

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054528.D
 Acq On : 4 Aug 2022 21:20
 Operator : CG/JU
 Sample : N3931-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

Quant Time: Aug 05 05:03:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

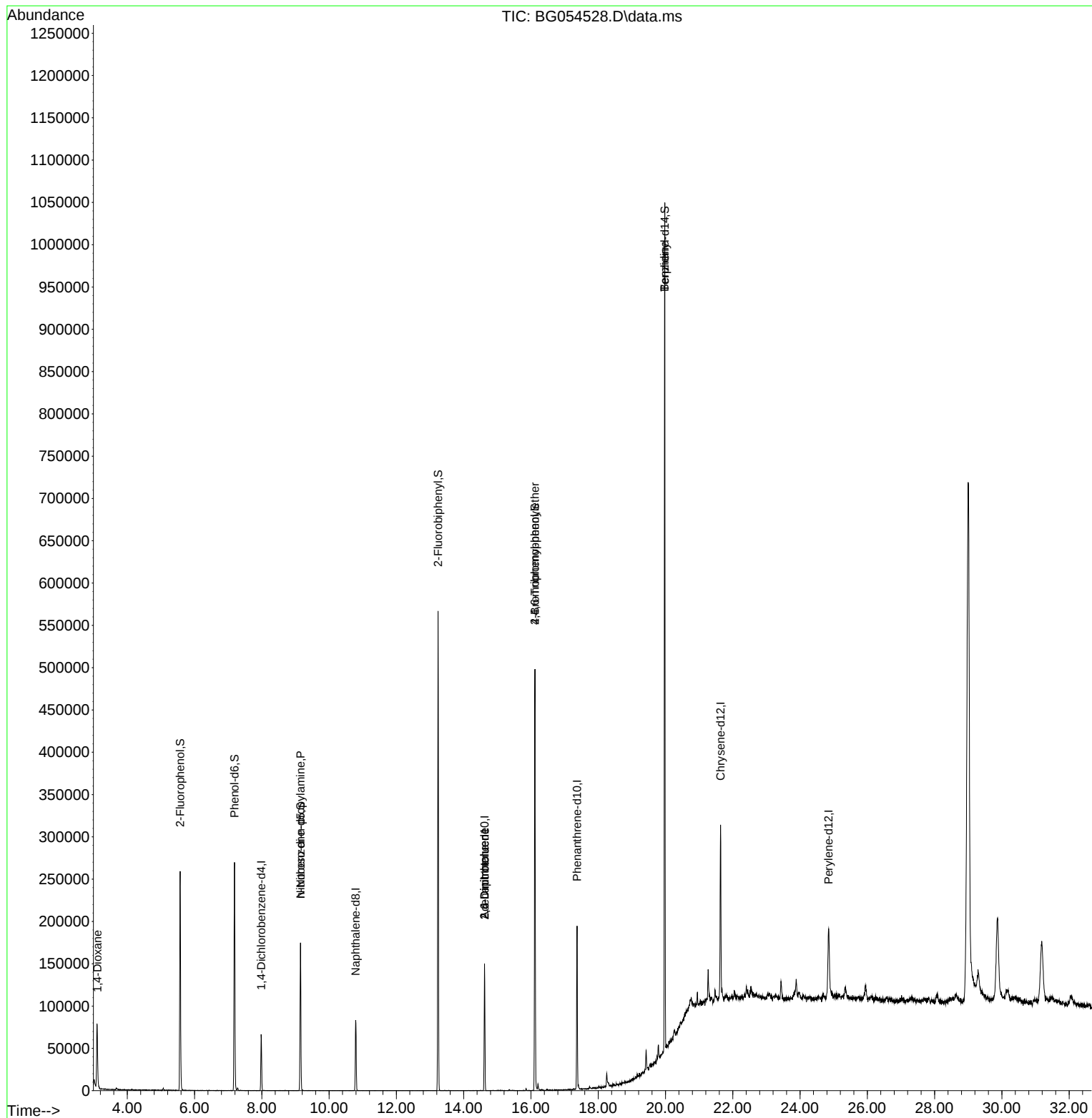
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	20374	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	78508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	57390	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	136899	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	143116	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	122983	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	119255	122.210	ng	0.01
7) Phenol-d6	7.189	99	157100	117.492	ng	0.02
23) Nitrobenzene-d5	9.151	82	106318	73.747	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	131400	109.048	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	319837	78.619	ng	0.00
79) Terphenyl-d14	19.980	244	575225	79.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.111	88	1134	2.921	ng	# 1
19) n-Nitroso-di-n-propyla...	9.151	70	15500	17.359	ng	# 79
51) 2,6-Dinitrotoluene	14.622	165	7912	8.047	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	7912	5.613	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	8636	4.492	ng	# 1
77) Benzidine	19.974	184	7909	3.051	ng	96

