

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050562.D
 Acq On : 12 Oct 2021 21:15
 Operator : CG/JU
 Sample : M4169-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 13 04:43:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

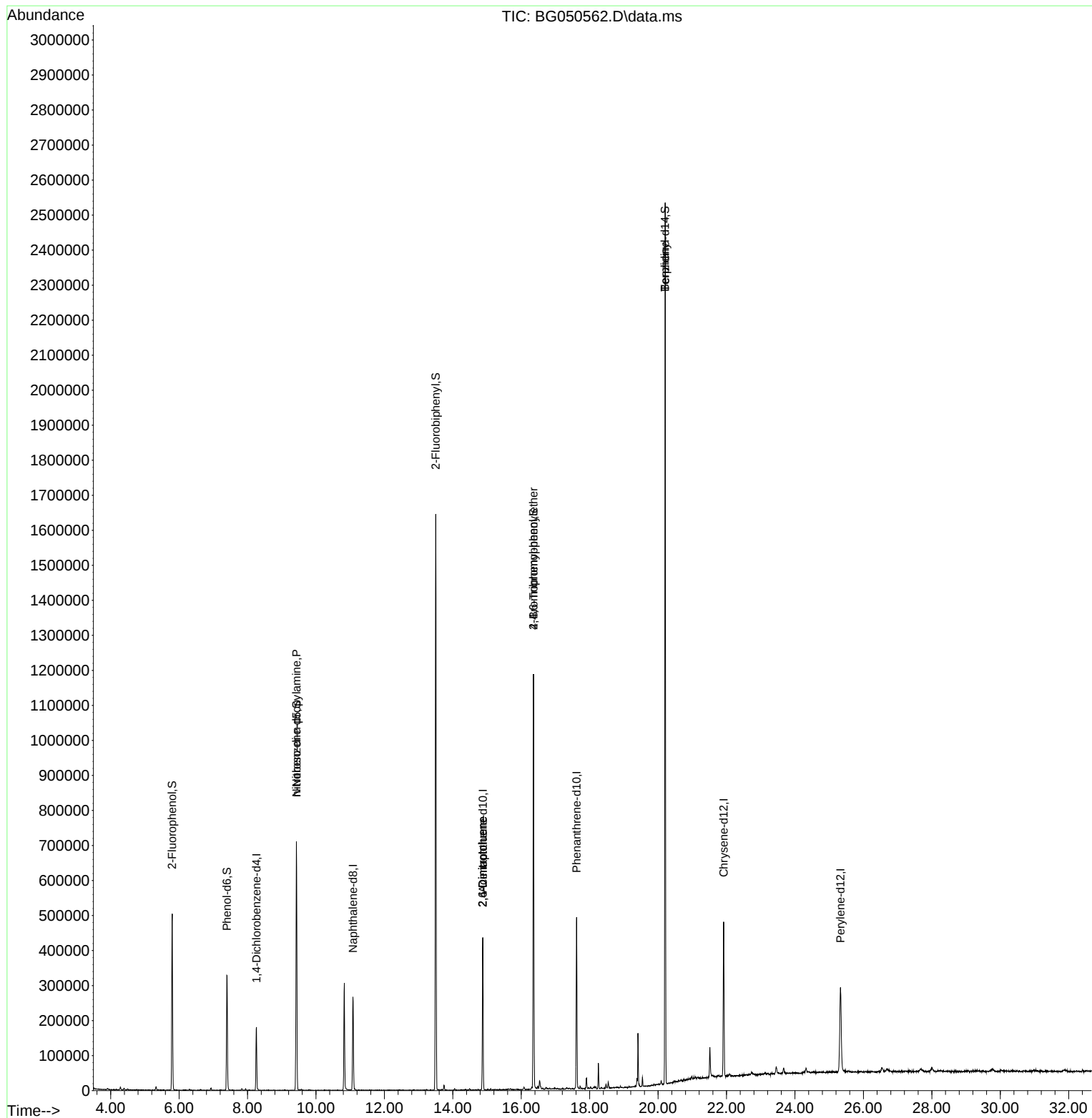
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	47310	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	214239	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	145116	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	301143	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	264402	20.000	ng	# 0.00
86) Perylene-d12	25.328	264	258313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	212909	67.304	ng	0.00
7) Phenol-d6	7.396	99	191426	41.795	ng	0.00
23) Nitrobenzene-d5	9.429	82	451582	87.256	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	166831	120.529	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	802805	83.261	ng	0.00
79) Terphenyl-d14	20.205	244	1107541	81.633	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.402	77	512	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	65135	19.512	ng	# 71
51) 2,6-Dinitrotoluene	14.870	165	19054	8.673	ng	# 12
57) 2,4-Dinitrotoluene	14.870	165	19054	6.153	ng	# 17
67) 4-Bromophenyl-phenylether	16.356	248	13696	4.513	ng	# 1
77) Benzidine	20.205	184	22585	2.635	ng	# 91

