

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049123.D
 Acq On : 28 Jun 2021 17:42
 Operator : CG/JU
 Sample : M2827-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM-7

Quant Time: Jun 29 04:00:52 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)

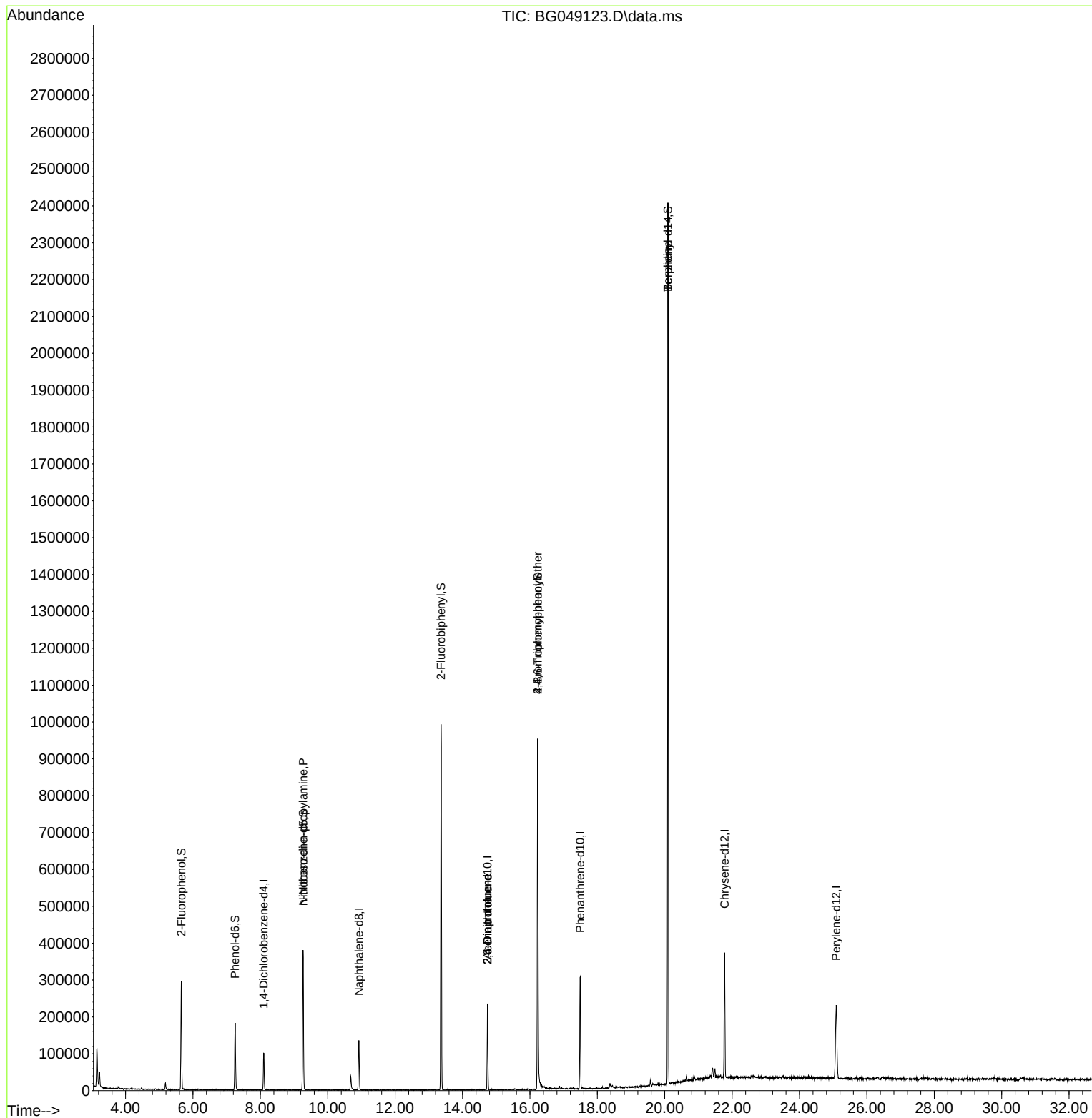
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	26634	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	109999	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	83523	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	202317	20.00	ng	#-0.01
76) Chrysene-d12	21.777	240	217072	20.00	ng	-0.01
86) Perylene-d12	25.091	264	225612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	116981	68.37	ng	0.00
7) Phenol-d6	7.253	99	92650	36.13	ng	0.00
23) Nitrobenzene-d5	9.268	82	230702	90.44	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	209504	169.30	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	524862	88.77	ng	0.00
79) Terphenyl-d14	20.097	244	1124592	94.88	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.268	70	34587	17.25	ng	# 69
51) 2,6-Dinitrotoluene	14.739	165	10782	8.14	ng	# 13
57) 2,4-Dinitrotoluene	14.739	165	10782	6.63	ng	# 18
67) 4-Bromophenyl-phenylether	16.231	248	12843	5.08	ng	# 1
77) Benzidine	20.097	184	20906	4.78	ng	# 86

