

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055538.D
 Acq On : 10 Nov 2022 13:48
 Operator : CG/JU
 Sample : N5378-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20221028

Quant Time: Nov 11 02:00:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	53580	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	208832	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	134575	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	303710	20.000	ng	0.00
76) Chrysene-d12	21.927	240	330441	20.000	ng	0.00
86) Perylene-d12	25.347	264	330776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	176433	62.721	ng	0.00
7) Phenol-d6	7.403	99	128326	33.025	ng	0.00
23) Nitrobenzene-d5	9.442	82	361014	117.194	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	264044	201.091	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	856802	96.035	ng	0.00
79) Terphenyl-d14	20.217	244	1454563	88.414	ng	0.00

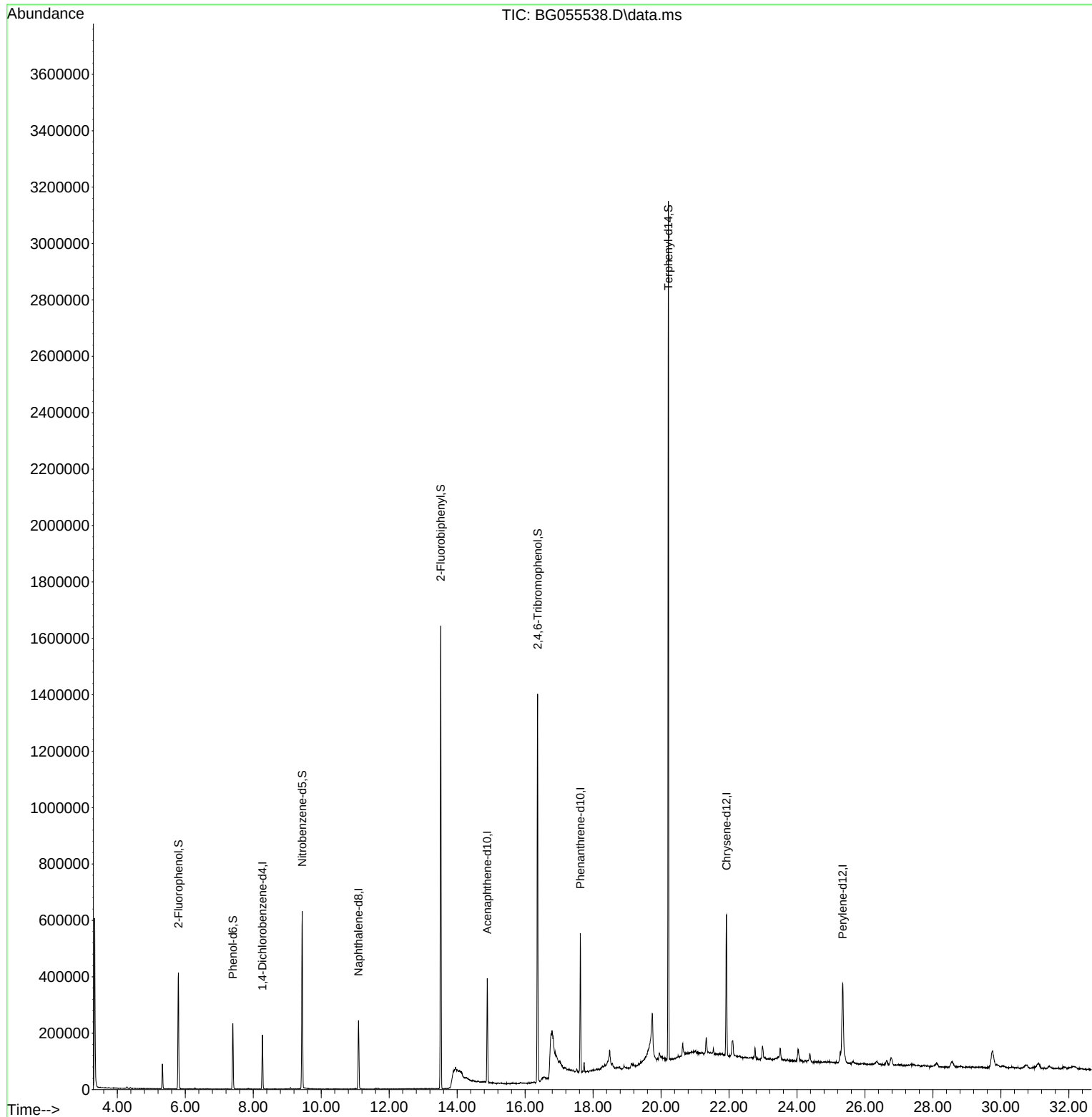
Target Compounds Qvalue

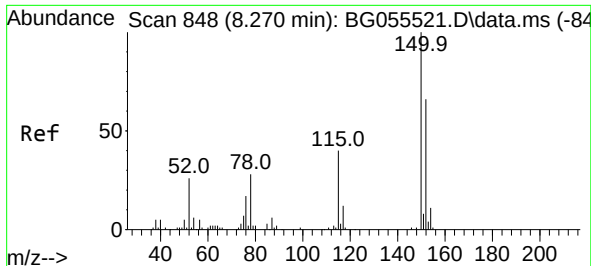
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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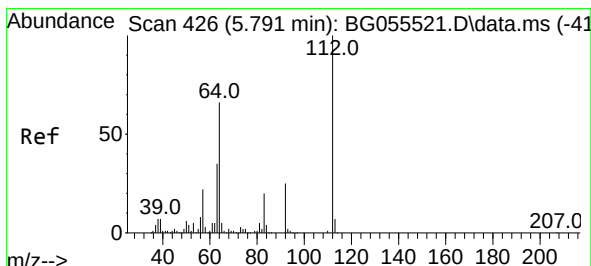
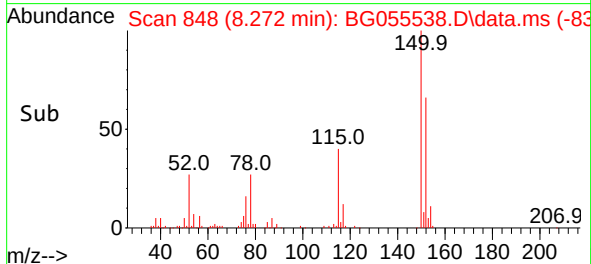
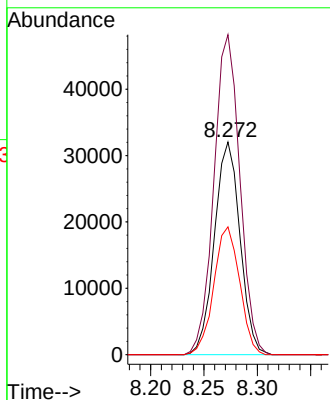
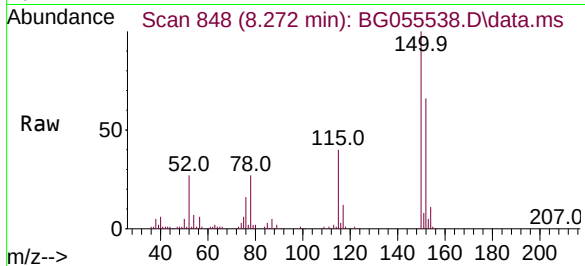




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

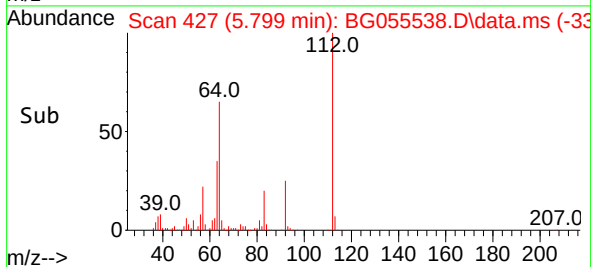
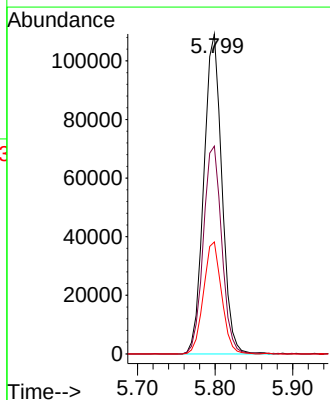
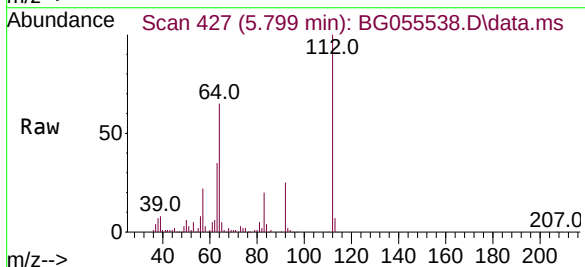
Instrument :
BNA_G
ClientSampleId :
EB-20221028

