

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054575.D
 Acq On : 9 Aug 2022 18:38
 Operator : CG/JU
 Sample : N3962-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-195

Quant Time: Aug 10 07:13:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

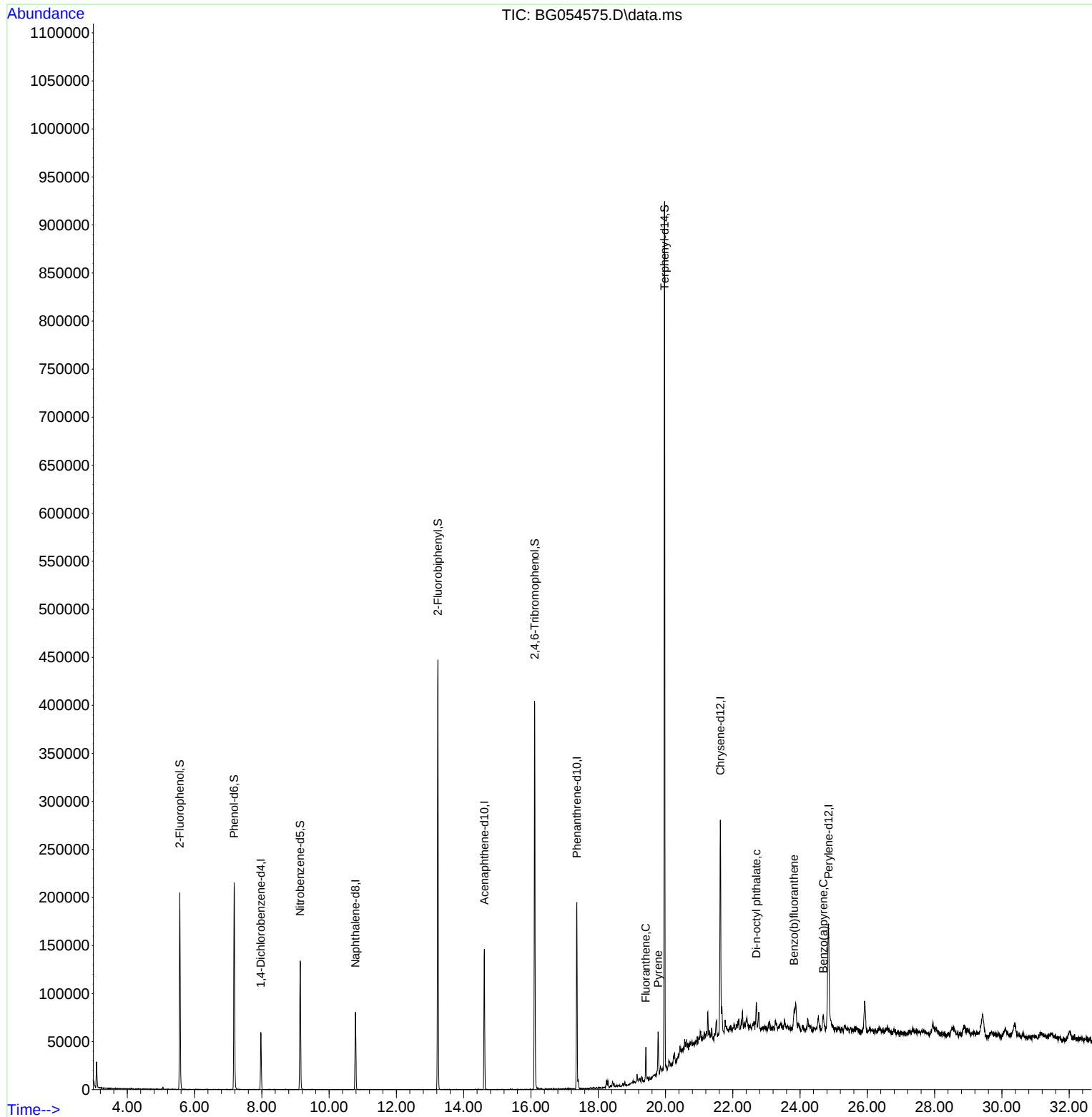
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	19302	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	73700	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	57533	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	140105	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	156262	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	159688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	92140	99.667	ng	0.00
7) Phenol-d6	7.177	99	125635	99.178	ng	0.00
23) Nitrobenzene-d5	9.139	82	85897	63.469	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	112170	92.858	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	262063	64.257	ng	0.00
79) Terphenyl-d14	19.974	244	540818	68.659	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.415	202	24872	2.615	ng	96
78) Pyrene	19.780	202	30903	3.447	ng	97
85) Di-n-octyl phthalate	22.700	149	25335	3.756	ng	# 98
88) Benzo(b)fluoranthene	23.822	252	28008	2.966	ng	97
90) Benzo(a)pyrene	24.692	252	18132	2.248	ng	# 94

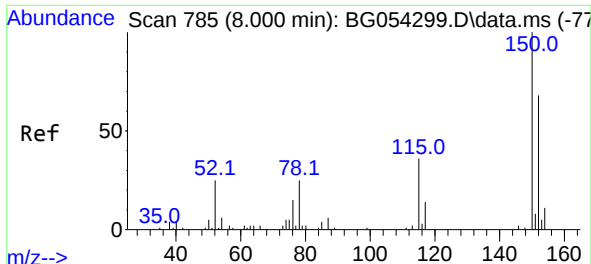
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

