

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG055996.D
 Acq On : 16 Dec 2022 16:24
 Operator : CG/JU
 Sample : N6037-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-25-(7-9)

Quant Time: Dec 17 01:21:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

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

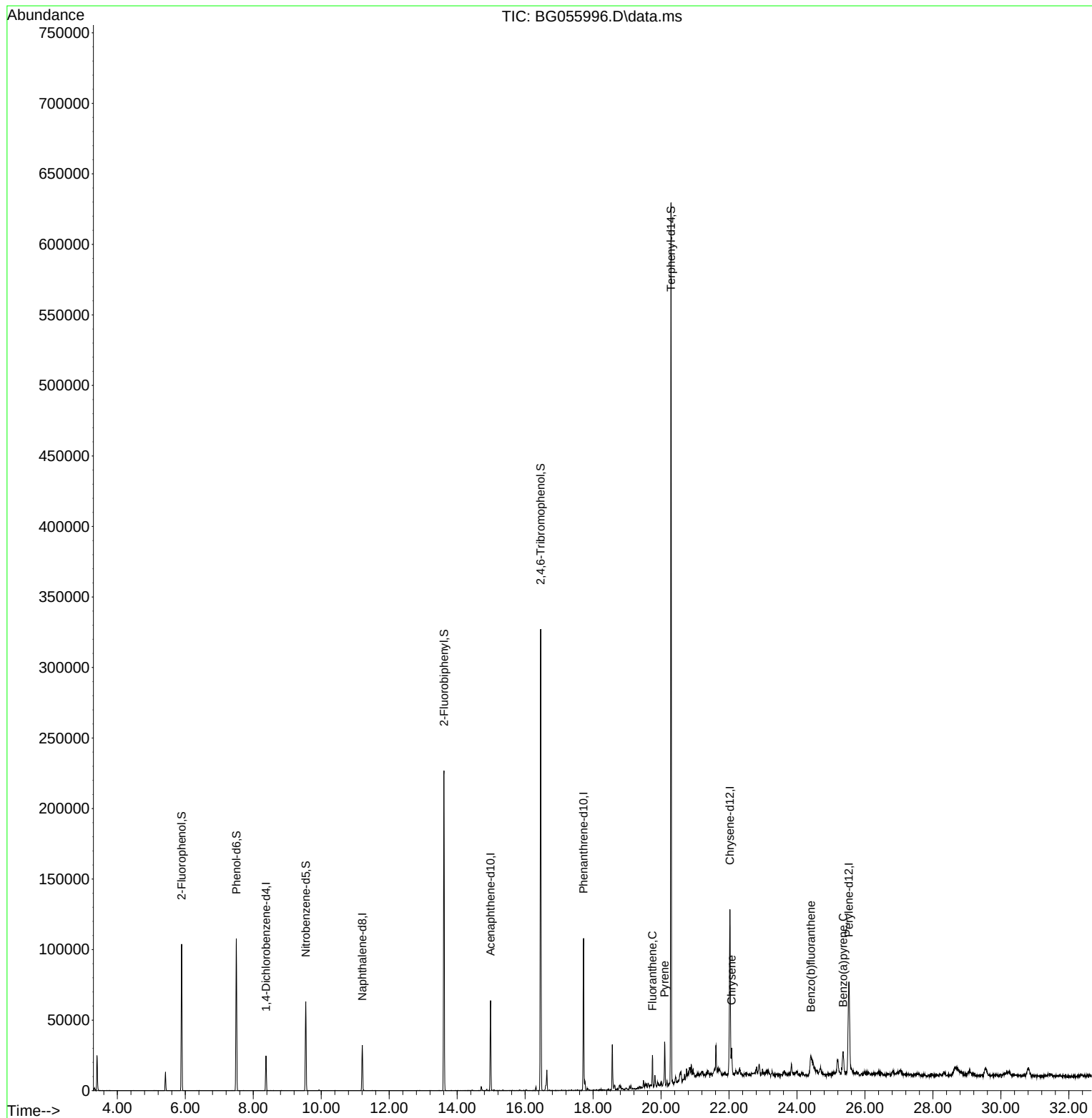
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	7709	20.000	ng	0.00
21) Naphthalene-d8	11.209	136	28550	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	25161	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	77907	20.000	ng	# 0.00
76) Chrysene-d12	22.025	240	76192	20.000	ng	0.00
86) Perylene-d12	25.527	264	91750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	42773	130.121	ng	0.00
7) Phenol-d6	7.501	99	51947	122.871	ng	0.00
23) Nitrobenzene-d5	9.546	82	32952	80.657	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	87760	144.650	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	130091	72.513	ng	0.00
79) Terphenyl-d14	20.292	244	337765	78.350	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.746	202	15555	2.721	ng	95
78) Pyrene	20.104	202	23085	5.007	ng	96
83) Chrysene	22.072	228	16720	3.327	ng	95
88) Benzo(b)fluoranthene	24.411	252	23089	3.888	ng	# 95
90) Benzo(a)pyrene	25.357	252	19120	3.809	ng	# 94

