

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054635.D
 Acq On : 14 Aug 2022 16:38
 Operator : CG/JU
 Sample : N4148-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 391433-RBR024

Quant Time: Aug 15 04:20:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

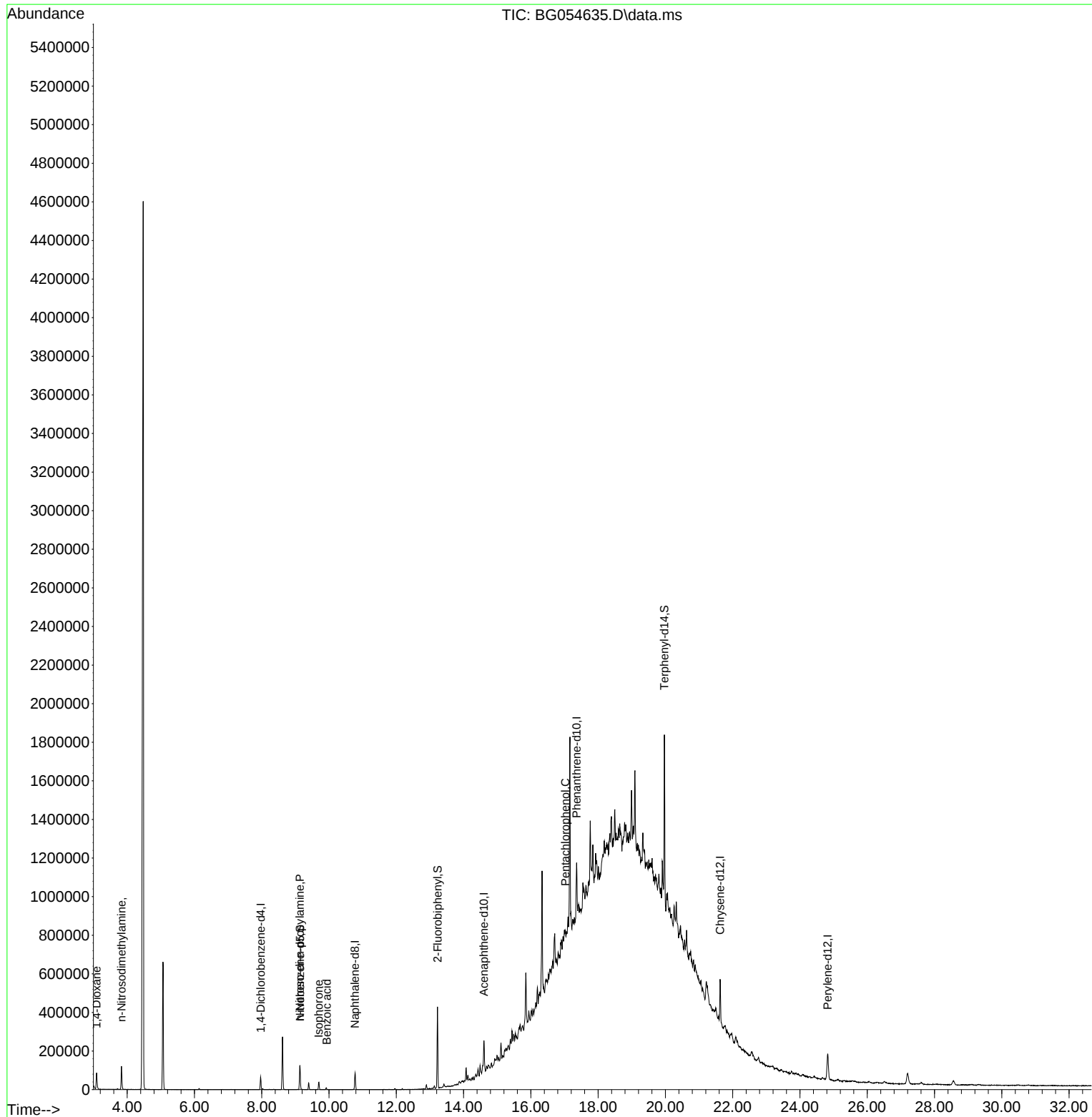
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	20880	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	79733	20.000	ng	# 0.00
39) Acenaphthene-d10	14.605	164	54865	20.000	ng	0.00
64) Phenanthrene-d10	17.361	188	121576	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	150881	20.000	ng	0.00
86) Perylene-d12	24.823	264	161288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.208	99	352	0.257	ng	0.04
23) Nitrobenzene-d5	9.135	82	81595	55.729	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.225	172	240779	61.909	ng	0.00
79) Terphenyl-d14	19.970	244	458247	60.251	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	1017	2.556	ng	# 1
4) n-Nitrosodimethylamine	3.830	42	3936	6.974	ng	# 1
19) n-Nitroso-di-n-propyla...	9.130	70	11651	12.732	ng	# 80
25) Isophorone	9.694	82	28784	11.304	ng	# 93
32) Benzoic acid	9.934	122	53	7.781	ng	# 1
70) Pentachlorophenol	17.026	266	512	4.357	ng	# 19