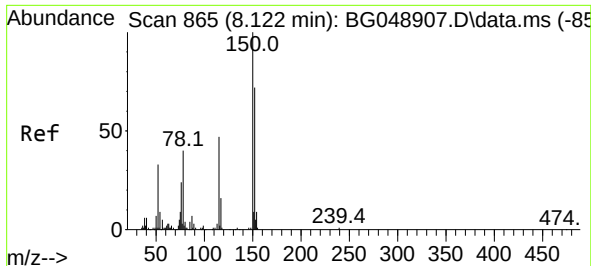
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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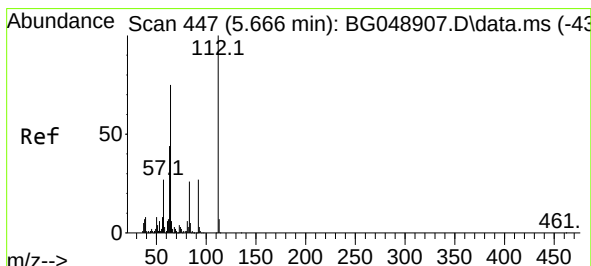
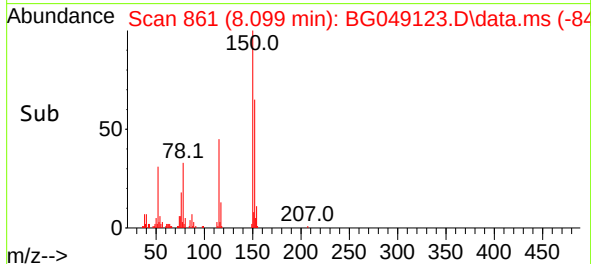
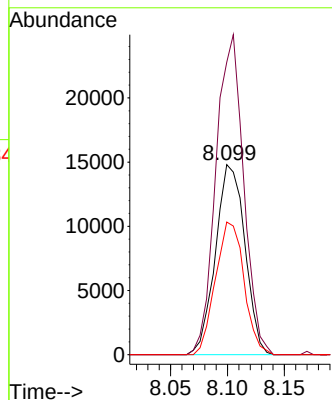
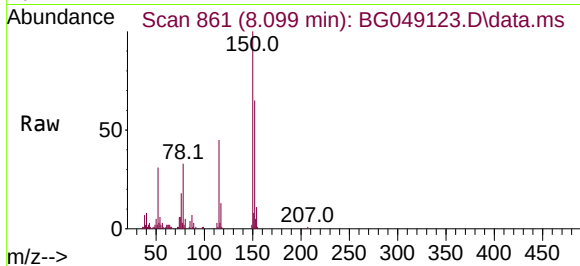




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 861
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

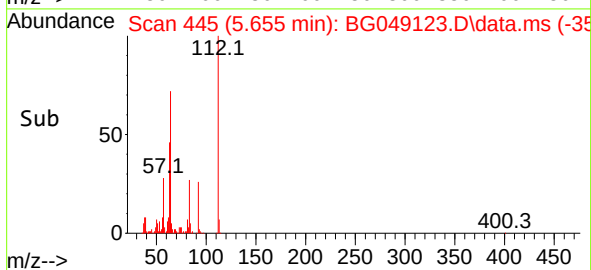
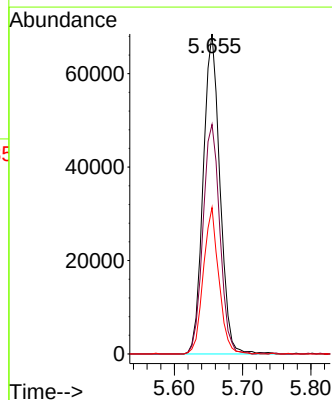
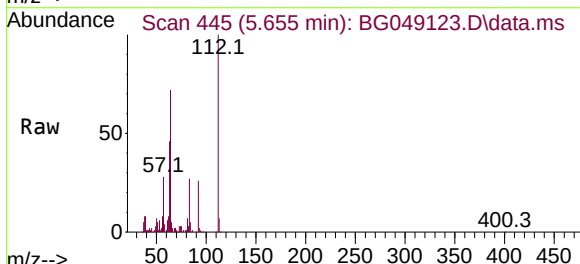
Instrument :
BNA_G
ClientSampleId :
ERM-7

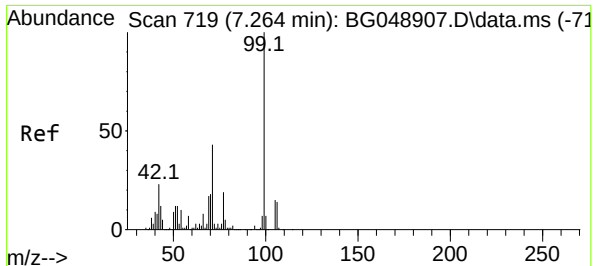
Tgt Ion:152 Resp: 26634
Ion Ratio Lower Upper
152 100
150 153.8 119.4 179.0
115 69.7 60.2 90.4



#5
2-Fluorophenol
Concen: 68.37 ng
RT: 5.655 min Scan# 445
Delta R.T. -0.000 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:112 Resp: 116981
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 45.8 35.3 52.9

