

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054505.D
 Acq On : 3 Aug 2022 18:48
 Operator : CG/JU
 Sample : N3935-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-135

Quant Time: Aug 04 00:44:23 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)

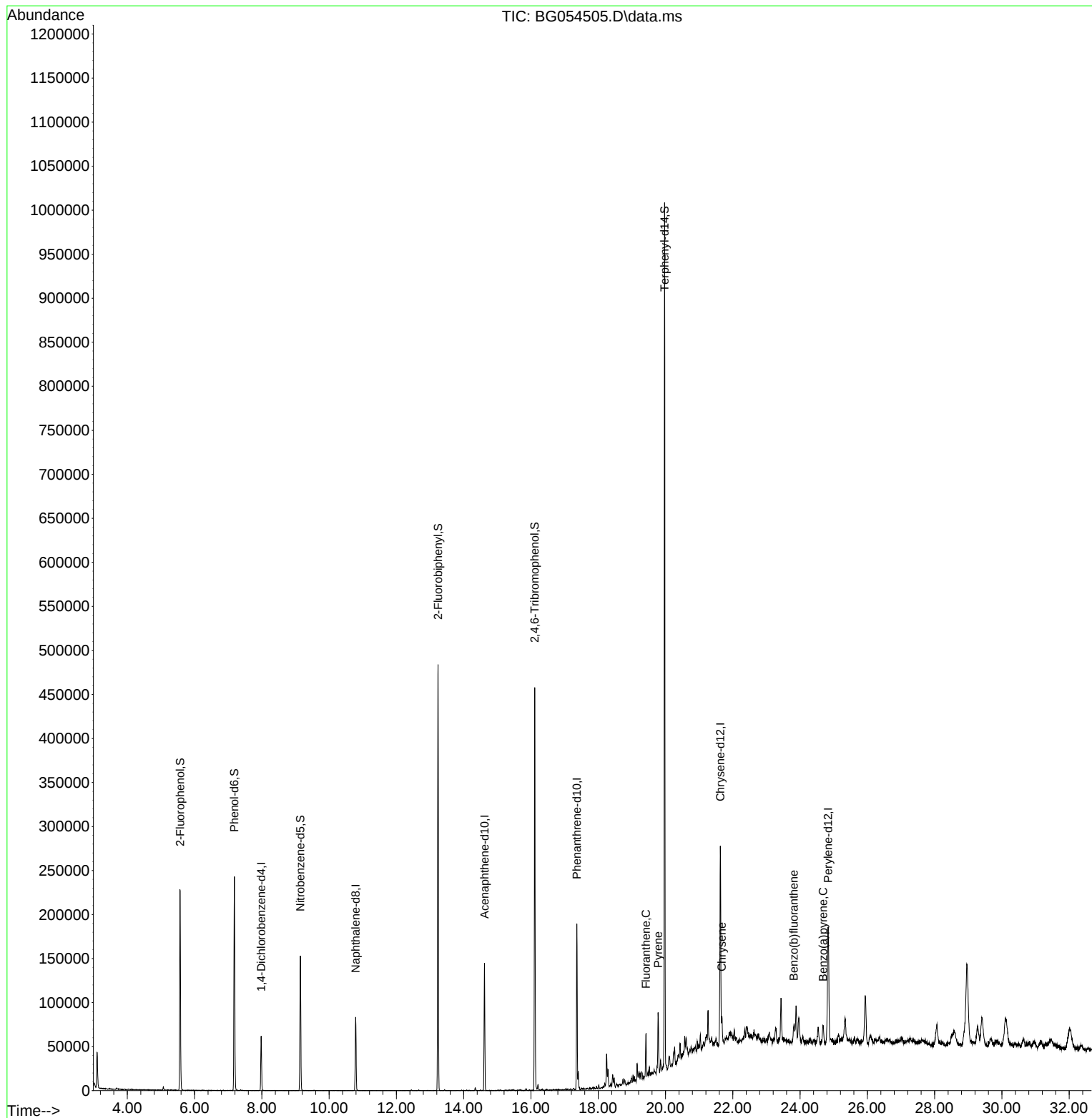
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	19571	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	75407	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	55788	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	134073	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	145675	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	156214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	105274	112.309	ng	0.01
7) Phenol-d6	7.182	99	140172	109.133	ng	0.01
23) Nitrobenzene-d5	9.145	82	95513	68.977	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	121085	103.373	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	286844	72.533	ng	0.00
79) Terphenyl-d14	19.973	244	553847	75.423	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.421	202	31067	3.413	ng	93
78) Pyrene	19.779	202	47100	5.635	ng	98
83) Chrysene	21.677	228	27830	3.185	ng	# 90
88) Benzo(b)fluoranthene	23.816	252	28367	3.071	ng	# 91
90) Benzo(a)pyrene	24.685	252	23094	2.927	ng	# 90