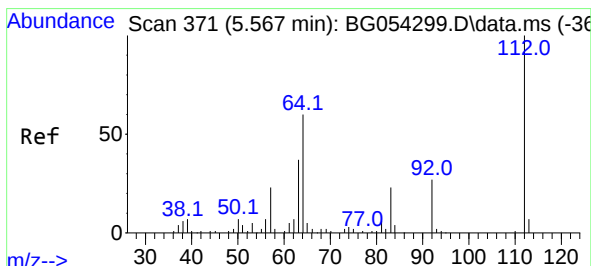
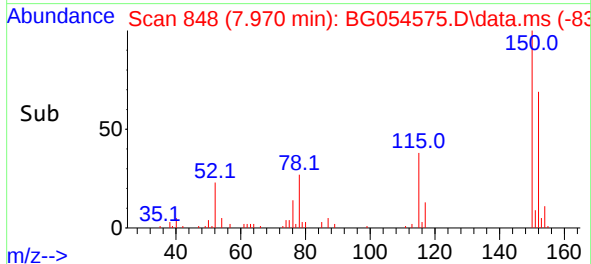
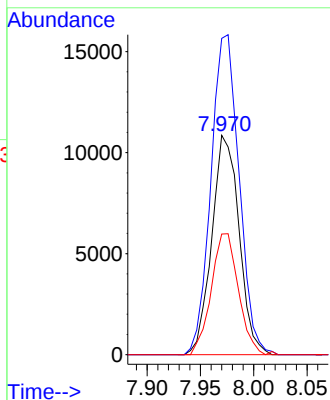
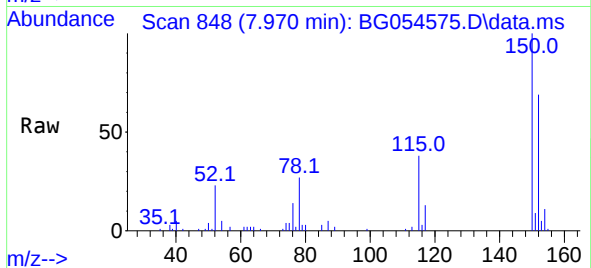




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

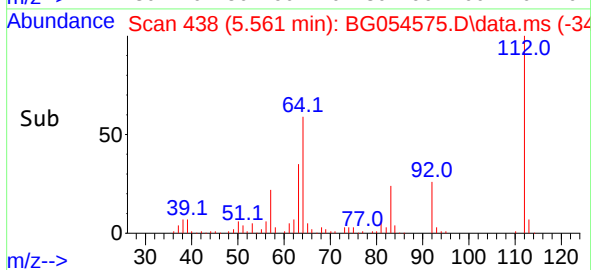
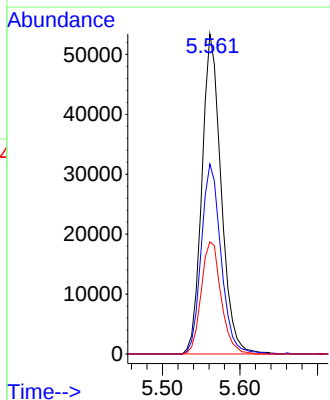
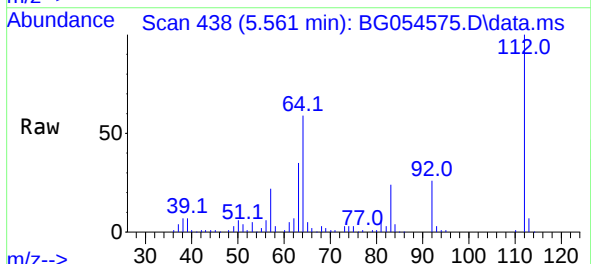
Instrument :
BNA_G
ClientSampleId :
RVE-195

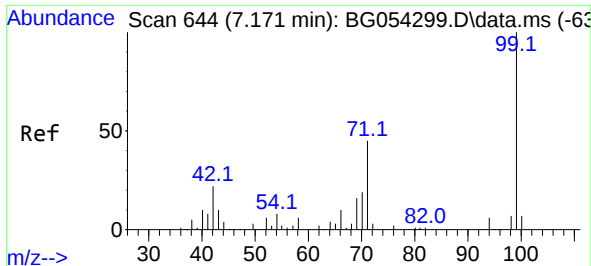
Tgt Ion:152 Resp: 19302
Ion Ratio Lower Upper
152 100
150 144.2 131.6 197.4
115 55.0 50.9 76.3



#5
2-Fluorophenol
Concen: 99.667 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:112 Resp: 92140
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 35.1 30.4 45.6

