

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049948.D
 Acq On : 24 Aug 2021 11:48
 Operator : CG/JU
 Sample : PB138504BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138504BL

Quant Time: Aug 24 14:35:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

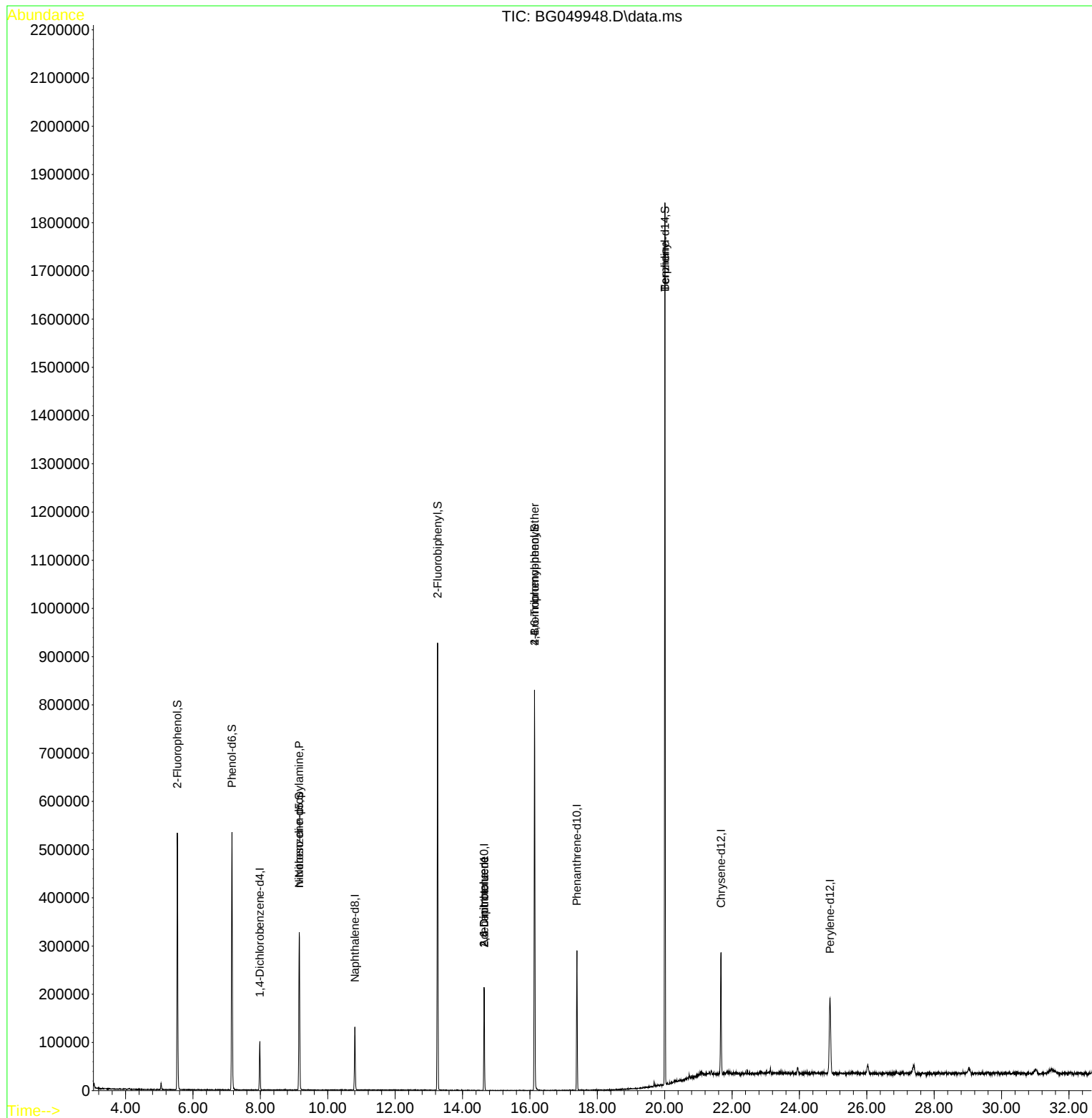
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	27258	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	107419	20.000	ng	# 0.00
39) Acenaphthene-d10	14.645	164	76476	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	178467	20.000	ng	# 0.00
76) Chrysene-d12	21.671	240	159297	20.000	ng	0.00
86) Perylene-d12	24.908	264	155766	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	221370	145.583	ng	0.00
7) Phenol-d6	7.156	99	298001	129.467	ng	0.00
23) Nitrobenzene-d5	9.153	82	208662	85.958	ng	0.00
42) 2,4,6-Tribromophenol	16.138	330	164805	146.611	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	471624	89.734	ng	0.00
79) Terphenyl-d14	20.009	244	853065	97.261	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.153	70	31464	20.427	ng	# 65
51) 2,6-Dinitrotoluene	14.645	165	10461	8.234	ng	# 12
57) 2,4-Dinitrotoluene	14.645	165	10461	5.863	ng	# 17
67) 4-Bromophenyl-phenylether	16.138	248	10430	4.962	ng	# 1
77) Benzidine	20.009	184	17123	4.195	ng	# 93