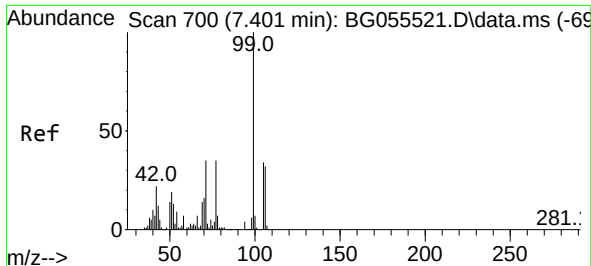
Tgt Ion:152 Resp: 53580
Ion Ratio Lower Upper
152 100
150 150.6 121.0 181.4
115 60.1 47.8 71.8



#5
2-Fluorophenol
Concen: 62.721 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:112 Resp: 176433
Ion Ratio Lower Upper
112 100
64 64.9 52.6 78.8
63 35.0 28.3 42.5

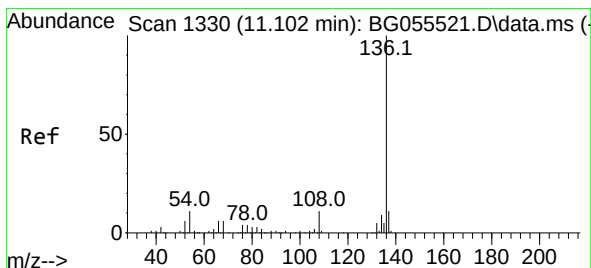
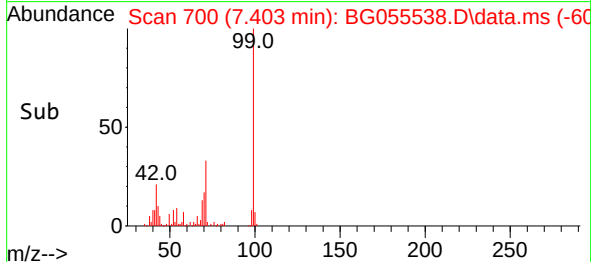
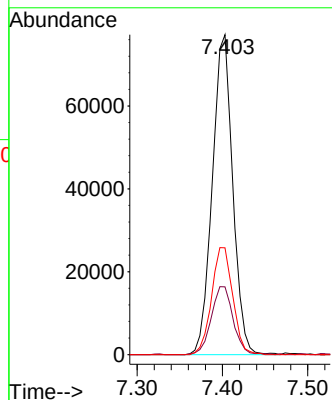
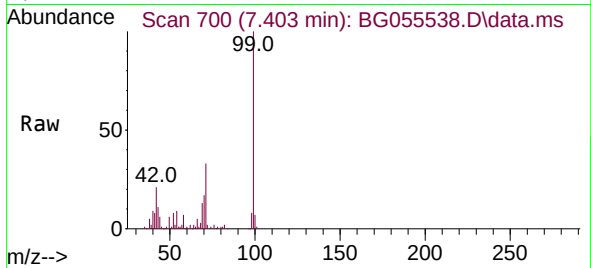




#7
Phenol-d6
Concen: 33.025 ng
RT: 7.403 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

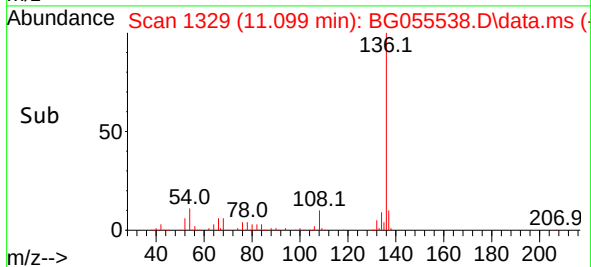
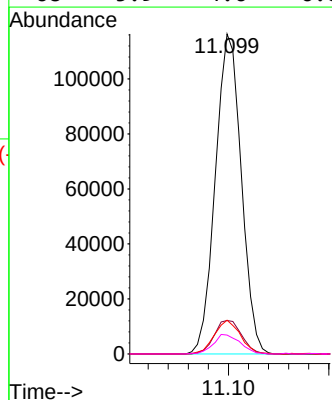
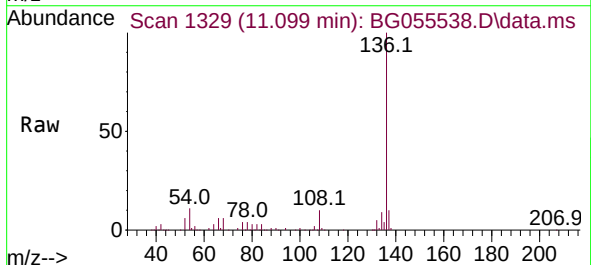
Instrument :
BNA_G
ClientSampleId :
EB-20221028