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

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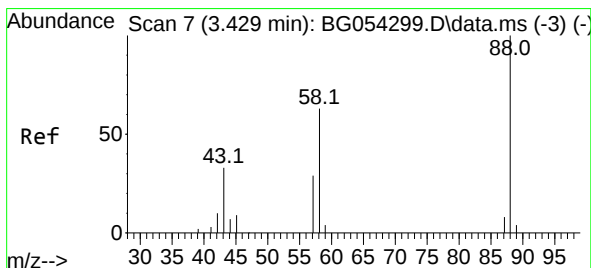
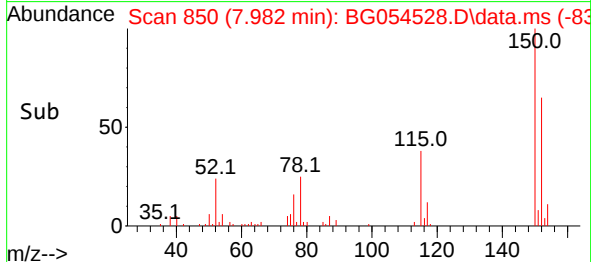
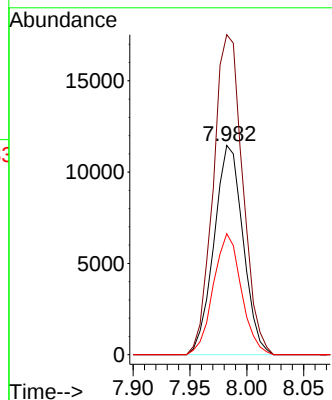
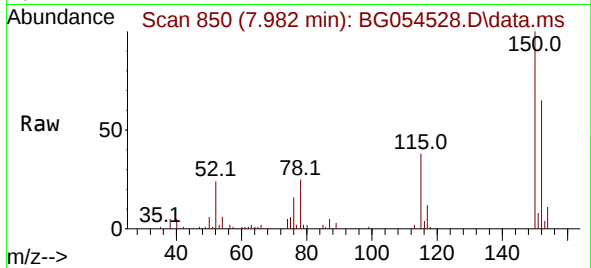




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

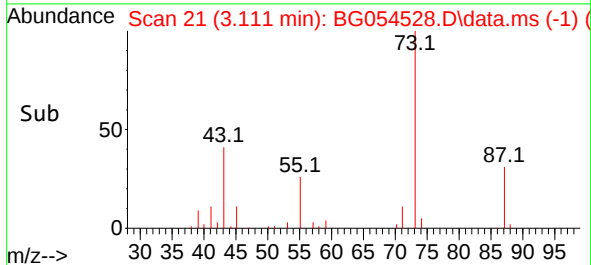
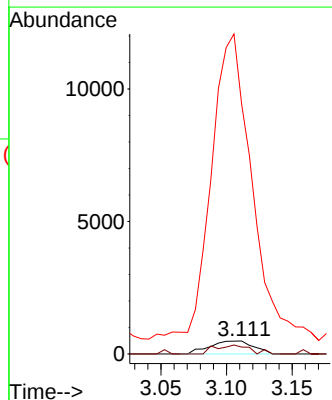
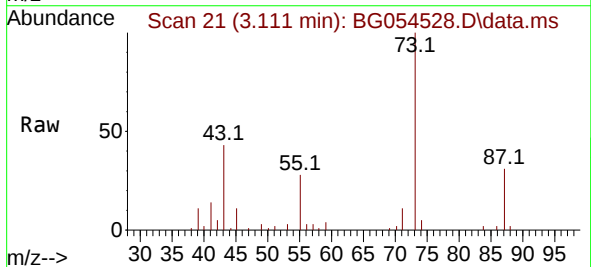
Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

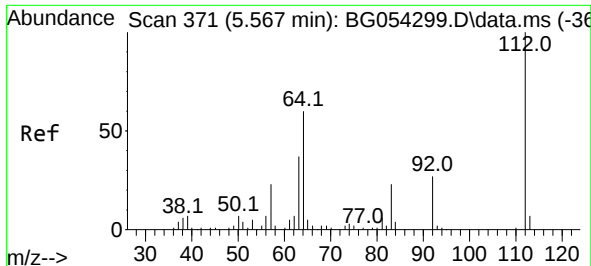
Tgt Ion:152 Resp: 20374
 Ion Ratio Lower Upper
 152 100
 150 152.9 131.6 197.4
 115 57.8 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.921 ng
 RT: 3.111 min Scan# 21
 Delta R.T. -0.306 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Tgt Ion: 88 Resp: 1134
 Ion Ratio Lower Upper
 88 100
 58 55.6 59.2 88.8#
 43 2204.9 24.3 36.5#