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

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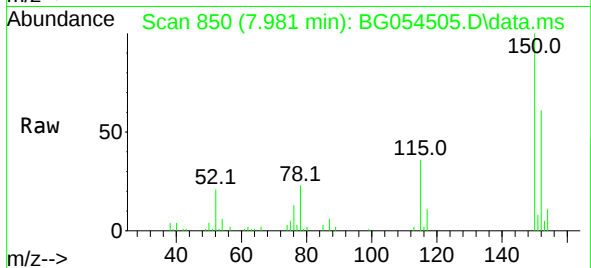
Quant Time: Aug 04 00:44:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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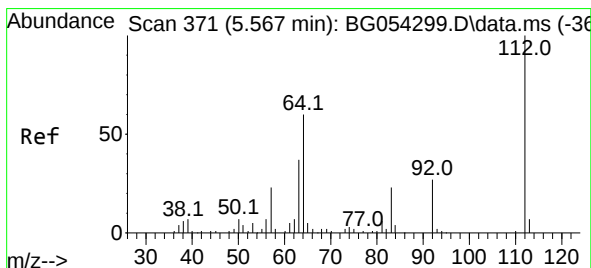
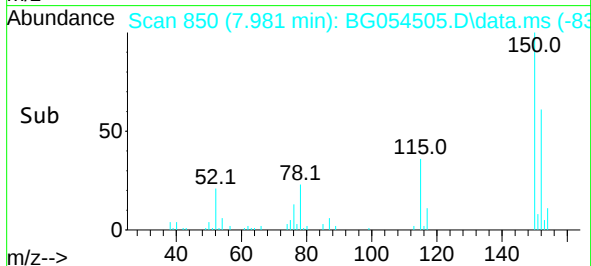
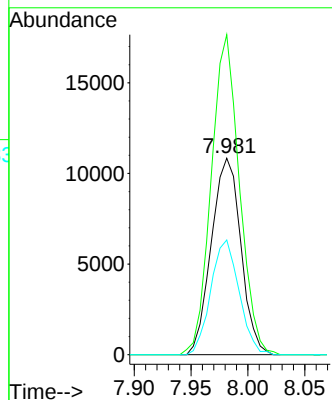


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Instrument :
BNA_G
ClientSampleId :
RVE-135

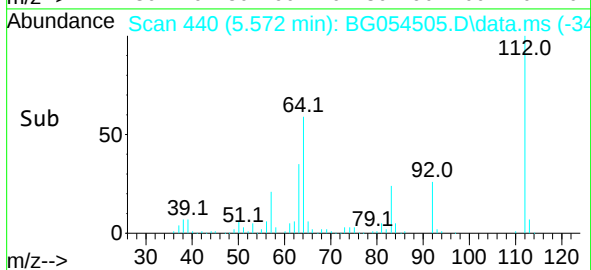
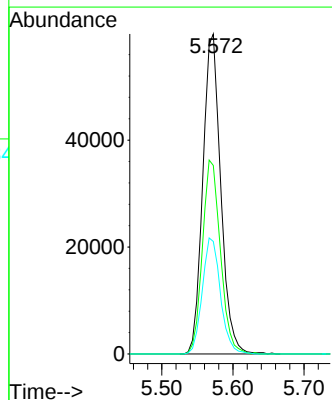
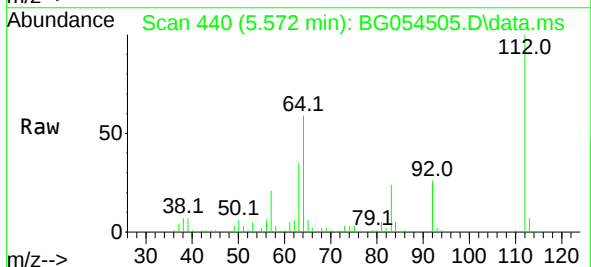


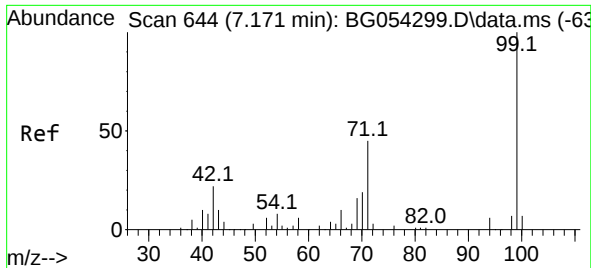
Tgt Ion:152 Resp: 19571
Ion Ratio Lower Upper
152 100
150 162.9 131.6 197.4
115 58.4 50.9 76.3



#5
2-Fluorophenol
Concen: 112.309 ng
RT: 5.572 min Scan# 440
Delta R.T. 0.011 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion:112 Resp: 105274
Ion Ratio Lower Upper
112 100
64 58.9 55.1 82.7
63 35.2 30.4 45.6

