

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055972.D
 Acq On : 14 Dec 2022 23:33
 Operator : CG/JU
 Sample : N6022-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-121222

Quant Time: Dec 15 00:53:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

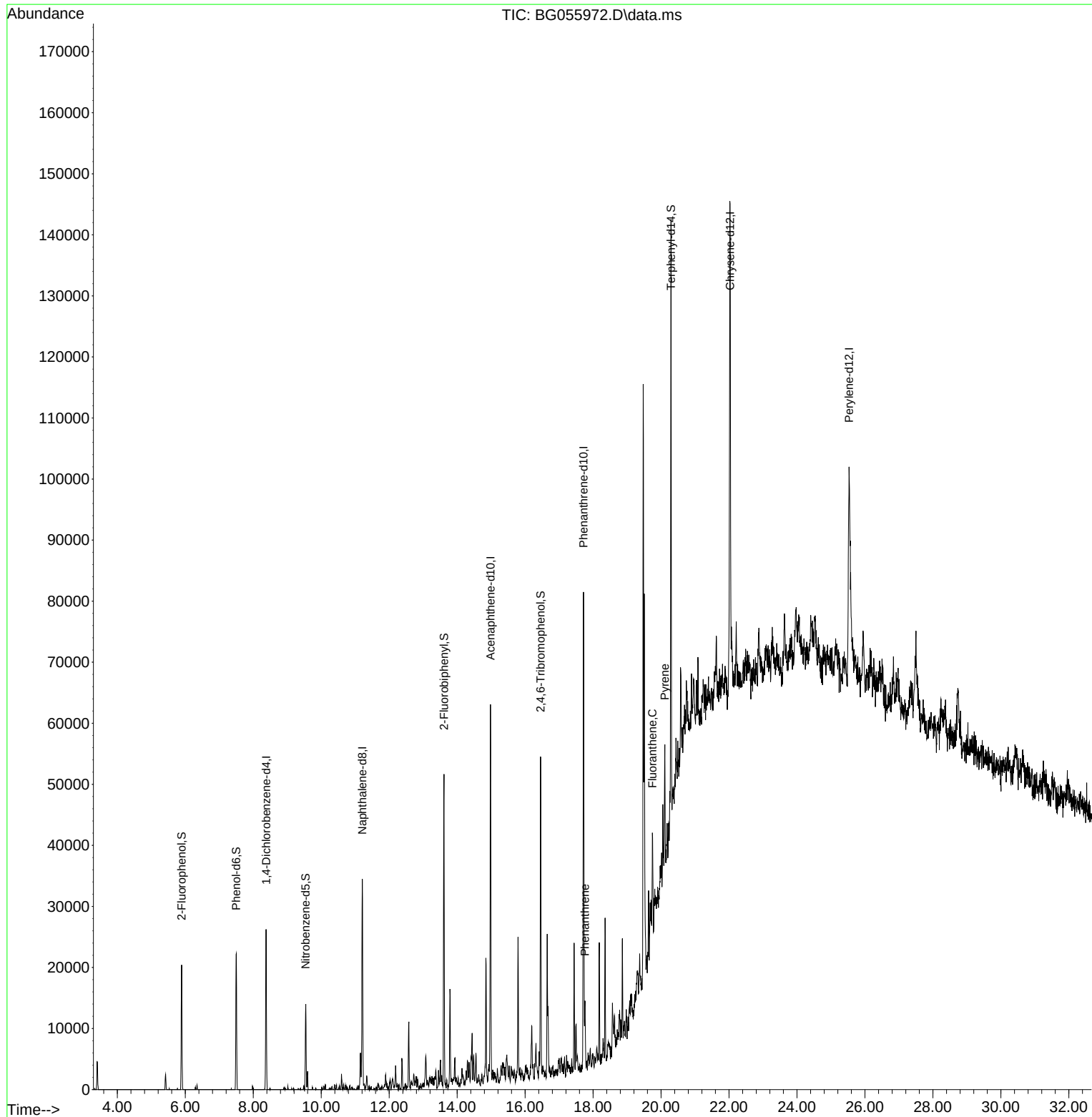
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	8242	20.000	ng	0.00
21) Naphthalene-d8	11.207	136	29350	20.000	ng	# 0.00
39) Acenaphthene-d10	14.979	164	22965	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	55629	20.000	ng	0.00
76) Chrysene-d12	22.030	240	58758	20.000	ng	0.00
86) Perylene-d12	25.532	264	56467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	8657	24.633	ng	0.00
7) Phenol-d6	7.494	99	11269	24.931	ng	0.00
23) Nitrobenzene-d5	9.539	82	7486	17.824	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	13586	24.534	ng	0.00
45) 2-Fluorobiphenyl	13.610	172	27475	16.779	ng	0.00
79) Terphenyl-d14	20.291	244	50554	15.206	ng	0.00
Target Compounds						
71) Phenanthrene	17.758	178	7991	2.741	ng	Qvalue 95
75) Fluoranthene	19.744	202	11430	2.800	ng	90
78) Pyrene	20.109	202	11147	3.135	ng	# 94