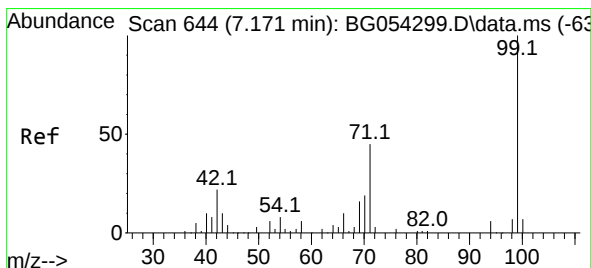
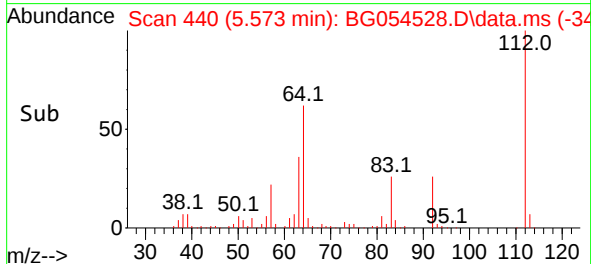
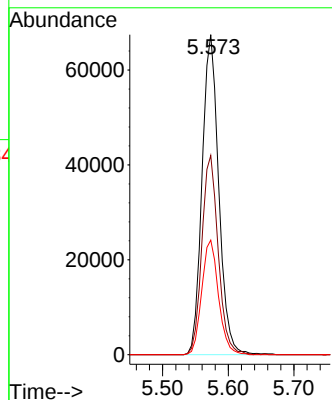
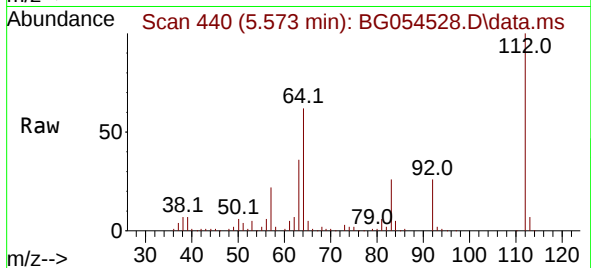




#5
2-Fluorophenol
Concen: 122.210 ng
RT: 5.573 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

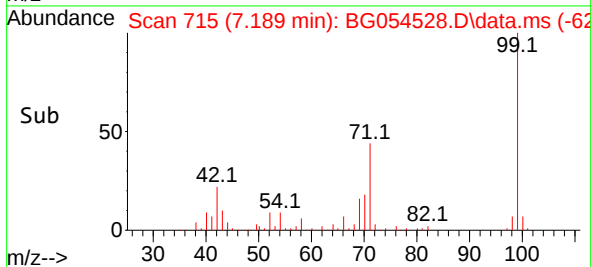
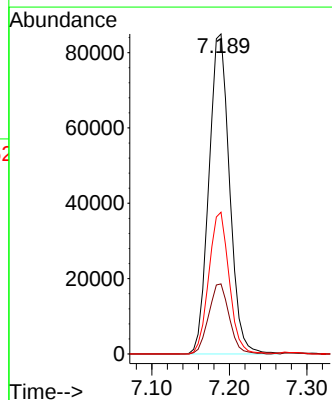
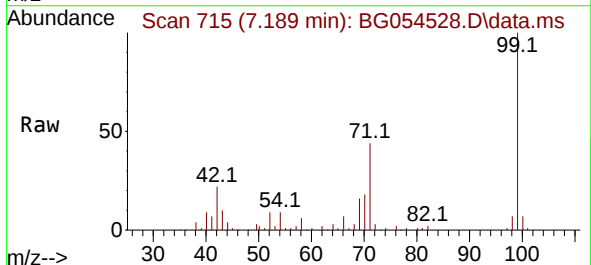
Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:112 Resp: 119255
Ion Ratio Lower Upper
112 100
64 62.3 55.1 82.7
63 35.8 30.4 45.6



#7
Phenol-d6
Concen: 117.492 ng
RT: 7.189 min Scan# 715
Delta R.T. 0.017 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion: 99 Resp: 157100
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 44.3 33.8 50.8

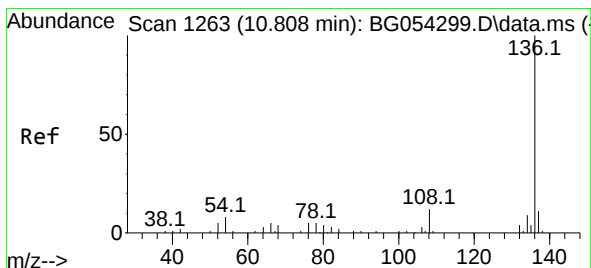
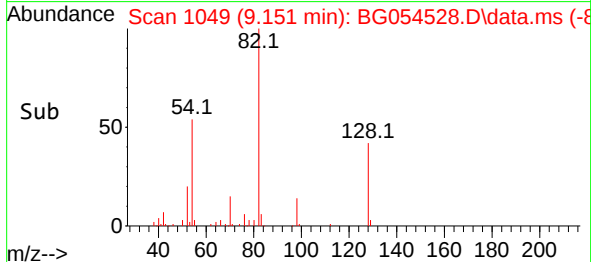
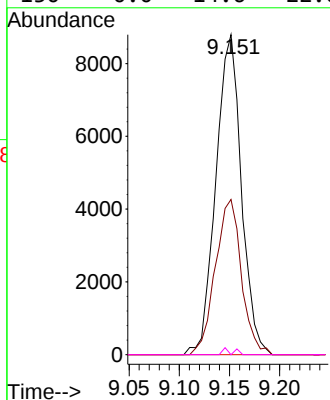
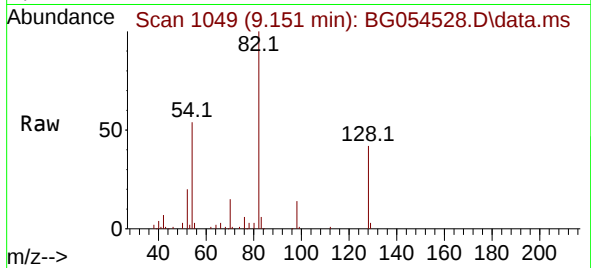