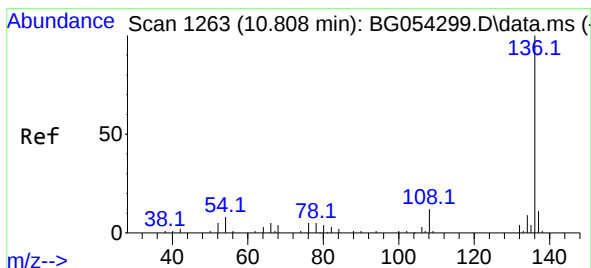
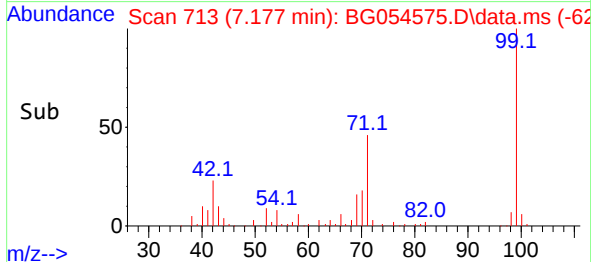
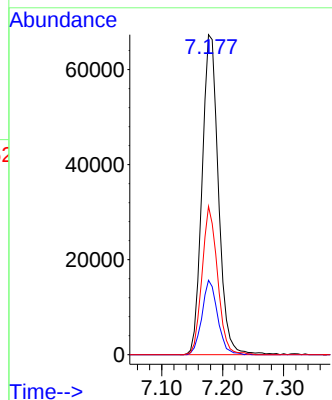
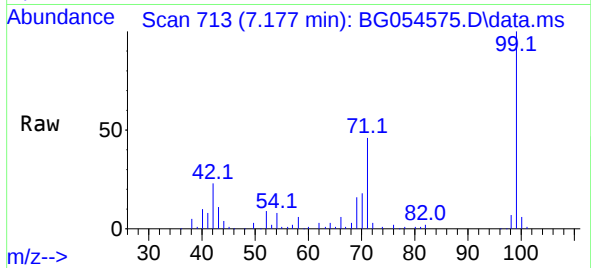




#7
Phenol-d6
Concen: 99.178 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

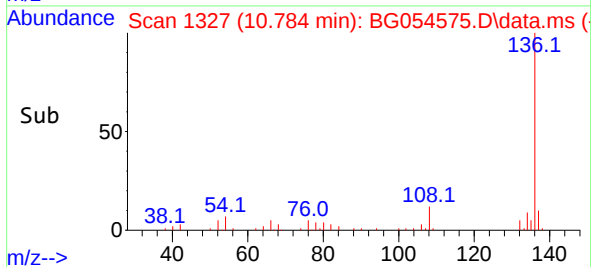
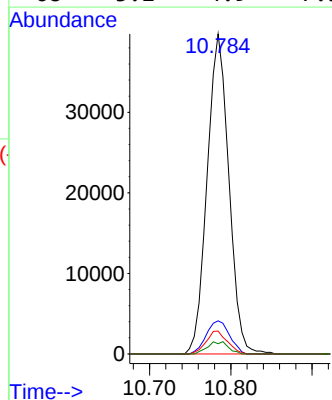
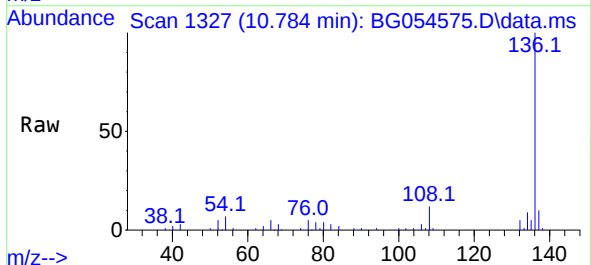
Instrument :
BNA_G
ClientSampleId :
RVE-195

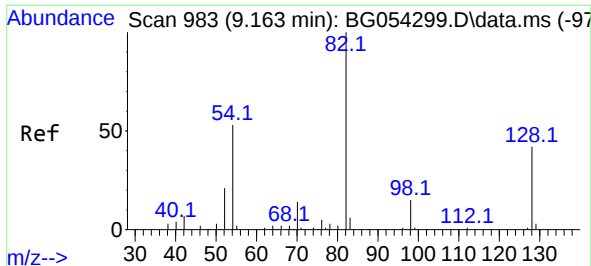
Tgt Ion: 99 Resp: 125635
Ion Ratio Lower Upper
99 100
42 23.3 17.0 25.6
71 46.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion: 136 Resp: 73700
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.2 7.4 11.2#
68 3.2 4.9 7.3#

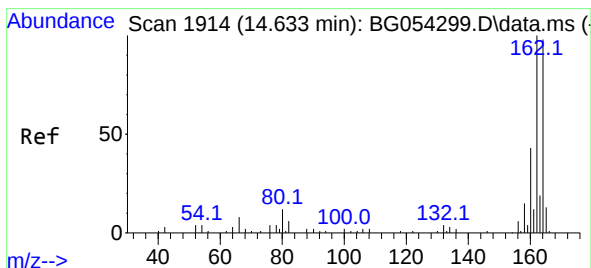
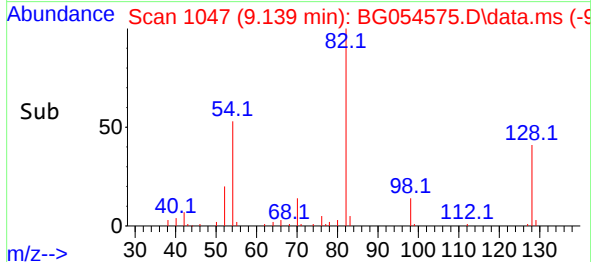
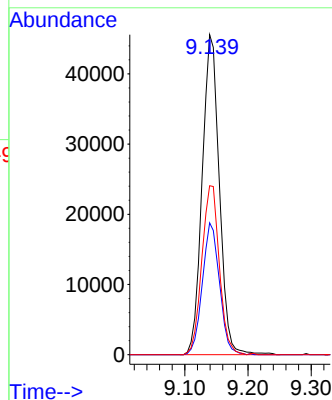
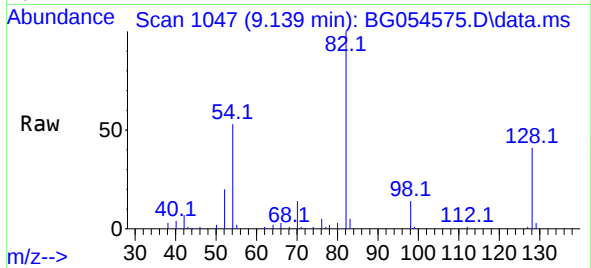