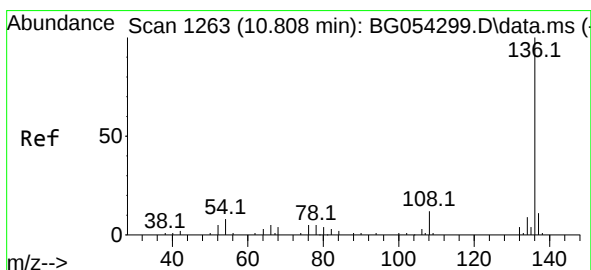
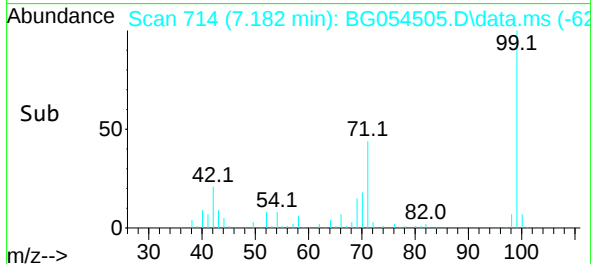
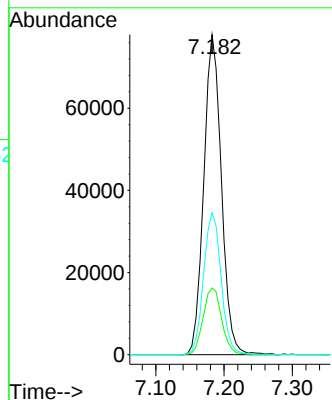
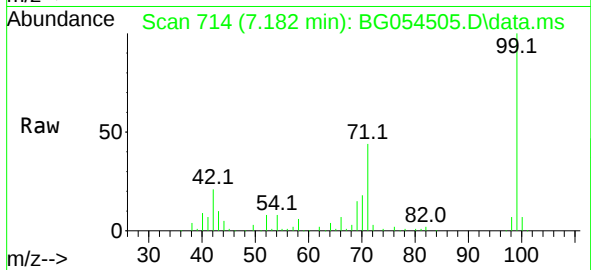




#7
Phenol-d6
Concen: 109.133 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

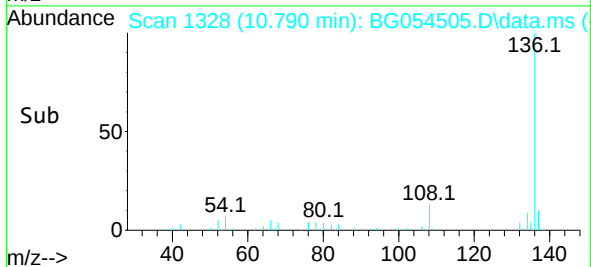
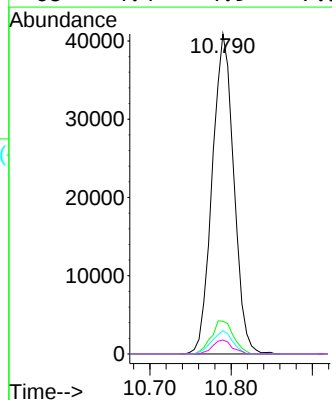
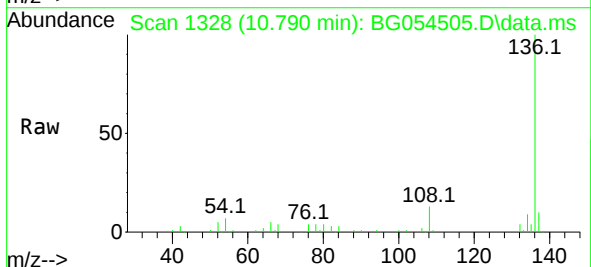
Instrument :
BNA_G
ClientSampleId :
RVE-135

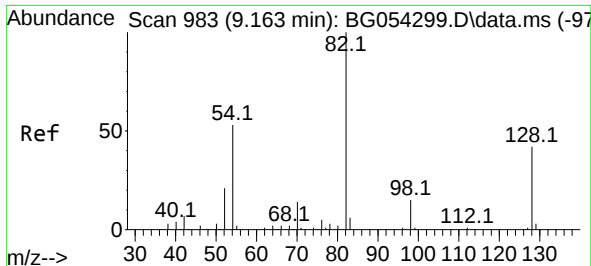
Tgt Ion: 99 Resp: 140172
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion: 136 Resp: 75407
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 7.2 7.4 11.2#
68 4.4 4.9 7.3#

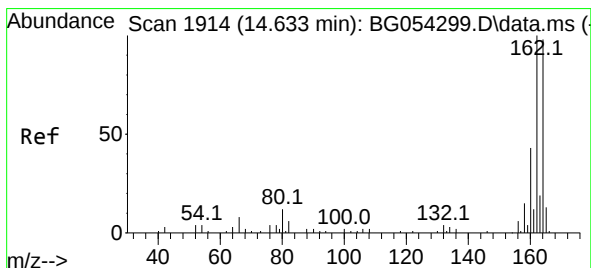
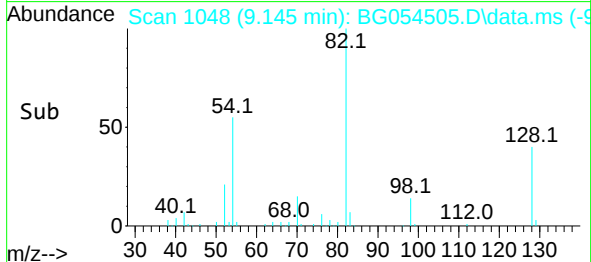
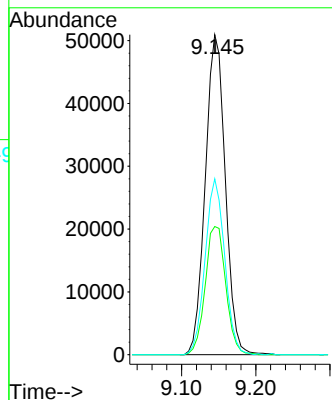
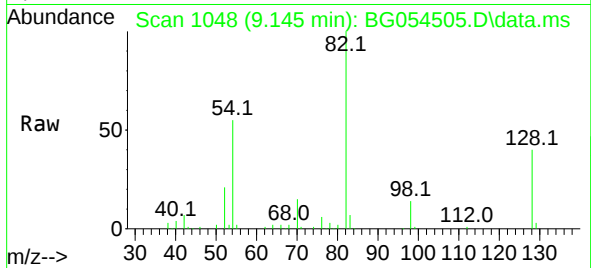




