

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054447.D
 Acq On : 29 Jul 2022 13:24
 Operator : CG/JU
 Sample : N3895-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-43

Quant Time: Jul 30 03:17:55 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)

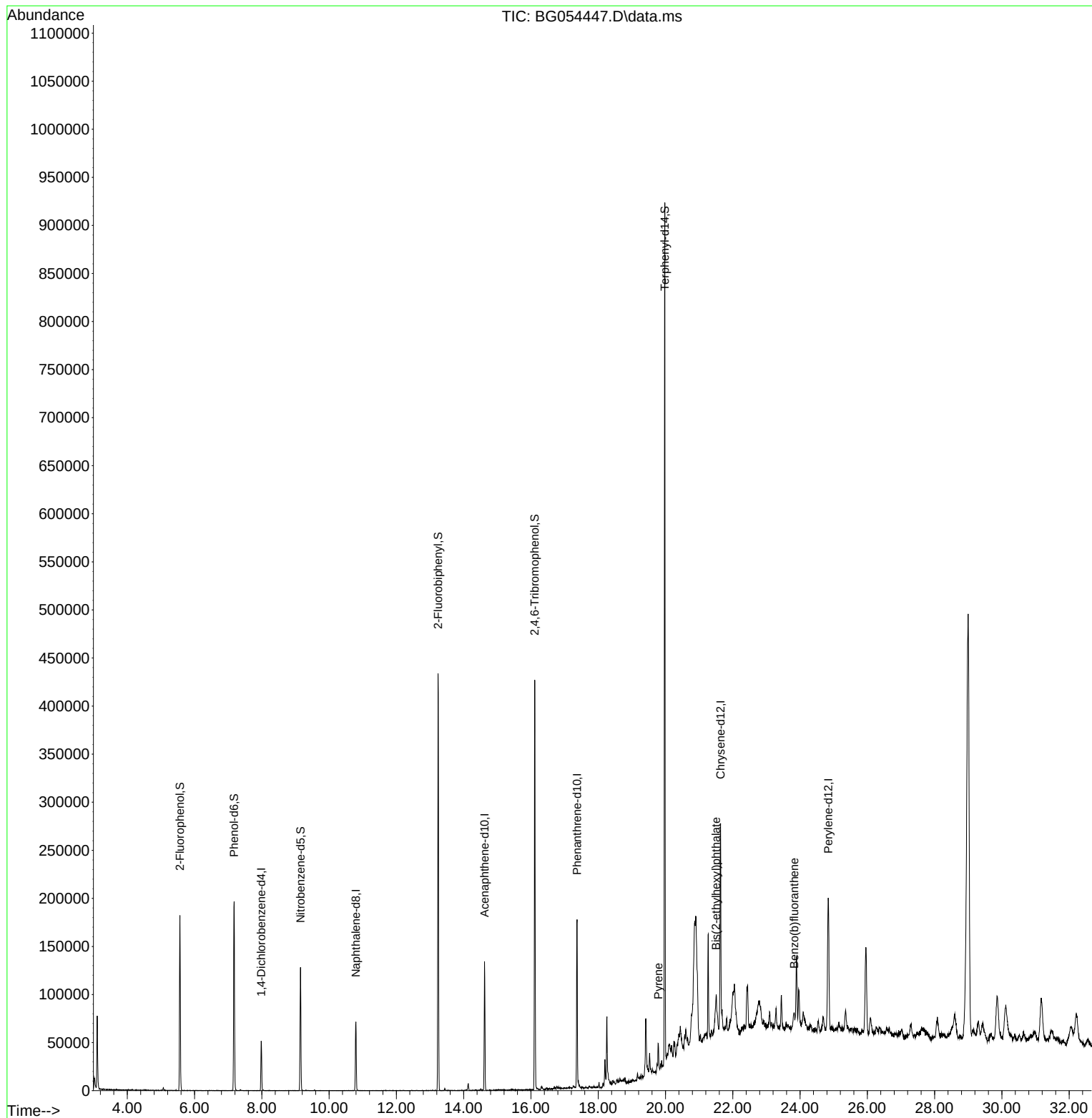
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	16647	20.000	ng	# 0.00
21) Naphthalene-d8	10.797	136	66234	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	51374	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	126715	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	142372	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	151594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	83406	104.609	ng	0.00
7) Phenol-d6	7.177	99	115563	105.777	ng	0.00
23) Nitrobenzene-d5	9.151	82	78824	64.808	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	113159	104.907	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	251346	69.018	ng	0.00
79) Terphenyl-d14	19.980	244	510572	71.143	ng	0.00
Target Compounds						
78) Pyrene	19.786	202	20232	2.477	ng	Qvalue 95
84) Bis(2-ethylhexyl)phtha...	21.508	149	8097	2.248	ng	# 94
88) Benzo(b)fluoranthene	23.828	252	21139	2.358	ng	# 96

