

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053507.D
 Acq On : 10 May 2022 13:51
 Operator : CG/JU
 Sample : N2750-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV-RO-1/2

Quant Time: May 11 06:02:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	22652	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	90458	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	65452	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	163870	20.000	ng	0.00
76) Chrysene-d12	21.734	240	210167	20.000	ng	0.00
86) Perylene-d12	25.012	264	213113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	112751	84.475	ng	0.00
7) Phenol-d6	7.247	99	171535	84.682	ng	0.00
23) Nitrobenzene-d5	9.251	82	124393	58.538	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	71831	74.410	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	278454	62.168	ng	0.00
79) Terphenyl-d14	20.060	244	631728	55.983	ng	0.00

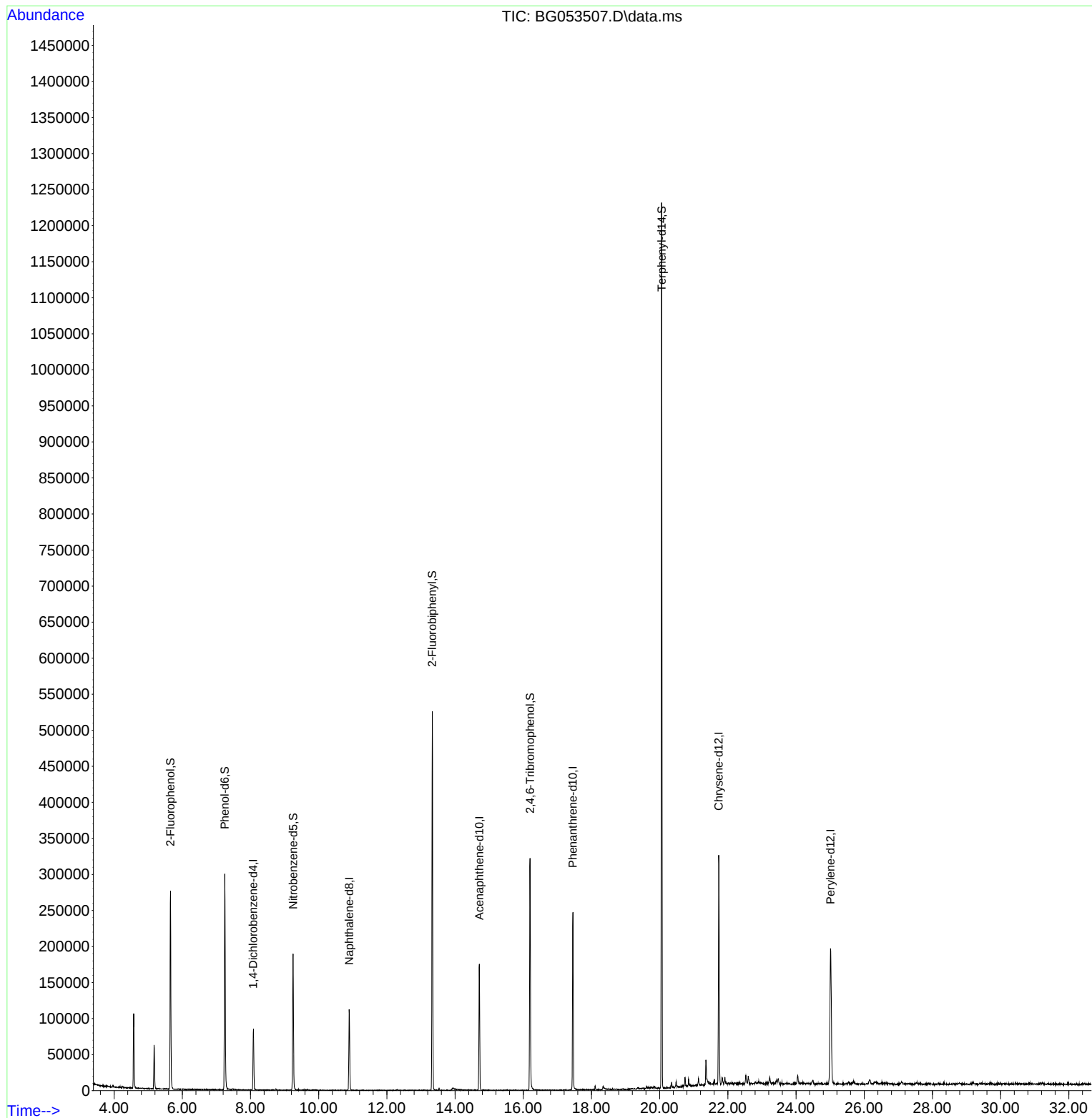
Target Compounds	Qvalue

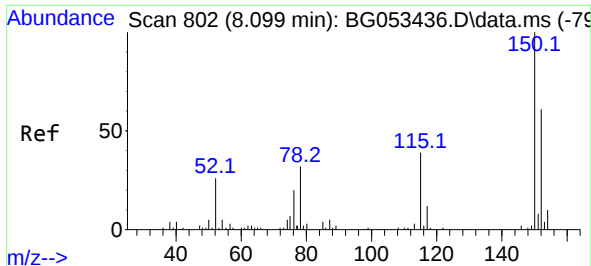
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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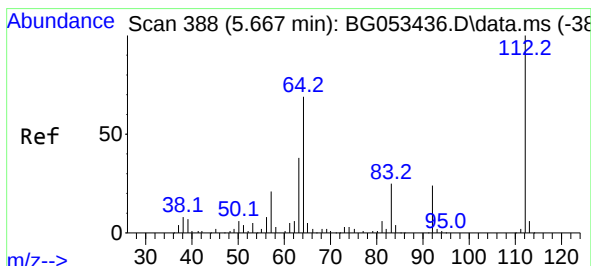
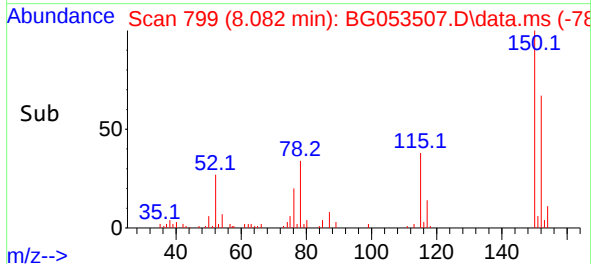
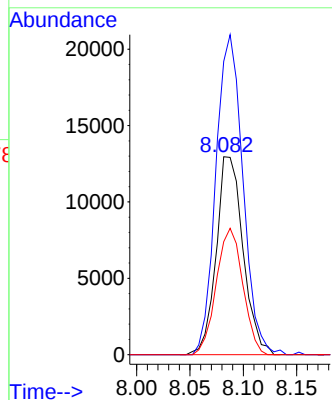
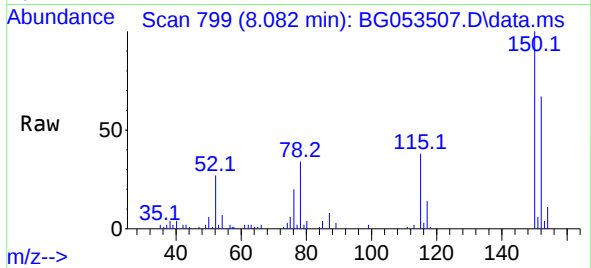




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. -0.007 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

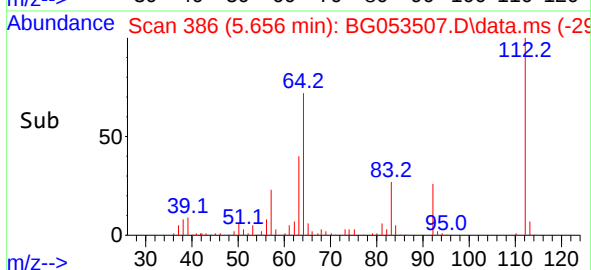
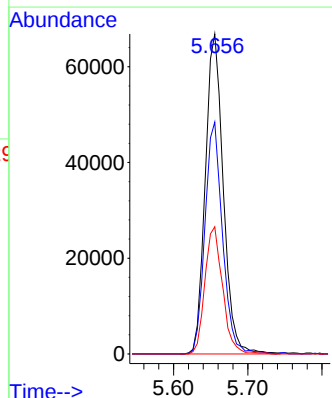
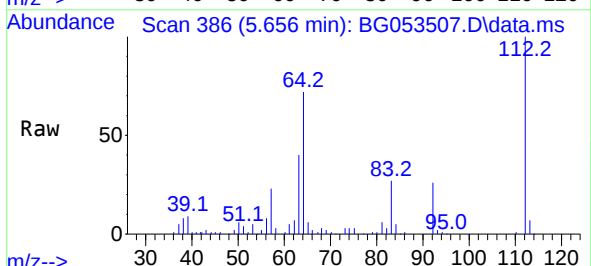
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/2