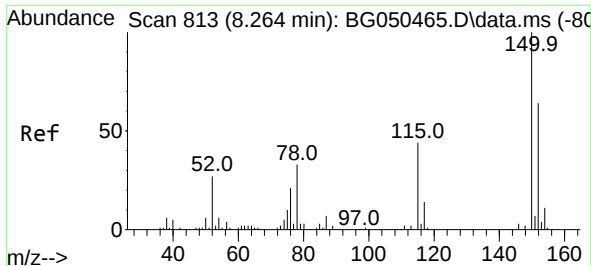
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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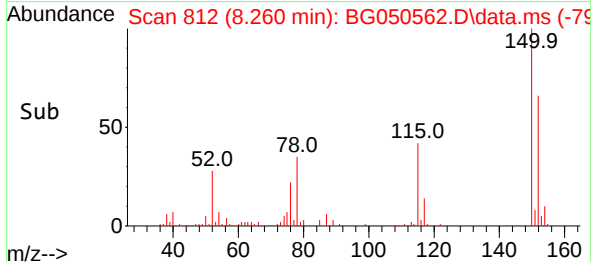
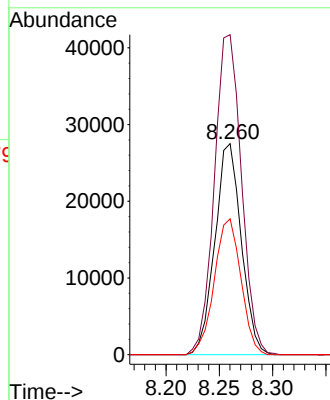
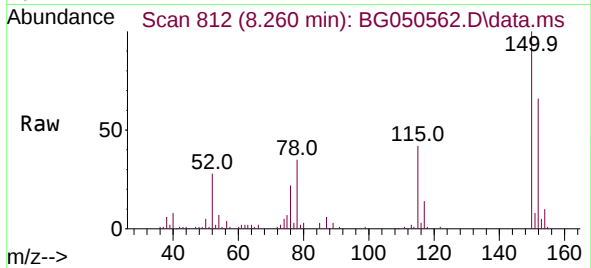




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

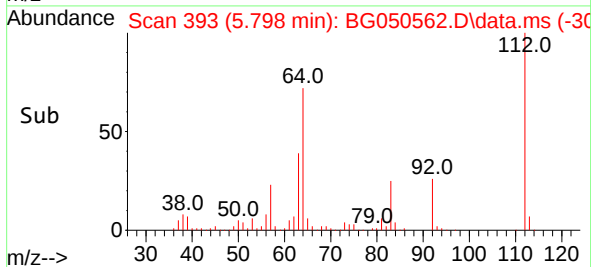
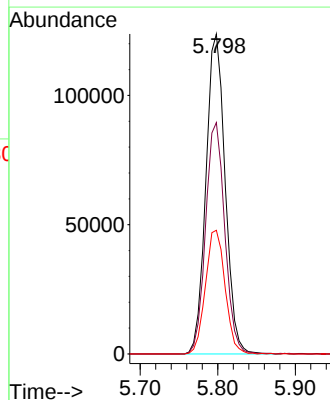
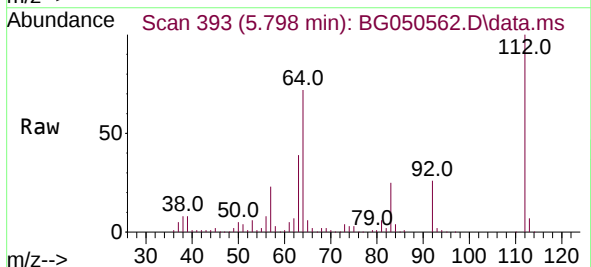
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

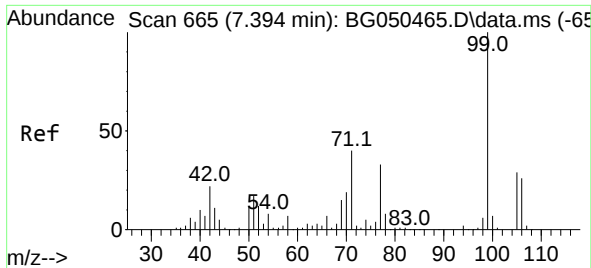
Tgt Ion:152 Resp: 47310
Ion Ratio Lower Upper
152 100
150 151.7 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 67.304 ng
RT: 5.798 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:112 Resp: 212909
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 38.6 35.3 52.9

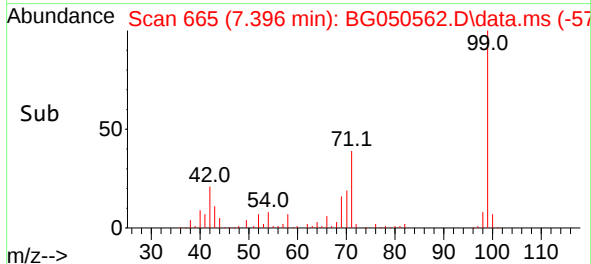
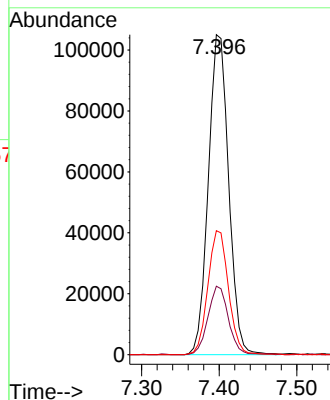
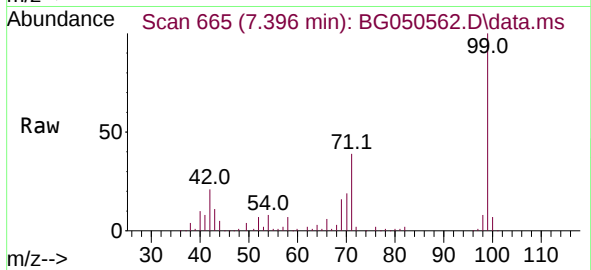