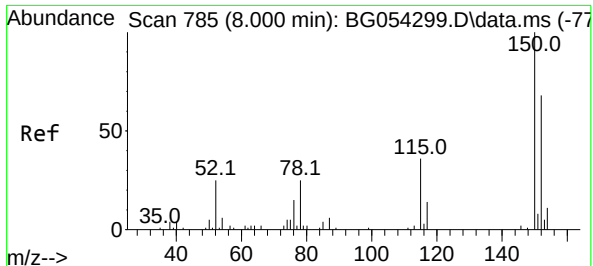
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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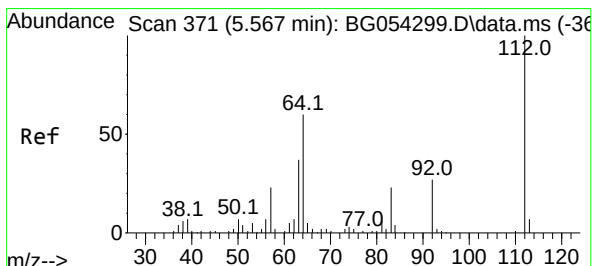
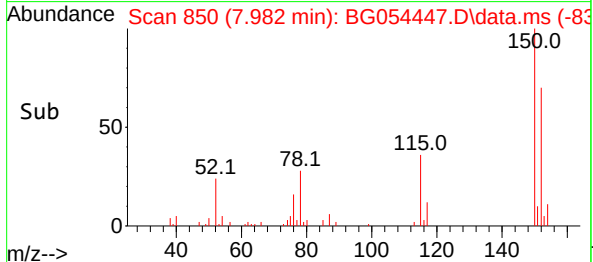
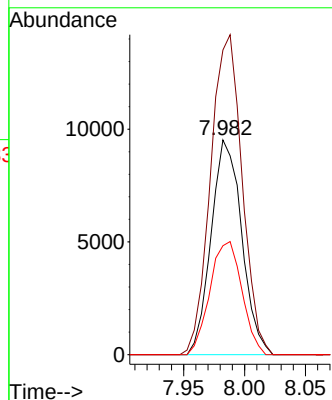
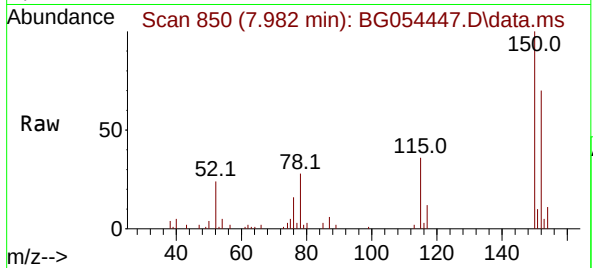




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

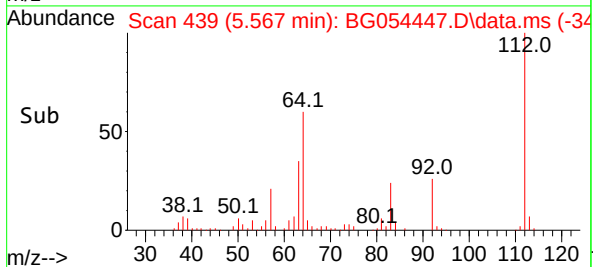
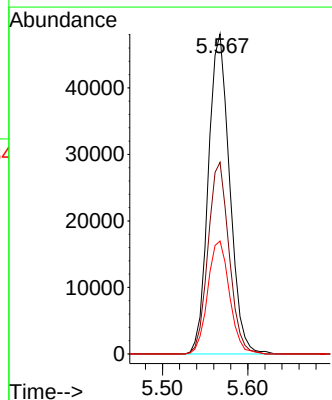
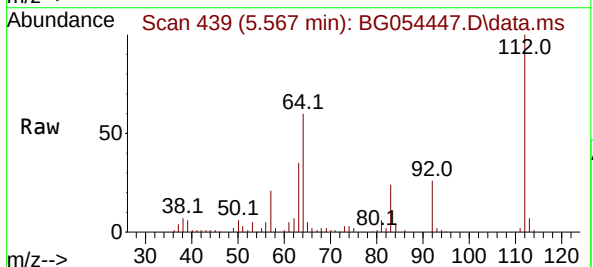
Instrument :
BNA_G
ClientSampleId :
RVE-43

