

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054431.D
 Acq On : 28 Jul 2022 14:22
 Operator : CG/JU
 Sample : N3893-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-7

Quant Time: Jul 29 04:08:39 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

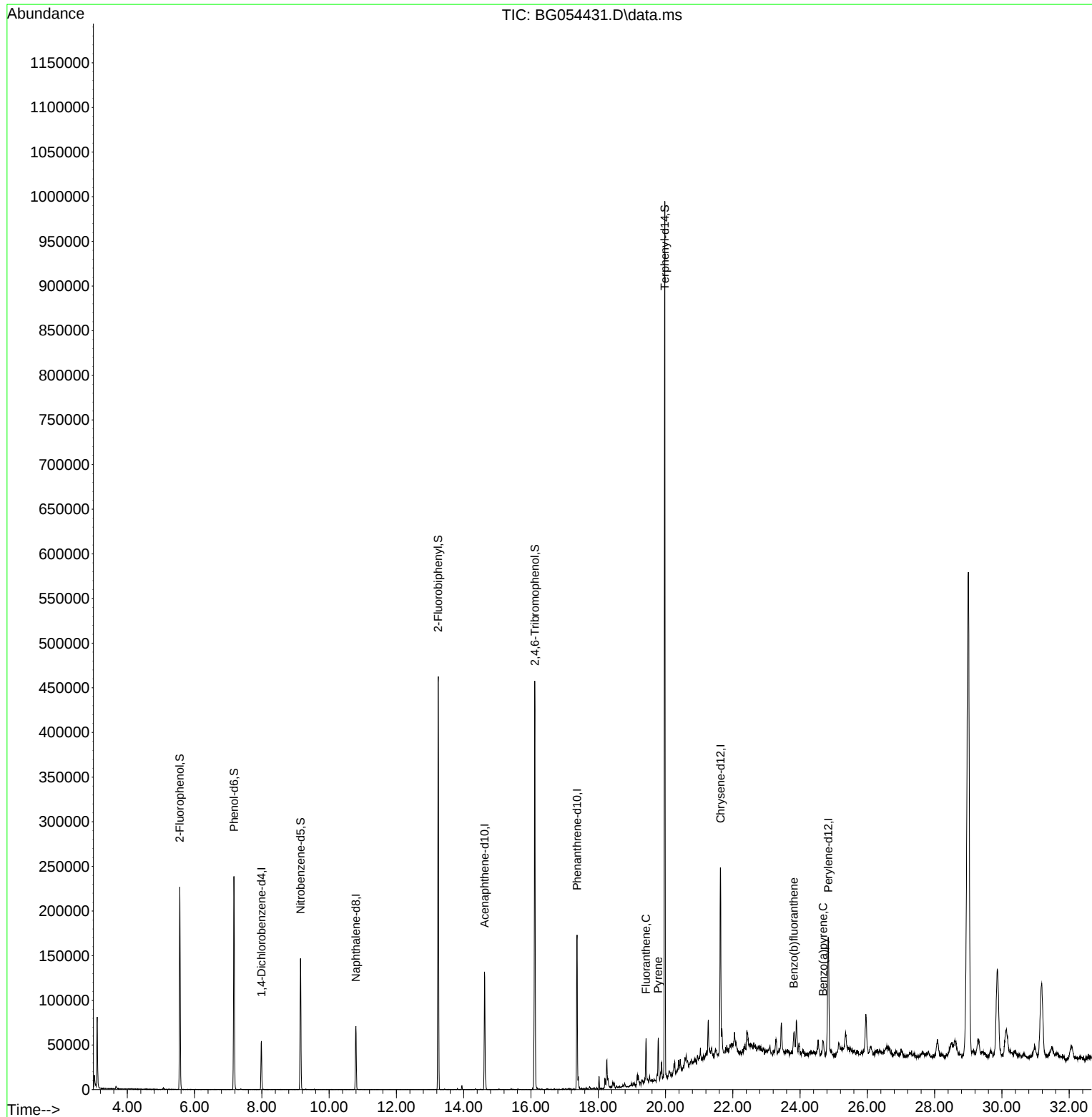
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	16890	20.000	ng	# 0.00
21) Naphthalene-d8	10.795	136	67019	20.000	ng	# 0.00
39) Acenaphthene-d10	14.620	164	52317	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	130952	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	144143	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	152810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	100667	124.441	ng	0.00
7) Phenol-d6	7.170	99	134003	120.891	ng	0.00
23) Nitrobenzene-d5	9.150	82	90416	73.469	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	123957	112.846	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	279237	75.294	ng	0.00
79) Terphenyl-d14	19.979	244	574115	79.014	ng	0.00
Target Compounds						
75) Fluoranthene	19.421	202	28949	3.256	ng	Qvalue 93
78) Pyrene	19.785	202	32606	3.942	ng	97
88) Benzo(b)fluoranthene	23.815	252	30070	3.327	ng	# 97
90) Benzo(a)pyrene	24.685	252	19540	2.532	ng	# 89