#23
Nitrobenzene-d5
Concen: 63.469 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

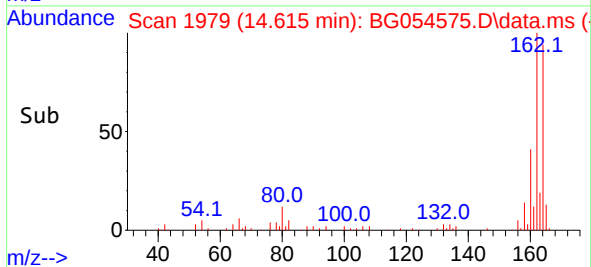
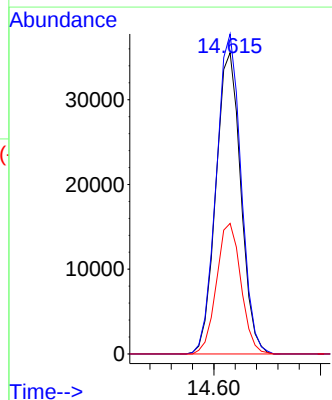
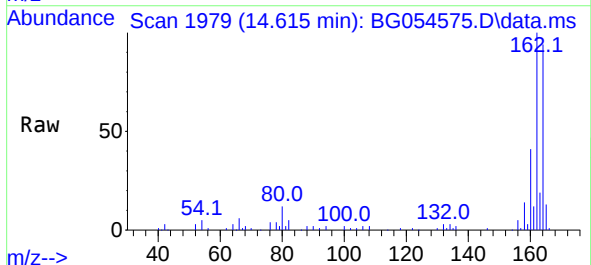
Instrument :
BNA_G
ClientSampleId :
RVE-195

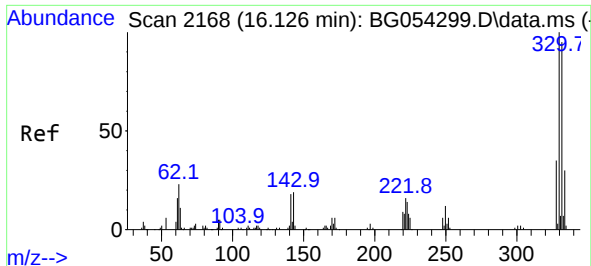
Tgt Ion: 82 Resp: 85897
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 52.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:164 Resp: 57533
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 43.3 34.2 51.2

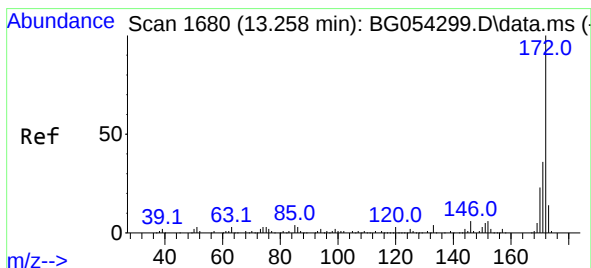
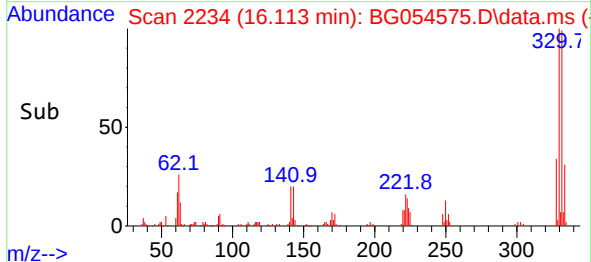
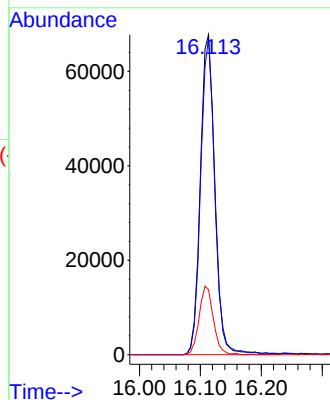
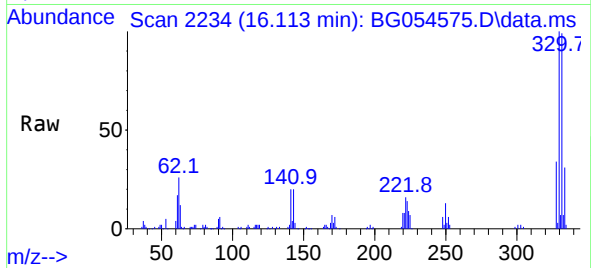