Tgt Ion:152 Resp: 22652
Ion Ratio Lower Upper
152 100
150 148.2 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 84.475 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

Tgt Ion:112 Resp: 112751
Ion Ratio Lower Upper
112 100
64 72.4 55.1 82.7
63 39.7 30.4 45.6

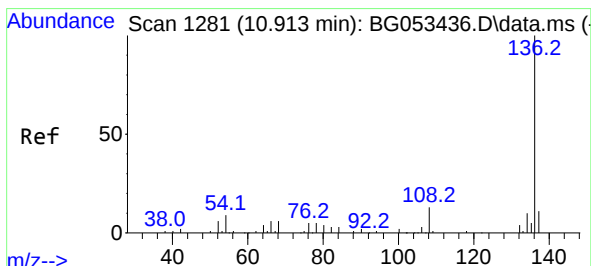
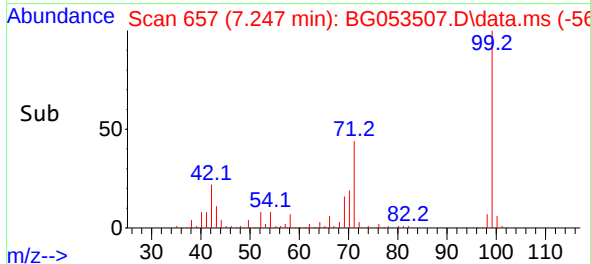
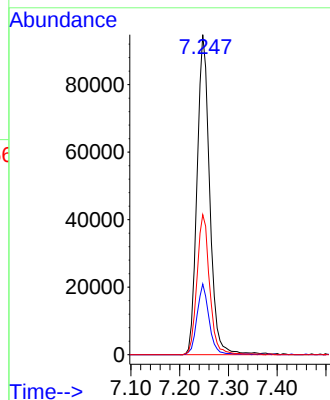
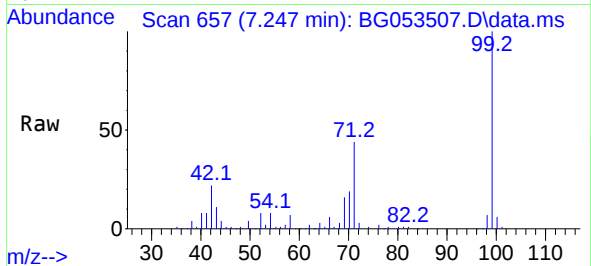




#7
Phenol-d6
Concen: 84.682 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

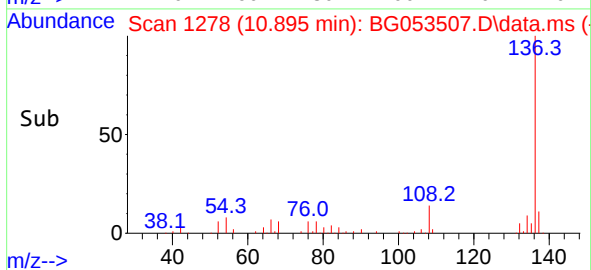
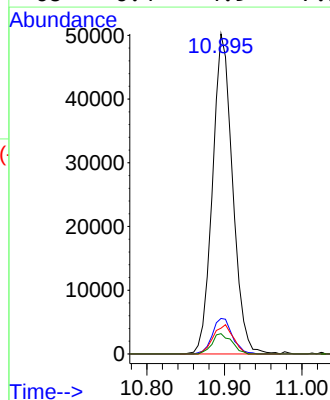
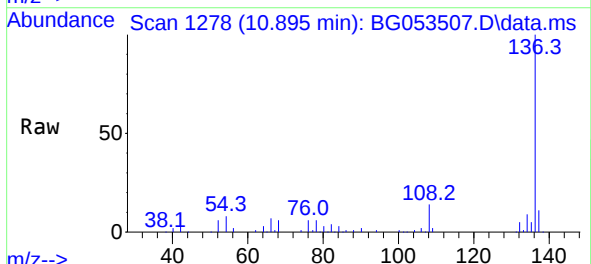
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/2