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

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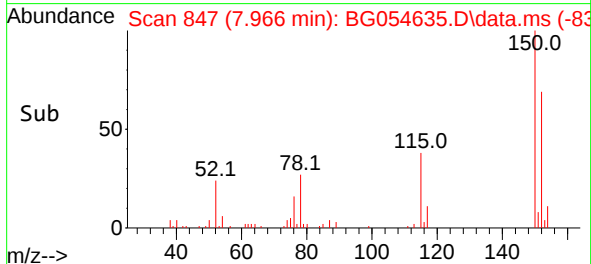
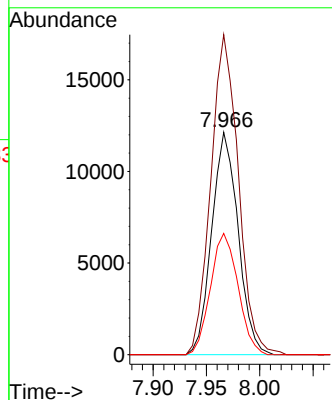
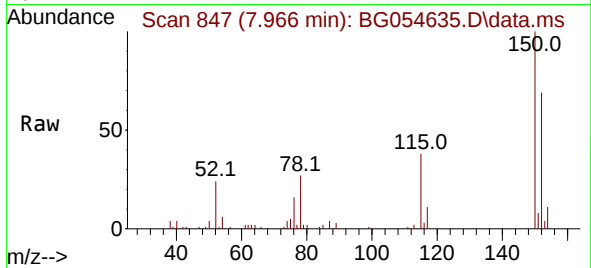




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

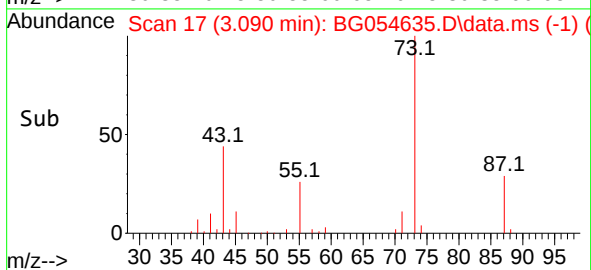
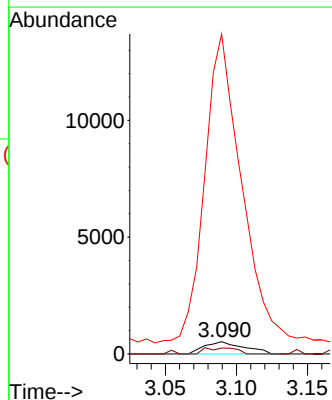
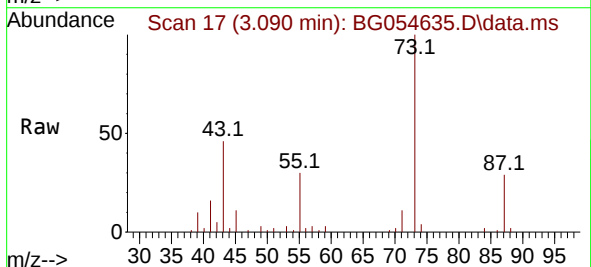
Instrument :
 BNA_G
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 391433-RBR024

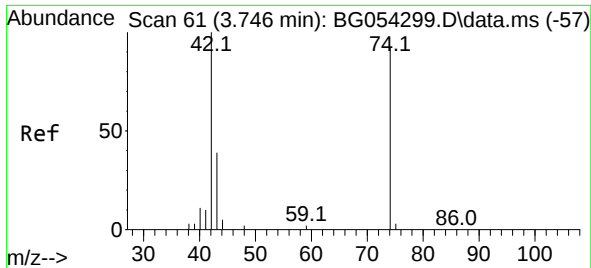
Tgt Ion:152 Resp: 20880
 Ion Ratio Lower Upper
 152 100
 150 143.9 131.6 197.4
 115 54.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.556 ng
 RT: 3.090 min Scan# 17
 Delta R.T. -0.301 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

Tgt Ion: 88 Resp: 1017
 Ion Ratio Lower Upper
 88 100
 58 39.1 59.2 88.8#
 43 2456.8 24.3 36.5#

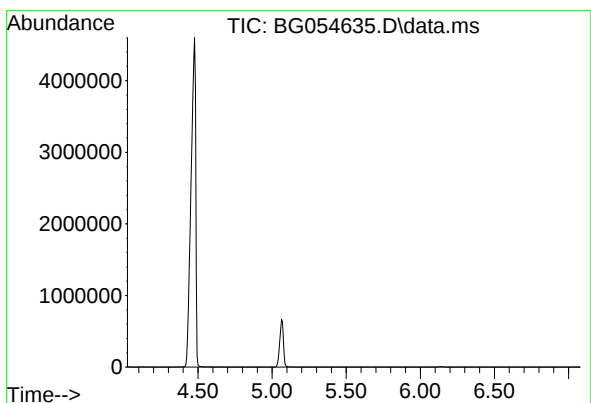
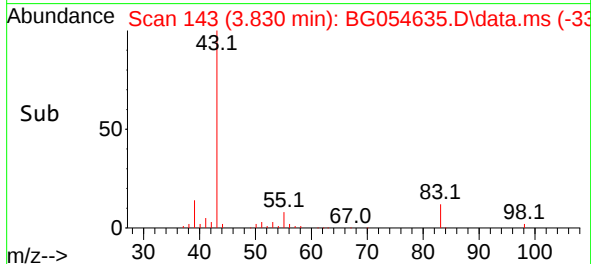
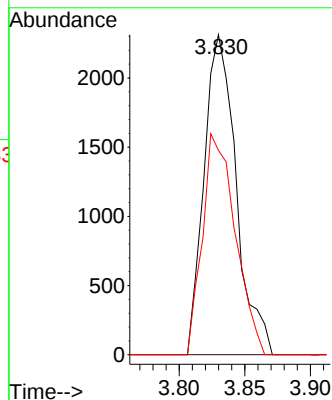
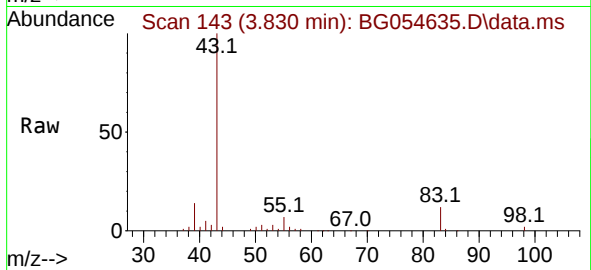




