

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049127.D
 Acq On : 28 Jun 2021 20:26
 Operator : CG/JU
 Sample : M2856-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 29 04:01:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

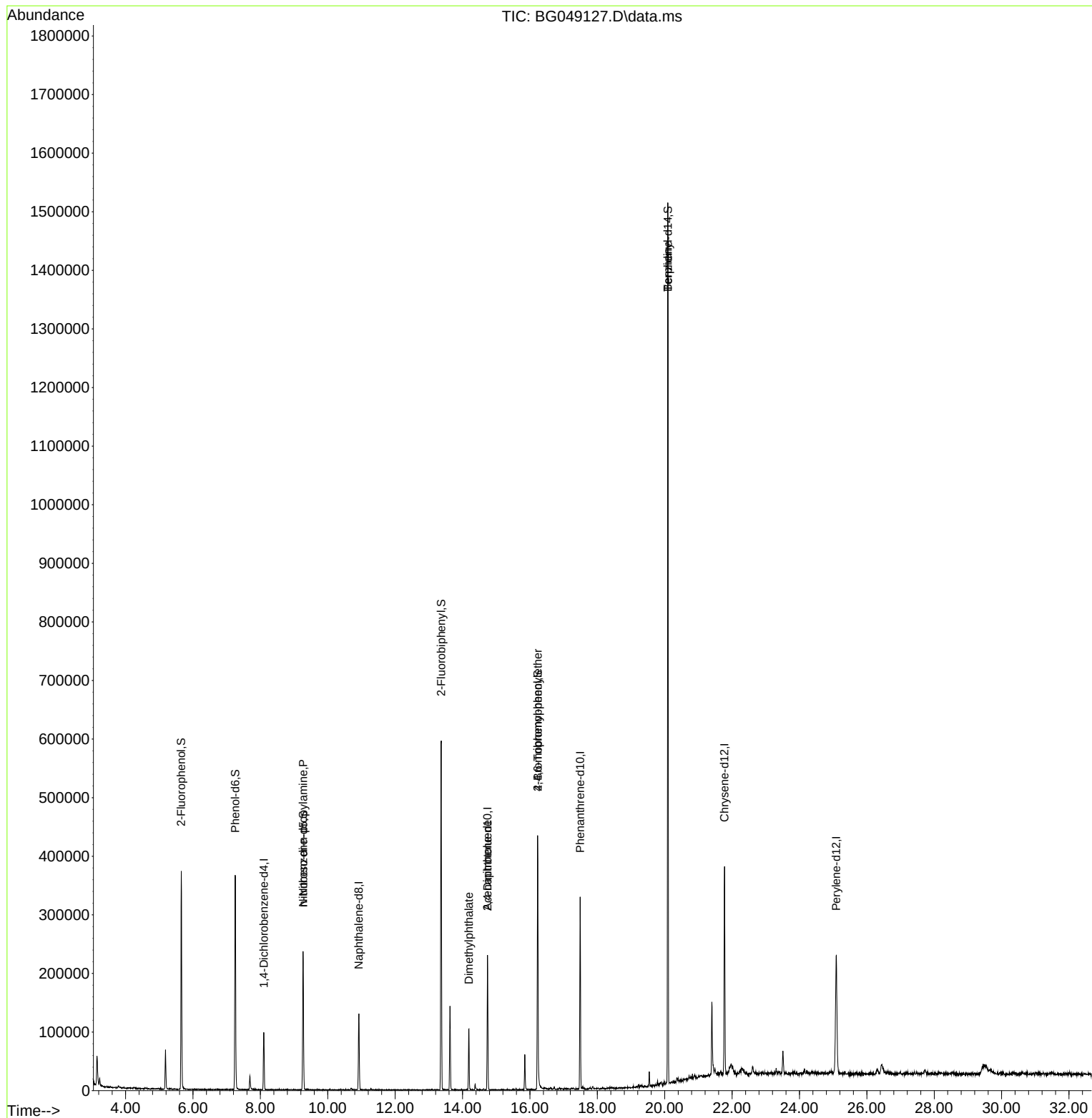
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	26276	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	107648	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	81965	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	209155	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	227422	20.00	ng	-0.01
86) Perylene-d12	25.094	264	231974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	146894	87.02	ng	0.00
7) Phenol-d6	7.256	99	193424	76.45	ng	0.00
23) Nitrobenzene-d5	9.266	82	136959	54.86	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	92372	76.07	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	317988	54.81	ng	0.00
79) Terphenyl-d14	20.094	244	718335	57.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	20292	10.26	ng	# 77
50) Dimethylphthalate	14.189	163	67090	10.51	ng	100
57) 2,4-Dinitrotoluene	14.742	165	10603	6.64	ng	# 16
67) 4-Bromophenyl-phenylether	16.228	248	5723	2.19	ng	# 1
77) Benzidine	20.094	184	13090	2.86	ng	# 91

