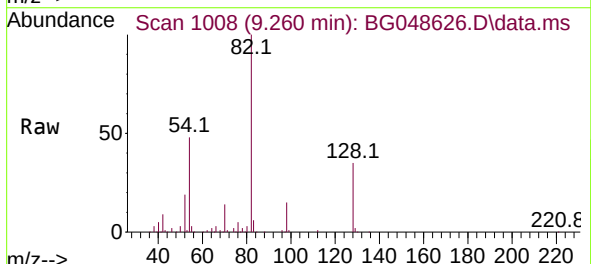
Instrument :
BNA_G
ClientSampleId :
PE-1

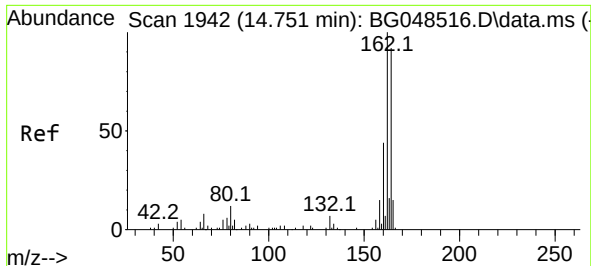
Tgt Ion:	136	Resp:	99806
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.6	12.8
54	7.3	4.2	6.4#
68	3.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 92.97 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:	82	Resp:	191649
Ion Ratio	Lower	Upper	
82	100		
128	34.6	26.2	39.4
54	48.0	38.9	58.3

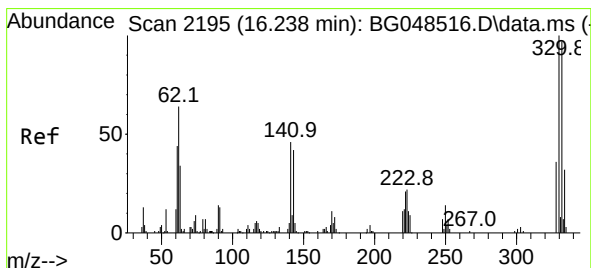
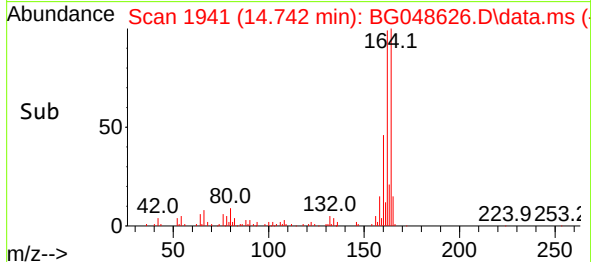
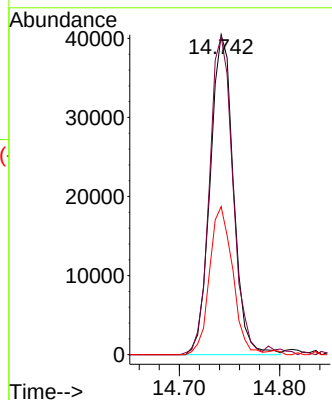
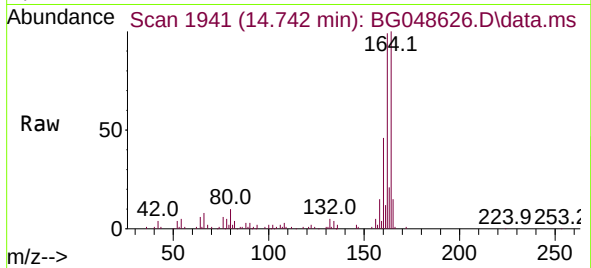