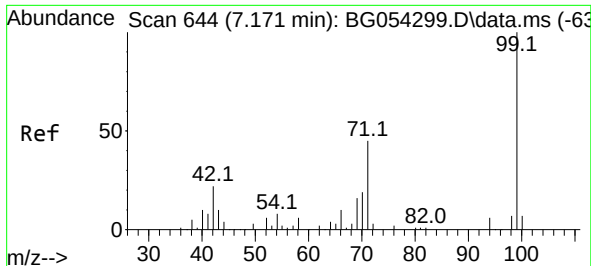
Tgt Ion:152 Resp: 16647
Ion Ratio Lower Upper
152 100
150 141.9 131.6 197.4
115 50.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 104.609 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:112 Resp: 83406
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 35.3 30.4 45.6

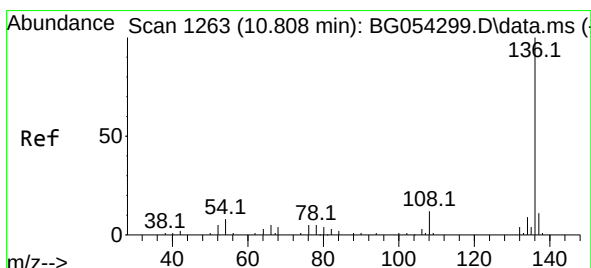
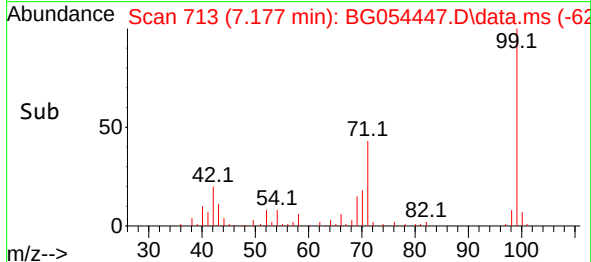
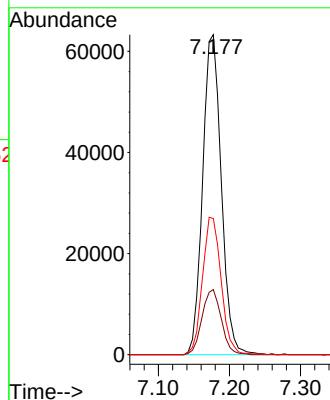
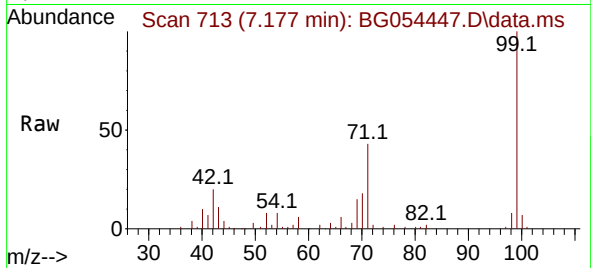




#7
Phenol-d6
Concen: 105.777 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

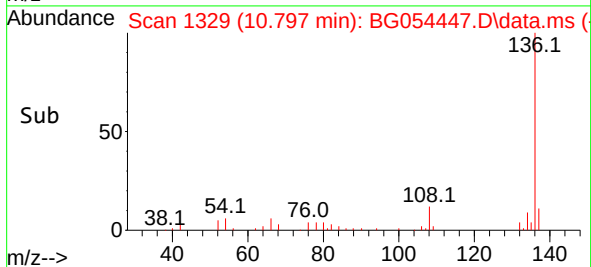
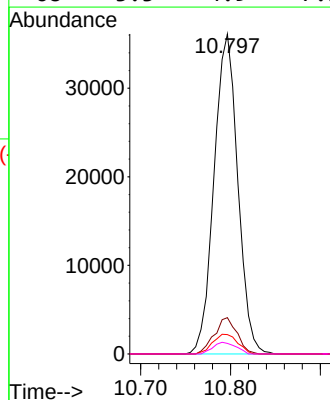
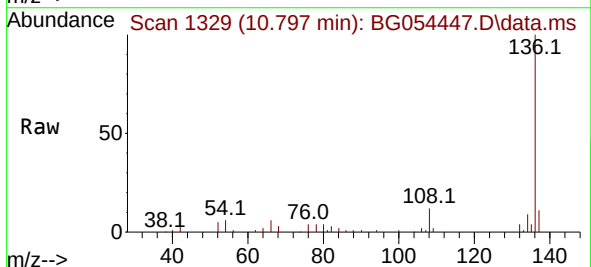
Instrument :
BNA_G
ClientSampleId :
RVE-43

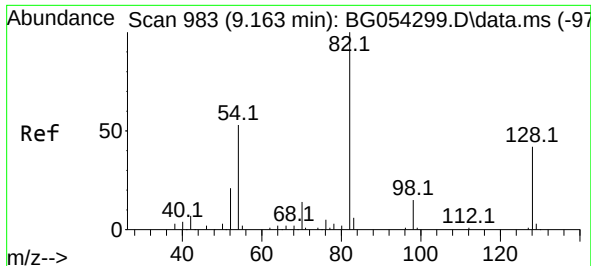
Tgt Ion: 99 Resp: 115563
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion: 136 Resp: 66234
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 6.0 7.4 11.2#
68 3.3 4.9 7.3#

