

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054473.D
 Acq On : 1 Aug 2022 20:48
 Operator : CG/JU
 Sample : N3895-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-54

Quant Time: Aug 02 05:46:52 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)

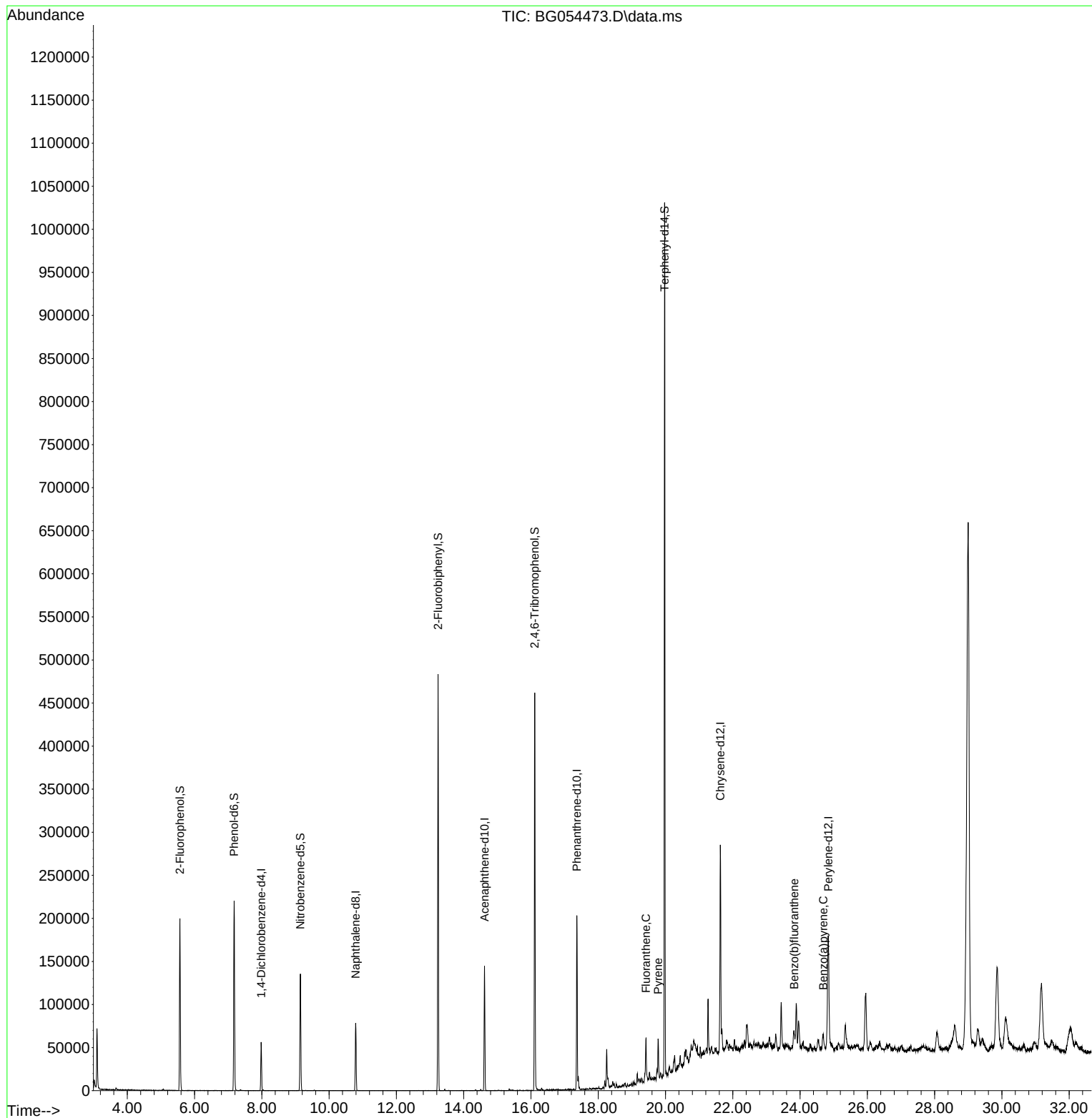
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	17913	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	71350	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	56931	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	141021	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	158114	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	167811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	91501	106.651	ng	0.00
7) Phenol-d6	7.177	99	126238	107.381	ng	0.00
23) Nitrobenzene-d5	9.146	82	83508	63.736	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	124394	104.066	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	274286	67.965	ng	0.00
79) Terphenyl-d14	19.974	244	570789	71.615	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.422	202	27186	2.840	ng	93
78) Pyrene	19.780	202	31736	3.498	ng	96
88) Benzo(b)fluoranthene	23.828	252	25843	2.604	ng	# 99
90) Benzo(a)pyrene	24.692	252	17374	2.050	ng	# 92