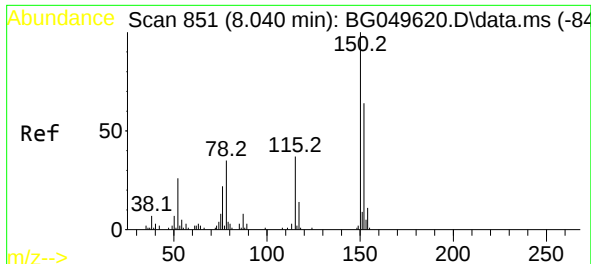
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

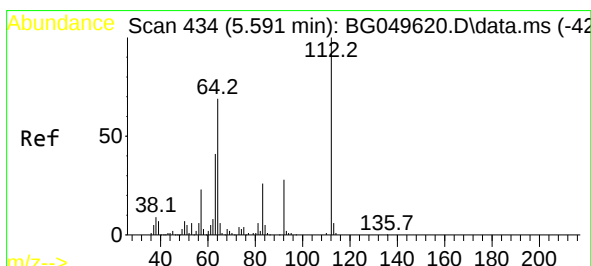
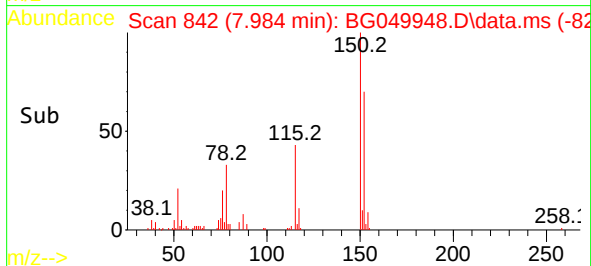
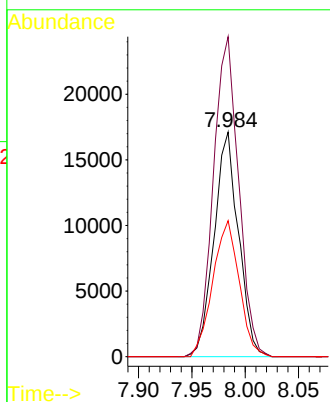
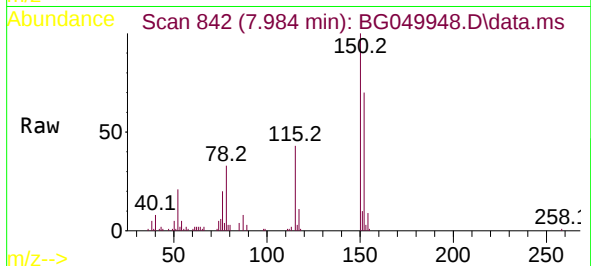




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 842
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

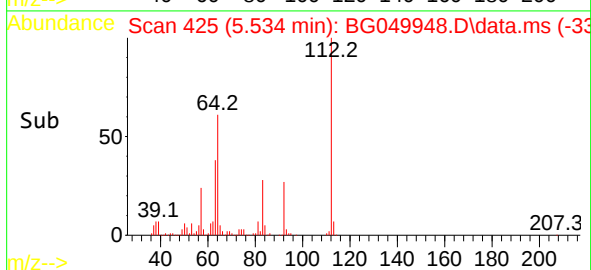
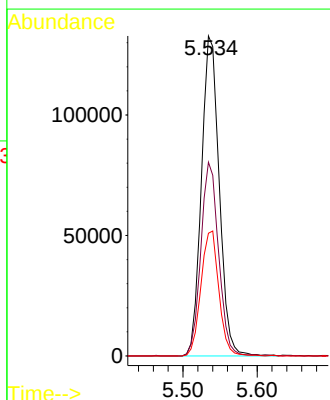
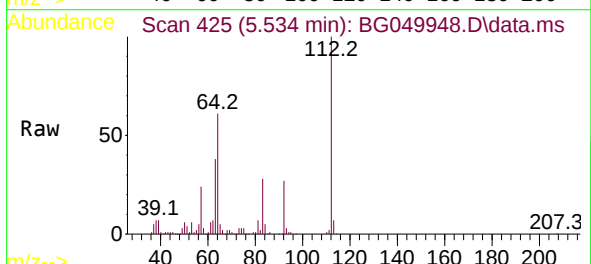
Instrument :
BNA_G
ClientSampleId :
PB138504BL

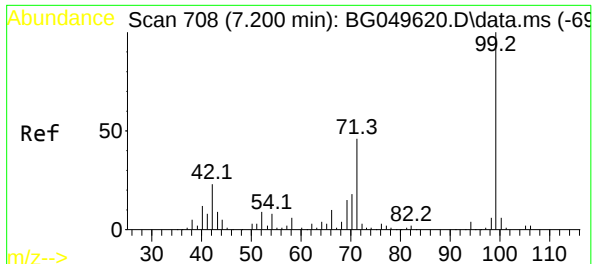
Tgt Ion:152 Resp: 27258
Ion Ratio Lower Upper
152 100
150 142.5 119.4 179.0
115 60.6 60.2 90.4



#5
2-Fluorophenol
Concen: 145.583 ng
RT: 5.534 min Scan# 425
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

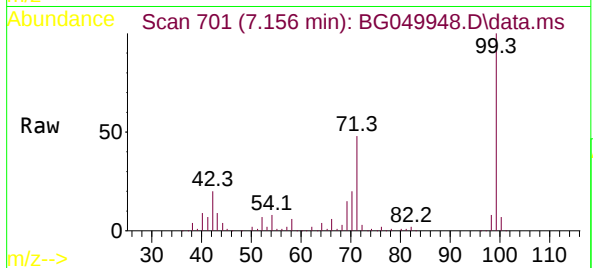
Tgt Ion:112 Resp: 221370
Ion Ratio Lower Upper
112 100
64 60.5 46.7 70.1
63 38.4 35.3 52.9