#19
n-Nitroso-di-n-propylamine
Concen: 17.359 ng
RT: 9.151 min Scan# 1049
Delta R.T. 0.358 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

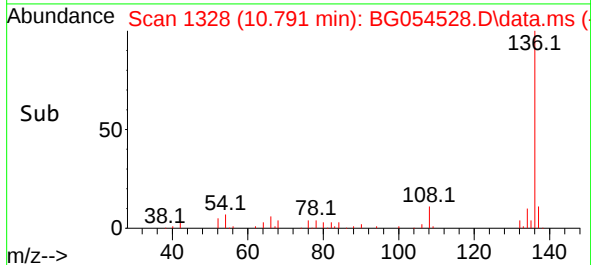
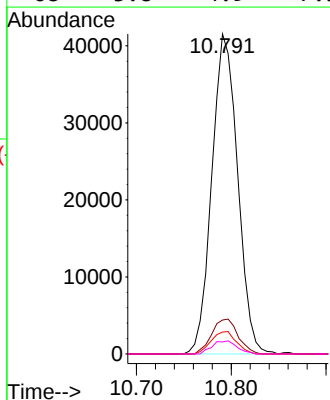
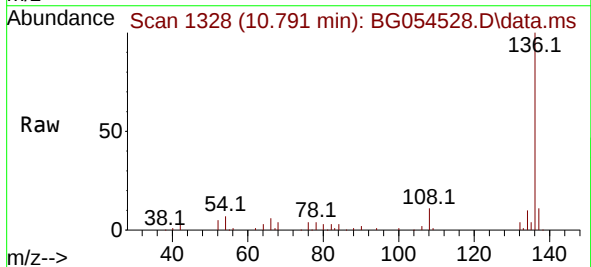
Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:	70	Resp:	15500
Ion Ratio	Lower	Upper	
70	100		
42	48.5	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:	136	Resp:	78508
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.9	7.4	11.2#
68	3.8	4.9	7.3#

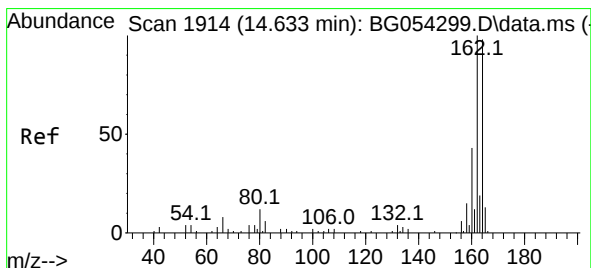
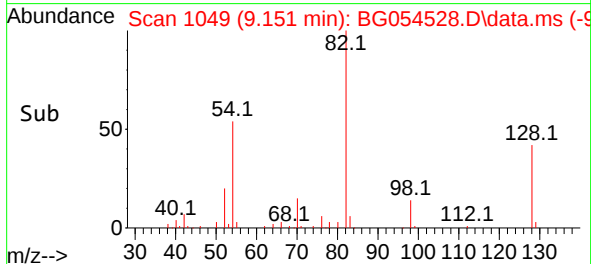
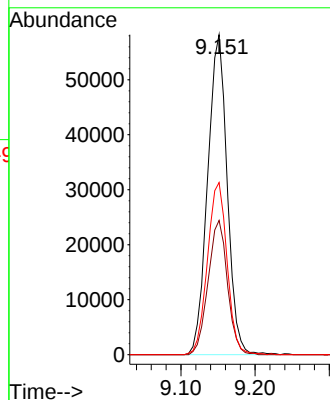
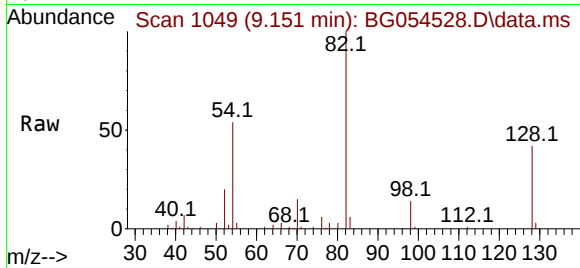




#23
Nitrobenzene-d5
Concen: 73.747 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

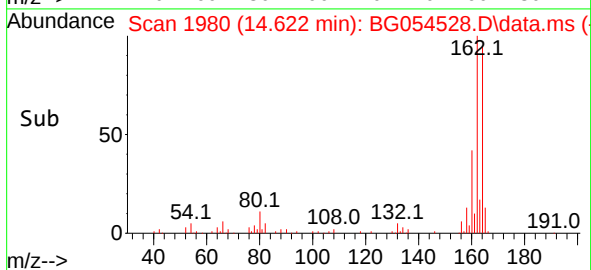
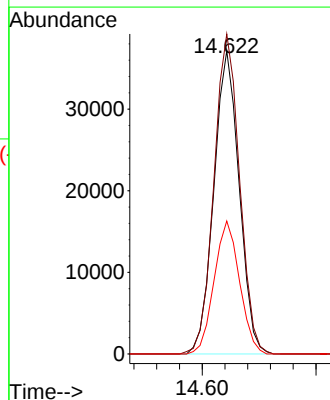
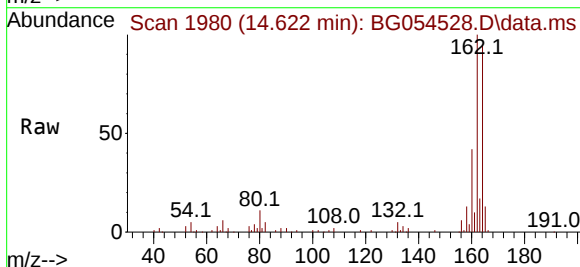
Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion: 82 Resp: 106318
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9#
54 53.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:164 Resp: 57390
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 43.8 34.2 51.2