#42
2,4,6-Tribromophenol
Concen: 92.858 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

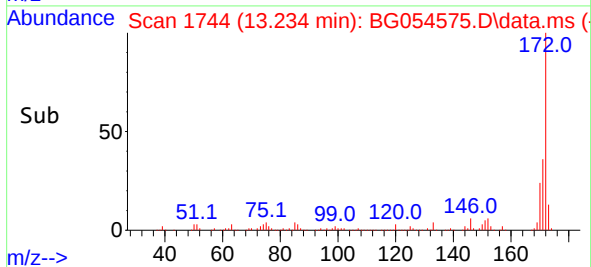
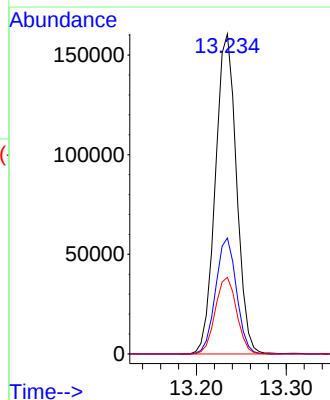
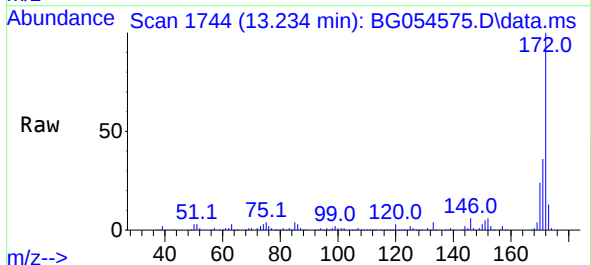
Instrument :
BNA_G
ClientSampleId :
RVE-195

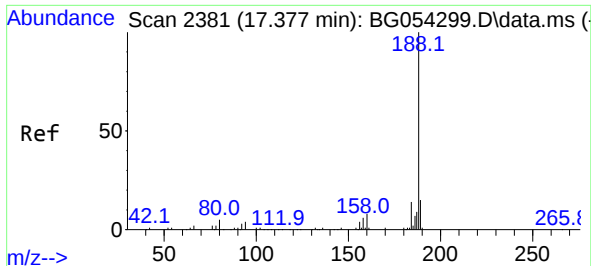
Tgt Ion:330 Resp: 112170
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 64.257 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:172 Resp: 262063
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.0 18.9 28.3

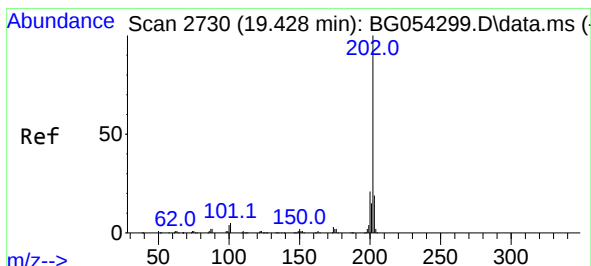
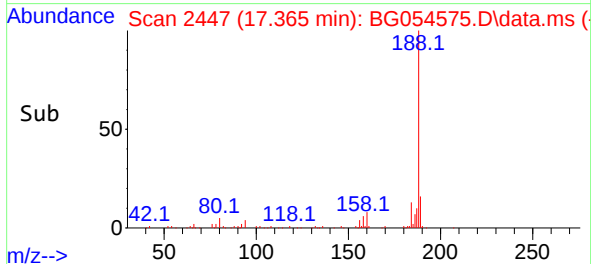
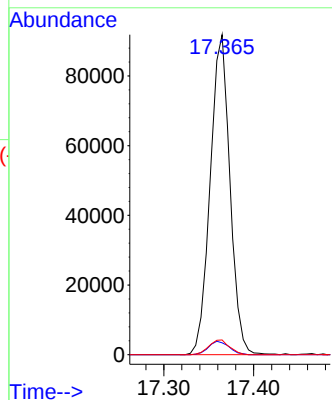
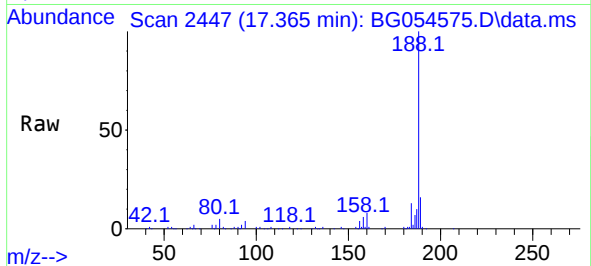