#7
Phenol-d6
Concen: 41.795 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

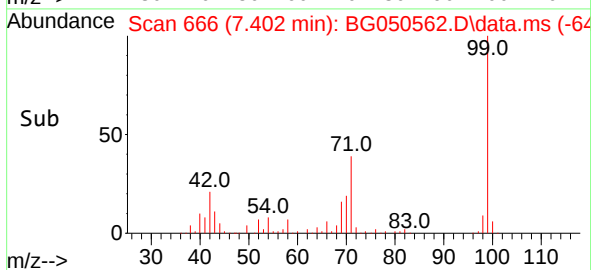
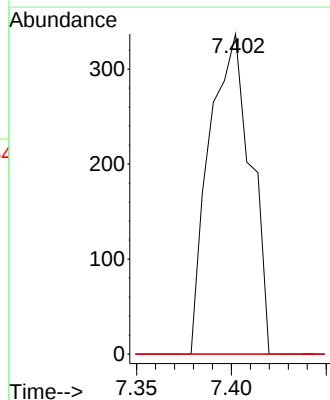
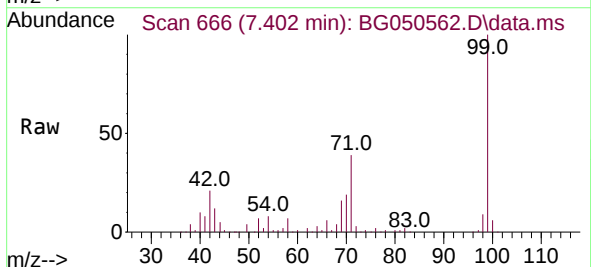
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

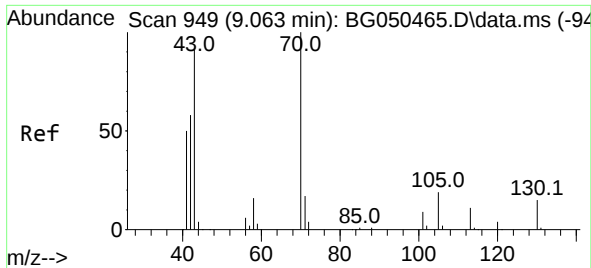
Tgt Ion: 99 Resp: 191426
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 38.8 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.402 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion: 77 Resp: 512
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

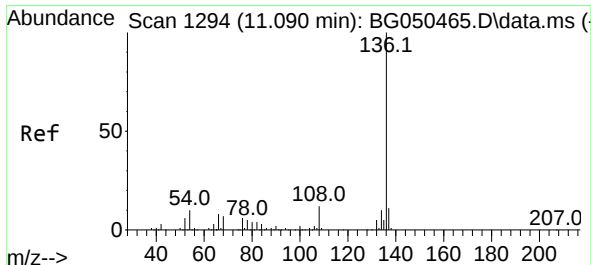
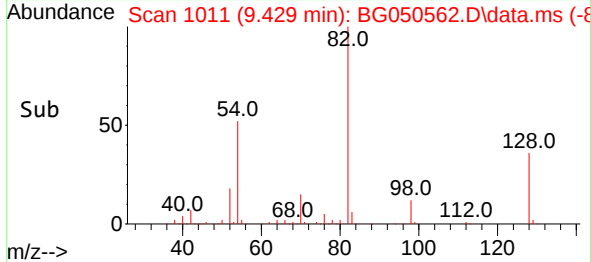
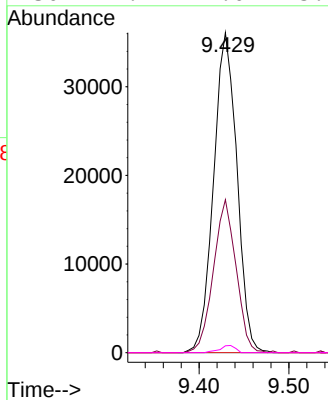
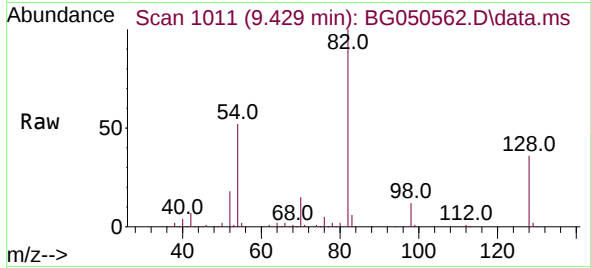




#19
n-Nitroso-di-n-propylamine
Concen: 19.512 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.367 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