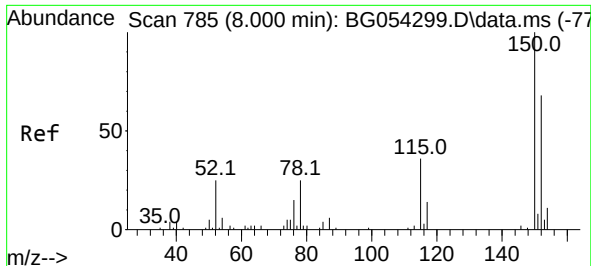
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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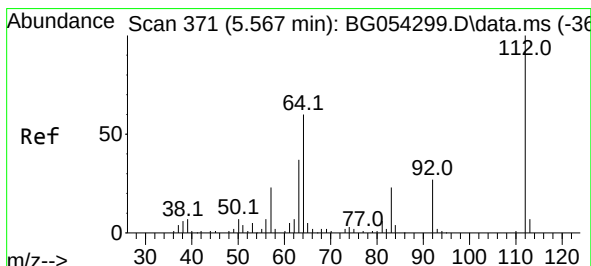
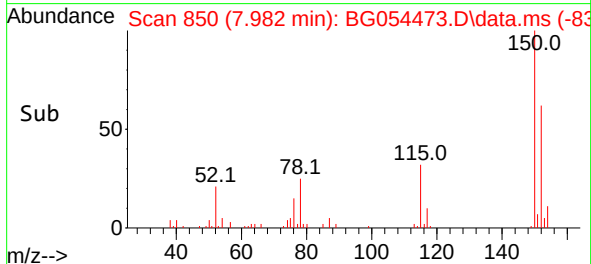
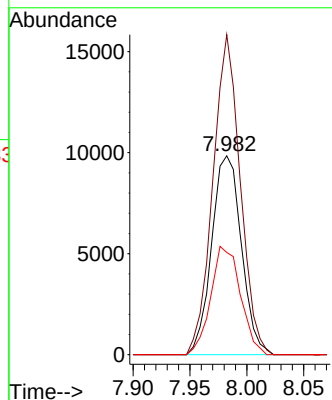
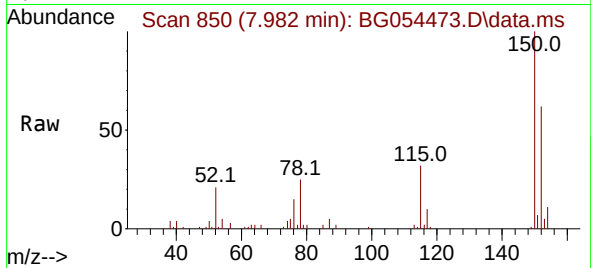




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

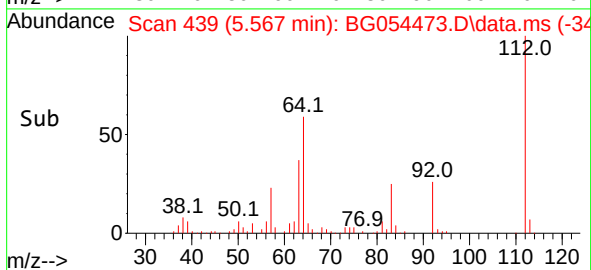
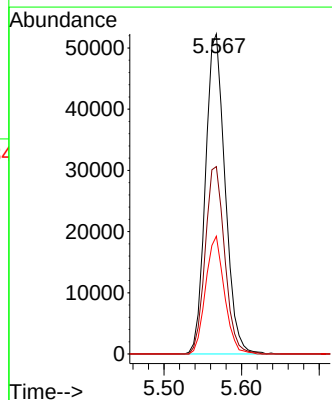
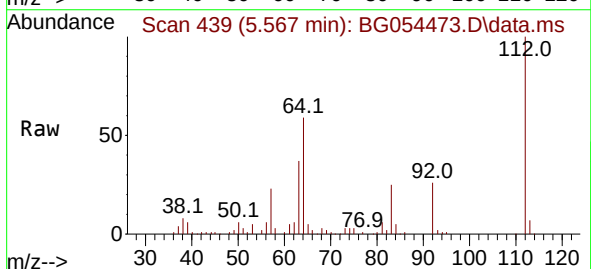
Instrument :
BNA_G
ClientSampleId :
RVE-54

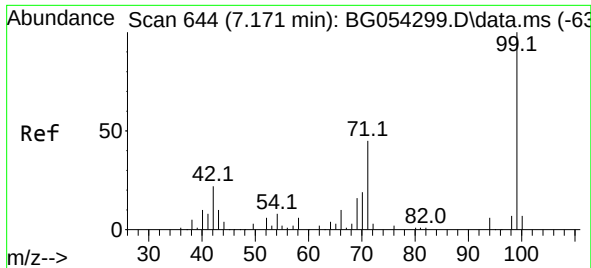
Tgt Ion:152 Resp: 17913
Ion Ratio Lower Upper
152 100
150 160.9 131.6 197.4
115 51.4 50.9 76.3



#5
2-Fluorophenol
Concen: 106.651 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Tgt Ion:112 Resp: 91501
Ion Ratio Lower Upper
112 100
64 58.6 55.1 82.7
63 36.8 30.4 45.6