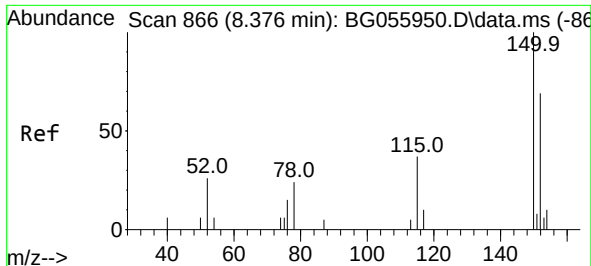
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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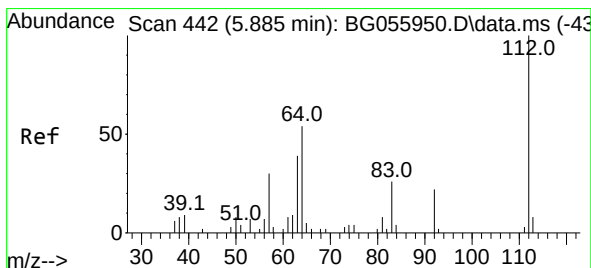
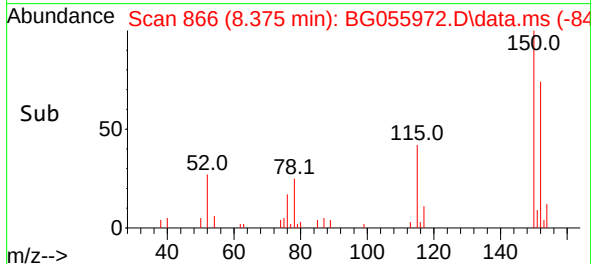
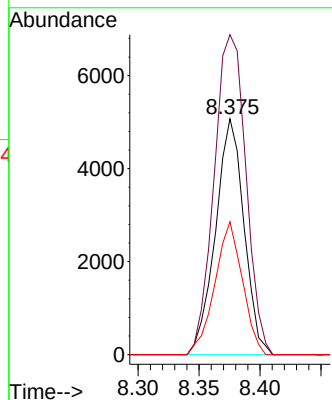
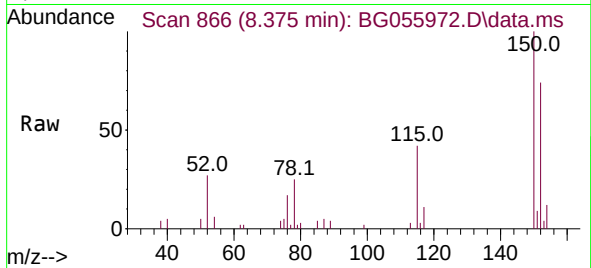




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.375 min Scan# 866
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

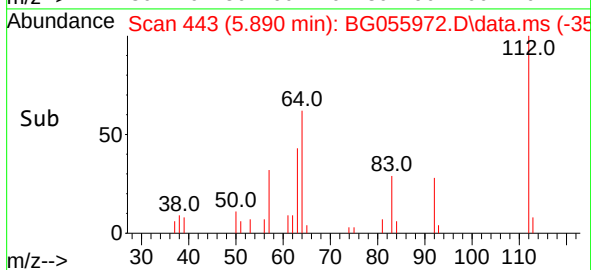
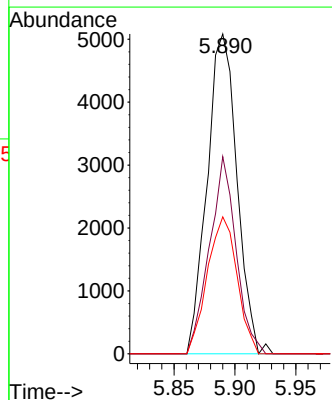
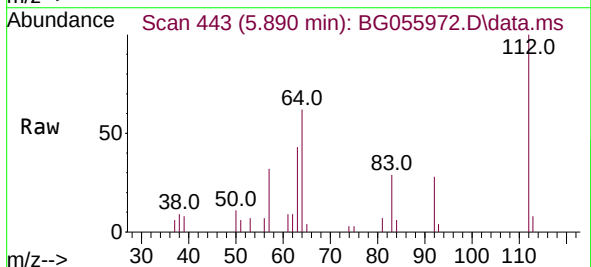
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

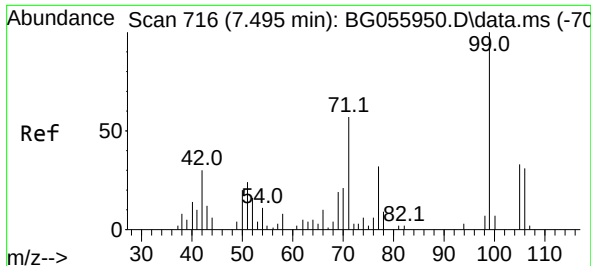
Tgt Ion:152 Resp: 8242
Ion Ratio Lower Upper
152 100
150 135.8 115.7 173.5
115 56.4 43.0 64.4



