

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049192.D
 Acq On : 6 Jul 2021 19:35
 Operator : CG/JU
 Sample : M2926-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jul 07 01:12:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

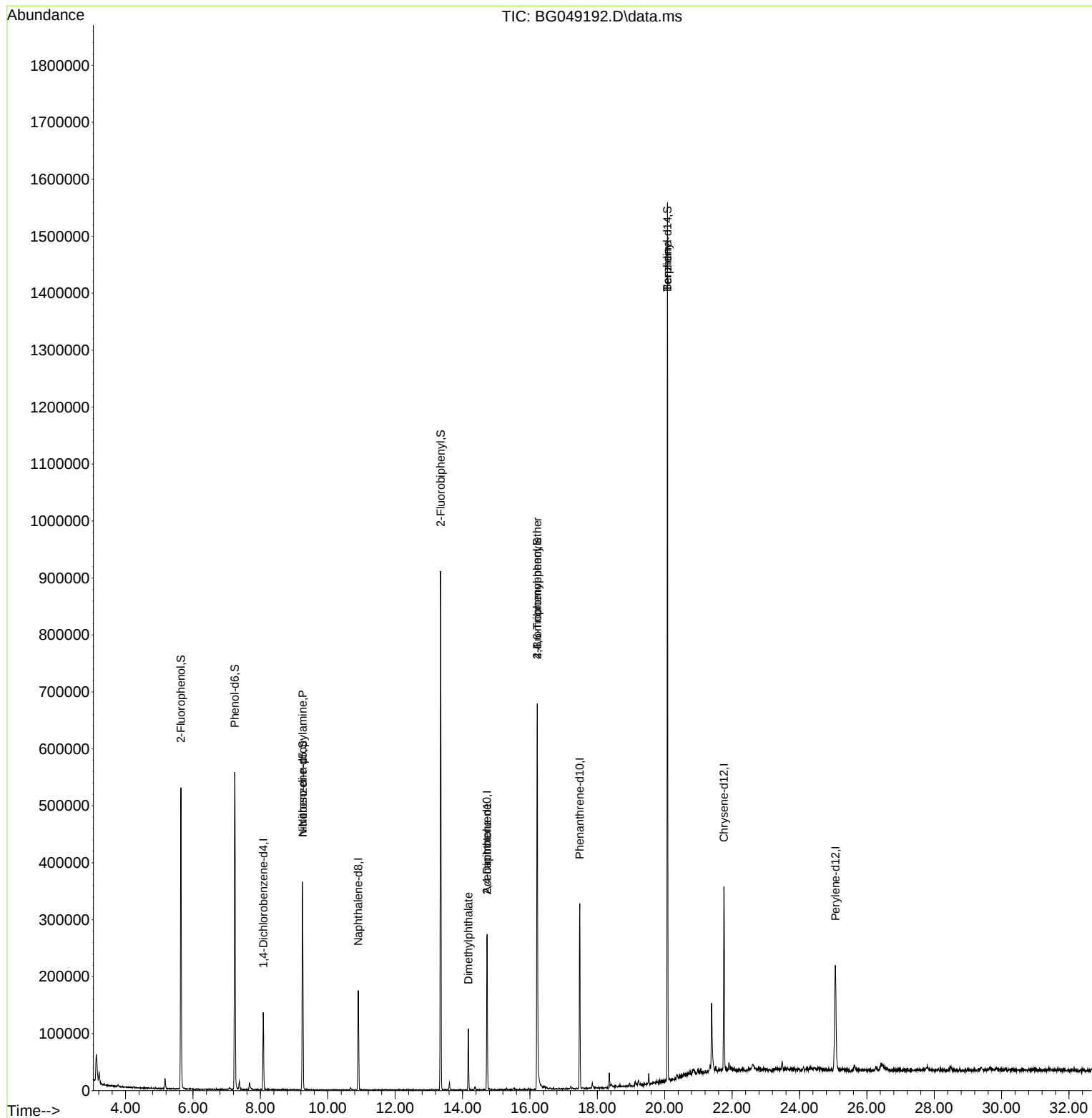
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	35719	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	146425	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	102065	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	211229	20.00	ng	# 0.00
76) Chrysene-d12	21.757	240	209539	20.00	ng	0.00
86) Perylene-d12	25.065	264	222215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	222093	97.39	ng	0.00
7) Phenol-d6	7.239	99	299471	92.11	ng	0.00
23) Nitrobenzene-d5	9.254	82	210939	61.08	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	153093	86.53	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	483510	63.91	ng	0.00
79) Terphenyl-d14	20.083	244	722830	58.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	31474	13.47	ng	# 70
50) Dimethylphthalate	14.172	163	65256	7.97	ng	100
57) 2,4-Dinitrotoluene	14.724	165	12413	4.65	ng	# 16
67) 4-Bromophenyl-phenylether	16.217	248	8834	3.10	ng	# 1
77) Benzidine	20.083	184	12737	2.83	ng	# 86