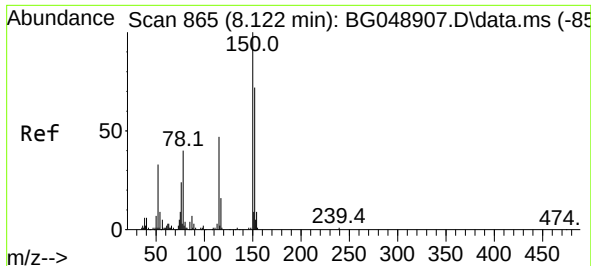
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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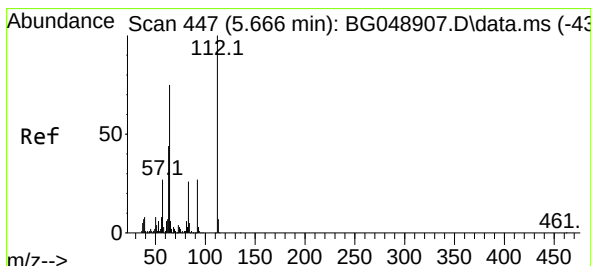
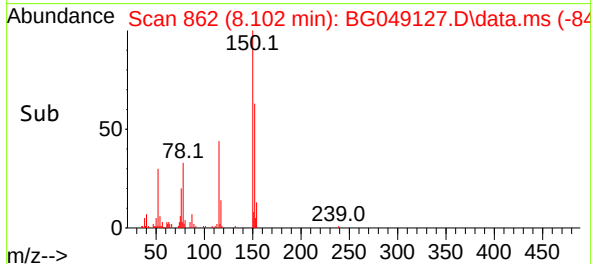
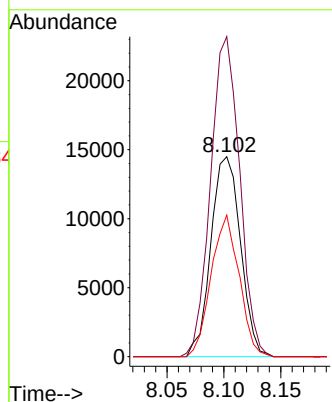
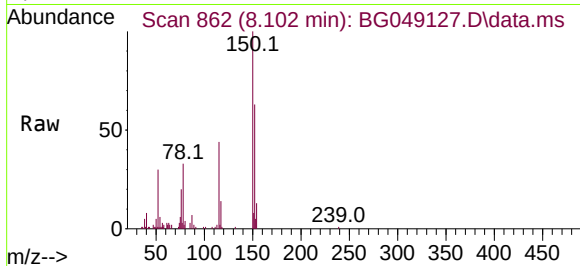


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.102 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: BG049127.D
 Acq: 28 Jun 2021 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion:152 Resp: 26276

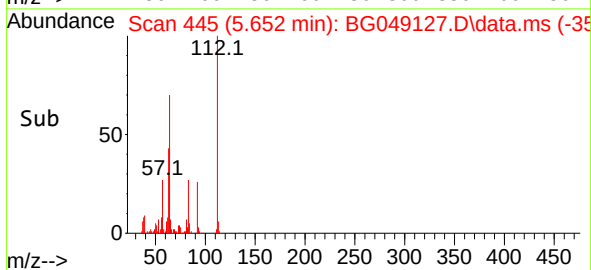
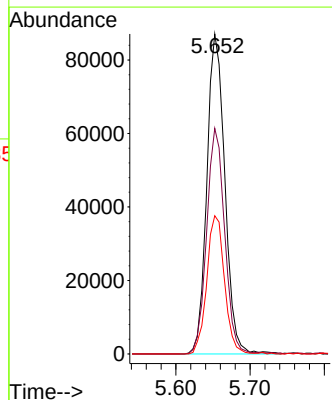
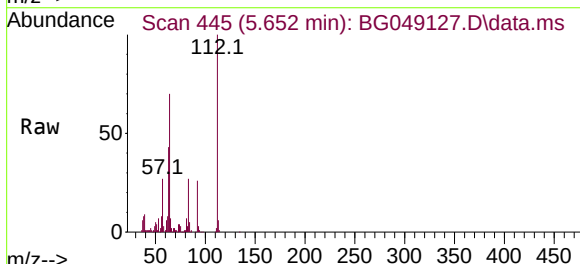
Ion	Ratio	Lower	Upper
152	100		
150	160.0	119.4	179.0
115	70.7	60.2	90.4

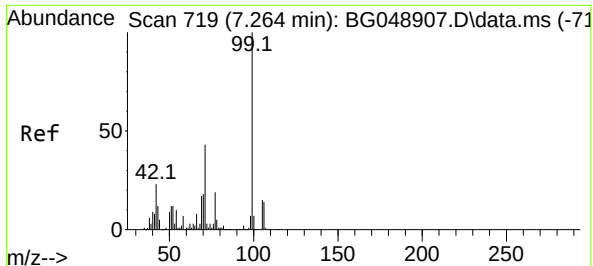


#5
 2-Fluorophenol
 Concen: 87.02 ng
 RT: 5.652 min Scan# 445
 Delta R.T. -0.003 min
 Lab File: BG049127.D
 Acq: 28 Jun 2021 20:26

