

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055073.D
 Acq On : 4 Oct 2022 21:42
 Operator : CG/JU
 Sample : N4936-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-2-(16-22)

Quant Time: Oct 05 00:34:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

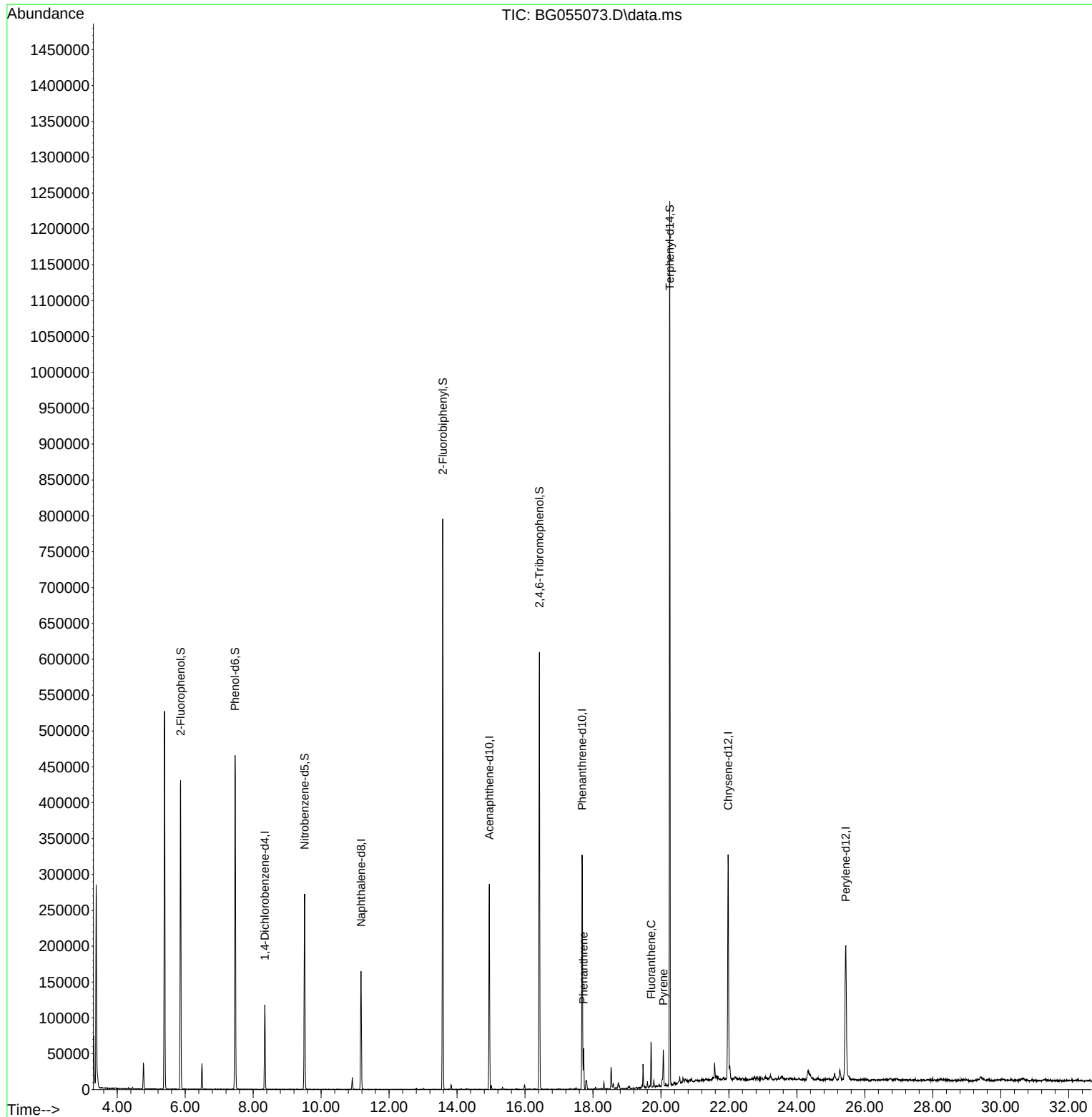
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	32278	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	139566	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	96923	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	212316	20.000	ng	0.00
76) Chrysene-d12	21.975	240	205371	20.000	ng	0.00
86) Perylene-d12	25.436	264	221531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	178989	123.167	ng	0.00
7) Phenol-d6	7.468	99	247013	113.445	ng	0.00
23) Nitrobenzene-d5	9.513	82	155785	66.698	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	120463	120.106	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	391428	63.047	ng	0.00
79) Terphenyl-d14	20.259	244	616674	60.691	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.721	178	37109	3.327	ng	97
75) Fluoranthene	19.713	202	38886	2.795	ng	99
78) Pyrene	20.071	202	34231	2.507	ng	98