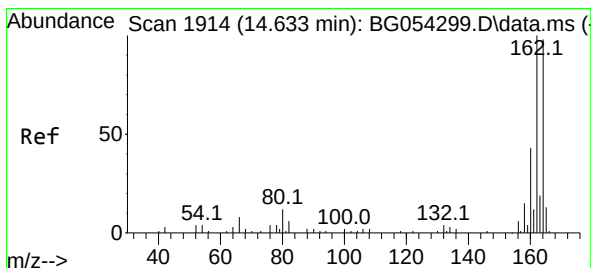
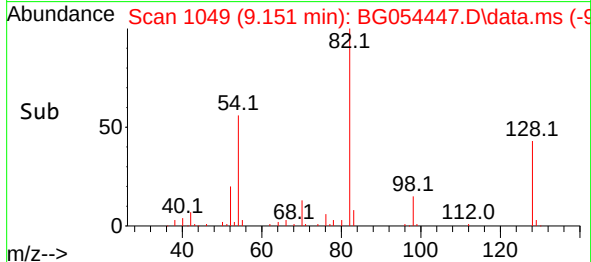
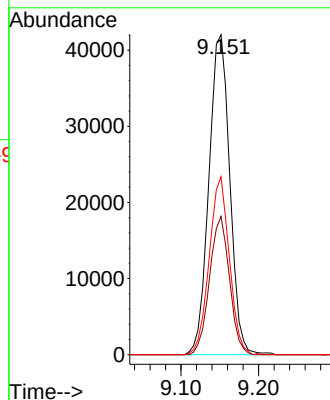
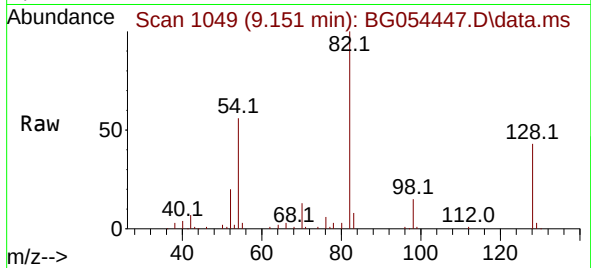




#23
Nitrobenzene-d5
Concen: 64.808 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

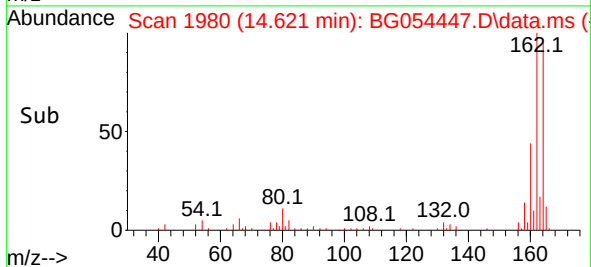
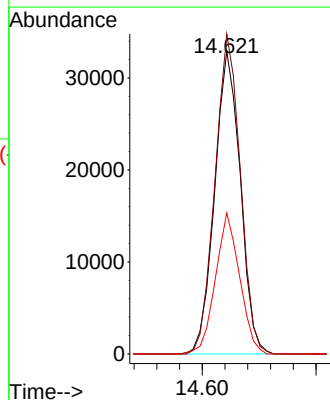
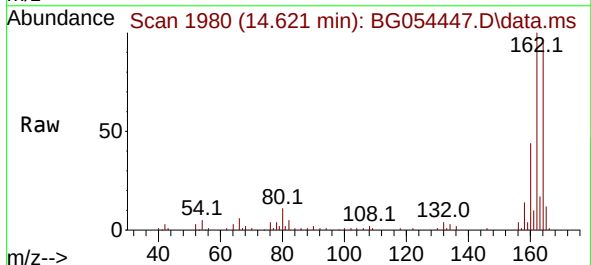
Instrument :
BNA_G
ClientSampleId :
RVE-43

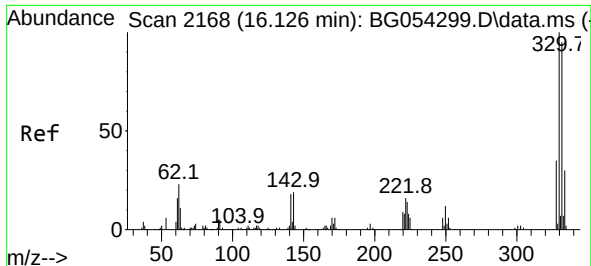
Tgt Ion: 82 Resp: 78824
Ion Ratio Lower Upper
82 100
128 43.2 27.9 41.9#
54 55.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:164 Resp: 51374
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 46.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 104.907 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