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

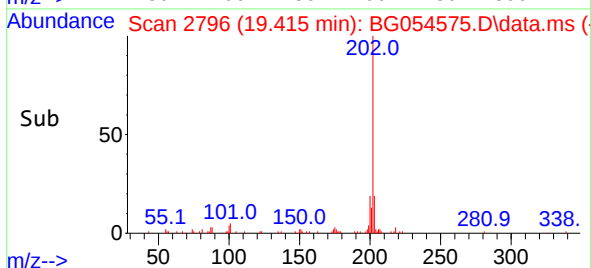
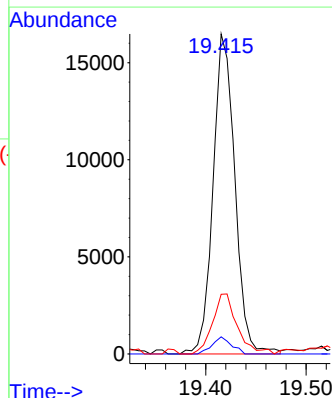
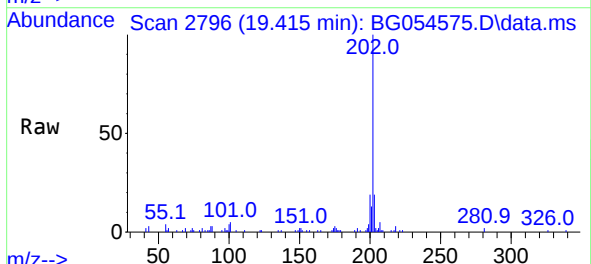
Instrument :
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ClientSampleId :
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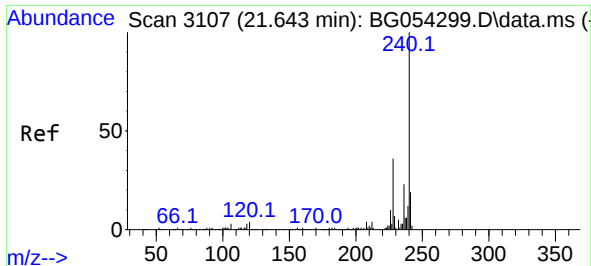
Tgt Ion:188 Resp: 140105
Ion Ratio Lower Upper
188 100
94 3.7 5.4 8.0#
80 4.6 6.8 10.2#



#75
Fluoranthene
Concen: 2.615 ng
RT: 19.415 min Scan# 2796
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:202 Resp: 24872
Ion Ratio Lower Upper
202 100
101 5.3 0.0 26.9
203 18.7 0.0 37.2

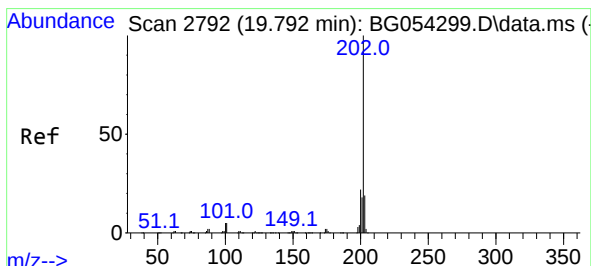
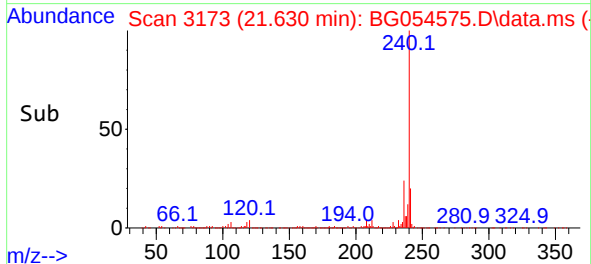
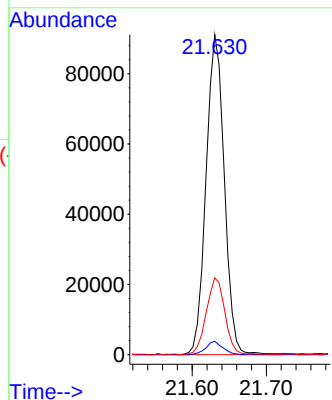
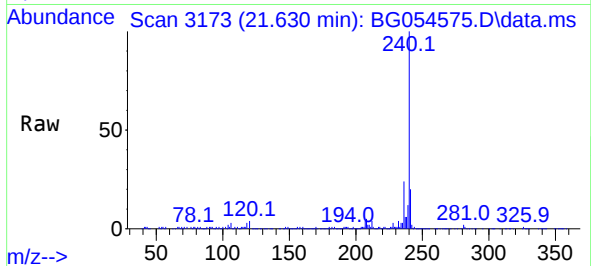




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

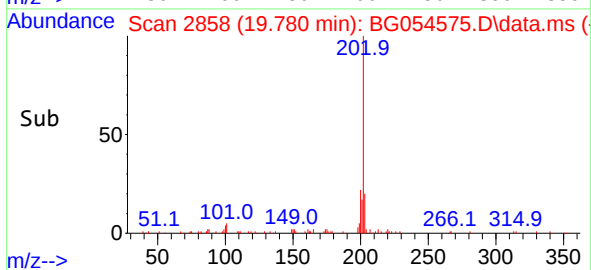
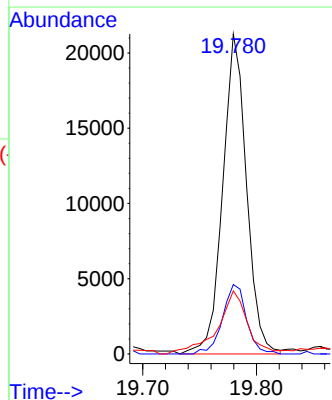
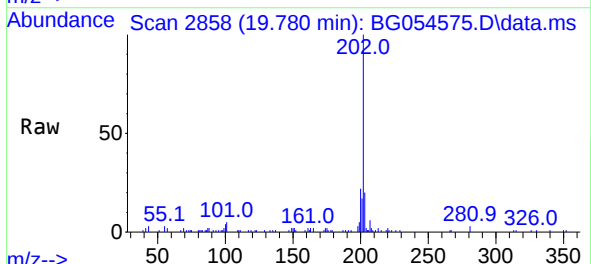
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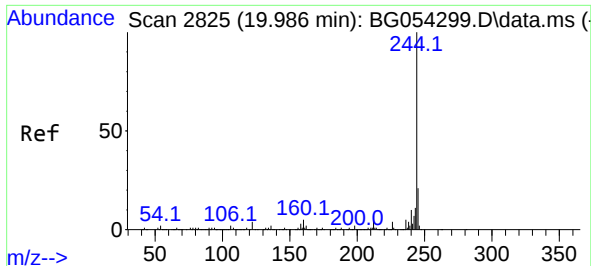
Tgt Ion:240 Resp: 156262
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 24.0 20.2 30.4