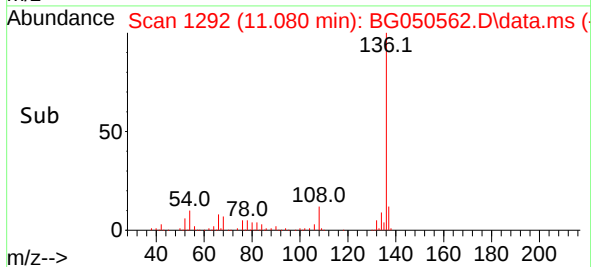
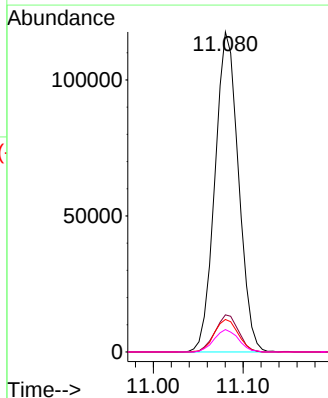
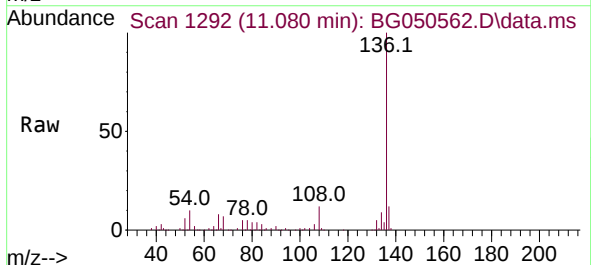
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:	70	Resp:	65135
Ion	Ratio	Lower	Upper
70	100		
42	47.8	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:	136	Resp:	214239
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	10.2	5.5	8.3#
68	7.0	2.3	3.5#

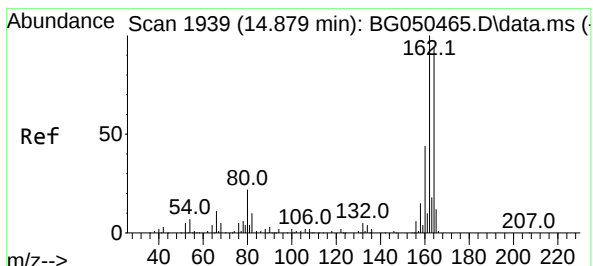
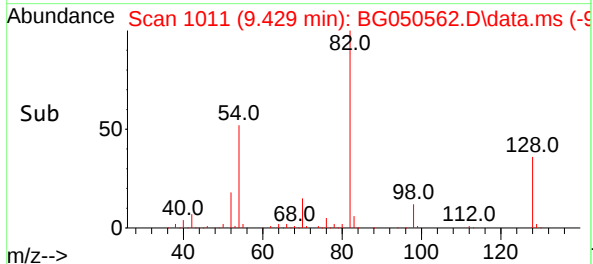
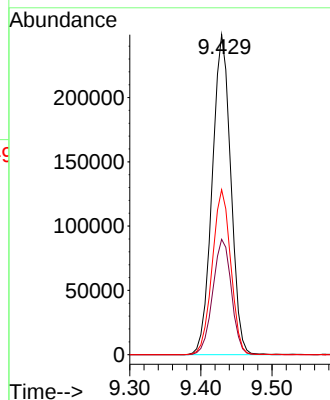
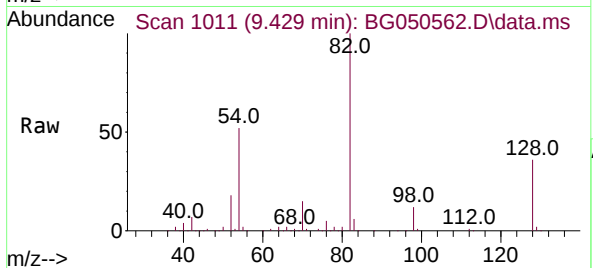




#23
Nitrobenzene-d5
Concen: 87.256 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

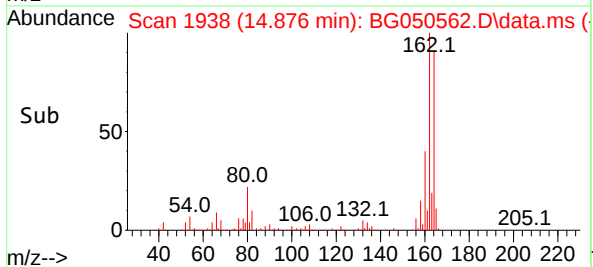
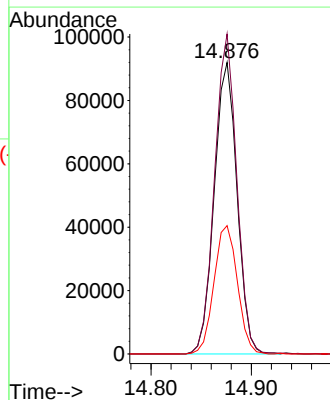
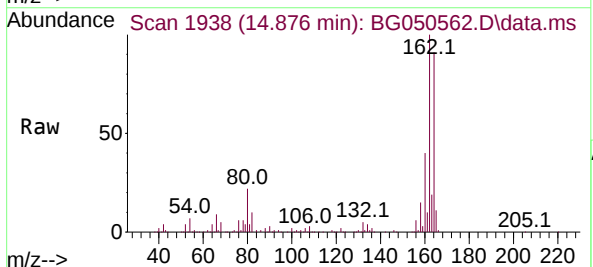
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion: 82 Resp: 451582
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 51.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