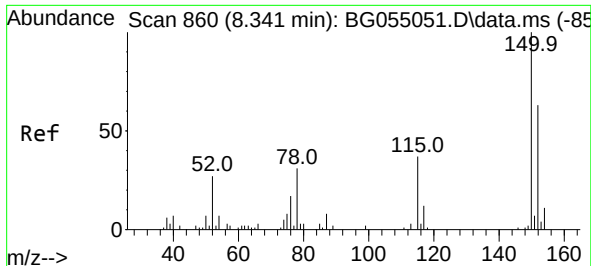
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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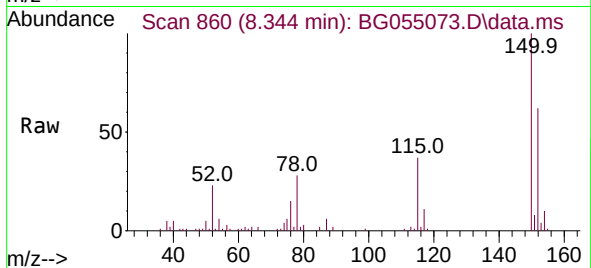
Quant Time: Oct 05 00:34:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
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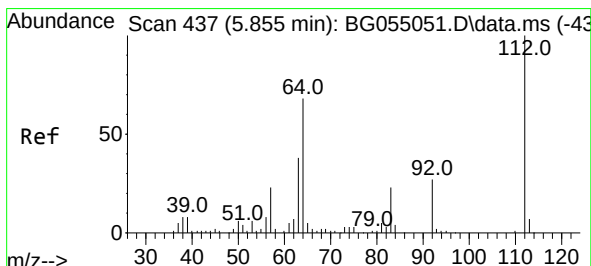
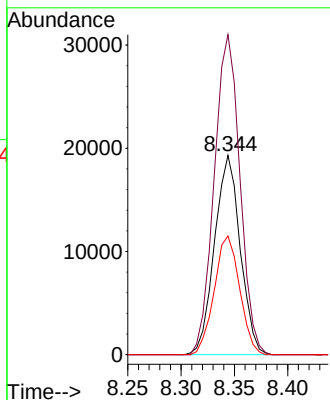
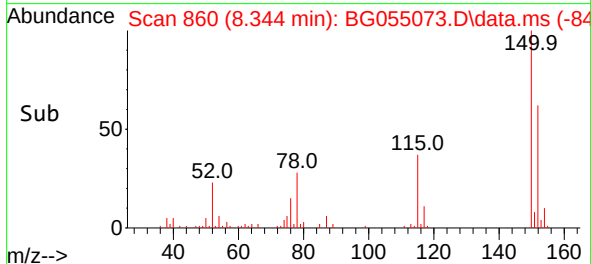


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 860
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

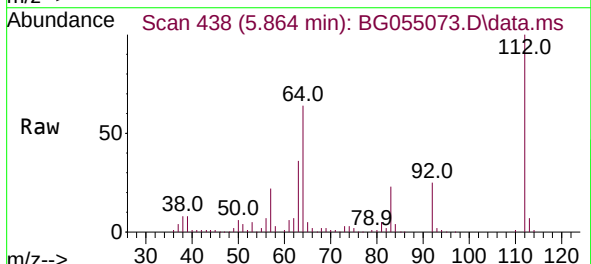
Instrument :
BNA_G
ClientSampleId :
SASP2-T-2-(16-22)



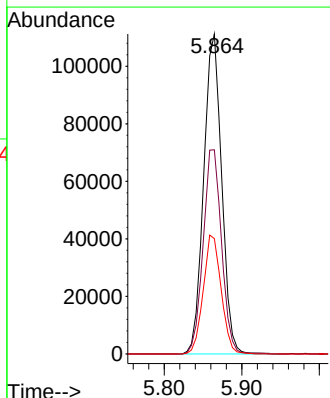
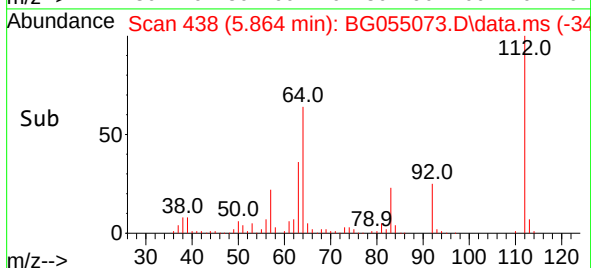
Tgt Ion:152 Resp: 32278
Ion Ratio Lower Upper
152 100
150 160.5 128.0 192.0
115 59.5 47.7 71.5

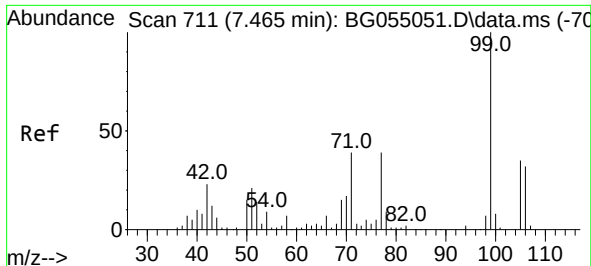


#5
2-Fluorophenol
Concen: 123.167 ng
RT: 5.864 min Scan# 438
Delta R.T. 0.009 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42



