

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048559.D
 Acq On : 2 Apr 2021 1:12
 Operator : CG/JU
 Sample : M1886-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124018-A

Quant Time: Apr 02 03:06:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

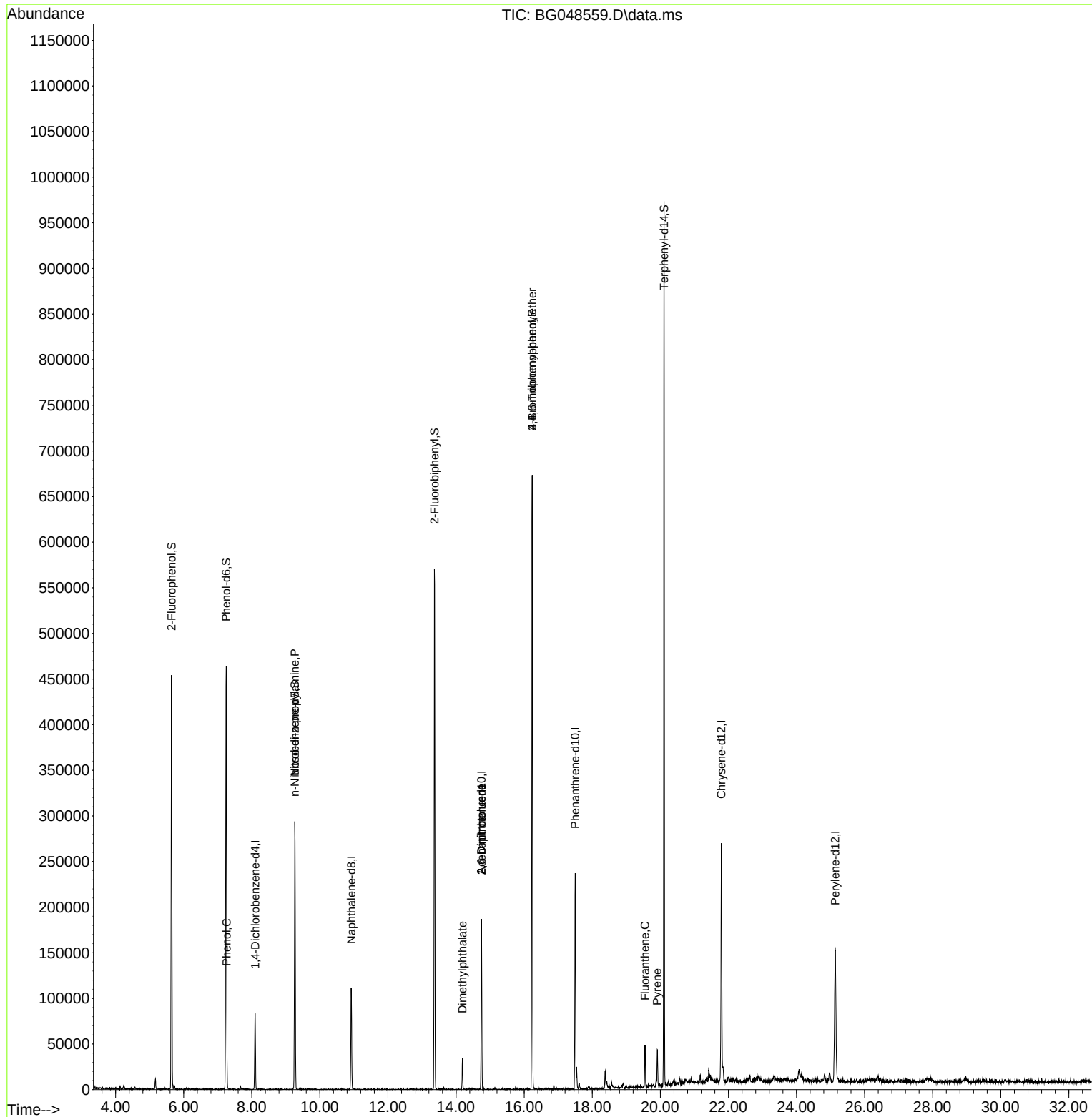
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	22794	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	93063	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	63433	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	151254	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	161678	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	157272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	185298	143.52	ng	0.00
7) Phenol-d6	7.248	99	240160	128.26	ng	0.00
23) Nitrobenzene-d5	9.263	82	166694	86.72	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	112792	135.27	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	295781	69.31	ng	-0.02
79) Terphenyl-d14	20.110	244	420634	47.58	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.266	94	3750	2.00	ng	# 52
19) n-Nitroso-di-n-propyla...	9.269	70	25697	19.91	ng	# 77
50) Dimethylphthalate	14.187	163	18635	3.96	ng	97
51) 2,6-Dinitrotoluene	14.745	165	8301	7.71	ng	# 20
57) 2,4-Dinitrotoluene	14.745	165	8301	5.45	ng	# 24
67) 4-Bromophenyl-phenylether	16.238	248	8624	5.14	ng	# 1
75) Fluoranthene	19.551	202	28650	2.94	ng	86
78) Pyrene	19.910	202	26608	2.39	ng	# 92

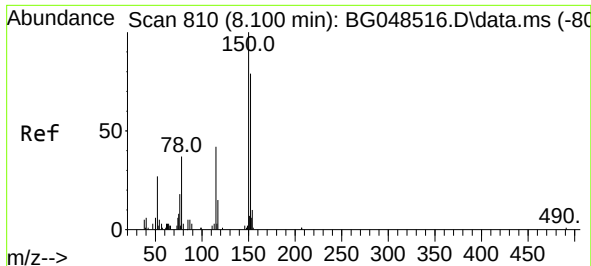
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