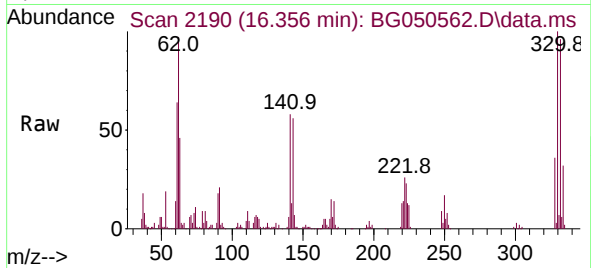
Tgt Ion:164 Resp: 145116
Ion Ratio Lower Upper
164 100
162 109.8 81.4 122.0
160 44.0 34.9 52.3



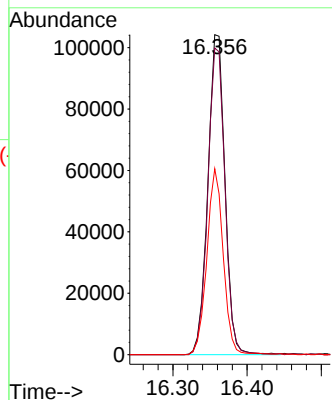
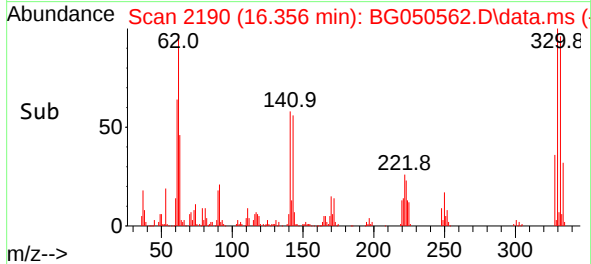


#42
2,4,6-Tribromophenol
Concen: 120.529 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

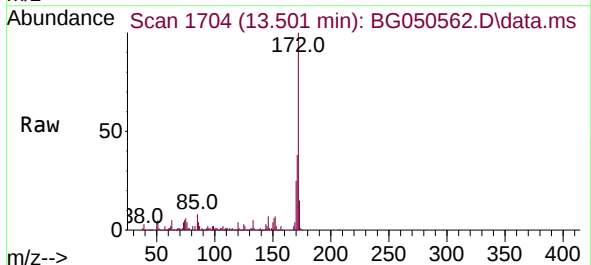
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)



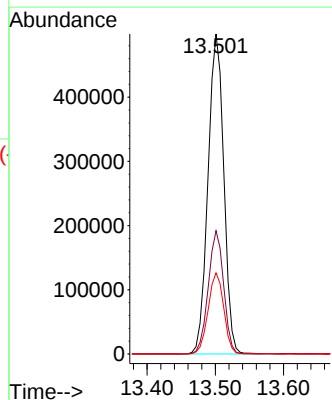
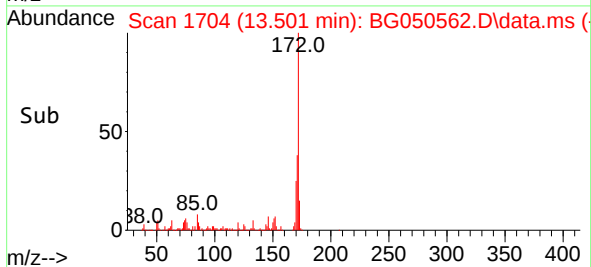
Tgt Ion:330 Resp: 166831
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 55.8 35.6 53.4#

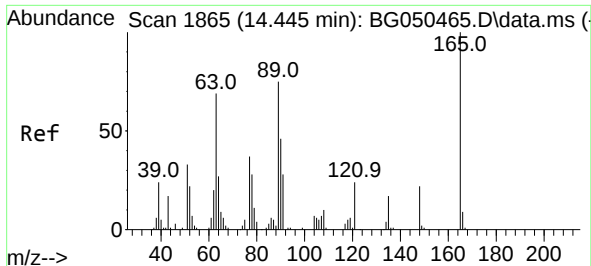


#45
2-Fluorobiphenyl
Concen: 83.261 ng
RT: 13.501 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15



Tgt Ion:172 Resp: 802805
Ion Ratio Lower Upper
172 100
171 38.5 28.6 43.0
170 25.4 18.6 27.8