Tgt Ion:112 Resp: 178989
Ion Ratio Lower Upper
112 100
64 63.8 54.5 81.7
63 36.0 30.5 45.7

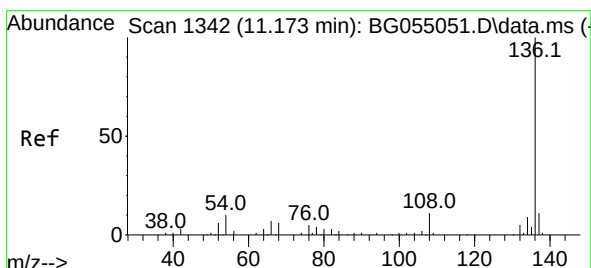
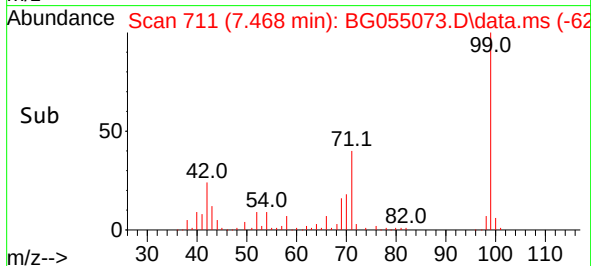
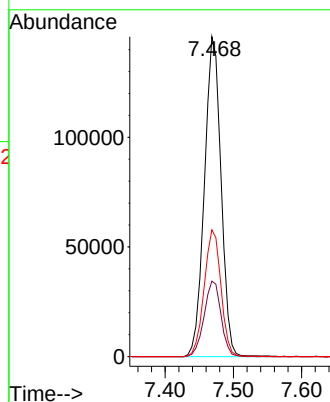
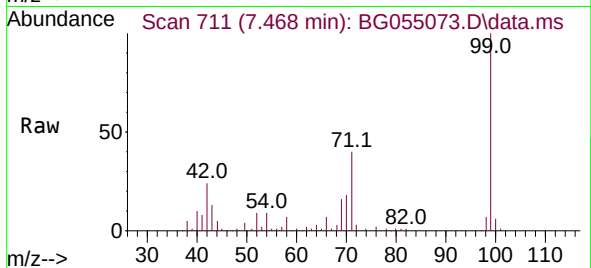




#7
Phenol-d6
Concen: 113.445 ng
RT: 7.468 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

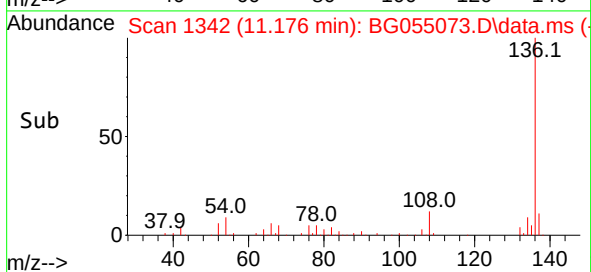
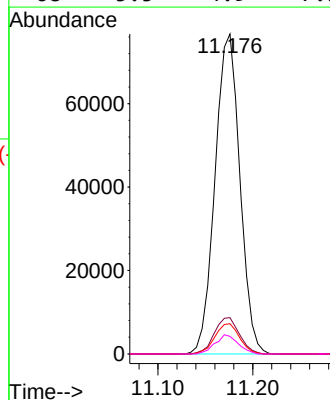
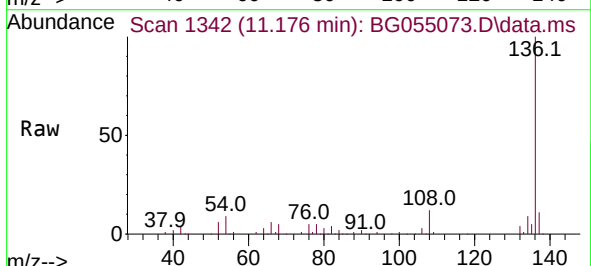
Instrument :
BNA_G
ClientSampleId :
SASP2-T-2-(16-22)

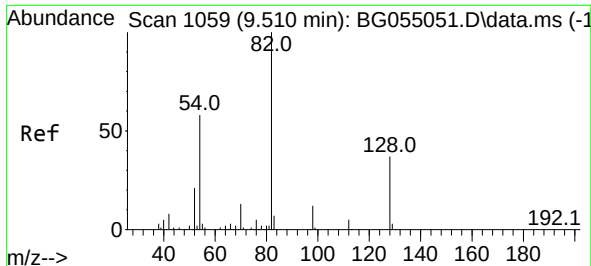
Tgt Ion: 99 Resp: 247013
Ion Ratio Lower Upper
99 100
42 23.6 18.6 28.0
71 39.6 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.176 min Scan# 1342
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Tgt Ion:136 Resp: 139566
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.4 8.2 12.4
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.698 ng