#4
 n-Nitrosodimethylamine
 Concen: 6.974 ng
 RT: 3.830 min Scan# 14
 Delta R.T. 0.116 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

Instrument :
 BNA_G
 ClientSampleId :
 391433-RBR024

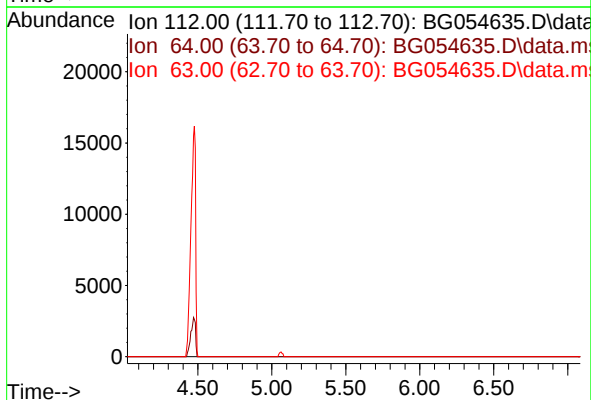
Tgt Ion: 42 Resp: 3936
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.0 145.4#
 44 63.9 7.0 10.4#

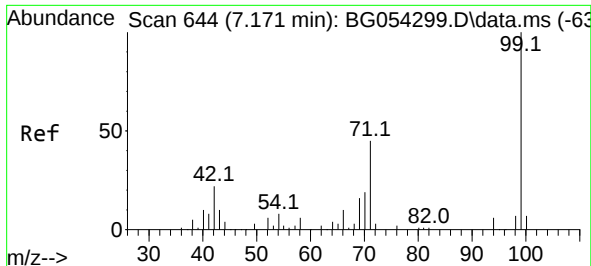


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.55 min

Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 68.9
 63 38.0

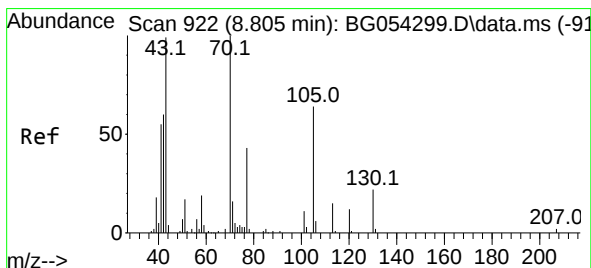
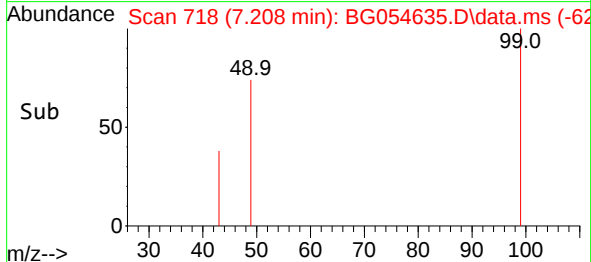
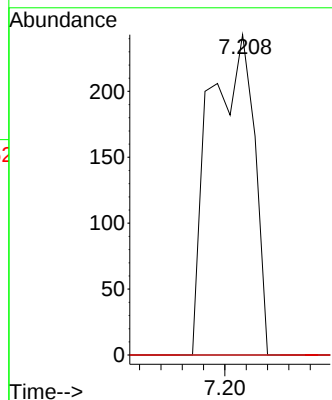
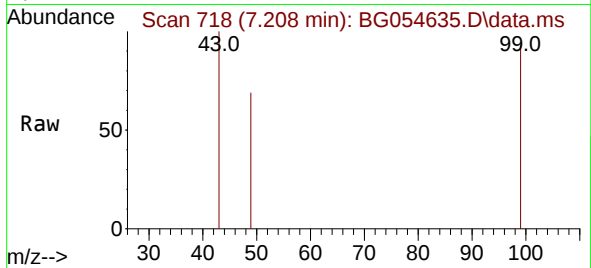




#7
Phenol-d6
Concen: 0.257 ng
RT: 7.208 min Scan# 71
Delta R.T. 0.039 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