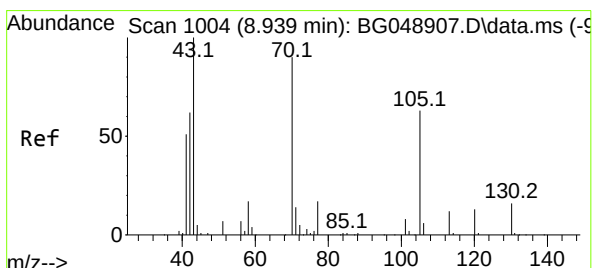
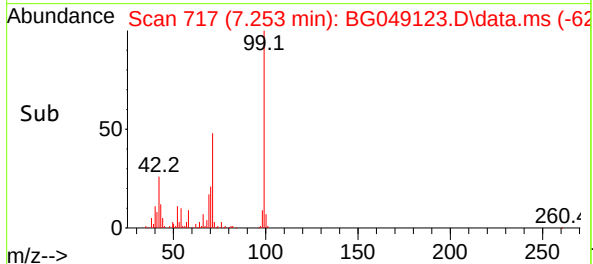
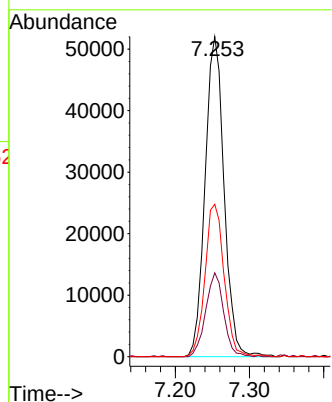
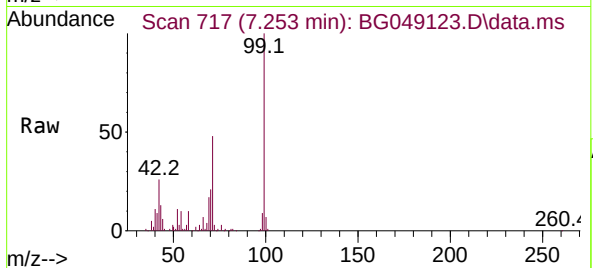




#7
Phenol-d6
Concen: 36.13 ng
RT: 7.253 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

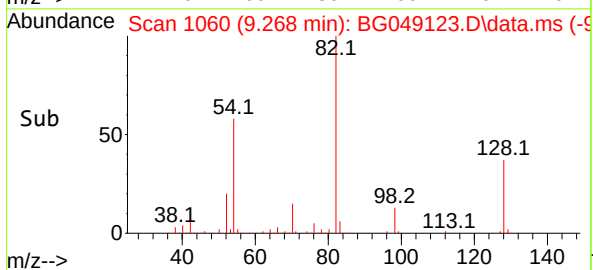
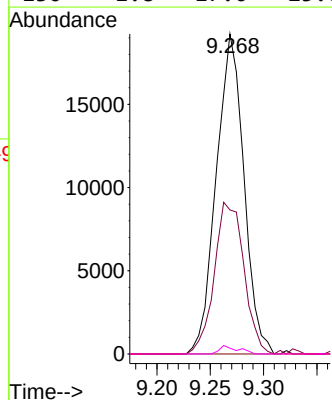
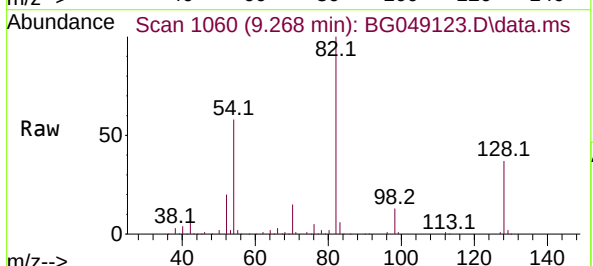
Instrument :
BNA_G
ClientSampleId :
ERM-7

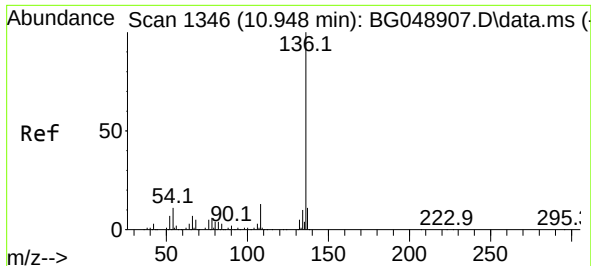
Tgt Ion:	99	Resp:	92650
Ion Ratio	Lower	Upper	
99	100		
42	26.2	20.5	30.7
71	47.6	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 9.268 min Scan# 1060
Delta R.T. 0.358 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:	70	Resp:	34587
Ion Ratio	Lower	Upper	
70	100		
42	45.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#