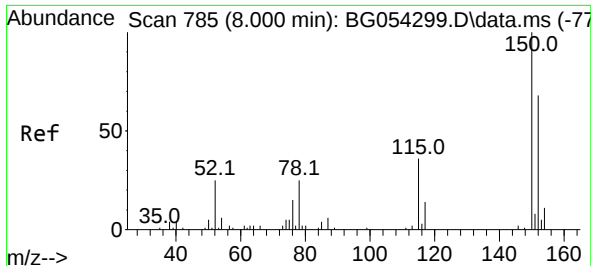
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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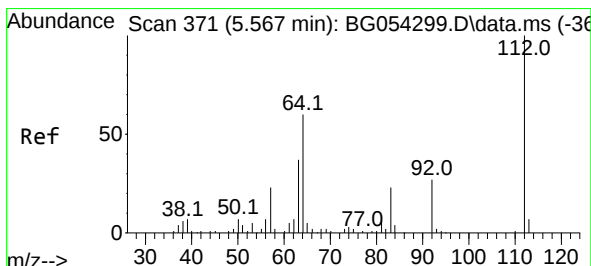
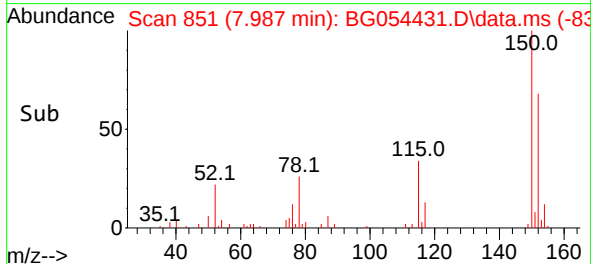
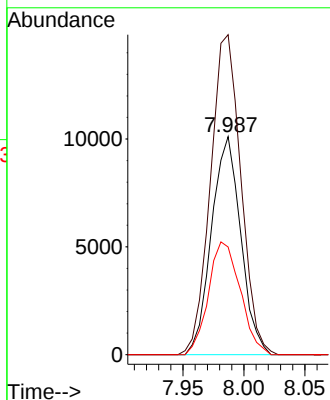
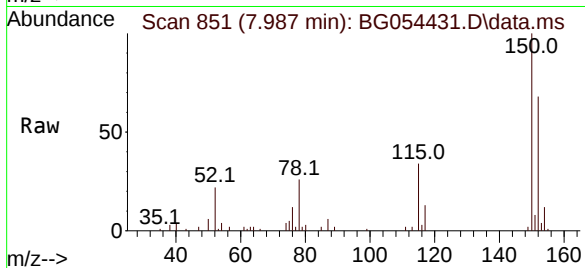




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

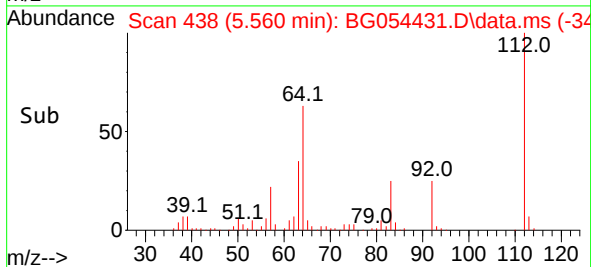
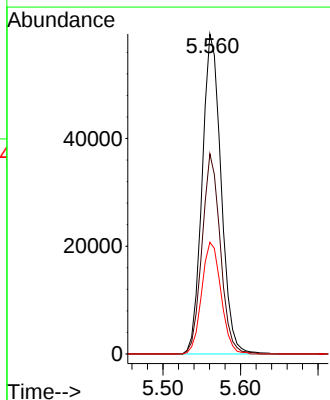
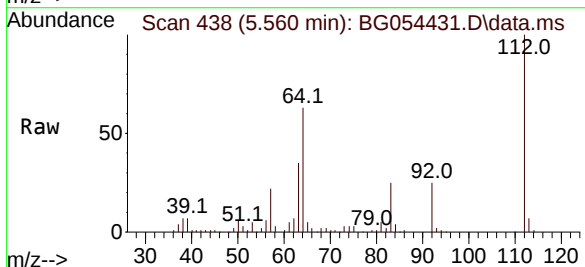
Instrument :
BNA_G
ClientSampleId :
RVE-7

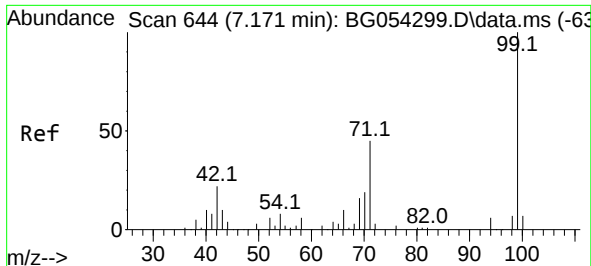
Tgt Ion:152 Resp: 16890
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 49.4 50.9 76.3#