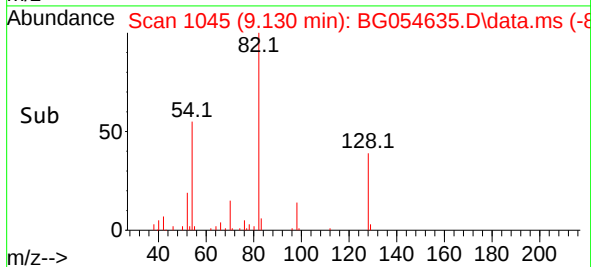
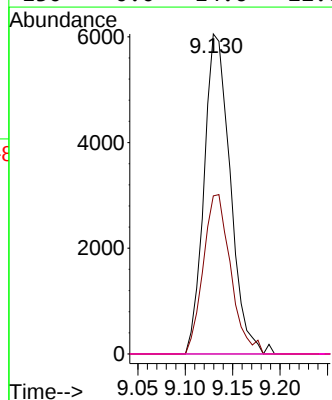
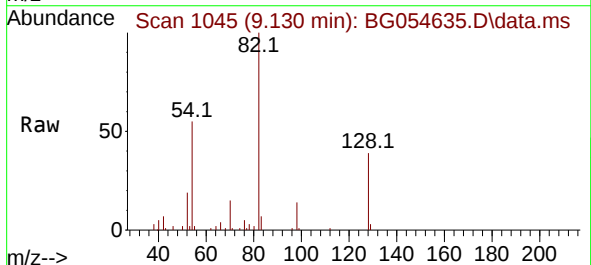
Instrument :
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391433-RBR024

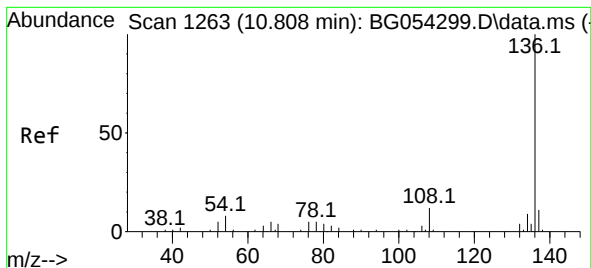
Tgt Ion: 99 Resp: 352
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.732 ng
RT: 9.130 min Scan# 1045
Delta R.T. 0.351 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion: 70 Resp: 11651
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

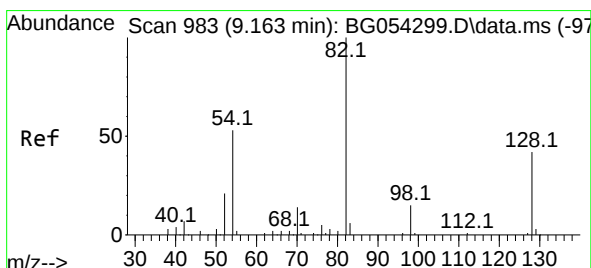
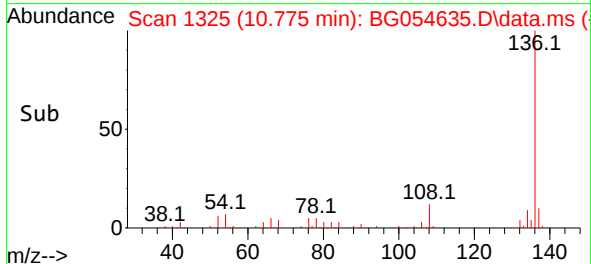
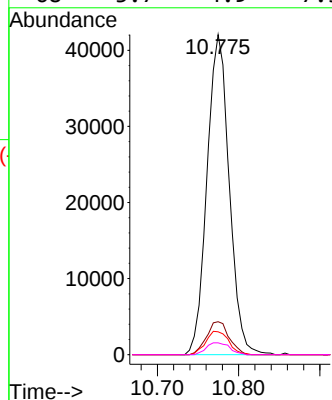
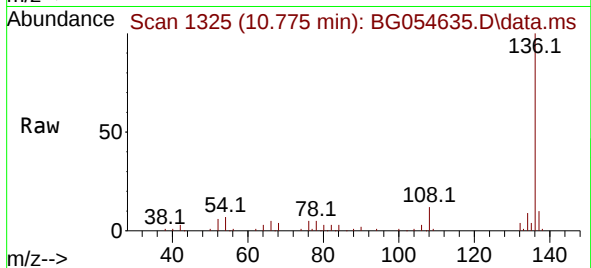




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

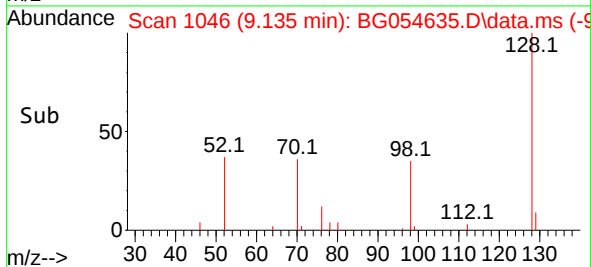
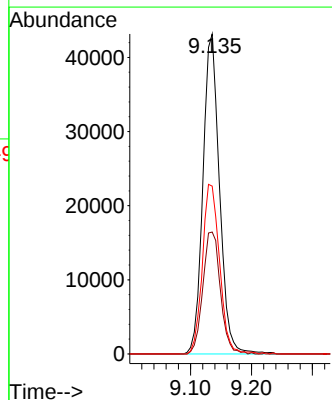
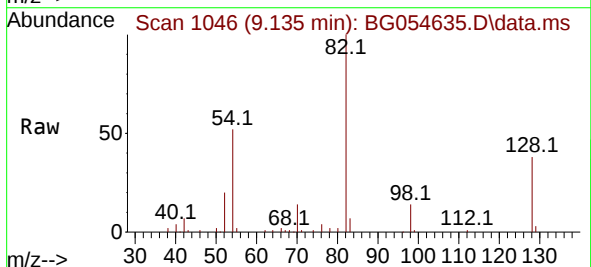
Instrument :
BNA_G
ClientSampleId :
391433-RBR024