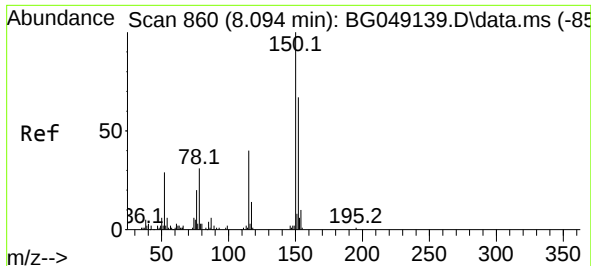
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 06 10:59:02 2021
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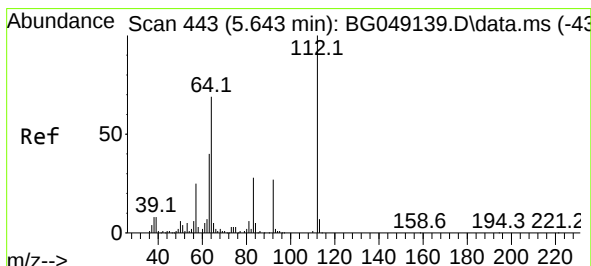
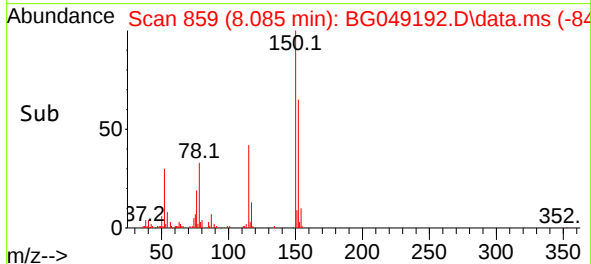
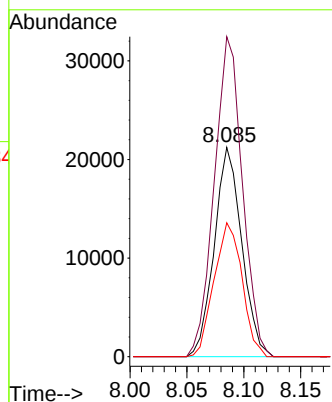
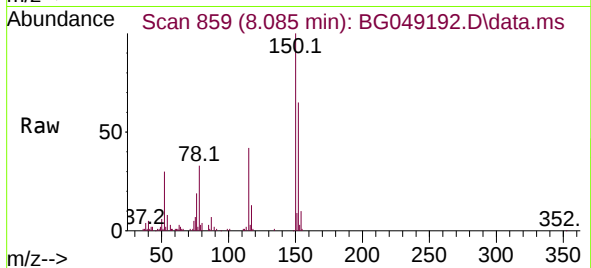




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

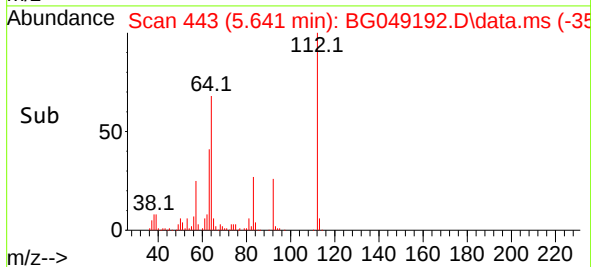
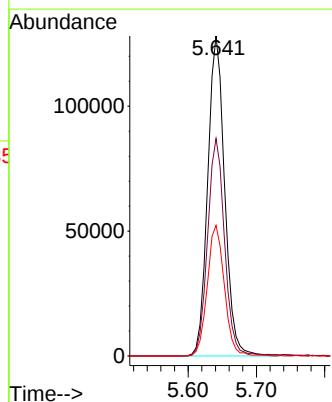
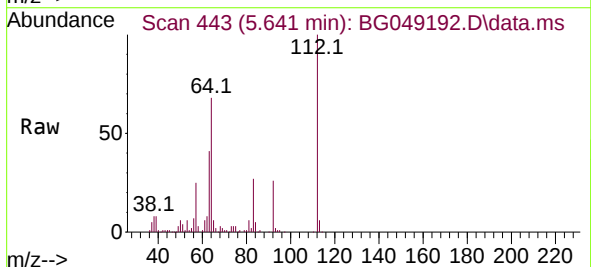
Instrument :
BNA_G
ClientSampleId :
TP-2

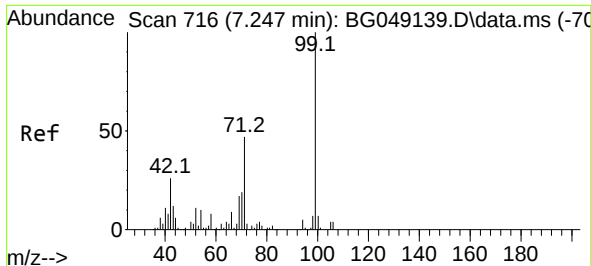
Tgt Ion:152 Resp: 35719
Ion Ratio Lower Upper
152 100
150 152.9 119.4 179.0
115 64.0 60.2 90.4



#5
2-Fluorophenol
Concen: 97.39 ng
RT: 5.641 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion:112 Resp: 222093
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 40.8 35.3 52.9

