

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054516.D
 Acq On : 4 Aug 2022 12:49
 Operator : CG/JU
 Sample : N3931-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-119

Quant Time: Aug 04 13:44:59 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)

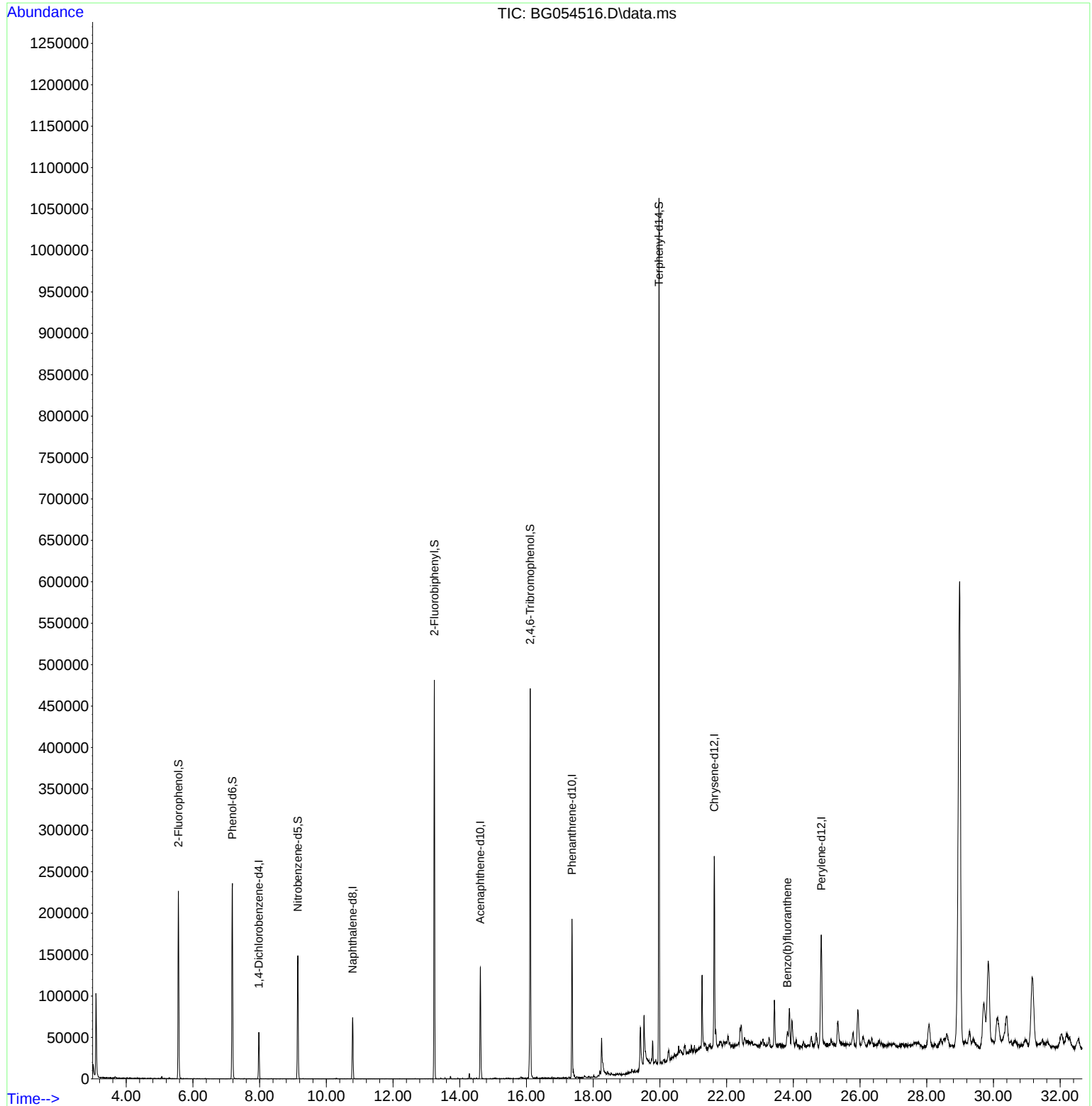
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	18170	20.000	ng	-0.01
21) Naphthalene-d8	10.790	136	68741	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	54684	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	138533	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	158307	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	162413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	103950	119.447	ng	0.00
7) Phenol-d6	7.182	99	139325	116.837	ng	0.01
23) Nitrobenzene-d5	9.145	82	91260	72.297	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	125338	109.164	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	275187	70.991	ng	0.00
79) Terphenyl-d14	19.973	244	591402	74.111	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.822	252	22461	2.338	ng	Qvalue 99

