

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055979.D
 Acq On : 15 Dec 2022 16:25
 Operator : CG/JU
 Sample : N6057-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1522

Quant Time: Dec 16 04:03:55 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)

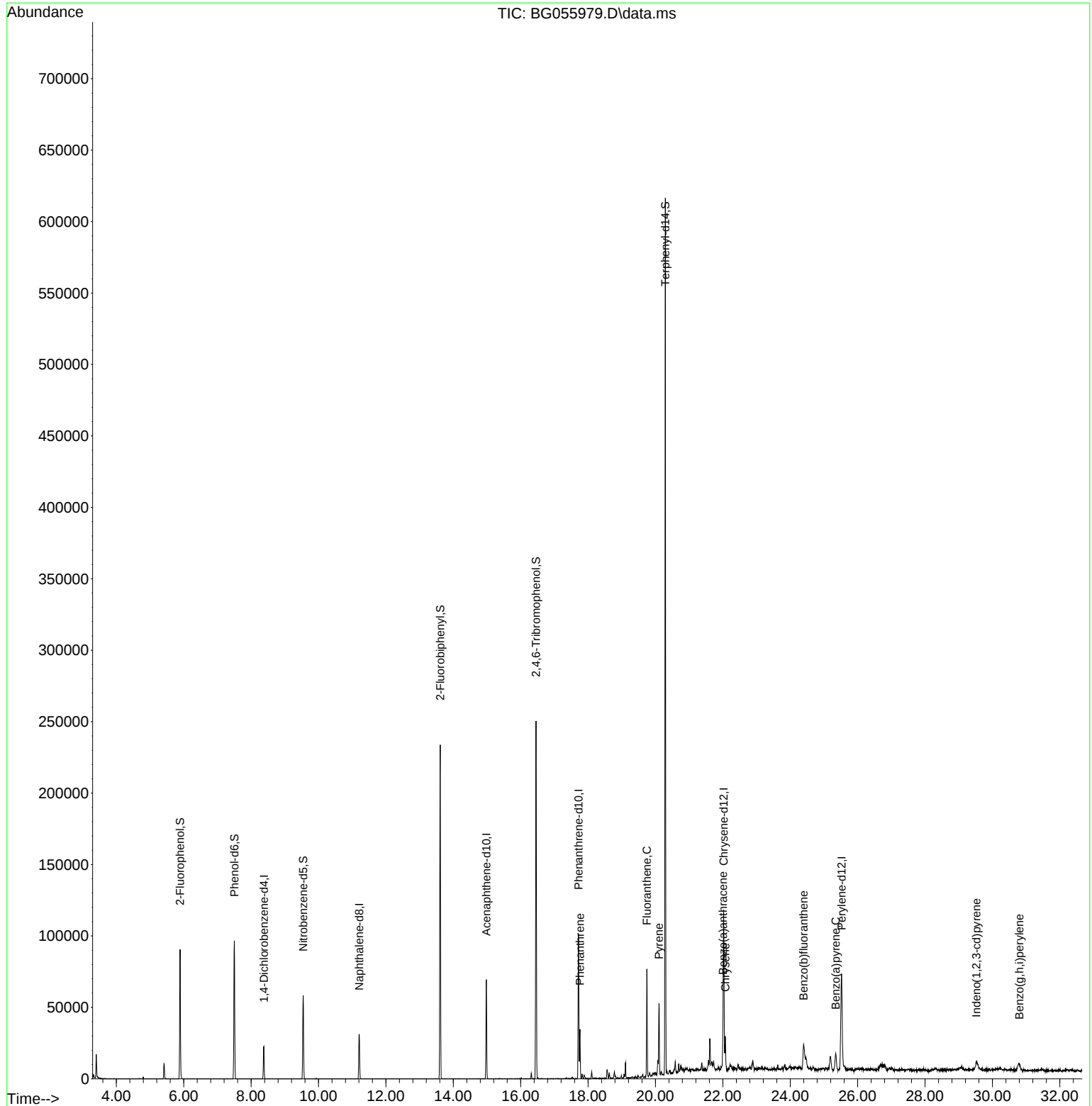
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	7343	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	28803	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	27002	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	76057	20.000	ng	0.00
76) Chrysene-d12	22.025	240	78106	20.000	ng	0.00
86) Perylene-d12	25.521	264	93066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	37879	120.976	ng	0.00
7) Phenol-d6	7.501	99	47169	117.131	ng	0.00
23) Nitrobenzene-d5	9.545	82	30613	74.274	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	67349	103.439	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	127013	65.971	ng	0.00
79) Terphenyl-d14	20.292	244	322240	72.917	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.759	178	26189	6.571	ng	98
75) Fluoranthene	19.745	202	54383	9.744	ng	99
78) Pyrene	20.104	202	38113	8.064	ng	99
81) Benzo(a)anthracene	22.001	228	12788	2.327	ng	98
83) Chrysene	22.072	228	22607	4.389	ng	96
87) Indeno(1,2,3-cd)pyrene	29.522	276	15241	2.037	ng	# 97
88) Benzo(b)fluoranthene	24.399	252	30269	5.025	ng	99
90) Benzo(a)pyrene	25.350	252	16865	3.313	ng	# 98
92) Benzo(g,h,i)perylene	30.797	276	14215	2.347	ng	# 98

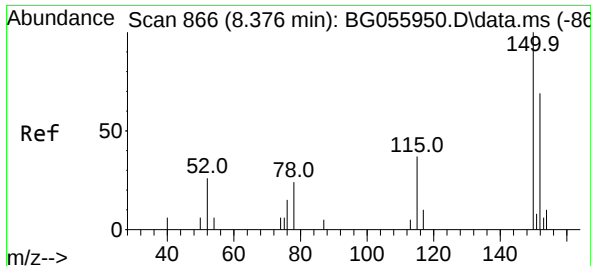
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055979.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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1522