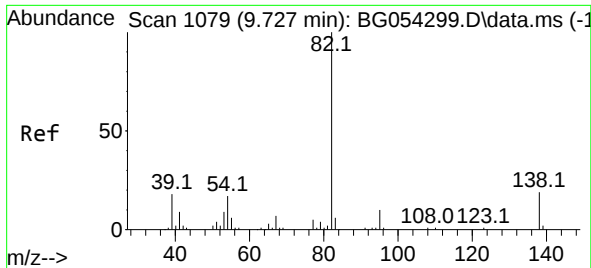
Tgt Ion:	136	Resp:	79733
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	7.1	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 55.729 ng
RT: 9.135 min Scan# 1046
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion:	82	Resp:	81595
Ion Ratio	Lower	Upper	
82	100		
128	38.1	27.9	41.9
54	52.4	41.2	61.8

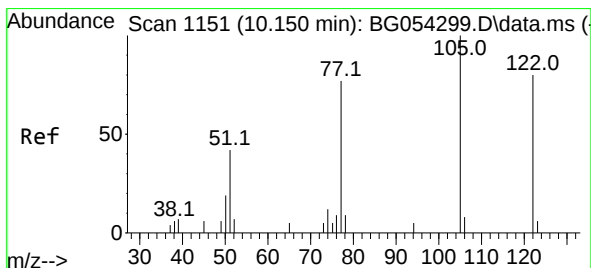
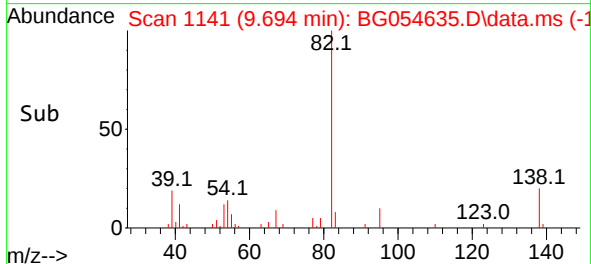
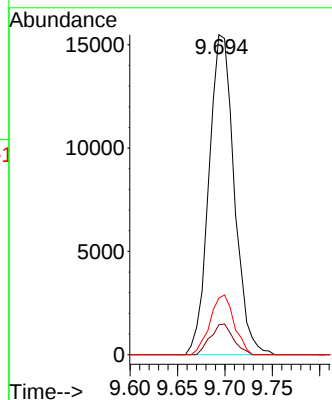
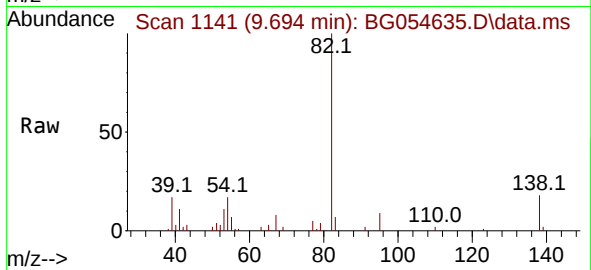




#25
Isophorone
Concen: 11.304 ng
RT: 9.694 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

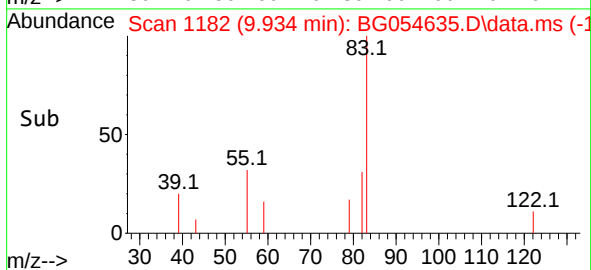
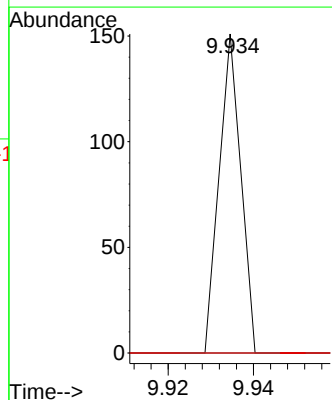
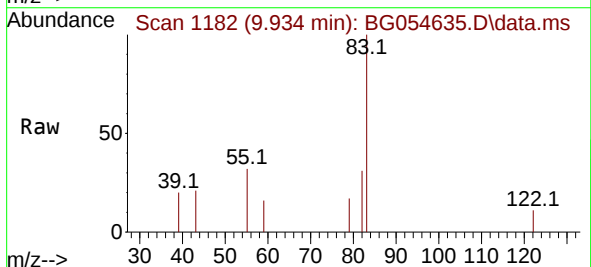
Instrument :
BNA_G
ClientSampleId :
391433-RBR024

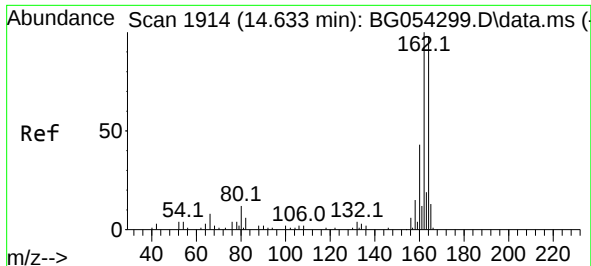
Tgt Ion: 82 Resp: 28784
Ion Ratio Lower Upper
82 100
95 9.4 6.2 9.4#
138 17.7 11.6 17.4#



