

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054528.D
 Acq On : 4 Aug 2022 21:20
 Operator : CG/JU
 Sample : N3931-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

Quant Time: Aug 05 05:03:29 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	7.982	152	20374	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	78508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	57390	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	136899	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	143116	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	122983	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	119255	122.210	ng	0.01
7) Phenol-d6	7.189	99	157100	117.492	ng	0.02
23) Nitrobenzene-d5	9.151	82	106318	73.747	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	131400	109.048	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	319837	78.619	ng	0.00
79) Terphenyl-d14	19.980	244	575225	79.735	ng	0.00

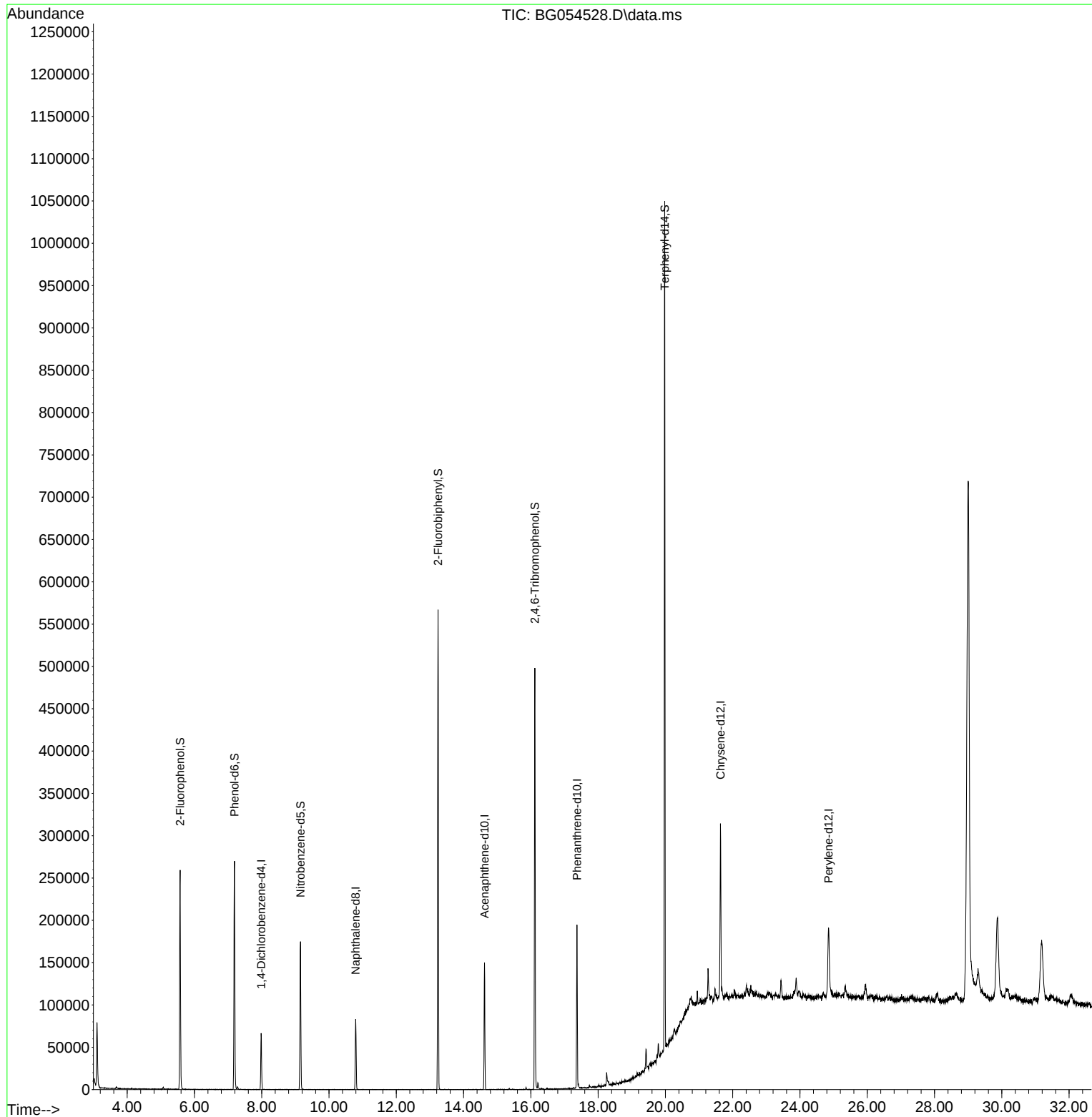
Target Compounds Qvalue

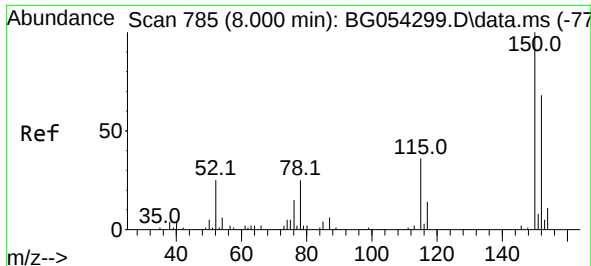
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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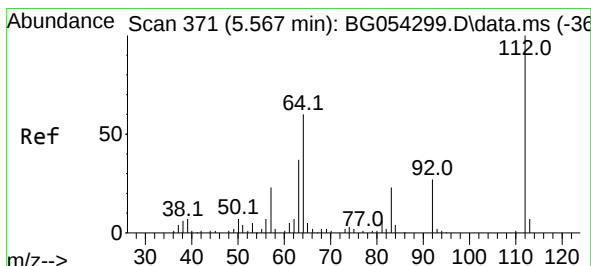
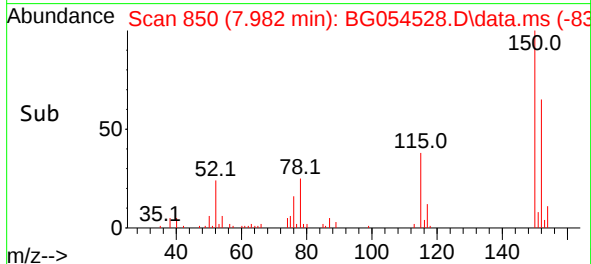
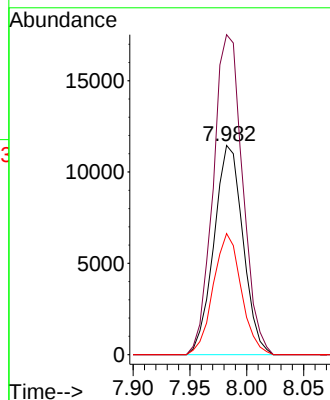
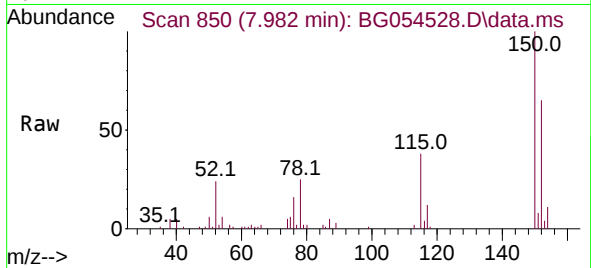




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

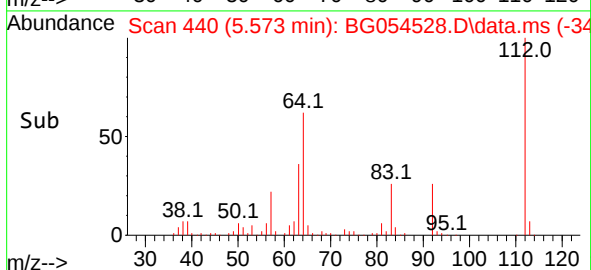
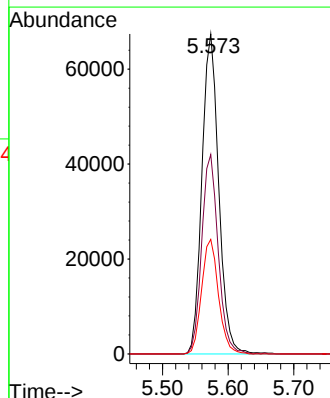
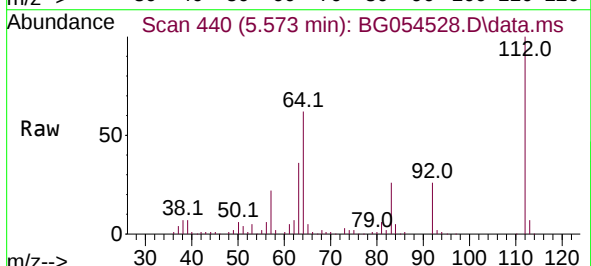
Instrument :
BNA_G
ClientSampleId :
RVE-122

