

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
 Data File : BG054557.D
 Acq On : 8 Aug 2022 17:34
 Operator : CG/JU
 Sample : N3960-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-162

Quant Time: Aug 09 01:55:22 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)

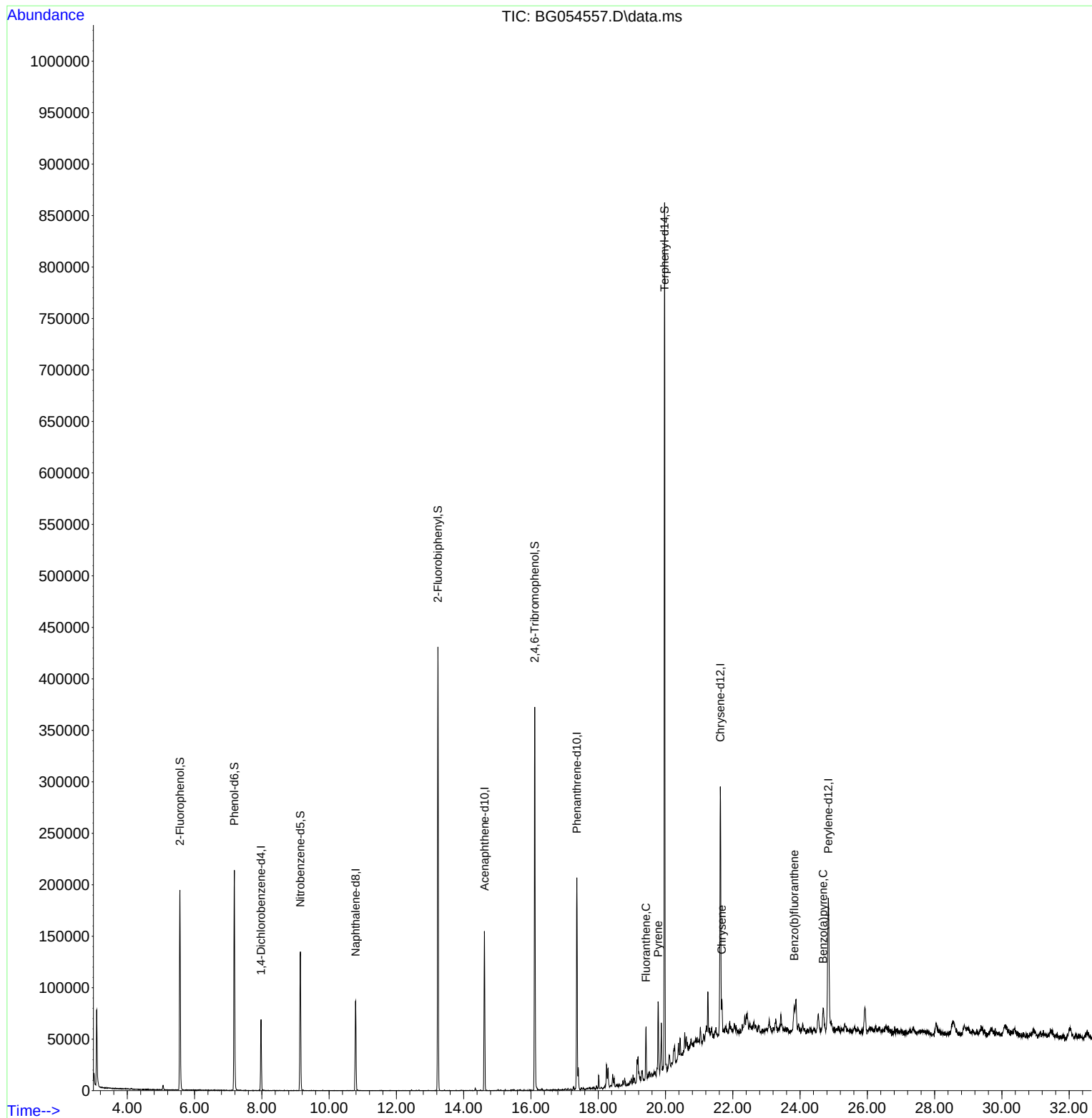
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	20682	20.00	ng	0.00
21) Naphthalene-d8	10.790	136	81626	20.00	ng	# 0.00
39) Acenaphthene-d10	14.621	164	61628	20.00	ng	0.00
64) Phenanthrene-d10	17.365	188	150063	20.00	ng	# 0.00
76) Chrysene-d12	21.630	240	162876	20.00	ng	# 0.00
86) Perylene-d12	24.838	264	170933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	91960	92.84	ng	0.00
7) Phenol-d6	7.182	99	123578	91.04	ng	0.00
23) Nitrobenzene-d5	9.145	82	85282	56.90	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	102294	79.06	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	257024	58.83	ng	0.00
79) Terphenyl-d14	19.973	244	482173	58.73	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.421	202	34417	3.38	ng	93
78) Pyrene	19.779	202	48915	5.23	ng	96
83) Chrysene	21.677	228	27643	2.83	ng	96
88) Benzo(b)fluoranthene	23.828	252	33054	3.27	ng	98
90) Benzo(a)pyrene	24.686	252	24214	2.80	ng	98