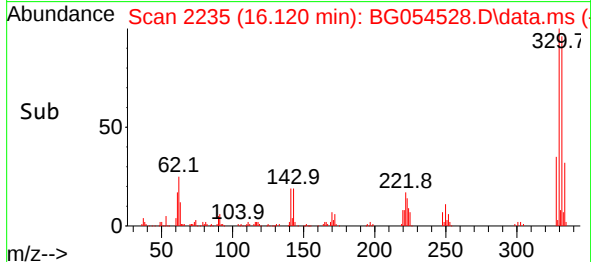
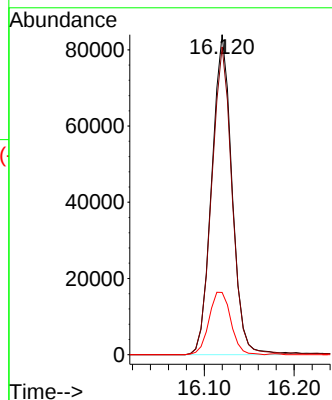
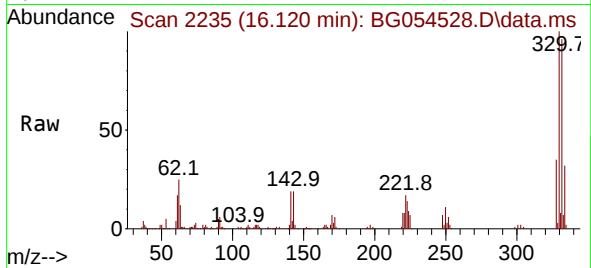




#42
 2,4,6-Tribromophenol
 Concen: 109.048 ng
 RT: 16.120 min Scan# 2168
 Delta R.T. 0.006 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

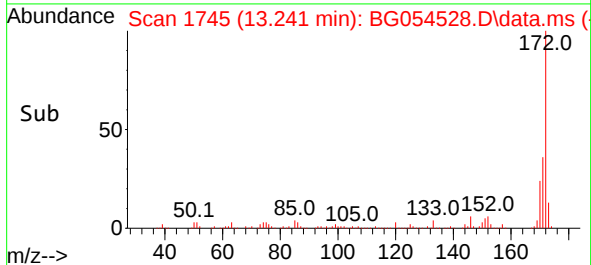
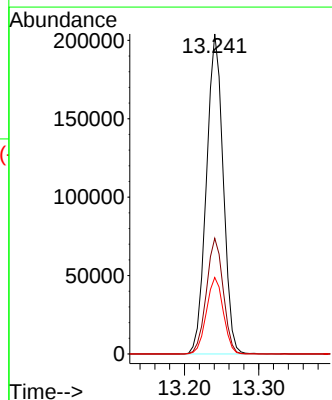
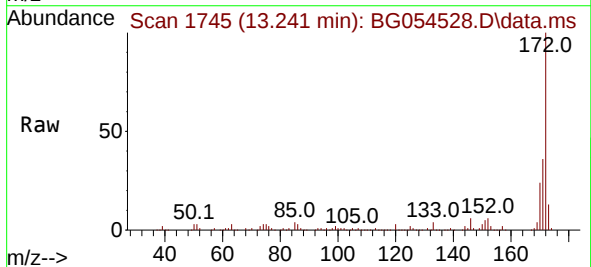
Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

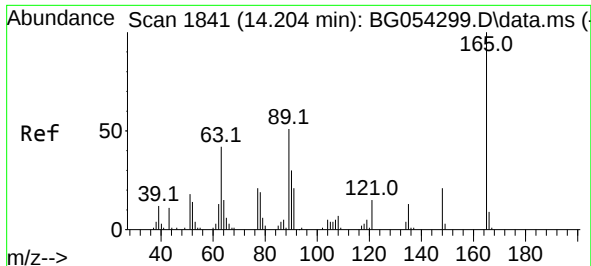
Tgt Ion:330 Resp: 131400
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.0 114.0
 141 21.1 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 78.619 ng
 RT: 13.241 min Scan# 1745
 Delta R.T. -0.006 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Tgt Ion:172 Resp: 319837
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 23.9 18.9 28.3