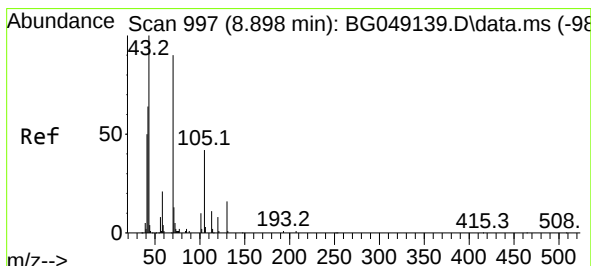
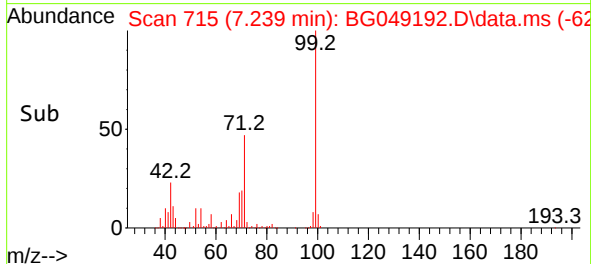
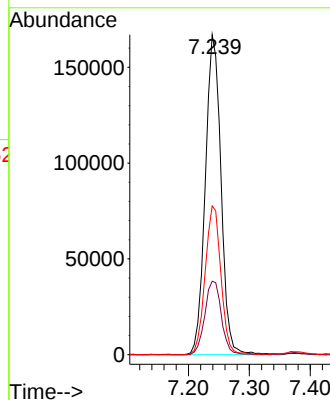
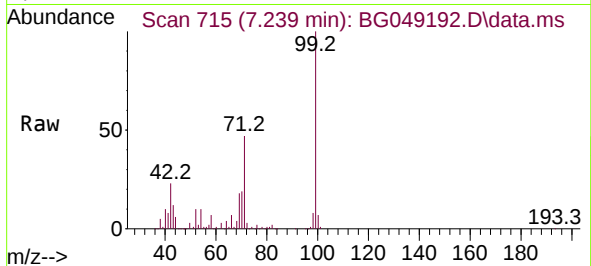




#7
Phenol-d6
Concen: 92.11 ng
RT: 7.239 min Scan# 715
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

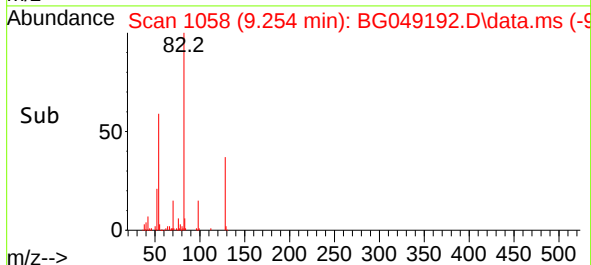
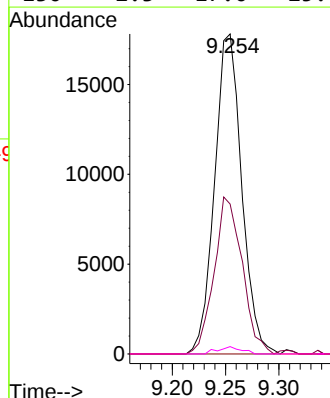
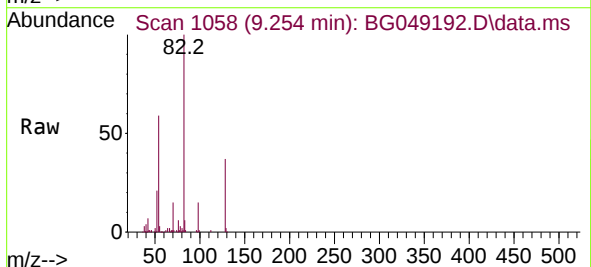
Instrument :
BNA_G
ClientSampleId :
TP-2

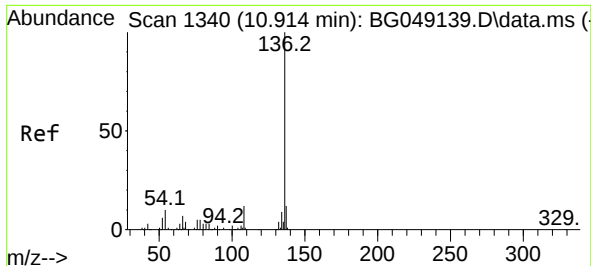
Tgt Ion: 99 Resp: 299471
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 46.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.47 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion: 70 Resp: 31474
Ion Ratio Lower Upper
70 100
42 46.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

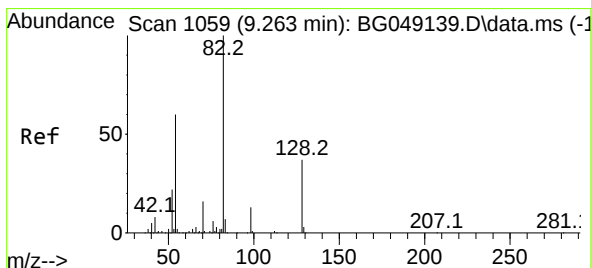
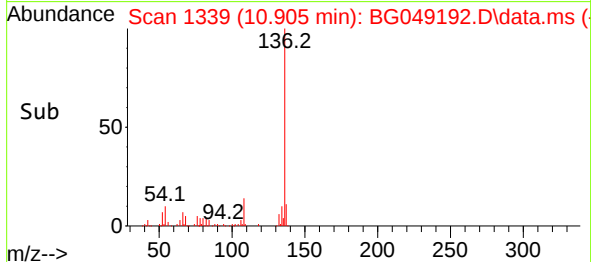
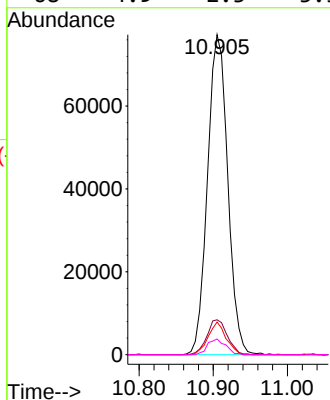
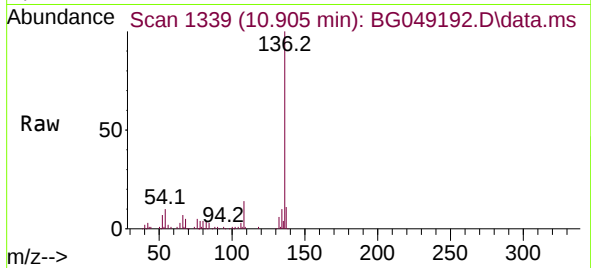