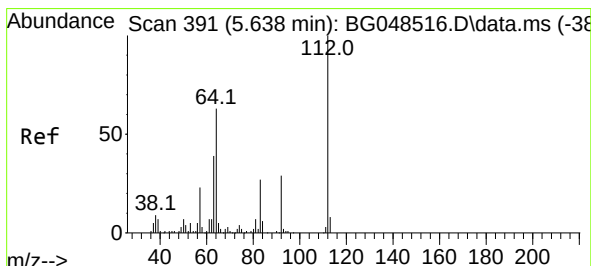
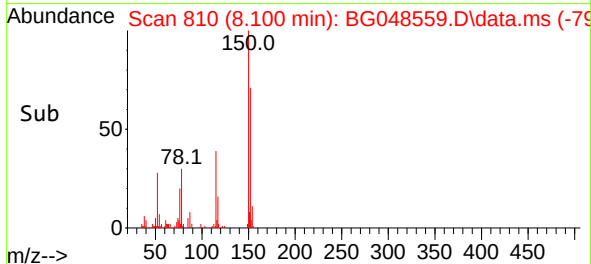
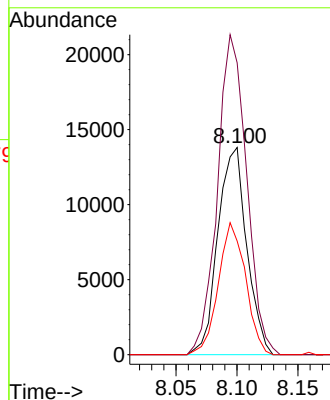
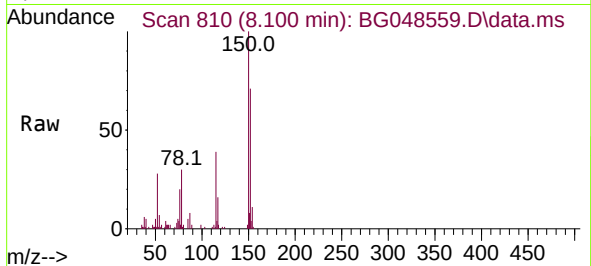




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

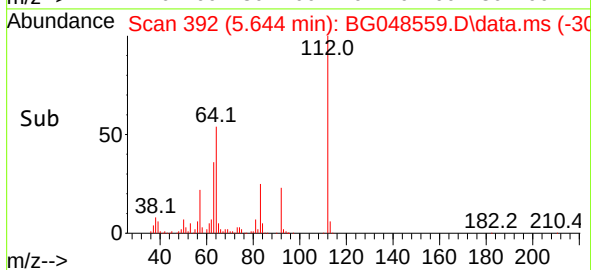
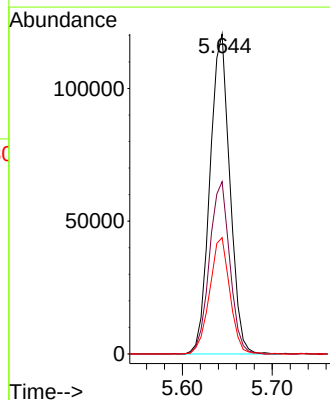
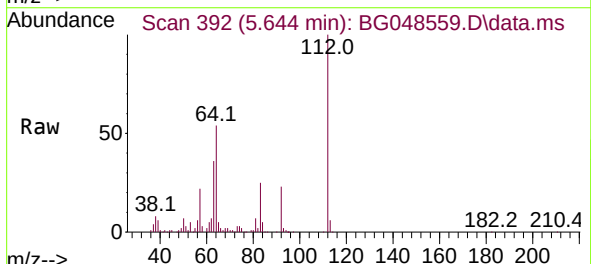
Instrument :
BNA_G
ClientSampleId :
124018-A

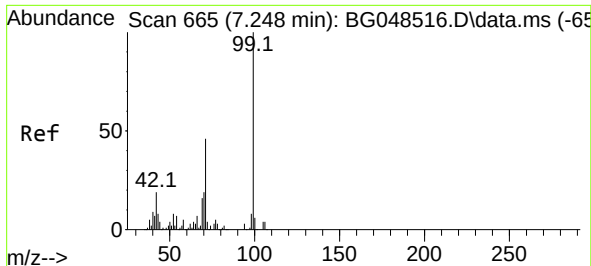
Tgt Ion:152 Resp: 22794
Ion Ratio Lower Upper
152 100
150 140.8 101.3 151.9
115 54.8 42.3 63.5



#5
2-Fluorophenol
Concen: 143.52 ng
RT: 5.644 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:112 Resp: 185298
Ion Ratio Lower Upper
112 100
64 53.8 50.4 75.6
63 36.4 31.4 47.2

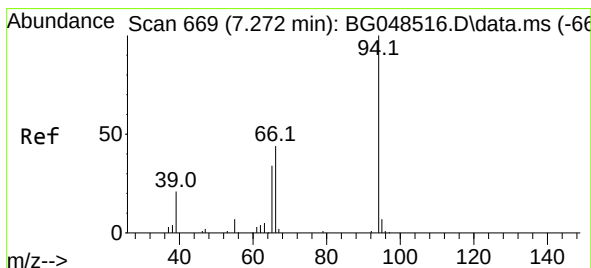
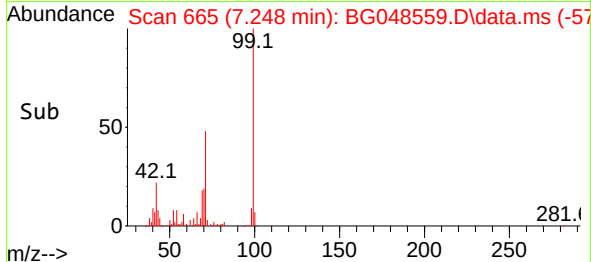
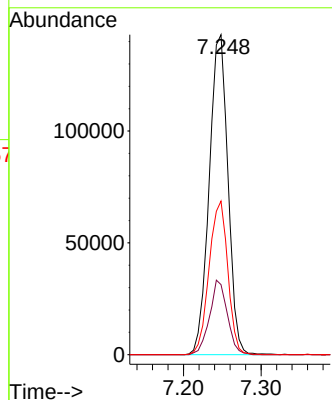
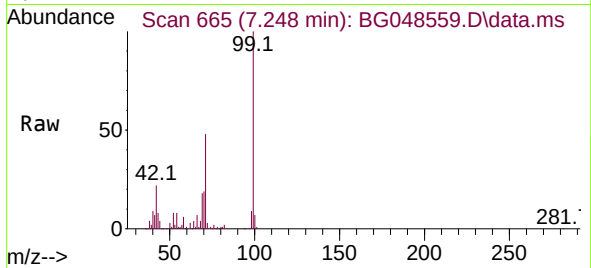




#7
Phenol-d6
Concen: 128.26 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