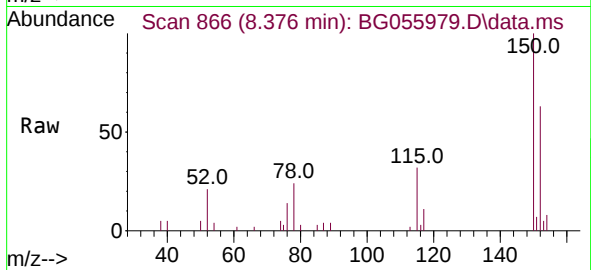
Quant Time: Dec 16 04:03:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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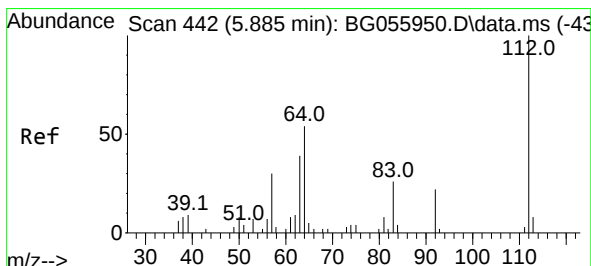
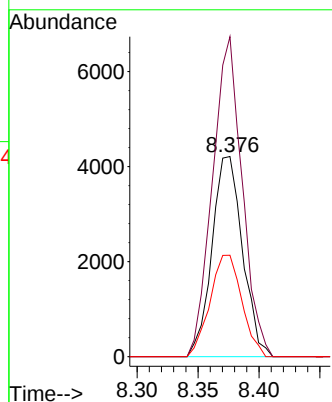
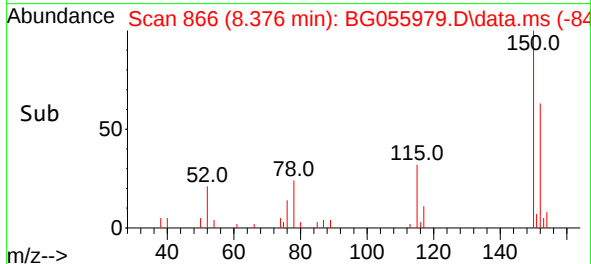


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.376 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

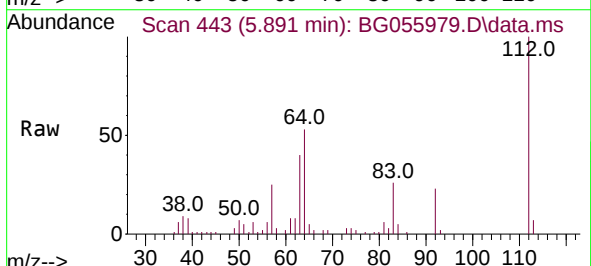
Instrument :
BNA_G
ClientSampleId :
1522



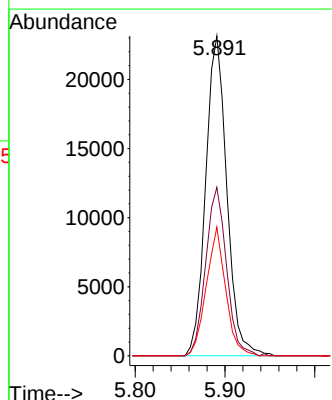
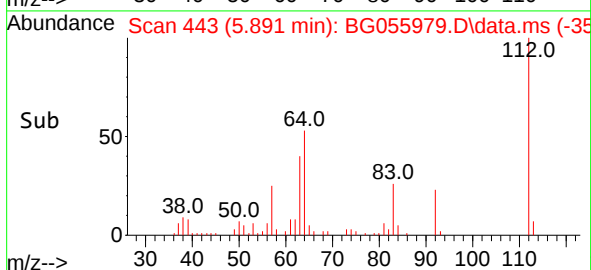
Tgt Ion:152 Resp: 7343
Ion Ratio Lower Upper
152 100
150 159.9 115.7 173.5
115 50.6 43.0 64.4

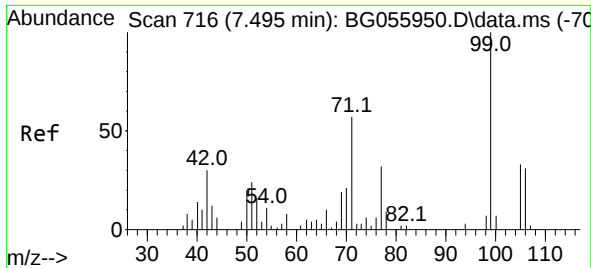


#5
2-Fluorophenol
Concen: 120.976 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25



Tgt Ion:112 Resp: 37879
Ion Ratio Lower Upper
112 100
64 52.7 43.0 64.4
63 40.2 31.4 47.2

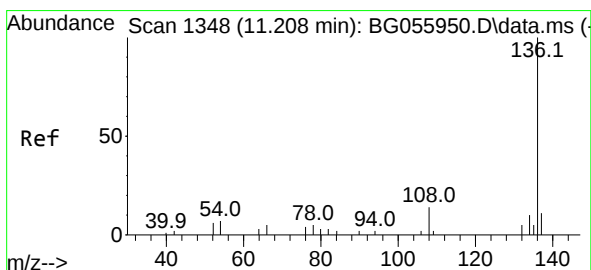
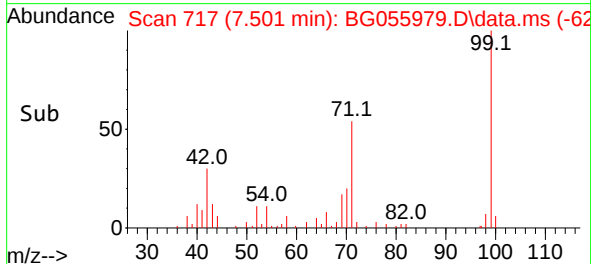
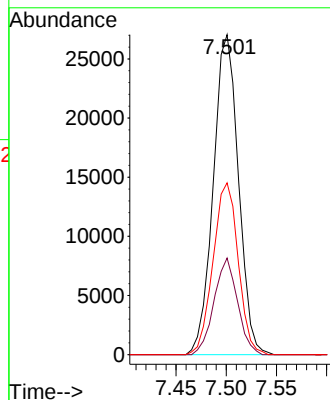
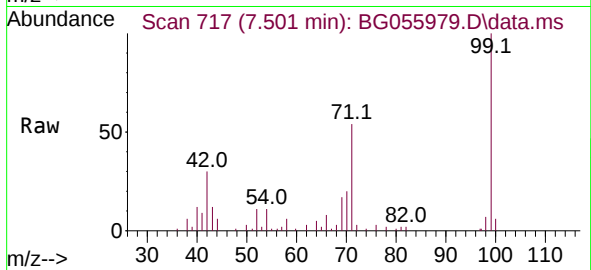




#7
Phenol-d6
Concen: 117.131 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