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

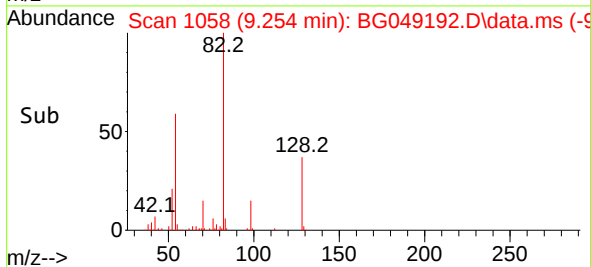
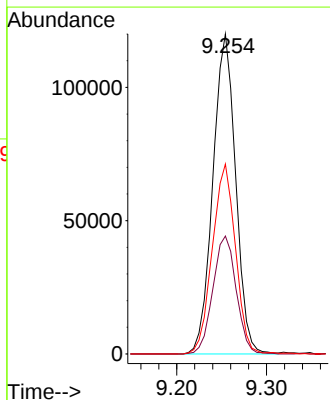
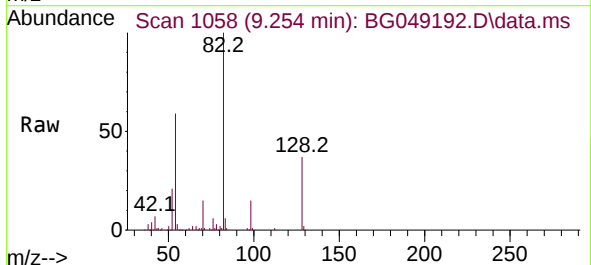
Instrument :
BNA_G
ClientSampleId :
TP-2

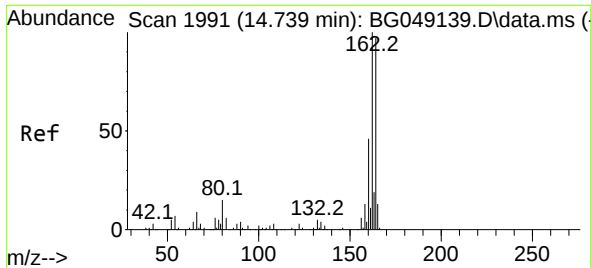
Tgt Ion:136	Resp:	146425
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.2
54	10.2	5.5 8.3#
68	4.9	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 61.08 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion: 82	Resp:	210939
Ion Ratio	Lower	Upper
82	100	
128	36.8	29.8 44.6
54	59.3	45.8 68.8

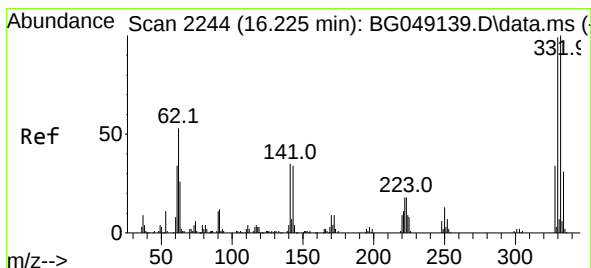
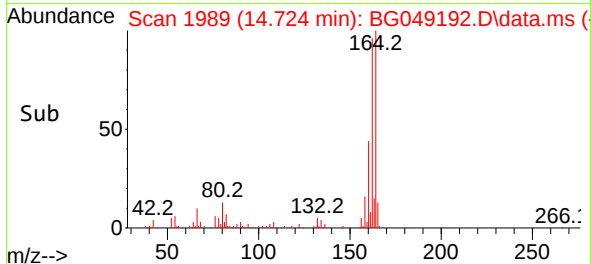
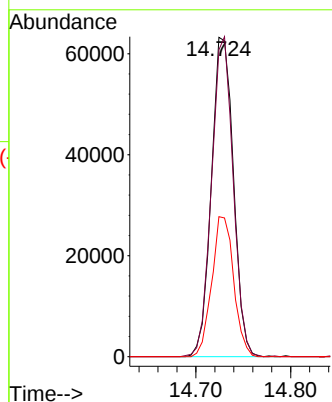
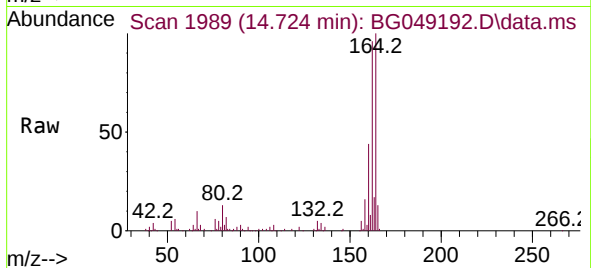




