

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055195.D
 Acq On : 17 Oct 2022 16:40
 Operator : CG/JU
 Sample : N5151-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 256317-6

Quant Time: Oct 17 17:34:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	27004	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	110019	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	81763	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	190364	20.000	ng	0.00
76) Chrysene-d12	21.925	240	194111	20.000	ng	0.00
86) Perylene-d12	25.351	264	207688	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	96032	69.576	ng	0.00
7) Phenol-d6	7.436	99	80451	39.403	ng	0.00
23) Nitrobenzene-d5	9.475	82	197475	96.252	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	176967	150.631	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	517521	103.396	ng	0.00
79) Terphenyl-d14	20.221	244	937299	97.250	ng	0.00

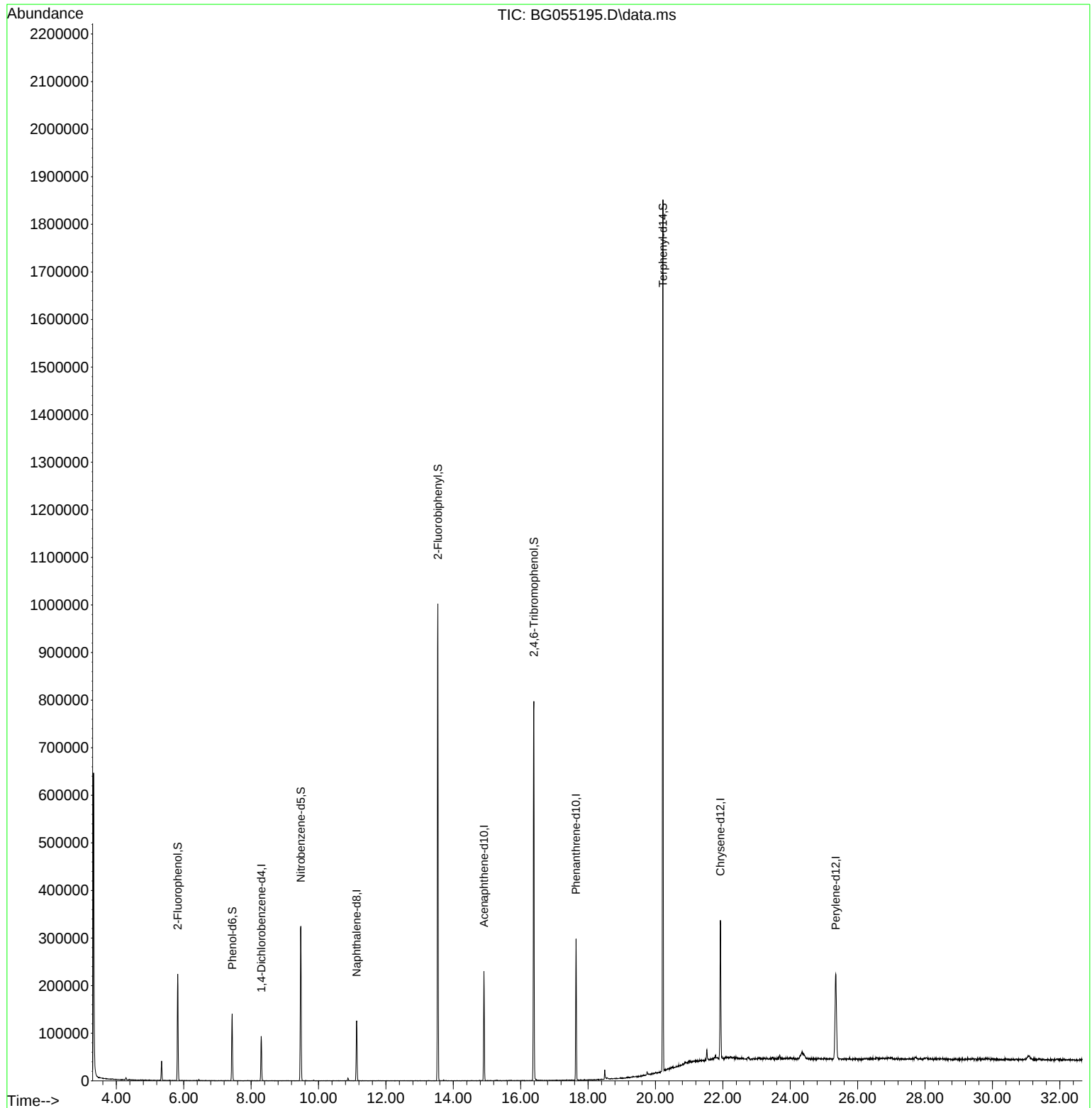
Target Compounds	Qvalue

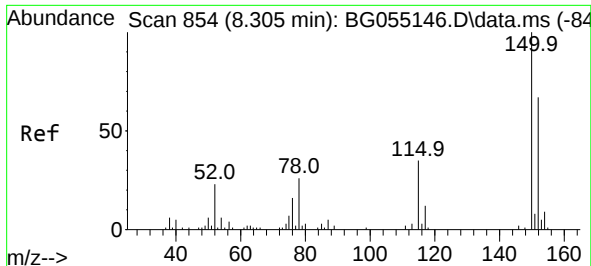
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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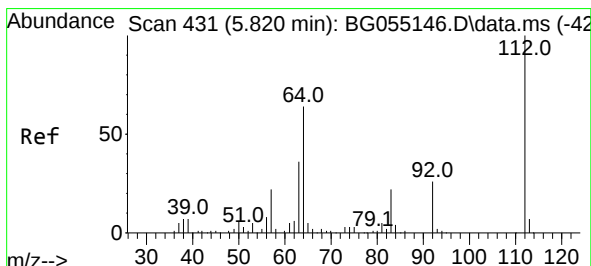
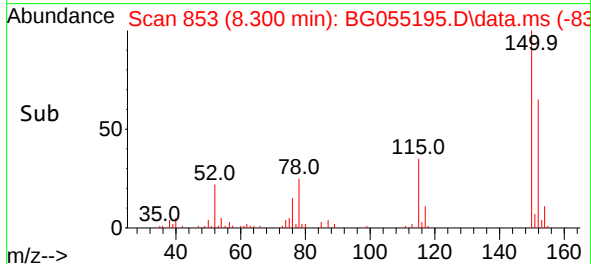
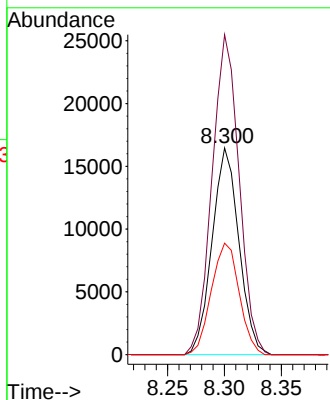
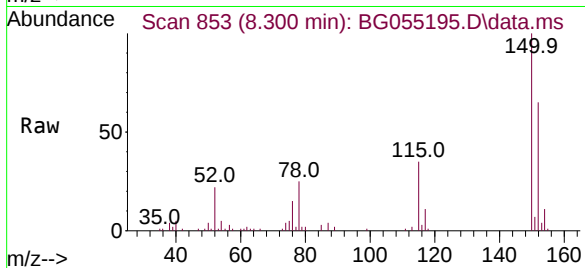