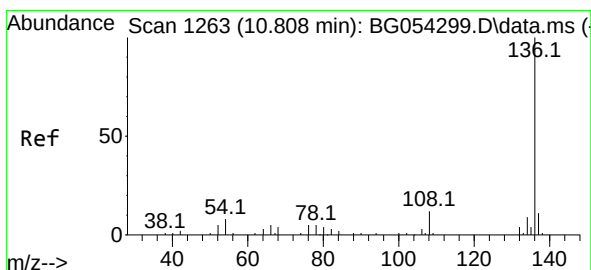
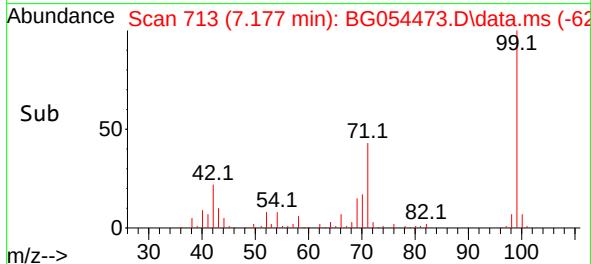
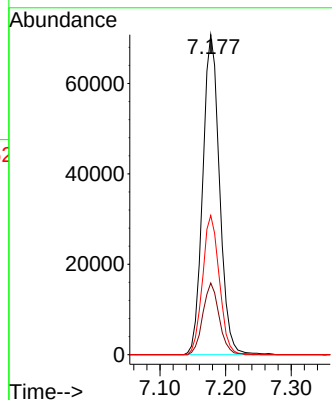
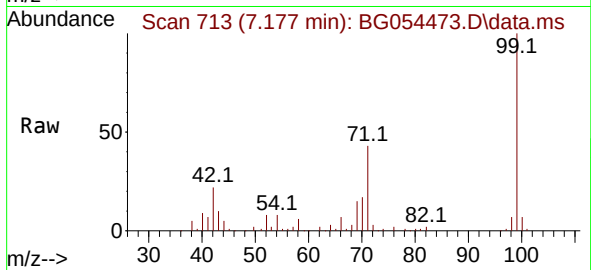




#7
Phenol-d6
Concen: 107.381 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

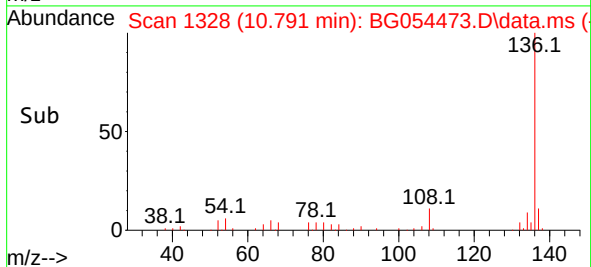
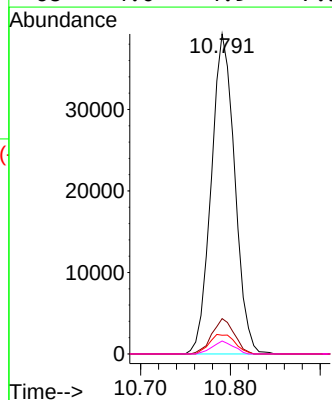
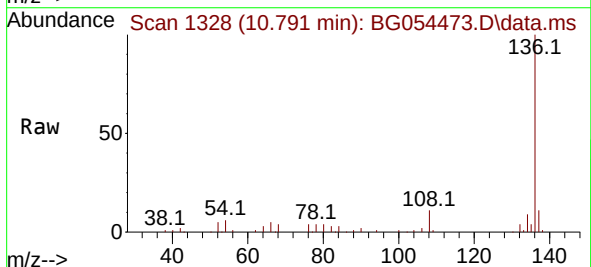
Instrument :
BNA_G
ClientSampleId :
RVE-54

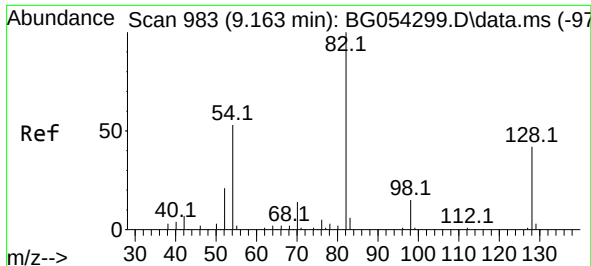
Tgt Ion: 99 Resp: 126238
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 43.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Tgt Ion: 136 Resp: 71350
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 5.8 7.4 11.2#
68 4.0 4.9 7.3#