Instrument :

BNA_G

ClientSampleId :

RVE-43

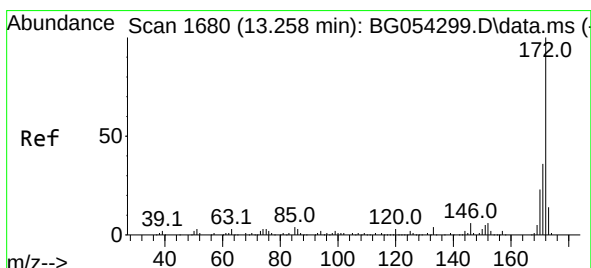
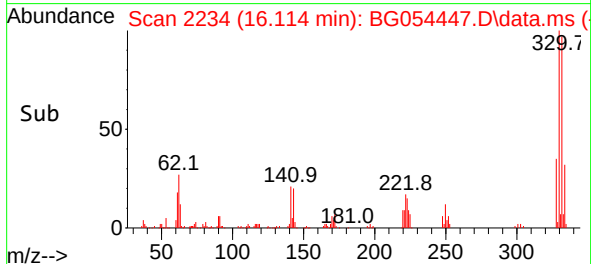
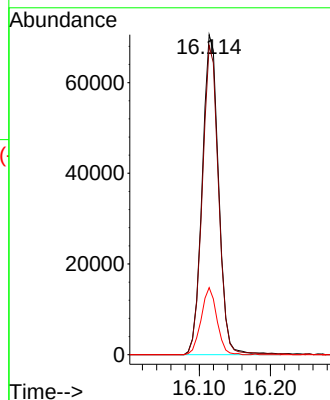
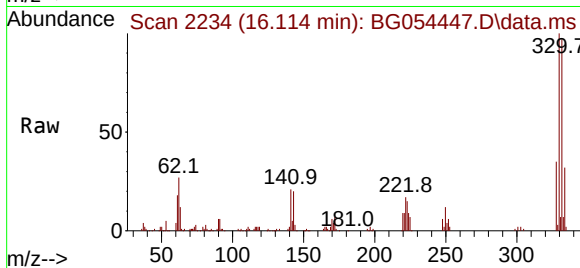
Tgt Ion:330 Resp: 113159

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 20.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 69.018 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

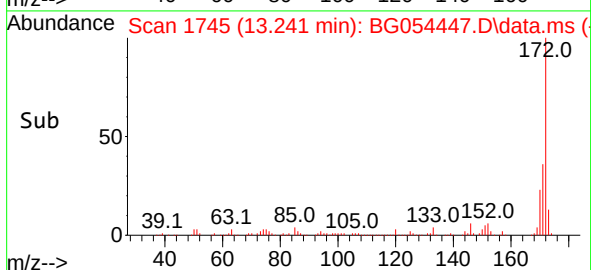
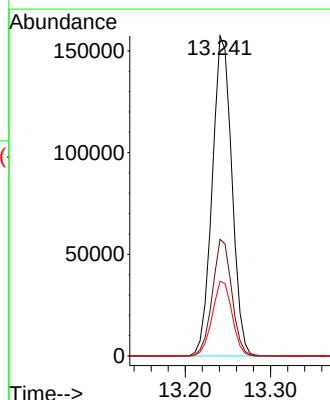
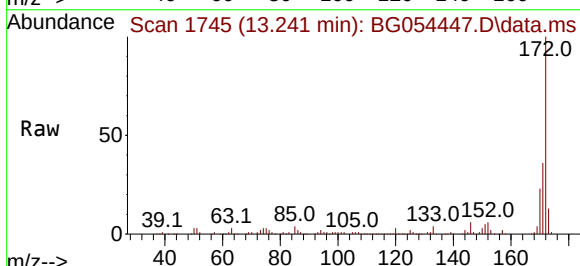
Tgt Ion:172 Resp: 251346

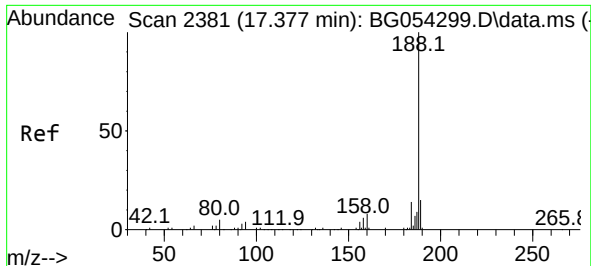
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 23.3 18.9 28.3