RT: 9.513 min Scan# 1059

Delta R.T. 0.003 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

Instrument :

BNA_G

ClientSampleId :

SASP2-T-2-(16-22)

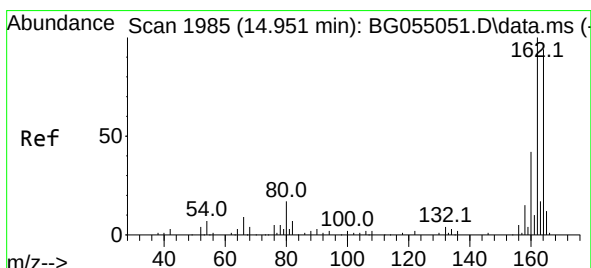
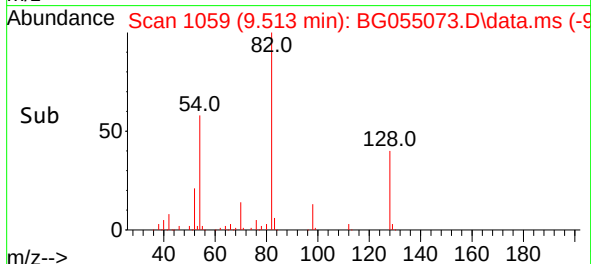
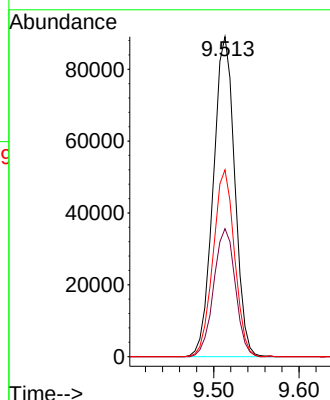
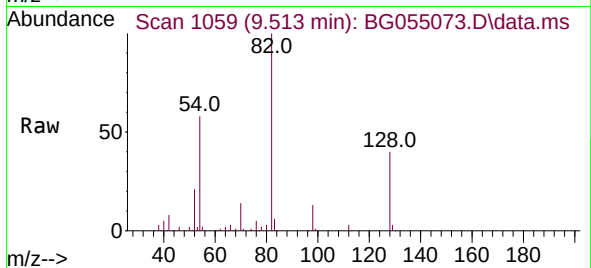
Tgt Ion: 82 Resp: 155785

Ion Ratio Lower Upper

82 100

128 40.0 29.5 44.3

54 58.4 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

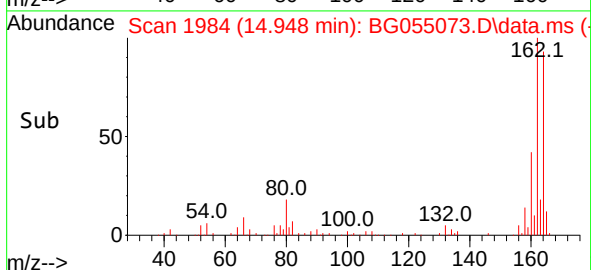
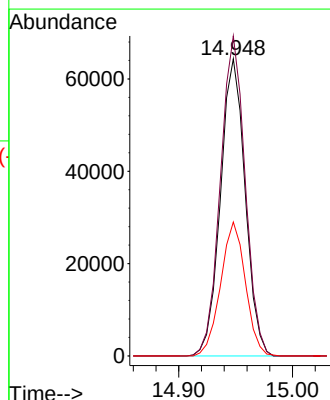
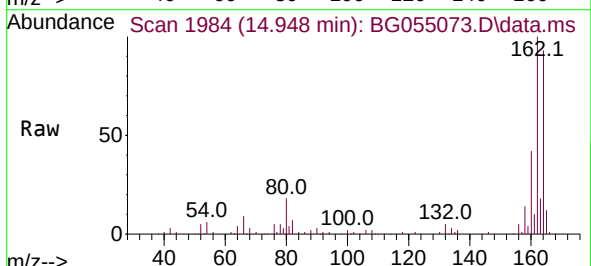
Tgt Ion:164 Resp: 96923