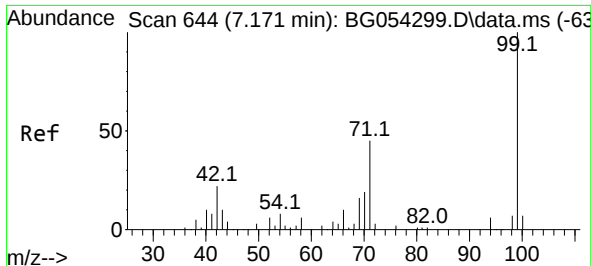
Tgt Ion:152 Resp: 20374
Ion Ratio Lower Upper
152 100
150 152.9 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 122.210 ng
RT: 5.573 min Scan# 440
Delta R.T. 0.012 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:112 Resp: 119255
Ion Ratio Lower Upper
112 100
64 62.3 55.1 82.7
63 35.8 30.4 45.6

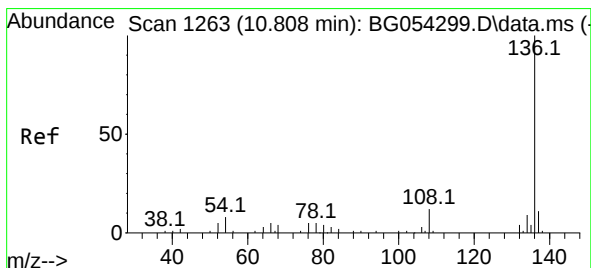
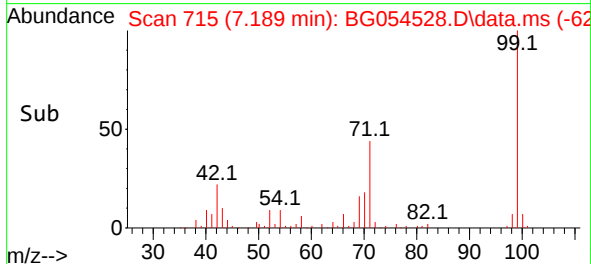
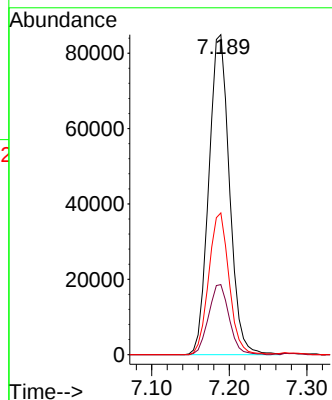
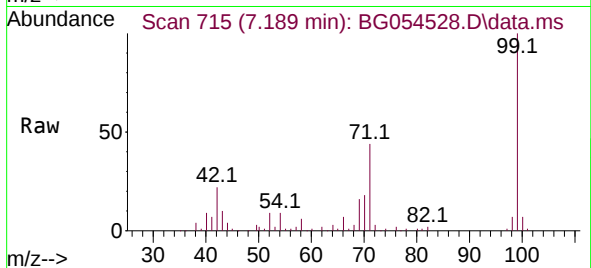




#7
Phenol-d6
Concen: 117.492 ng
RT: 7.189 min Scan# 71
Delta R.T. 0.017 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

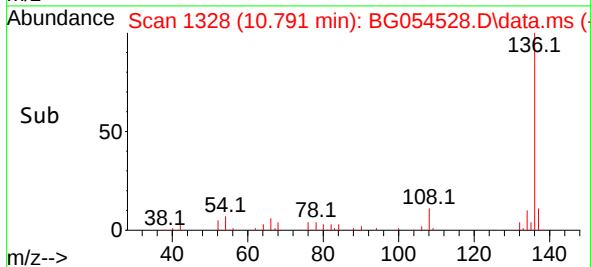
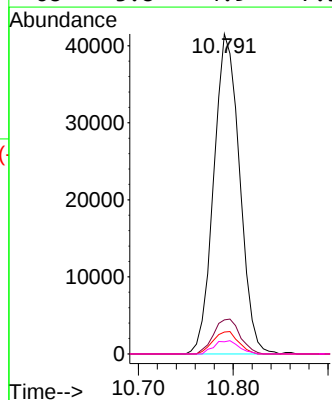
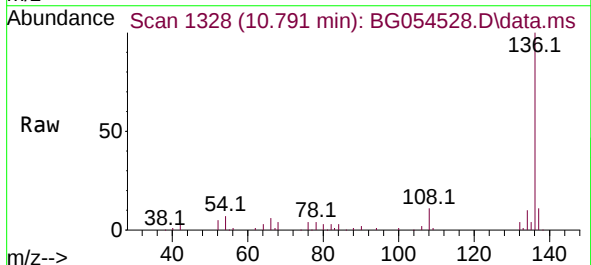
Instrument :
BNA_G
ClientSampleId :
RVE-122