#5
2-Fluorophenol
Concen: 24.633 ng
RT: 5.890 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:112 Resp: 8657
Ion Ratio Lower Upper
112 100
64 61.6 43.0 64.4
63 42.8 31.4 47.2

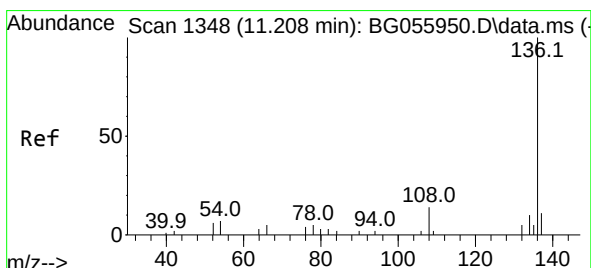
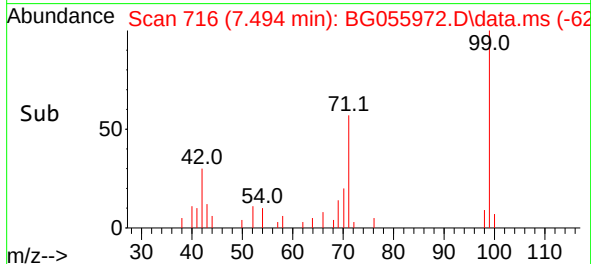
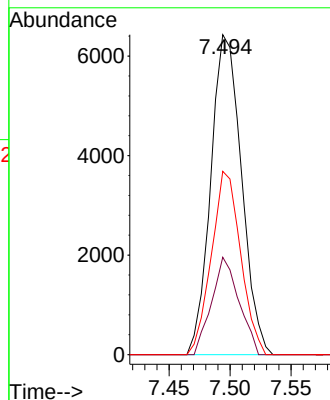
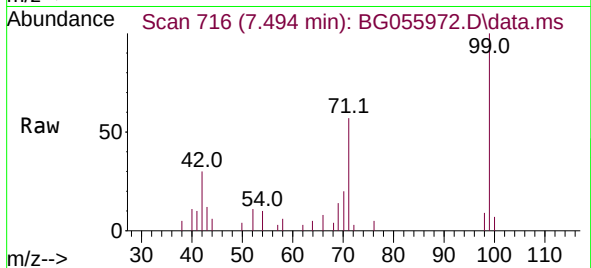




#7
Phenol-d6
Concen: 24.931 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

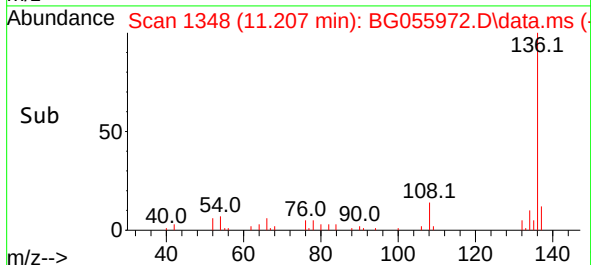
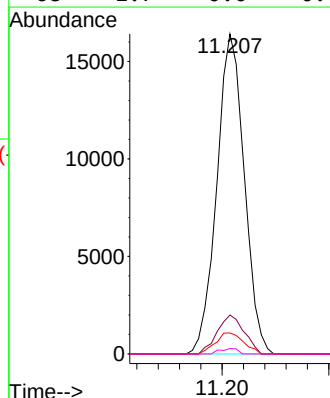
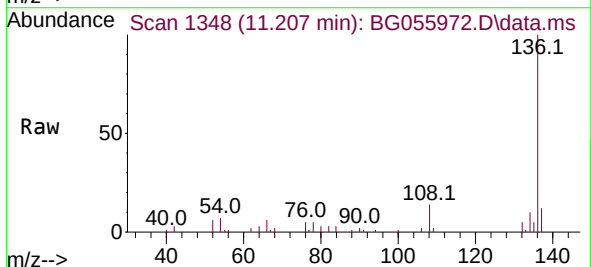
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

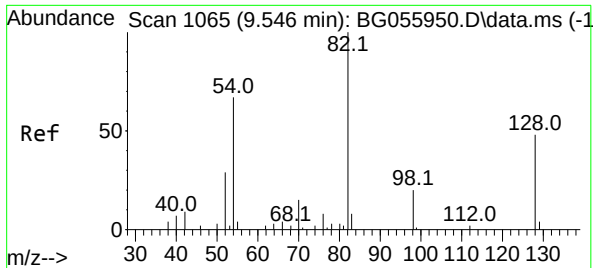
Tgt Ion: 99 Resp: 11269
Ion Ratio Lower Upper
99 100
42 30.4 24.3 36.5
71 57.3 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:136 Resp: 29350
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 6.5 5.6 8.4
68 1.7 0.0 0.0#