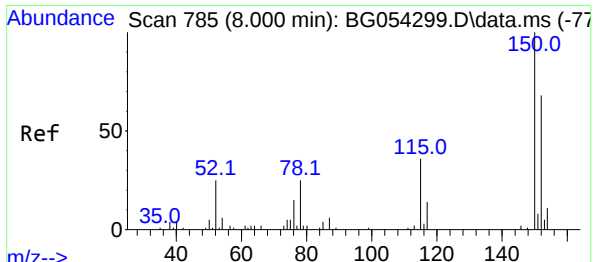
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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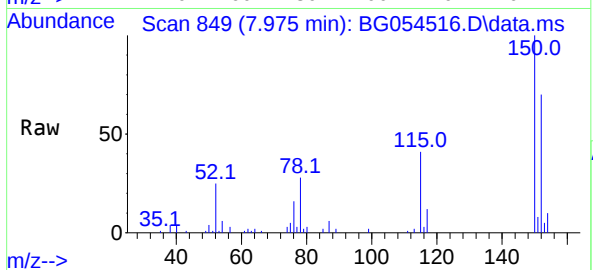
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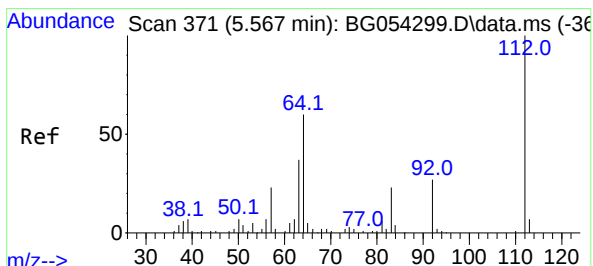
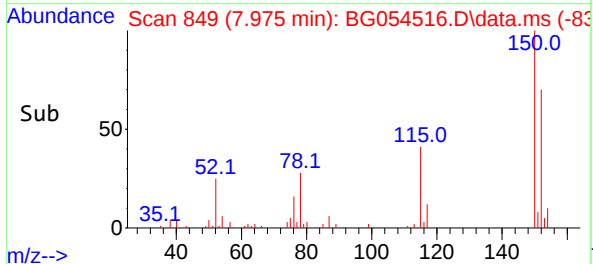
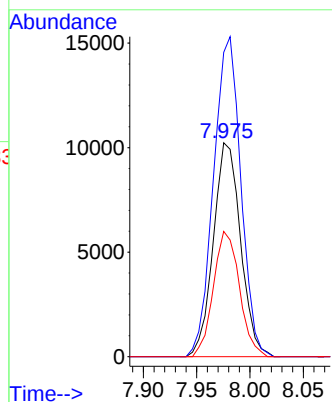


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Instrument :
BNA_G
ClientSampleId :
RVE-119

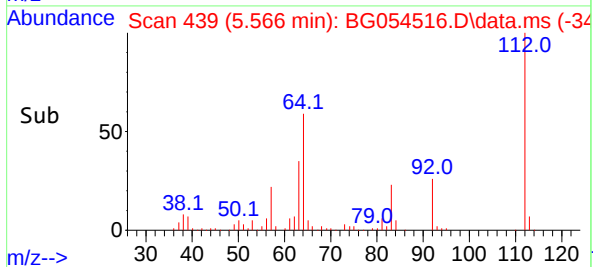
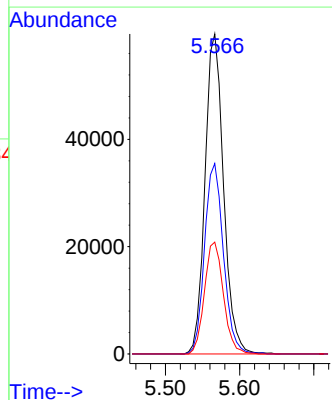
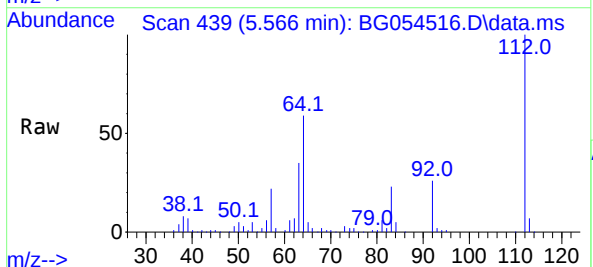