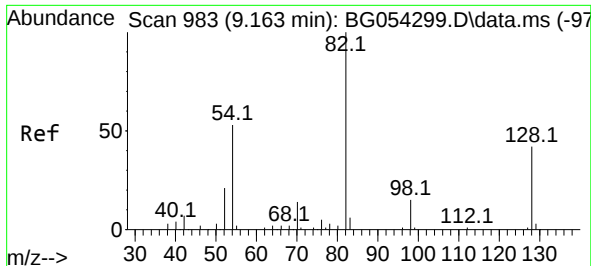
Tgt Ion: 99 Resp: 157100
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 44.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion: 136 Resp: 78508
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.9 7.4 11.2#
68 3.8 4.9 7.3#

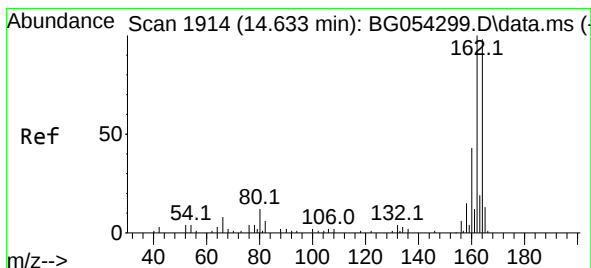
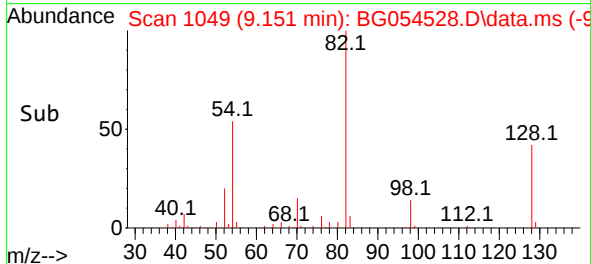
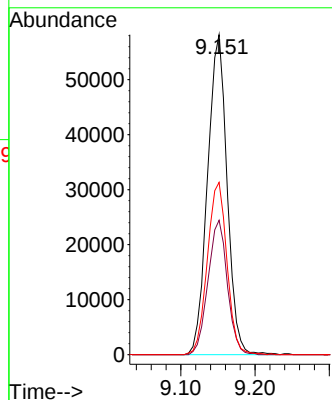
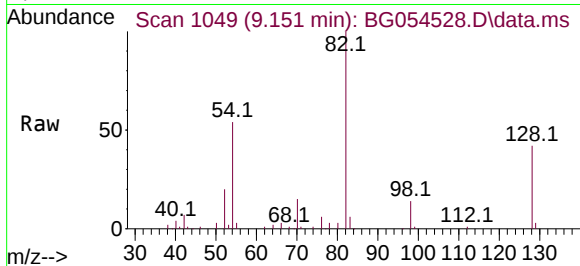




#23
Nitrobenzene-d5
Concen: 73.747 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

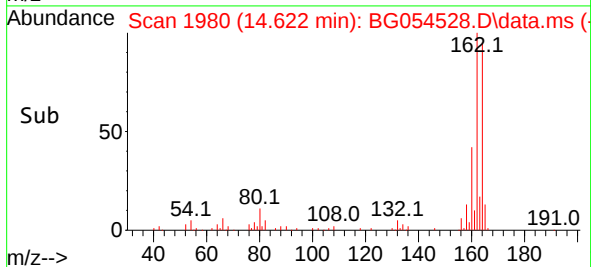
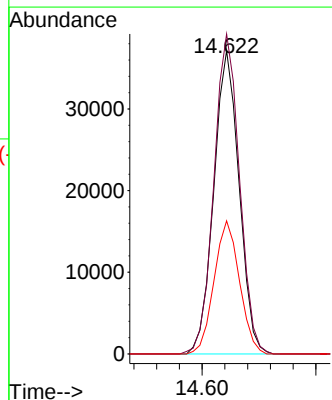
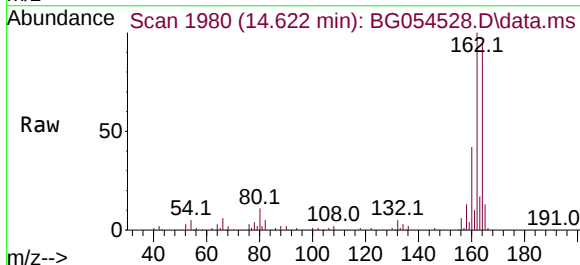
Instrument :
BNA_G
ClientSampleId :
RVE-122