#78
Pyrene
Concen: 3.447 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.002 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Tgt Ion:202 Resp: 30903
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 19.7 14.6 21.8

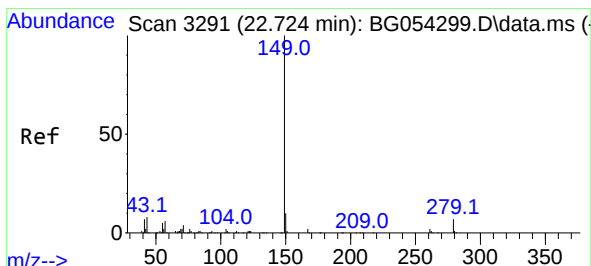
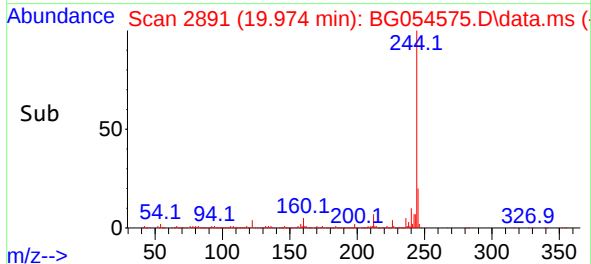
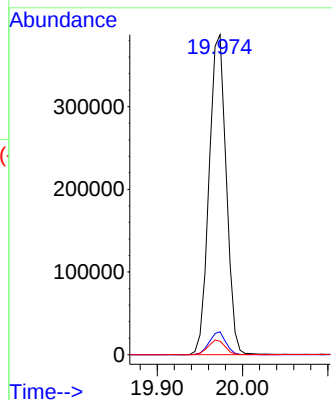
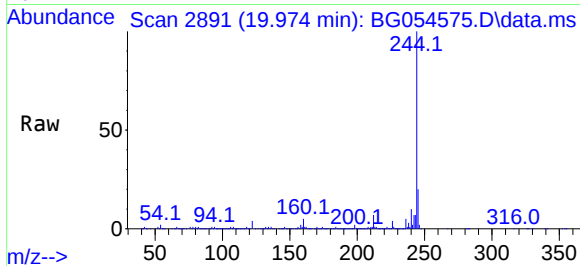




#79
 Terphenyl-d14
 Concen: 68.659 ng
 RT: 19.974 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

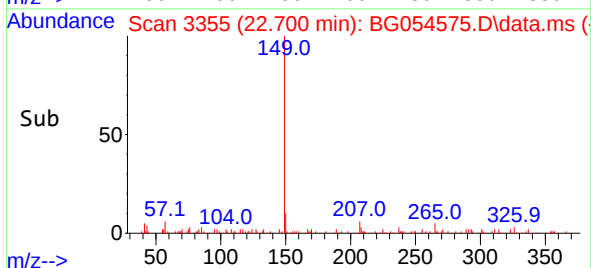
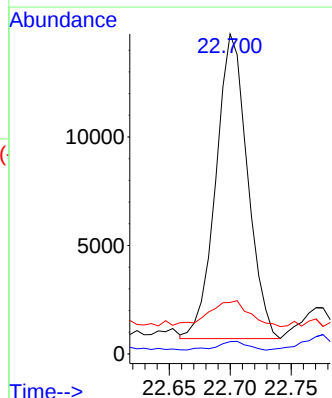
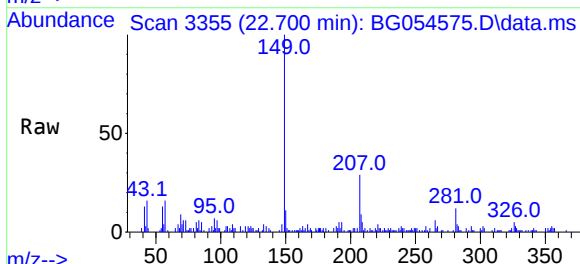
Instrument :
 BNA_G
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 RVE-195

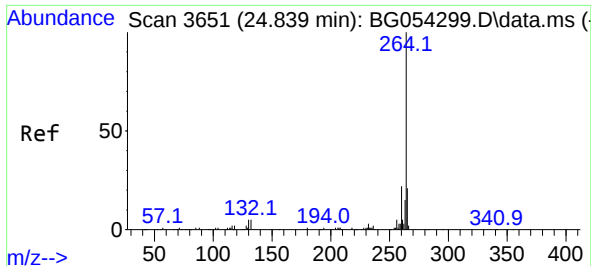
Tgt Ion:244 Resp: 540818
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.2 5.0 7.4#