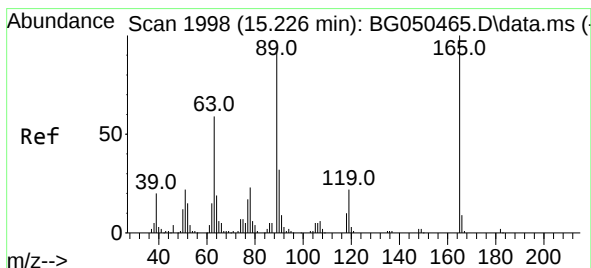
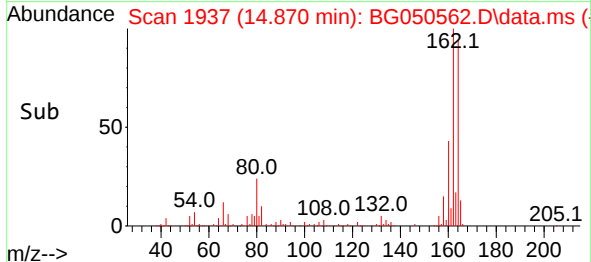
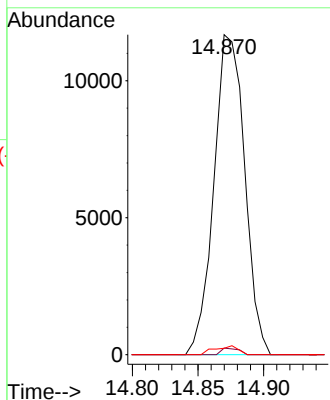
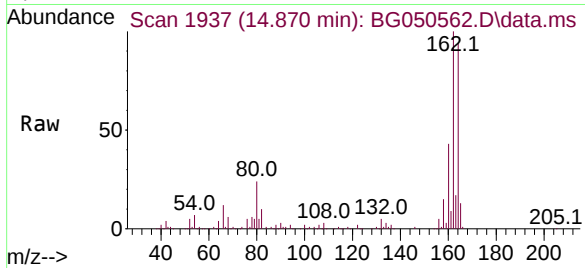




#51
2,6-Dinitrotoluene
Concen: 8.673 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

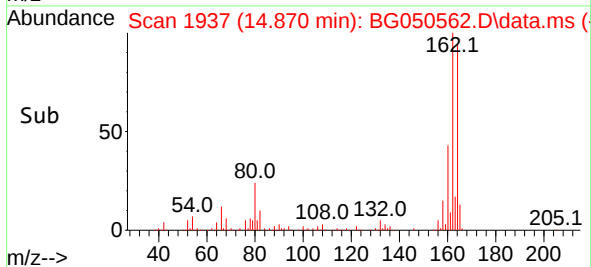
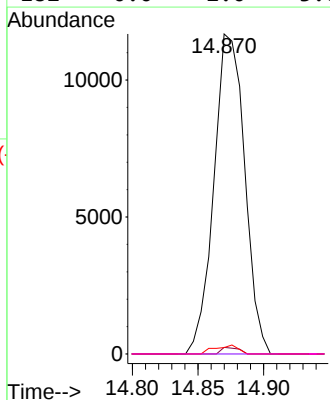
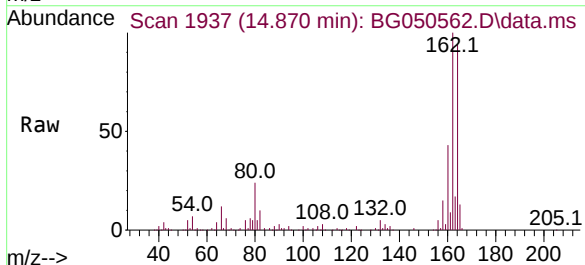
Instrument :
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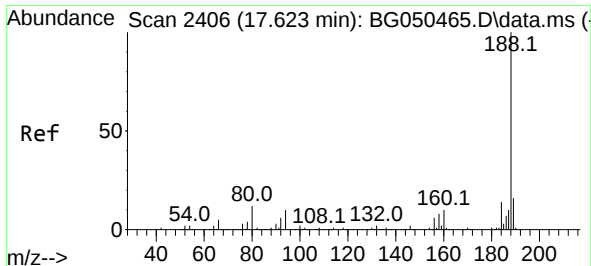
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	63.3	94.9#
89	2.0	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.153 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

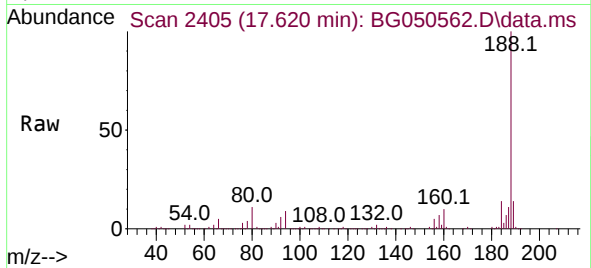
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	48.0	72.0#
89	2.0	65.4	98.0#
182	0.0	2.0	3.0#