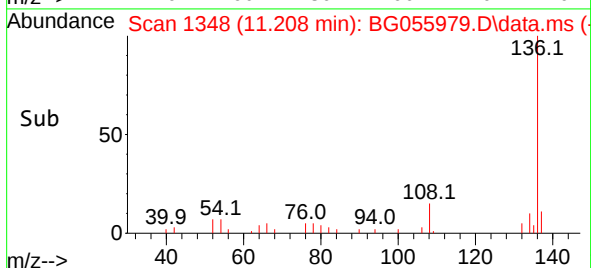
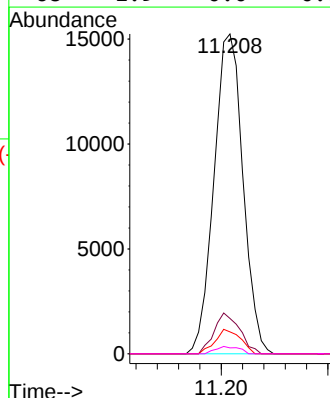
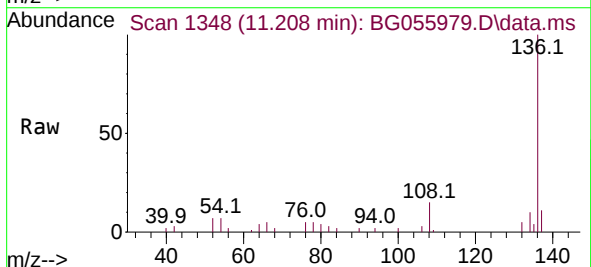
Instrument :
BNA_G
ClientSampleId :
1522

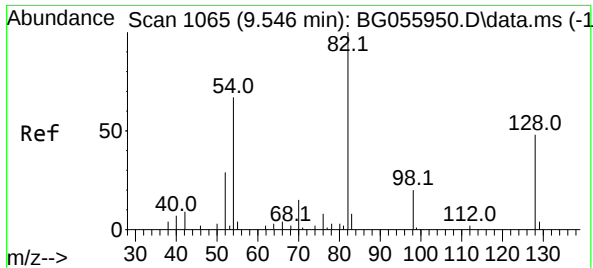
Tgt Ion: 99 Resp: 47169
Ion Ratio Lower Upper
99 100
42 30.2 24.3 36.5
71 53.7 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

Tgt Ion: 136 Resp: 28803
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.9 5.6 8.4
68 1.9 0.0 0.0

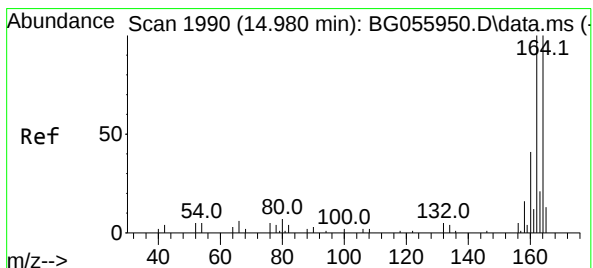
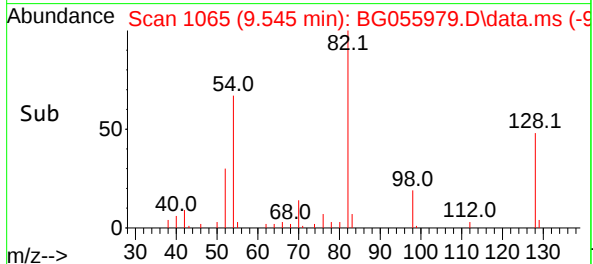
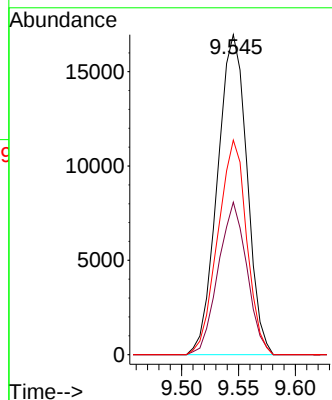
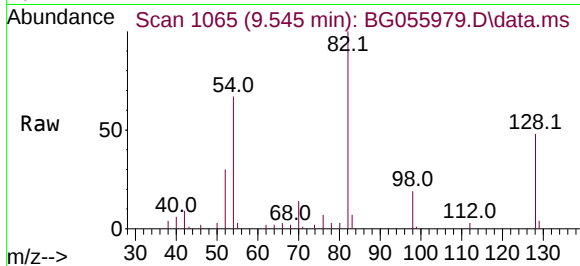




#23
Nitrobenzene-d5
Concen: 74.274 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

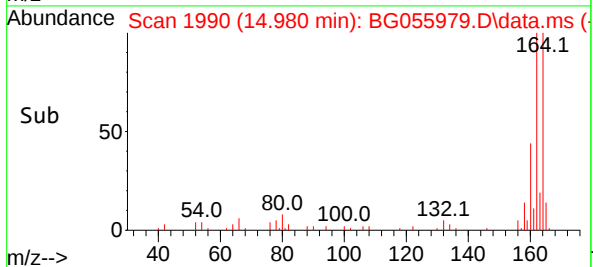
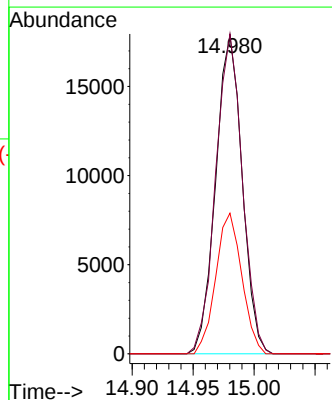
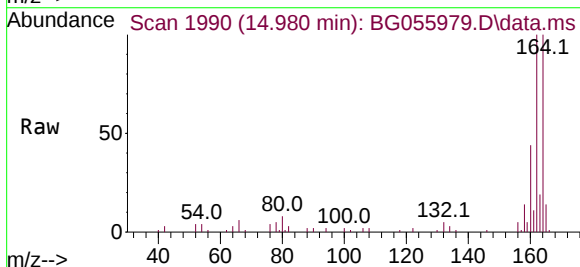
Instrument :
BNA_G
ClientSampleId :
1522

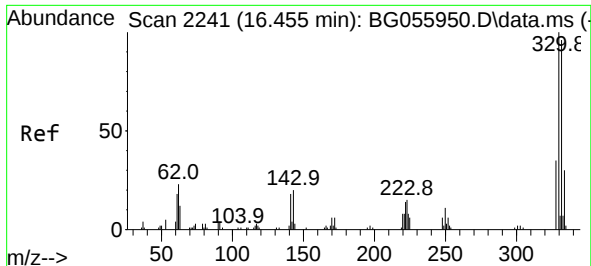
Tgt Ion: 82 Resp: 30613
Ion Ratio Lower Upper
82 100
128 47.6 38.4 57.6
54 67.0 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

Tgt Ion: 164 Resp: 27002
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.1 33.0 49.4