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

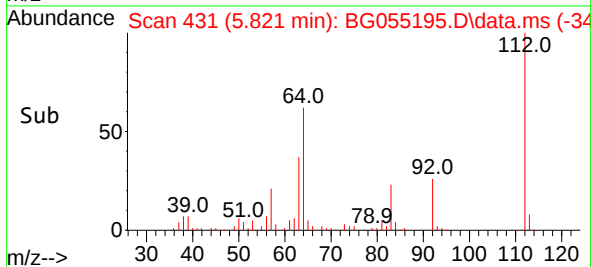
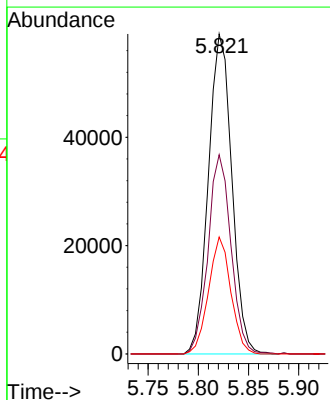
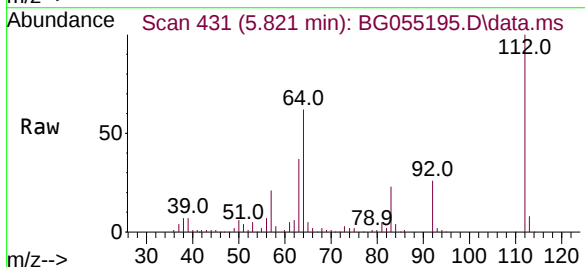
Instrument :
BNA_G
ClientSampleId :
256317-6

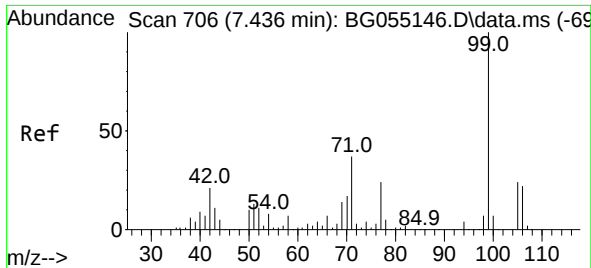
Tgt Ion:152 Resp: 27004
Ion Ratio Lower Upper
152 100
150 154.9 119.7 179.5
115 53.9 42.4 63.6



#5
2-Fluorophenol
Concen: 69.576 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:112 Resp: 96032
Ion Ratio Lower Upper
112 100
64 62.2 50.9 76.3
63 36.5 29.0 43.6

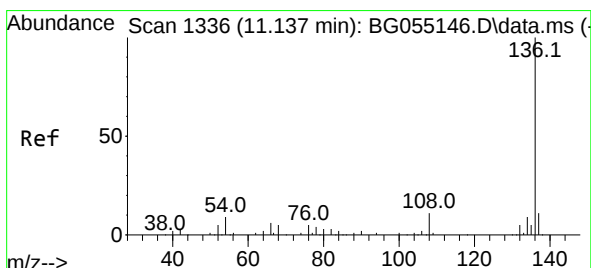
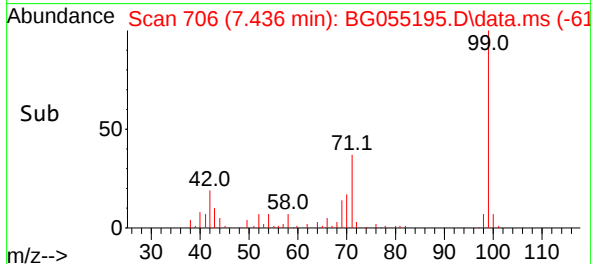
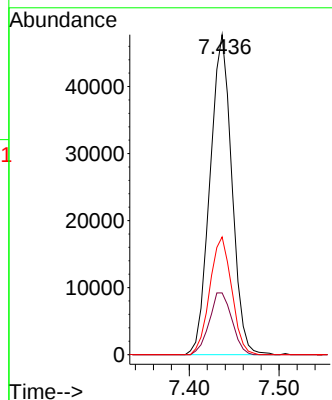
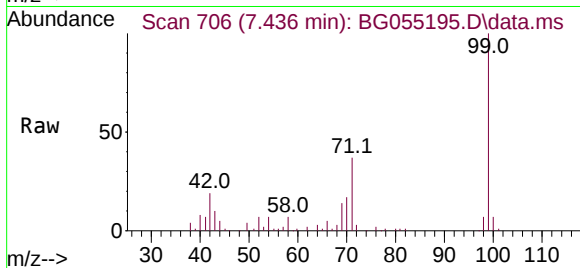