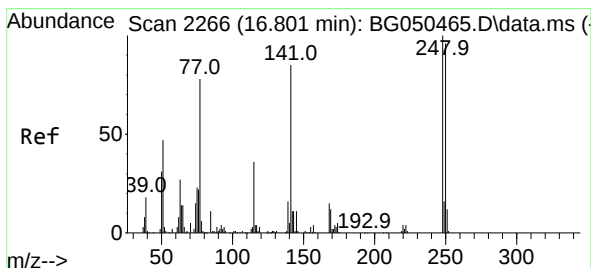
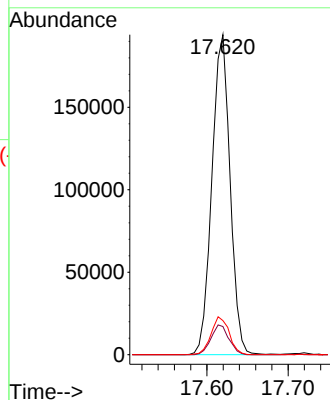
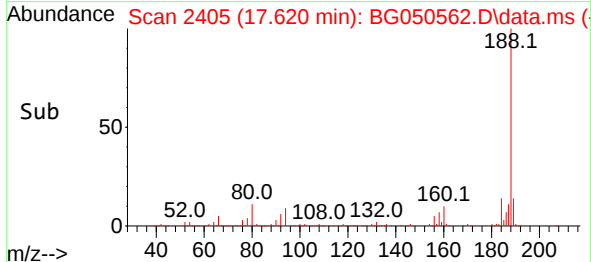


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

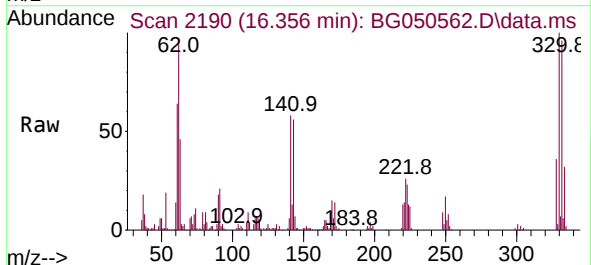
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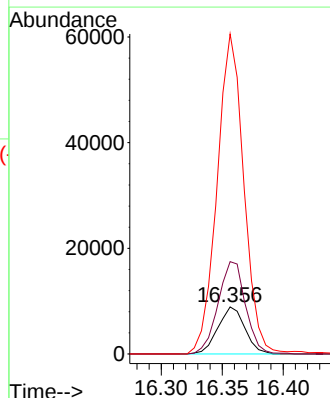
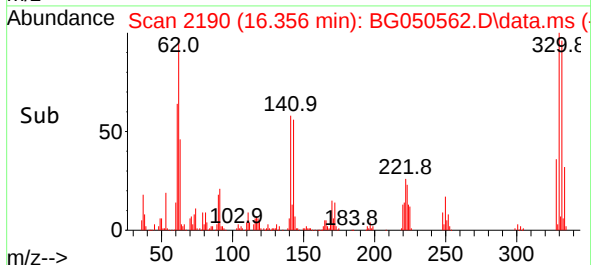
Tgt Ion:188 Resp: 301143
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.7 3.7 5.5#

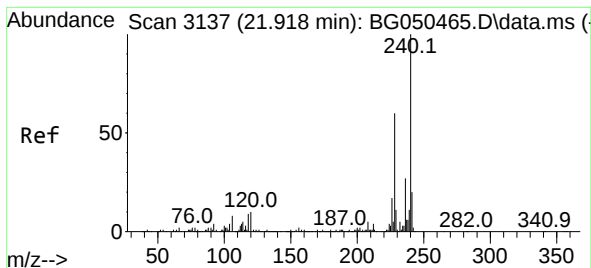


#67
4-Bromophenyl-phenylether
Concen: 4.513 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15



Tgt Ion:248 Resp: 13696
Ion Ratio Lower Upper
248 100
250 196.1 76.1 114.1#
141 679.3 65.4 98.2#

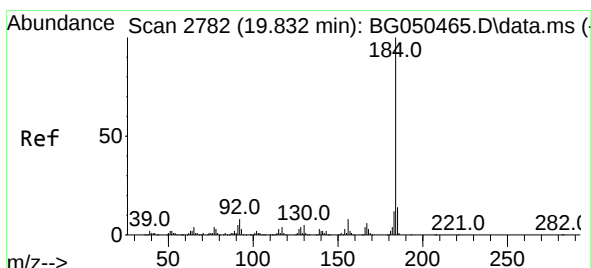
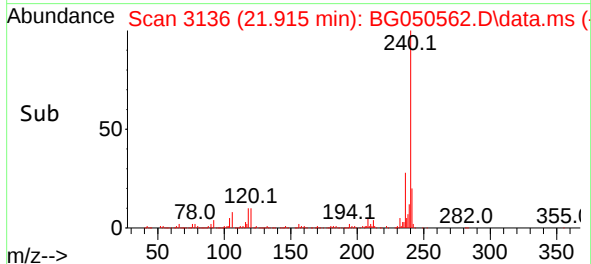
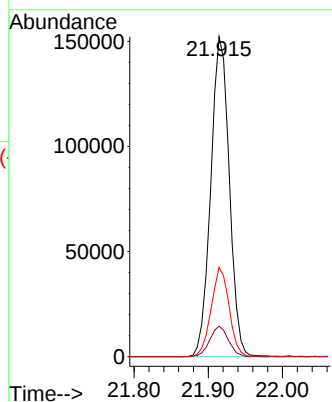
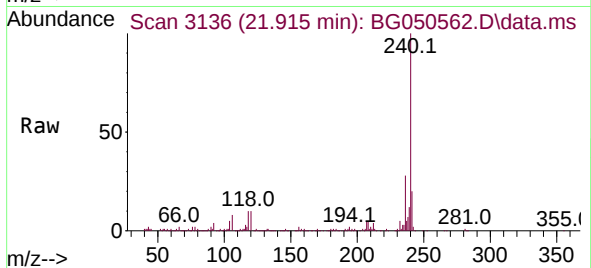