#5
2-Fluorophenol
Concen: 124.441 ng
RT: 5.560 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Tgt Ion:112 Resp: 100667
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 34.9 30.4 45.6

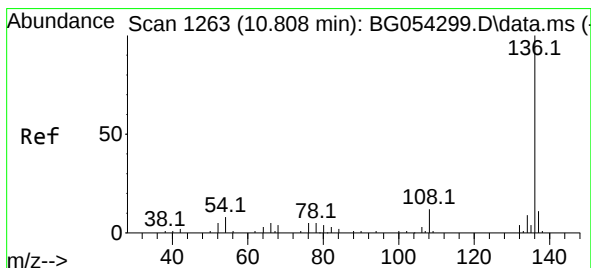
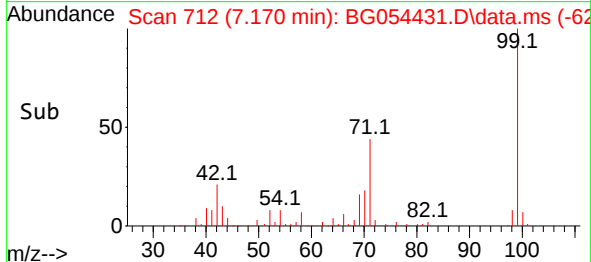
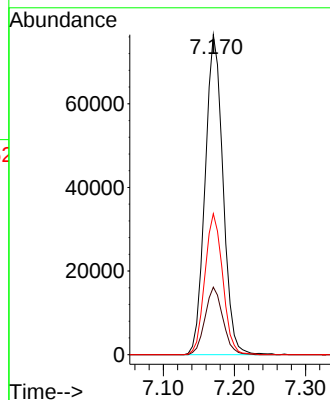
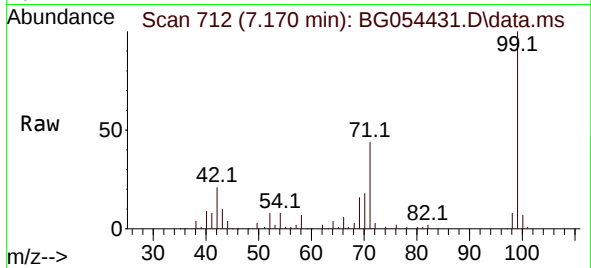




#7
Phenol-d6
Concen: 120.891 ng
RT: 7.170 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

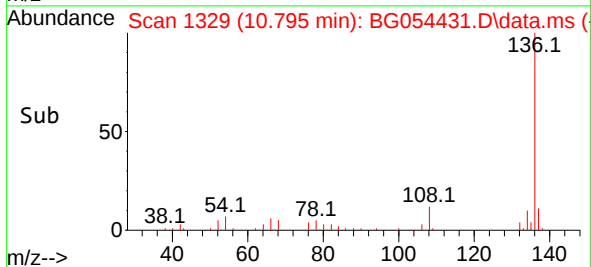
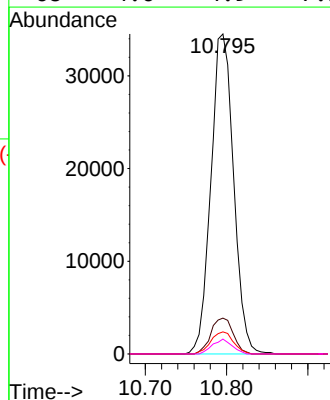
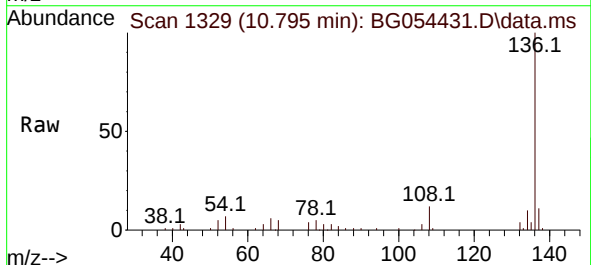
Instrument :
BNA_G
ClientSampleId :
RVE-7

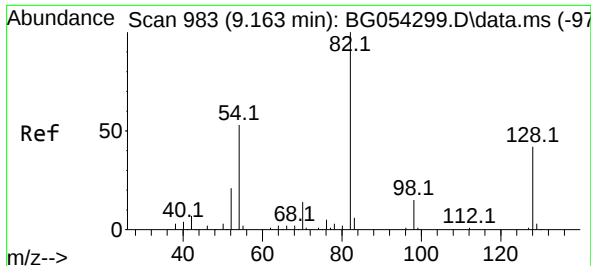
Tgt Ion: 99 Resp: 134003
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Tgt Ion: 136 Resp: 67019
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.9 7.4 11.2#
68 4.6 4.9 7.3#