#7
Phenol-d6
Concen: 39.403 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

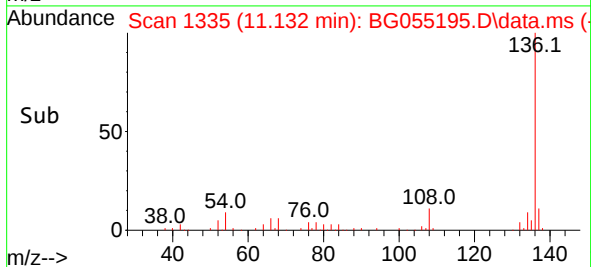
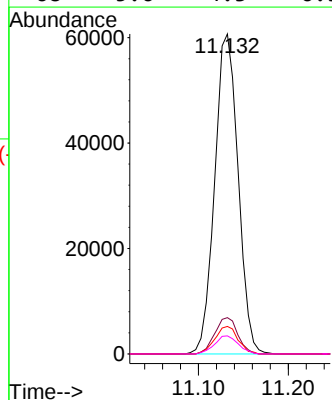
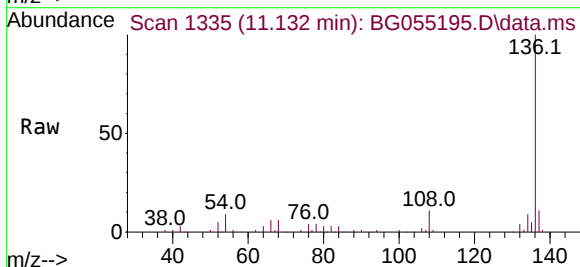
Instrument :
BNA_G
ClientSampleId :
256317-6

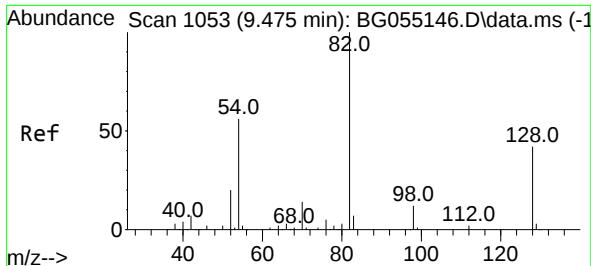
Tgt Ion: 99	Resp: 80451
Ion Ratio	Lower Upper
99 100	
42 19.3	16.6 25.0
71 36.8	29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion: 136	Resp: 110019
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 8.6	7.0 10.6
68 5.6	4.3 6.5





#23

Nitrobenzene-d5

Concen: 96.252 ng

RT: 9.475 min Scan# 10

Delta R.T. 0.001 min

Lab File: BG055195.D

Acq: 17 Oct 2022 16:40

Instrument :

BNA_G

ClientSampleId :