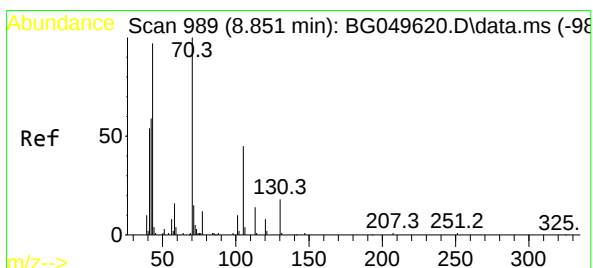
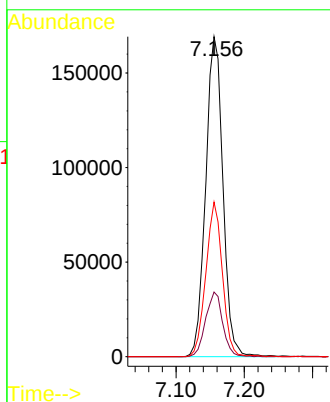
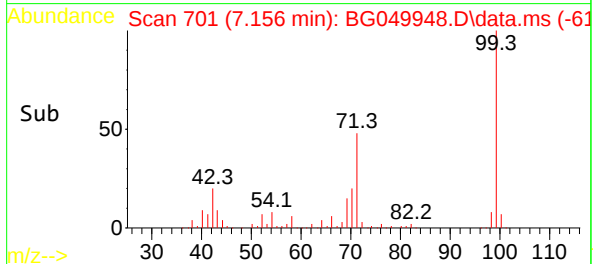


#7
Phenol-d6
Concen: 129.467 ng
RT: 7.156 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

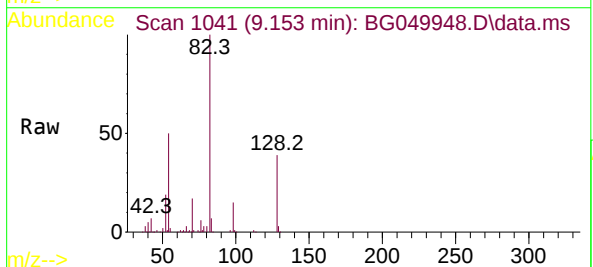
Instrument :
BNA_G
ClientSampleId :
PB138504BL



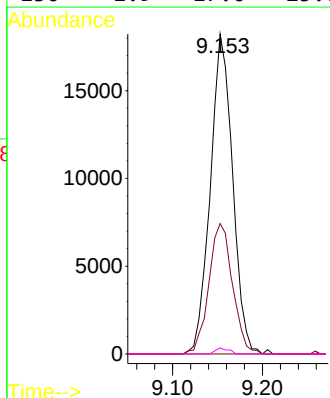
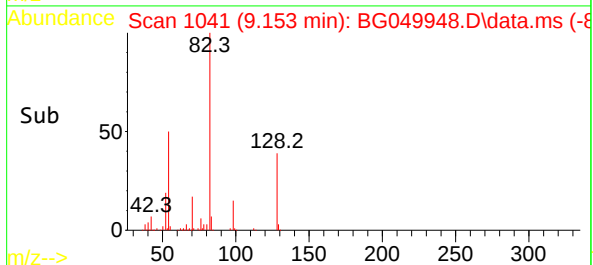
Tgt Ion: 99 Resp: 298001
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 48.3 41.5 62.3

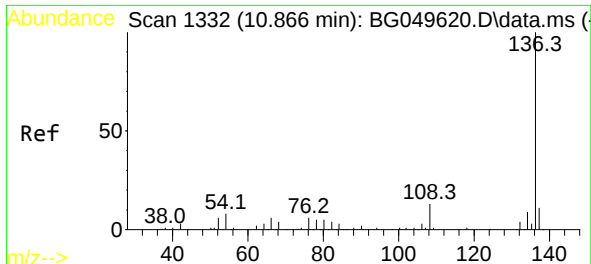


#19
n-Nitroso-di-n-propylamine
Concen: 20.427 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.356 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48



Tgt Ion: 70 Resp: 31464
Ion Ratio Lower Upper
70 100
42 40.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



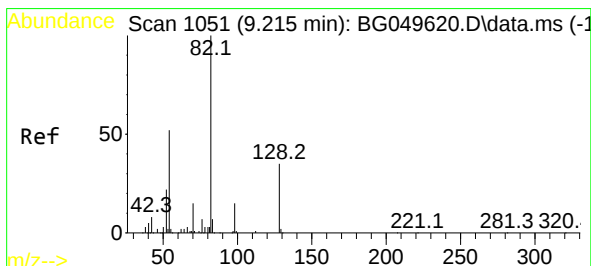
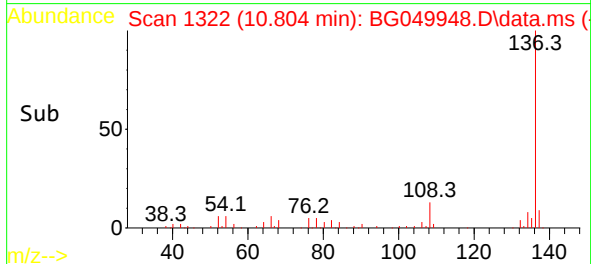
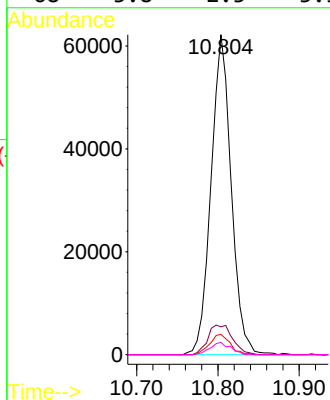
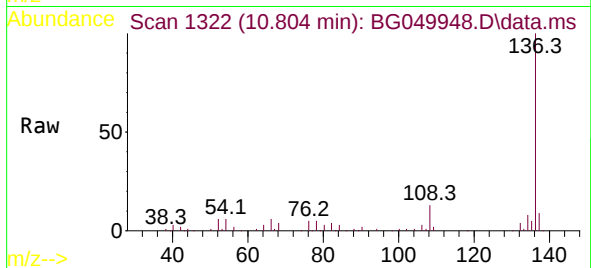