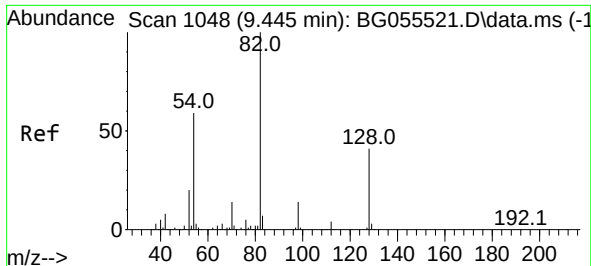
Tgt Ion: 99 Resp: 128326
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 33.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion: 136 Resp: 208832
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.5 8.6 12.8
68 5.9 4.6 6.8

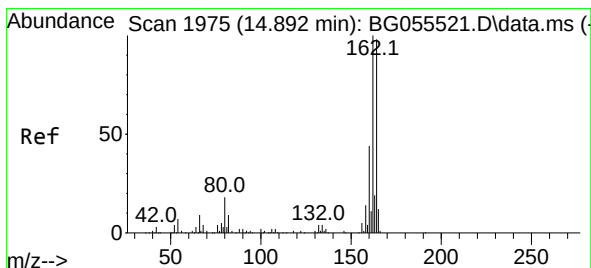
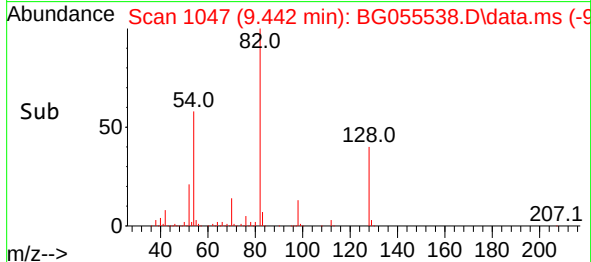
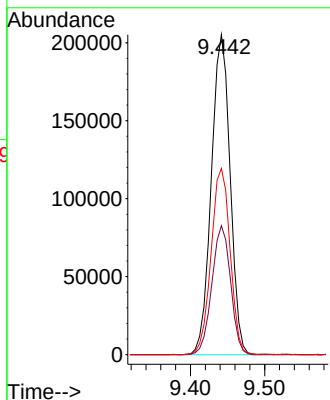
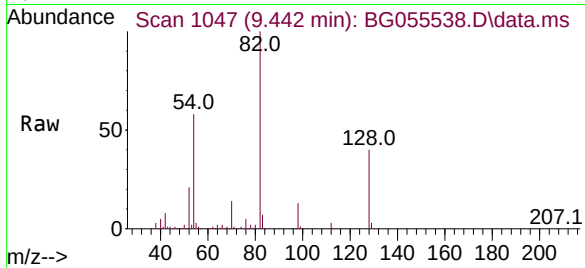




#23
Nitrobenzene-d5
Concen: 117.194 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

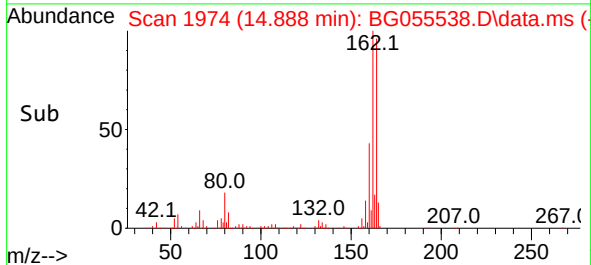
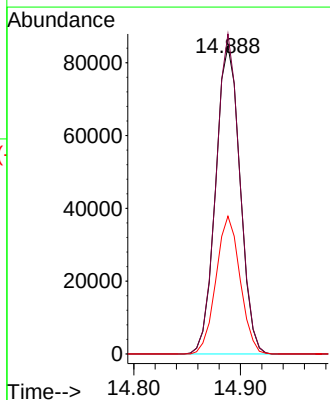
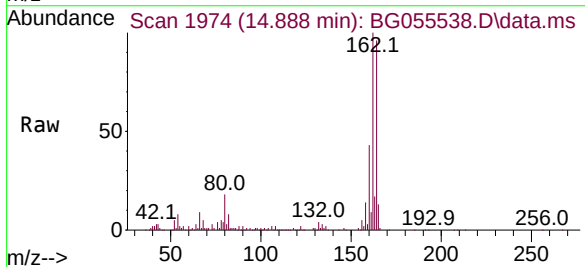
Instrument :
BNA_G
ClientSampleId :
EB-20221028