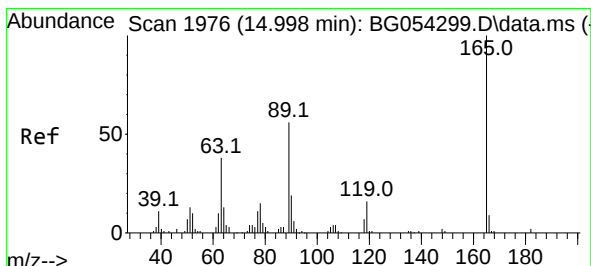
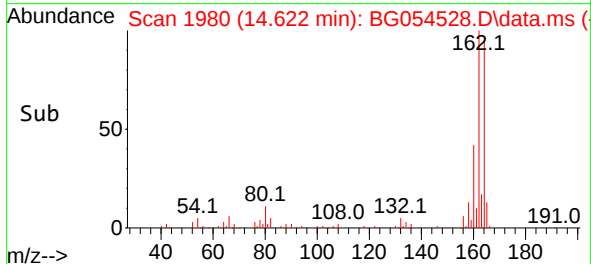
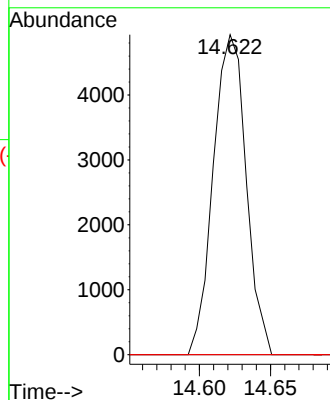
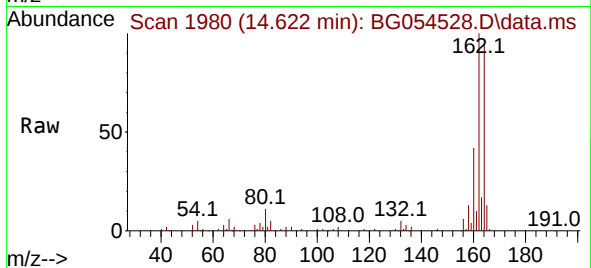




#51
2,6-Dinitrotoluene
Concen: 8.047 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

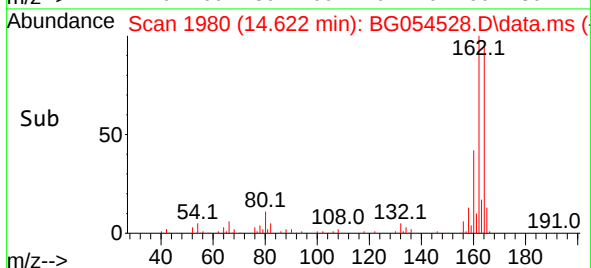
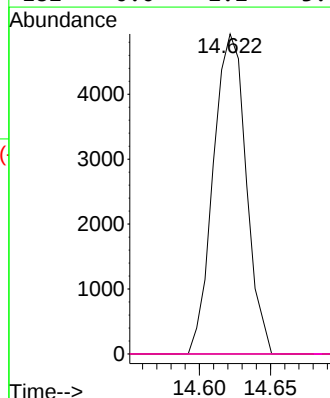
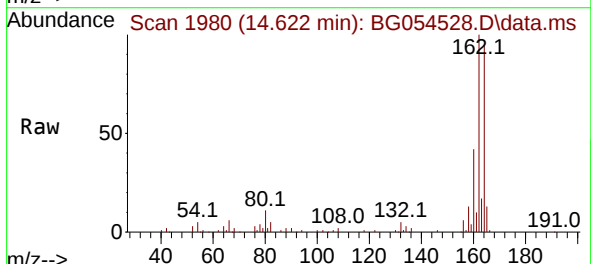
Instrument :
BNA_G
ClientSampleId :
RVE-122

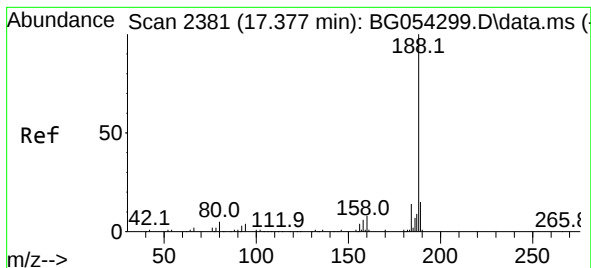
Tgt Ion:165 Resp: 7912
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.613 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:165 Resp: 7912
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.371 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BG054528.D

Acq: 4 Aug 2022 21:20

Instrument :

BNA_G

ClientSampleId :

RVE-122

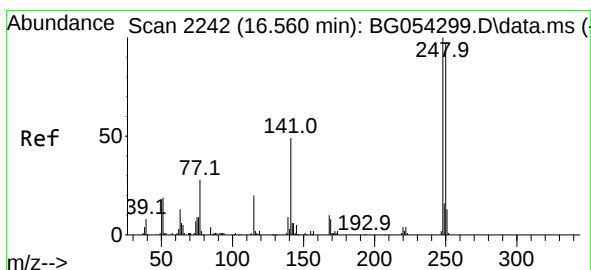
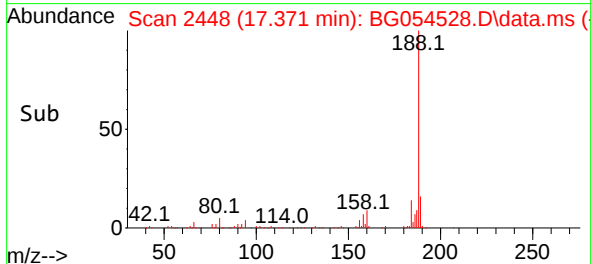
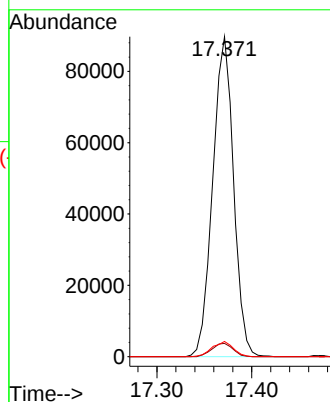
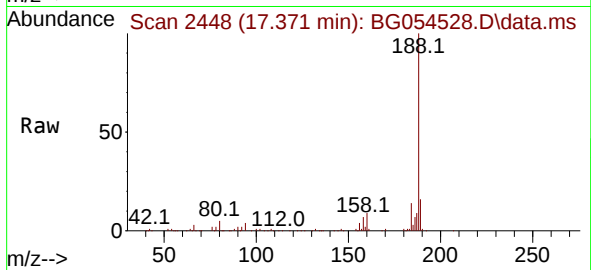
Tgt Ion:188 Resp: 136899