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

Instrument :
BNA_G
ClientSampleId :
PB138504BL

Tgt Ion:136 Resp: 107419

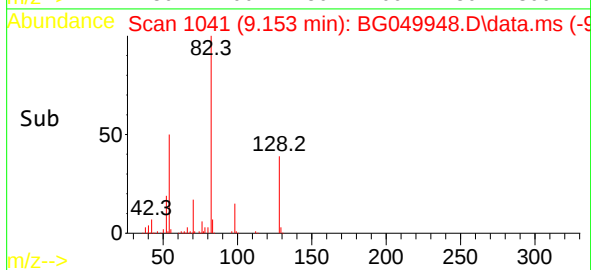
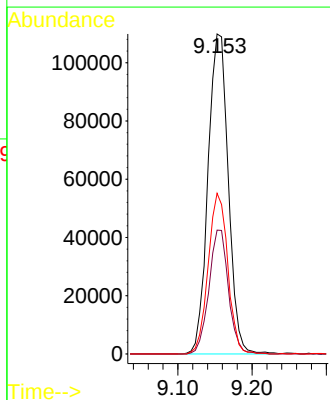
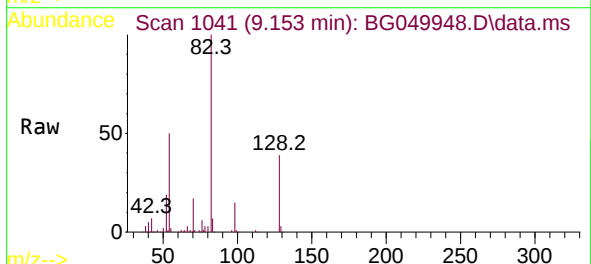
Ion	Ratio	Lower	Upper
136	100		
137	8.7	8.2	12.2
54	6.3	5.5	8.3
68	3.8	2.3	3.5

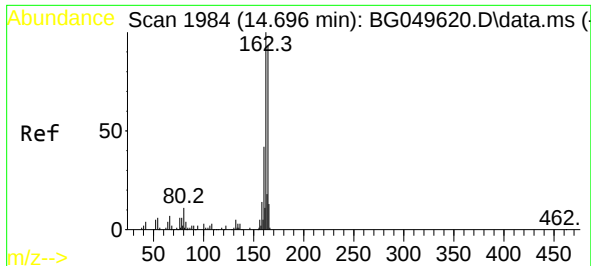


#23
Nitrobenzene-d5
Concen: 85.958 ng
RT: 9.153 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

Tgt Ion: 82 Resp: 208662

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.8	44.6
54	50.2	45.8	68.8

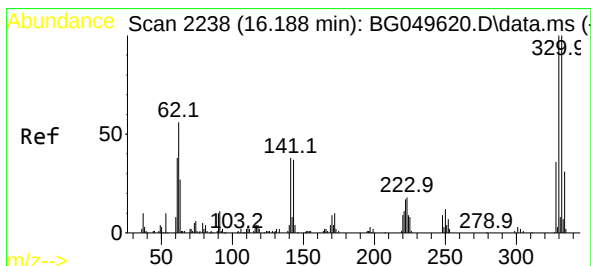
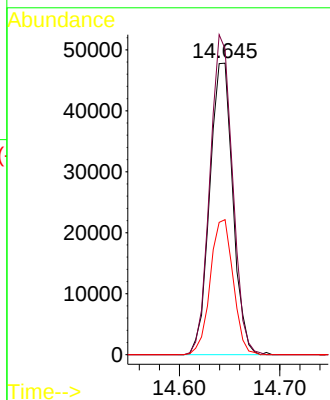
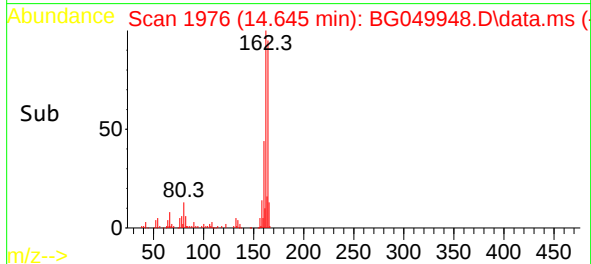
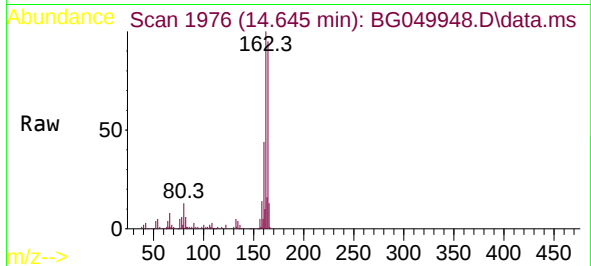