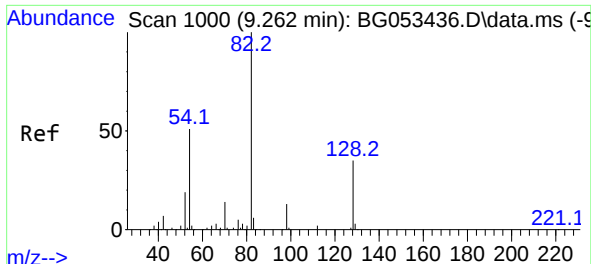
Tgt Ion: 99 Resp: 171535
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 43.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

Tgt Ion: 136 Resp: 90458
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.0 7.4 11.2
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.538 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.002 min

Lab File: BG053507.D

Acq: 10 May 2022 13:51

Instrument :

BNA_G

ClientSampleId :

SV-RO-1/2

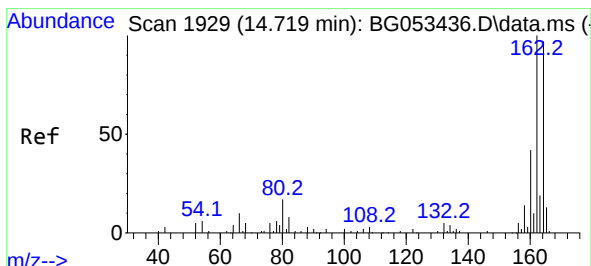
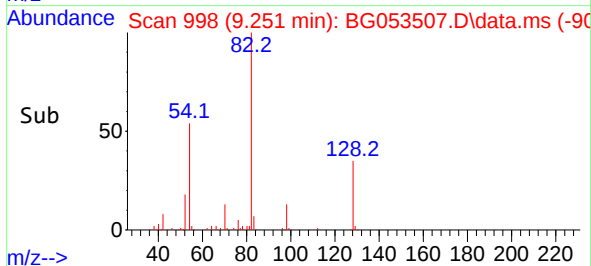
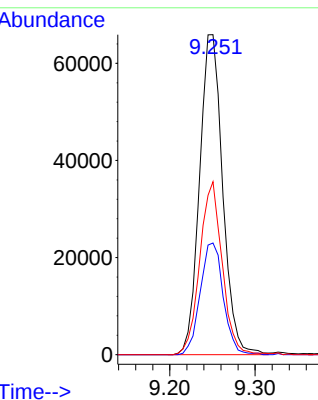
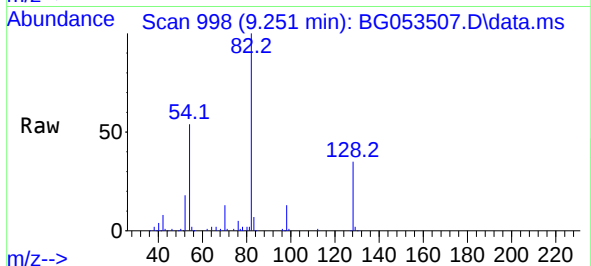
Tgt Ion: 82 Resp: 124393

Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

54 54.1 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.714 min Scan# 1928

Delta R.T. -0.002 min

Lab File: BG053507.D

Acq: 10 May 2022 13:51

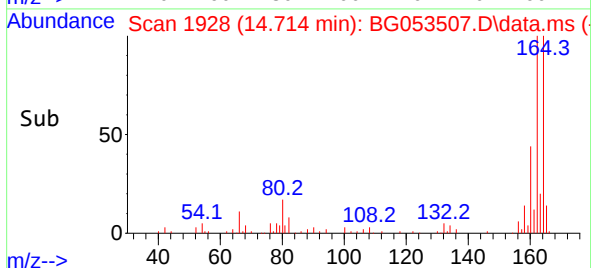
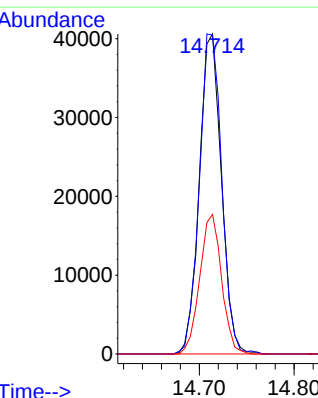
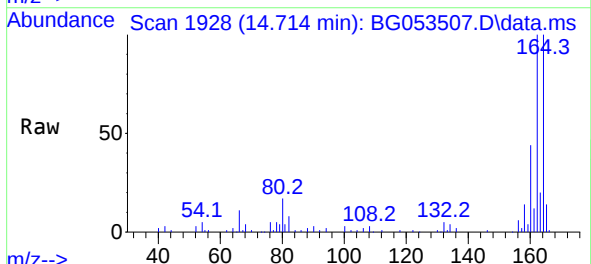
Tgt Ion: 164 Resp: 65452

Ion Ratio Lower Upper

164 100

162 99.6 82.3 123.5

160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 74.410 ng

RT: 16.200 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053507.D

Acq: 10 May 2022 13:51

Instrument :

BNA_G

ClientSampleId :

SV-RO-1/2

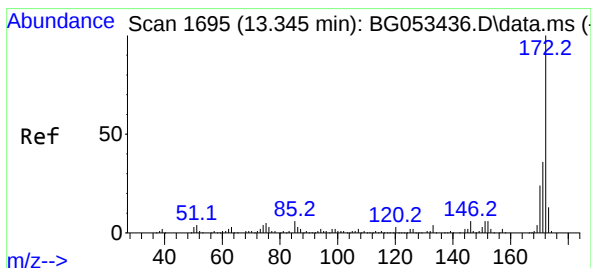
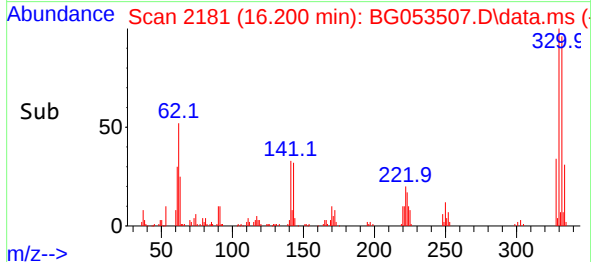
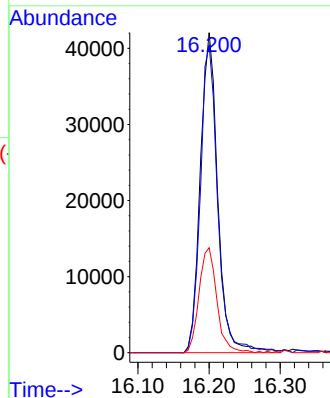
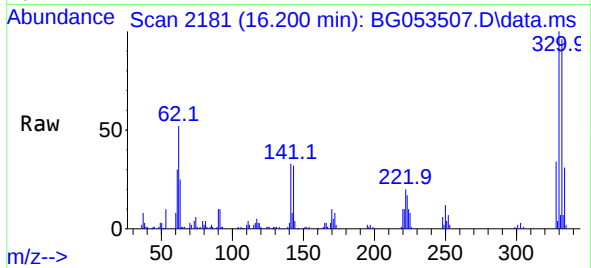
Tgt Ion:330 Resp: 71831

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 33.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 62.168 ng