Ion Ratio Lower Upper

188 100

94 4.2 5.4 8.0#

80 4.8 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 4.492 ng

RT: 16.120 min Scan# 2235

Delta R.T. -0.435 min

Lab File: BG054528.D

Acq: 4 Aug 2022 21:20

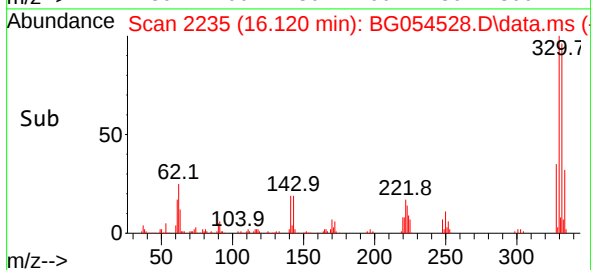
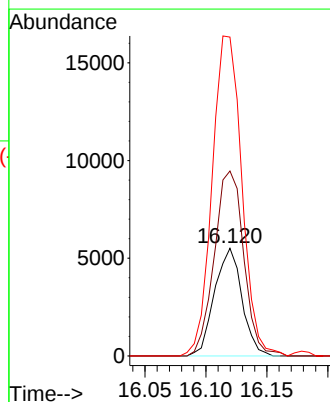
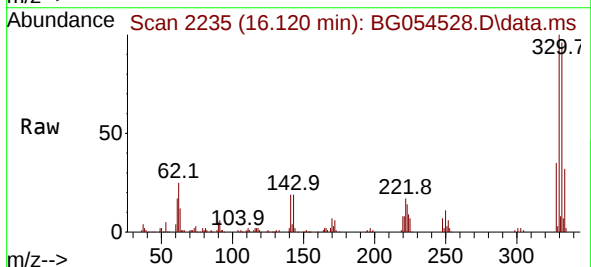
Tgt Ion:248 Resp: 8636

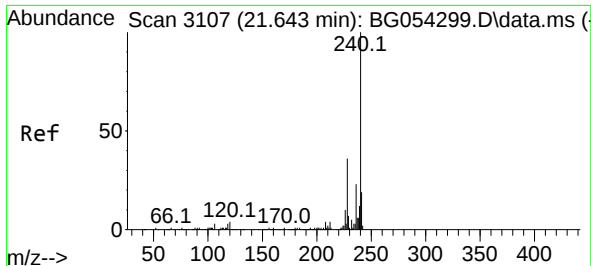
Ion Ratio Lower Upper

248 100

250 171.8 75.2 112.8#

141 296.2 50.0 75.0#

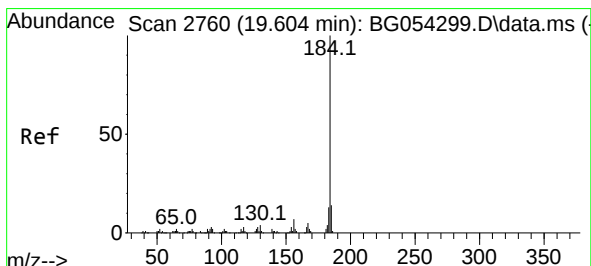
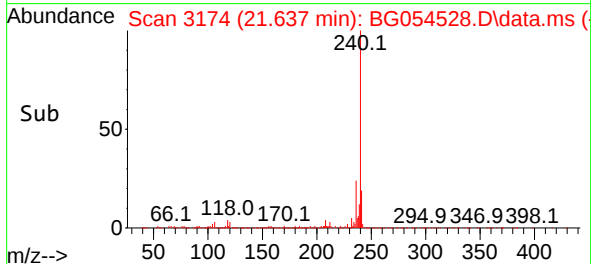
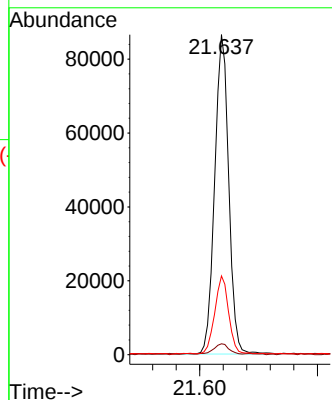
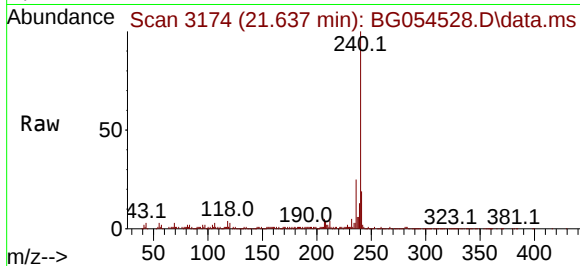