256317-6

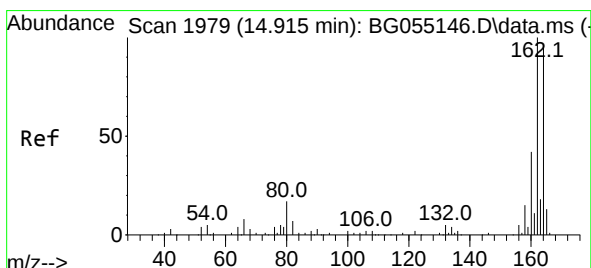
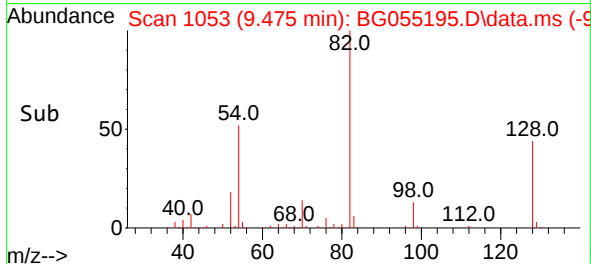
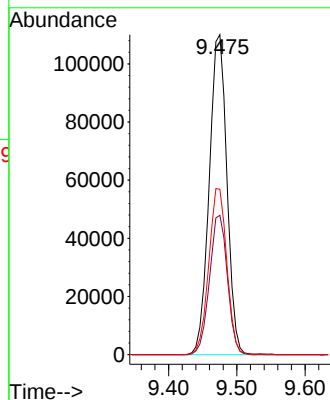
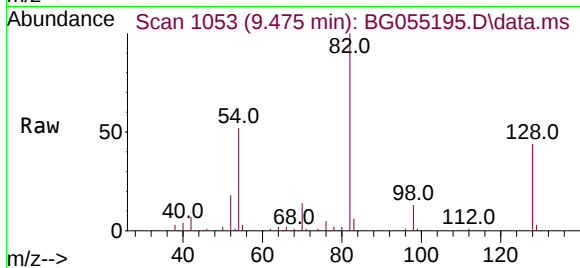
Tgt Ion: 82 Resp: 197475

Ion Ratio Lower Upper

82 100

128 43.5 33.5 50.3

54 51.7 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG055195.D

Acq: 17 Oct 2022 16:40

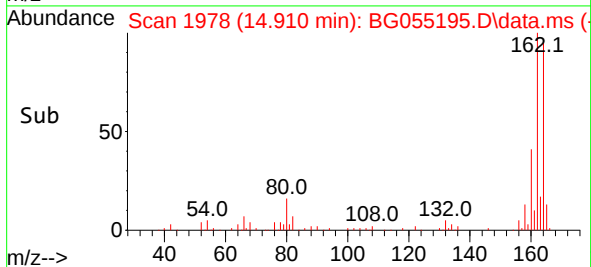
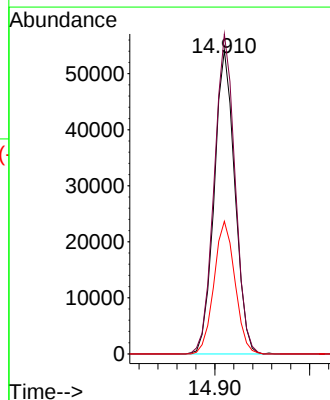
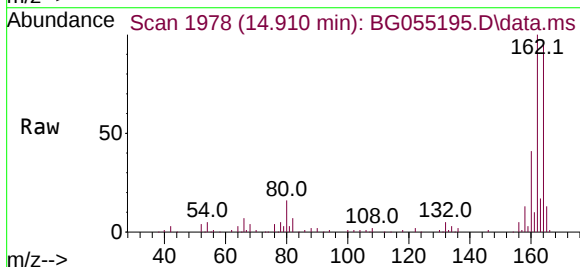
Tgt Ion: 164 Resp: 81763

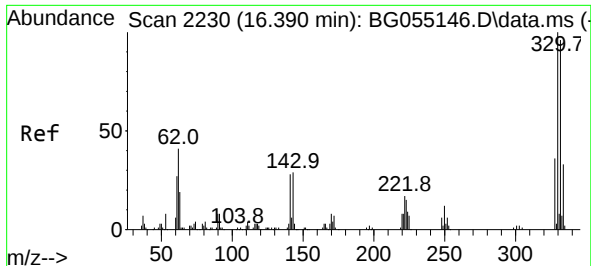
Ion Ratio Lower Upper

164 100

162 105.3 83.3 124.9

160 43.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 150.631 ng

RT: 16.391 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055195.D

Acq: 17 Oct 2022 16:40

Instrument :

BNA_G

ClientSampleId :