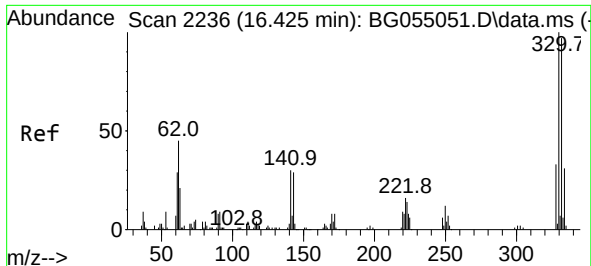
Ion Ratio Lower Upper

164 100

162 107.7 85.5 128.3

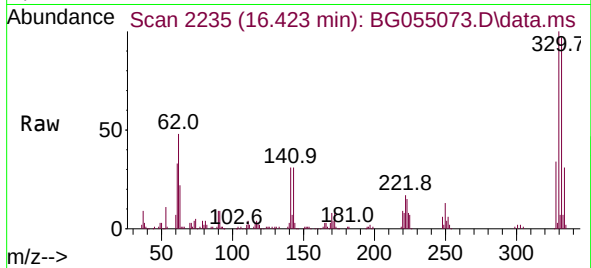
160 45.1 35.5 53.3



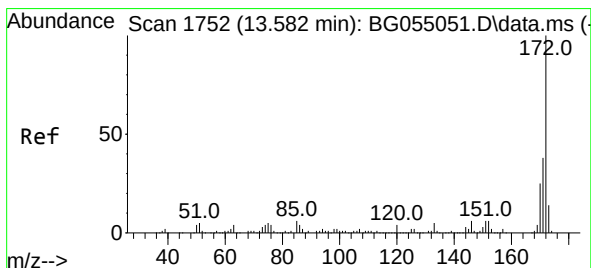
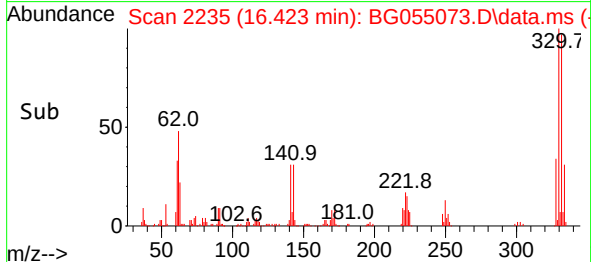
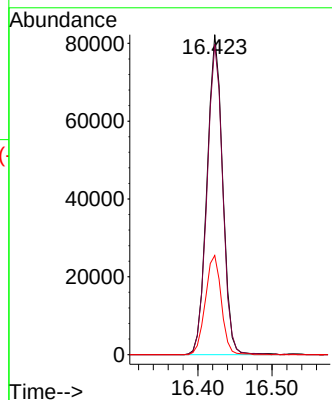


#42
 2,4,6-Tribromophenol
 Concen: 120.106 ng
 RT: 16.423 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-2-(16-22)

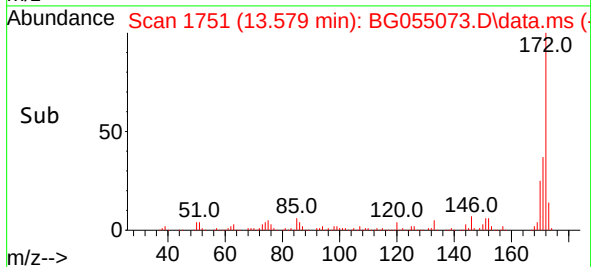
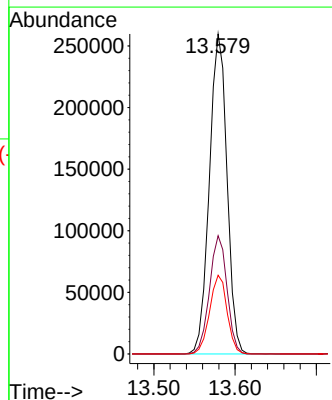
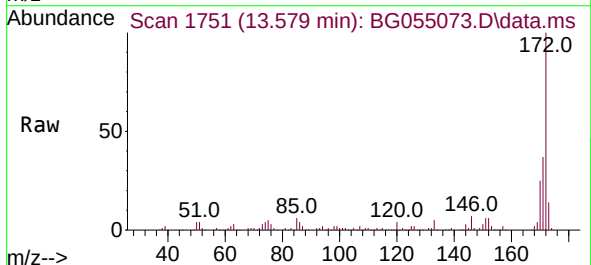


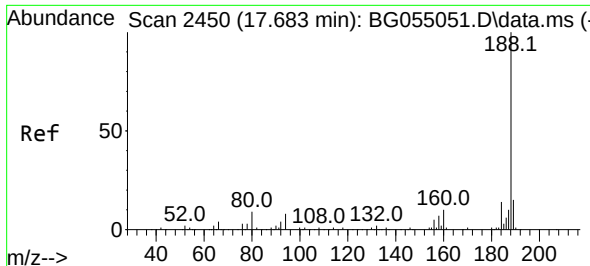
Tgt Ion:330 Resp: 120463
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 31.5 25.0 37.4



#45
 2-Fluorobiphenyl
 Concen: 63.047 ng
 RT: 13.579 min Scan# 1751
 Delta R.T. -0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Tgt Ion:172 Resp: 391428
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 24.6 20.0 30.0