#23
Nitrobenzene-d5
Concen: 68.977 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

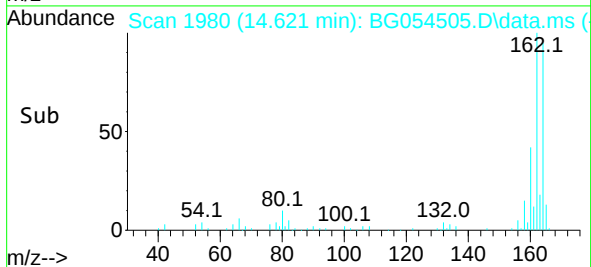
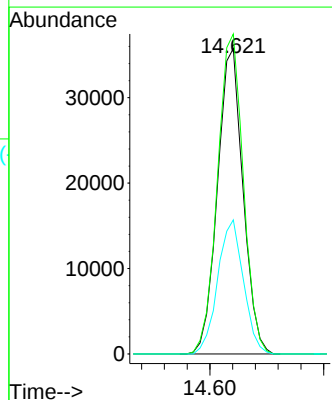
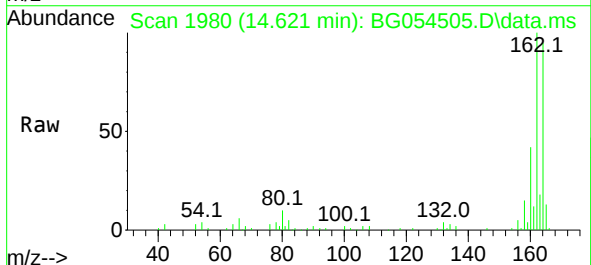
Instrument :
BNA_G
ClientSampleId :
RVE-135

Tgt Ion: 82 Resp: 95513
Ion Ratio Lower Upper
82 100
128 40.0 27.9 41.9
54 54.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion: 164 Resp: 55788
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.9 34.2 51.2

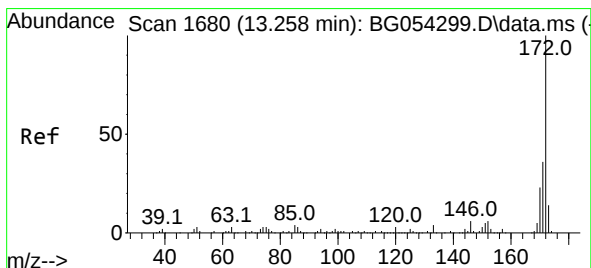
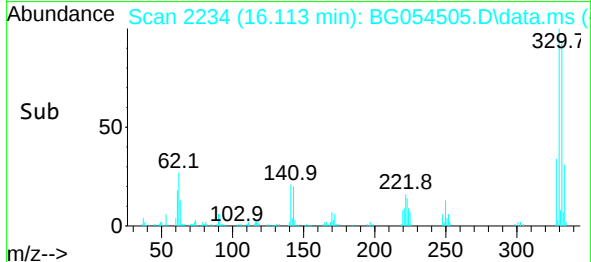
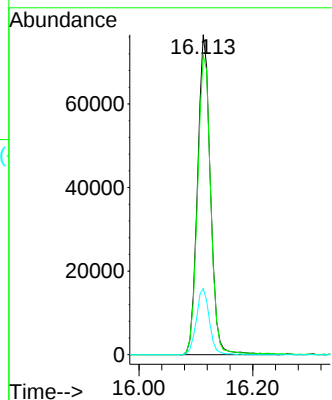
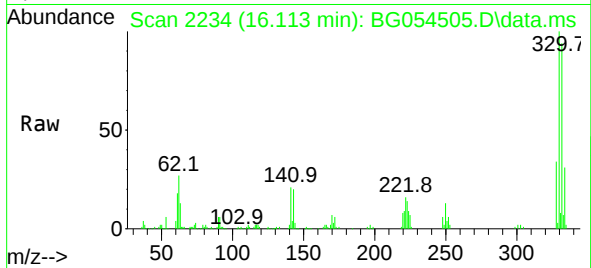




#42
2,4,6-Tribromophenol
Concen: 103.373 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