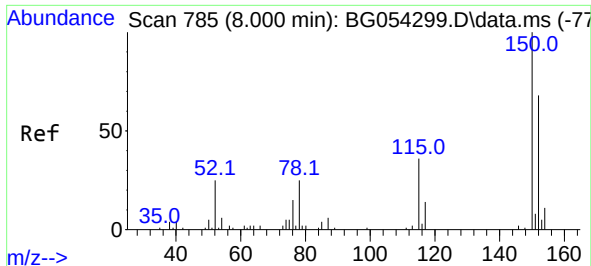
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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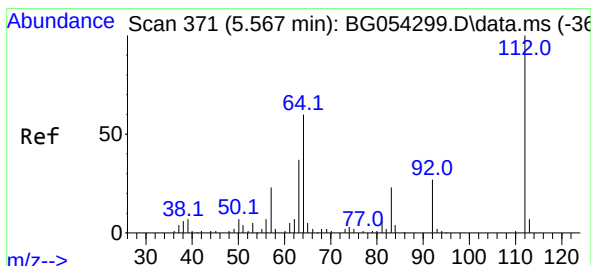
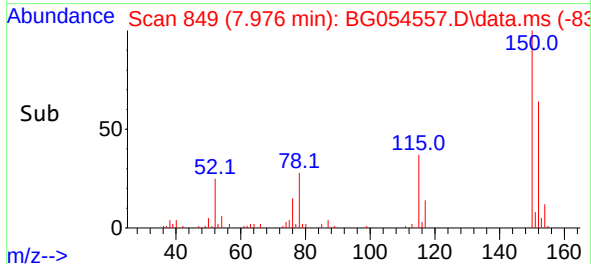
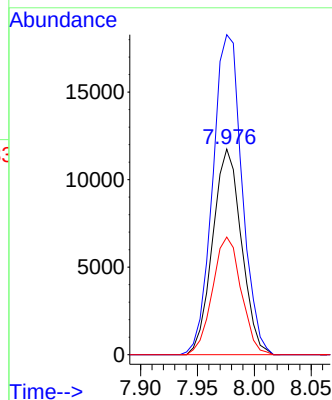
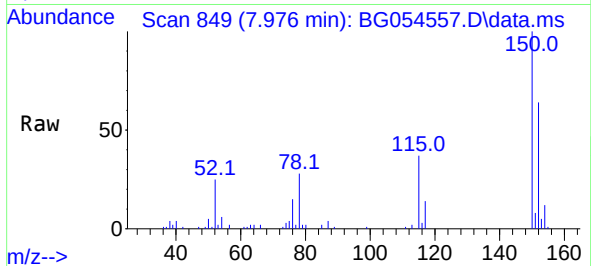




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

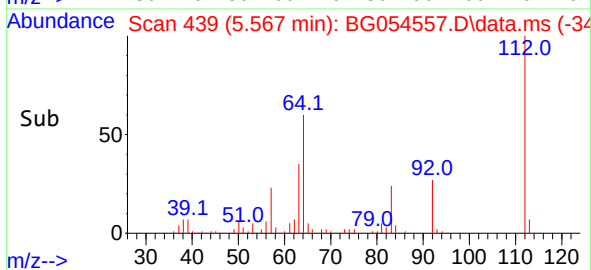
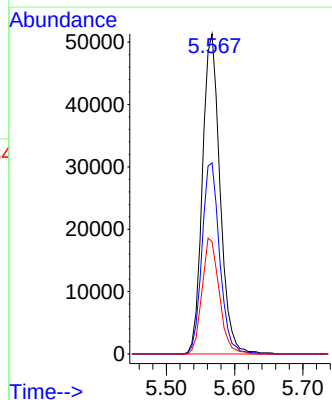
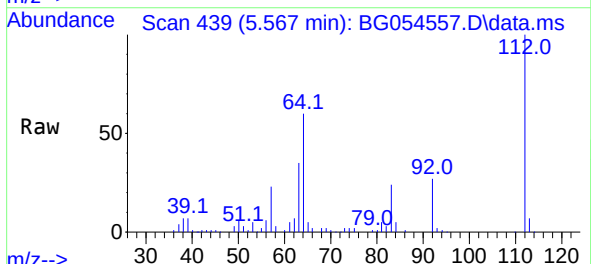
Instrument :
BNA_G
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RVE-162

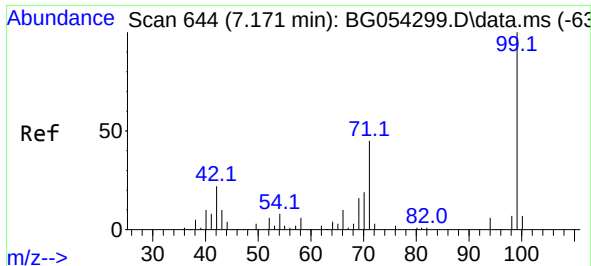
Tgt Ion:152 Resp: 20682
Ion Ratio Lower Upper
152 100
150 155.7 131.6 197.4
115 57.2 50.9 76.3



#5
2-Fluorophenol
Concen: 92.84 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:112 Resp: 91960
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 35.1 30.4 45.6