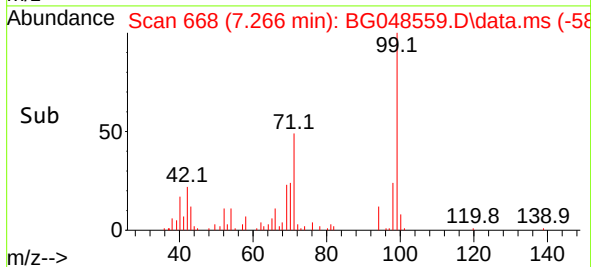
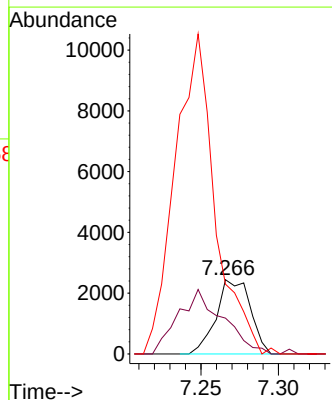
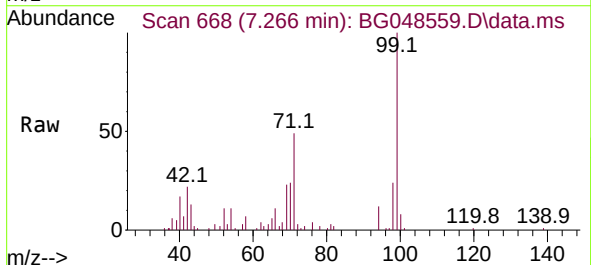
Instrument :
BNA_G
ClientSampleId :
124018-A

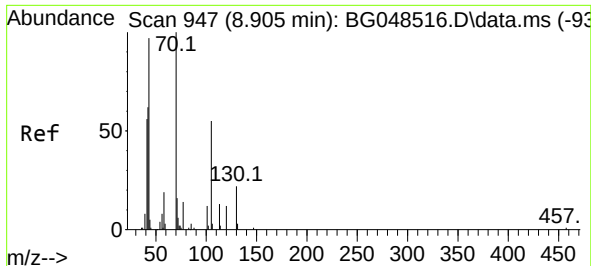
Tgt Ion: 99 Resp: 240160
Ion Ratio Lower Upper
99 100
42 21.9 15.5 23.3
71 48.0 36.6 54.8



#10
Phenol
Concen: 2.00 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.015 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion: 94 Resp: 3750
Ion Ratio Lower Upper
94 100
65 48.2 15.1 55.1
66 94.0 28.9 68.9#

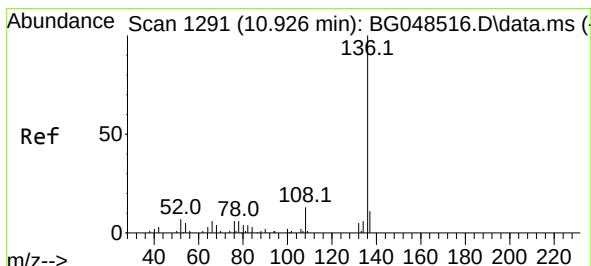
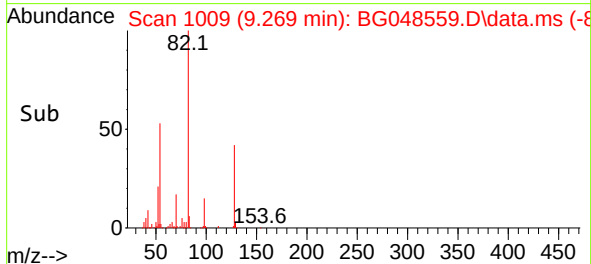
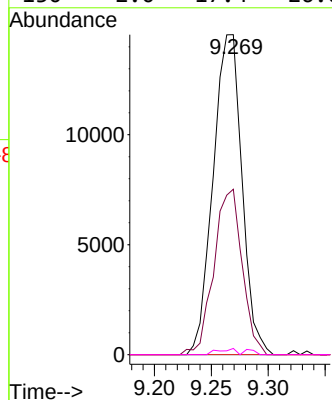
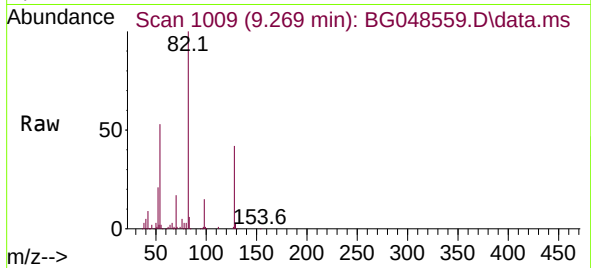




#19
n-Nitroso-di-n-propylamine
Concen: 19.91 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

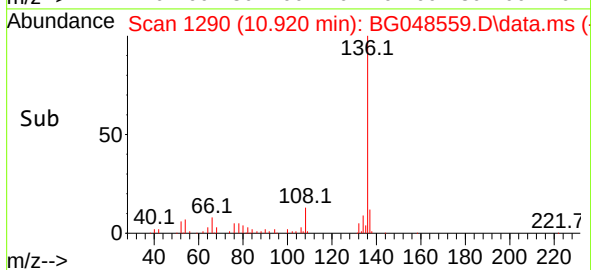
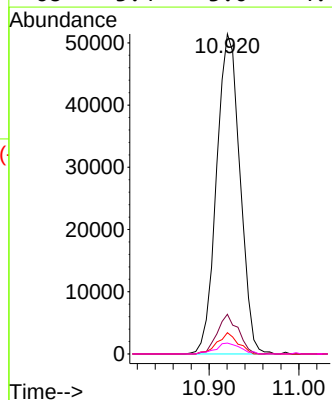
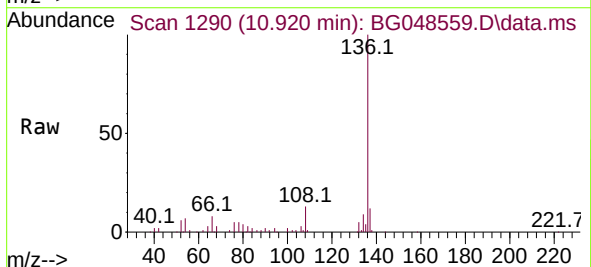
Instrument :
BNA_G
ClientSampleId :
124018-A