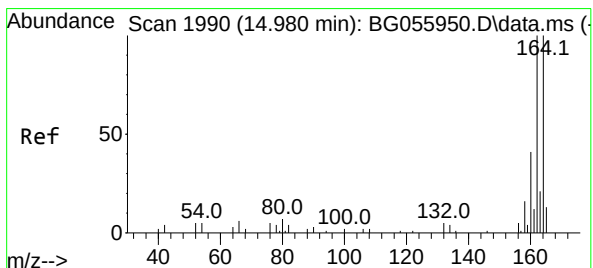
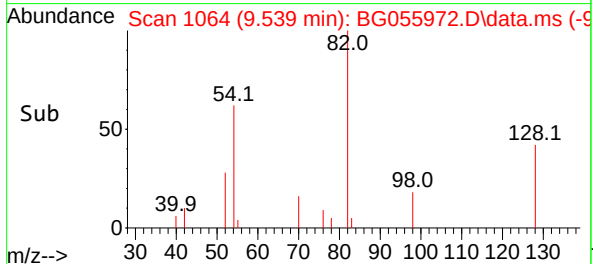
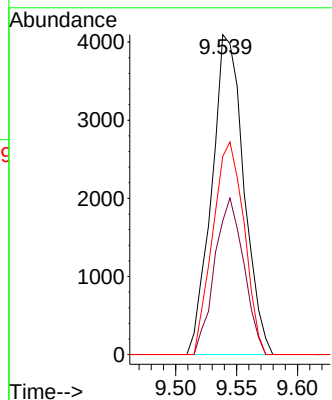
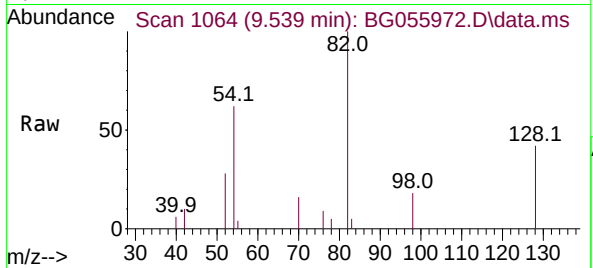




#23
Nitrobenzene-d5
Concen: 17.824 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.007 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

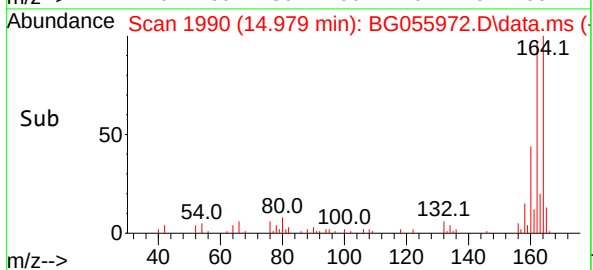
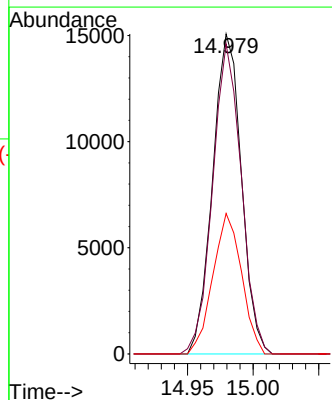
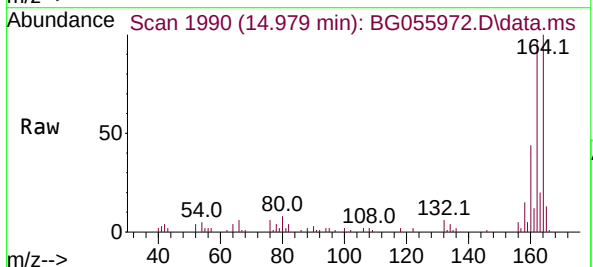
Instrument :
BNA_G
ClientSampleId :
EO-01-121222

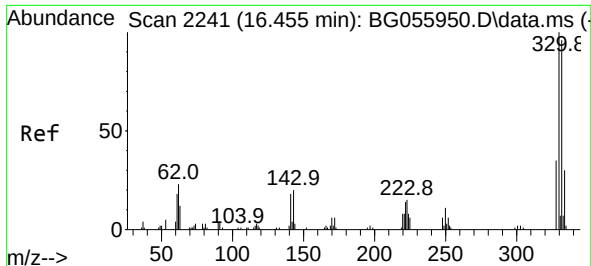
Tgt Ion: 82 Resp: 7486
Ion Ratio Lower Upper
82 100
128 41.8 38.4 57.6
54 61.9 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.979 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:164 Resp: 22965
Ion Ratio Lower Upper
164 100
162 96.9 79.8 119.8
160 43.9 33.0 49.4