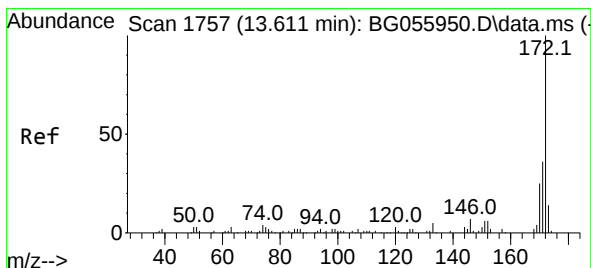
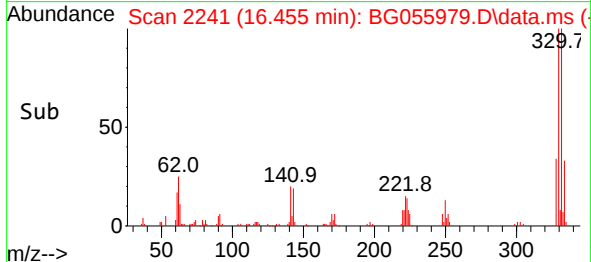
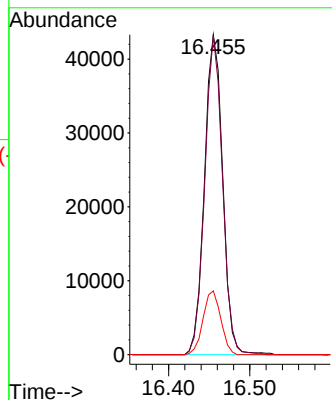
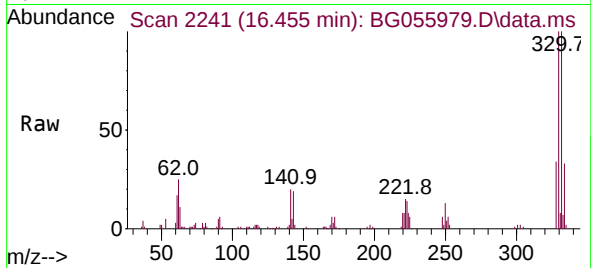




#42
 2,4,6-Tribromophenol
 Concen: 103.439 ng
 RT: 16.455 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

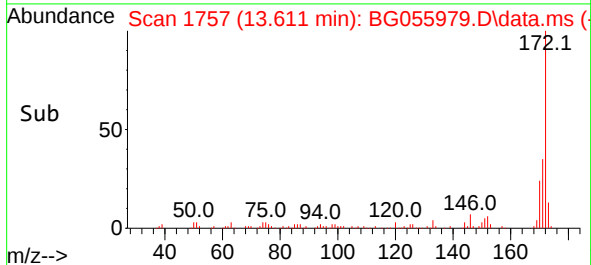
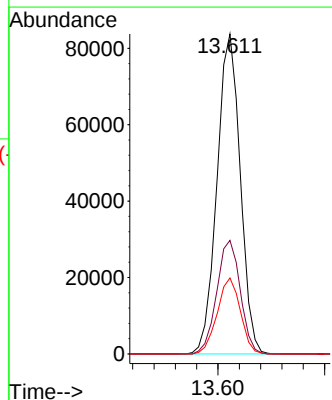
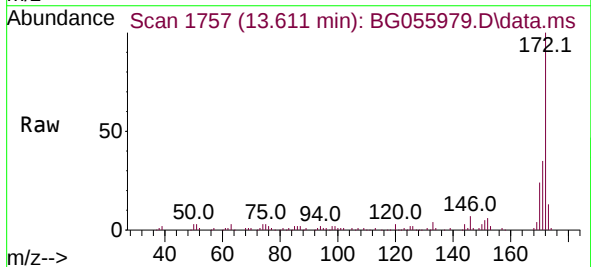
Instrument :
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 ClientSampleId :
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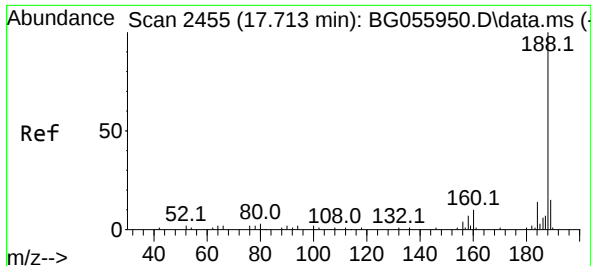
Tgt Ion:330 Resp: 67349
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 19.3 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 65.971 ng
 RT: 13.611 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

Tgt Ion:172 Resp: 127013
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.7 19.9 29.9

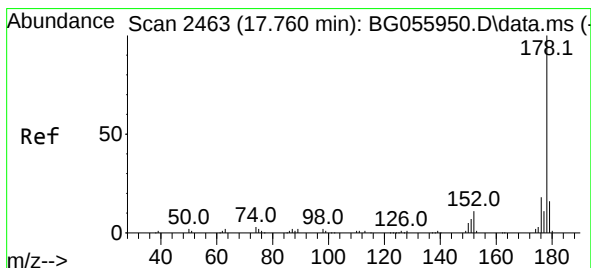
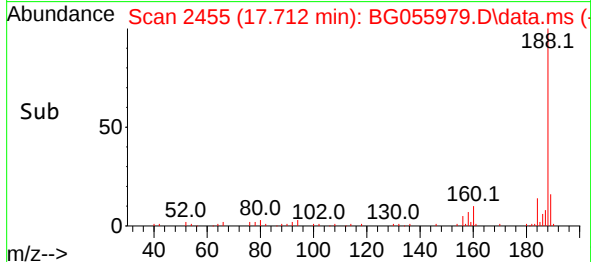
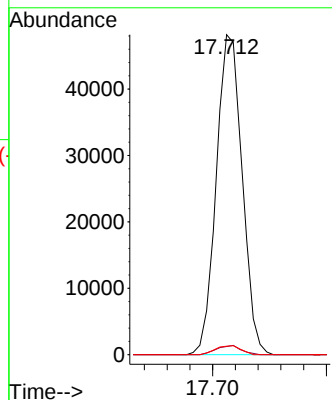
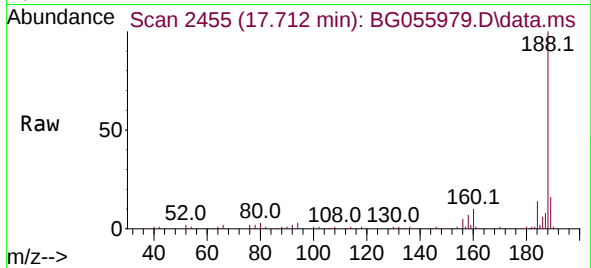