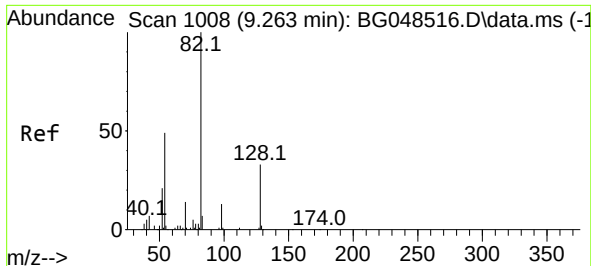
Tgt Ion: 70 Resp: 25697
Ion Ratio Lower Upper
70 100
42 51.7 50.8 76.2
101 0.0 9.7 14.5#
130 2.0 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion: 136 Resp: 93063
Ion Ratio Lower Upper
136 100
137 12.4 8.6 12.8
54 6.7 4.2 6.4#
68 3.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 86.72 ng

RT: 9.263 min Scan# 1008

Delta R.T. -0.009 min

Lab File: BG048559.D

Acq: 2 Apr 2021 1:12

Tgt Ion: 82 Resp: 166694

Ion Ratio Lower Upper

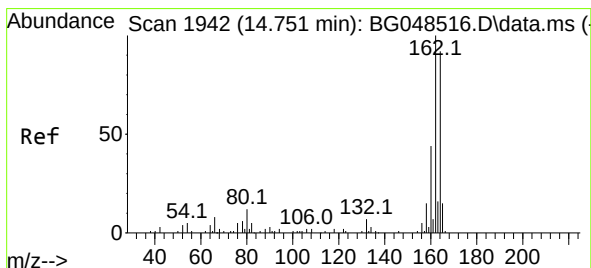
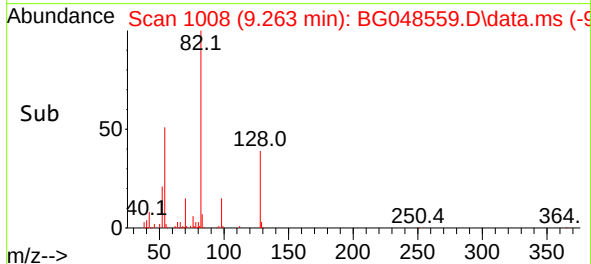
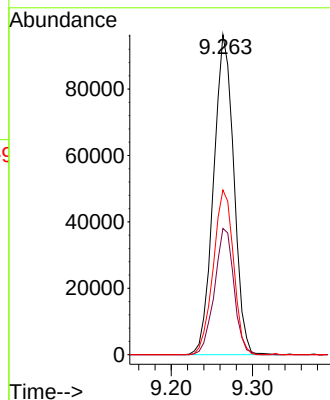
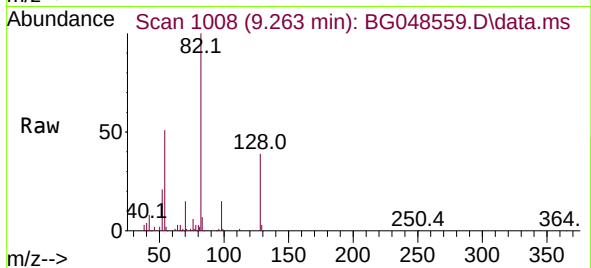
Ion	Ratio	Lower	Upper
82	100		
128	39.5	26.2	39.4#
54	51.5	38.9	58.3

Instrument :

BNA_G

ClientSampleId :

124018-A



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.745 min Scan# 1941

Delta R.T. -0.009 min

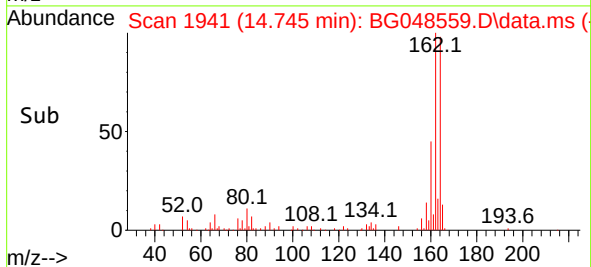
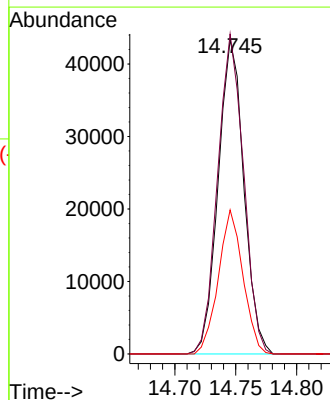
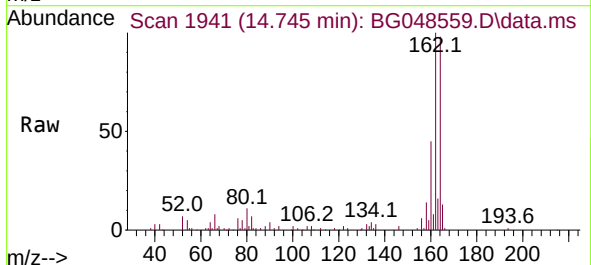
Lab File: BG048559.D

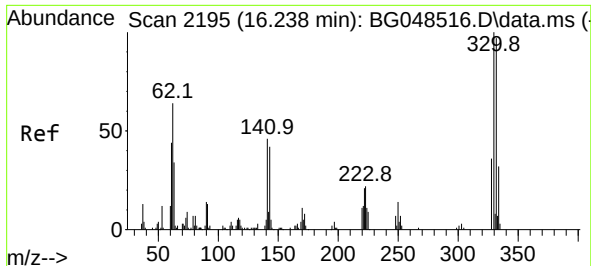
Acq: 2 Apr 2021 1:12

Tgt Ion: 164 Resp: 63433

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
164	100		
162	101.8	87.0	130.6
160	45.8	38.4	57.6