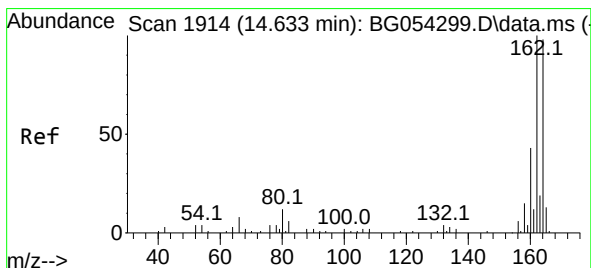
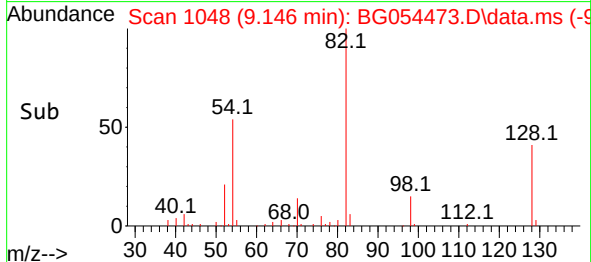
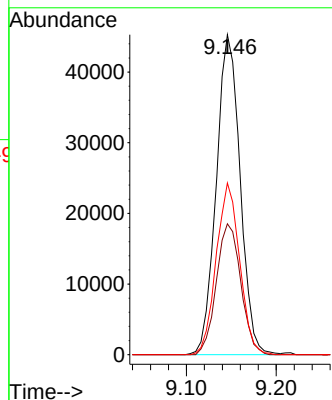
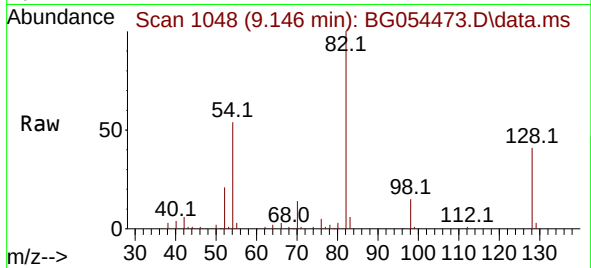




#23
Nitrobenzene-d5
Concen: 63.736 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

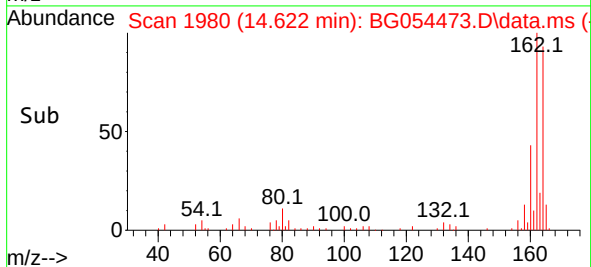
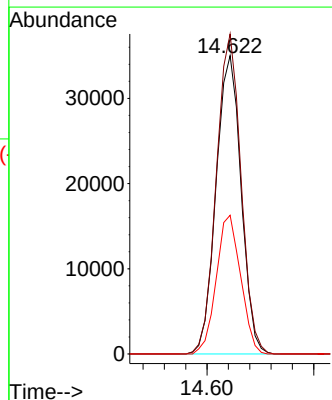
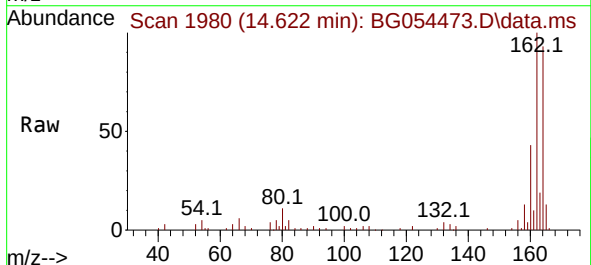
Instrument :
BNA_G
ClientSampleId :
RVE-54

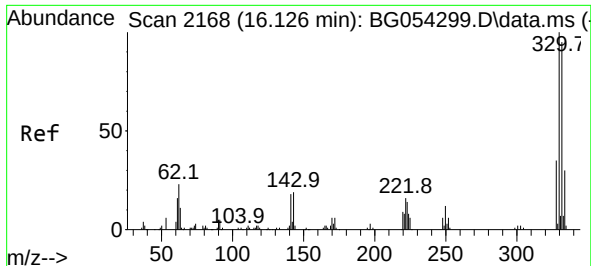
Tgt Ion: 82 Resp: 83508
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 53.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Tgt Ion:164 Resp: 56931
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 46.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 104.066 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054473.D

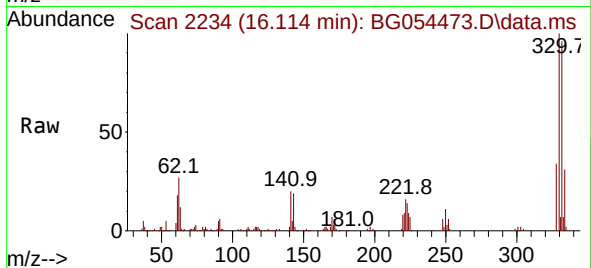
Acq: 1 Aug 2022 20:48

Instrument :

BNA_G

ClientSampleId :