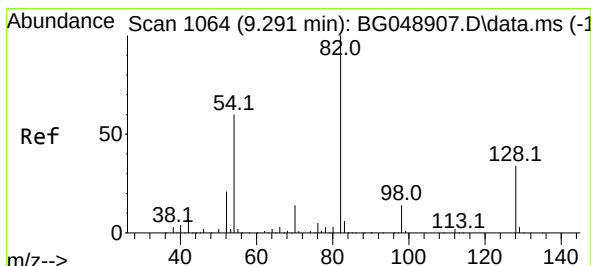
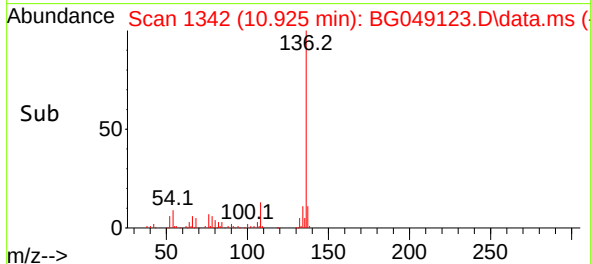
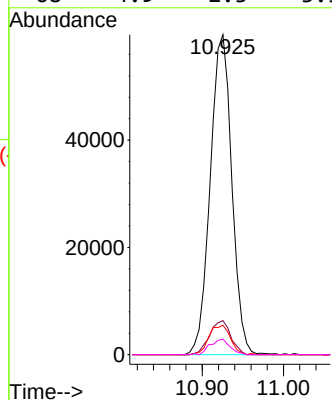
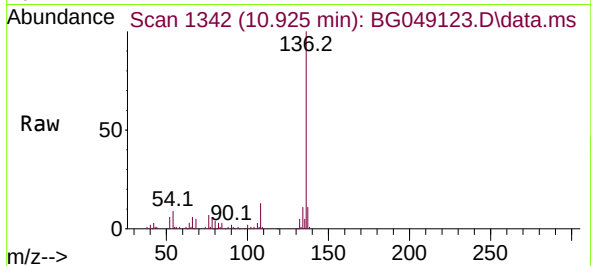




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

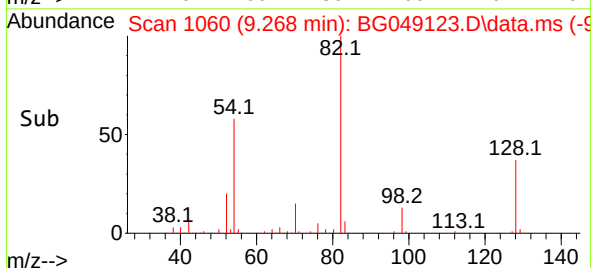
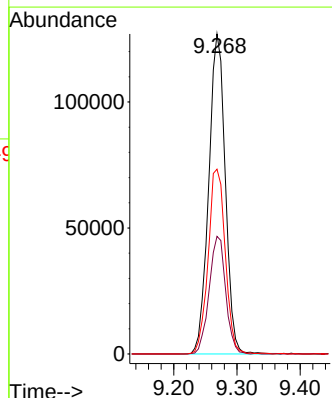
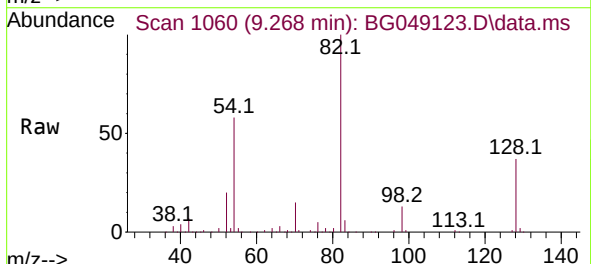
Instrument :
BNA_G
ClientSampleId :
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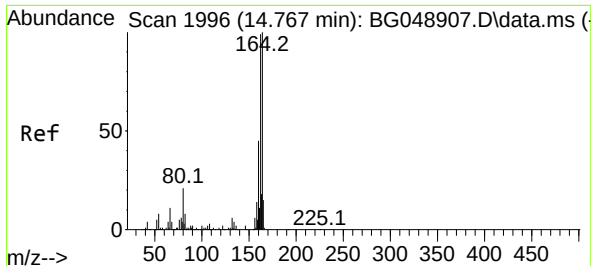
Tgt Ion:	136	Resp:	109999
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.2	5.5	8.3#
68	4.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 90.44 ng
RT: 9.268 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:	82	Resp:	230702
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	57.8	45.8	68.8

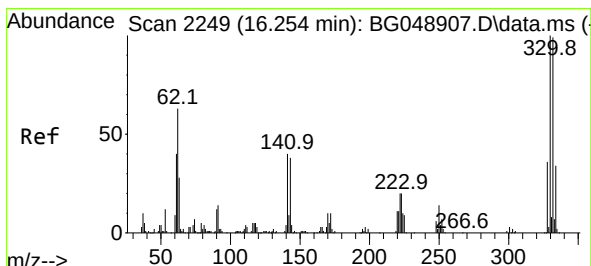
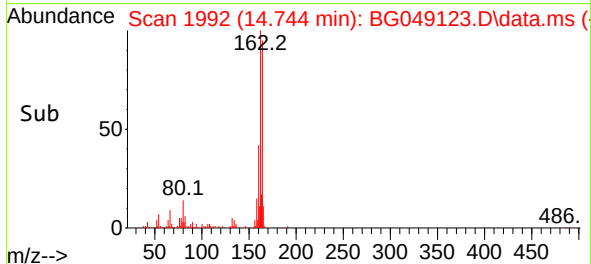
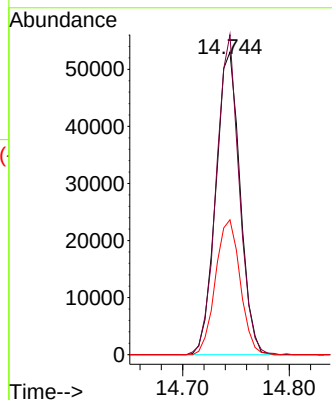
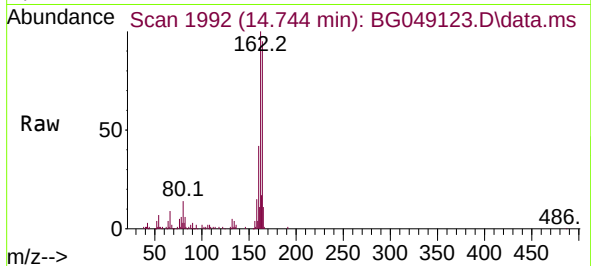