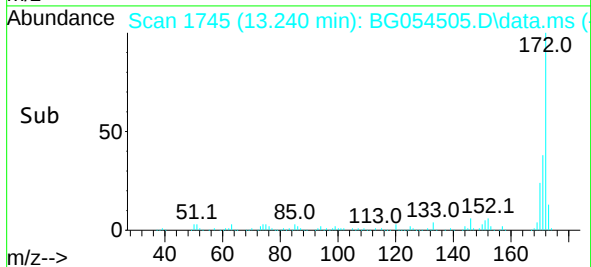
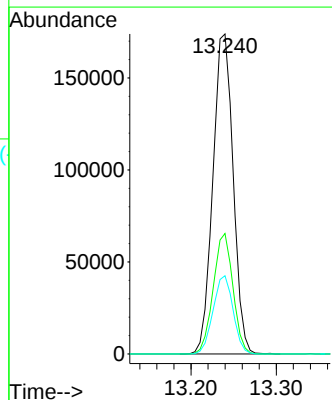
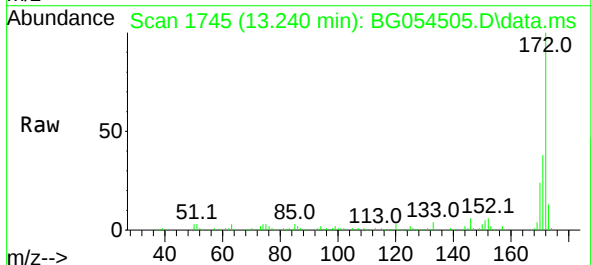
Instrument :
BNA_G
ClientSampleId :
RVE-135

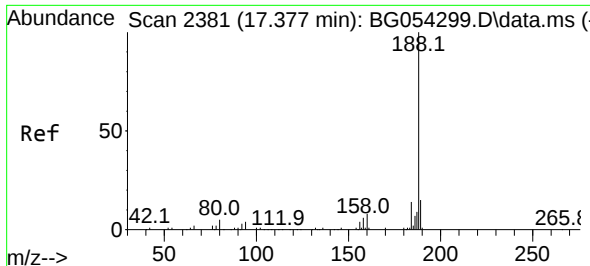
Tgt Ion:330 Resp: 121085
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 20.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 72.533 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion:172 Resp: 286844
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.5 18.9 28.3

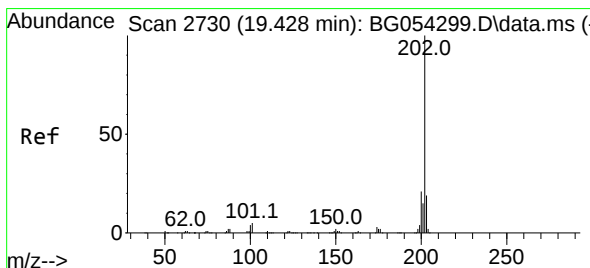
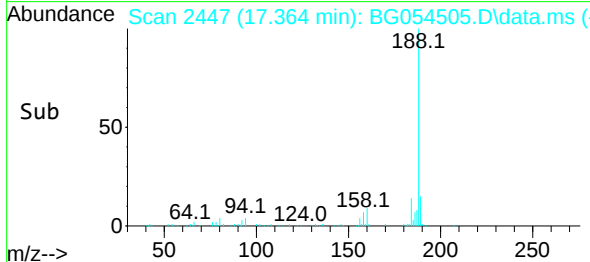
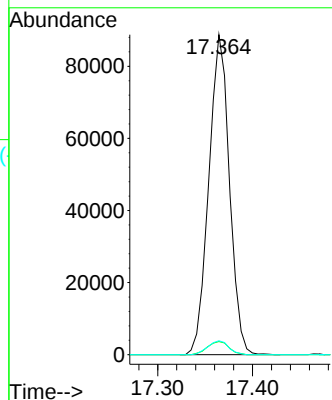
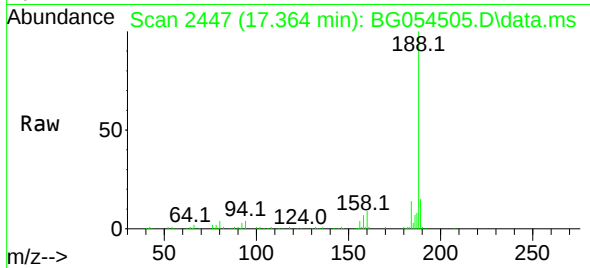




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

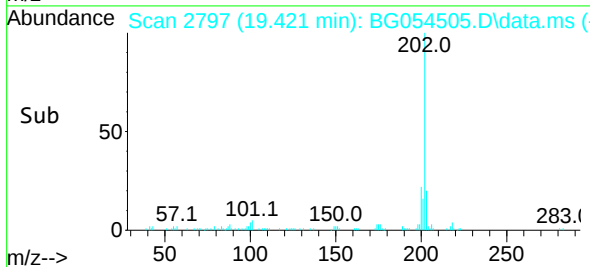
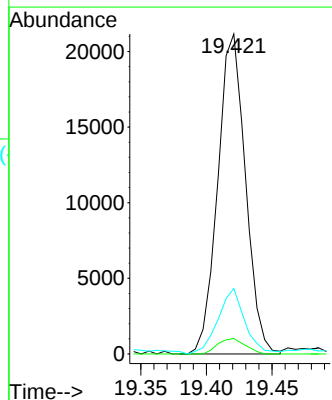
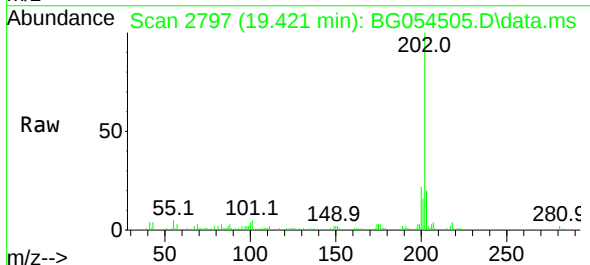
Instrument :
BNA_G
ClientSampleId :
RVE-135