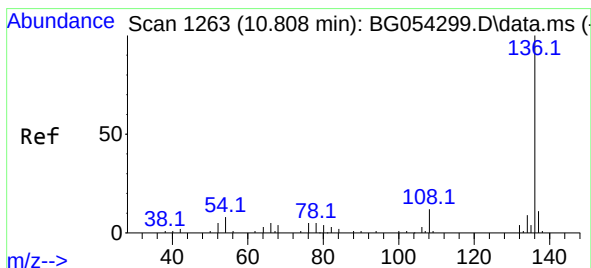
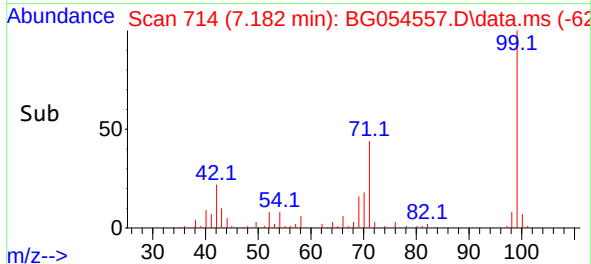
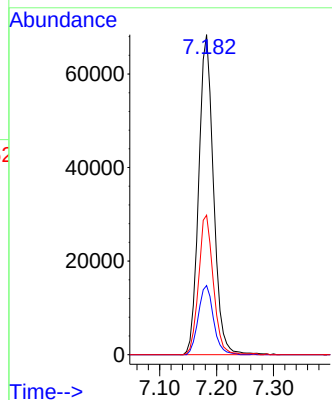
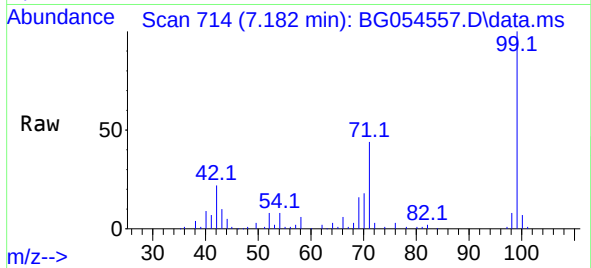




#7
Phenol-d6
Concen: 91.04 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

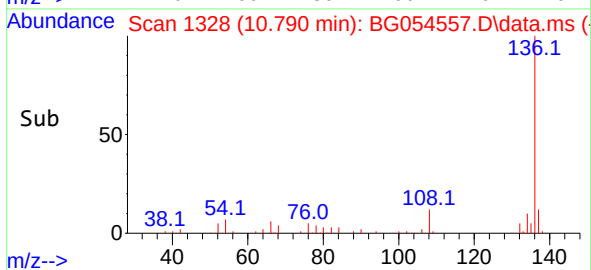
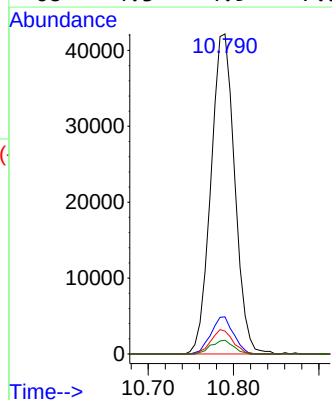
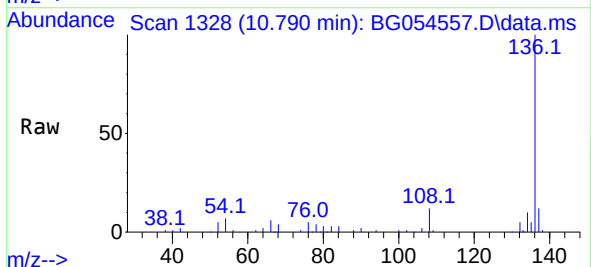
Instrument :
BNA_G
ClientSampleId :
RVE-162

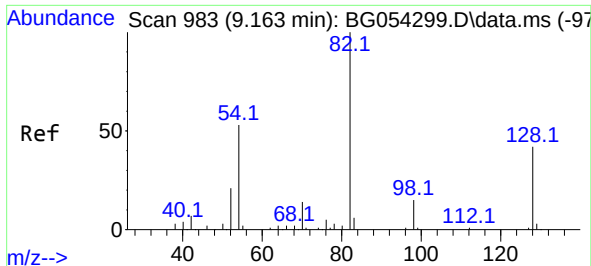
Tgt Ion: 99 Resp: 123578
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.790 min Scan# 1328
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion: 136 Resp: 81626
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 7.2 7.4 11.2#
68 4.3 4.9 7.3#

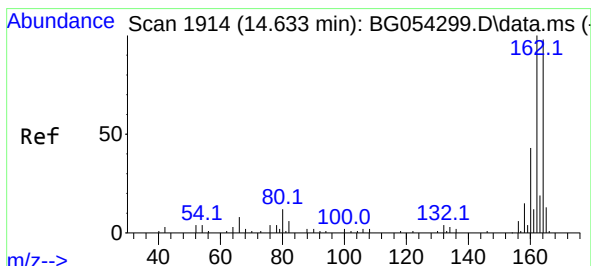
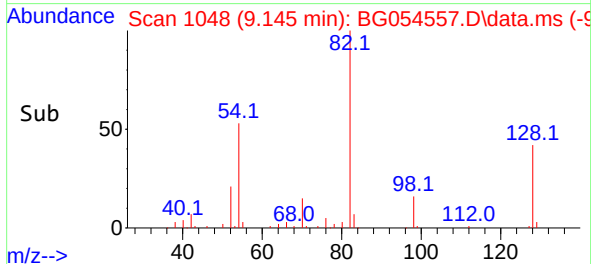
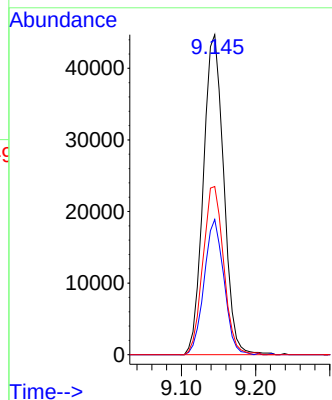
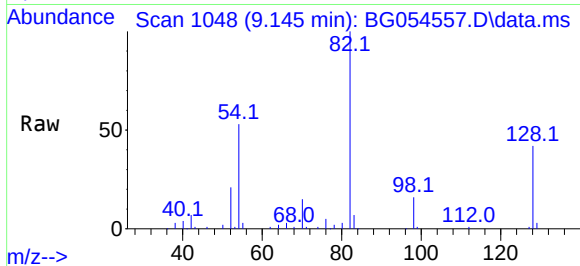