RVE-54



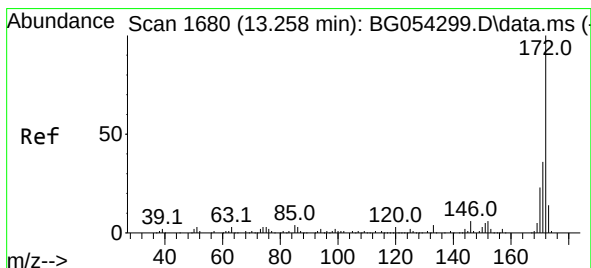
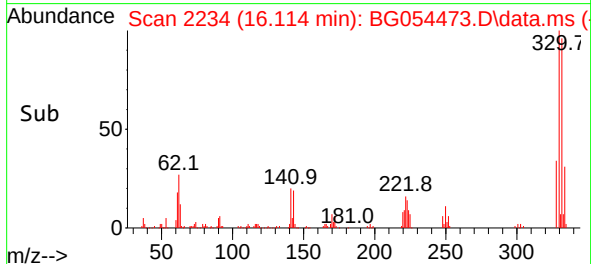
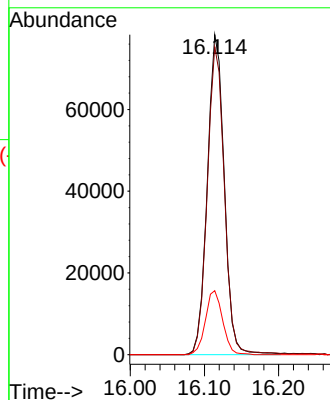
Tgt Ion:330 Resp: 124394

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 20.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 67.965 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054473.D

Acq: 1 Aug 2022 20:48

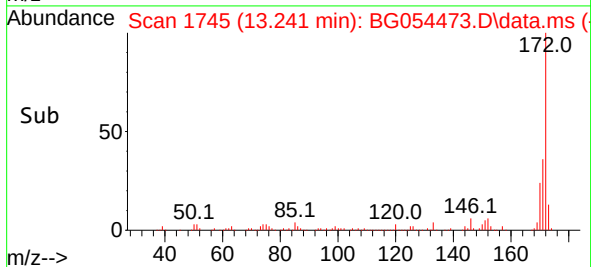
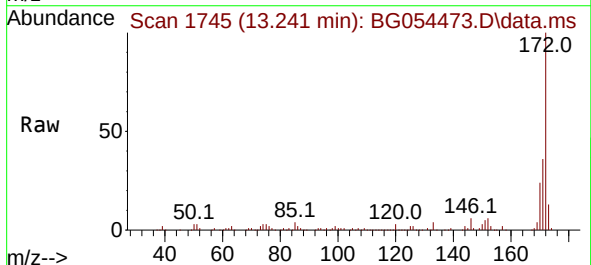
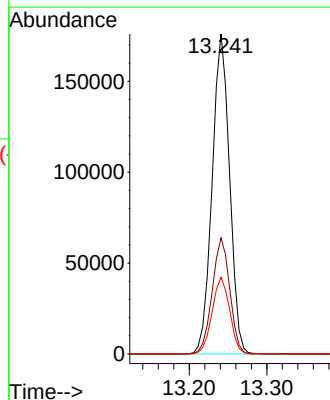
Tgt Ion:172 Resp: 274286

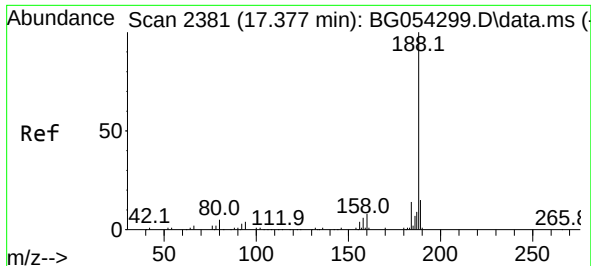
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.0 18.9 28.3

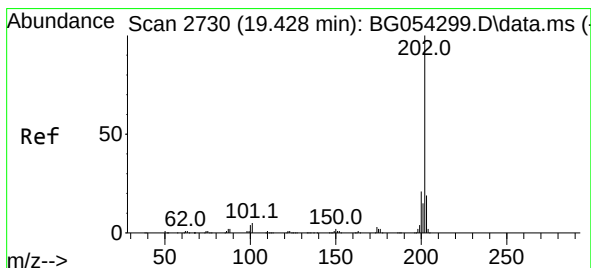
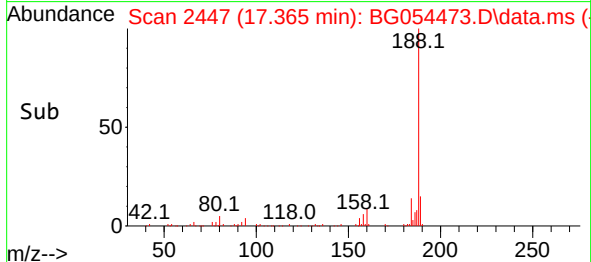
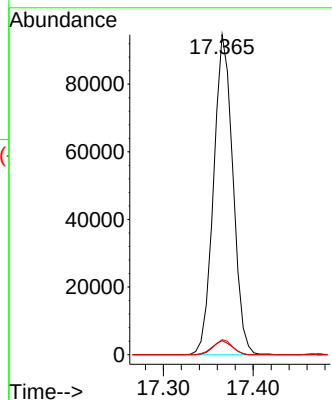
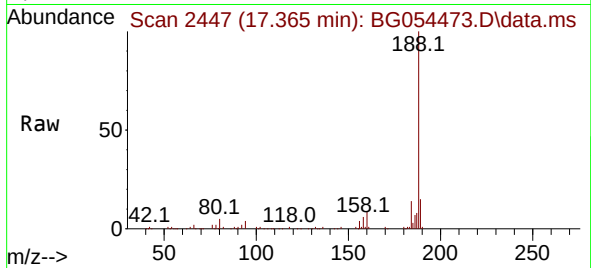