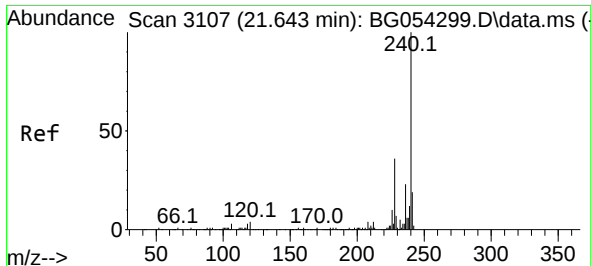
Tgt Ion:188 Resp: 134073
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.4 6.8 10.2#



#75
Fluoranthene
Concen: 3.413 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion:202 Resp: 31067
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 20.4 0.0 37.2

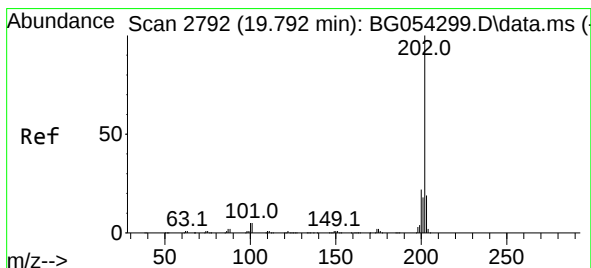
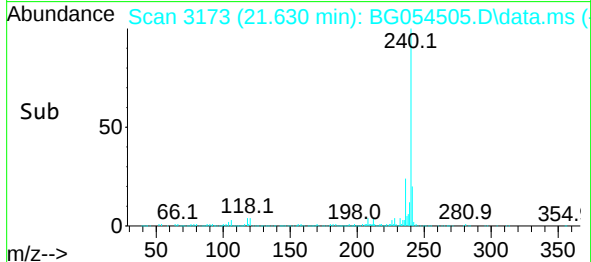
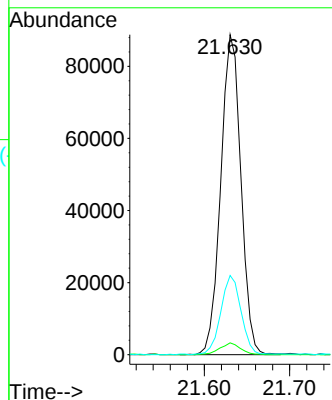
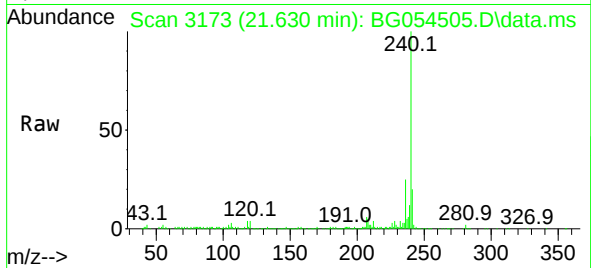




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

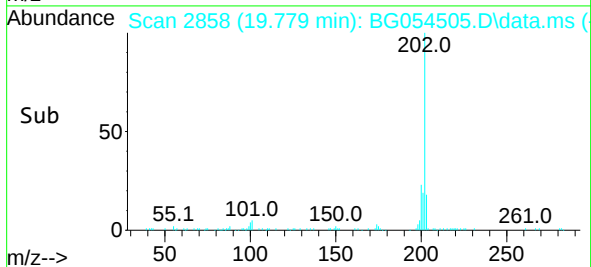
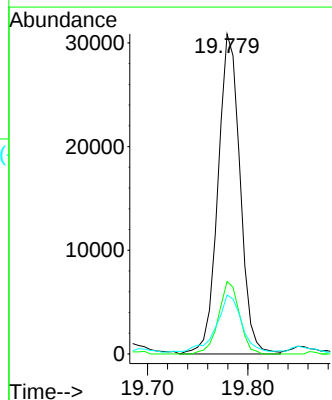
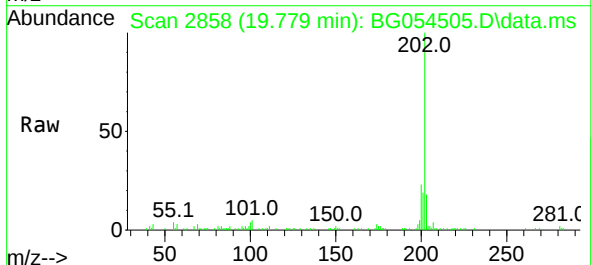
Instrument :
BNA_G
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RVE-135

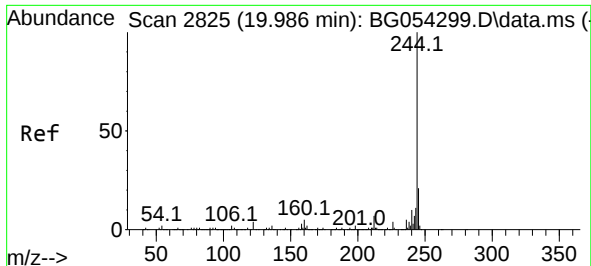
Tgt Ion:240 Resp: 145675
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.8 20.2 30.4