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

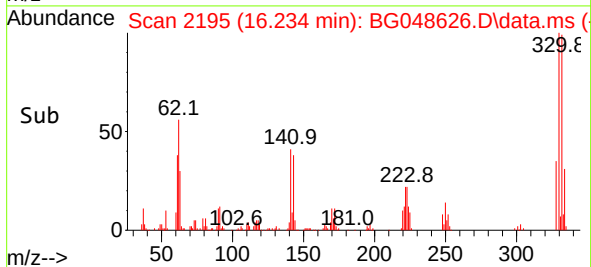
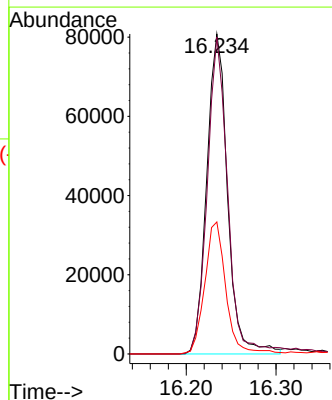
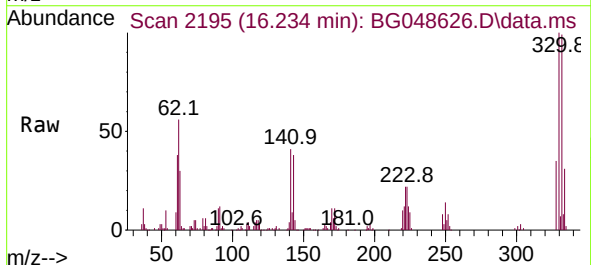
Instrument :
BNA_G
ClientSampleId :
PE-1

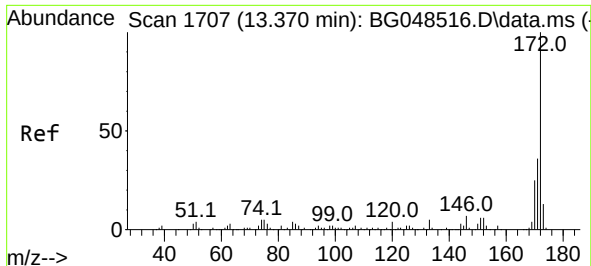
Tgt Ion:164 Resp: 65195
Ion Ratio Lower Upper
164 100
162 99.3 87.0 130.6
160 46.3 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 151.92 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:330 Resp: 130197
Ion Ratio Lower Upper
330 100
332 99.4 77.6 116.4
141 42.0 34.6 52.0

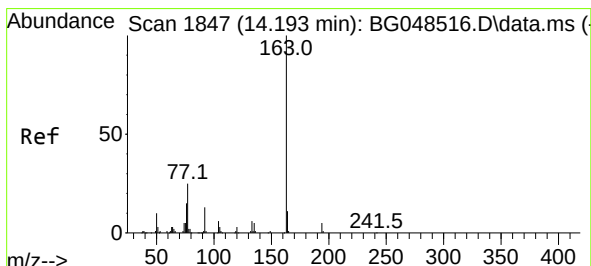
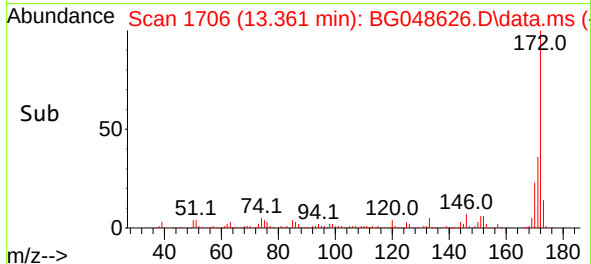
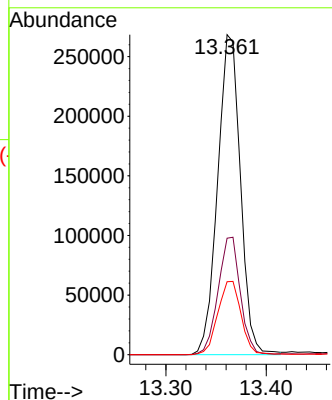
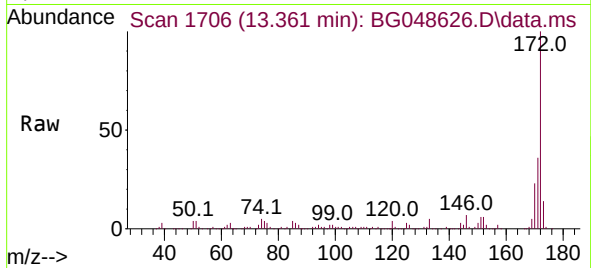