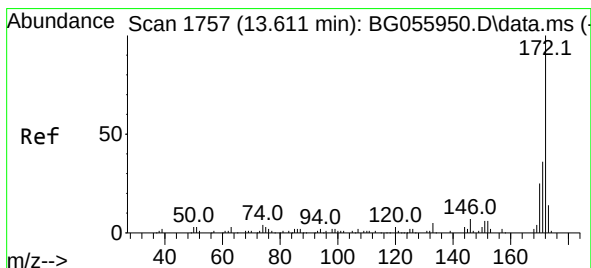
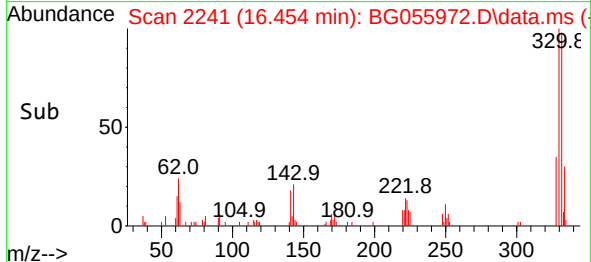
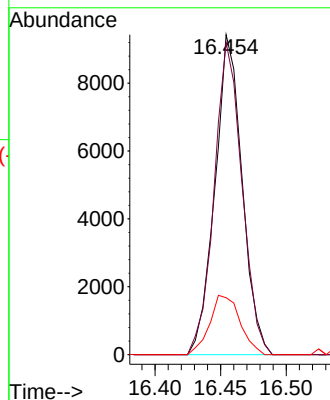
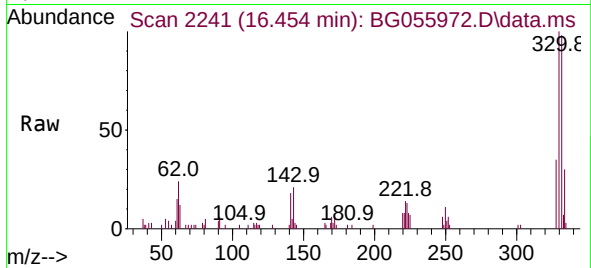




#42
 2,4,6-Tribromophenol
 Concen: 24.534 ng
 RT: 16.454 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

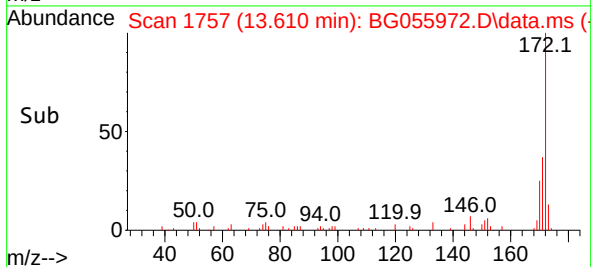
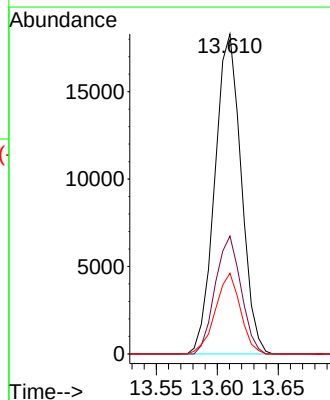
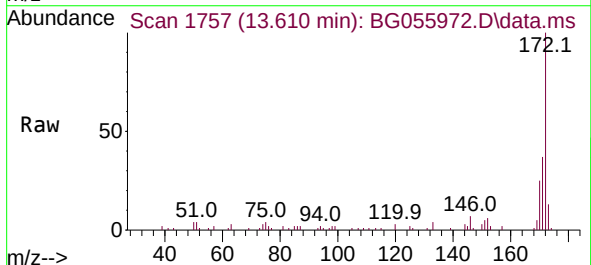
Instrument :
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 ClientSampleId :
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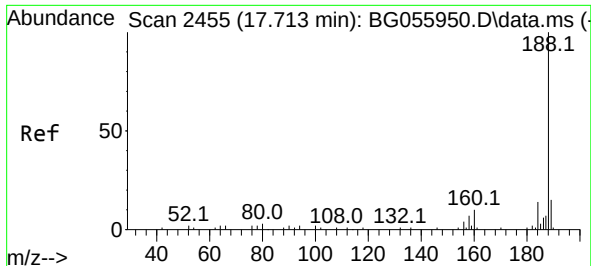
Tgt Ion:330 Resp: 13586
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 114.8
 141 20.7 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 16.779 ng
 RT: 13.610 min Scan# 1757
 Delta R.T. -0.001 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

Tgt Ion:172 Resp: 27475
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 25.2 19.9 29.9