#23
Nitrobenzene-d5
Concen: 56.90 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

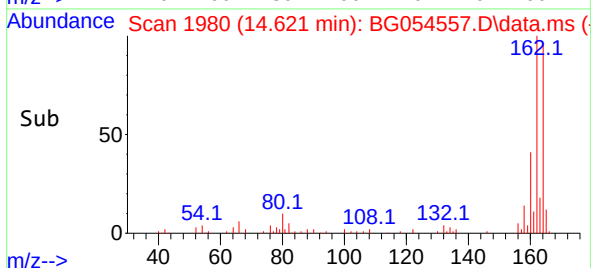
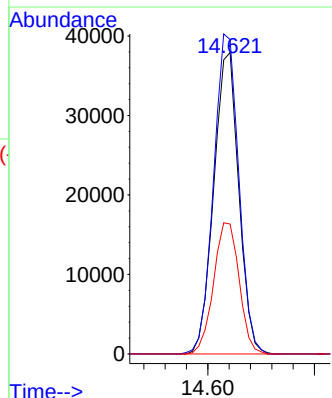
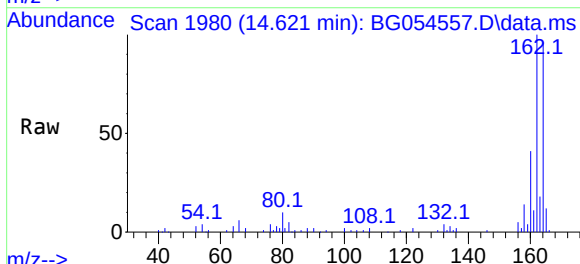
Instrument :
BNA_G
ClientSampleId :
RVE-162

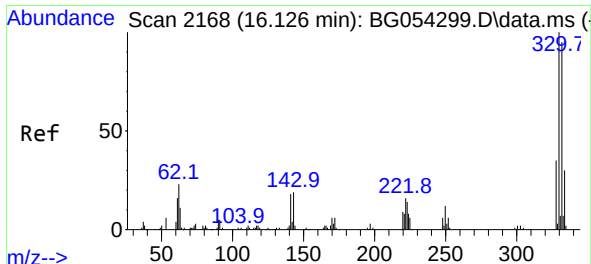
Tgt Ion: 82 Resp: 85282
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9#
54 52.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:164 Resp: 61628
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.1 34.2 51.2

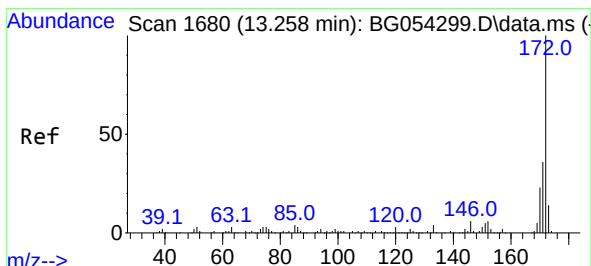
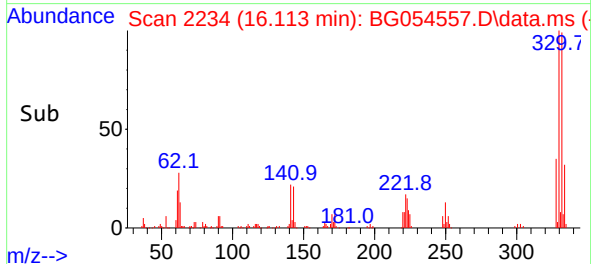
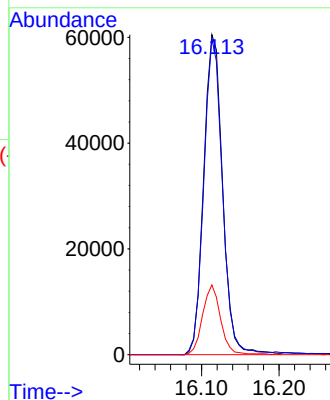
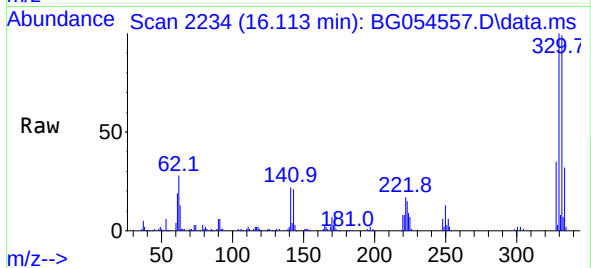