#45
2-Fluorobiphenyl
Concen: 96.47 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

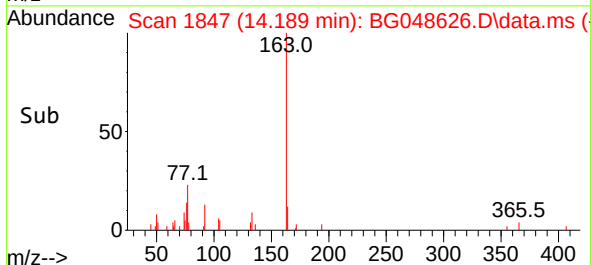
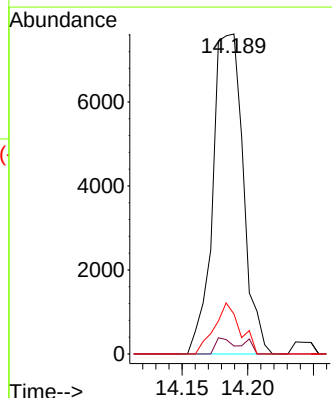
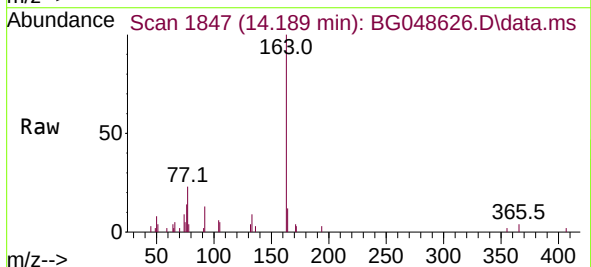
Instrument :
BNA_G
ClientSampled :
PE-1

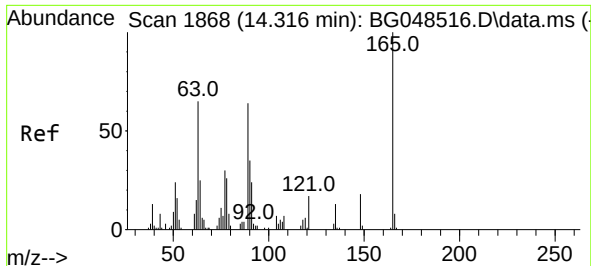
Tgt Ion:172 Resp: 423134
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 22.8 19.8 29.6



#50
Dimethylphthalate
Concen: 2.53 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:163 Resp: 12245
Ion Ratio Lower Upper
163 100
194 2.5 4.1 6.1#
164 12.5 8.6 12.8