RT: 13.333 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BG053507.D

Acq: 10 May 2022 13:51

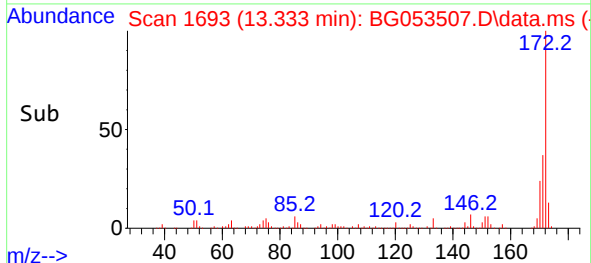
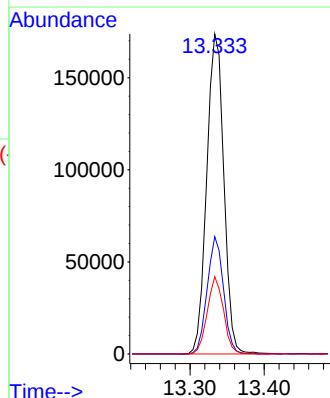
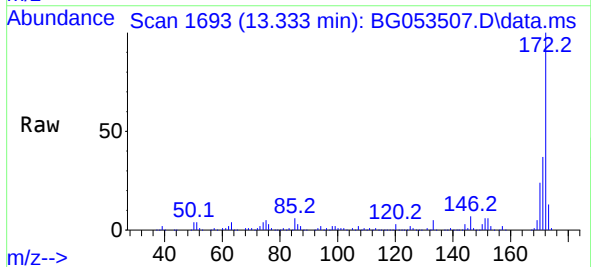
Tgt Ion:172 Resp: 278454

Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

170 24.2 18.9 28.3

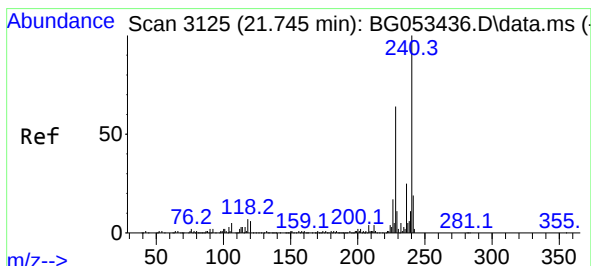
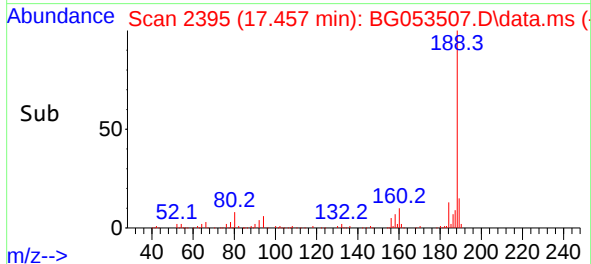
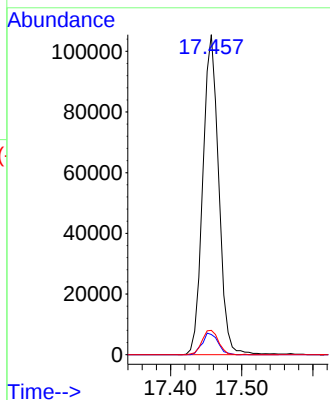
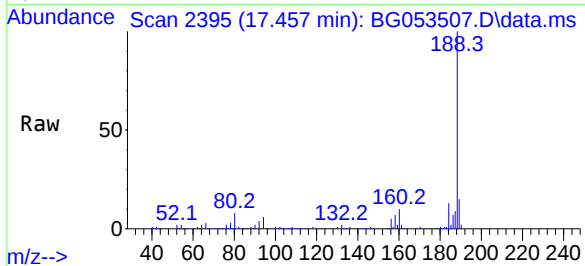