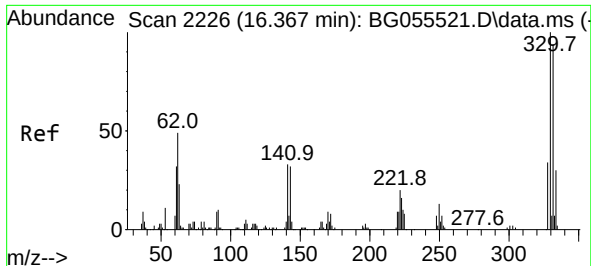
Tgt Ion: 82 Resp: 361014
Ion Ratio Lower Upper
82 100
128 40.3 32.6 49.0
54 58.2 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:164 Resp: 134575
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 201.091 ng

RT: 16.369 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Instrument :

BNA_G

ClientSampleId :

EB-20221028

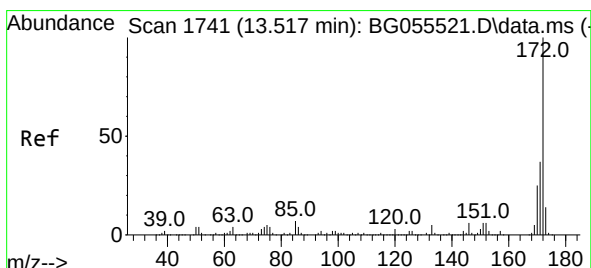
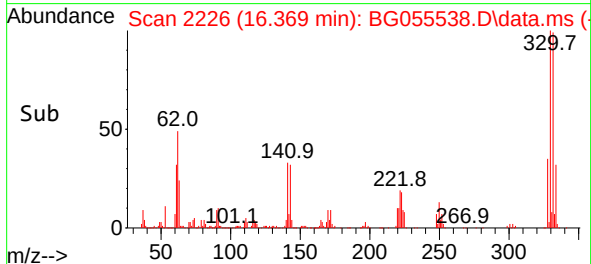
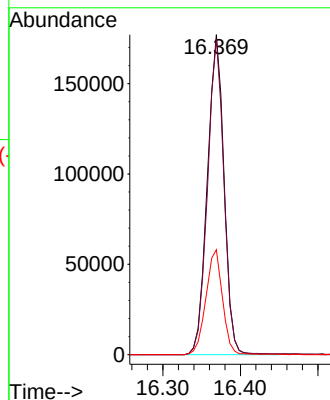
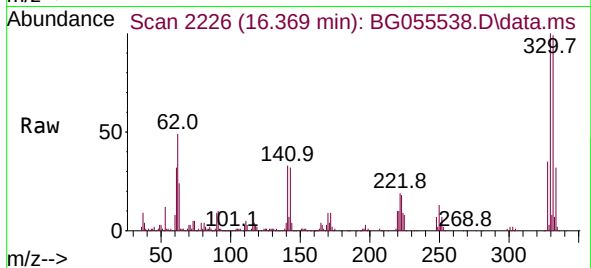
Tgt Ion:330 Resp: 264044

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 32.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 96.035 ng