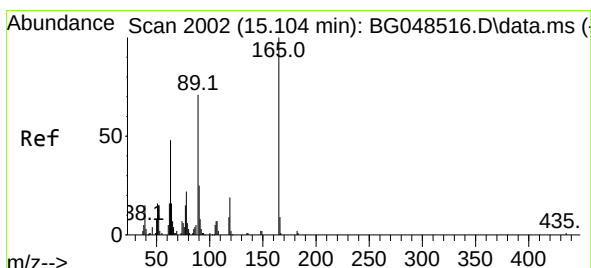
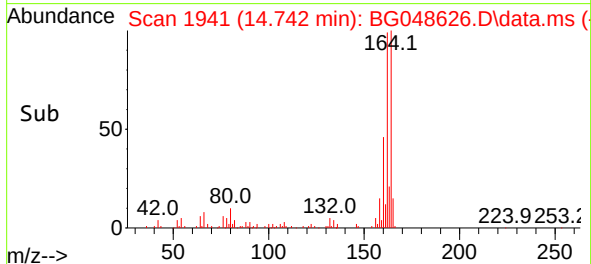
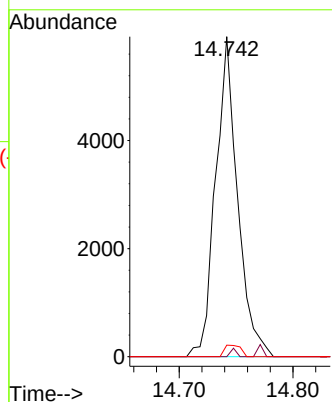
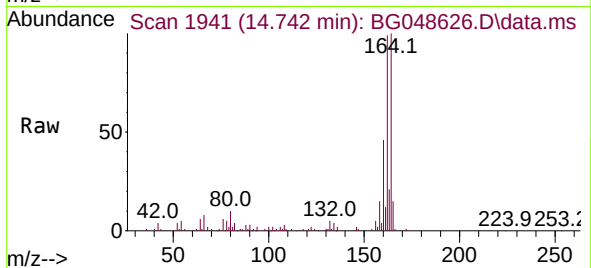




#51
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

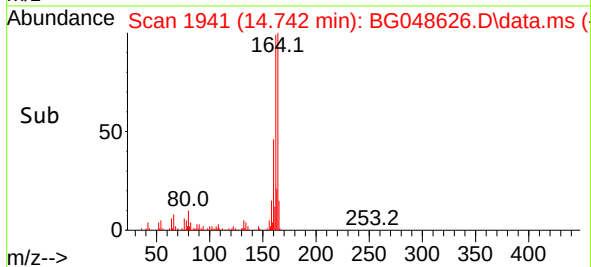
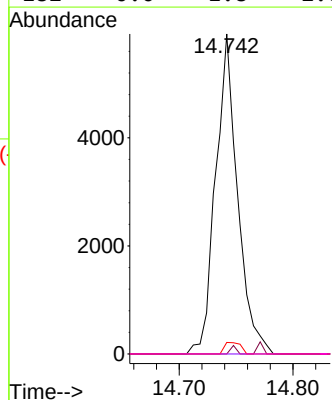
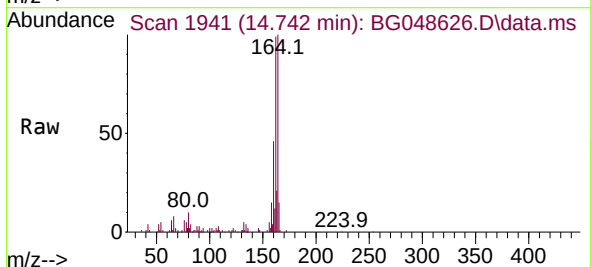
Instrument :
BNA_G
ClientSampled :
PE-1

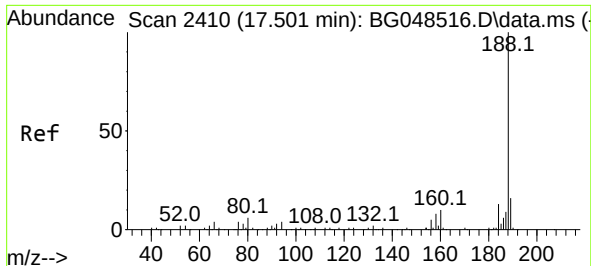
Tgt Ion:165 Resp: 7938
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 3.6 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:165 Resp: 7938
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.6 56.5 84.7#
182 0.0 1.8 2.6#