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

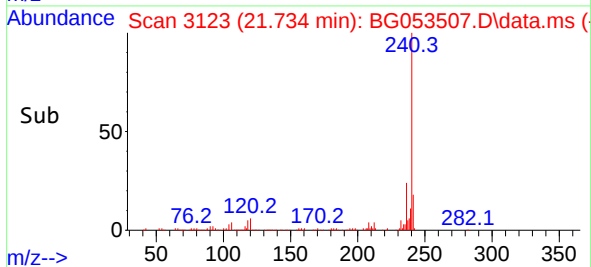
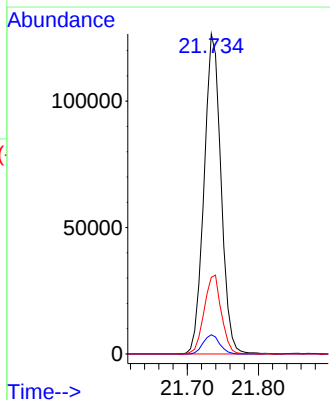
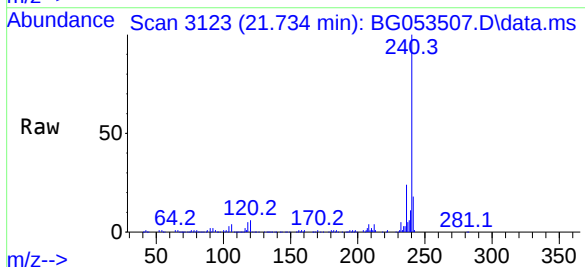
Instrument :
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SV-RO-1/2

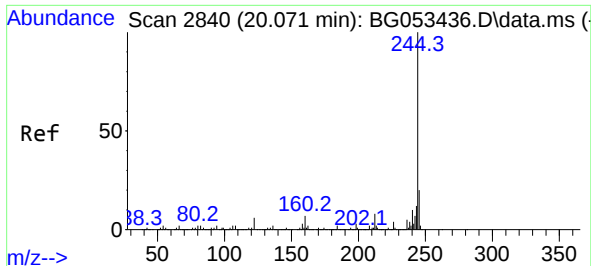
Tgt Ion:188 Resp: 163870
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053507.D
Acq: 10 May 2022 13:51

Tgt Ion:240 Resp: 210167
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 23.9 20.2 30.4

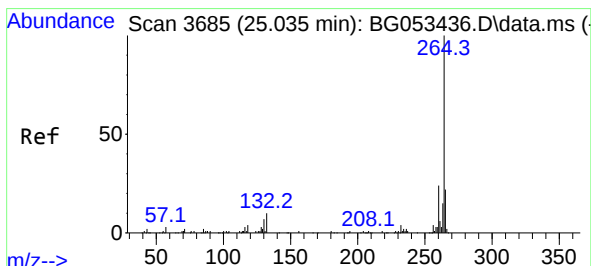
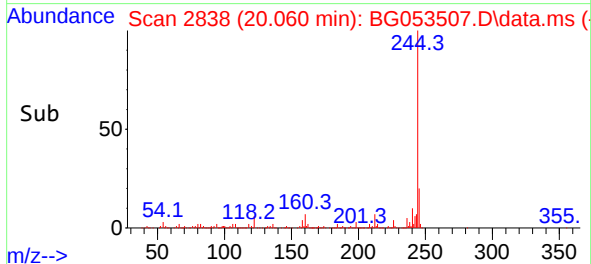
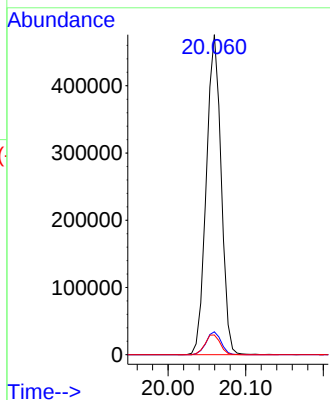
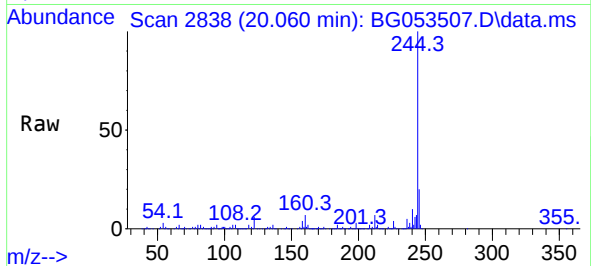




#79
 Terphenyl-d14
 Concen: 55.983 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053507.D
 Acq: 10 May 2022 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SV-RO-1/2

Tgt Ion:244 Resp: 631728
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053507.D
 Acq: 10 May 2022 13:51

Tgt Ion:264 Resp: 213113
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.2 17.4 26.2