Tgt Ion:112 Resp: 146894

Ion	Ratio	Lower	Upper
112	100		
64	70.5	46.7	70.1#
63	43.2	35.3	52.9

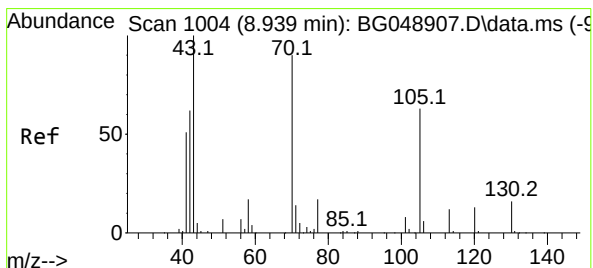
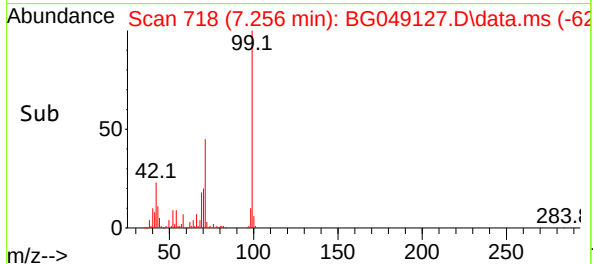
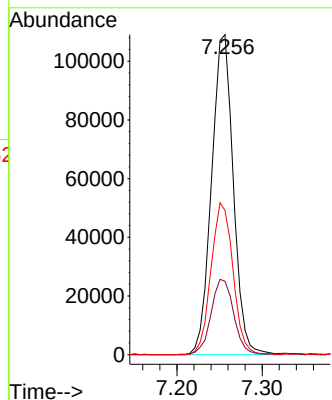
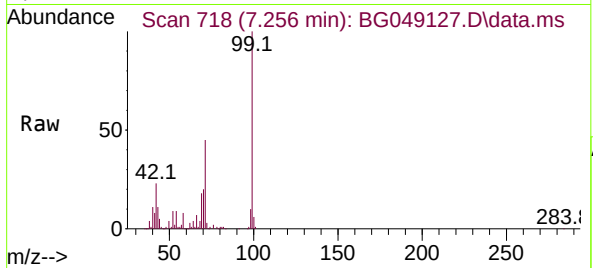




#7
Phenol-d6
Concen: 76.45 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

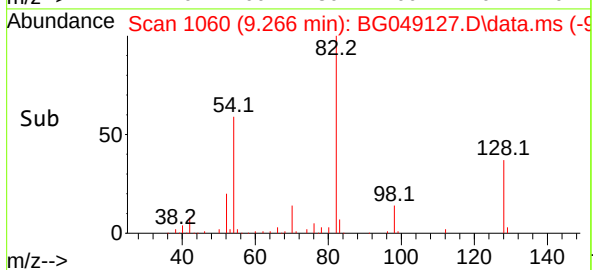
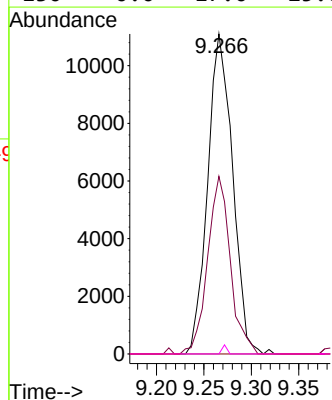
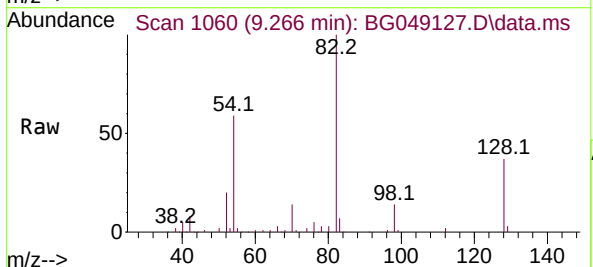
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

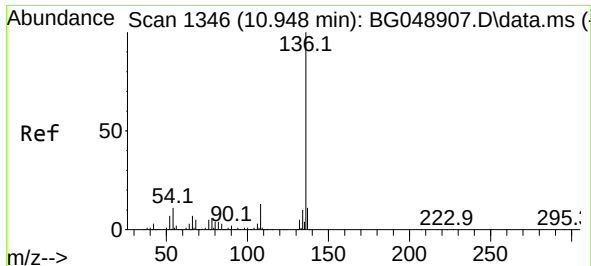
Tgt Ion:	99	Resp:	193424
Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.5	30.7
71	45.0	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.26 ng
RT: 9.266 min Scan# 1060
Delta R.T. 0.355 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:	70	Resp:	20292
Ion	Ratio	Lower	Upper
70	100		
42	55.5	54.5	81.7
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