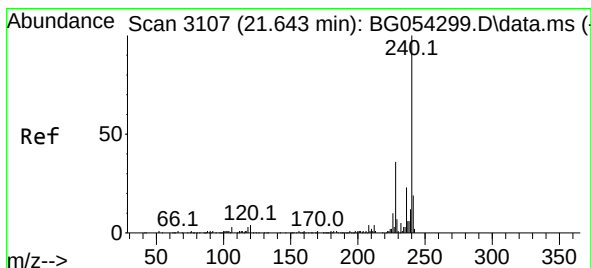
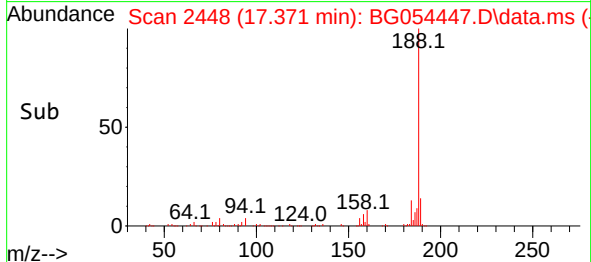
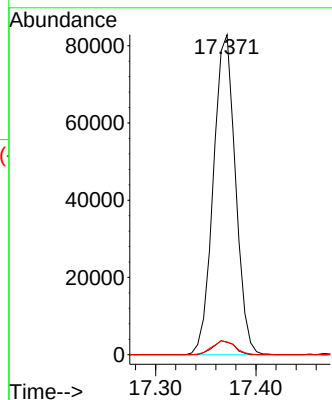
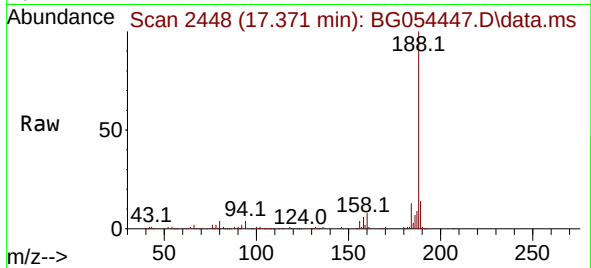




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

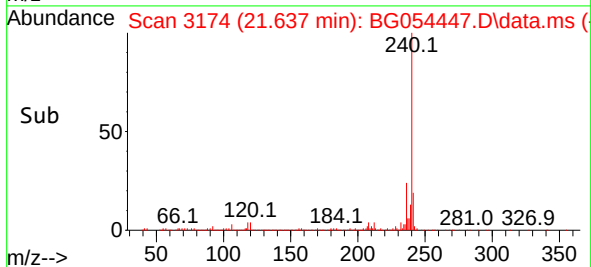
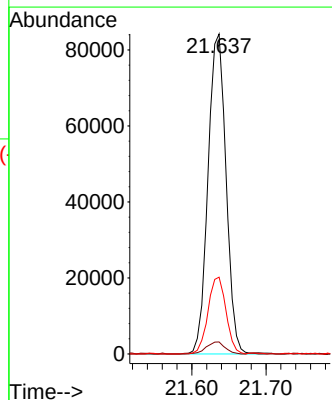
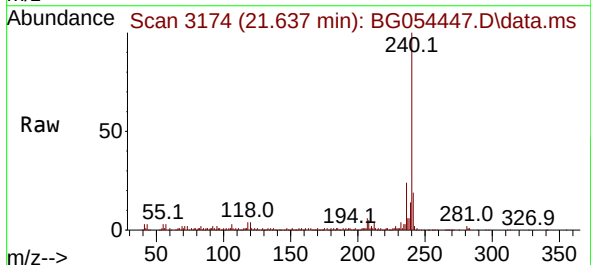
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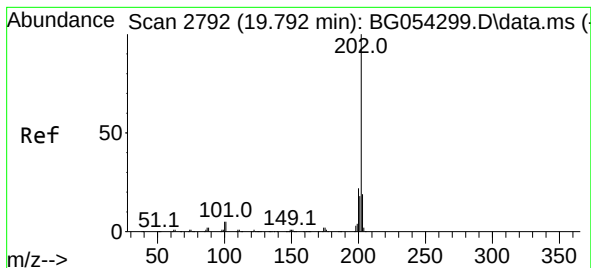
Tgt Ion:188 Resp: 126715
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.0 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:240 Resp: 142372
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.0 20.2 30.4





#78

Pyrene

Concen: 2.477 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

Instrument :

BNA_G

ClientSampleId :