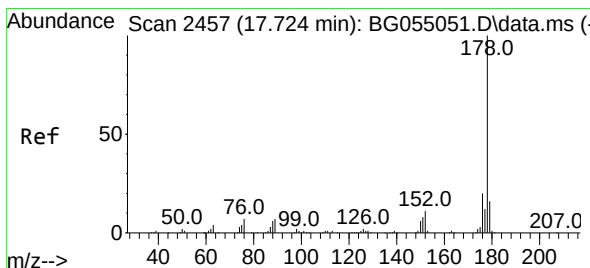
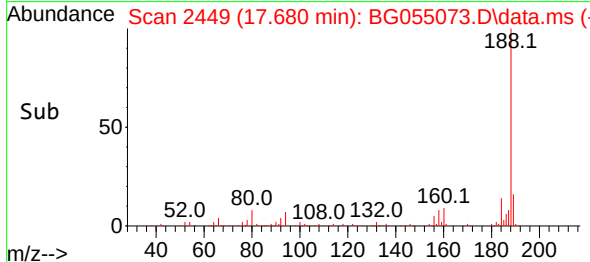
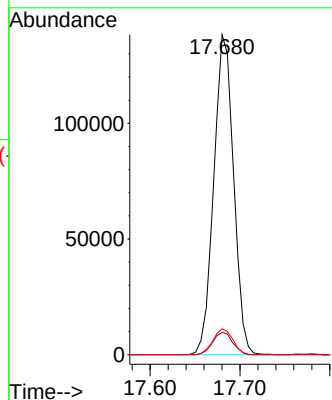
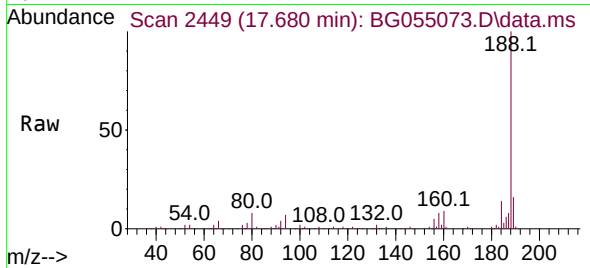




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

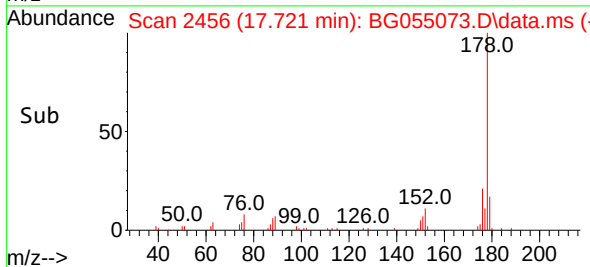
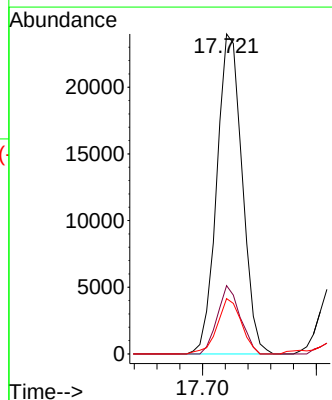
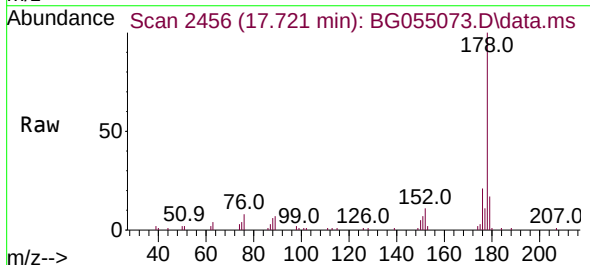
Instrument :
BNA_G
ClientSampleId :
SASP2-T-2-(16-22)

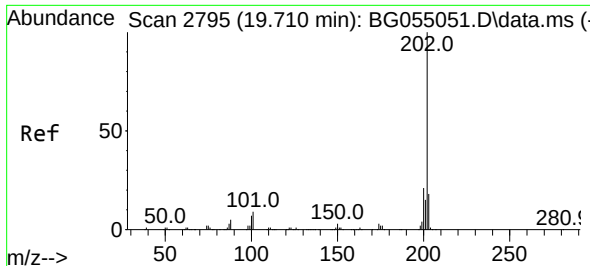
Tgt Ion:188 Resp: 212316
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.2
80 8.1 7.2 10.8



#71
Phenanthrene
Concen: 3.327 ng
RT: 17.721 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

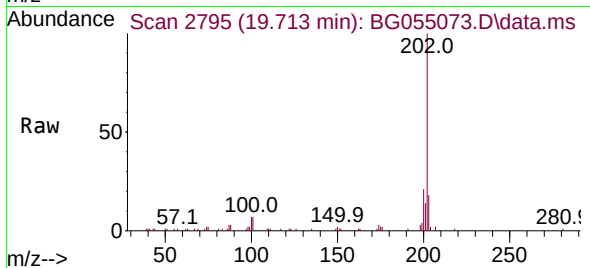
Tgt Ion:178 Resp: 37109
Ion Ratio Lower Upper
178 100
176 21.3 15.8 23.6
179 17.3 13.2 19.8