RT: 13.519 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

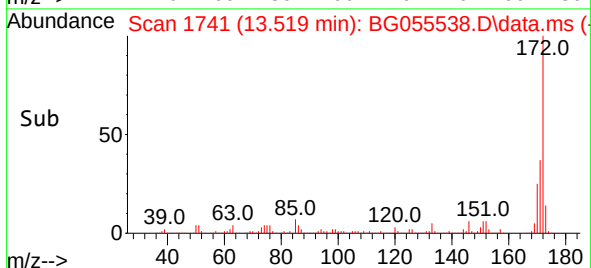
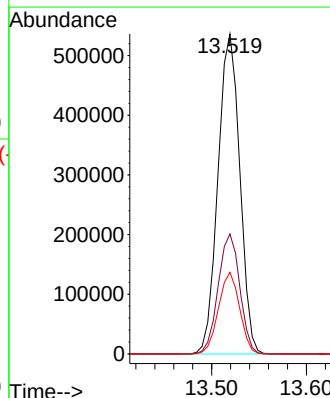
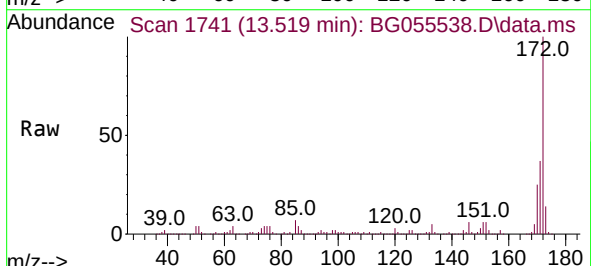
Tgt Ion:172 Resp: 856802

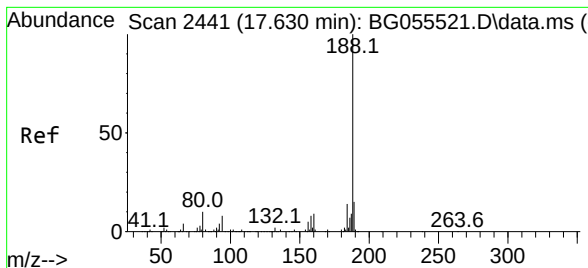
Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

170 25.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.626 min Scan# 2441

Delta R.T. -0.004 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Instrument :

BNA_G

ClientSampleId :

EB-20221028

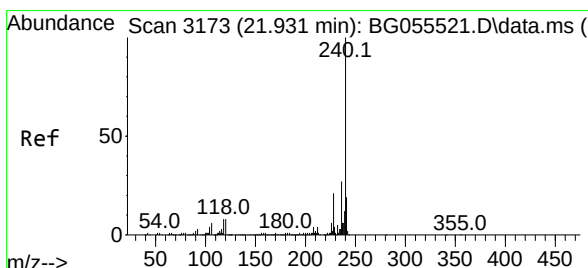
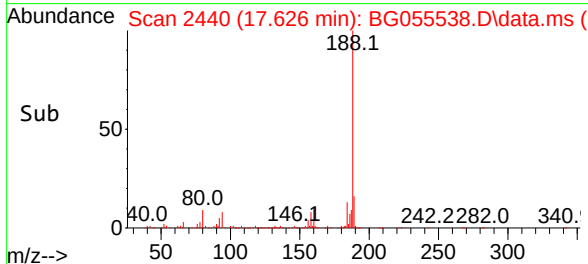
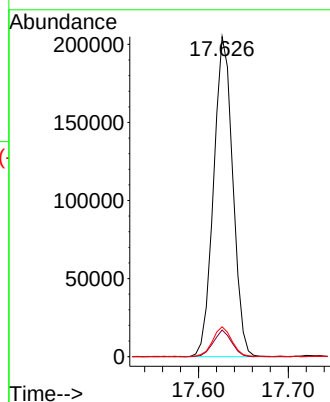
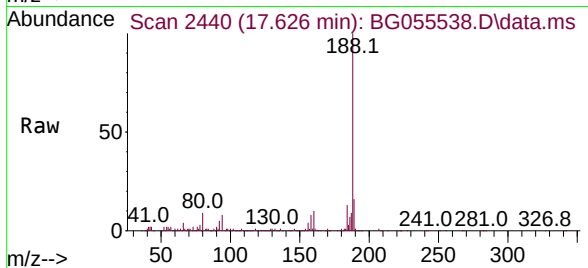
Tgt Ion:188 Resp: 303710