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

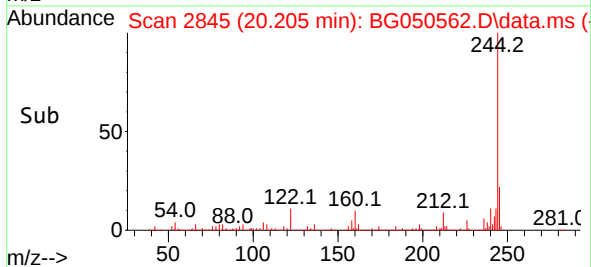
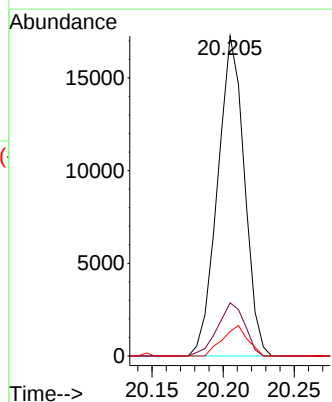
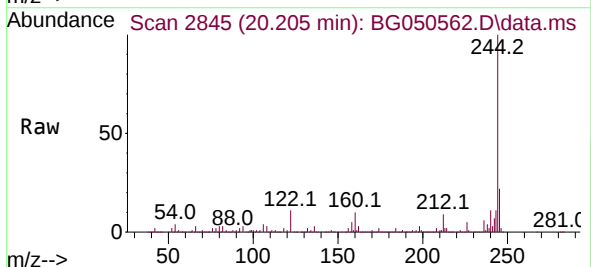
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

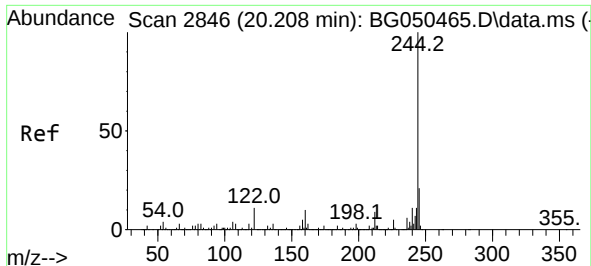
Tgt Ion:240 Resp: 264402
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 27.9 21.8 32.6



#77
Benzidine
Concen: 2.635 ng
RT: 20.205 min Scan# 2845
Delta R.T. 0.372 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:184 Resp: 22585
Ion Ratio Lower Upper
184 100
185 16.6 10.7 16.1#
183 7.7 9.4 14.0#

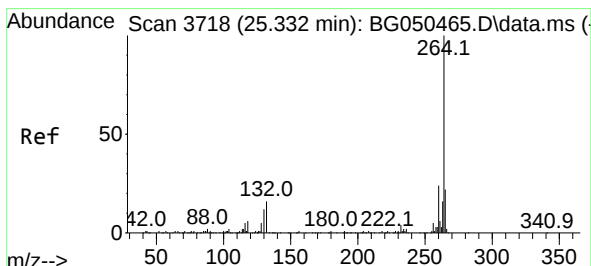
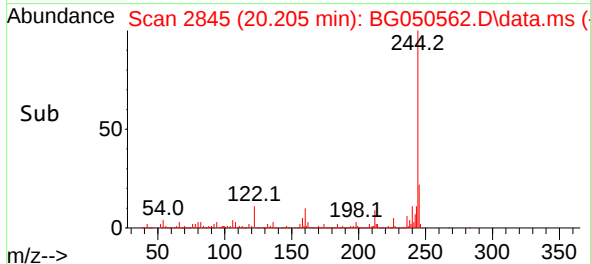
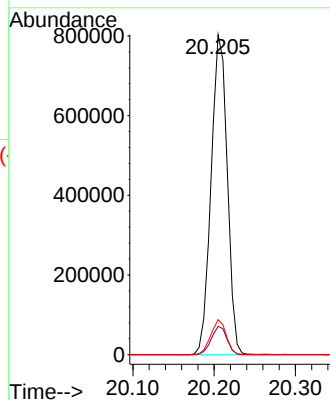
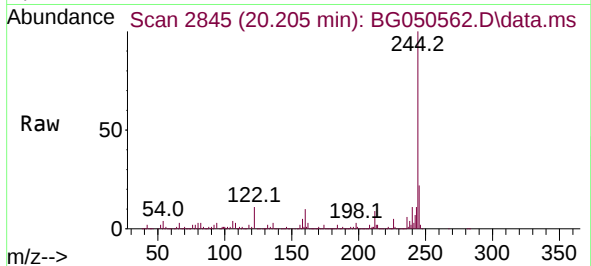




#79
Terphenyl-d14
Concen: 81.633 ng
RT: 20.205 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:244 Resp: 1107541
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.9 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.328 min Scan# 3717
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:264 Resp: 258313
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.4 16.9 25.3