#78
Pyrene
Concen: 5.635 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054505.D
Acq: 3 Aug 2022 18:48

Tgt Ion:202 Resp: 47100
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 18.5 14.6 21.8

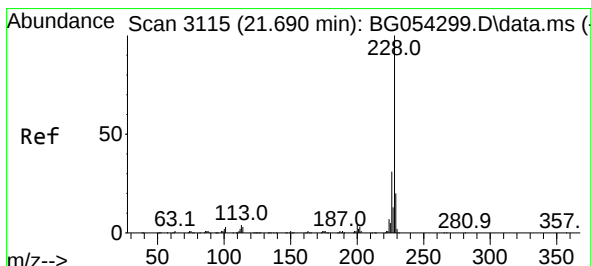
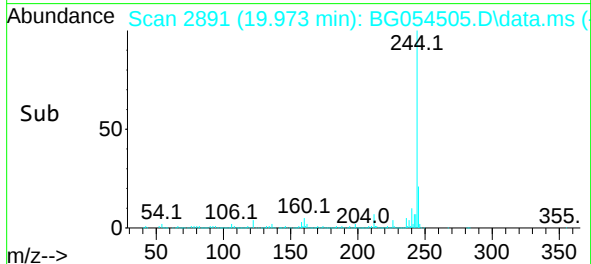
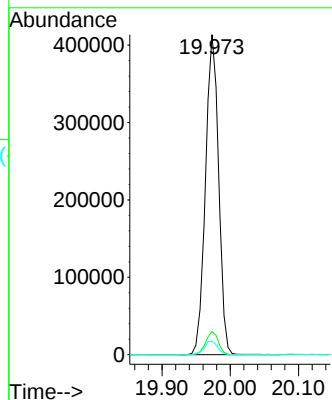
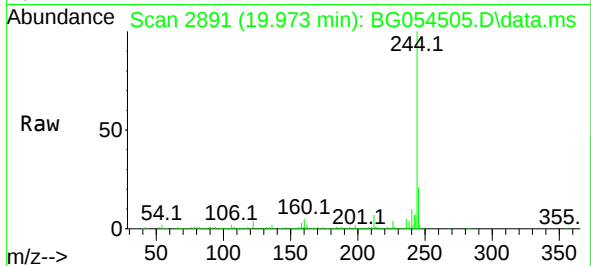




#79
 Terphenyl-d14
 Concen: 75.423 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054505.D
 Acq: 3 Aug 2022 18:48

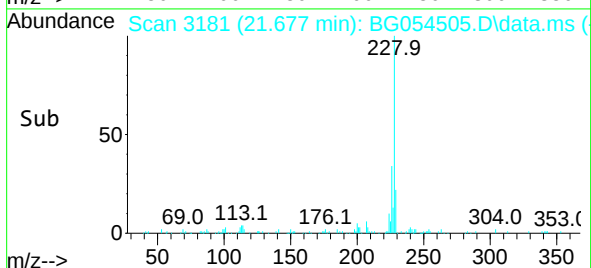
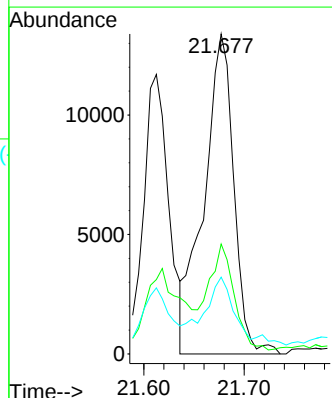
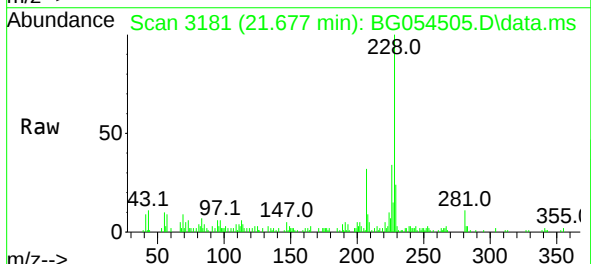
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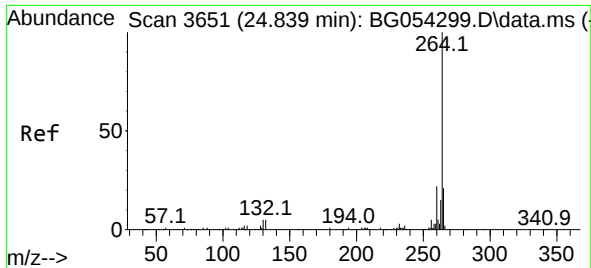
Tgt Ion:244 Resp: 553847
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.2 5.0 7.4#



#83
 Chrysene
 Concen: 3.185 ng
 RT: 21.677 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: BG054505.D
 Acq: 3 Aug 2022 18:48

Tgt Ion:228 Resp: 27830
 Ion Ratio Lower Upper
 228 100
 226 34.3 23.4 35.2
 229 24.0 15.5 23.3#