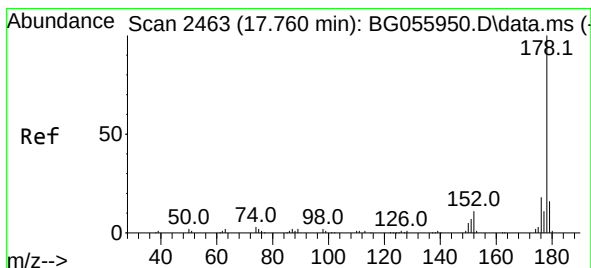
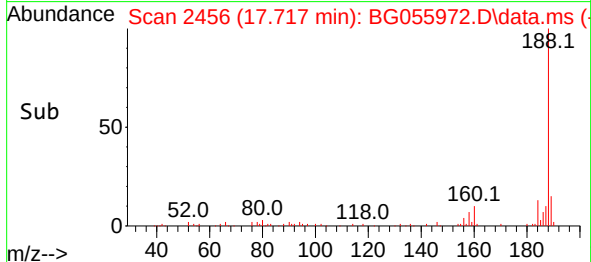
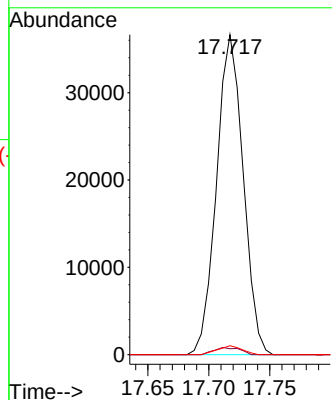
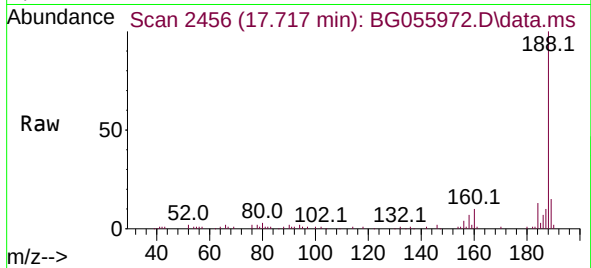




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.717 min Scan# 2455
Delta R.T. 0.005 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

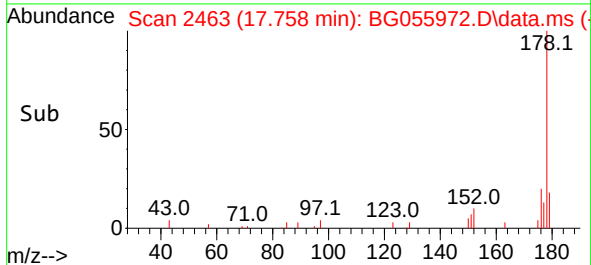
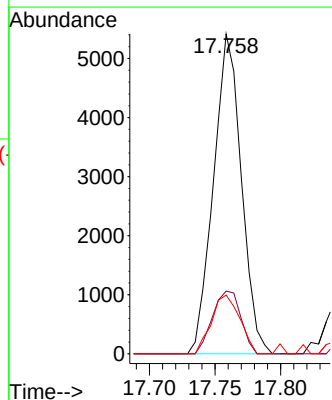
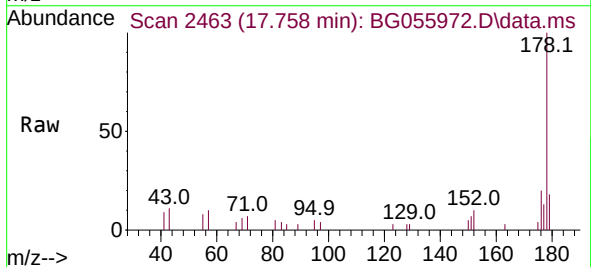
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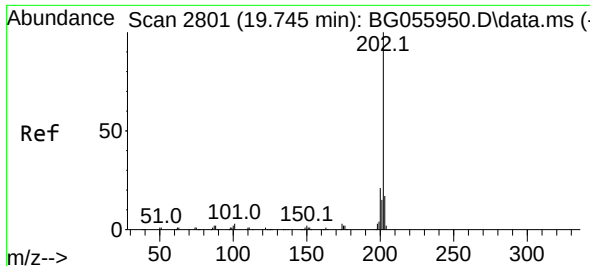
Tgt Ion:188 Resp: 55629
Ion Ratio Lower Upper
188 100
94 1.8 1.8 2.8
80 2.8 2.4 3.6



#71
Phenanthrene
Concen: 2.741 ng
RT: 17.758 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG055972.D
Acq: 14 Dec 2022 23:33

Tgt Ion:178 Resp: 7991
Ion Ratio Lower Upper
178 100
176 19.6 14.4 21.6
179 18.3 12.7 19.1