#32
Benzoic acid
Concen: 7.781 ng
RT: 9.934 min Scan# 1182
Delta R.T. -0.225 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#

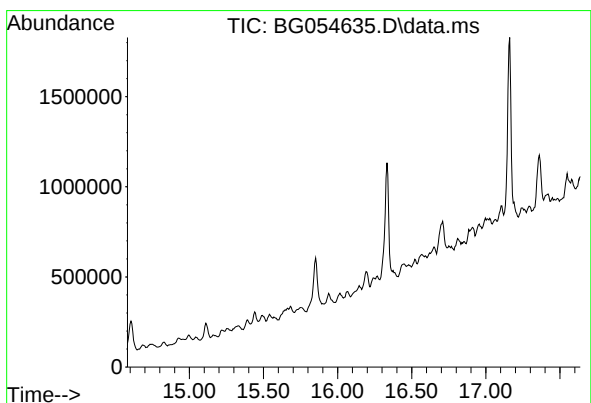
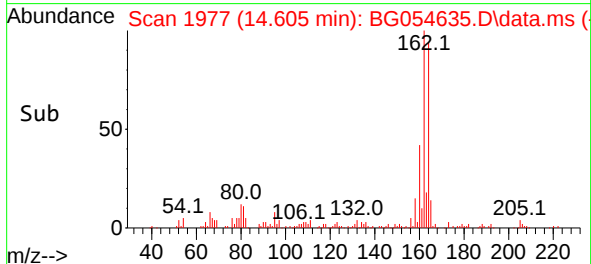
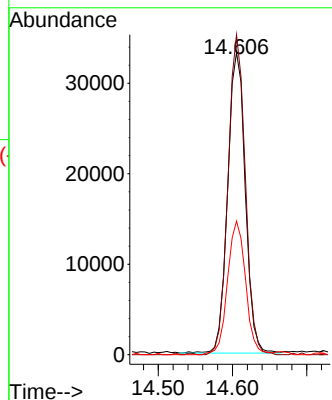
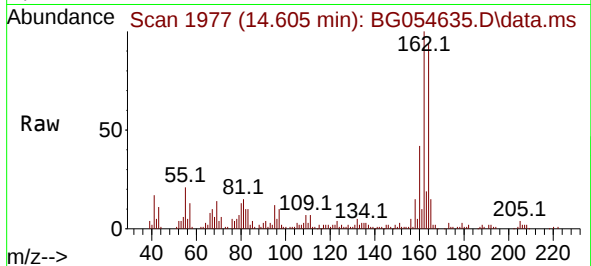




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.605 min Scan# 1914
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Instrument :
BNA_G
ClientSampleId :
391433-RBR024

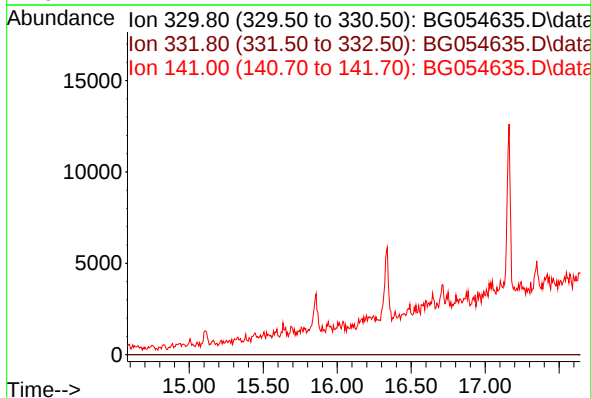
Tgt Ion:164 Resp: 54865
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 44.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.11 min

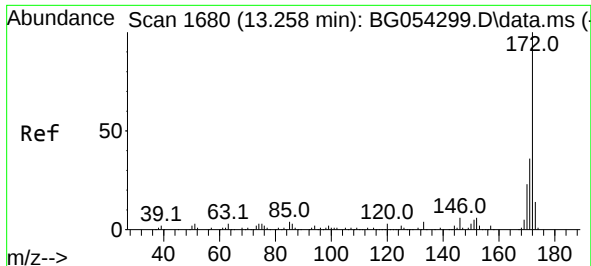
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.0
141 33.9