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

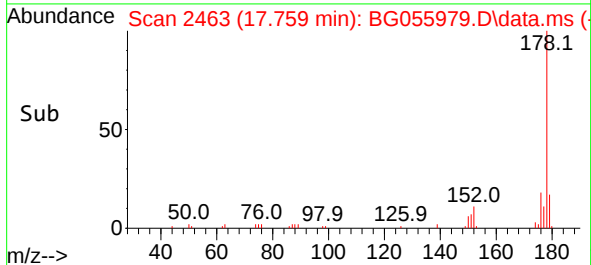
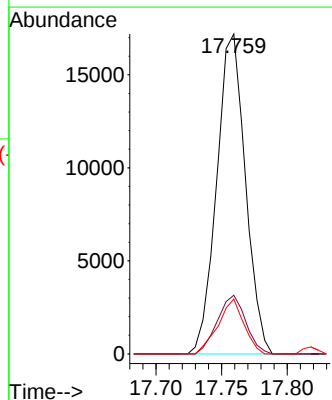
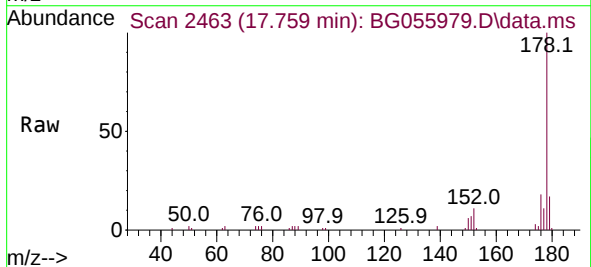
Instrument :
BNA_G
ClientSampleId :
1522

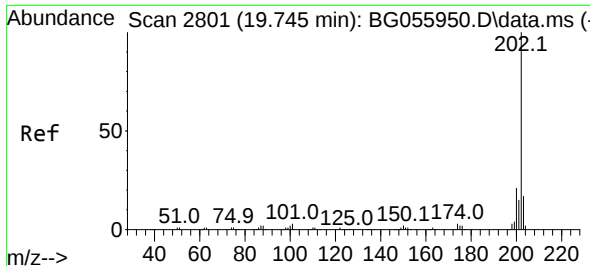
Tgt Ion:188 Resp: 76057
Ion Ratio Lower Upper
188 100
94 2.5 1.8 2.8
80 2.6 2.4 3.6



#71
Phenanthrene
Concen: 6.571 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

Tgt Ion:178 Resp: 26189
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 17.1 12.7 19.1

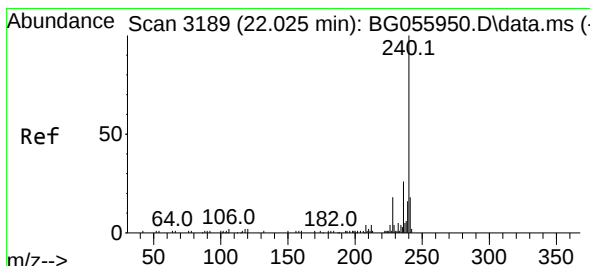
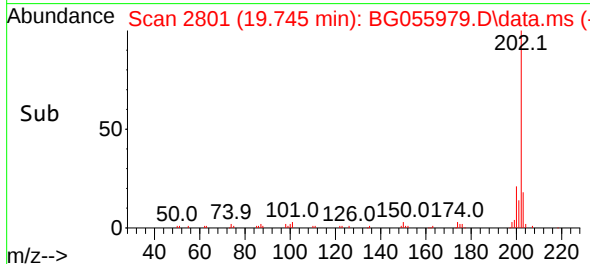
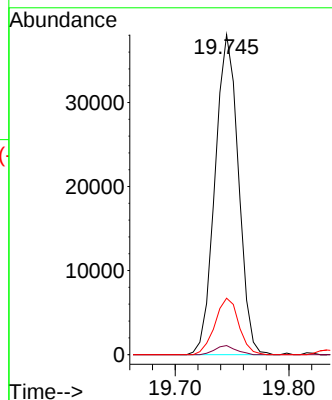
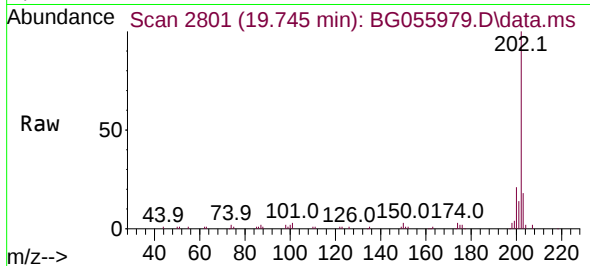




#75
Fluoranthene
Concen: 9.744 ng
RT: 19.745 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

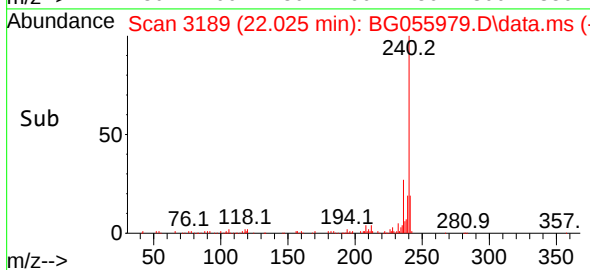
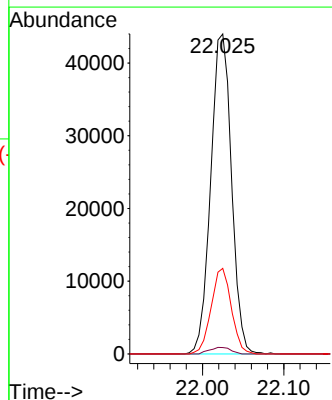
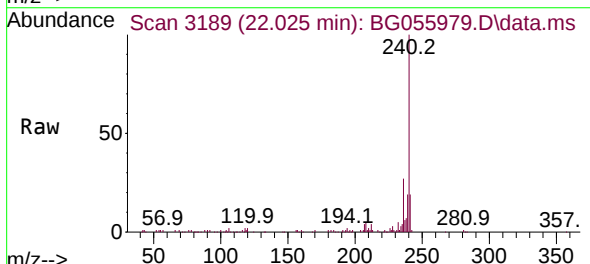
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ClientSampleId :
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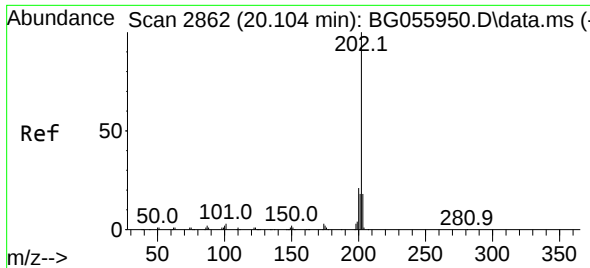
Tgt Ion:	202	Resp:	54383
Ion Ratio	Lower	Upper	
202	100		
101	2.8	0.0	22.6
203	17.6	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