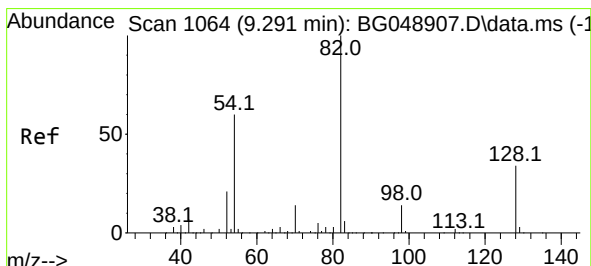
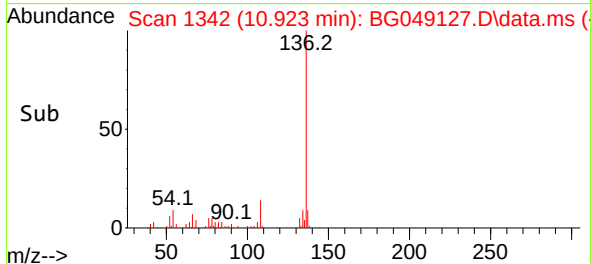
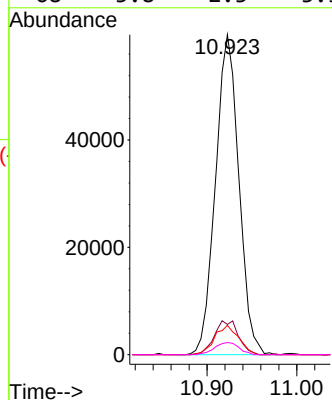
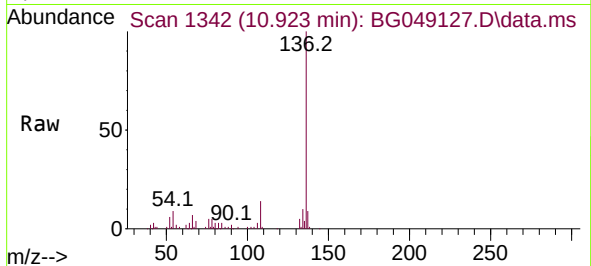




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

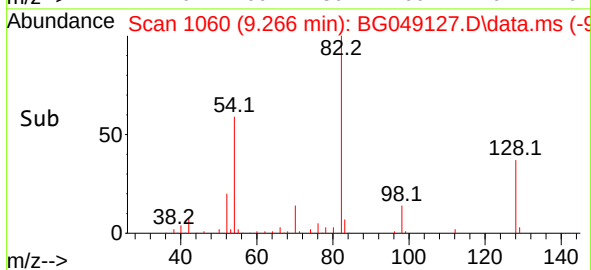
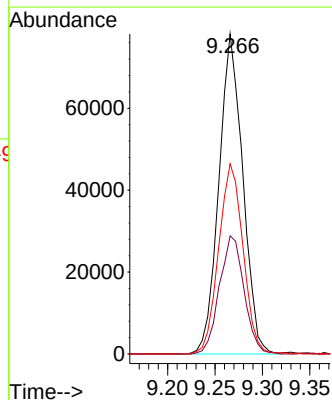
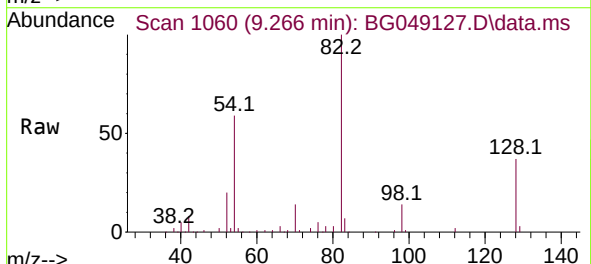
Instrument :
BNA_G
ClientSampleId :
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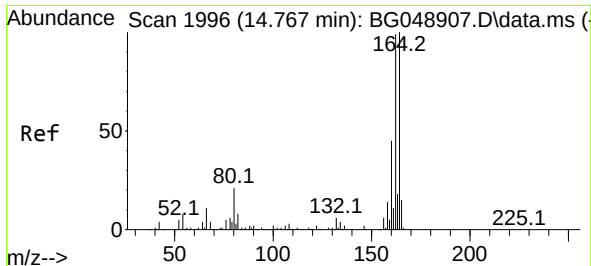
Tgt Ion:	136	Resp:	107648
Ion Ratio	Lower	Upper	
136	100		
137	9.4	8.2	12.2
54	9.2	5.5	8.3#
68	3.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 54.86 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:	82	Resp:	136959
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.8	44.6
54	59.5	45.8	68.8

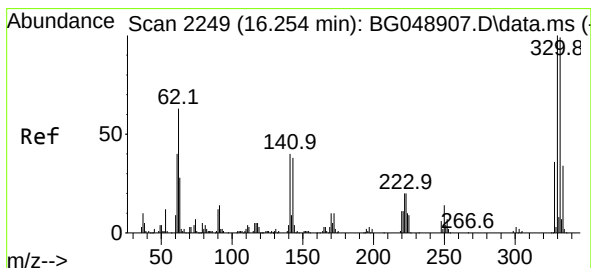
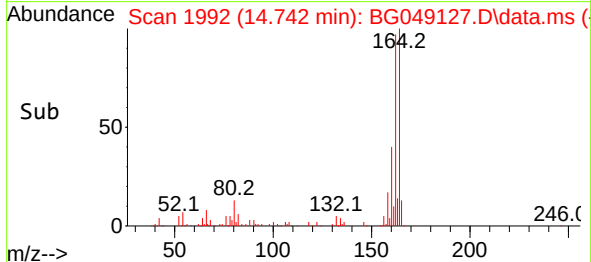
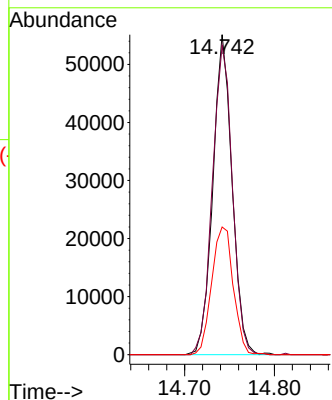
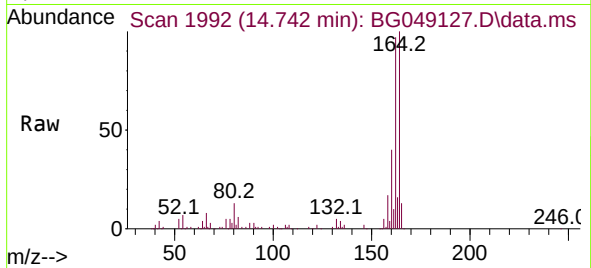