Ion 331.80 (331.50 to 332.50): BG054635.D\data.ms

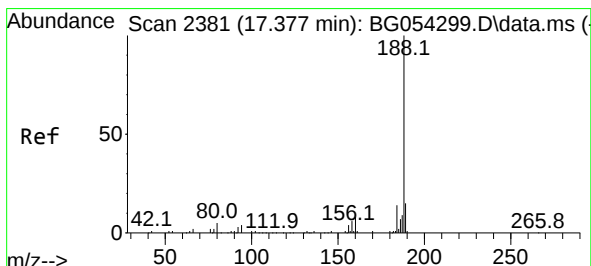
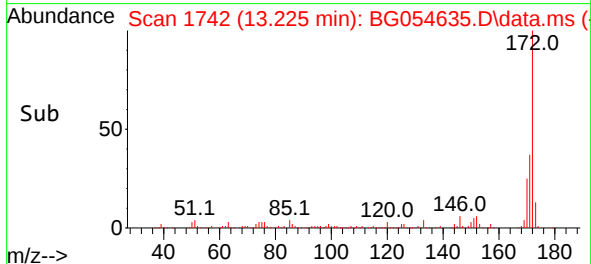
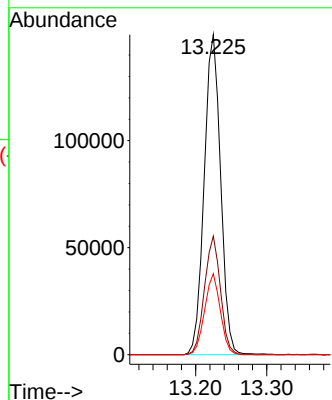
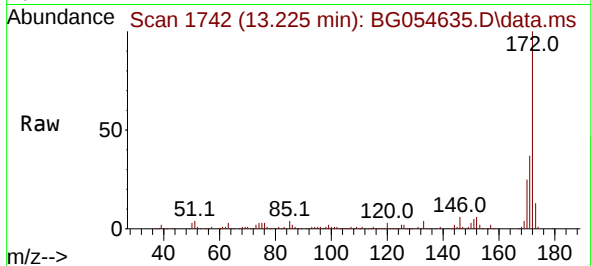
Ion 141.00 (140.70 to 141.70): BG054635.D\data.ms



#45
2-Fluorobiphenyl
Concen: 61.909 ng
RT: 13.225 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

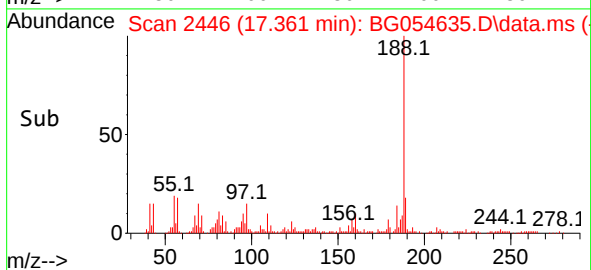
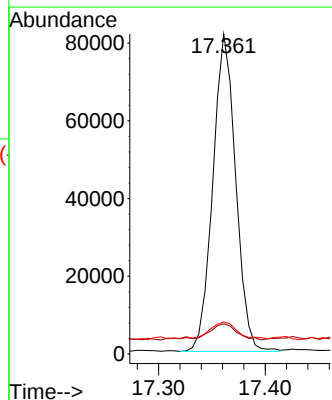
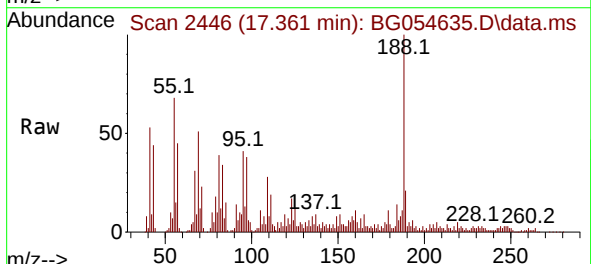
Instrument :
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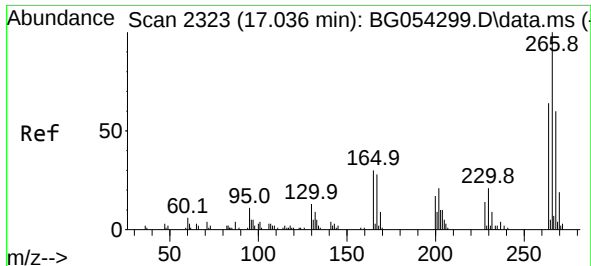
Tgt Ion:172 Resp: 240779
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 25.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.361 min Scan# 2446
Delta R.T. 0.004 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion:188 Resp: 121576
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.0 6.8 10.2

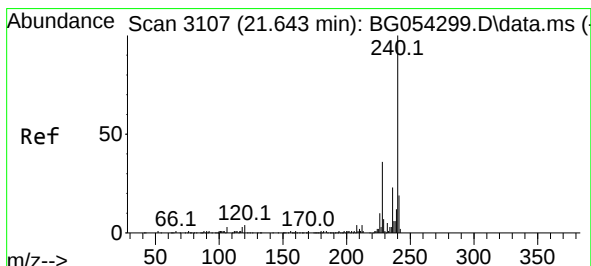
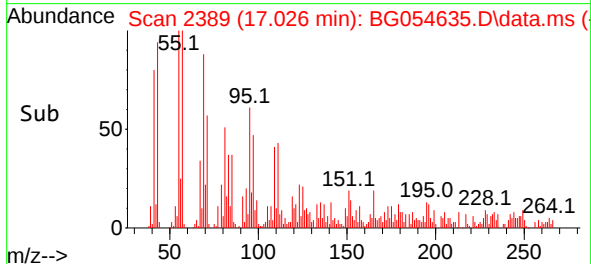
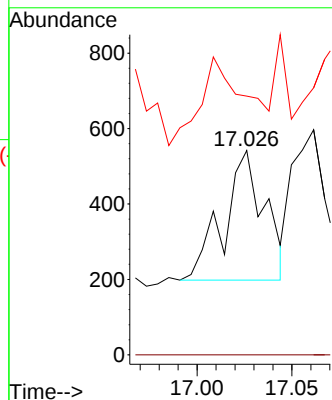
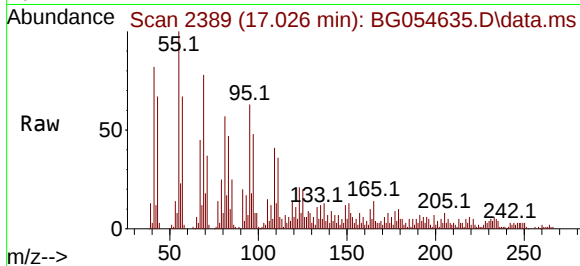