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

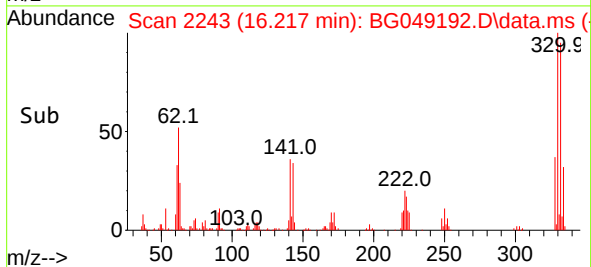
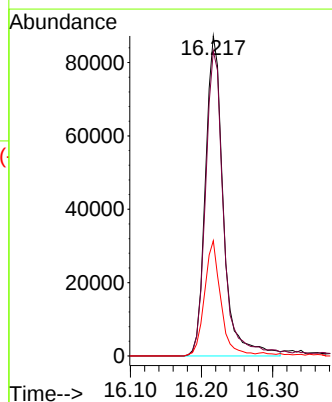
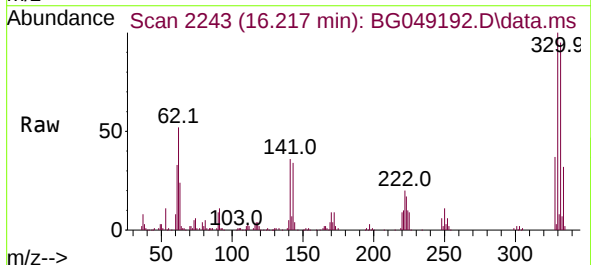
Instrument :
BNA_G
ClientSampleId :
TP-2

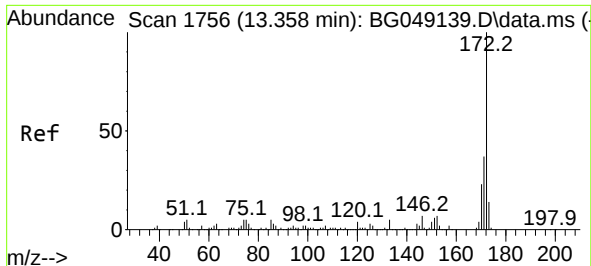
Tgt Ion:164 Resp: 102065
Ion Ratio Lower Upper
164 100
162 96.1 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 86.53 ng
RT: 16.217 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion:330 Resp: 153093
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.9 35.6 53.4#

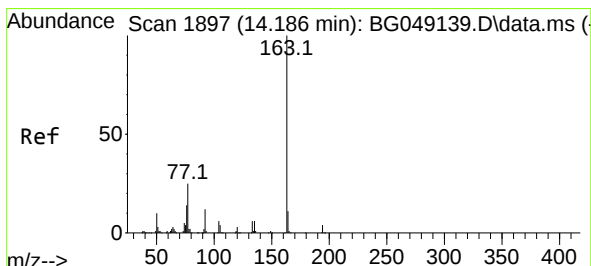
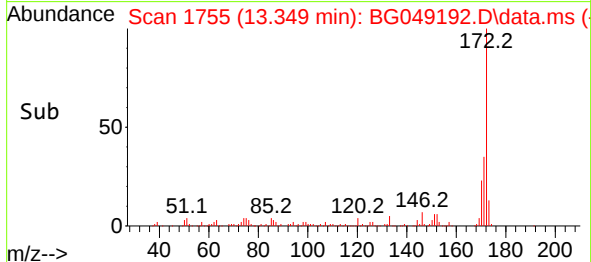
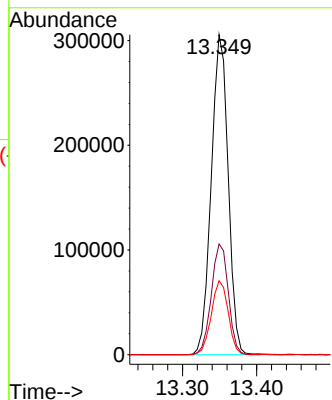
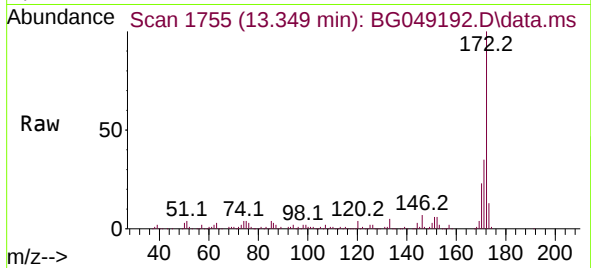




#45
2-Fluorobiphenyl
Concen: 63.91 ng
RT: 13.349 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