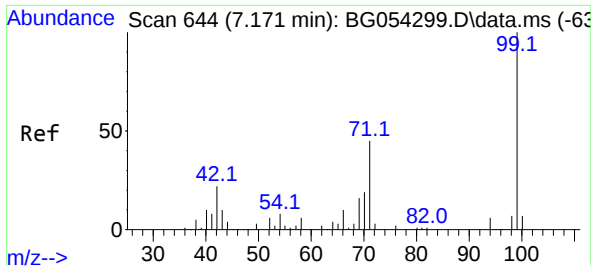
Tgt Ion:152 Resp: 18170
Ion Ratio Lower Upper
152 100
150 142.3 131.6 197.4
115 58.5 50.9 76.3



#5
2-Fluorophenol
Concen: 119.447 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:112 Resp: 103950
Ion Ratio Lower Upper
112 100
64 59.5 55.1 82.7
63 34.9 30.4 45.6

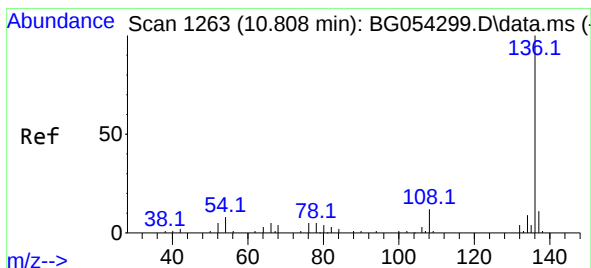
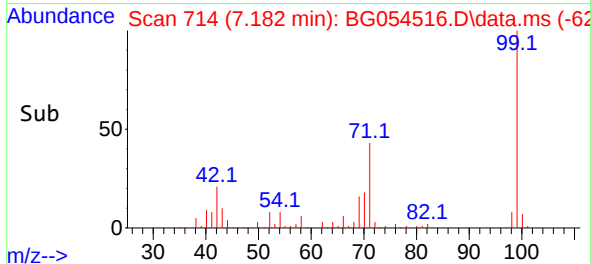
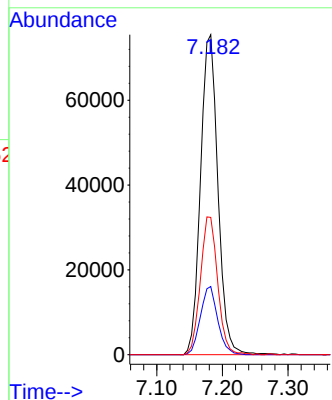
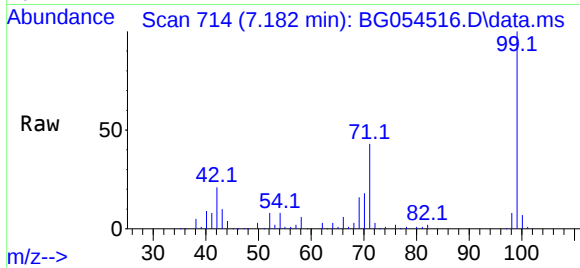




#7
Phenol-d6
Concen: 116.837 ng
RT: 7.182 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