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

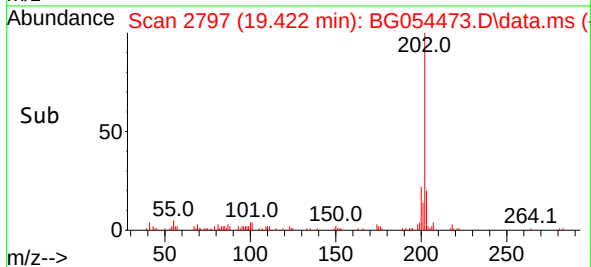
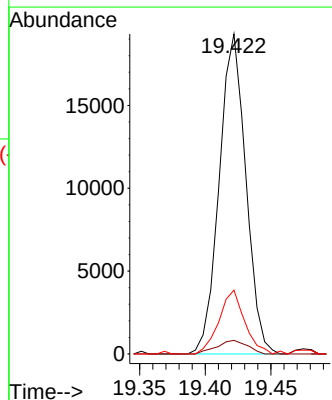
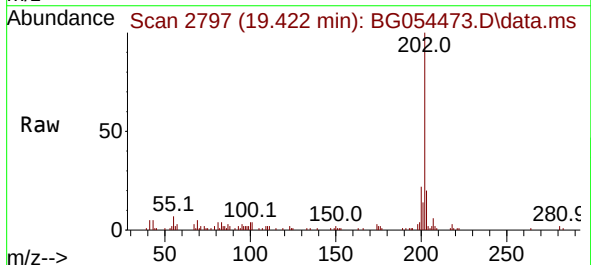
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ClientSampleId :
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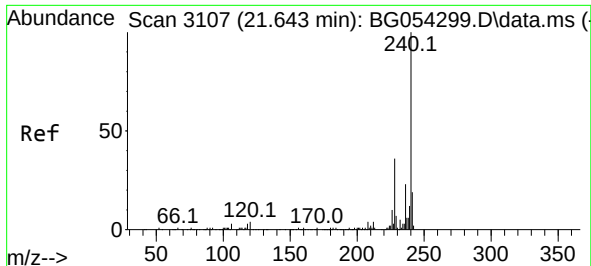
Tgt Ion:188 Resp: 141021
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.7 6.8 10.2#



#75
Fluoranthene
Concen: 2.840 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Tgt Ion:202 Resp: 27186
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 20.0 0.0 37.2

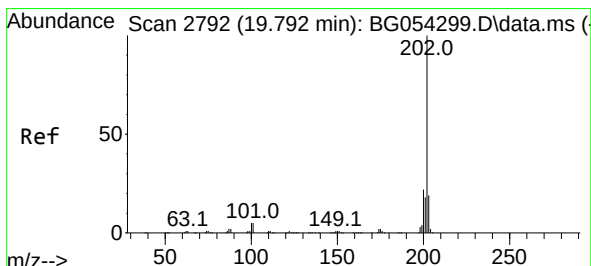
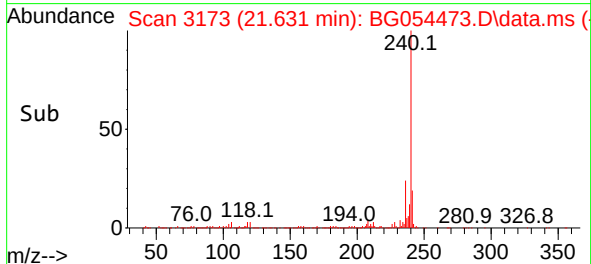
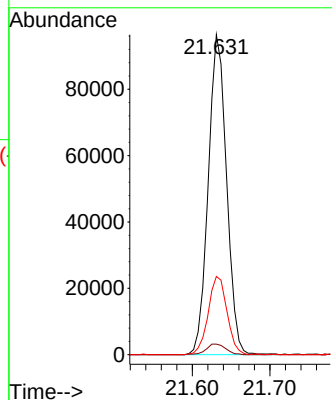
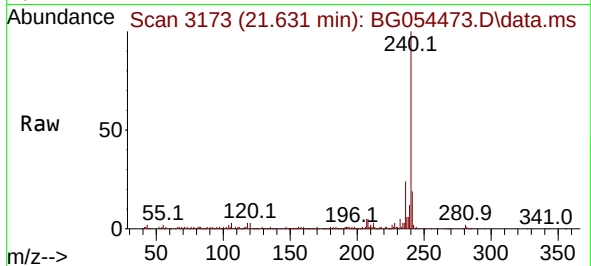