#42
2,4,6-Tribromophenol
Concen: 79.06 ng
RT: 16.113 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

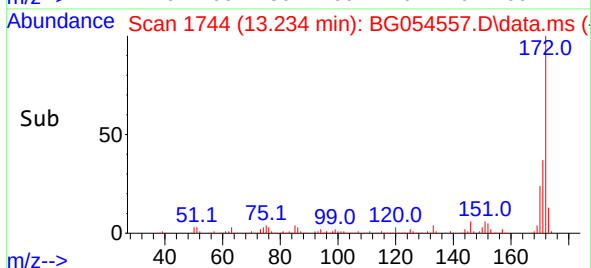
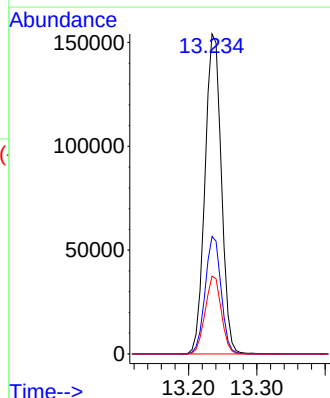
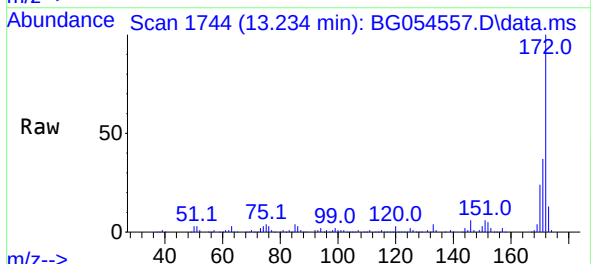
Instrument :
BNA_G
ClientSampleId :
RVE-162

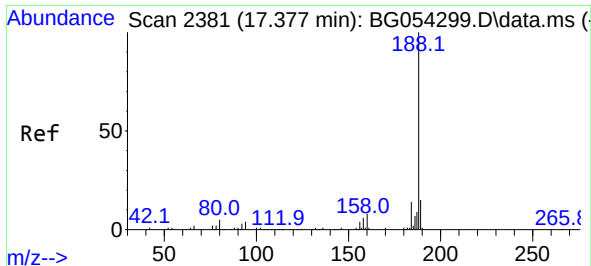
Tgt Ion:330 Resp: 102294
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 20.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 58.83 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:172 Resp: 257024
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.3 18.9 28.3

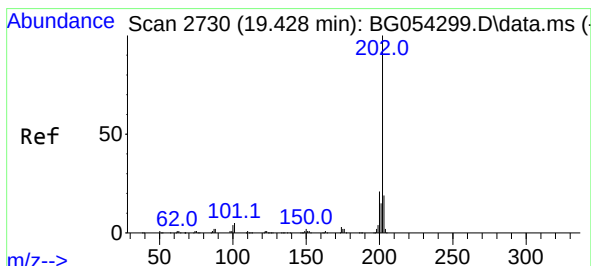
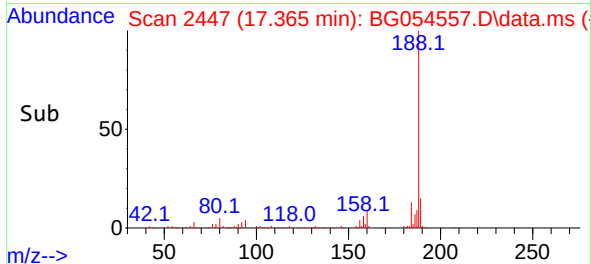
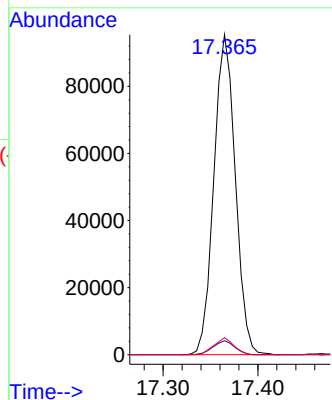
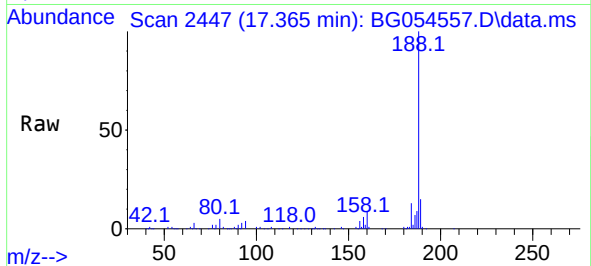




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.365 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