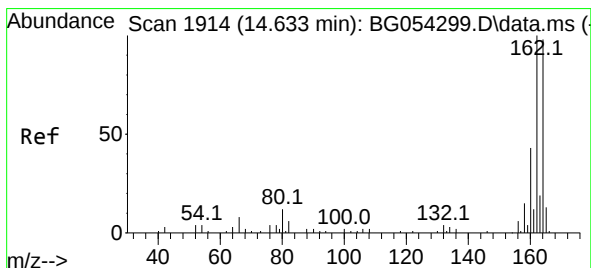
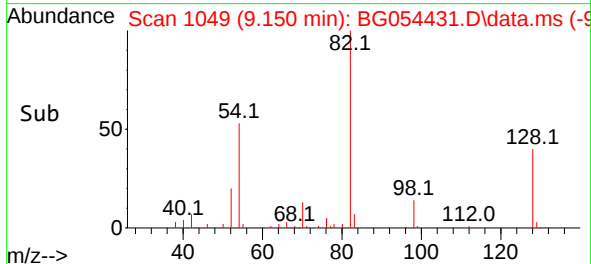
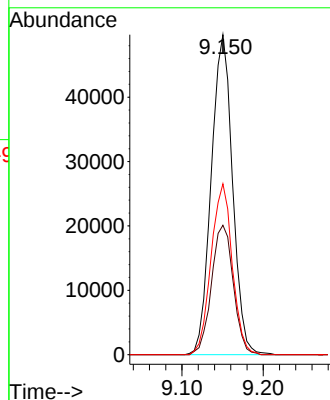
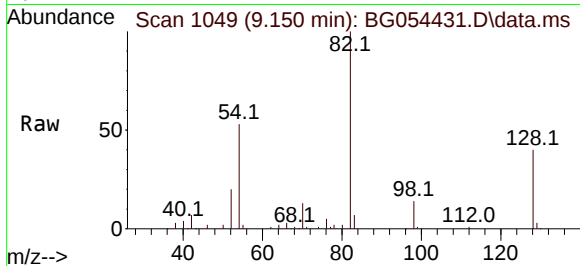




#23
 Nitrobenzene-d5
 Concen: 73.469 ng
 RT: 9.150 min Scan# 1049
 Delta R.T. -0.001 min
 Lab File: BG054431.D
 Acq: 28 Jul 2022 14:22

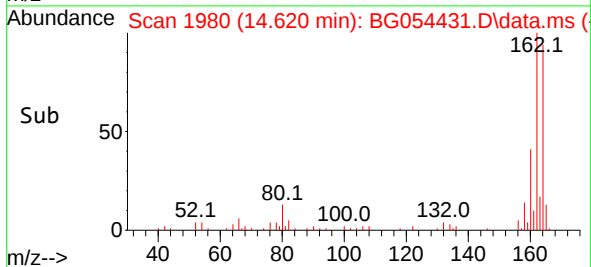
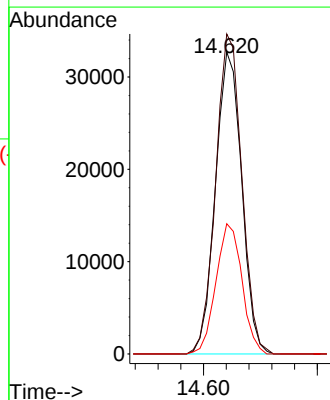
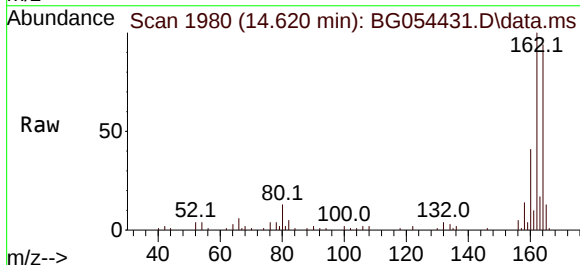
Instrument :
 BNA_G
 ClientSampleId :
 RVE-7

Tgt Ion: 82 Resp: 90416
 Ion Ratio Lower Upper
 82 100
 128 40.5 27.9 41.9
 54 53.4 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.620 min Scan# 1980
 Delta R.T. -0.001 min
 Lab File: BG054431.D
 Acq: 28 Jul 2022 14:22

Tgt Ion: 164 Resp: 52317
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.3 123.5
 160 43.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 112.846 ng