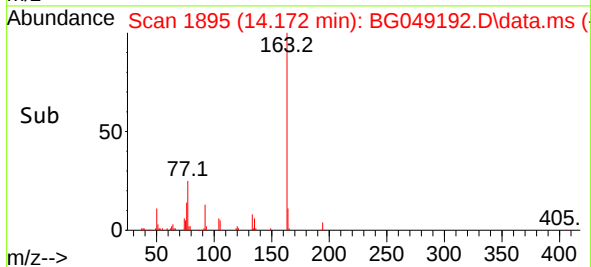
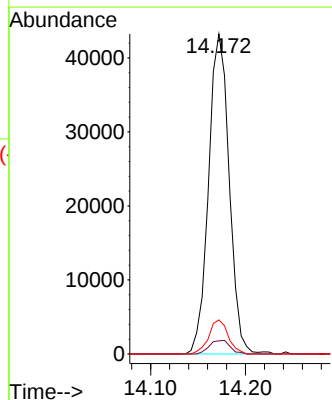
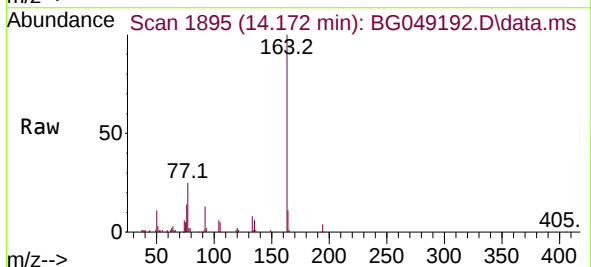
Instrument :
BNA_G
ClientSampleId :
TP-2

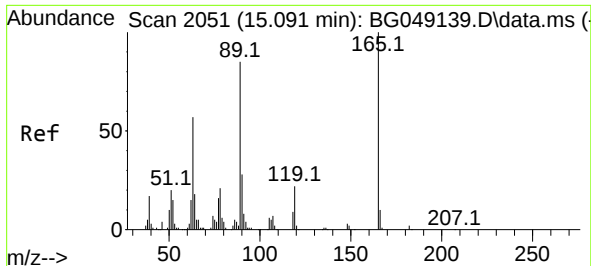
Tgt Ion:172	Resp:	483510	
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.1	18.6	27.8



#50
Dimethylphthalate
Concen: 7.97 ng
RT: 14.172 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion:163	Resp:	65256	
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.6	8.6	12.8

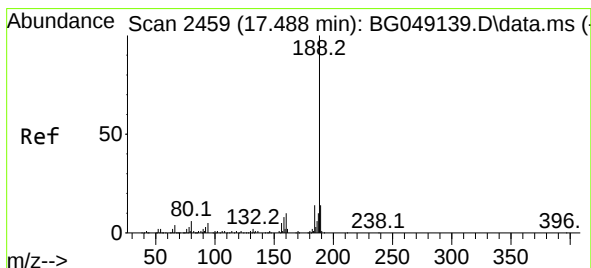
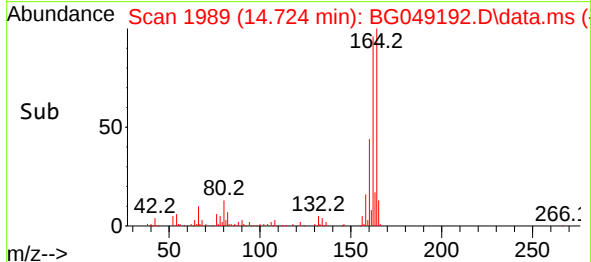
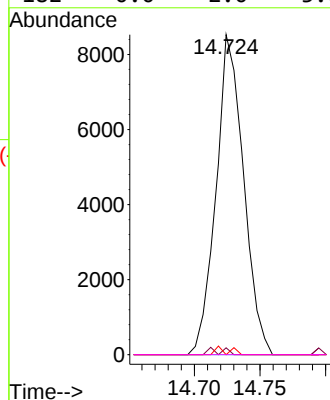
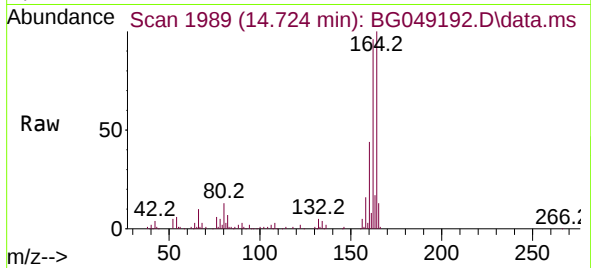




#57
2,4-Dinitrotoluene
Concen: 4.65 ng
RT: 14.724 min Scan# 1989
Delta R.T. -0.358 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

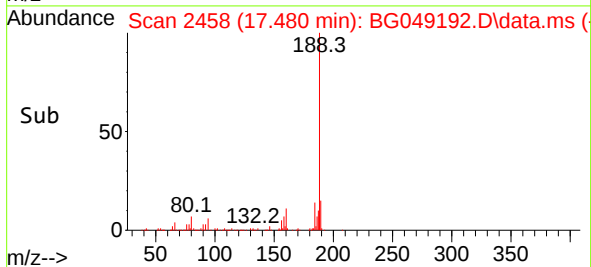
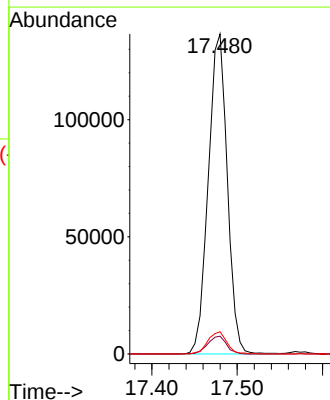
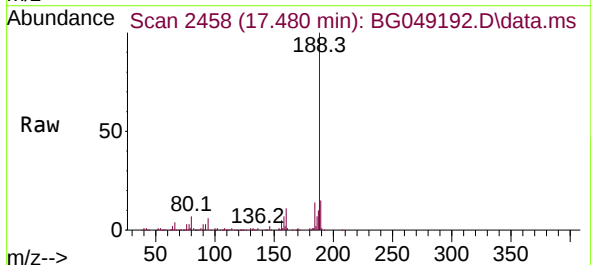
Instrument :
BNA_G
ClientSampled :
TP-2