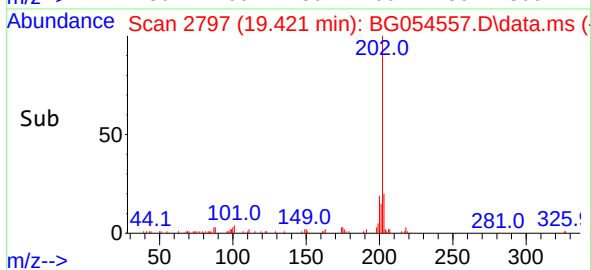
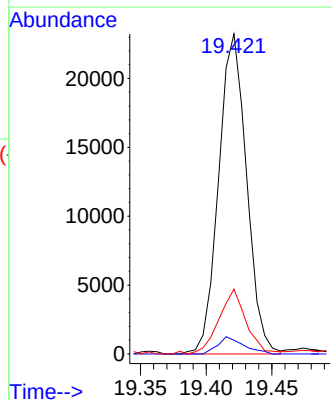
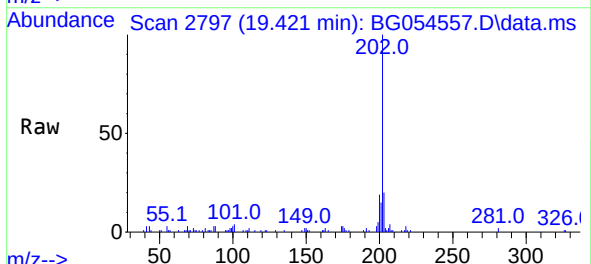
Instrument :
BNA_G
ClientSampleId :
RVE-162

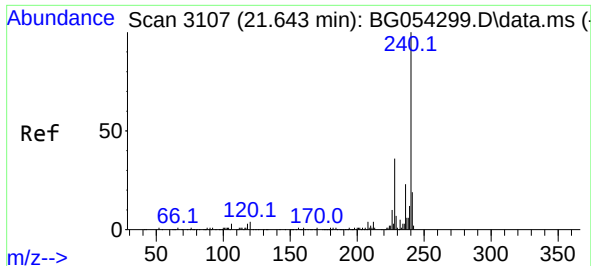
Tgt Ion:188 Resp: 150063
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.3 6.8 10.2#



#75
Fluoranthene
Concen: 3.38 ng
RT: 19.421 min Scan# 2797
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:202 Resp: 34417
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 20.3 0.0 37.2

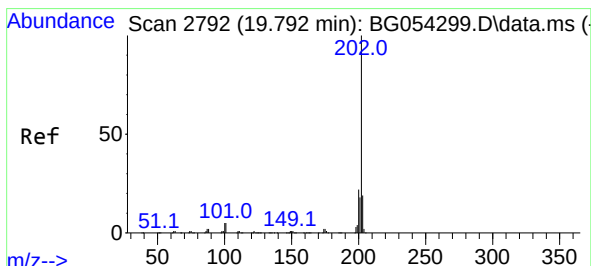
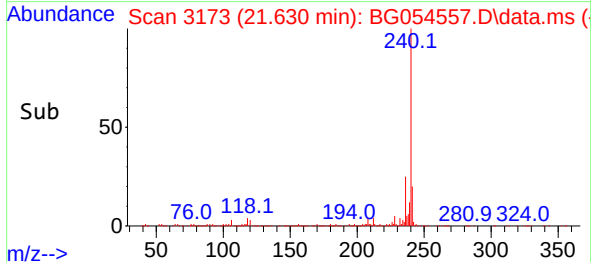
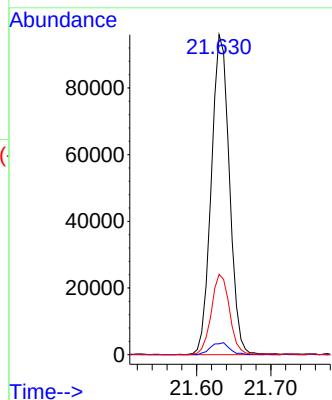
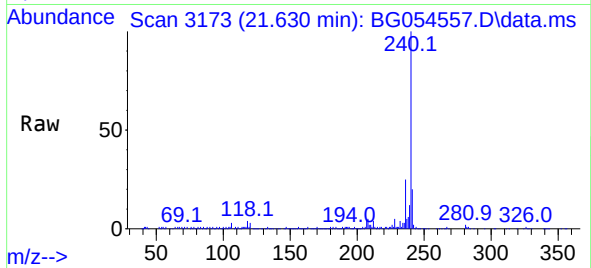




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

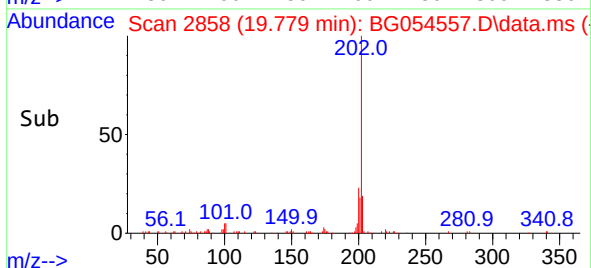
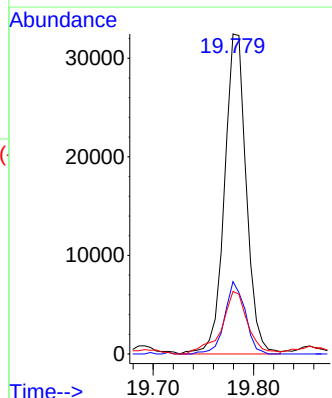
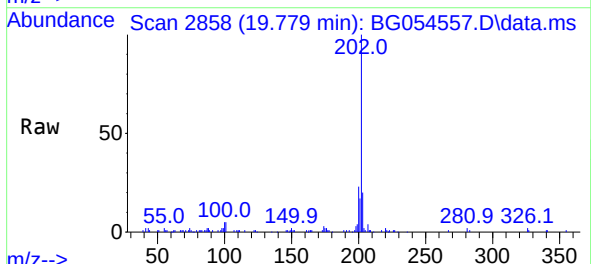
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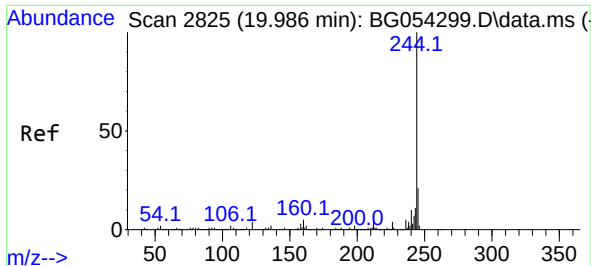
Tgt Ion:240 Resp: 162876
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 25.1 20.2 30.4