RT: 16.119 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG054431.D

Acq: 28 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

RVE-7

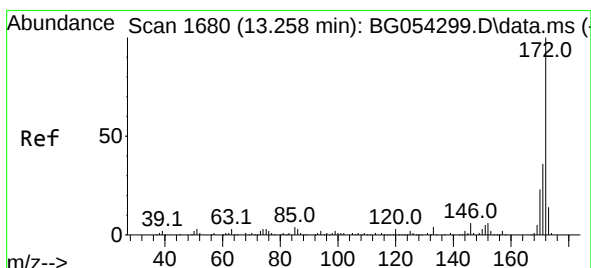
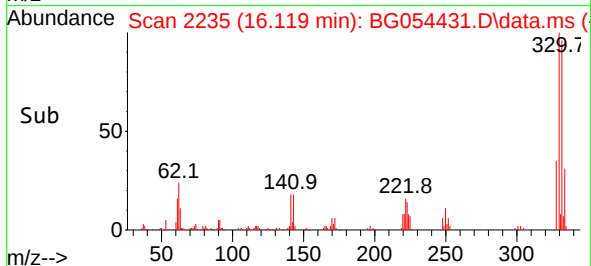
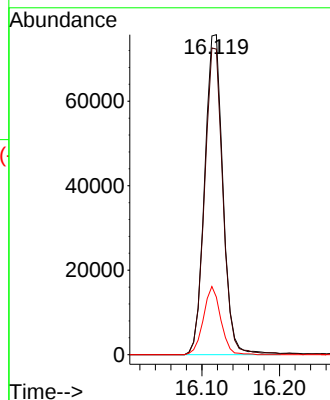
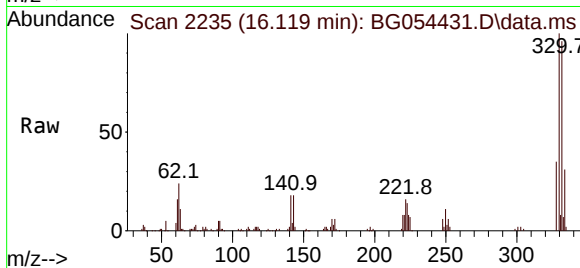
Tgt Ion:330 Resp: 123957

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 20.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 75.294 ng

RT: 13.245 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG054431.D

Acq: 28 Jul 2022 14:22

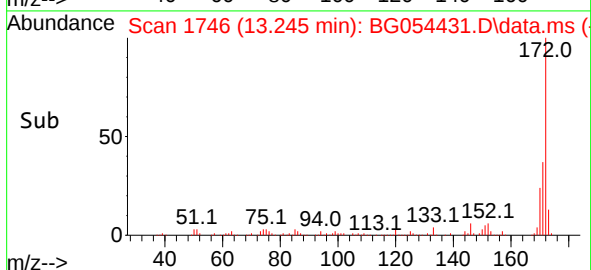
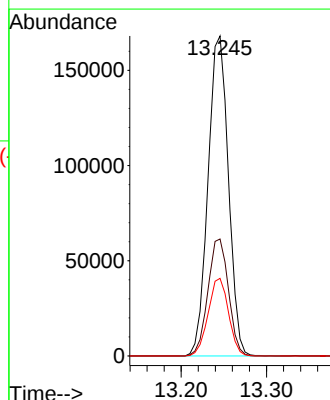
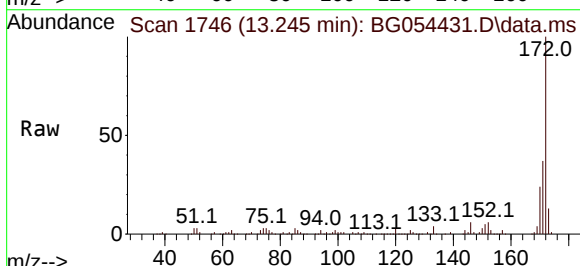
Tgt Ion:172 Resp: 279237

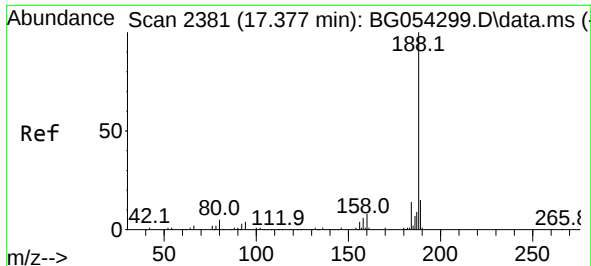
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.3 18.9 28.3

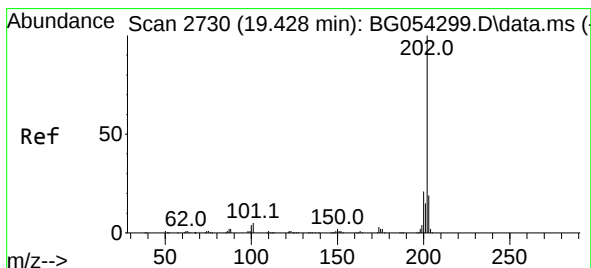
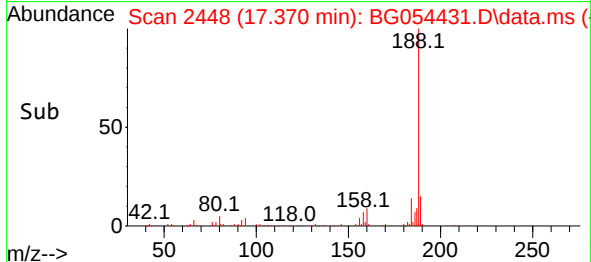
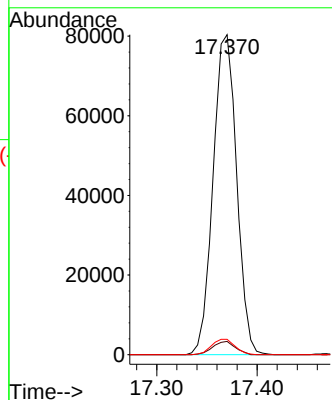
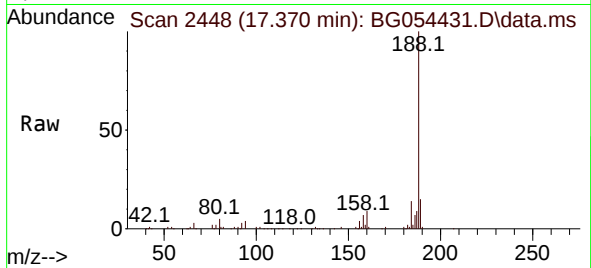