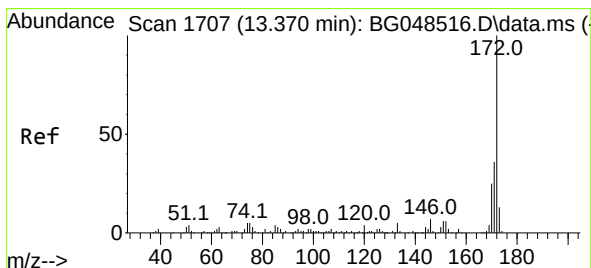
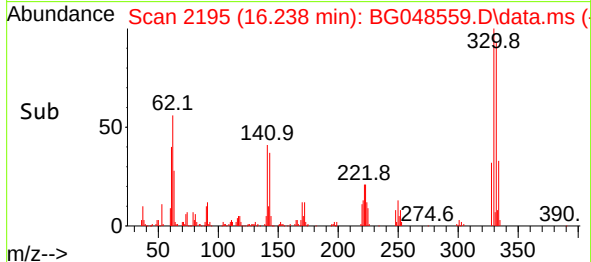
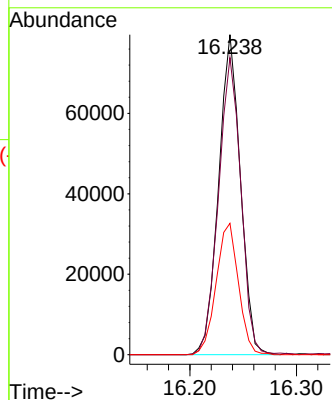
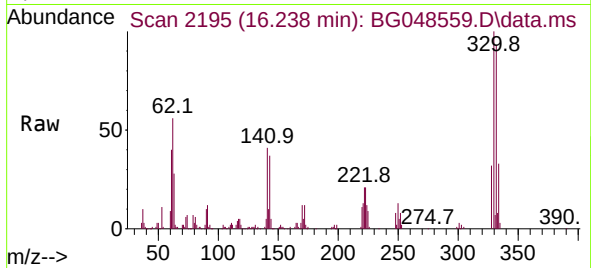




#42
2,4,6-Tribromophenol
Concen: 135.27 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

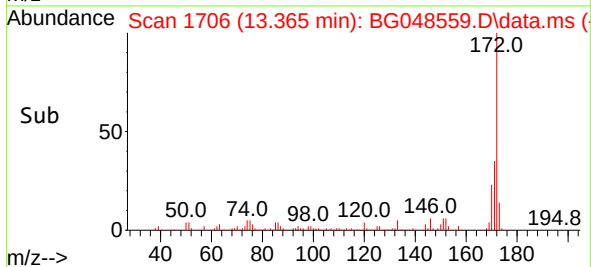
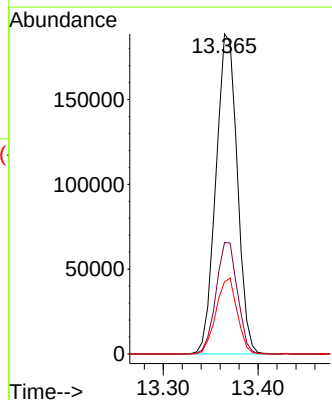
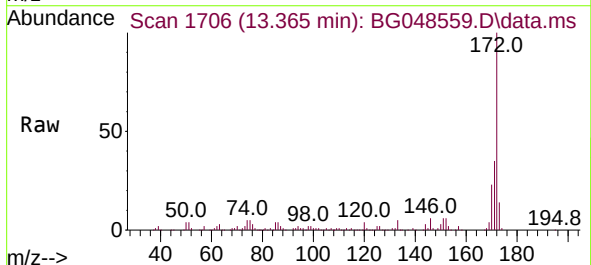
Instrument :
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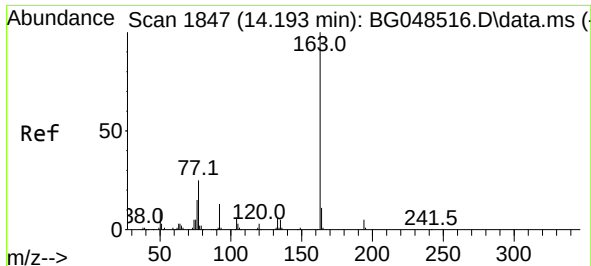
Tgt Ion:330 Resp: 112792
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 42.1 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 69.31 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.015 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:172 Resp: 295781
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.5 19.8 29.6

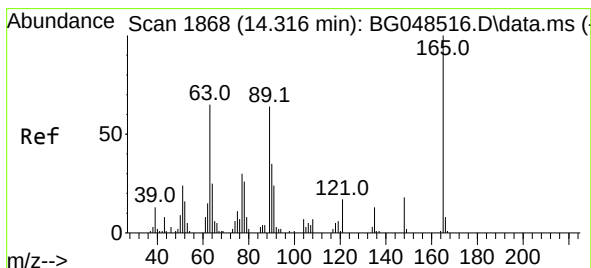
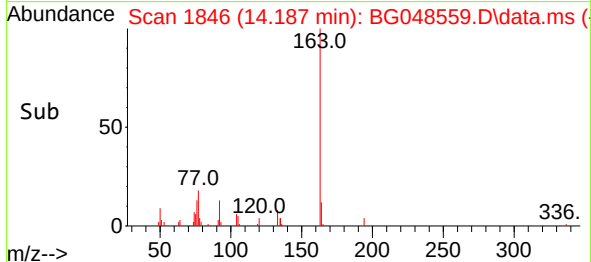
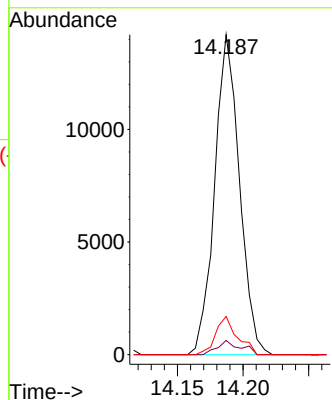
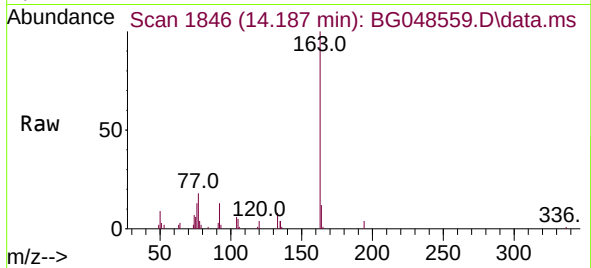




#50
Dimethylphthalate
Concen: 3.96 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