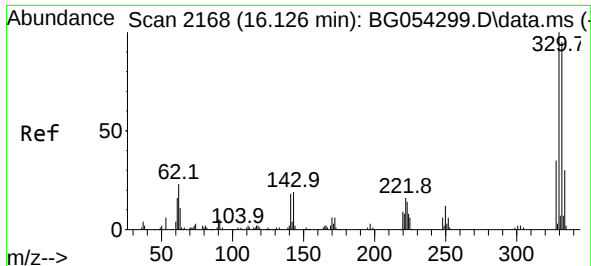
Tgt Ion: 82 Resp: 106318
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9#
54 53.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:164 Resp: 57390
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 109.048 ng

RT: 16.120 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BG054528.D

Acq: 4 Aug 2022 21:20

Instrument :

BNA_G

ClientSampleId :

RVE-122

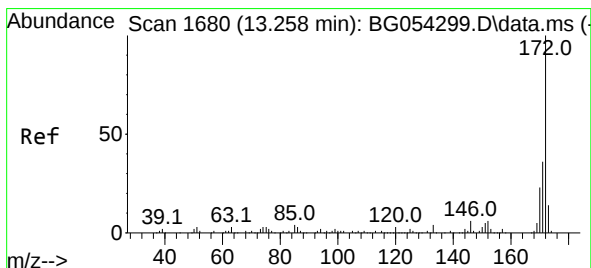
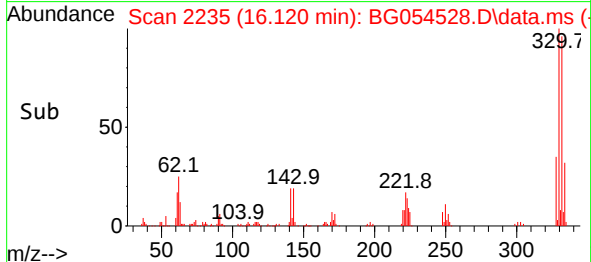
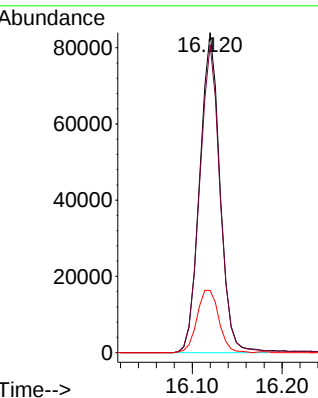
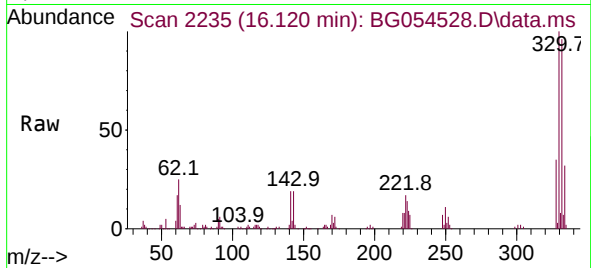
Tgt Ion:330 Resp: 131400

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 21.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 78.619 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054528.D