#70
 Pentachlorophenol
 Concen: 4.357 ng
 RT: 17.026 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

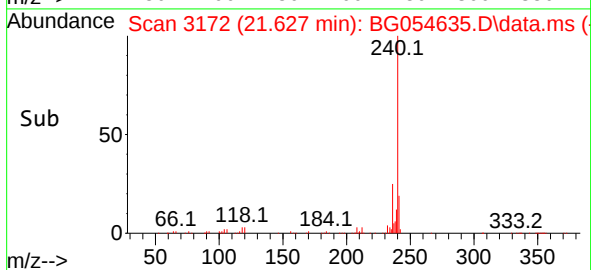
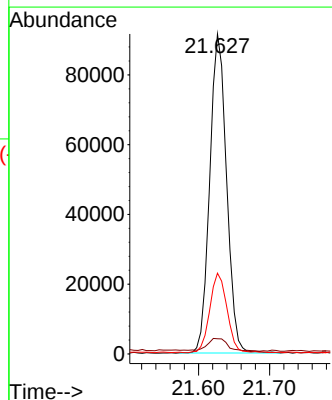
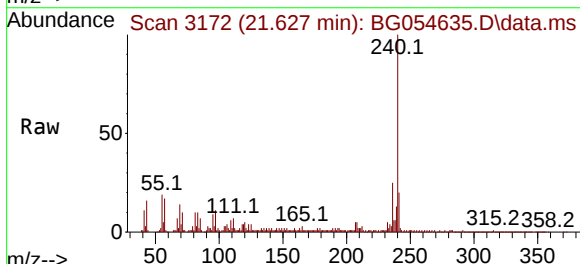
Instrument :
 BNA_G
 ClientSampleId :
 391433-RBR024

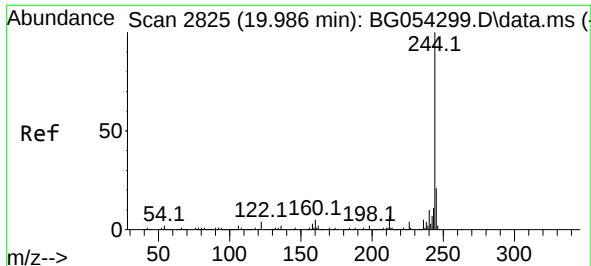
Tgt Ion:266 Resp: 512
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.2 84.2#
 264 126.6 53.0 79.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.627 min Scan# 3172
 Delta R.T. -0.002 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

Tgt Ion:240 Resp: 150881
 Ion Ratio Lower Upper
 240 100
 120 4.7 4.6 7.0
 236 25.2 20.2 30.4

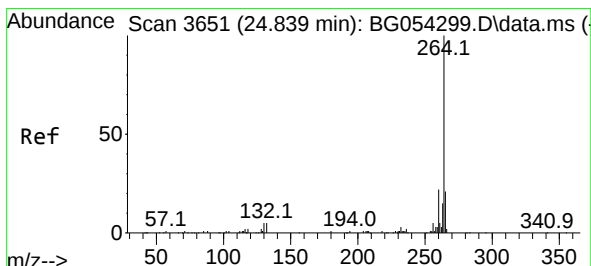
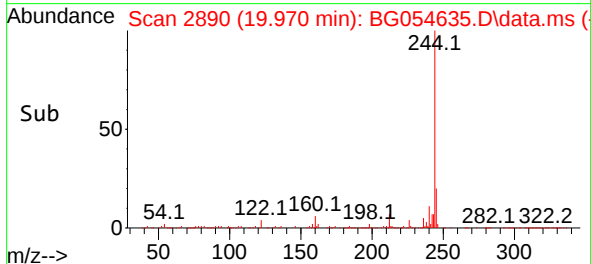
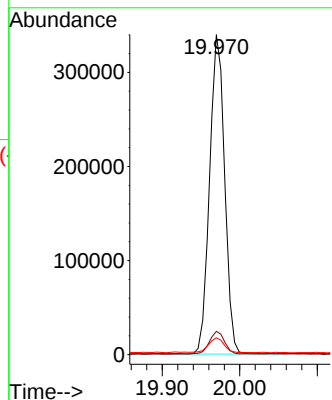
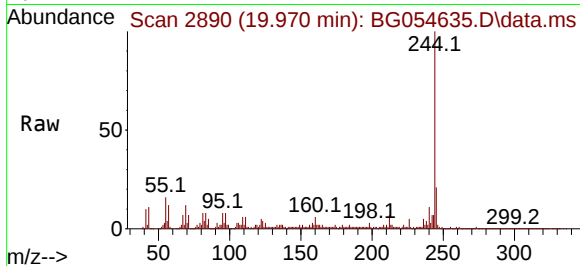




#79
Terphenyl-d14
Concen: 60.251 ng
RT: 19.970 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Instrument :
BNA_G
ClientSampleId :
391433-RBR024

Tgt Ion:244 Resp: 458247
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 5.3 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.823 min Scan# 3716
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion:264 Resp: 161288
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.1 17.4 26.2