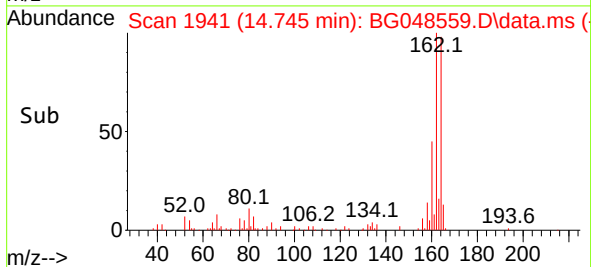
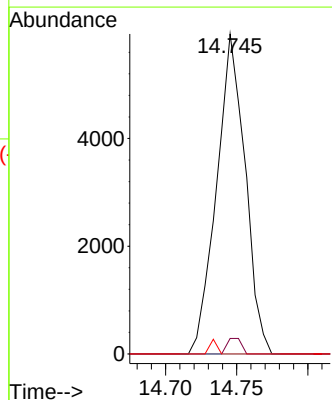
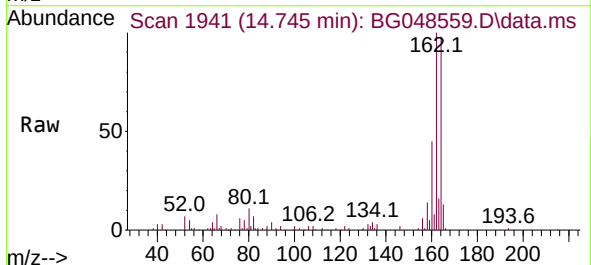
Instrument :
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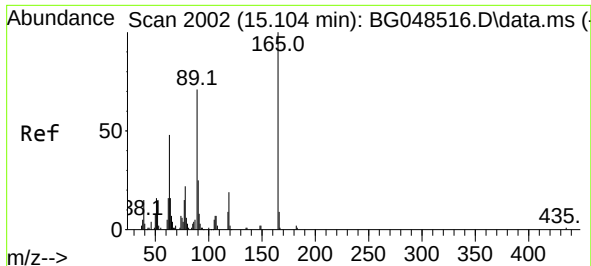
Tgt Ion:163 Resp: 18635
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 11.9 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

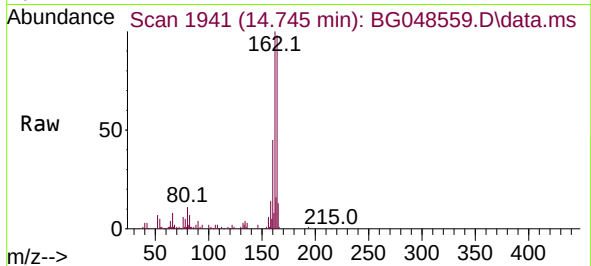
Tgt Ion:165 Resp: 8301
Ion Ratio Lower Upper
165 100
63 4.8 53.8 80.6#
89 0.0 50.8 76.2#



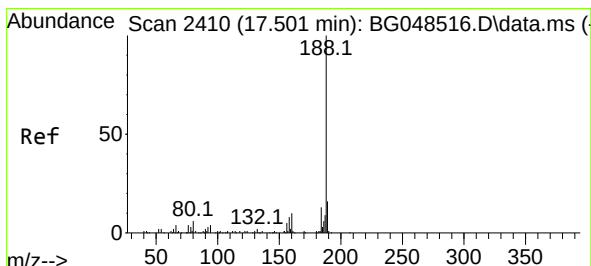
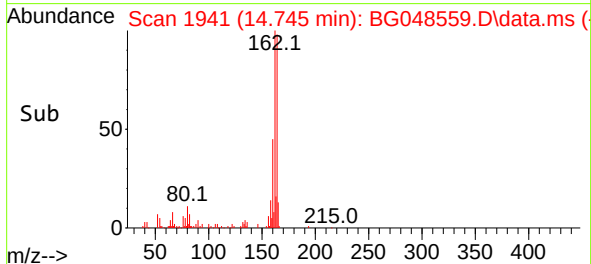
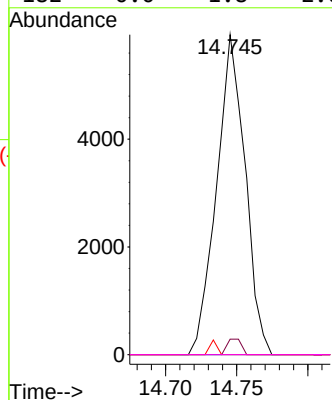


#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Instrument :
BNA_G
ClientSampleId :
124018-A

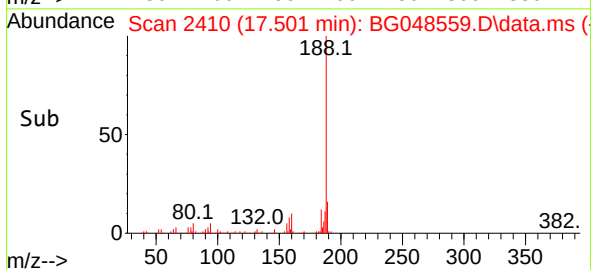
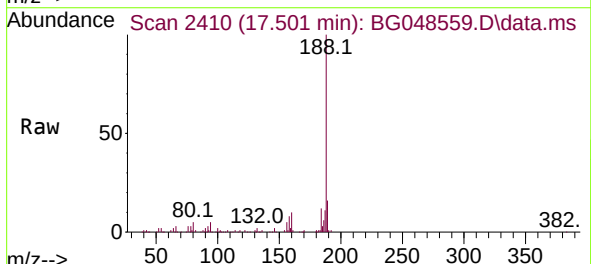
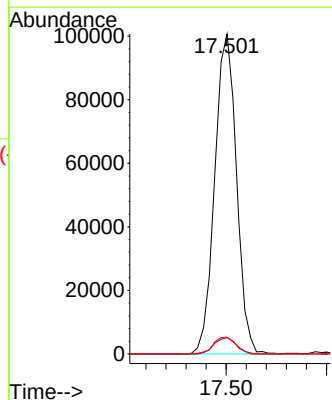