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

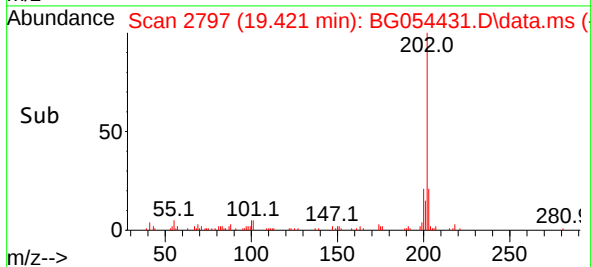
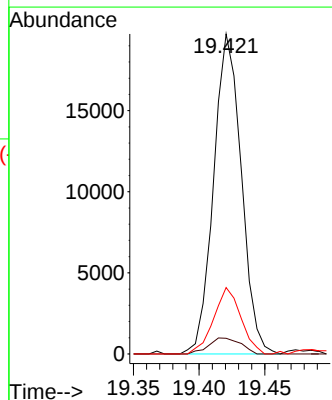
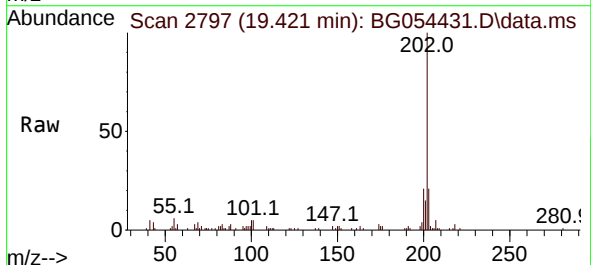
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RVE-7

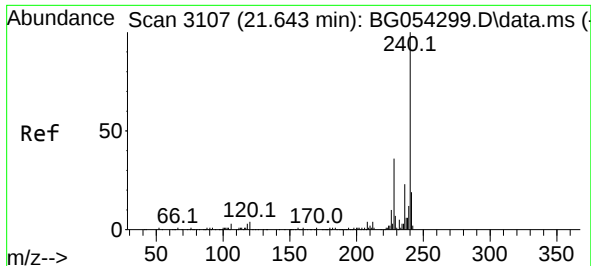
Tgt Ion:188 Resp: 130952
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.8 6.8 10.2#



#75
Fluoranthene
Concen: 3.256 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Tgt Ion:202 Resp: 28949
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 20.8 0.0 37.2

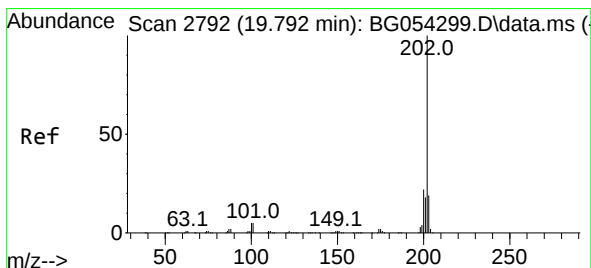
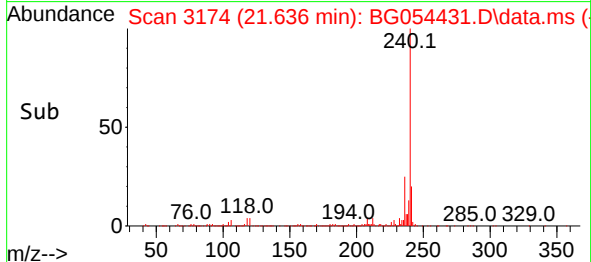
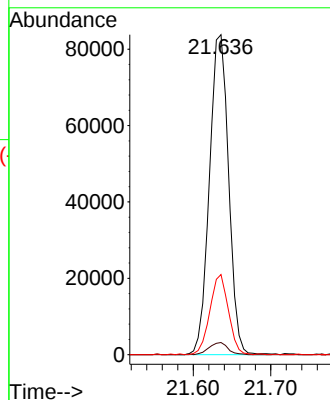
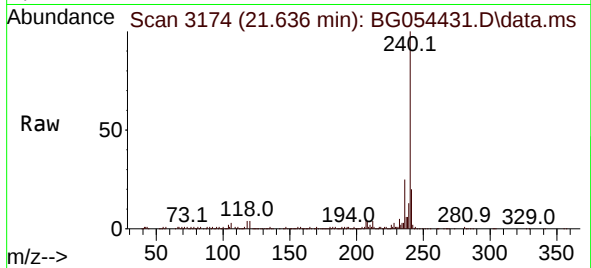