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

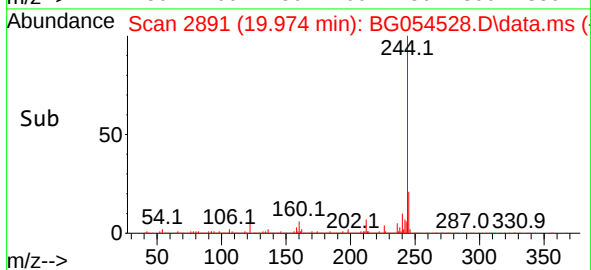
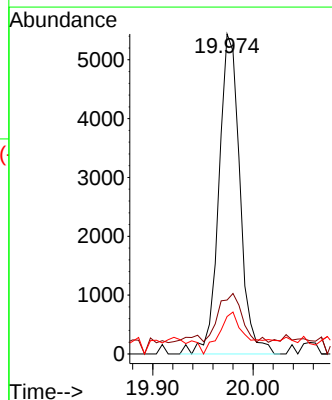
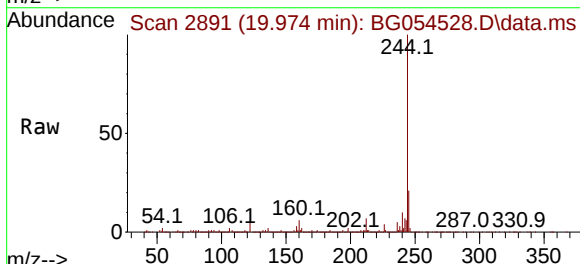
Instrument :
BNA_G
ClientSampleId :
RVE-122

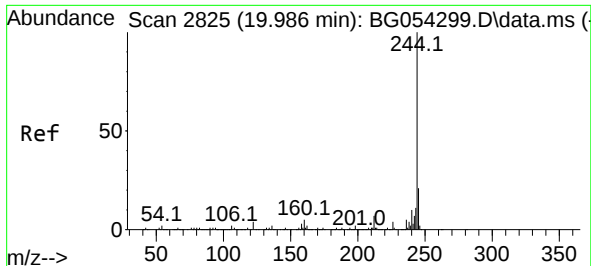
Tgt Ion:240 Resp: 143116
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.6 20.2 30.4



#77
Benzidine
Concen: 3.051 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:184 Resp: 7909
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 11.7 8.9 13.3

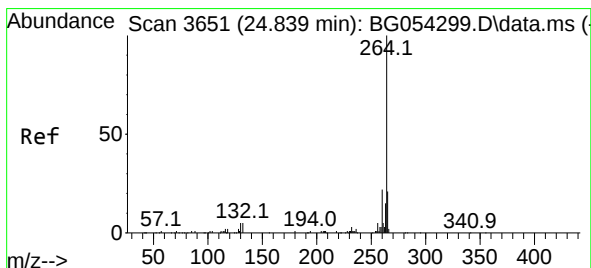
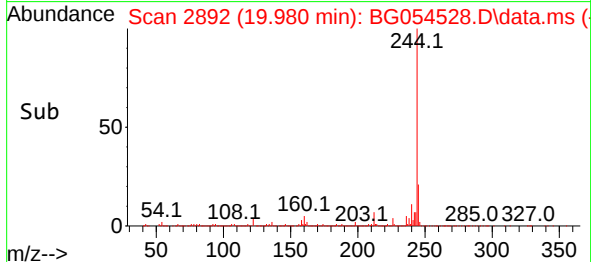
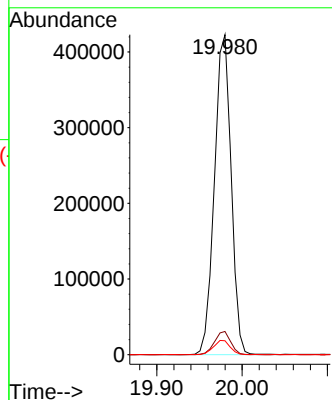
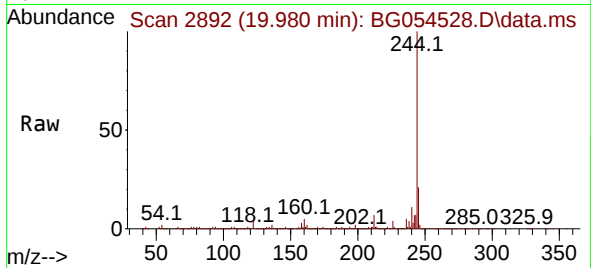




#79
 Terphenyl-d14
 Concen: 79.735 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

Tgt Ion:244 Resp: 575225
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.851 min Scan# 3721
 Delta R.T. 0.017 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Tgt Ion:264 Resp: 122983
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 17.4 26.2