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

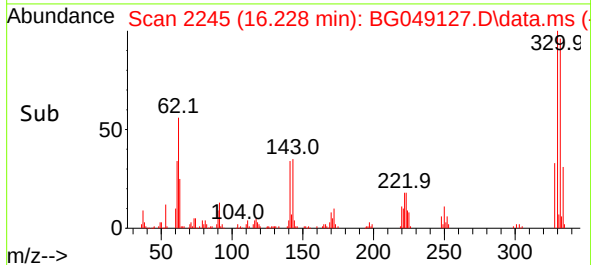
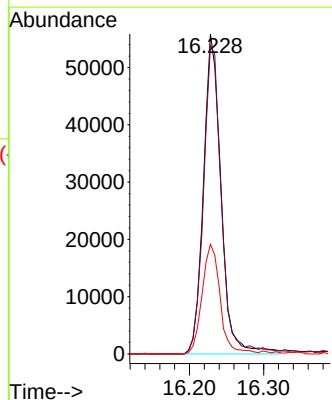
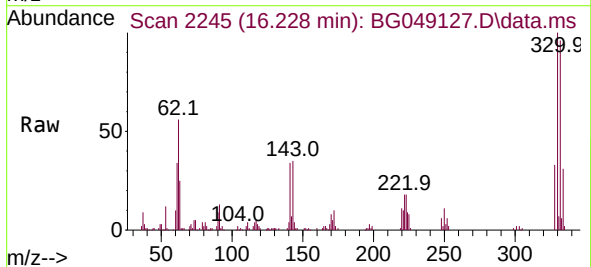
Instrument :
BNA_G
ClientSampleId :
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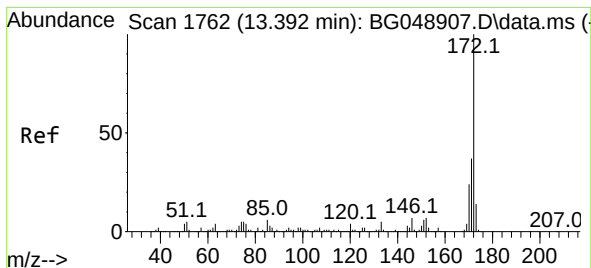
Tgt Ion:164 Resp: 81965
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 39.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 76.07 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:330 Resp: 92372
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 35.0 35.6 53.4#

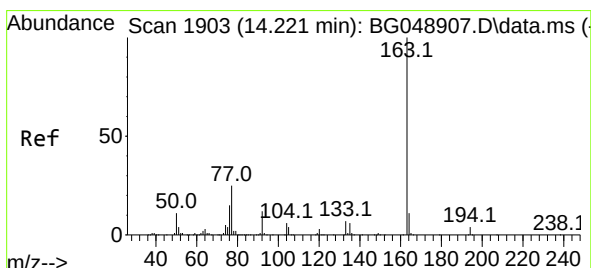
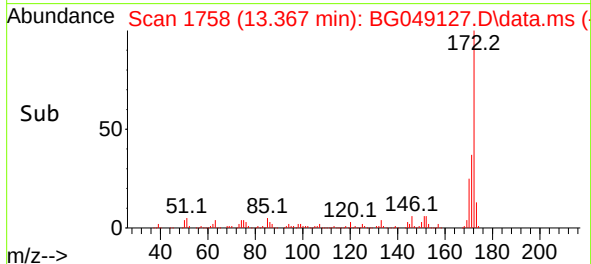
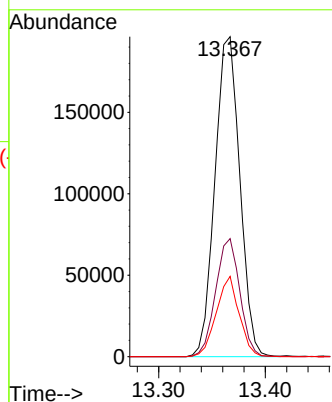
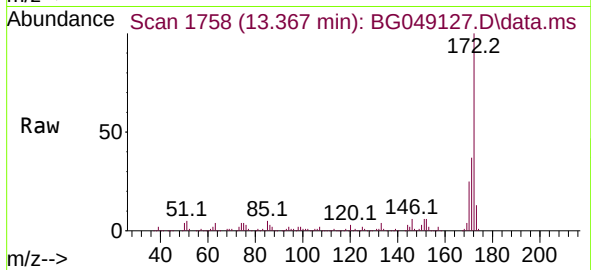




#45
2-Fluorobiphenyl
Concen: 54.81 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