256317-6

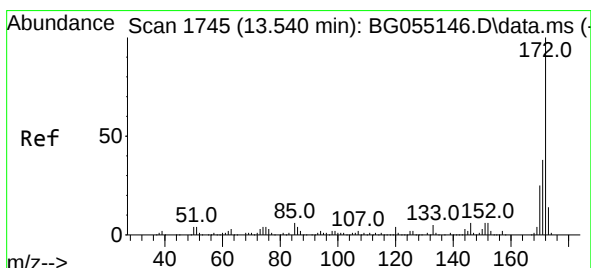
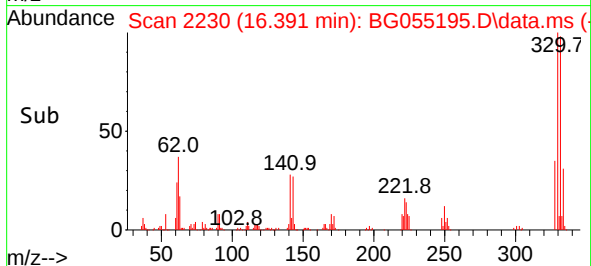
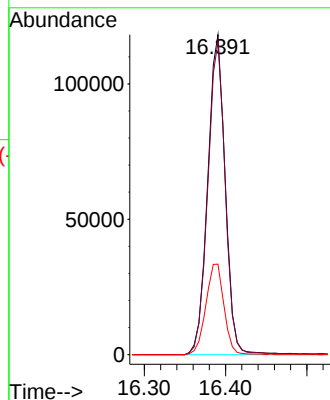
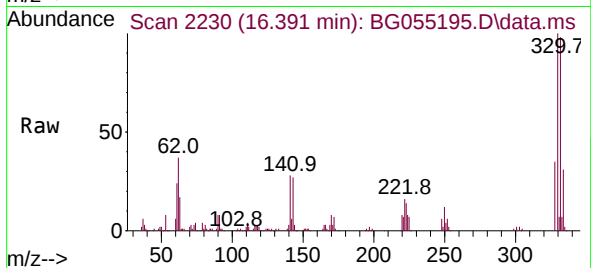
Tgt Ion:330 Resp: 176967

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.4

141 29.3 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 103.396 ng

RT: 13.541 min Scan# 1745

Delta R.T. 0.001 min

Lab File: BG055195.D

Acq: 17 Oct 2022 16:40

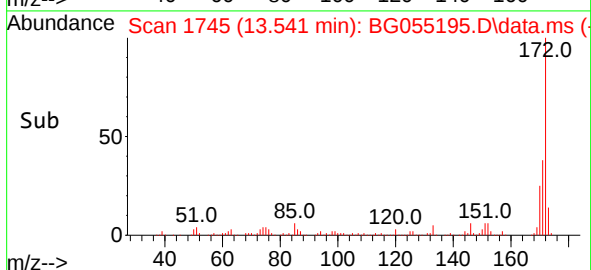
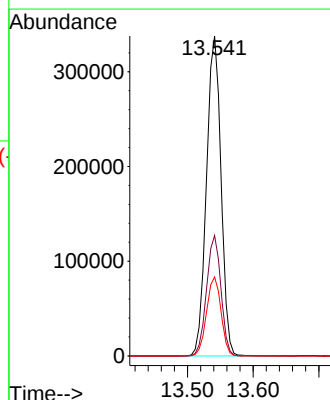
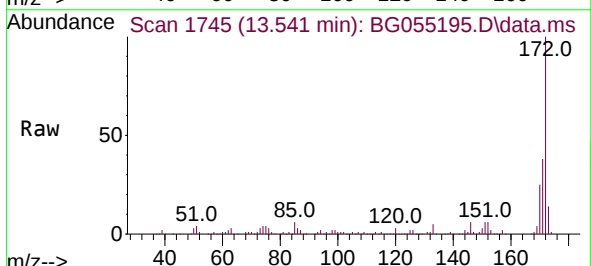
Tgt Ion:172 Resp: 517521