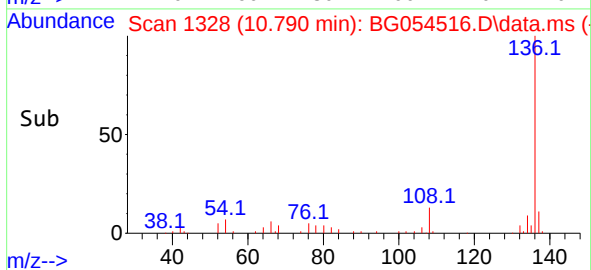
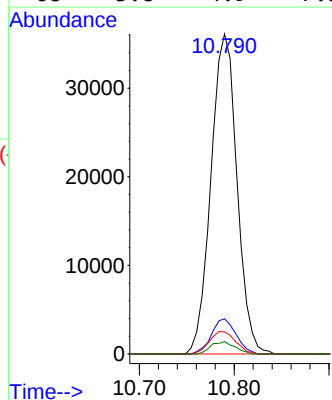
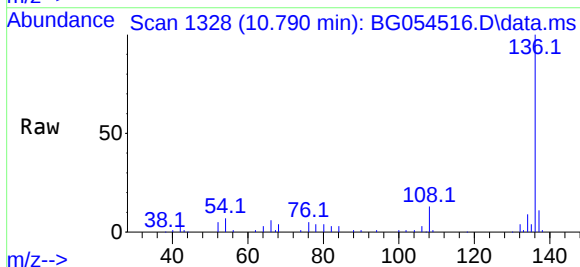
Instrument :
BNA_G
ClientSampleId :
RVE-119

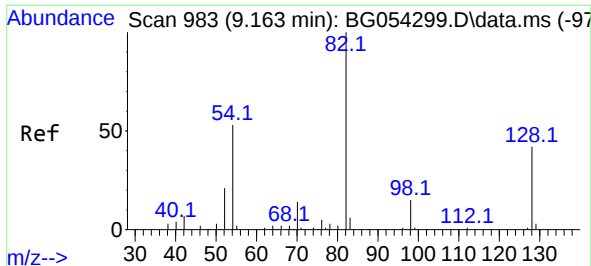
Tgt Ion: 99 Resp: 139325
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 42.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion: 136 Resp: 68741
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.9 7.4 11.2#
68 3.8 4.9 7.3#

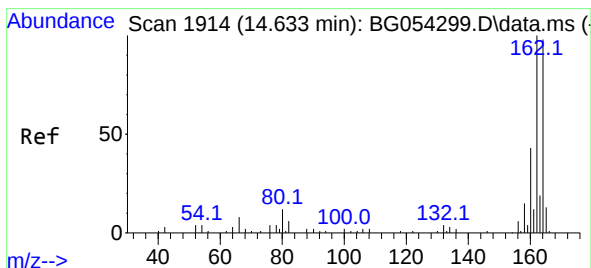
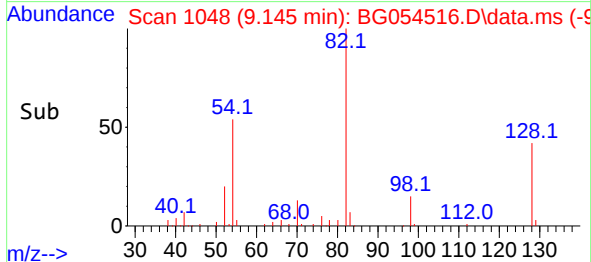
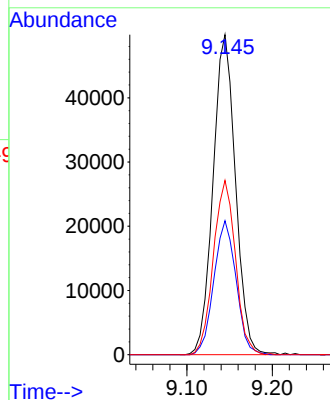
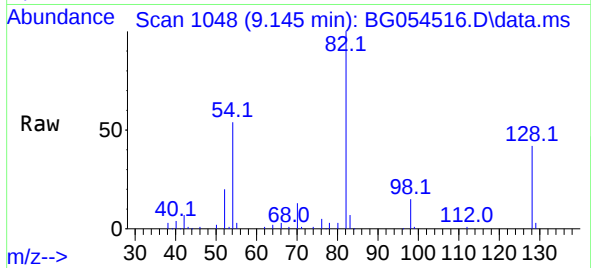




#23
Nitrobenzene-d5
Concen: 72.297 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