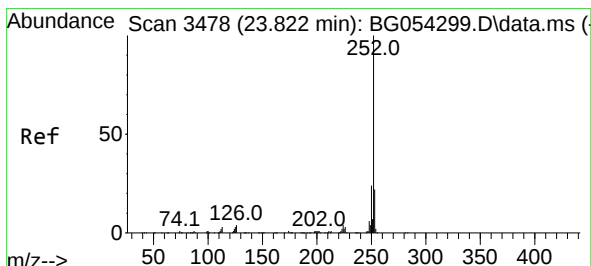
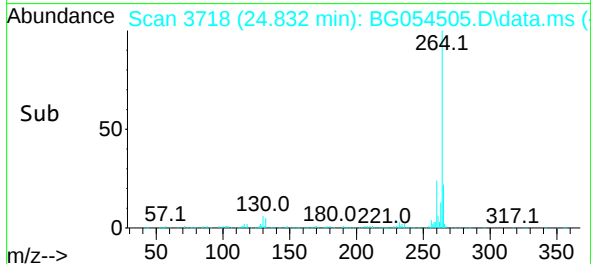
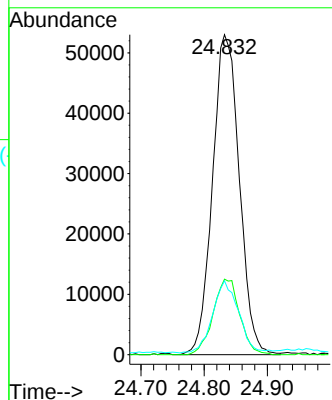
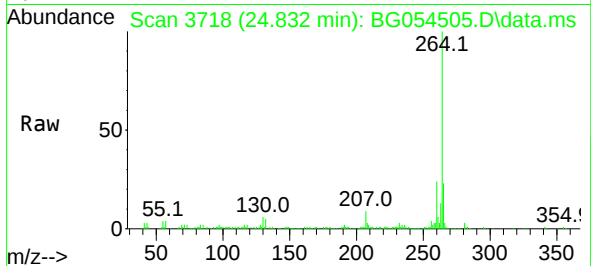




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.832 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG054505.D
 Acq: 3 Aug 2022 18:48

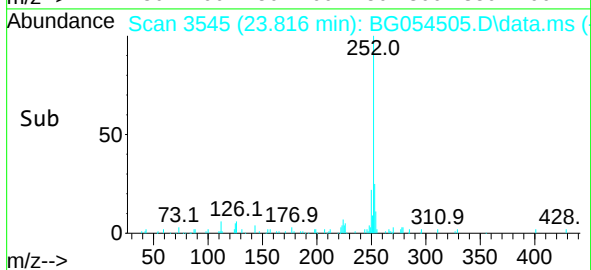
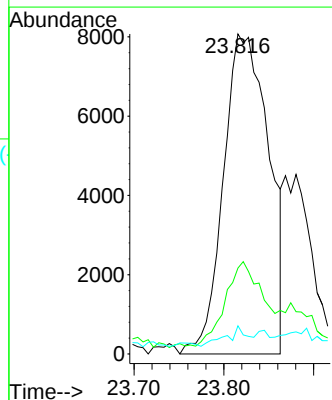
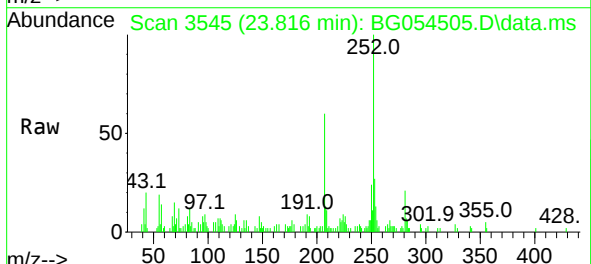
Instrument :
 BNA_G
 ClientSampleId :
 RVE-135

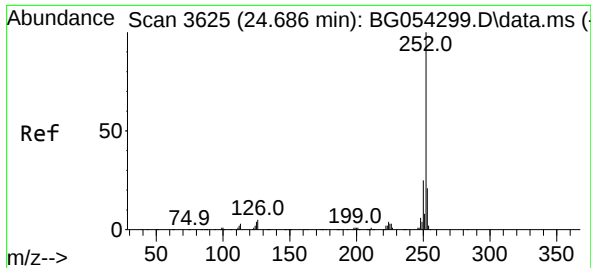
Tgt Ion:264 Resp: 156214
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 23.1 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 3.071 ng
 RT: 23.816 min Scan# 3545
 Delta R.T. -0.007 min
 Lab File: BG054505.D
 Acq: 3 Aug 2022 18:48

Tgt Ion:252 Resp: 28367
 Ion Ratio Lower Upper
 252 100
 253 26.9 18.0 27.0
 125 8.8 4.6 6.8#





#90
 Benzo(a)pyrene
 Concen: 2.927 ng
 RT: 24.685 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG054505.D
 Acq: 3 Aug 2022 18:48

Instrument :
 BNA_G
 ClientSampleId :
 RVE-135

Tgt Ion:252 Resp: 23094
 Ion Ratio Lower Upper
 252 100
 253 27.5 17.8 26.8#
 125 7.6 4.3 6.5#