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

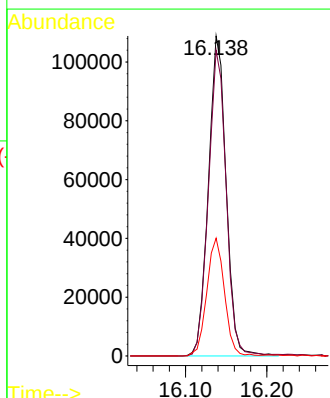
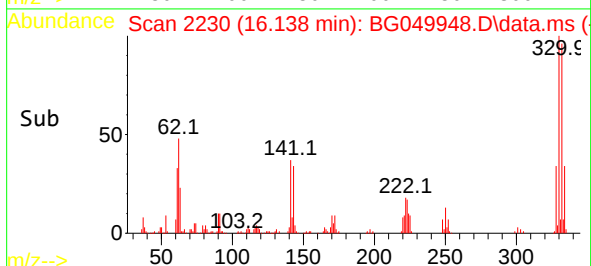
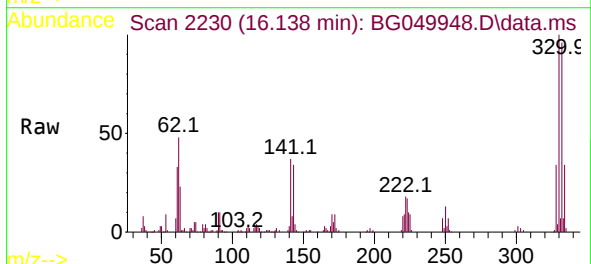
Instrument :
BNA_G
ClientSampleId :
PB138504BL

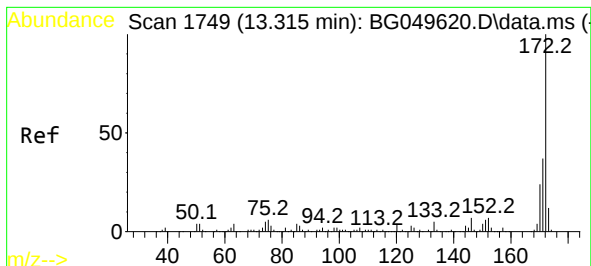
Tgt Ion:164 Resp: 76476
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 46.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 146.611 ng
RT: 16.138 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

Tgt Ion:330 Resp: 164805
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 36.6 35.6 53.4

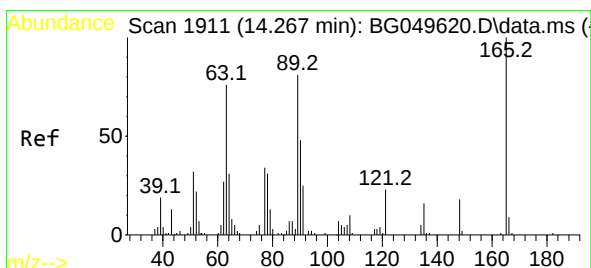
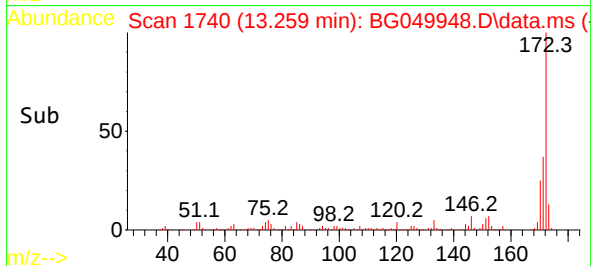
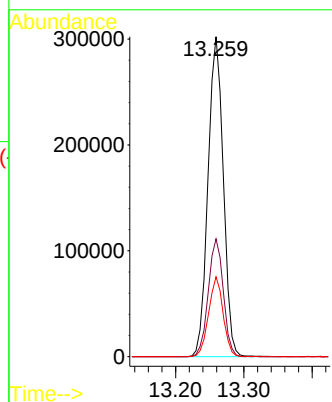
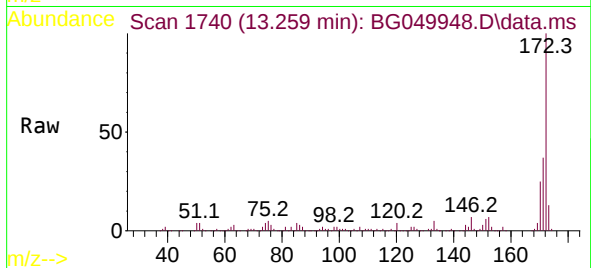




#45
2-Fluorobiphenyl
Concen: 89.734 ng
RT: 13.259 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