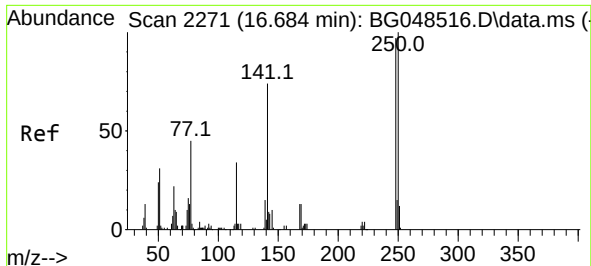
Tgt Ion:165 Resp: 8301
Ion Ratio Lower Upper
165 100
63 4.8 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:188 Resp: 151254
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 5.2 4.5 6.7

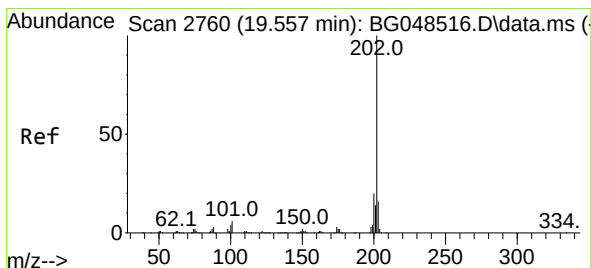
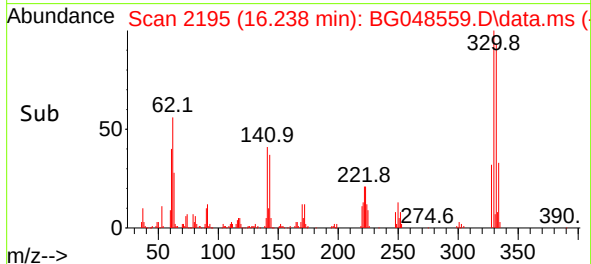
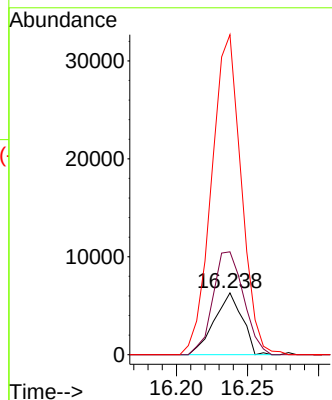
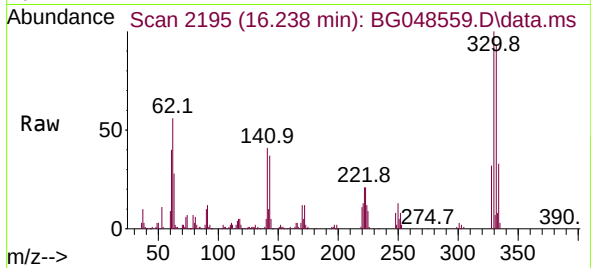




#67
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

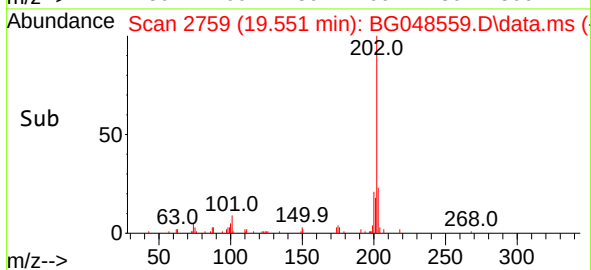
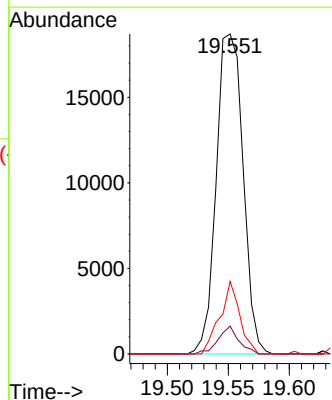
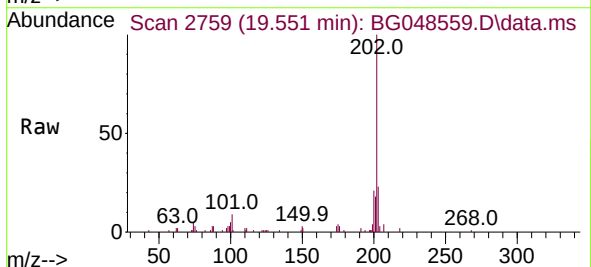
Instrument :
BNA_G
ClientSampleId :
124018-A

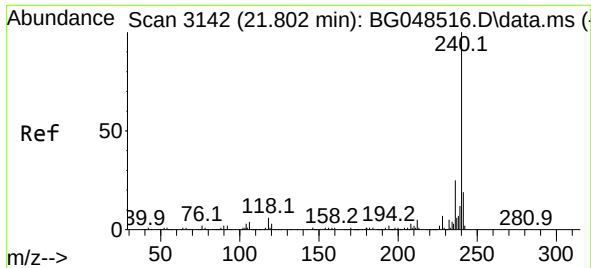
Tgt Ion:248 Resp: 8624
Ion Ratio Lower Upper
248 100
250 128.3 82.6 124.0#
141 399.2 61.0 91.6#



#75
Fluoranthene
Concen: 2.94 ng
RT: 19.551 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:202 Resp: 28650
Ion Ratio Lower Upper
202 100
101 10.2 0.0 25.8
203 22.7 0.0 36.4