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

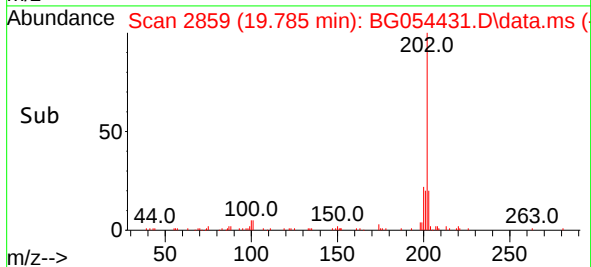
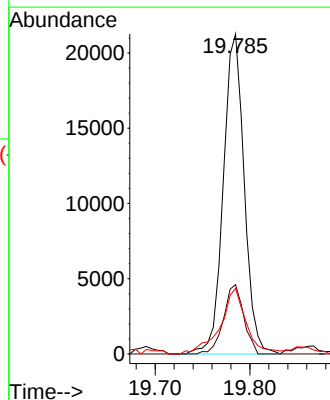
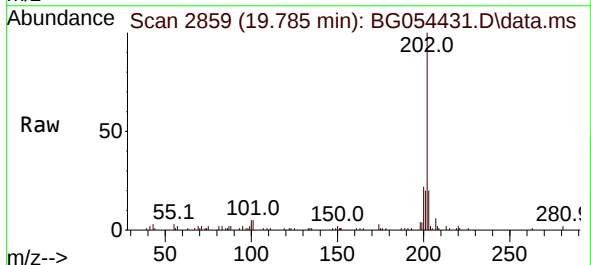
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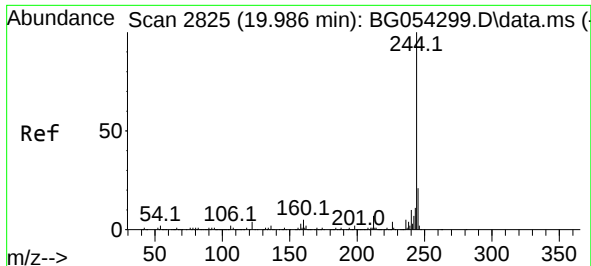
Tgt Ion:240 Resp: 144143
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.0 20.2 30.4



#78
Pyrene
Concen: 3.942 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Tgt Ion:202 Resp: 32606
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 20.5 14.6 21.8

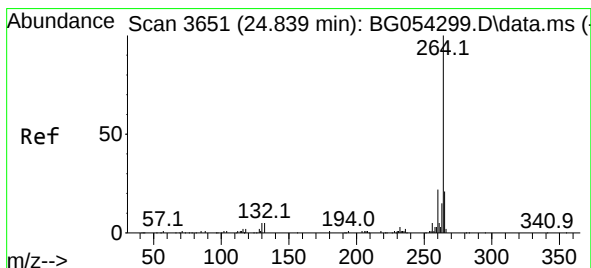
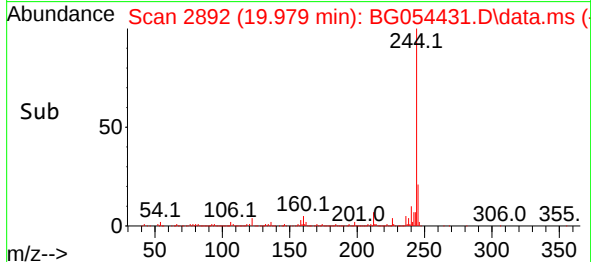
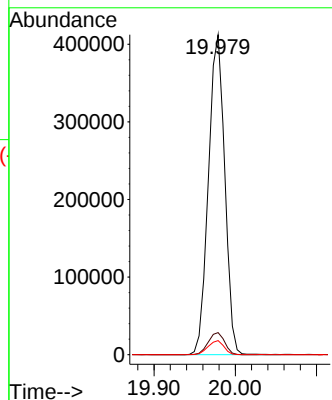
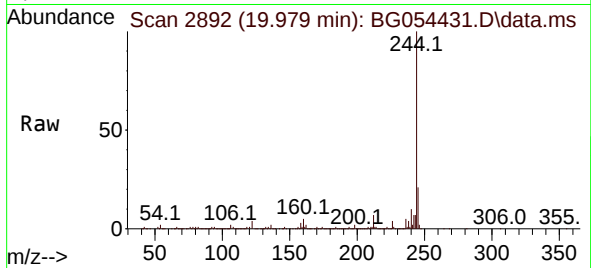




#79
 Terphenyl-d14
 Concen: 79.014 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054431.D
 Acq: 28 Jul 2022 14:22