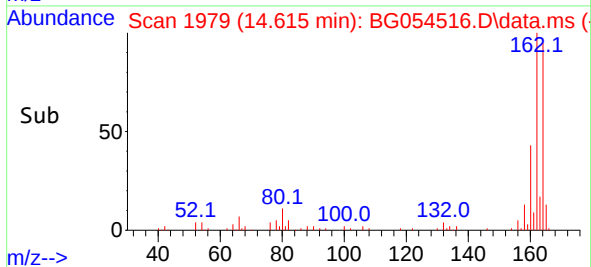
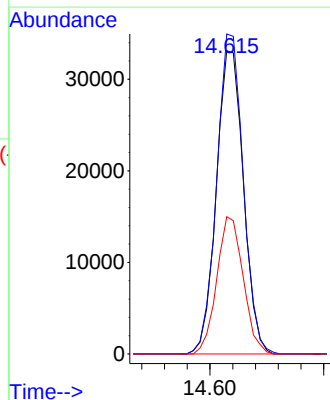
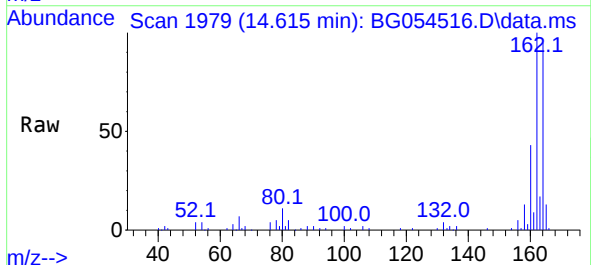
Instrument :
BNA_G
ClientSampleId :
RVE-119

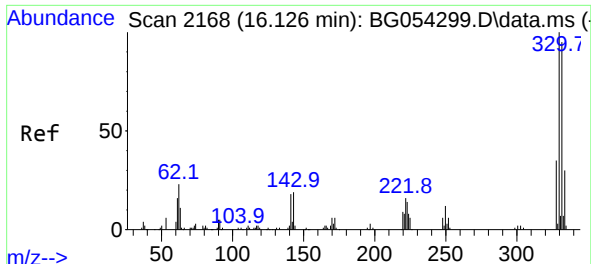
Tgt Ion: 82 Resp: 91260
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 54.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:164 Resp: 54684
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 45.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 109.164 ng

RT: 16.113 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

Instrument :

BNA_G

ClientSampleId :

RVE-119

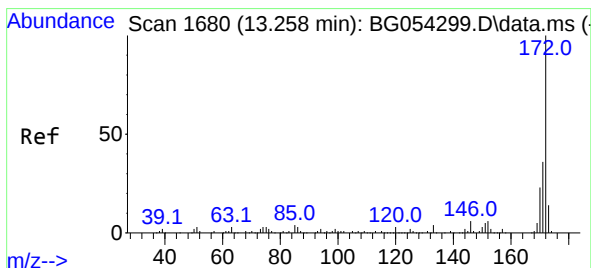
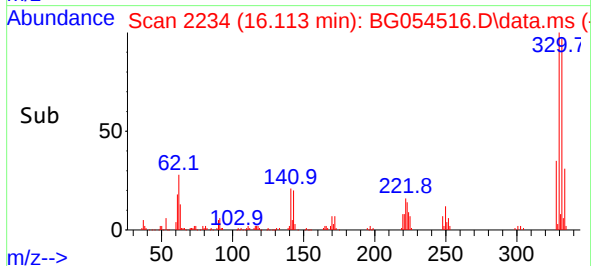
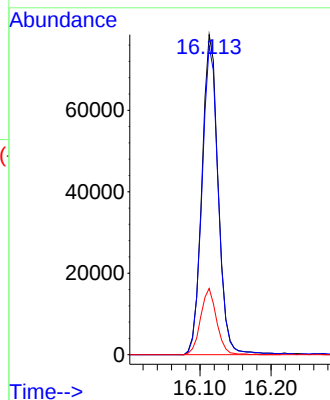
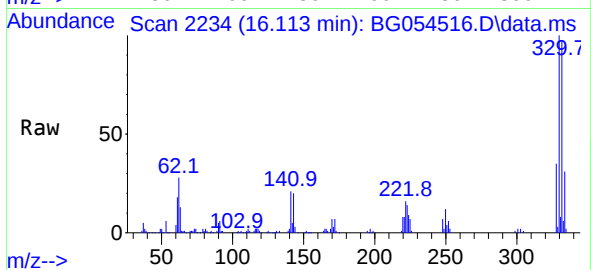
Tgt Ion:330 Resp: 125338