#85
 Di-n-octyl phthalate
 Concen: 3.756 ng
 RT: 22.700 min Scan# 3355
 Delta R.T. 0.009 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

Tgt Ion:149 Resp: 25335
 Ion Ratio Lower Upper
 149 100
 167 4.1 1.3 1.9#
 43 10.5 9.0 13.4

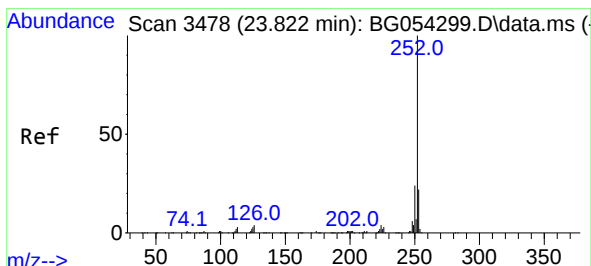
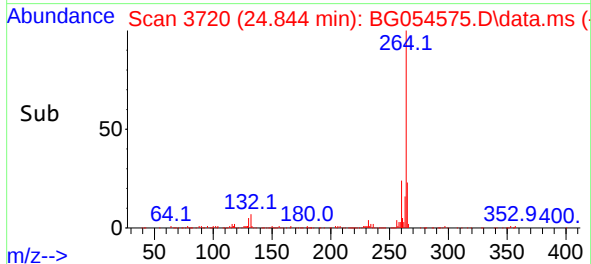
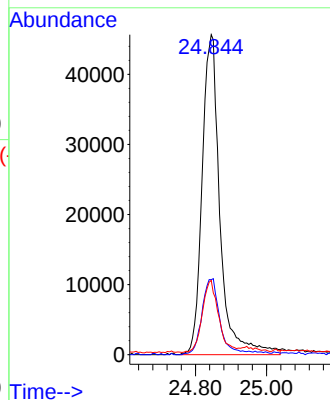
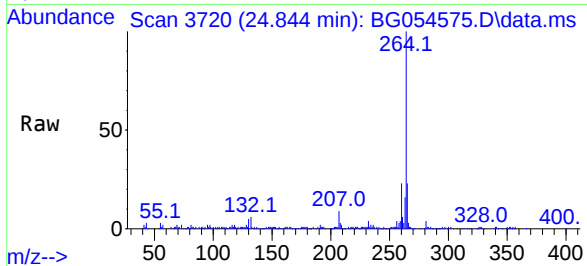




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.844 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

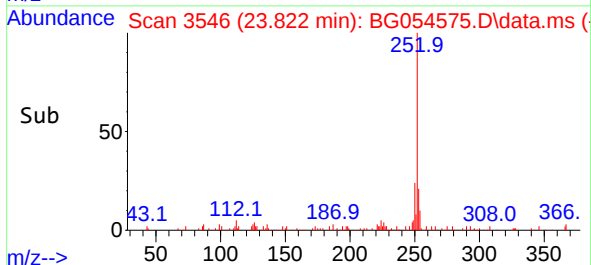
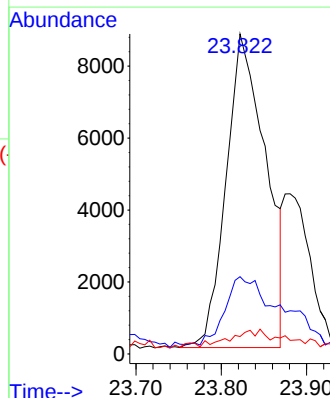
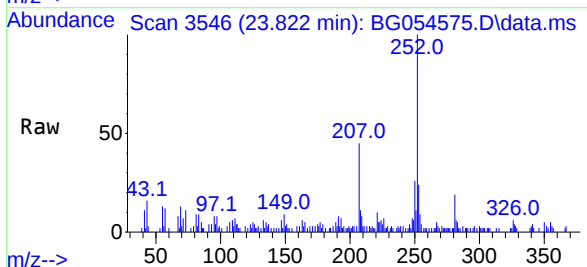
Instrument :
 BNA_G
 ClientSampleId :
 RVE-195

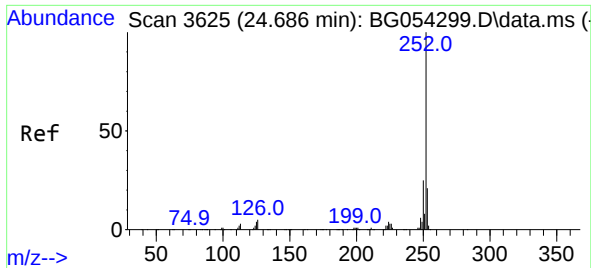
Tgt Ion:264 Resp: 159688
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 23.2 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.966 ng
 RT: 23.822 min Scan# 3546
 Delta R.T. 0.004 min
 Lab File: BG054575.D
 Acq: 9 Aug 2022 18:38

Tgt Ion:252 Resp: 28008
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.0 27.0
 125 5.4 4.6 6.8





#90
Benzo(a)pyrene
Concen: 2.248 ng
RT: 24.692 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG054575.D
Acq: 9 Aug 2022 18:38

Instrument :
BNA_G
ClientSampleId :
RVE-195

Tgt Ion:252 Resp: 18132
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 9.2 4.3 6.5#