Tgt Ion:	240	Resp:	78106
Ion Ratio	Lower	Upper	
240	100		
120	2.0	1.7	2.5
236	26.7	21.1	31.7

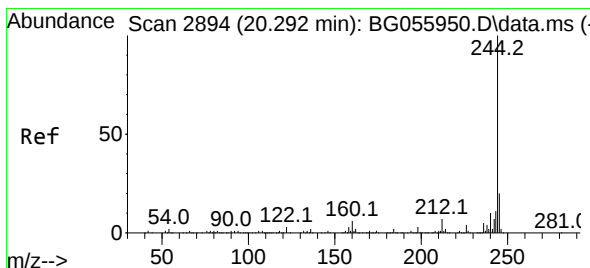
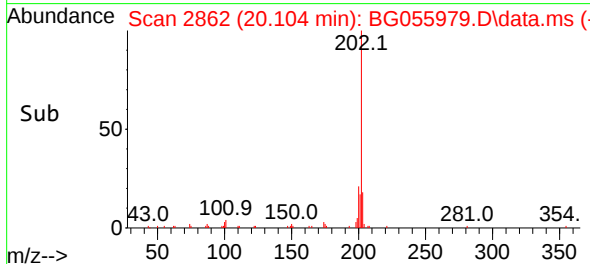
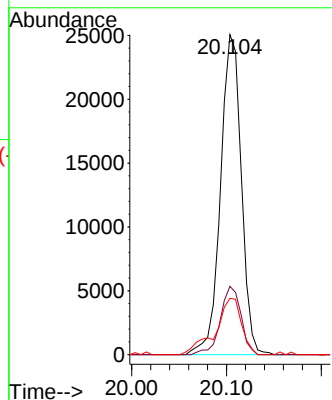
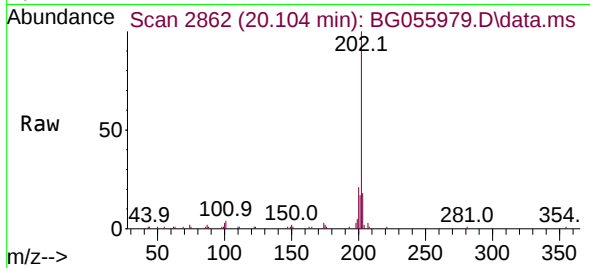




#78
 Pyrene
 Concen: 8.064 ng
 RT: 20.104 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

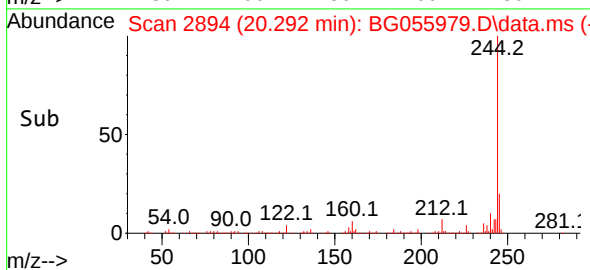
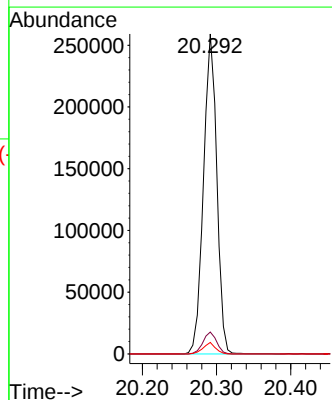
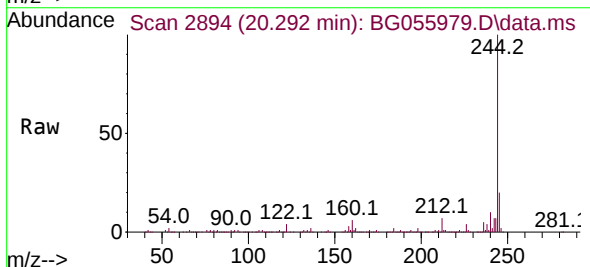
Instrument :
 BNA_G
 ClientSampleId :
 1522

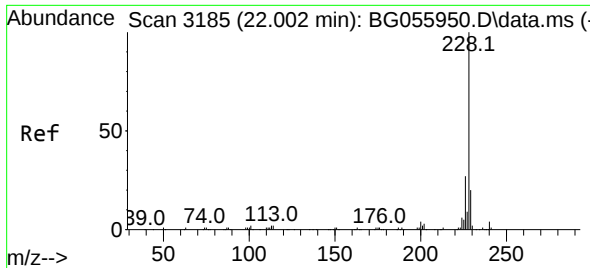
Tgt Ion:	202	Resp:	38113
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.7	25.1
203	17.6	14.6	21.8



#79
 Terphenyl-d14
 Concen: 72.917 ng
 RT: 20.292 min Scan# 2894
 Delta R.T. -0.000 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

Tgt Ion:	244	Resp:	322240
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	3.6	2.5	3.7

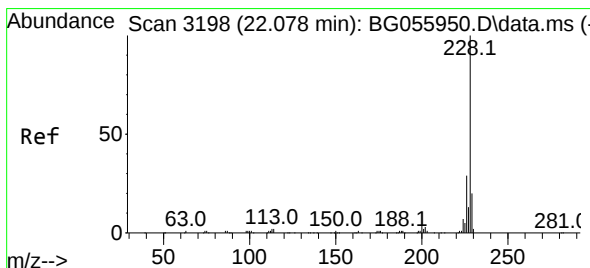
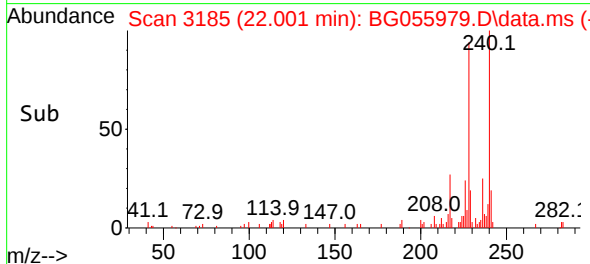
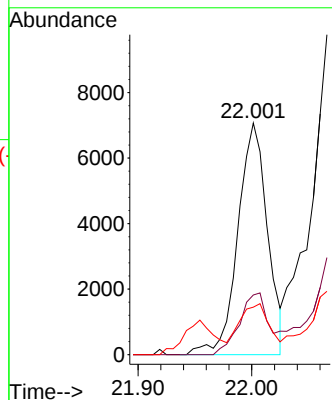
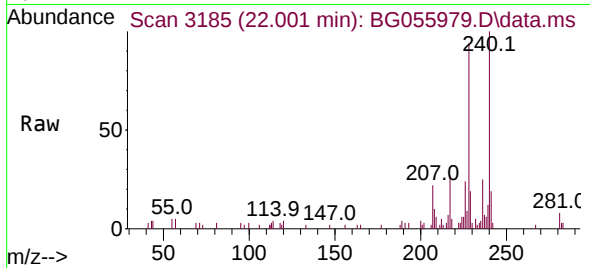