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 20.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 70.991 ng

RT: 13.240 min Scan# 1745

Delta R.T. -0.007 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

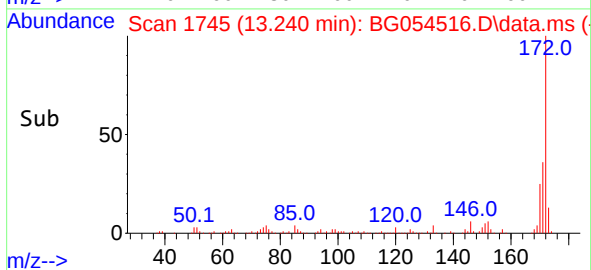
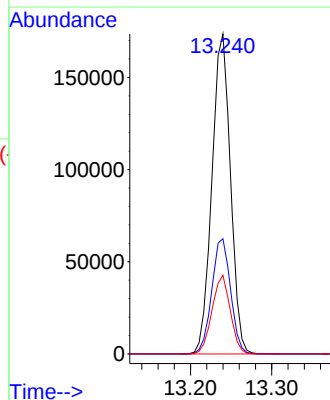
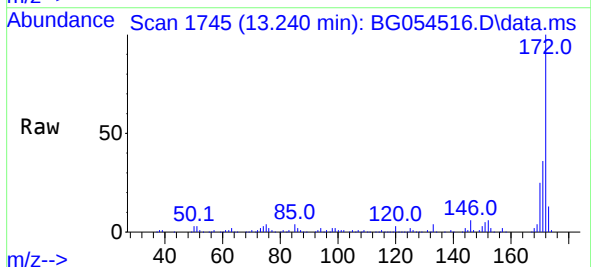
Tgt Ion:172 Resp: 275187

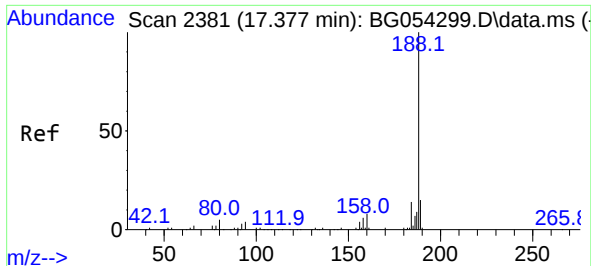
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.6 18.9 28.3

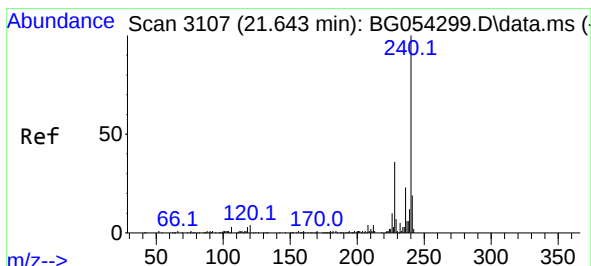
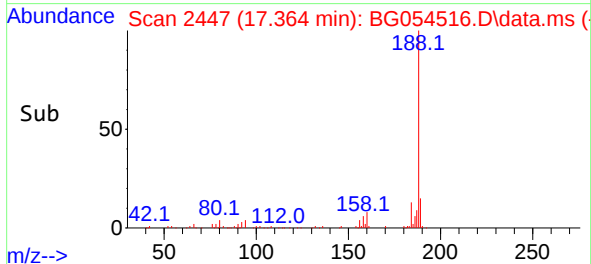
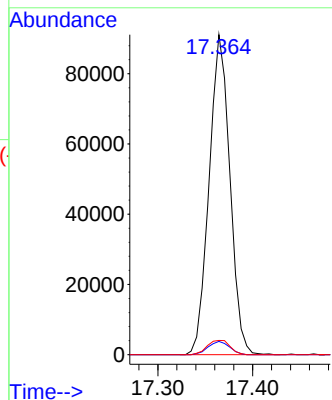
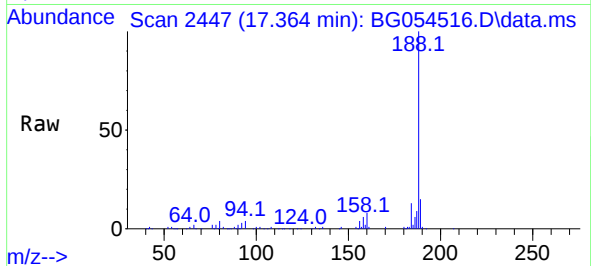