Acq: 4 Aug 2022 21:20

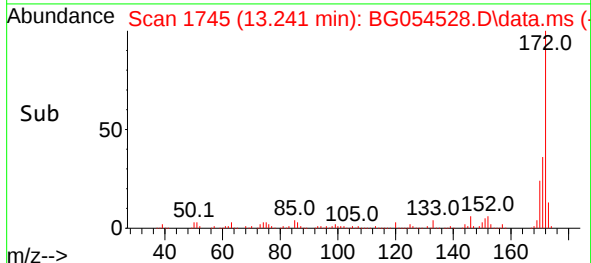
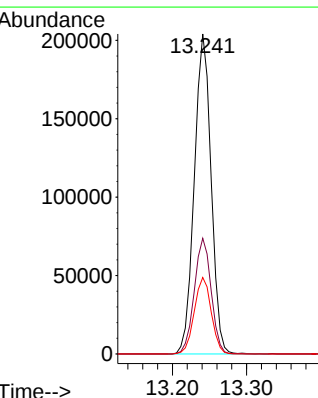
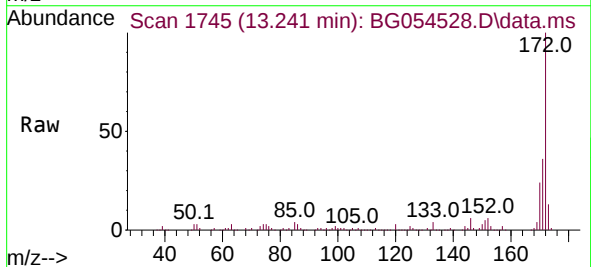
Tgt Ion:172 Resp: 319837

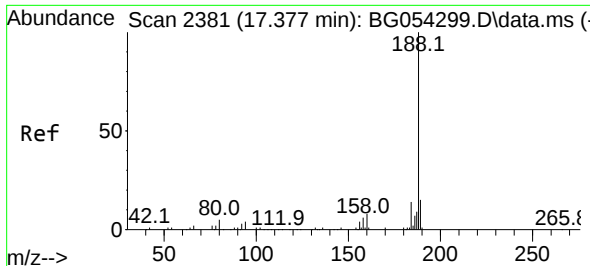
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.9 18.9 28.3

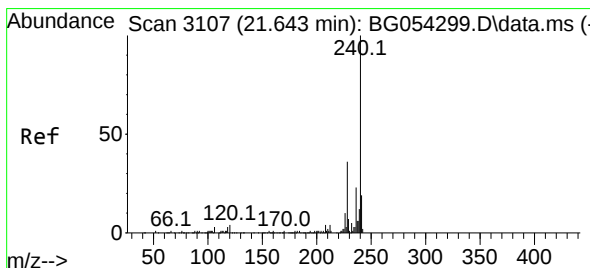
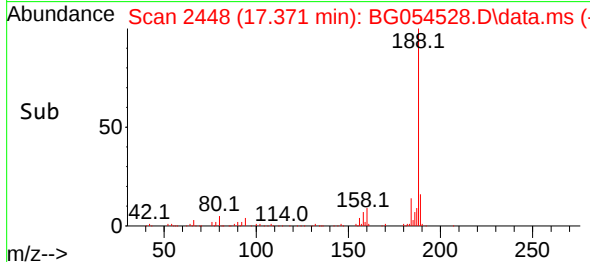
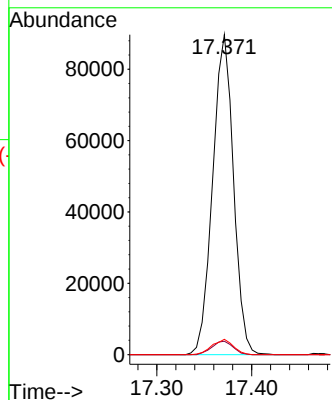
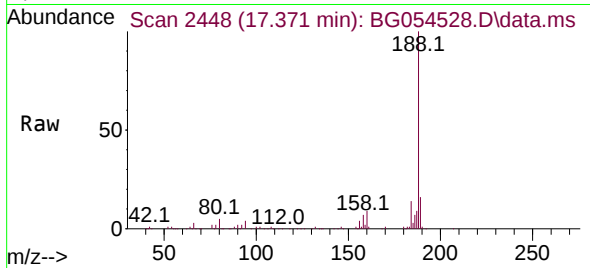