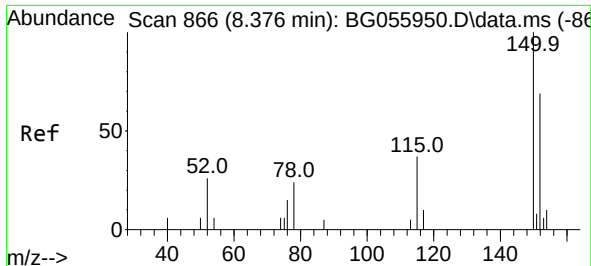
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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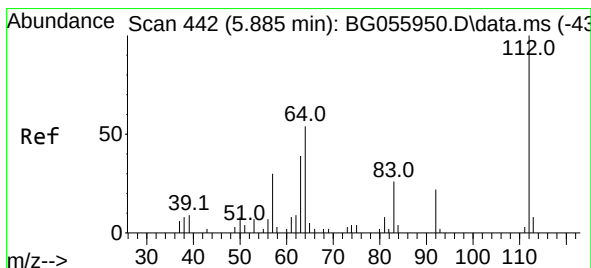
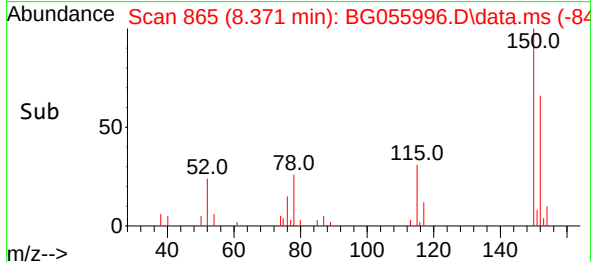
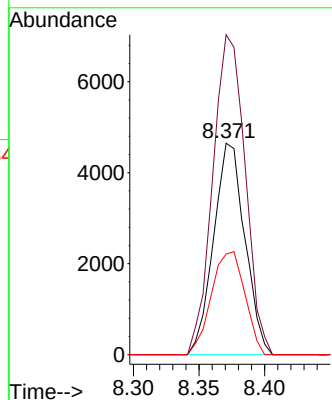
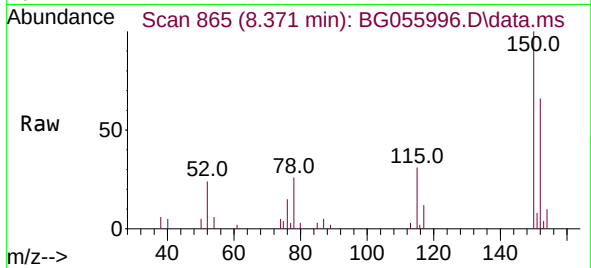




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

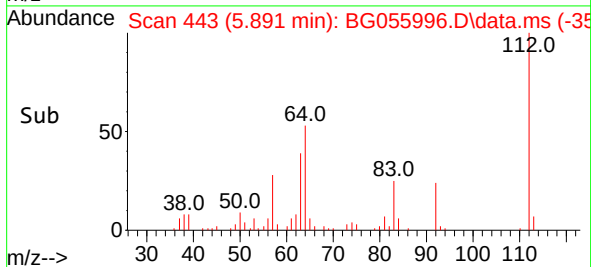
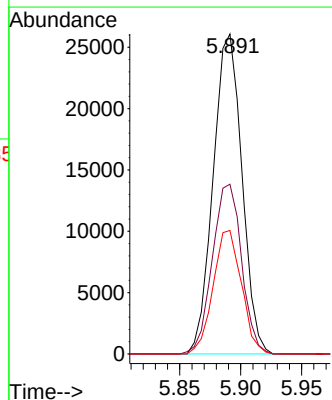
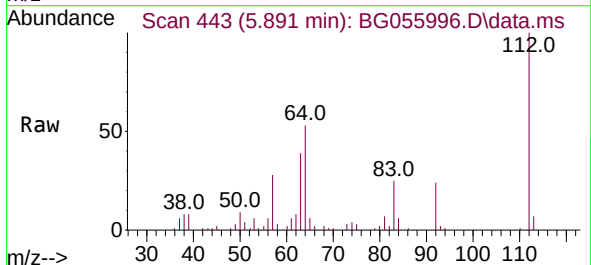
Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