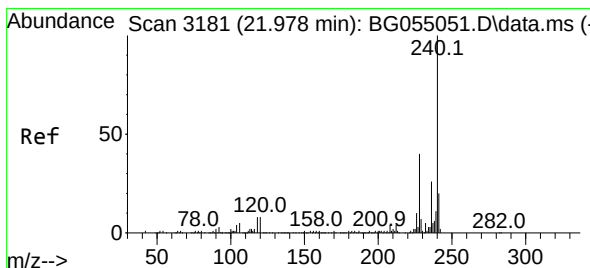
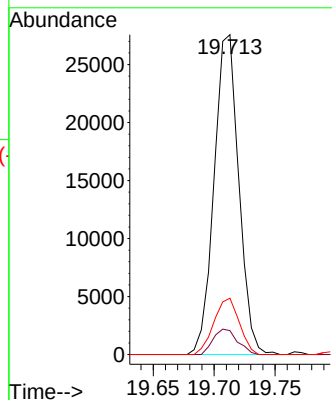
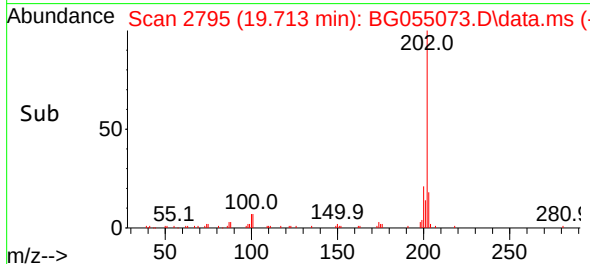


#75
Fluoranthene
Concen: 2.795 ng
RT: 19.713 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

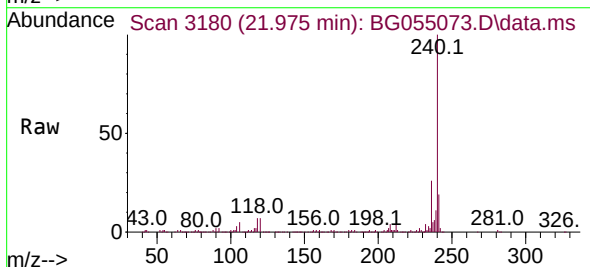
Instrument :
BNA_G
ClientSampleId :
SASP2-T-2-(16-22)



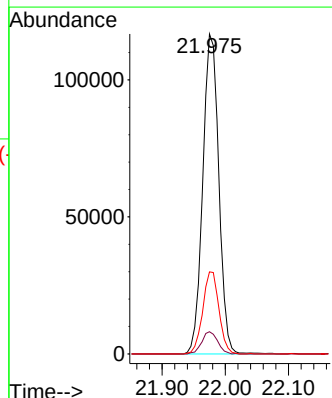
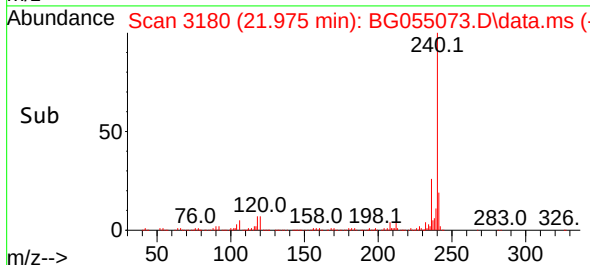
Tgt Ion:202 Resp: 38886
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.9
203 17.6 0.0 37.7

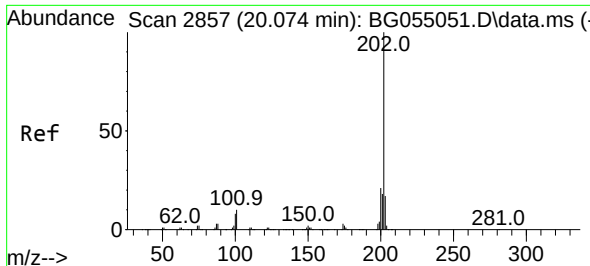


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42



Tgt Ion:240 Resp: 205371
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 25.6 20.6 30.8