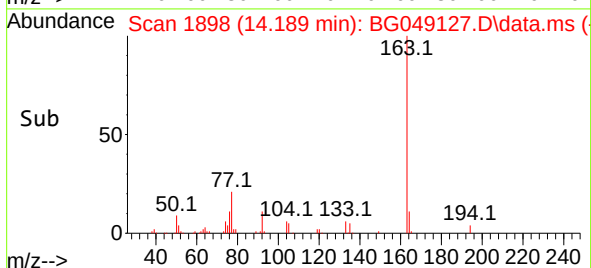
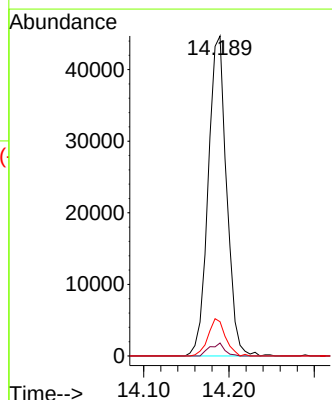
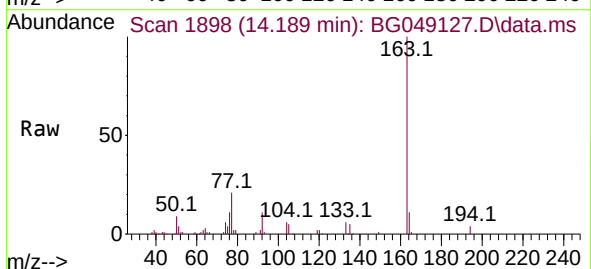
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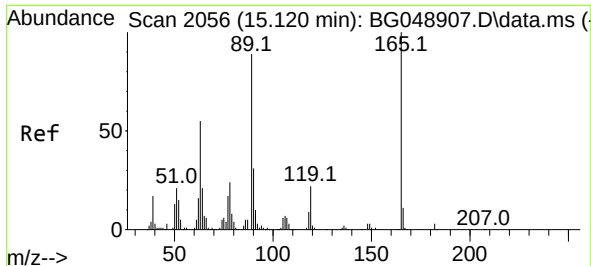
Tgt Ion:172 Resp: 317988
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.1 18.6 27.8



#50
Dimethylphthalate
Concen: 10.51 ng
RT: 14.189 min Scan# 1898
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:163 Resp: 67090
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.7 8.6 12.8

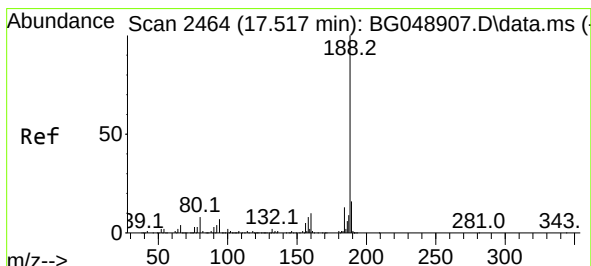
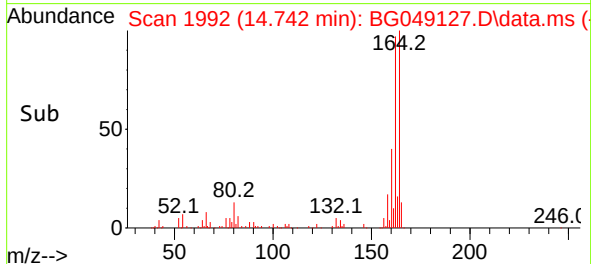
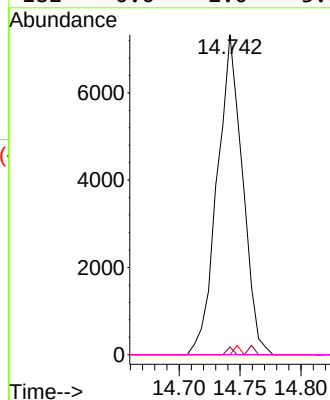
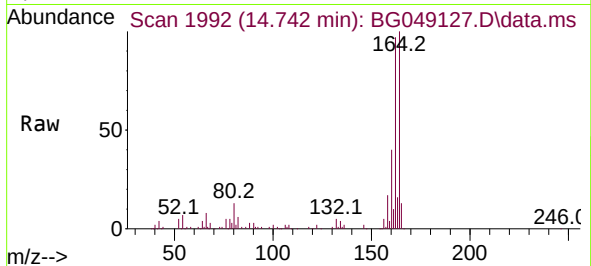