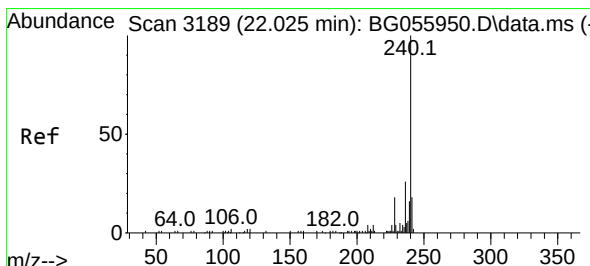
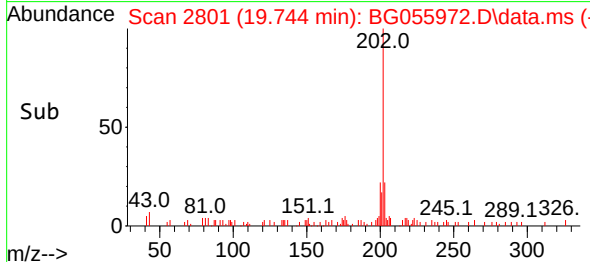
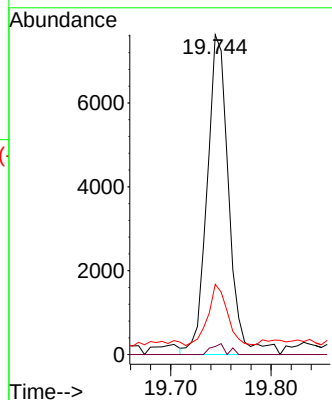
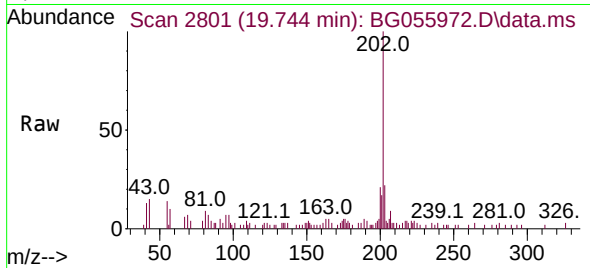




#75
 Fluoranthene
 Concen: 2.800 ng
 RT: 19.744 min Scan# 2801
 Delta R.T. -0.001 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

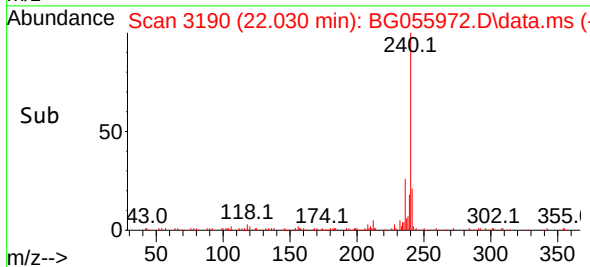
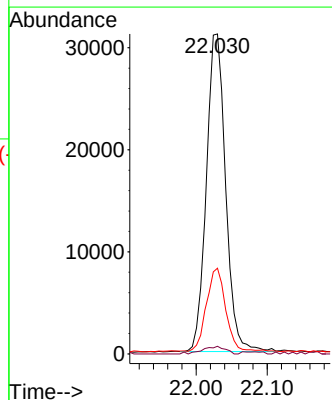
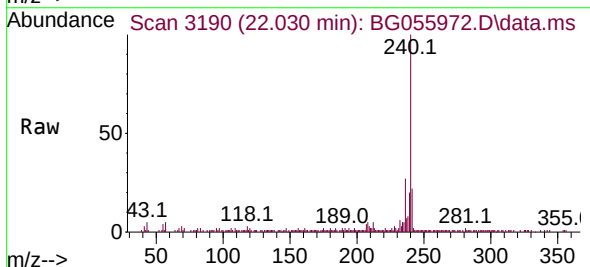
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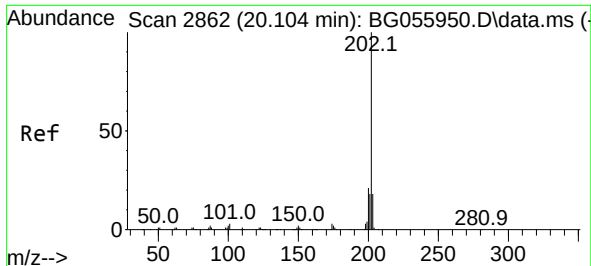
Tgt Ion:	202	Resp:	11430
Ion Ratio	Lower	Upper	
202	100		
101	2.5	0.0	22.6
203	22.0	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.030 min Scan# 3190
 Delta R.T. 0.005 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

Tgt Ion:	240	Resp:	58758
Ion Ratio	Lower	Upper	
240	100		
120	2.4	1.7	2.5
236	26.8	21.1	31.7