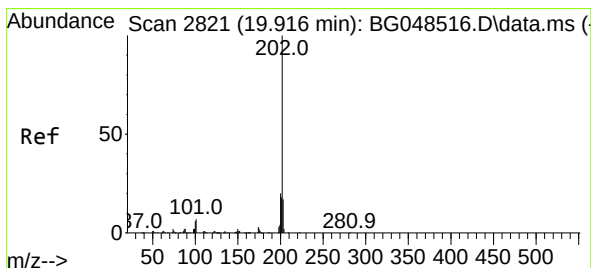
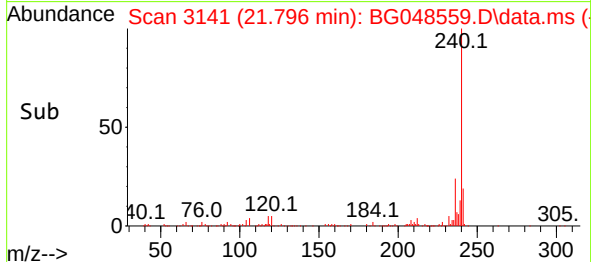
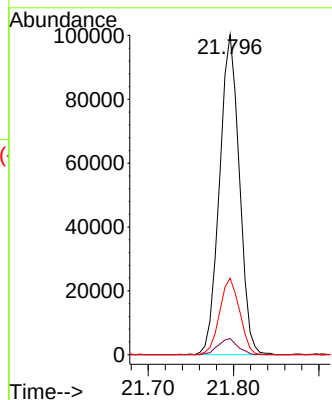
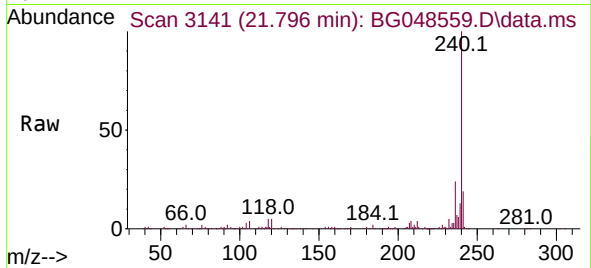




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

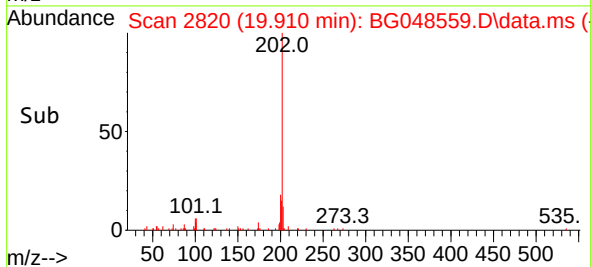
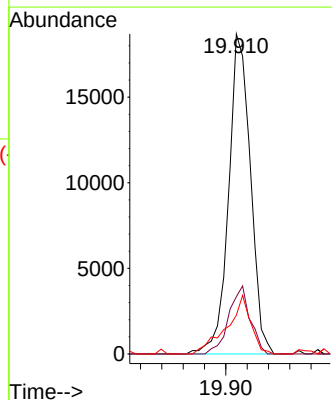
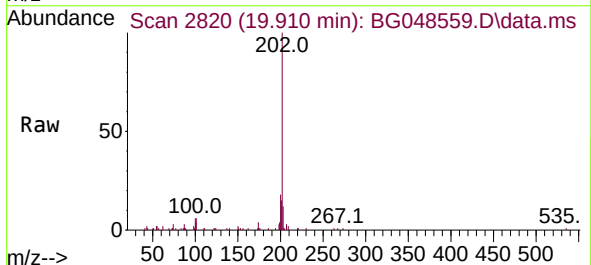
Instrument :
BNA_G
ClientSampleId :
124018-A

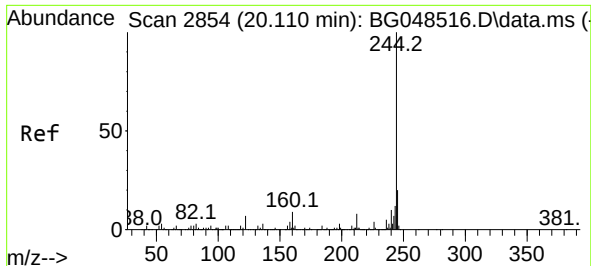
Tgt Ion:240 Resp: 161678
Ion Ratio Lower Upper
240 100
120 5.1 2.6 3.8#
236 23.9 19.8 29.6



#78
Pyrene
Concen: 2.39 ng
RT: 19.910 min Scan# 2820
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:202 Resp: 26608
Ion Ratio Lower Upper
202 100
200 17.9 16.1 24.1
203 12.1 13.6 20.4#

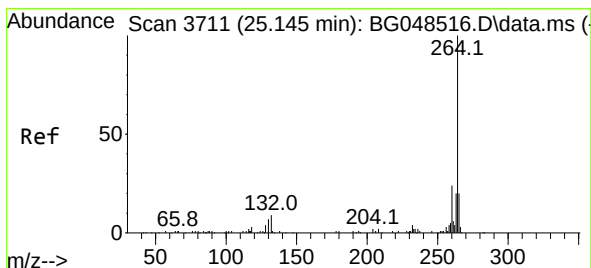
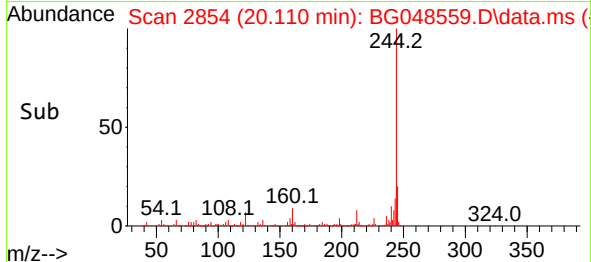
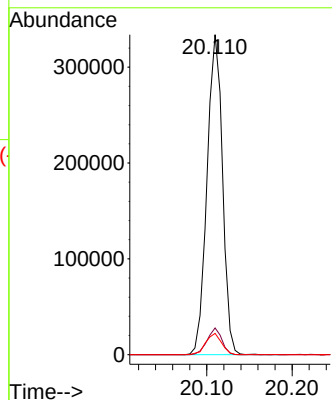
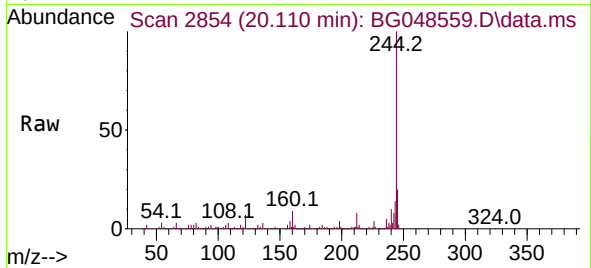




#79
Terphenyl-d14
Concen: 47.58 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Instrument :
BNA_G
ClientSampleId :
124018-A

Tgt Ion:244	Resp:	420634
Ion Ratio	Lower	Upper
244	100	
212	8.4	6.0 9.0
122	6.7	5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048559.D
Acq: 2 Apr 2021 1:12

Tgt Ion:264	Resp:	157272
Ion Ratio	Lower	Upper
264	100	
260	21.6	19.1 28.7
265	20.4	16.1 24.1