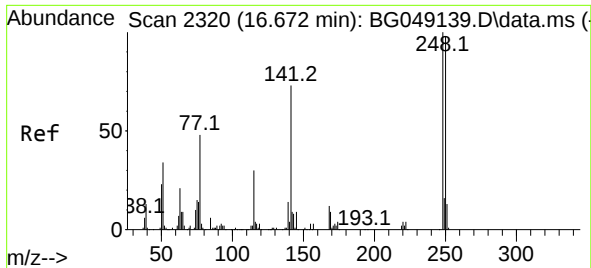
Tgt Ion:	165	Resp:	12413
Ion Ratio	Lower	Upper	
165	100		
63	2.1	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion:	188	Resp:	211229
Ion Ratio	Lower	Upper	
188	100		
94	5.5	5.4	8.0
80	7.0	3.7	5.5#

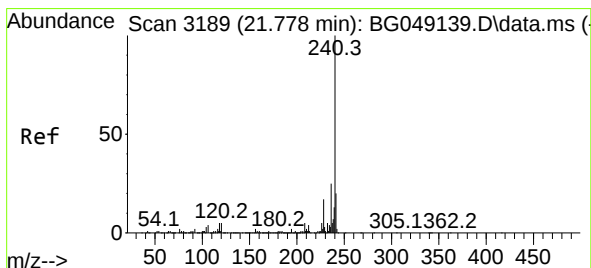
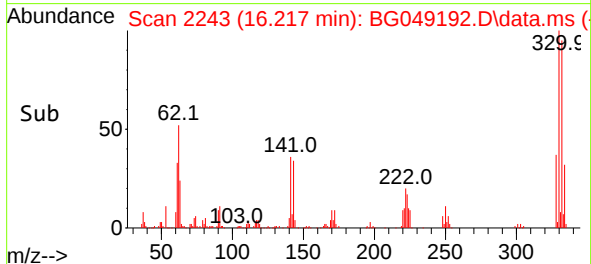
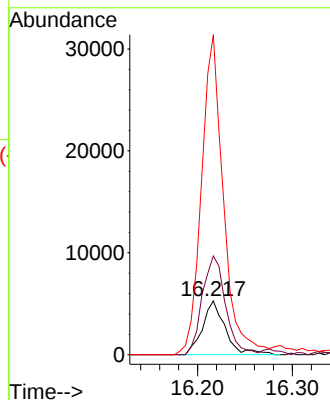
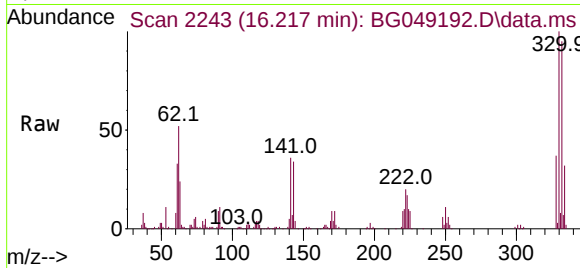




#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.446 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

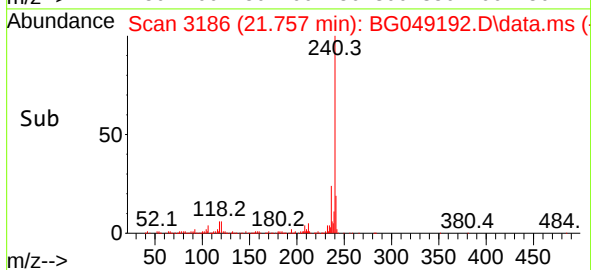
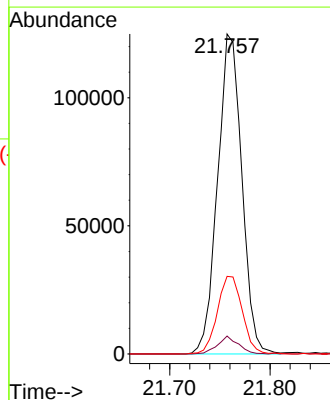
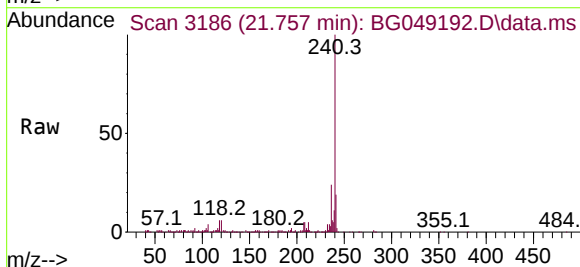
Instrument :
BNA_G
ClientSampleId :
TP-2

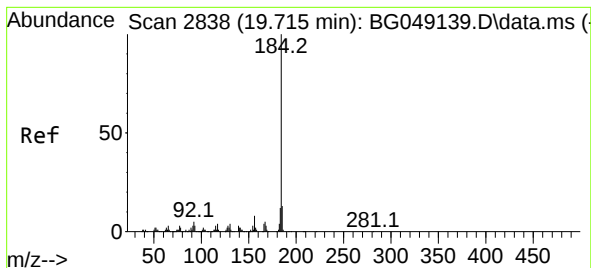
Tgt Ion:248 Resp: 8834
Ion Ratio Lower Upper
248 100
250 183.6 76.1 114.1#
141 595.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.757 min Scan# 3186
Delta R.T. -0.006 min
Lab File: BG049192.D
Acq: 6 Jul 2021 19:35