#81
Benzo(a)anthracene
Concen: 2.327 ng
RT: 22.001 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

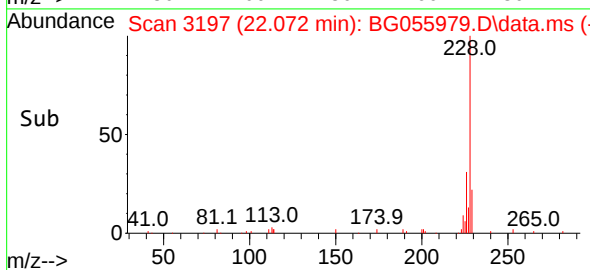
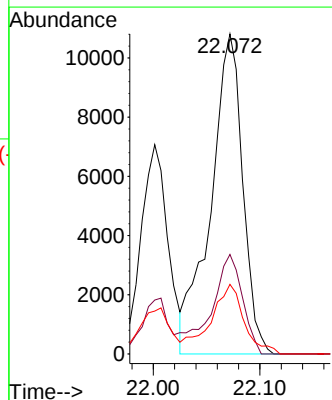
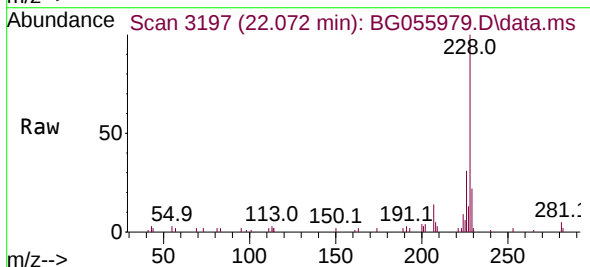
Instrument :
BNA_G
ClientSampleId :
1522

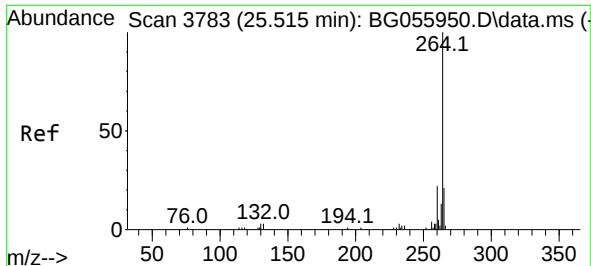
Tgt Ion:228	Resp:	12788
Ion Ratio	Lower	Upper
228	100	
226	25.7	21.8 32.6
229	20.5	15.9 23.9



#83
Chrysene
Concen: 4.389 ng
RT: 22.072 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BG055979.D
Acq: 15 Dec 2022 16:25

Tgt Ion:228	Resp:	22607
Ion Ratio	Lower	Upper
228	100	
226	31.1	23.1 34.7
229	21.7	15.7 23.5

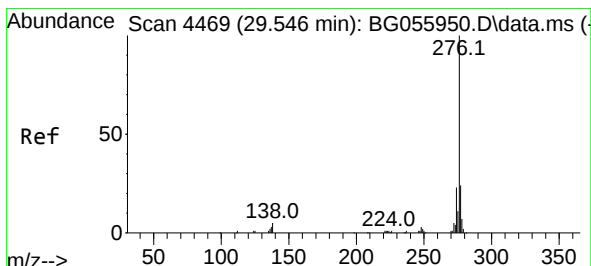
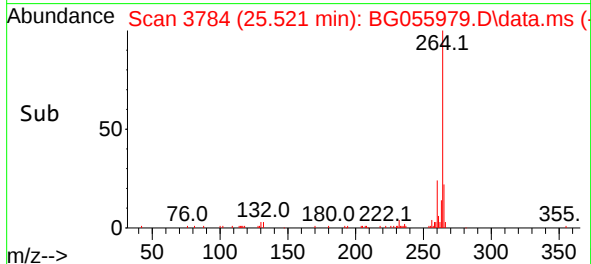
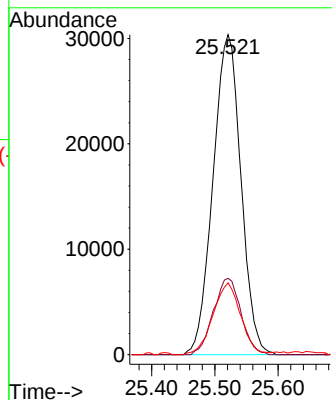
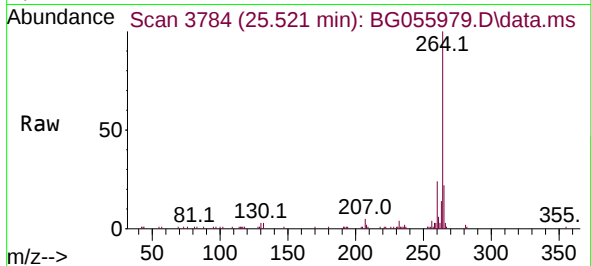




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.521 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

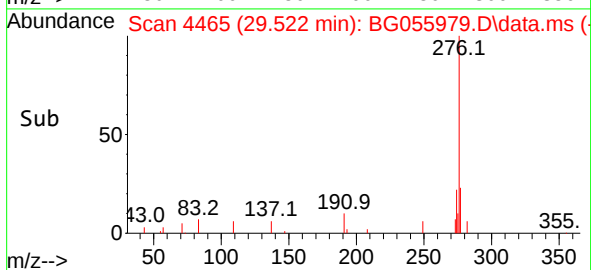
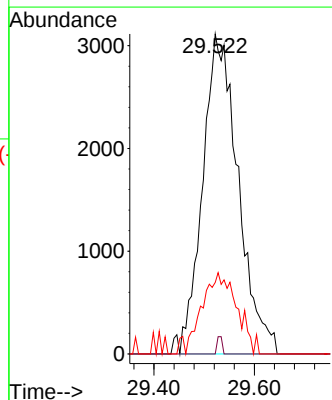
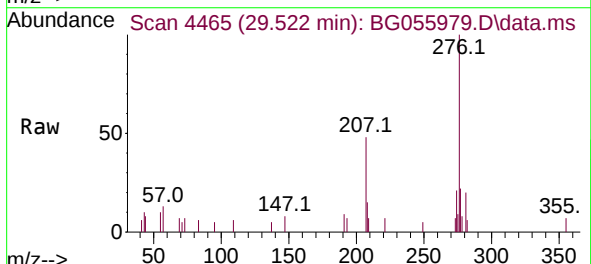
Instrument :
 BNA_G
 ClientSampleId :
 1522