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

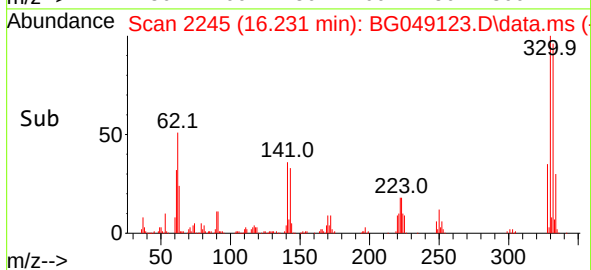
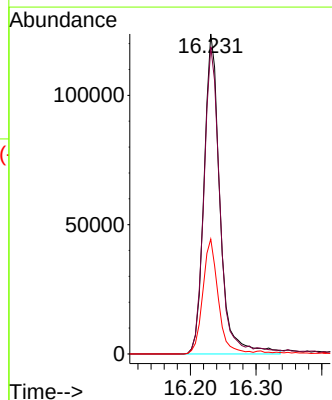
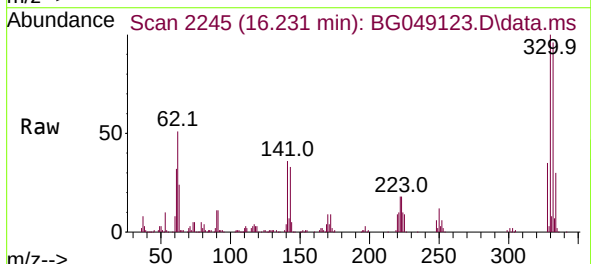
Instrument :
BNA_G
ClientSampleId :
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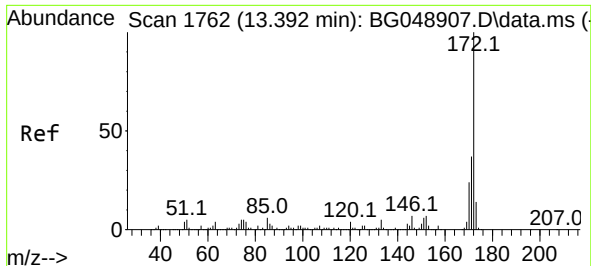
Tgt Ion:164 Resp: 83523
Ion Ratio Lower Upper
164 100
162 105.7 81.4 122.0
160 44.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 169.30 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:330 Resp: 209504
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 34.8 35.6 53.4#

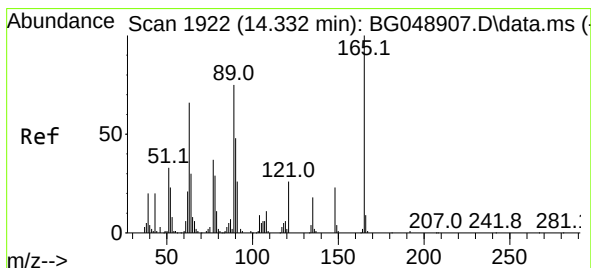
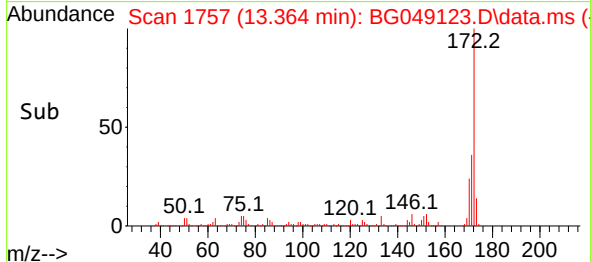
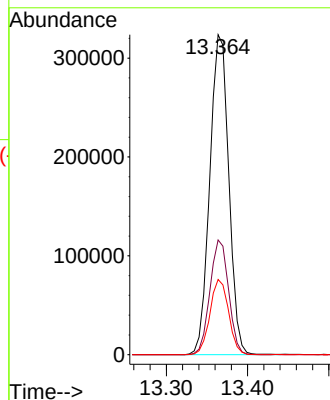
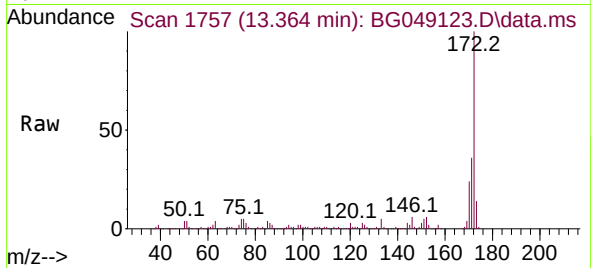




#45
2-Fluorobiphenyl
Concen: 88.77 ng
RT: 13.364 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