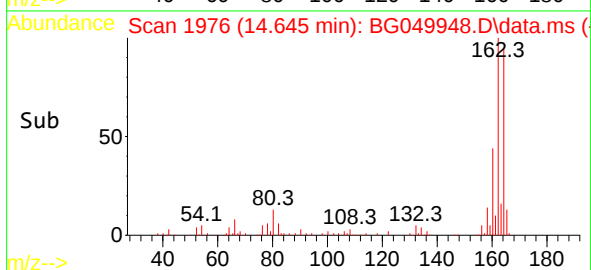
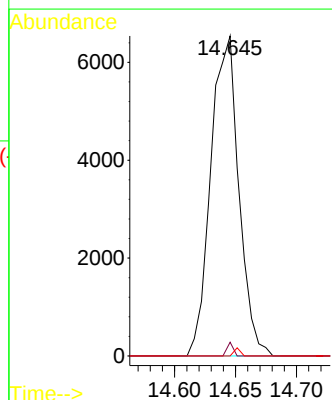
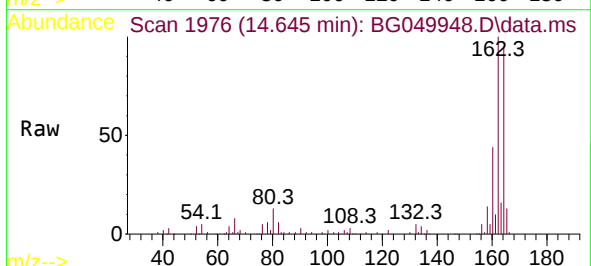
Instrument :
BNA_G
ClientSampleId :
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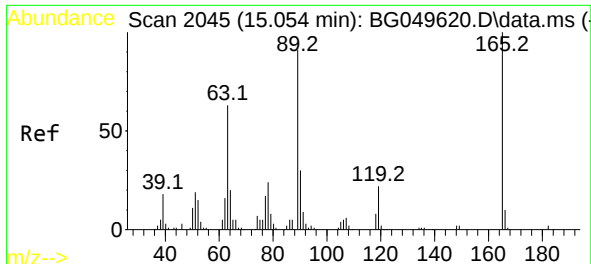
Tgt Ion:172 Resp: 471624
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 25.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.234 ng
RT: 14.645 min Scan# 1976
Delta R.T. 0.421 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

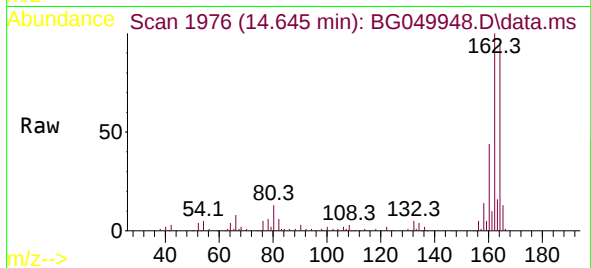
Tgt Ion:165 Resp: 10461
Ion Ratio Lower Upper
165 100
63 4.3 63.3 94.9#
89 0.0 63.4 95.0#



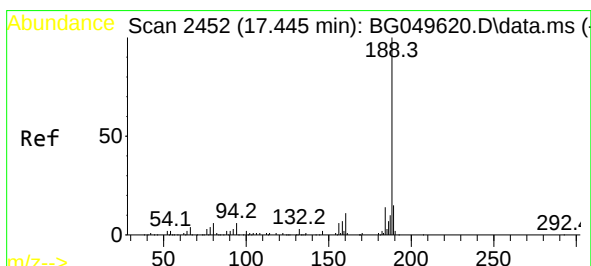
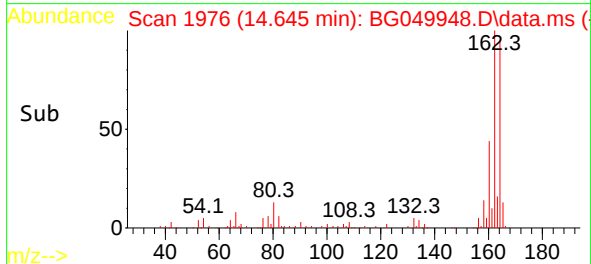
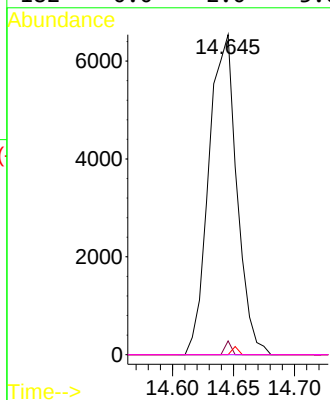


#57
2,4-Dinitrotoluene
Concen: 5.863 ng
RT: 14.645 min Scan# 1976
Delta R.T. -0.372 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

Instrument :
BNA_G
ClientSampleId :
PB138504BL

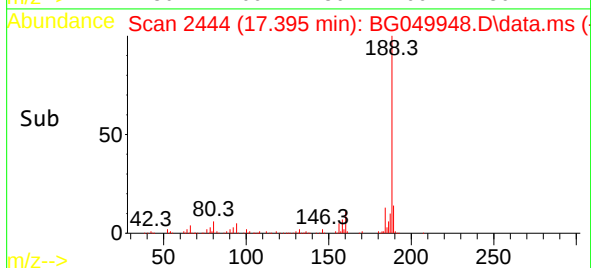
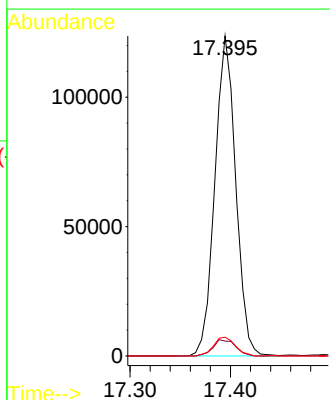
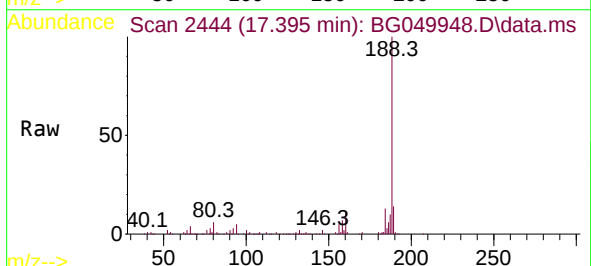