#78
Pyrene
Concen: 5.23 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:202 Resp: 48915
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 19.5 14.6 21.8

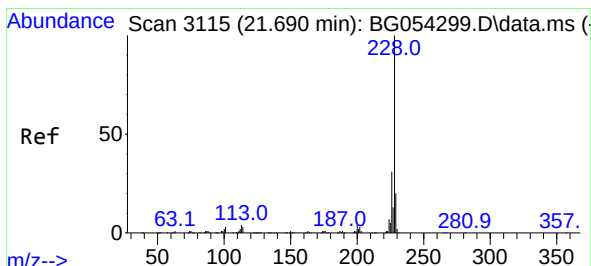
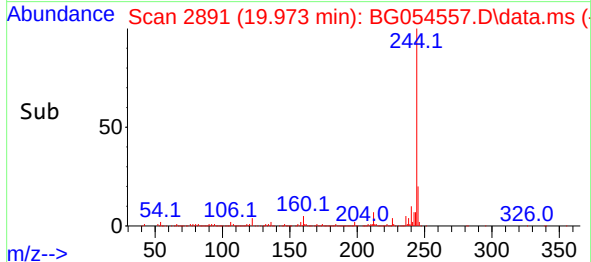
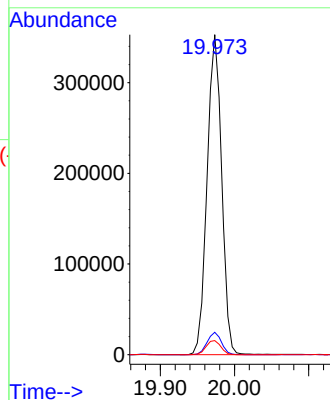
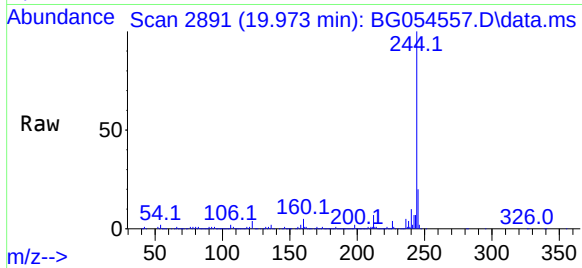




#79
 Terphenyl-d14
 Concen: 58.73 ng
 RT: 19.973 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054557.D
 Acq: 8 Aug 2022 17:34

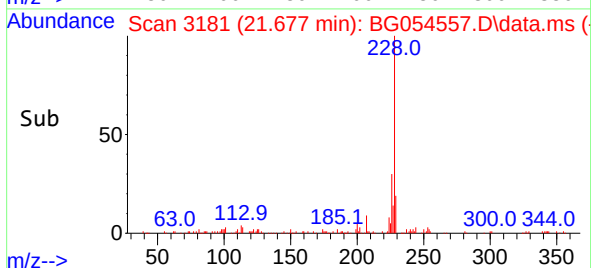
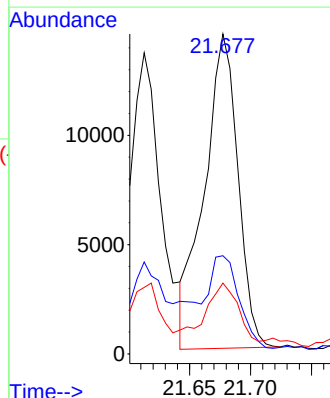
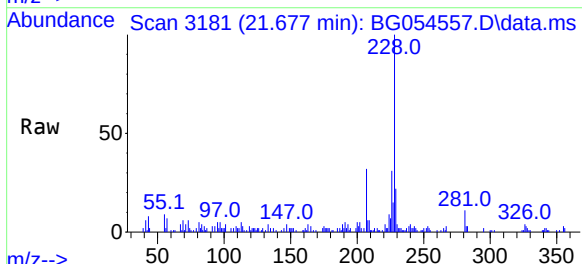
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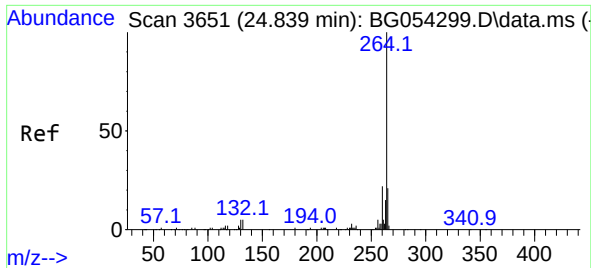
Tgt Ion:244 Resp: 482173
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#83
 Chrysene
 Concen: 2.83 ng
 RT: 21.677 min Scan# 3181
 Delta R.T. -0.003 min
 Lab File: BG054557.D
 Acq: 8 Aug 2022 17:34