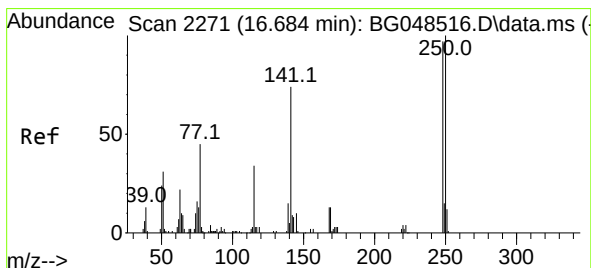
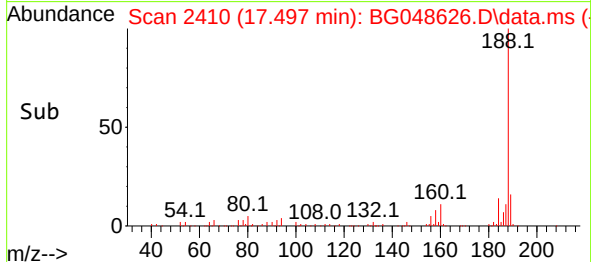
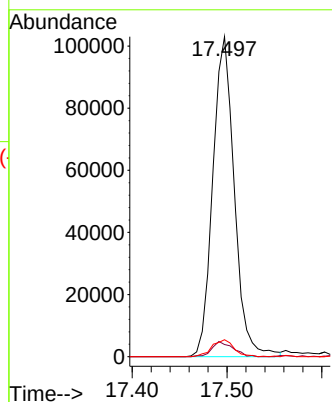
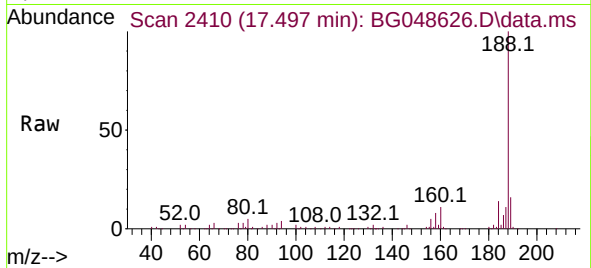




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

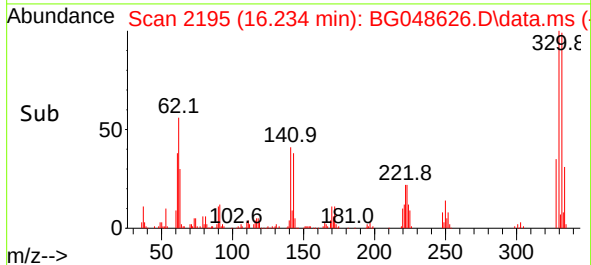
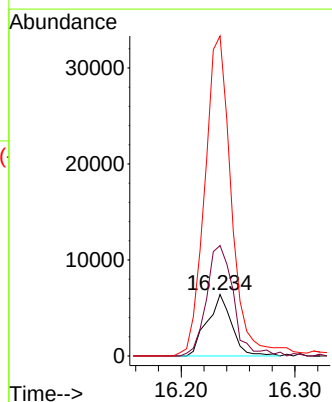
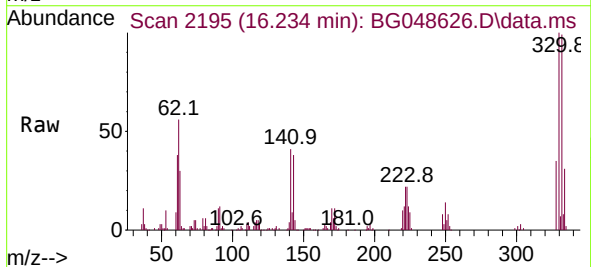
Instrument :
BNA_G
ClientSampleId :
PE-1

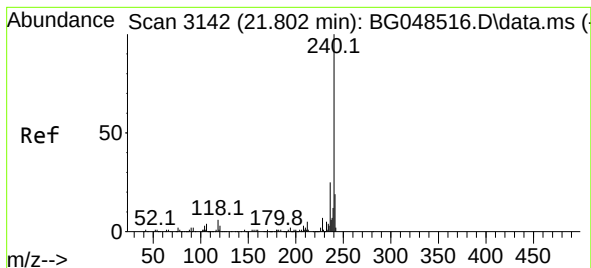
Tgt Ion:188 Resp: 162751
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 5.3 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.35 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:248 Resp: 9645
Ion Ratio Lower Upper
248 100
250 179.9 82.6 124.0#
141 521.4 61.0 91.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.792 min Scan# 3141