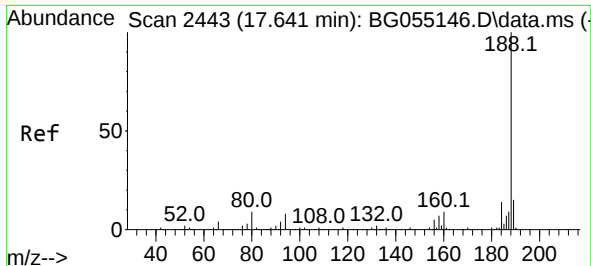
Ion Ratio Lower Upper

172 100

171 37.6 30.1 45.1

170 24.7 19.8 29.6

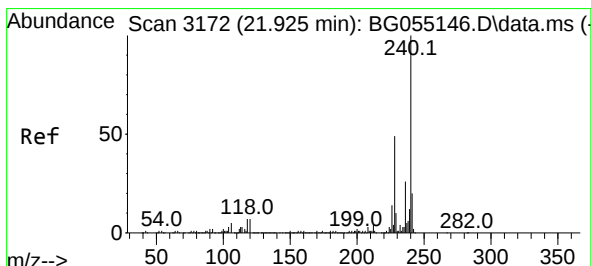
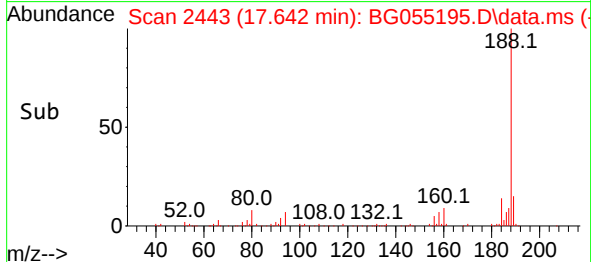
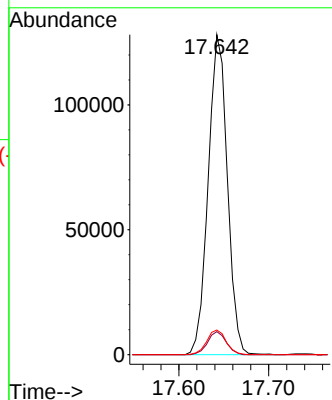
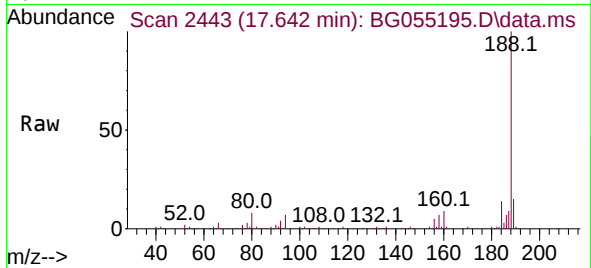




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

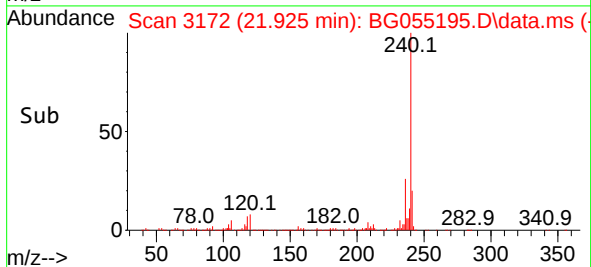
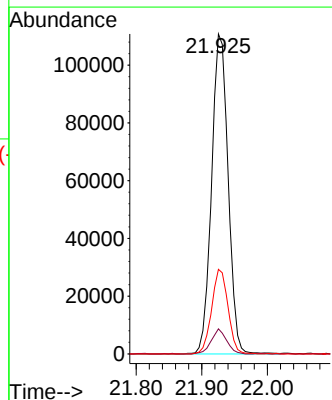
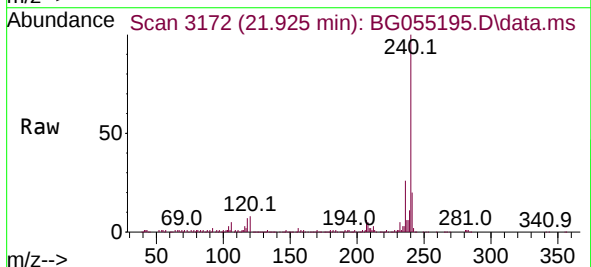
Instrument :
BNA_G
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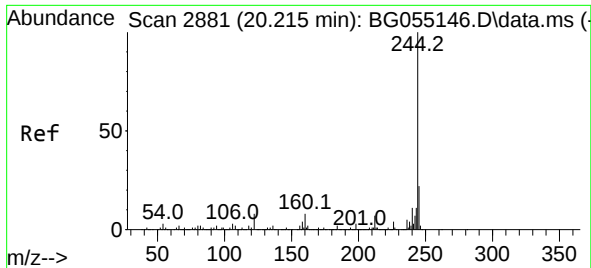
Tgt Ion:188 Resp: 190364
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 7.7 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG055195.D
Acq: 17 Oct 2022 16:40