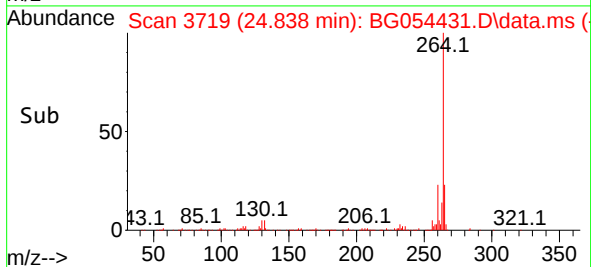
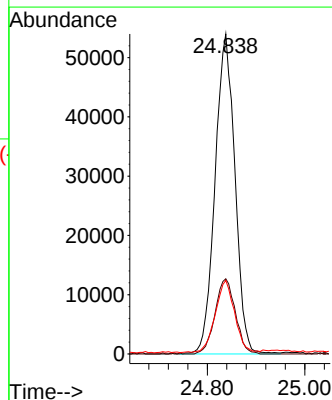
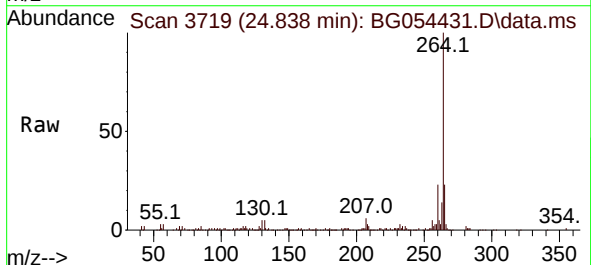
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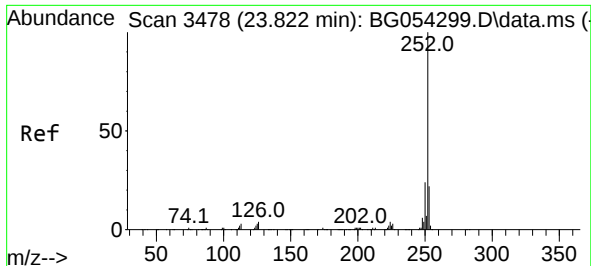
Tgt Ion:244 Resp: 574115
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.004 min
 Lab File: BG054431.D
 Acq: 28 Jul 2022 14:22

Tgt Ion:264 Resp: 152810
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 23.0 17.4 26.2

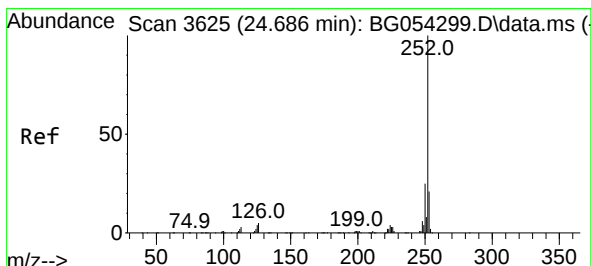
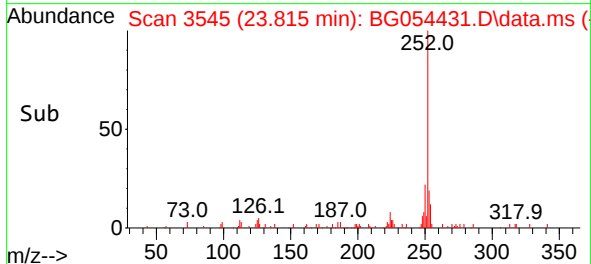
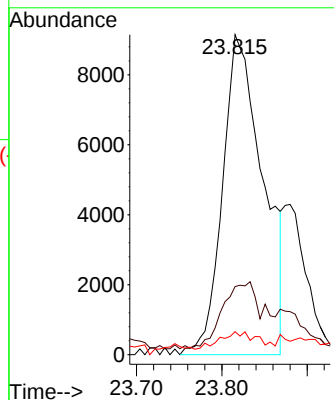
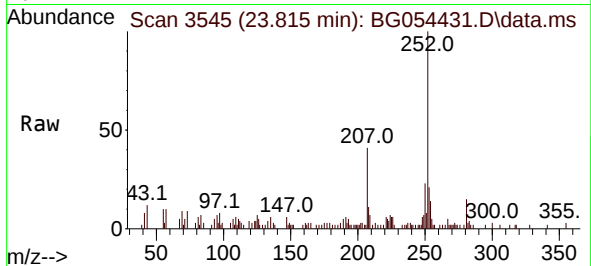




#88
Benzo(b)fluoranthene
Concen: 3.327 ng
RT: 23.815 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Instrument :
BNA_G
ClientSampleId :
RVE-7

Tgt Ion:252 Resp: 30070
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 7.2 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 2.532 ng
RT: 24.685 min Scan# 3693
Delta R.T. -0.001 min
Lab File: BG054431.D
Acq: 28 Jul 2022 14:22

Tgt Ion:252 Resp: 19540
Ion Ratio Lower Upper
252 100
253 28.0 17.8 26.8#
125 7.2 4.3 6.5#