#57
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

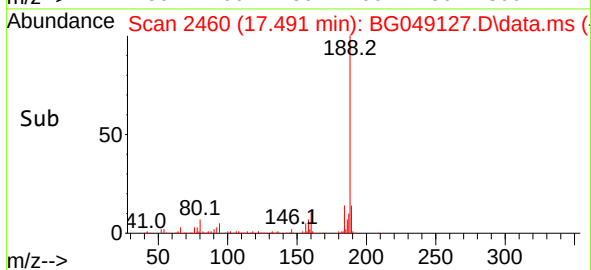
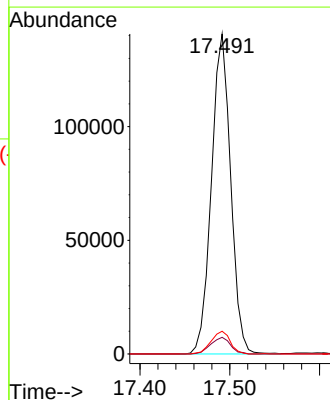
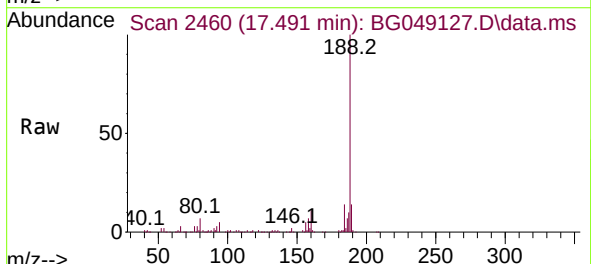
Instrument :
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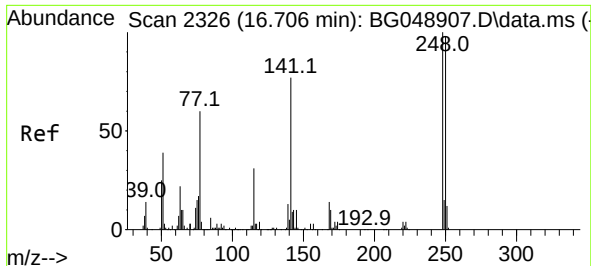
Tgt Ion:165 Resp: 10603
Ion Ratio Lower Upper
165 100
63 2.4 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:188 Resp: 209155
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 7.1 3.7 5.5#

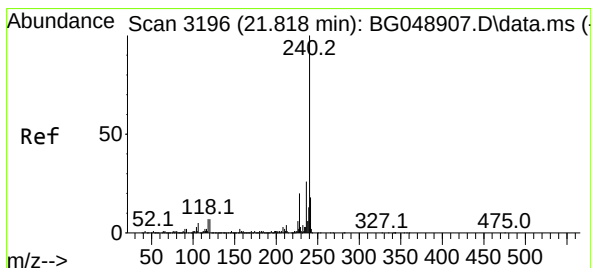
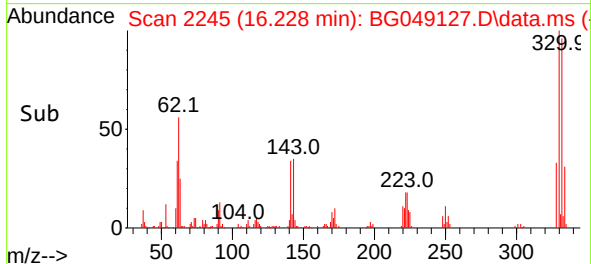
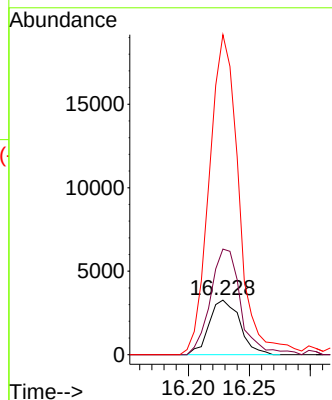
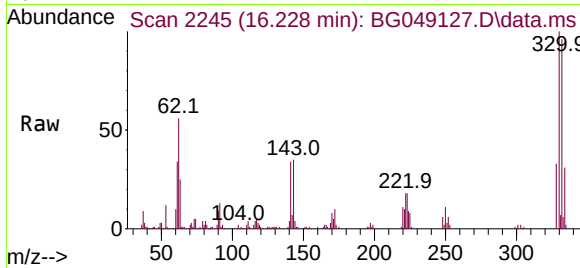




#67
4-Bromophenyl-phenylether
Concen: 2.19 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.455 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

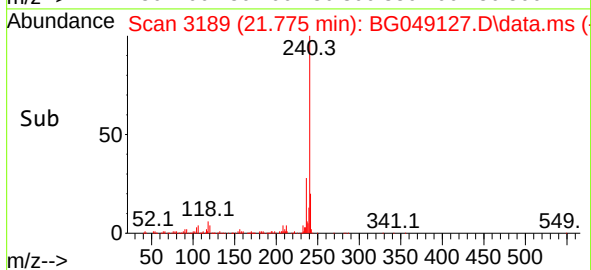
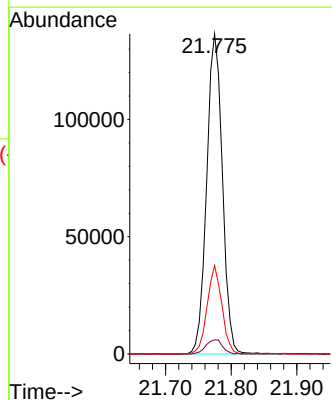
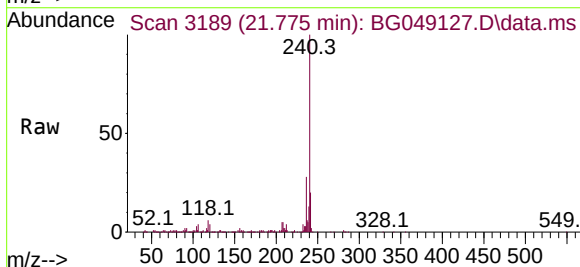
Instrument :
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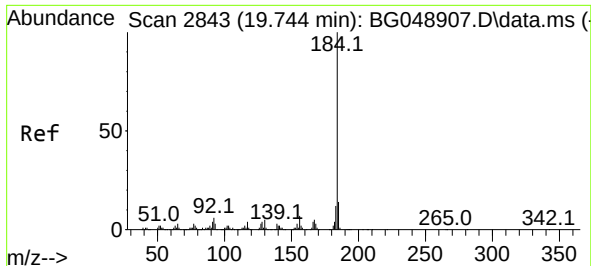
Tgt Ion:248 Resp: 5723
Ion Ratio Lower Upper
248 100
250 193.8 76.1 114.1#
141 587.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:240 Resp: 227422
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 27.7 21.8 32.6