Tgt Ion:240 Resp: 194111
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 26.4 20.6 31.0

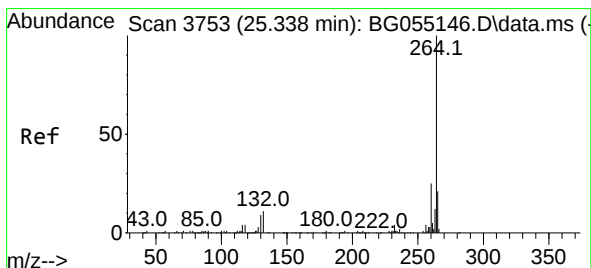
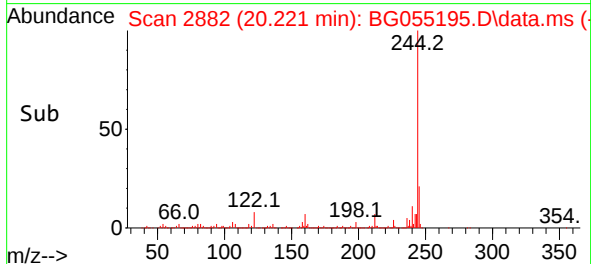
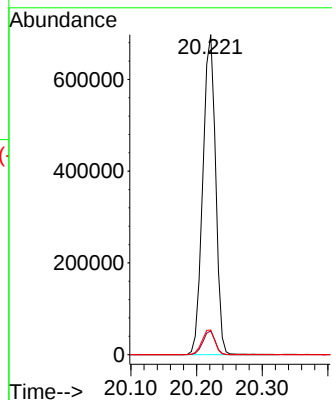
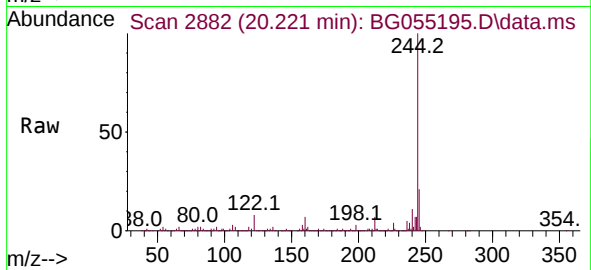




#79
 Terphenyl-d14
 Concen: 97.250 ng
 RT: 20.221 min Scan# 2881
 Delta R.T. 0.007 min
 Lab File: BG055195.D
 Acq: 17 Oct 2022 16:40

Instrument :
 BNA_G
 ClientSampleId :
 256317-6

Tgt Ion:244 Resp: 937299
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 7.7 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.351 min Scan# 3755
 Delta R.T. 0.012 min
 Lab File: BG055195.D
 Acq: 17 Oct 2022 16:40

Tgt Ion:264 Resp: 207688
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.5 16.8 25.2