Tgt Ion:240 Resp: 209539
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 24.2 21.8 32.6





#77

Benzidine

Concen: 2.83 ng

RT: 20.083 min Scan# 2901

Delta R.T. 0.376 min

Lab File: BG049192.D

Acq: 6 Jul 2021 19:35

Tgt Ion:184 Resp: 12737

Ion Ratio Lower Upper

184 100

185 19.0 10.7 16.1#

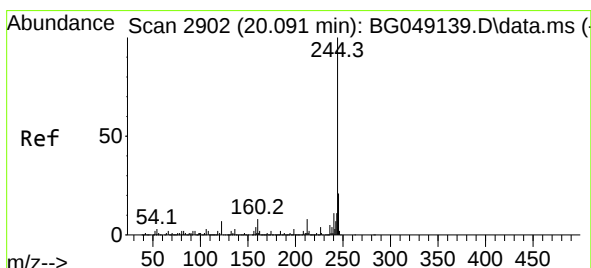
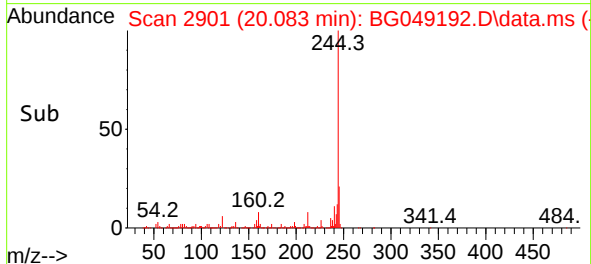
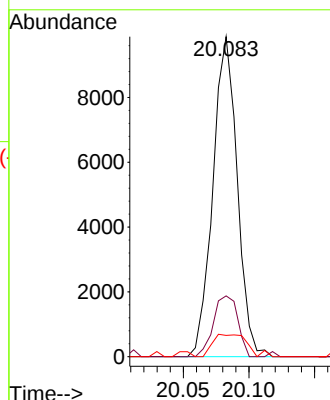
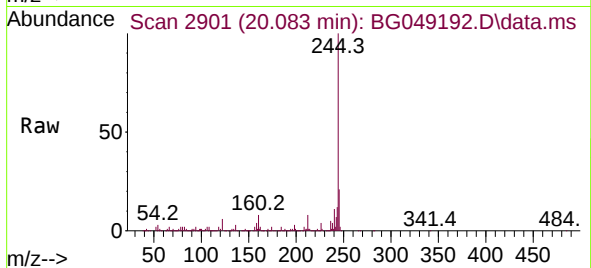
183 6.6 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

TP-2



#79

Terphenyl-d14

Concen: 58.45 ng

RT: 20.083 min Scan# 2901

Delta R.T. 0.000 min

Lab File: BG049192.D

Acq: 6 Jul 2021 19:35

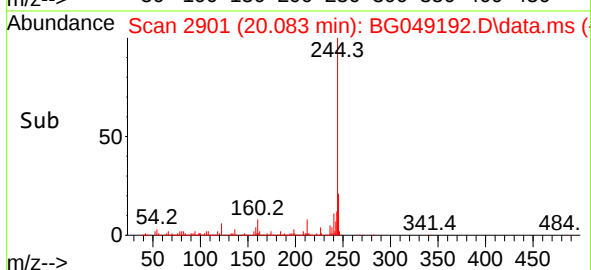
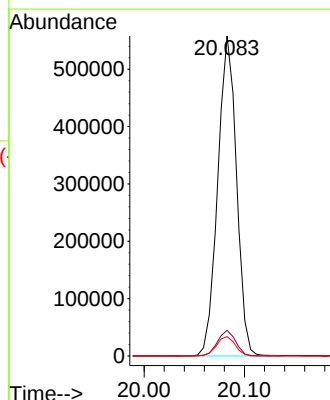
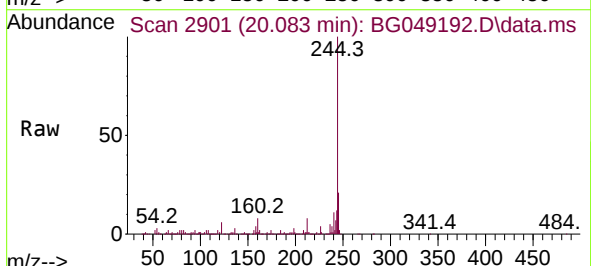
Tgt Ion:244 Resp: 722830

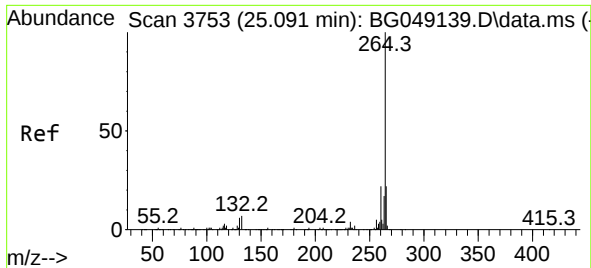
Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. 0.000 min
 Lab File: BG049192.D
 Acq: 6 Jul 2021 19:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 222215
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.2
 265 20.4 16.9 25.3