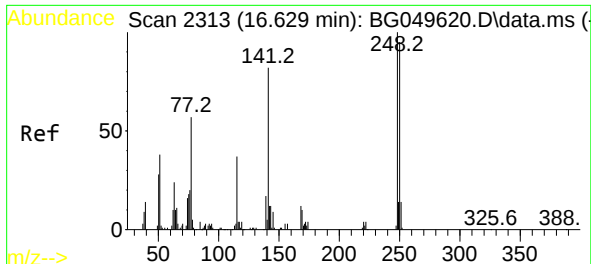
Tgt Ion:165 Resp: 10461
Ion Ratio Lower Upper
165 100
63 4.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.395 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

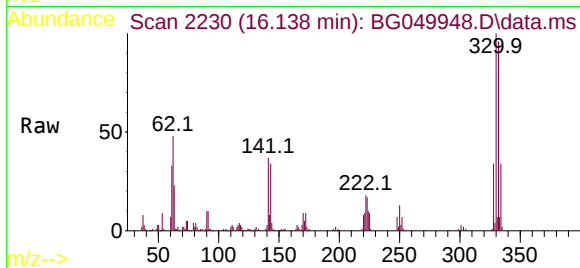
Tgt Ion:188 Resp: 178467
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.8 3.7 5.5#



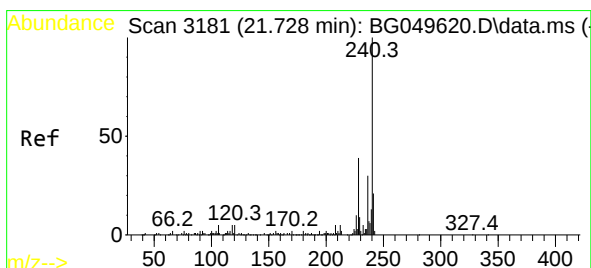
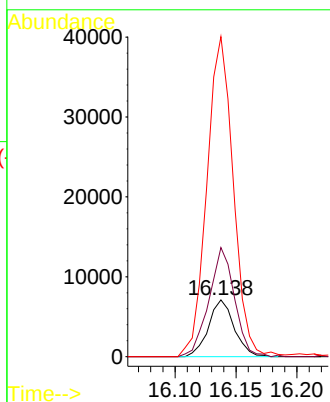
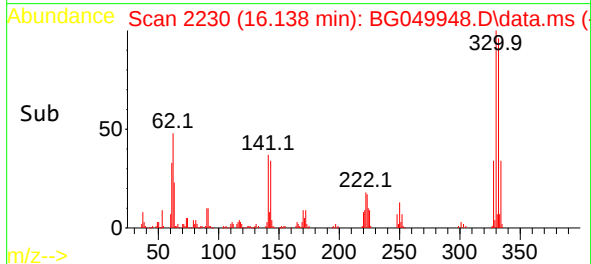


#67
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 16.138 min Scan# 2230
Delta R.T. -0.443 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

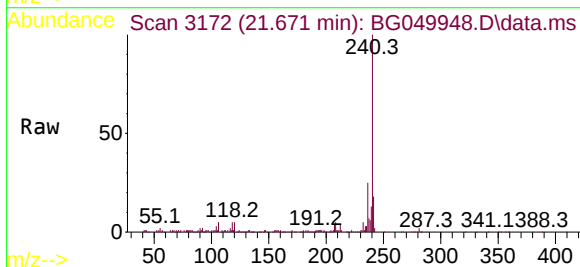
Instrument :
BNA_G
ClientSampleId :
PB138504BL



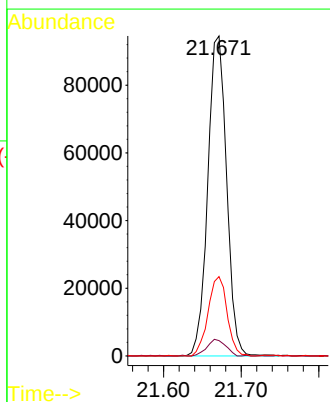
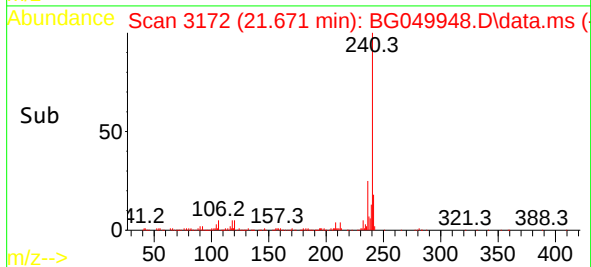
Tgt Ion:248 Resp: 10430
Ion Ratio Lower Upper
248 100
250 191.8 76.1 114.1#
141 562.7 65.4 98.2#