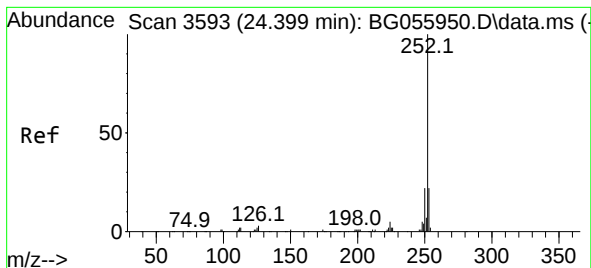
Tgt Ion:264 Resp: 93066
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.8
 265 22.4 16.6 25.0



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.037 ng
 RT: 29.522 min Scan# 4465
 Delta R.T. -0.024 min
 Lab File: BG055979.D
 Acq: 15 Dec 2022 16:25

Tgt Ion:276 Resp: 15241
 Ion Ratio Lower Upper
 276 100
 138 0.8 3.0 4.4#
 277 24.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 5.025 ng

RT: 24.399 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG055979.D

Acq: 15 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

1522

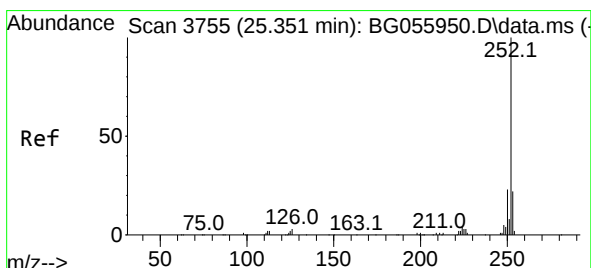
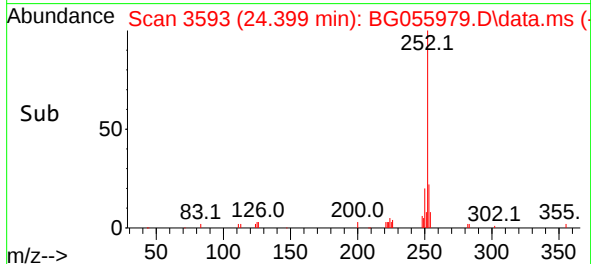
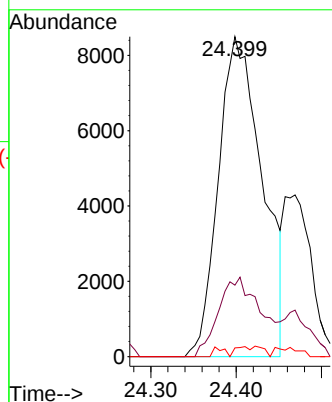
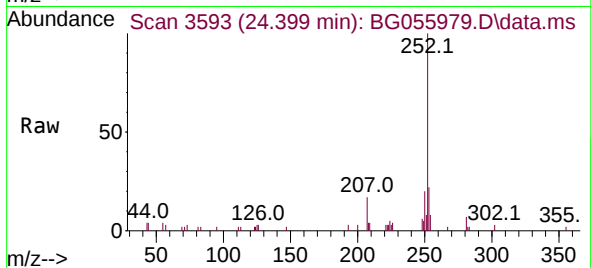
Tgt Ion:252 Resp: 30269

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 2.7 1.8 2.8



#90

Benzo(a)pyrene

Concen: 3.313 ng

RT: 25.350 min Scan# 3755

Delta R.T. -0.000 min

Lab File: BG055979.D

Acq: 15 Dec 2022 16:25

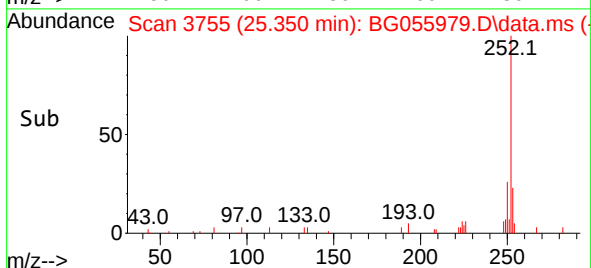
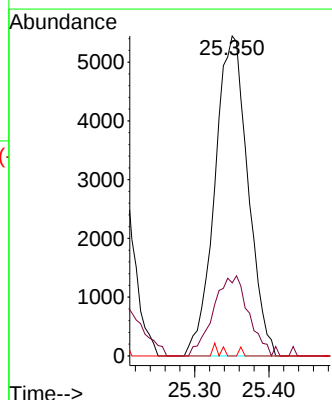
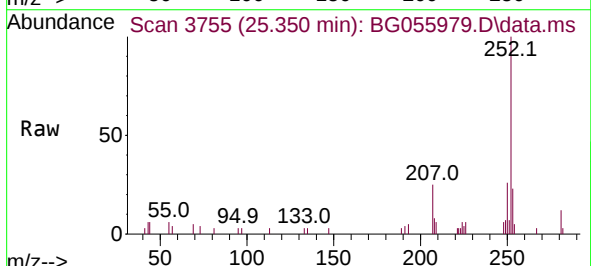
Tgt Ion:252 Resp: 16865

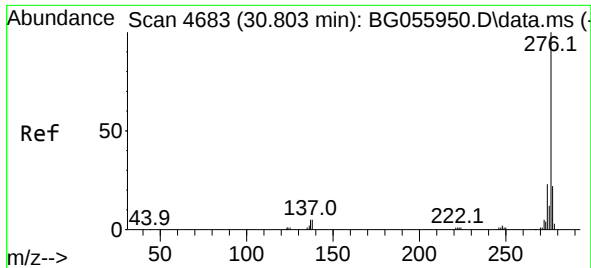
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 0.0 1.9 2.9#





#92

Benzo(g,h,i)perylene

Concen: 2.347 ng

RT: 30.797 min Scan# 4682

Delta R.T. -0.006 min

Lab File: BG055979.D

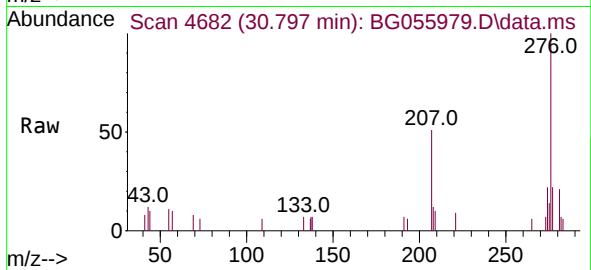
Acq: 15 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

1522



Tgt Ion:276 Resp: 14215

Ion Ratio Lower Upper

276 100

277 22.0 17.8 26.6

138 7.0 3.8 5.6#