RVE-43

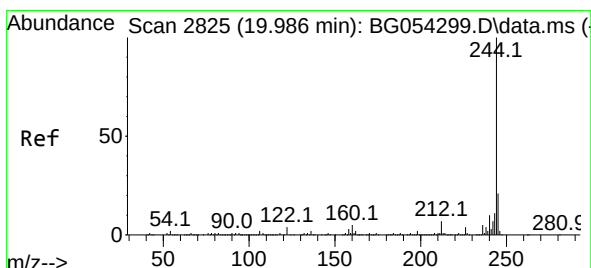
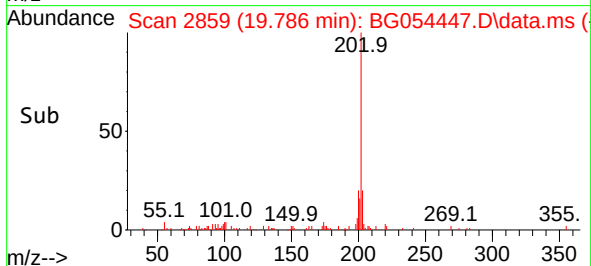
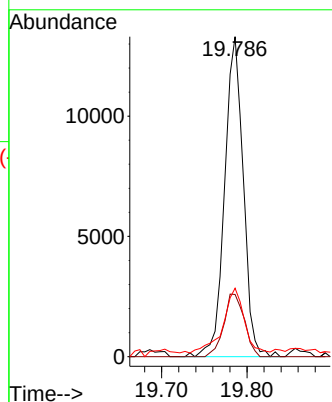
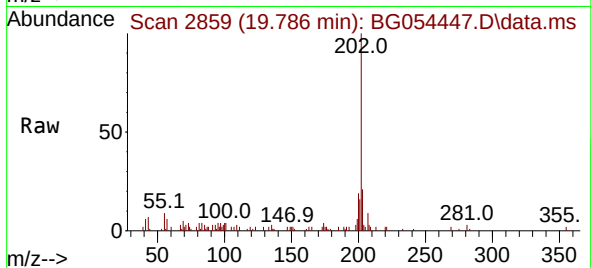
Tgt Ion:202 Resp: 20232

Ion Ratio Lower Upper

202 100

200 19.5 16.6 24.8

203 21.4 14.6 21.8



#79

Terphenyl-d14

Concen: 71.143 ng

RT: 19.980 min Scan# 2892

Delta R.T. -0.000 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

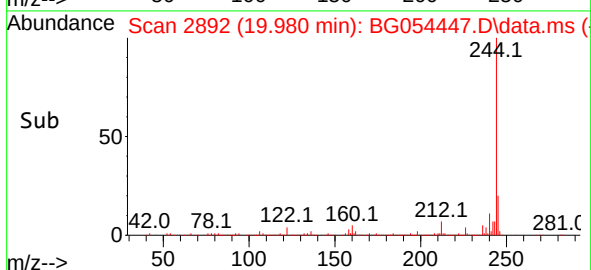
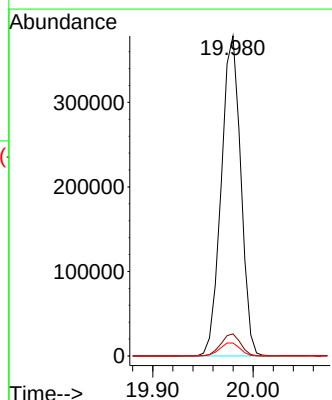
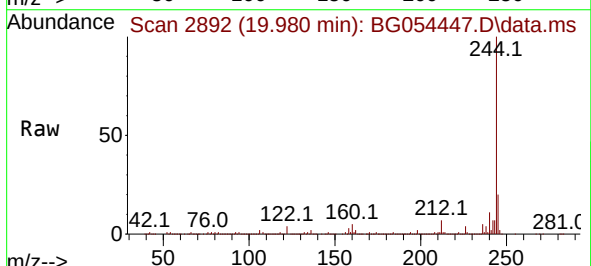
Tgt Ion:244 Resp: 510572

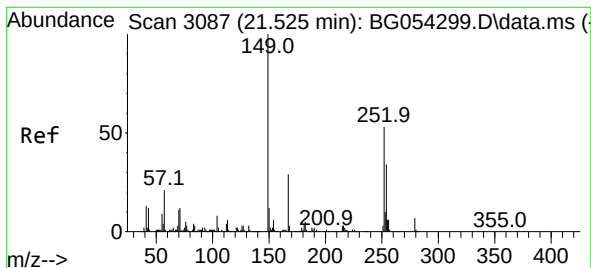
Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 4.0 5.0 7.4#