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

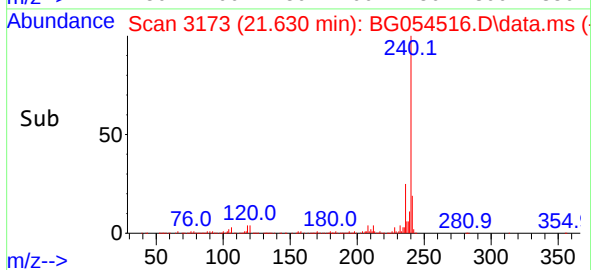
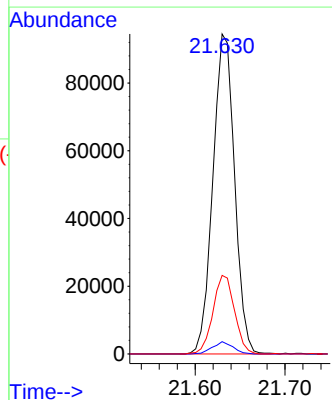
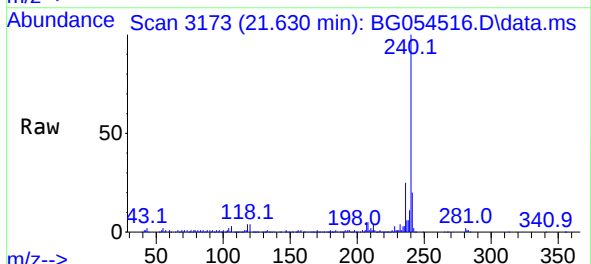
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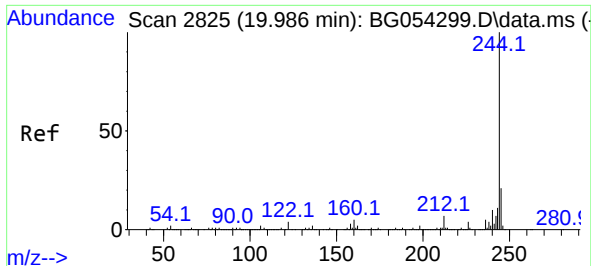
Tgt Ion:188 Resp: 138533
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:240 Resp: 158307
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 24.6 20.2 30.4

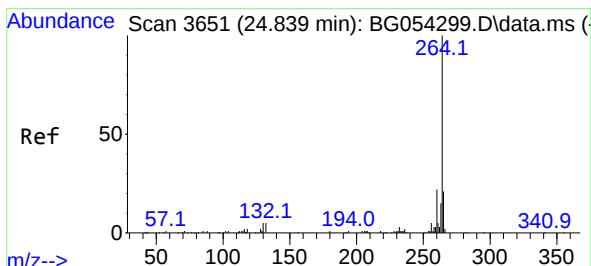
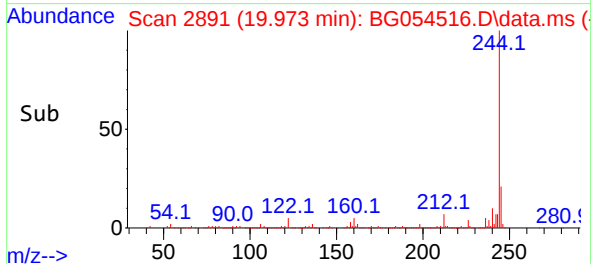
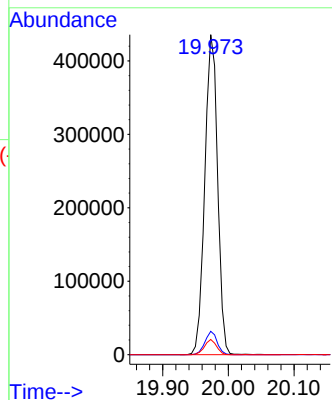
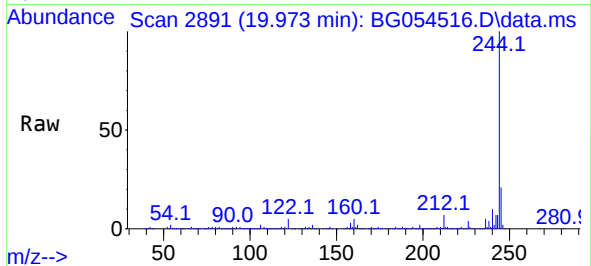