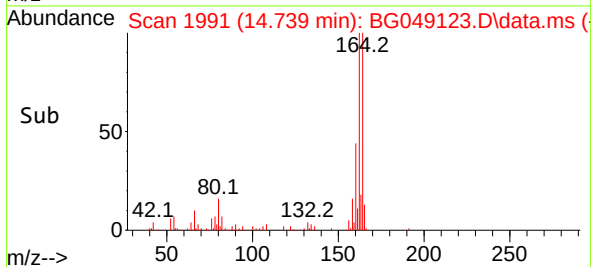
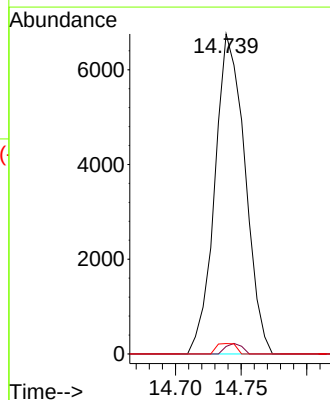
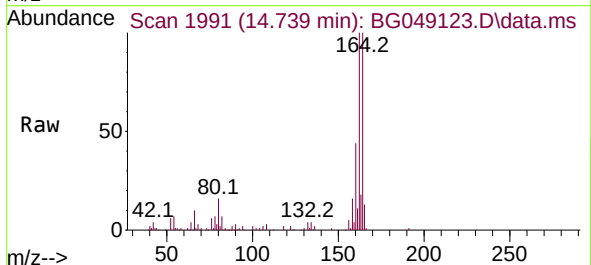
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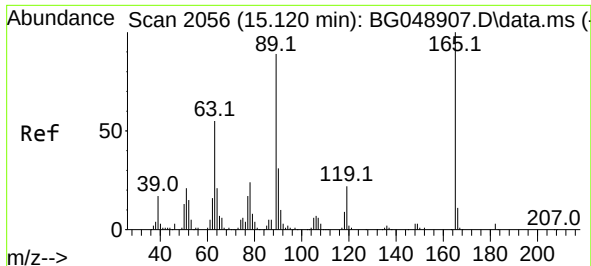
Tgt Ion:172 Resp: 524862
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 14.739 min Scan# 1991
Delta R.T. 0.423 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:165 Resp: 10782
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 3.3 63.4 95.0#

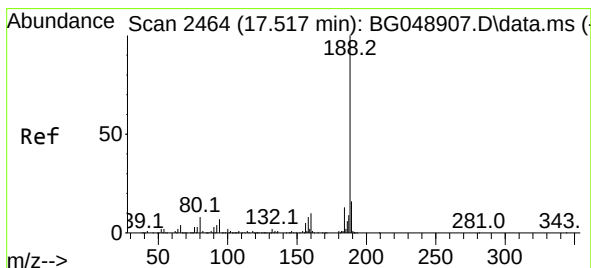
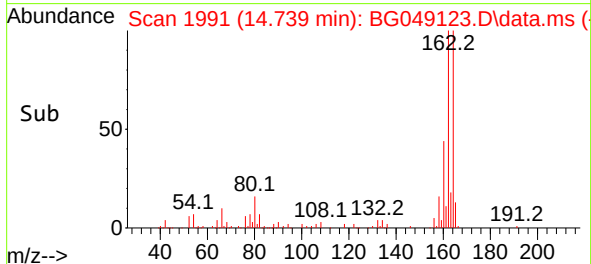
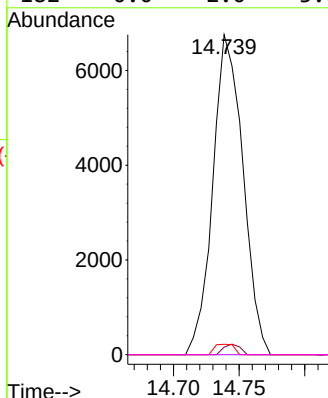
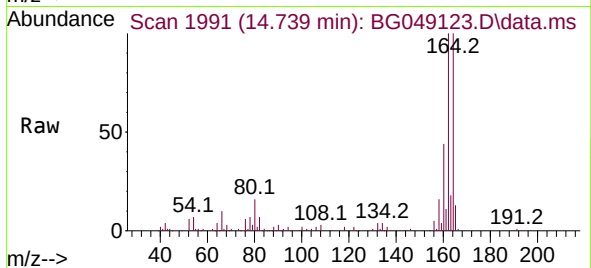




#57
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 14.739 min Scan# 1991
Delta R.T. -0.365 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

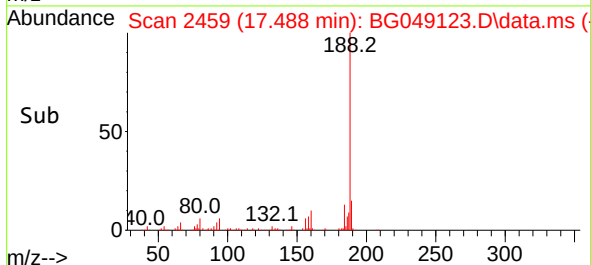
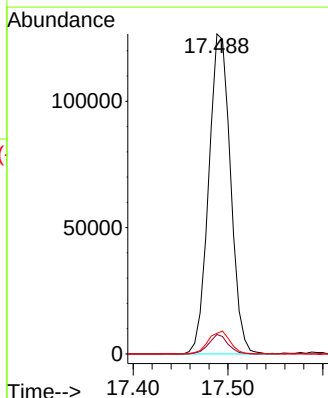
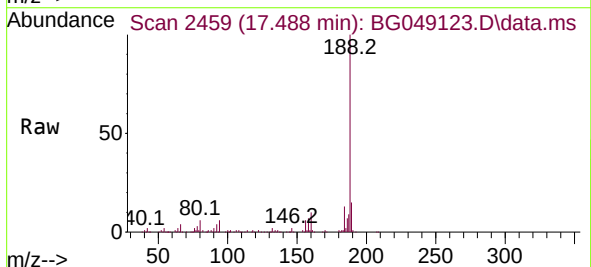
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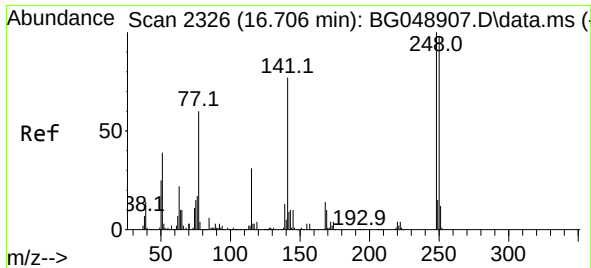
Tgt Ion:165	Resp:	10782
Ion Ratio	Lower	Upper
165	100	
63	2.3	48.0 72.0#
89	3.3	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2459
Delta R.T. -0.012 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:188	Resp:	202317
Ion Ratio	Lower	Upper
188	100	
94	6.1	5.4 8.0
80	6.4	3.7 5.5#