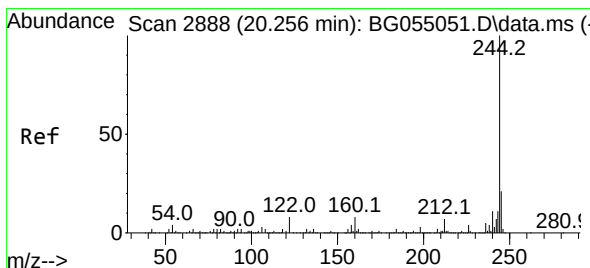
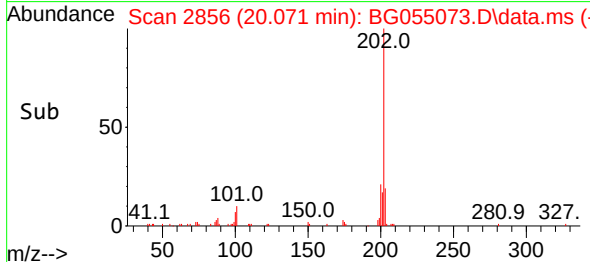
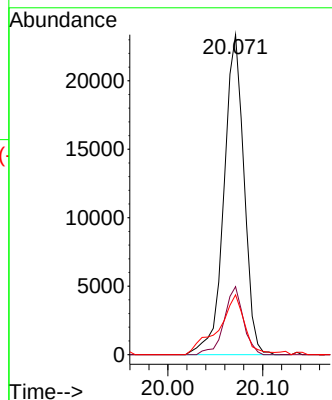
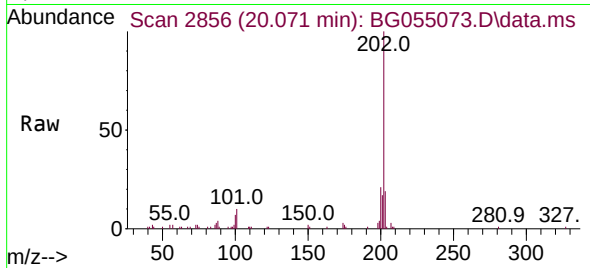




#78
 Pyrene
 Concen: 2.507 ng
 RT: 20.071 min Scan# 2857
 Delta R.T. -0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

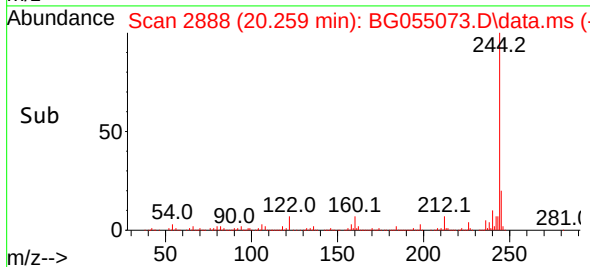
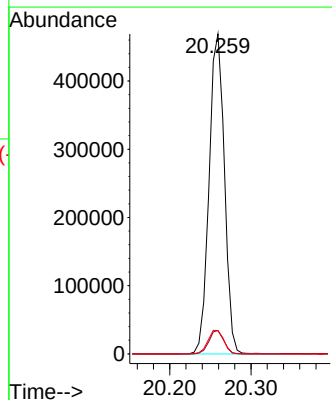
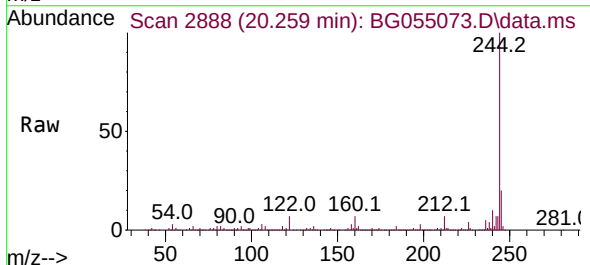
Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-2-(16-22)

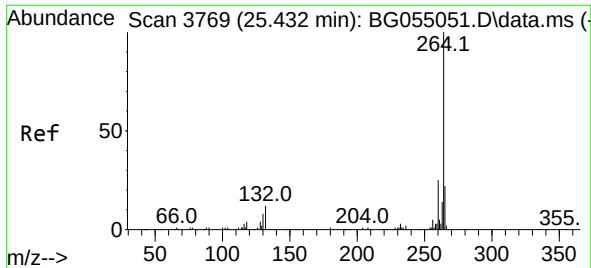
Tgt Ion:	202	Resp:	34231
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	25.0
203	18.7	14.0	21.0



#79
 Terphenyl-d14
 Concen: 60.691 ng
 RT: 20.259 min Scan# 2888
 Delta R.T. 0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

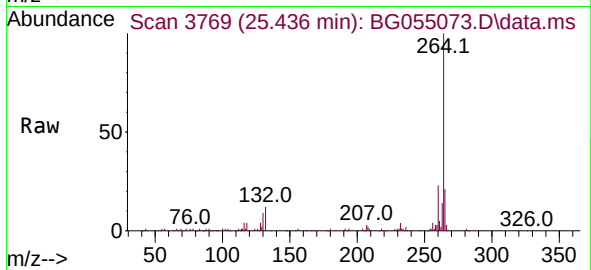
Tgt Ion:	244	Resp:	616674
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	7.3	6.6	10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.436 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-2-(16-22)



Tgt Ion:264 Resp: 221531
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.7 29.5
 265 20.8 17.8 26.6