Delta R.T. -0.009 min

Lab File: BG048626.D

Acq: 7 Apr 2021 21:03

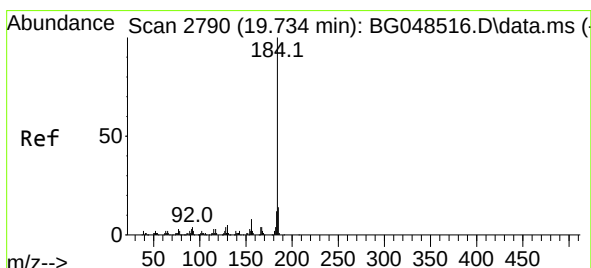
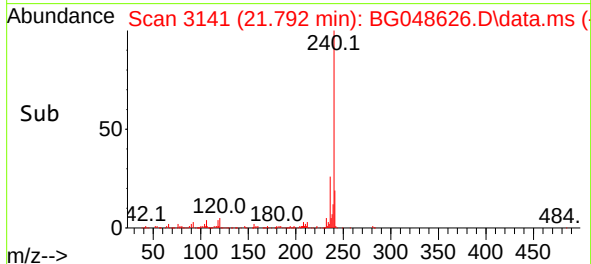
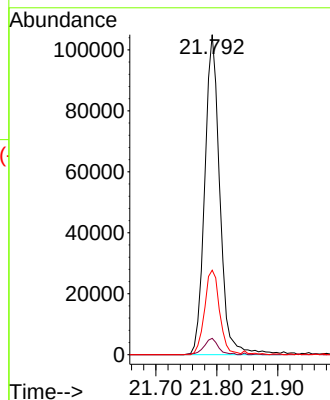
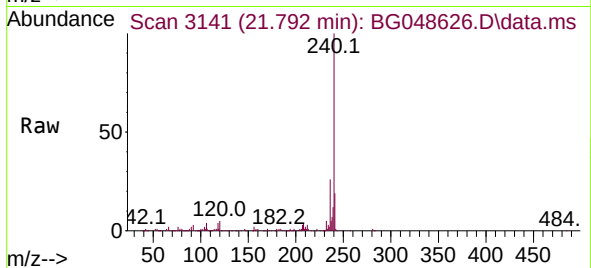
Tgt Ion:240 Resp: 180585

Ion Ratio Lower Upper

240 100

120 5.1 2.6 3.8#

236 26.4 19.8 29.6



#77

Benzidine

Concen: 2.43 ng

RT: 20.106 min Scan# 2854

Delta R.T. 0.372 min

Lab File: BG048626.D

Acq: 7 Apr 2021 21:03

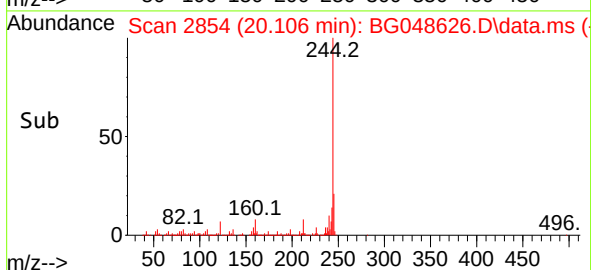
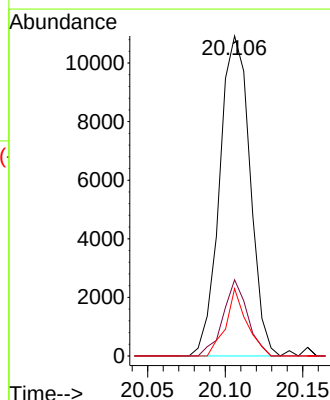
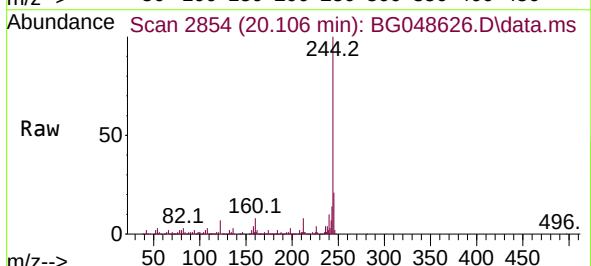
Tgt Ion:184 Resp: 14861