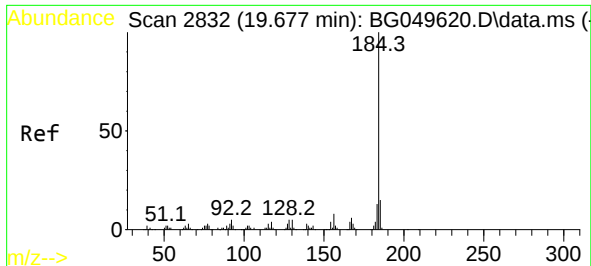


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48



Tgt Ion:240 Resp: 159297
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 24.8 21.8 32.6

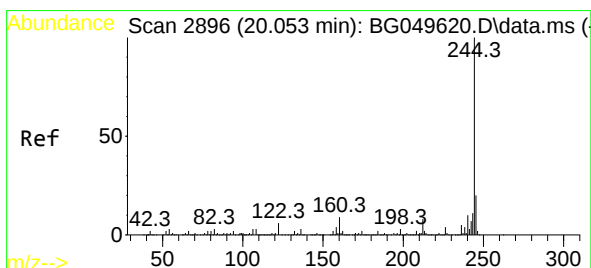
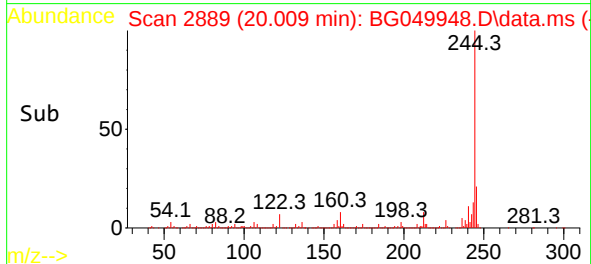
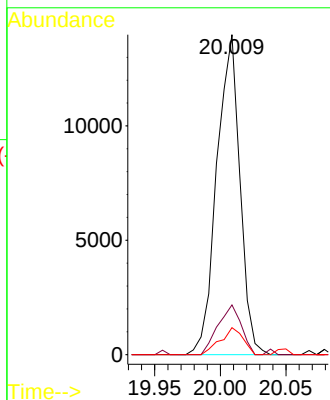
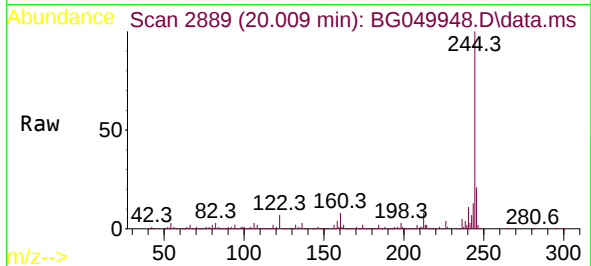




#77
Benzidine
Concen: 4.195 ng
RT: 20.009 min Scan# 2889
Delta R.T. 0.374 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

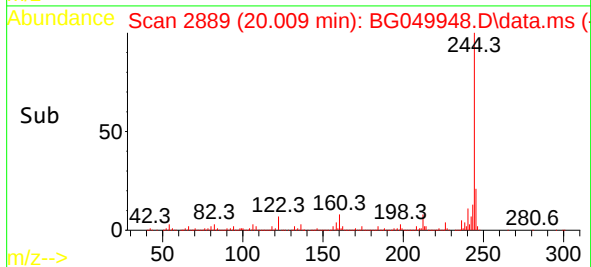
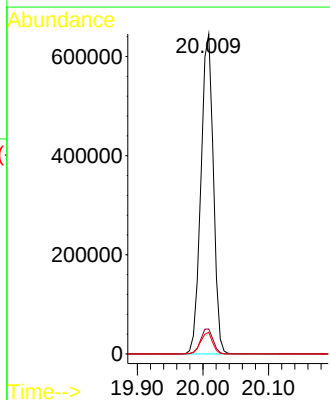
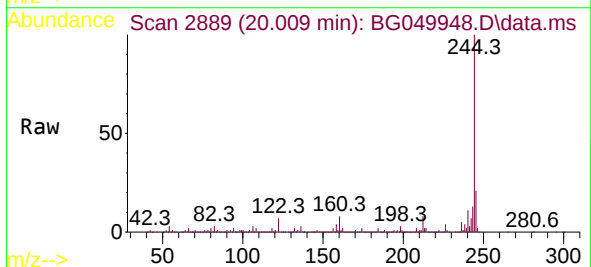
Instrument :
BNA_G
ClientSampleId :
PB138504BL

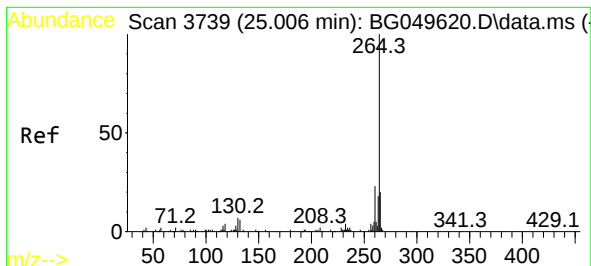
Tgt Ion:184 Resp: 17123
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 8.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 97.261 ng
RT: 20.009 min Scan# 2889
Delta R.T. -0.002 min
Lab File: BG049948.D
Acq: 24 Aug 2021 11:48

Tgt Ion:244 Resp: 853065
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.908 min Scan# 3723
 Delta R.T. -0.014 min
 Lab File: BG049948.D
 Acq: 24 Aug 2021 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB138504BL

Tgt Ion:264 Resp: 155766
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 20.8 16.9 25.3