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

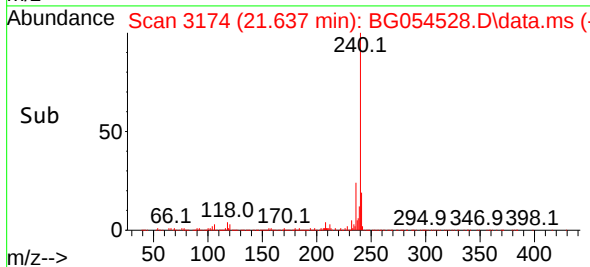
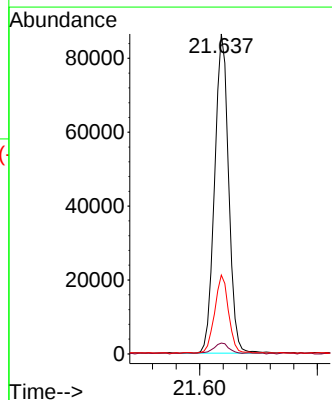
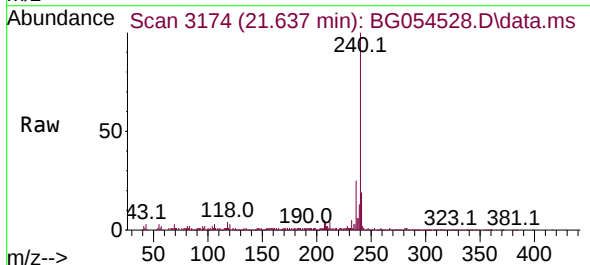
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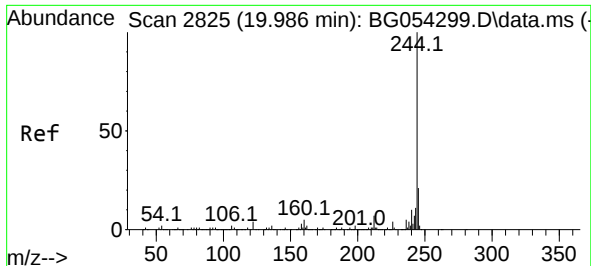
Tgt Ion:188 Resp: 136899
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BG054528.D
Acq: 4 Aug 2022 21:20

Tgt Ion:240 Resp: 143116
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.6 20.2 30.4

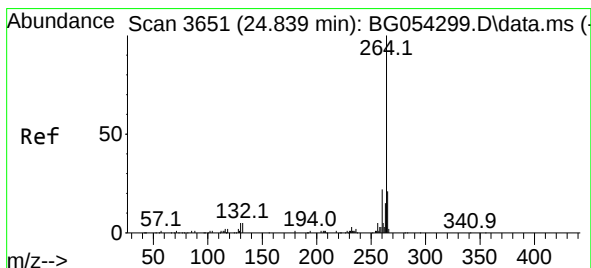
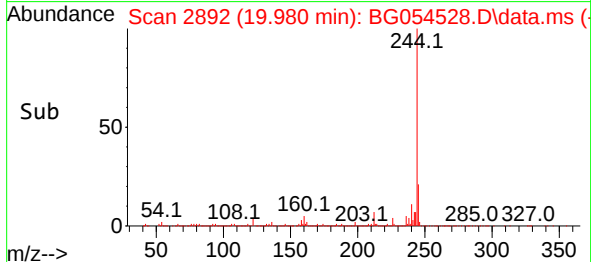
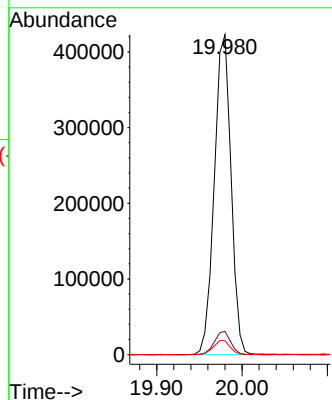
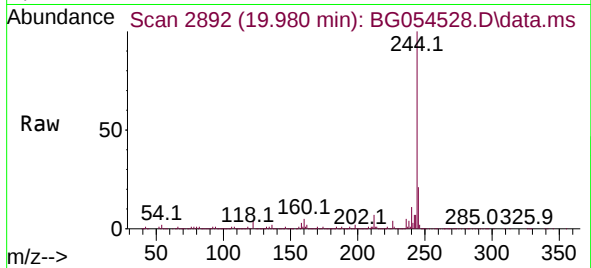




#79
 Terphenyl-d14
 Concen: 79.735 ng
 RT: 19.980 min Scan# 2825
 Delta R.T. -0.000 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Instrument :
 BNA_G
 ClientSampleId :
 RVE-122

Tgt Ion:244 Resp: 575225
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.851 min Scan# 3721
 Delta R.T. 0.017 min
 Lab File: BG054528.D
 Acq: 4 Aug 2022 21:20

Tgt Ion:264 Resp: 122983
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 17.4 26.2