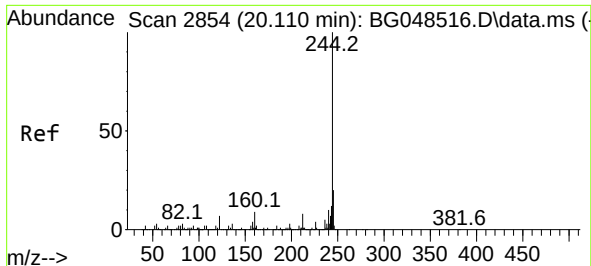
Ion Ratio Lower Upper

184 100

185 23.8 11.0 16.4#

183 21.0 9.2 13.8#

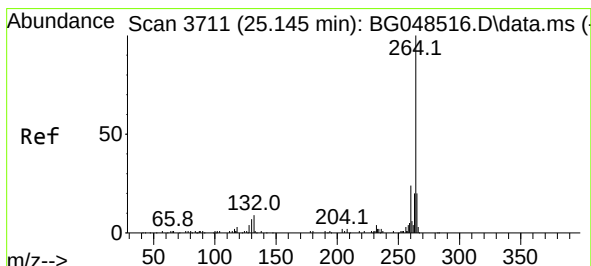
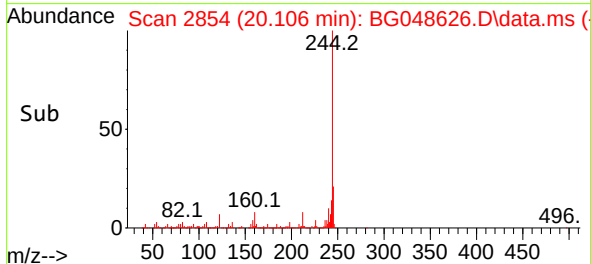
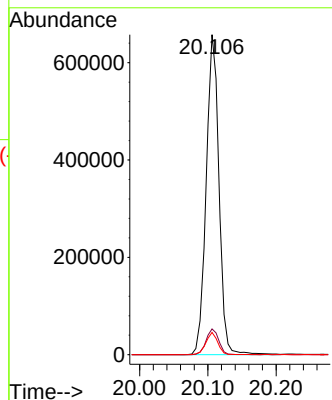
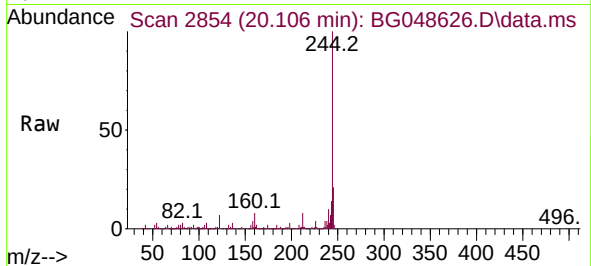




#79
Terphenyl-d14
Concen: 86.79 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Instrument :
BNA_G
ClientSampled :
PE-1

Tgt Ion:244 Resp: 857040
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048626.D
Acq: 7 Apr 2021 21:03

Tgt Ion:264 Resp: 165172
Ion Ratio Lower Upper
264 100
260 20.1 19.1 28.7
265 22.5 16.1 24.1