Tgt Ion:228 Resp: 27643
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.2
 229 22.1 15.5 23.3



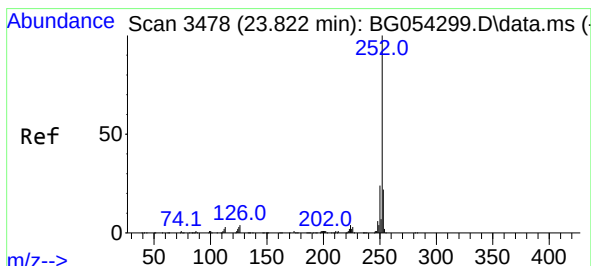
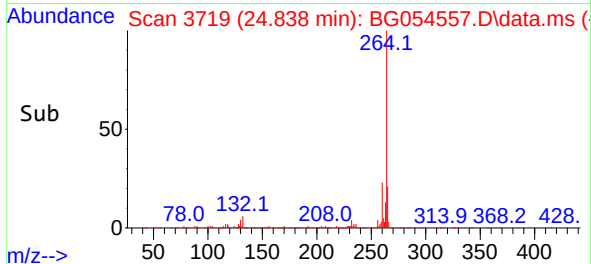
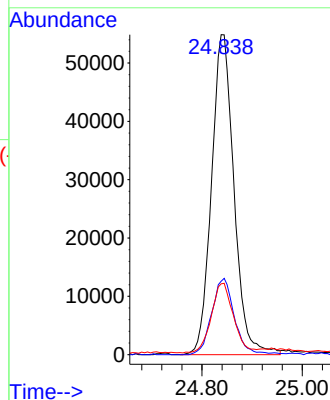
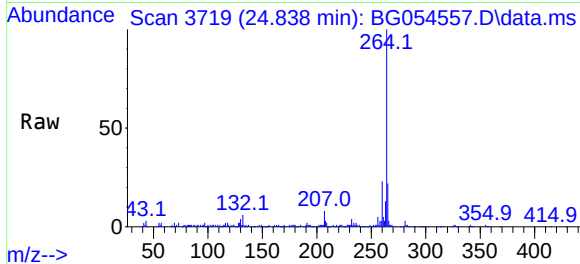


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RVE-162

Tgt Ion:264 Resp: 170933

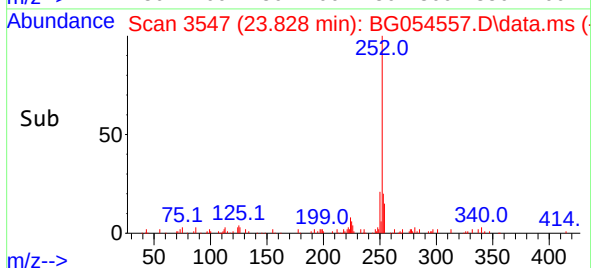
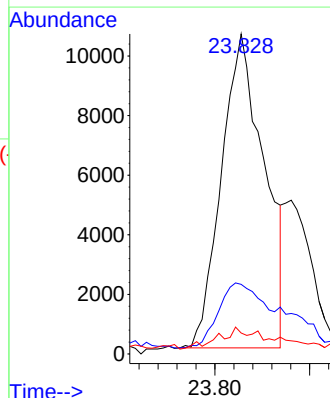
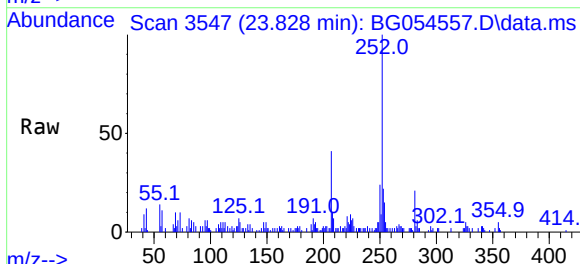
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	22.2	17.4	26.2

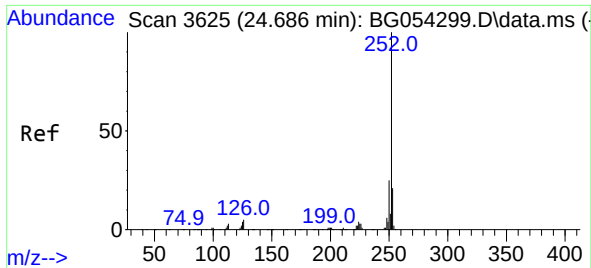


#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 23.828 min Scan# 3547
Delta R.T. 0.009 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Tgt Ion:252 Resp: 33054

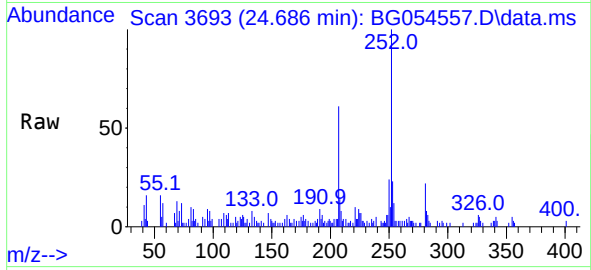
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	6.6	4.6	6.8





#90
Benzo(a)pyrene
Concen: 2.80 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG054557.D
Acq: 8 Aug 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RVE-162



Tgt Ion:	252	Resp:	24214
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	6.2	4.3	6.5