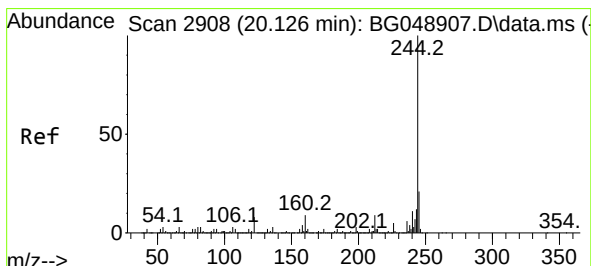
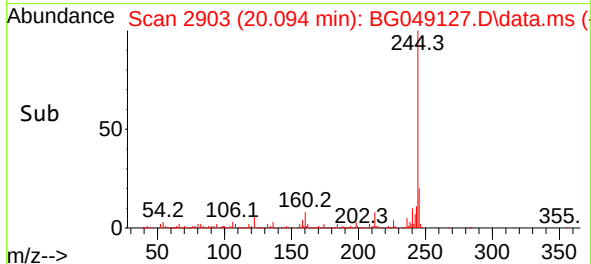
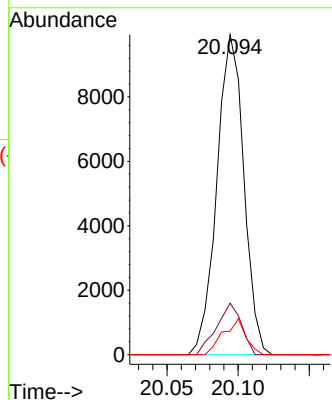
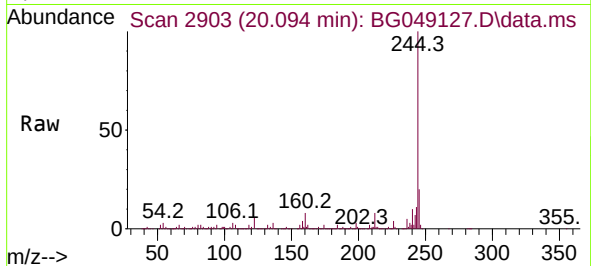




#77
Benzidine
Concen: 2.86 ng
RT: 20.094 min Scan# 2903
Delta R.T. 0.373 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

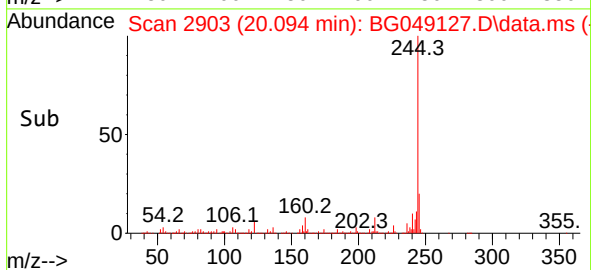
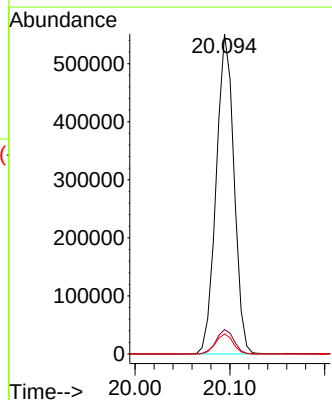
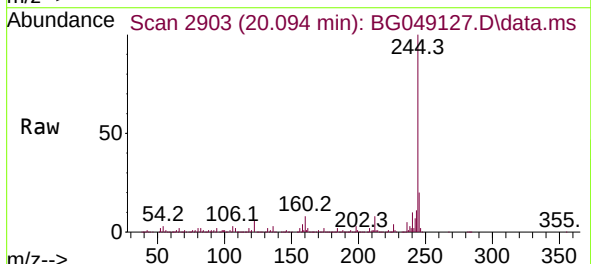
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

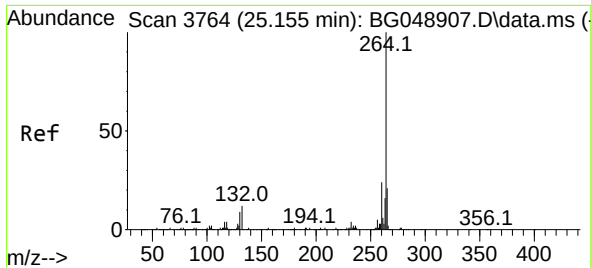
Tgt Ion:184 Resp: 13090
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1#
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 57.85 ng
RT: 20.094 min Scan# 2903
Delta R.T. -0.009 min
Lab File: BG049127.D
Acq: 28 Jun 2021 20:26

Tgt Ion:244 Resp: 718335
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.094 min Scan# 3754
 Delta R.T. -0.009 min
 Lab File: BG049127.D
 Acq: 28 Jun 2021 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion:264	Resp:	231974
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.4 29.2
265	21.5	16.9 25.3