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

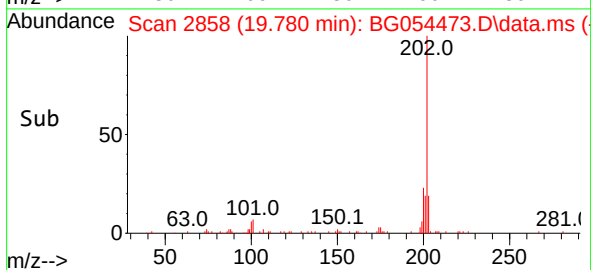
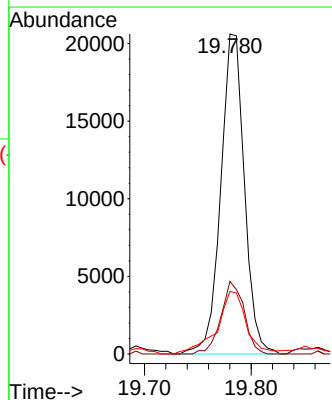
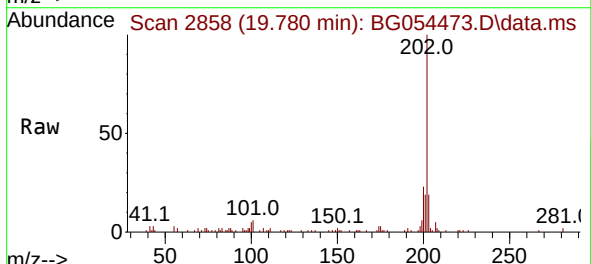
Instrument :
BNA_G
ClientSampleId :
RVE-54

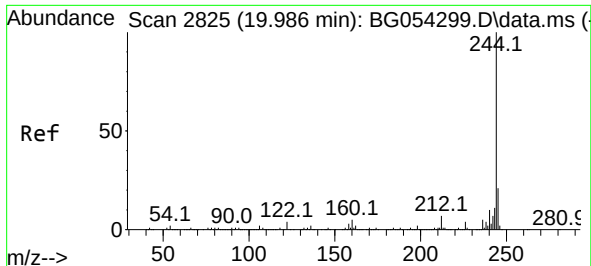
Tgt Ion:240 Resp: 158114
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.5 20.2 30.4



#78
Pyrene
Concen: 3.498 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

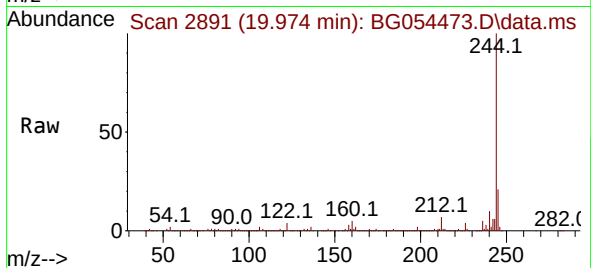
Tgt Ion:202 Resp: 31736
Ion Ratio Lower Upper
202 100
200 22.6 16.6 24.8
203 19.5 14.6 21.8



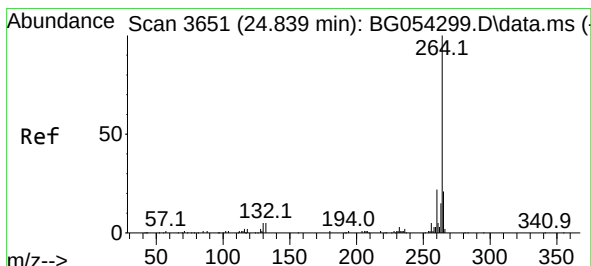
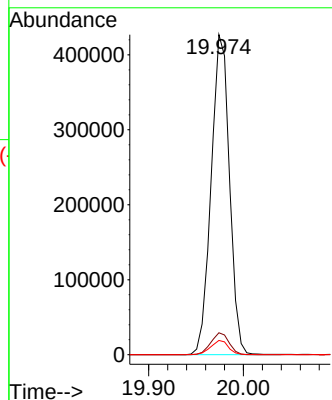
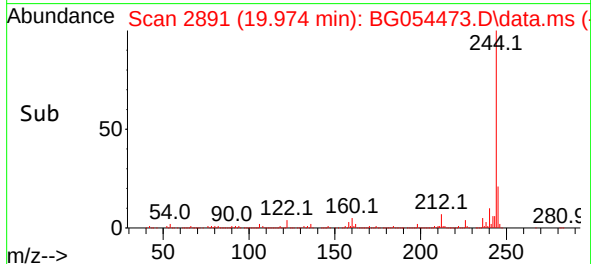


#79
 Terphenyl-d14
 Concen: 71.615 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054473.D
 Acq: 1 Aug 2022 20:48