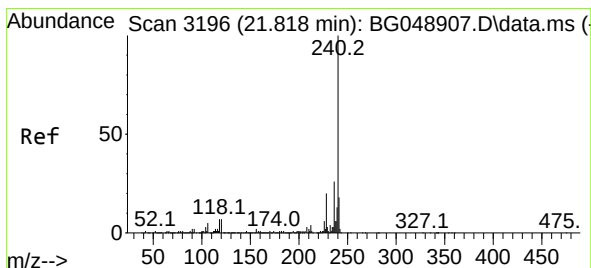
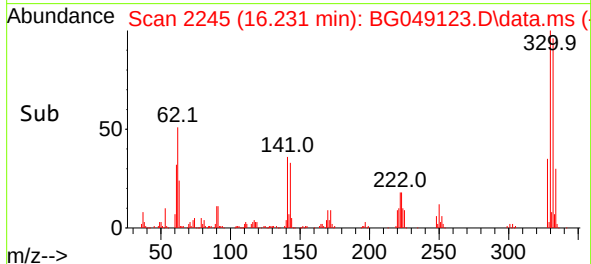
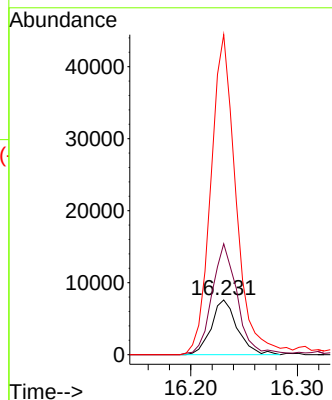
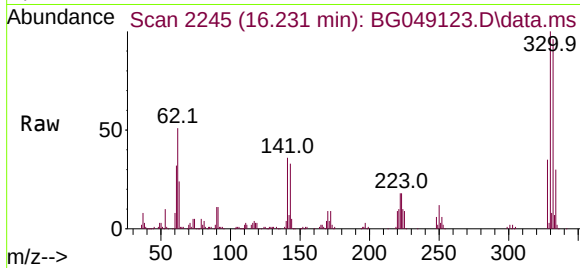




#67
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.453 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

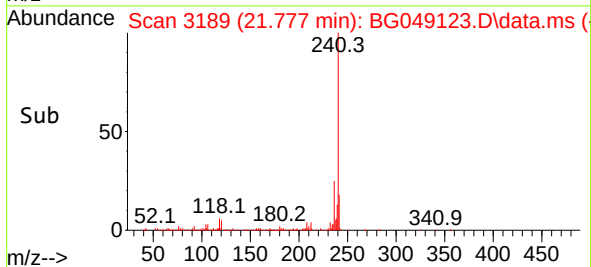
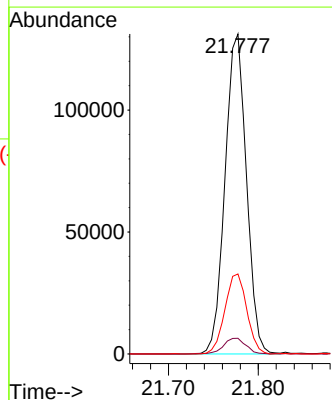
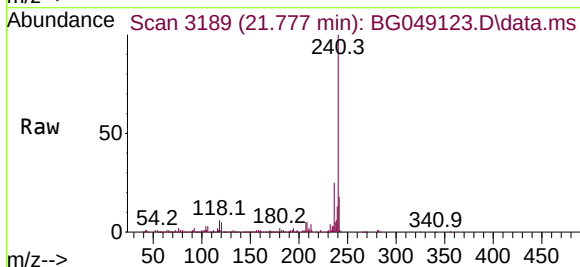
Instrument :
BNA_G
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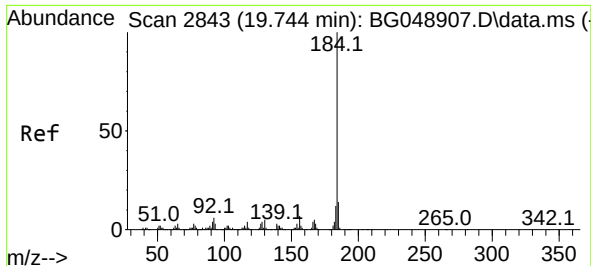
Tgt Ion:248 Resp: 12843
Ion Ratio Lower Upper
248 100
250 202.3 76.1 114.1#
141 584.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.777 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:240 Resp: 217072
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 25.0 21.8 32.6