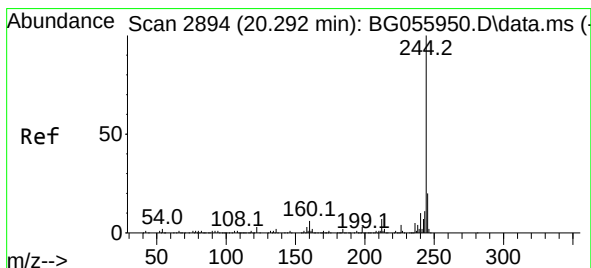
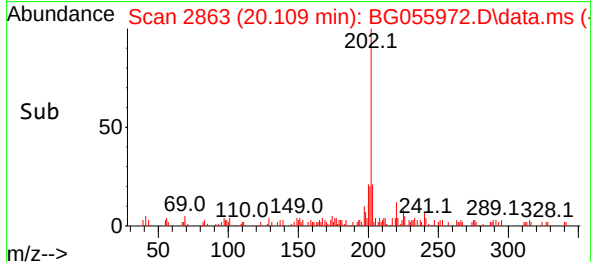
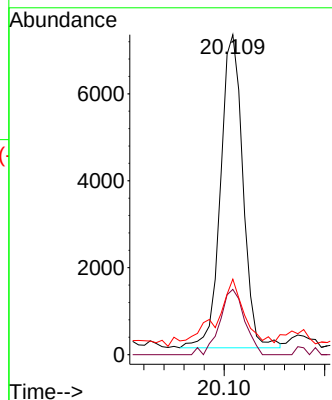
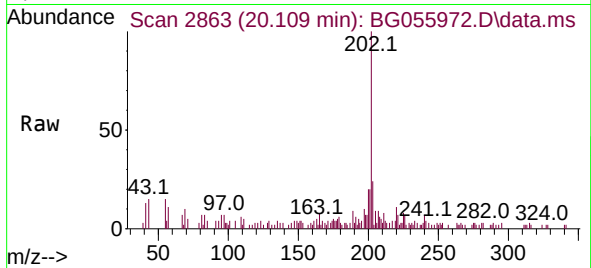




#78
 Pyrene
 Concen: 3.135 ng
 RT: 20.109 min Scan# 2863
 Delta R.T. 0.005 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

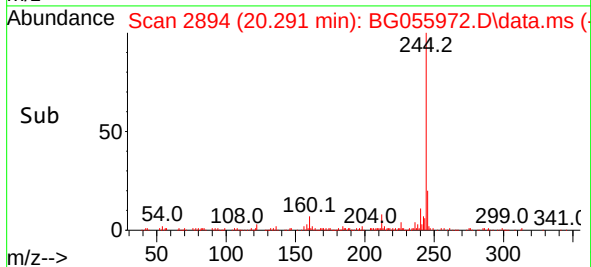
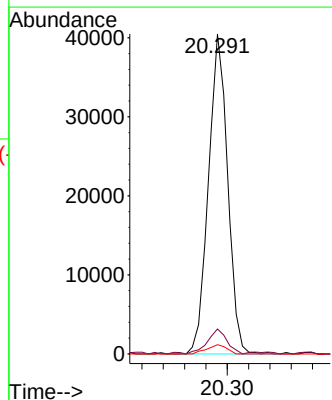
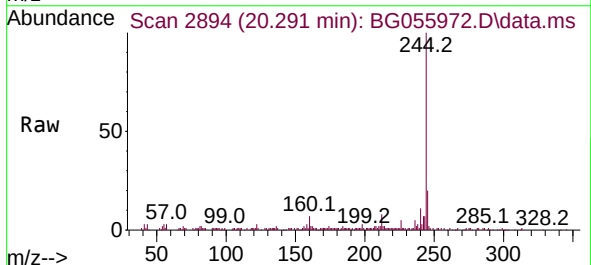
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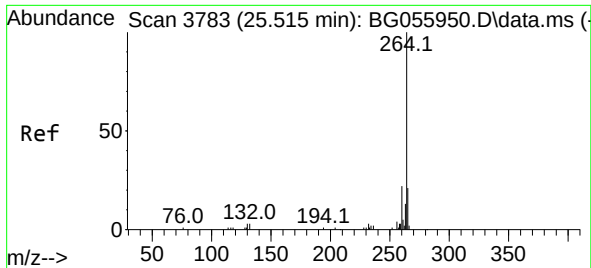
Tgt Ion:202 Resp: 11147
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.7 25.1
 203 23.6 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 15.206 ng
 RT: 20.291 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG055972.D
 Acq: 14 Dec 2022 23:33

Tgt Ion:244 Resp: 50554
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 2.9 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.532 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG055972.D

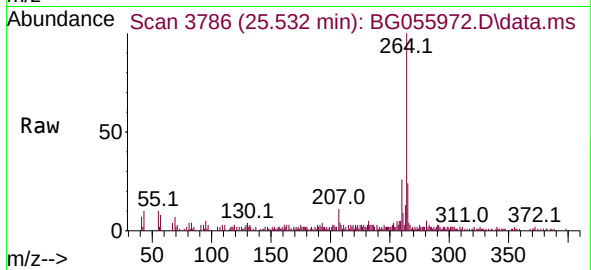
Acq: 14 Dec 2022 23:33

Instrument :

BNA_G

ClientSampleId :

EO-01-121222



Tgt Ion:264 Resp: 56467

Ion Ratio Lower Upper

264 100

260 26.0 17.8 26.8

265 23.5 16.6 25.0