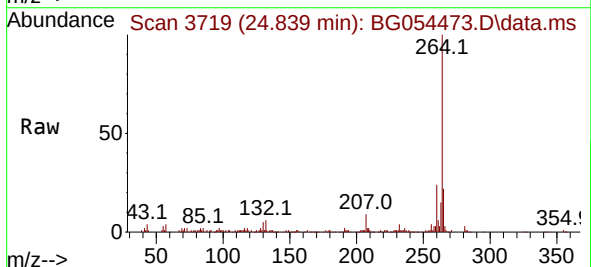
Instrument :
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 ClientSampleId :
 RVE-54



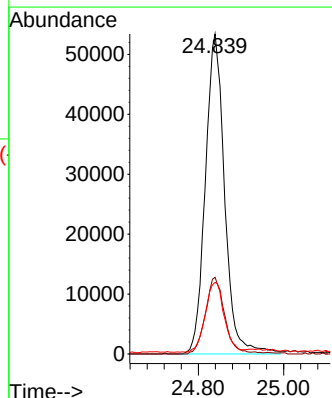
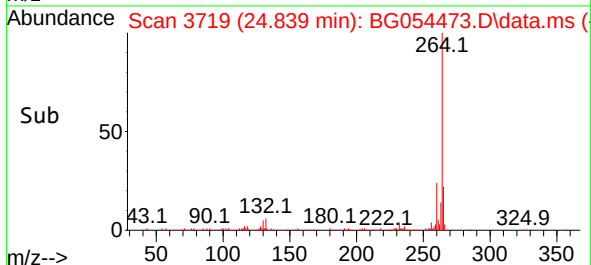
Tgt Ion:244 Resp: 570789
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.5 5.0 7.4#

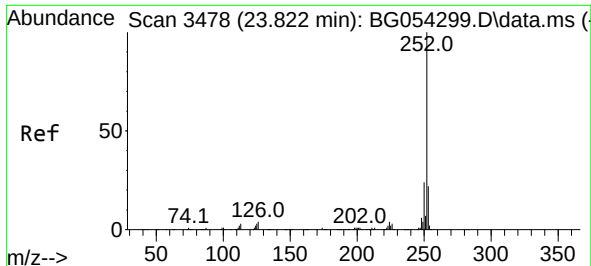


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054473.D
 Acq: 1 Aug 2022 20:48



Tgt Ion:264 Resp: 167811
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.4 17.4 26.2

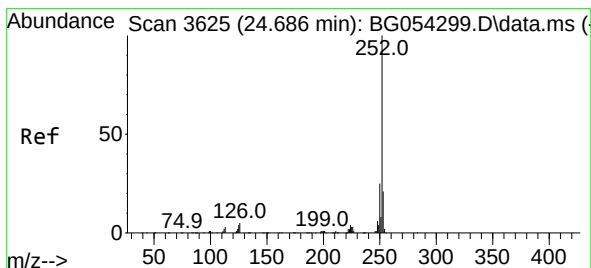
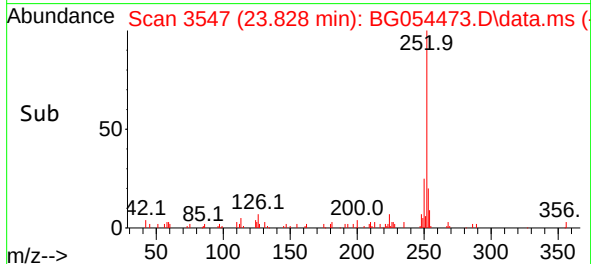
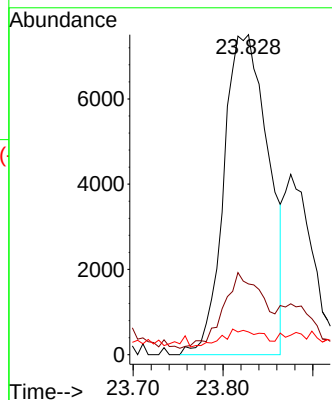
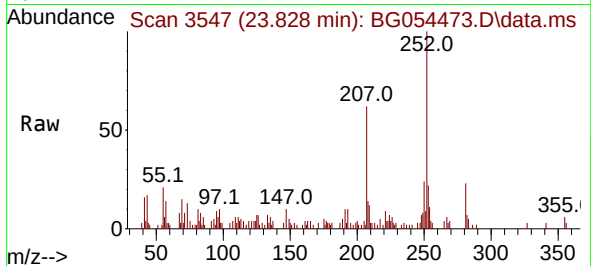




#88
Benzo(b)fluoranthene
Concen: 2.604 ng
RT: 23.828 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Instrument :
BNA_G
ClientSampleId :
RVE-54

Tgt Ion:252 Resp: 25843
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.1 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 2.050 ng
RT: 24.692 min Scan# 3694
Delta R.T. 0.006 min
Lab File: BG054473.D
Acq: 1 Aug 2022 20:48

Tgt Ion:252 Resp: 17374
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 10.1 4.3 6.5#