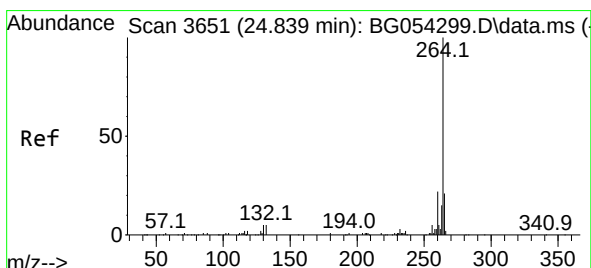
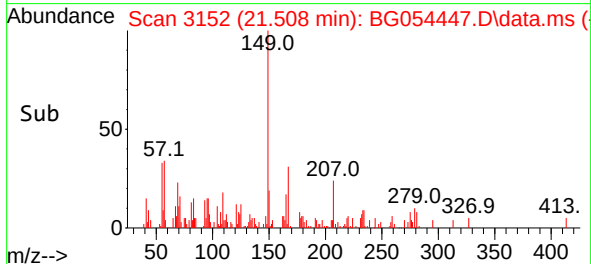
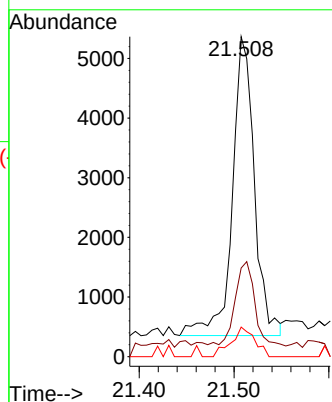
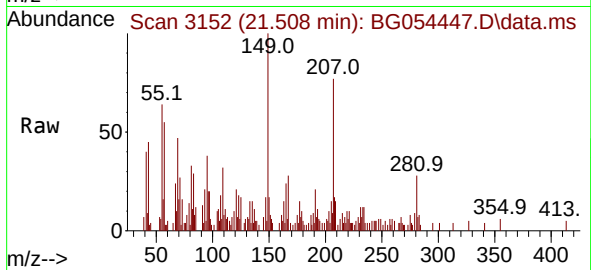




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.248 ng
RT: 21.508 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

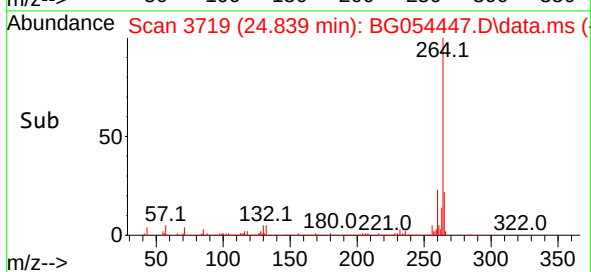
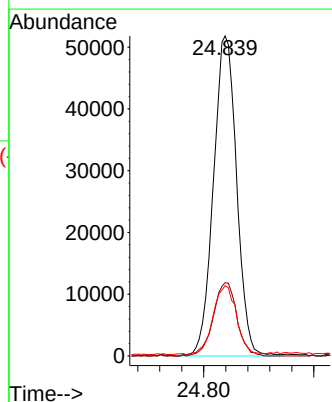
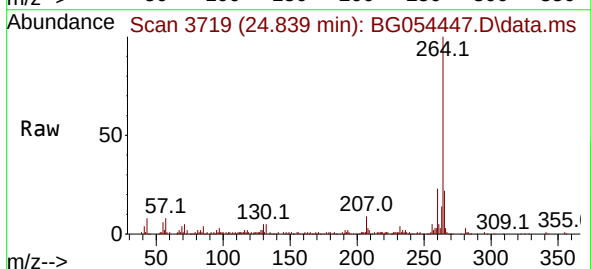
Instrument :
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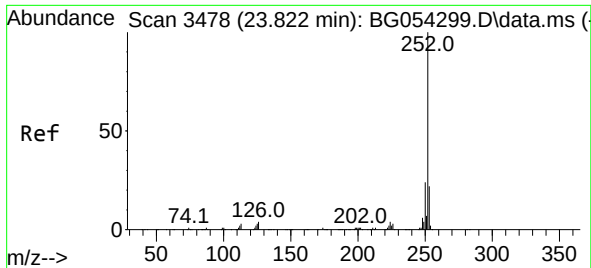
Tgt Ion:149 Resp: 8097
Ion Ratio Lower Upper
149 100
167 27.7 20.2 30.4
279 9.3 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

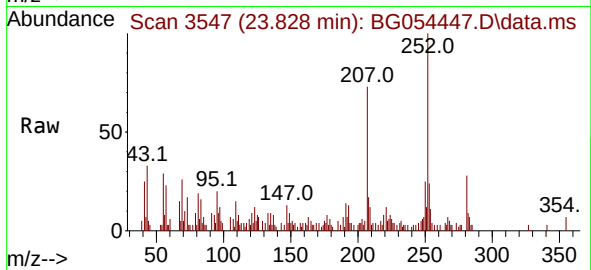
Tgt Ion:264 Resp: 151594
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 22.0 17.4 26.2





#88
 Benzo(b)fluoranthene
 Concen: 2.358 ng
 RT: 23.828 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

Instrument :
 BNA_G
 ClientSampleId :
 RVE-43



Tgt Ion:252 Resp: 21139
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.0 27.0
 125 7.9 4.6 6.8#