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.927 min Scan# 3172

Delta R.T. -0.004 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

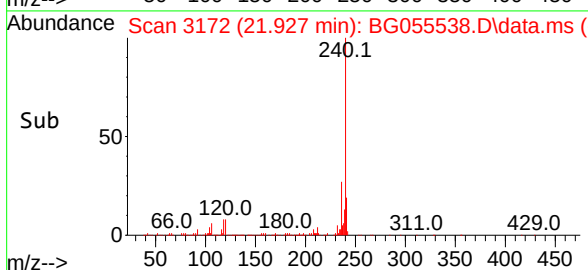
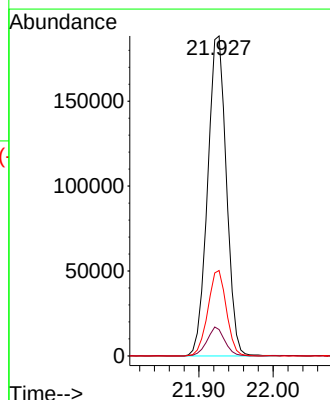
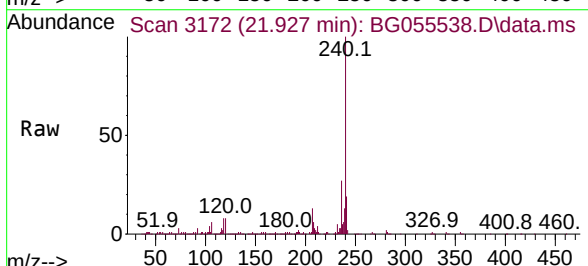
Tgt Ion:240 Resp: 330441

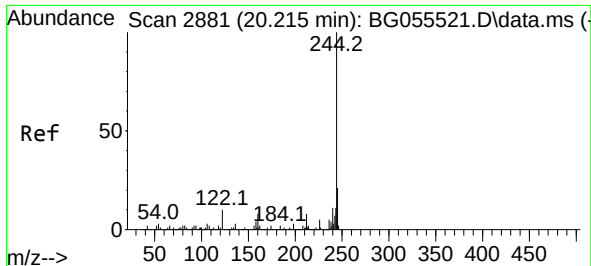
Ion Ratio Lower Upper

240 100

120 8.2 6.1 9.1

236 26.7 21.4 32.0

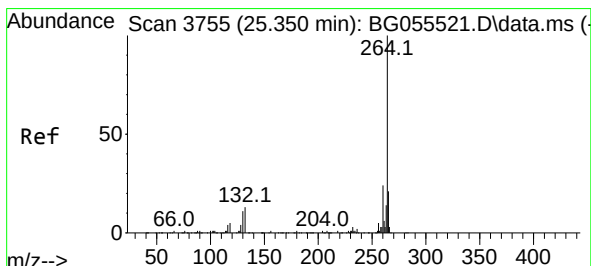
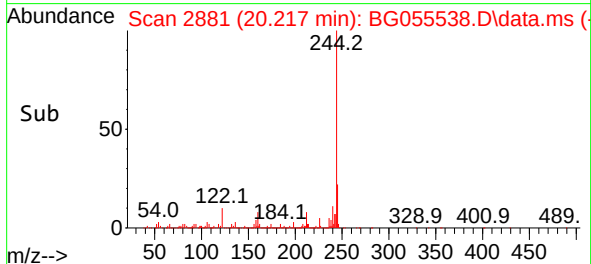
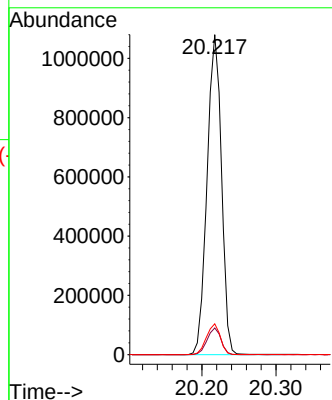
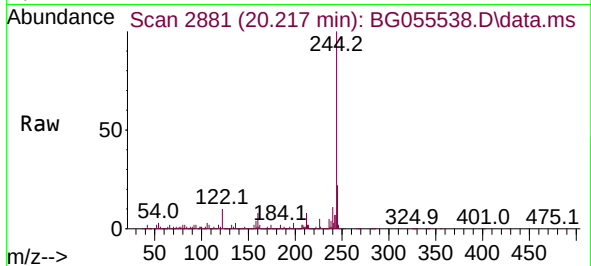




#79
 Terphenyl-d14
 Concen: 88.414 ng
 RT: 20.217 min Scan# 2881
 Delta R.T. 0.002 min
 Lab File: BG055538.D
 Acq: 10 Nov 2022 13:48

Instrument :
 BNA_G
 ClientSampleId :
 EB-20221028

Tgt Ion:244 Resp: 1454563
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.347 min Scan# 3754
 Delta R.T. -0.003 min
 Lab File: BG055538.D
 Acq: 10 Nov 2022 13:48

Tgt Ion:264 Resp: 330776
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.4 17.1 25.7