#79
 Terphenyl-d14
 Concen: 74.111 ng
 RT: 19.973 min Scan# 2891
 Delta R.T. -0.007 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

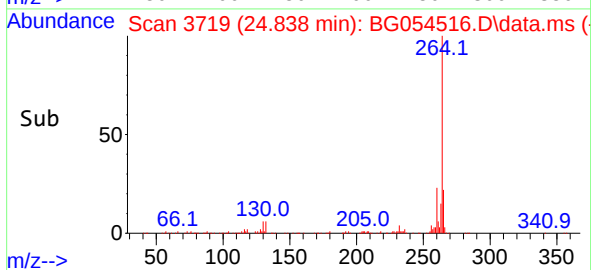
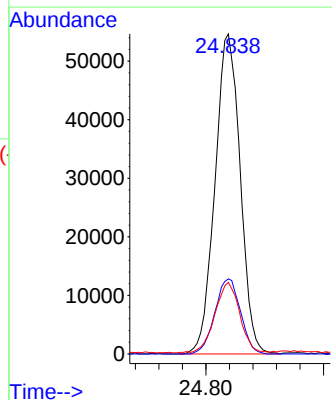
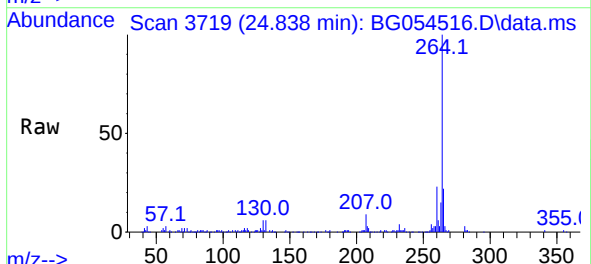
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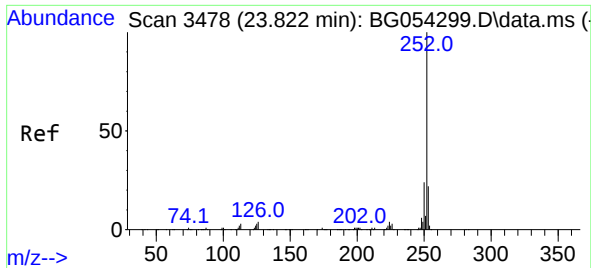
Tgt Ion:244 Resp: 591402
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

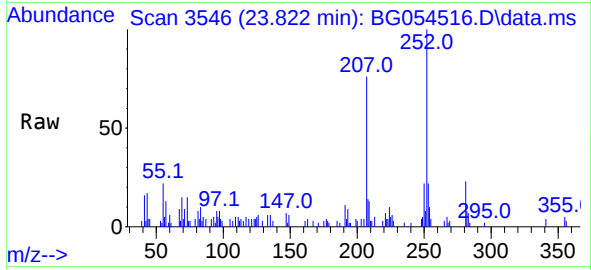
Tgt Ion:264 Resp: 162413
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.338 ng
RT: 23.822 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Instrument :
BNA_G
ClientSampleId :
RVE-119



Tgt Ion:252 Resp: 22461
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 5.4 4.6 6.8