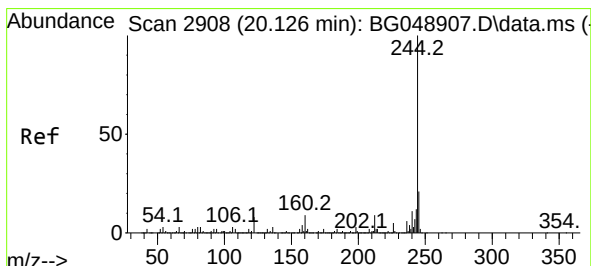
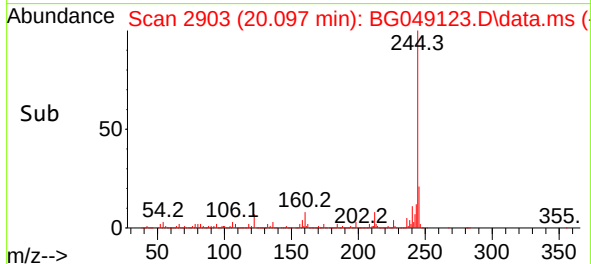
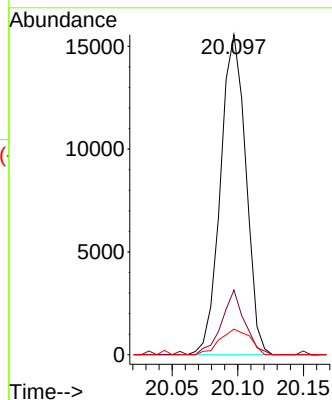
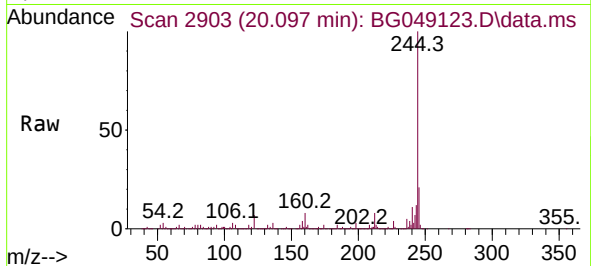




#77
Benzidine
Concen: 4.78 ng
RT: 20.097 min Scan# 2903
Delta R.T. 0.376 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

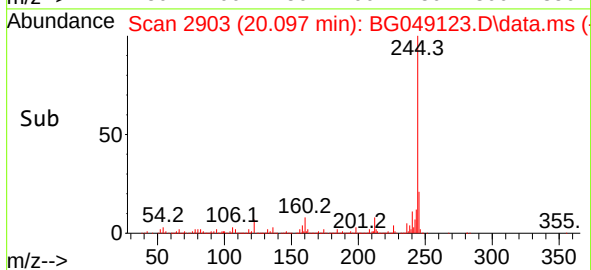
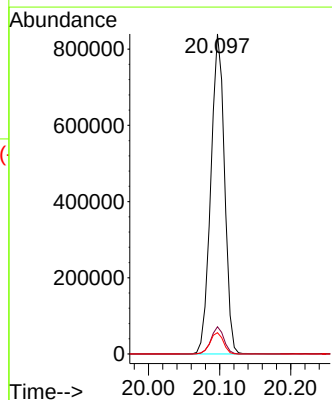
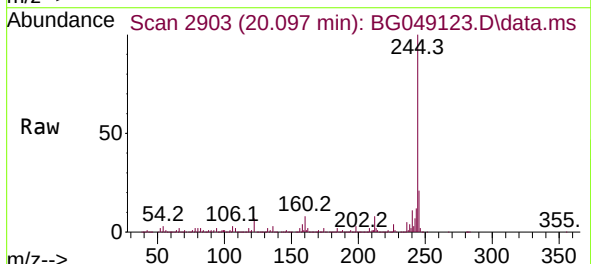
Instrument :
BNA_G
ClientSampleId :
ERM-7

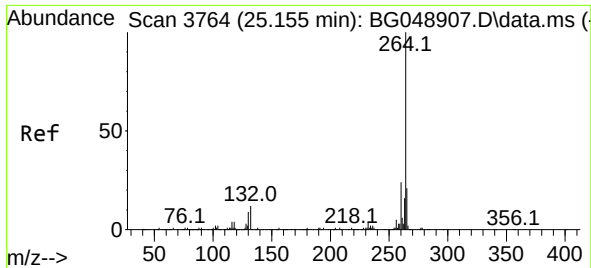
Tgt Ion:184 Resp: 20906
Ion Ratio Lower Upper
184 100
185 20.2 10.7 16.1#
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.88 ng
RT: 20.097 min Scan# 2903
Delta R.T. -0.006 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Tgt Ion:244 Resp: 1124592
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.7 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.091 min Scan# 3753
Delta R.T. -0.012 min
Lab File: BG049123.D
Acq: 28 Jun 2021 17:42

Instrument :
BNA_G
ClientSampleId :
ERM-7

Tgt Ion:264 Resp: 225612
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.9 16.9 25.3