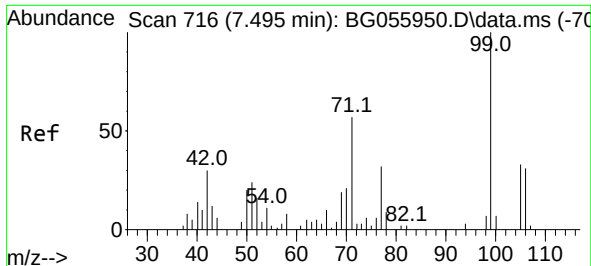
Tgt Ion:152 Resp: 7709
Ion Ratio Lower Upper
152 100
150 151.3 115.7 173.5
115 47.6 43.0 64.4



#5
2-Fluorophenol
Concen: 130.121 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:112 Resp: 42773
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 38.6 31.4 47.2

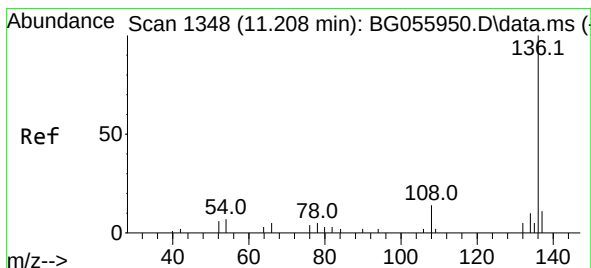
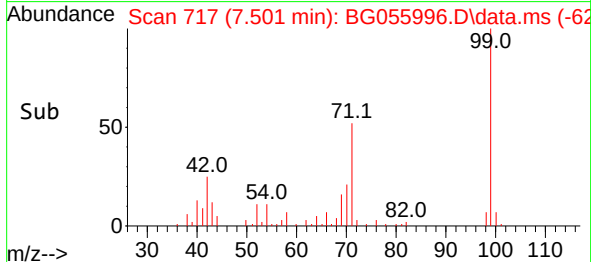
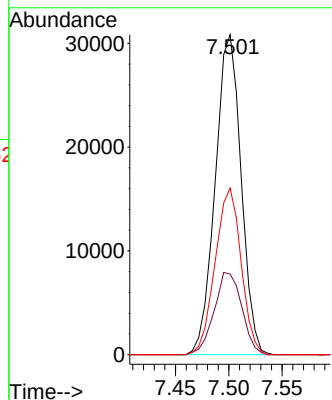
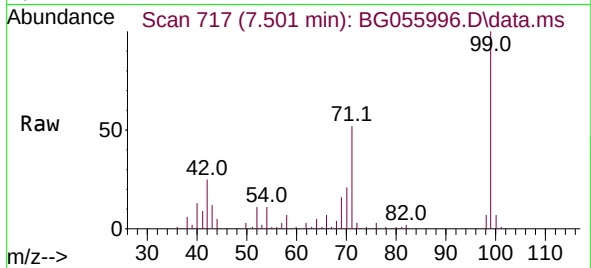




#7
Phenol-d6
Concen: 122.871 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

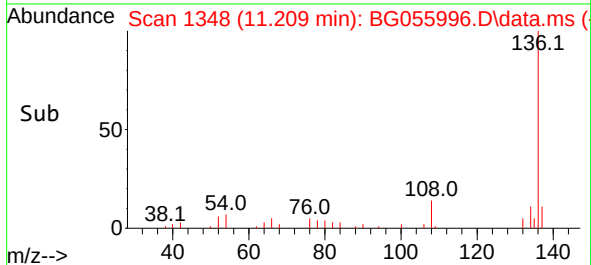
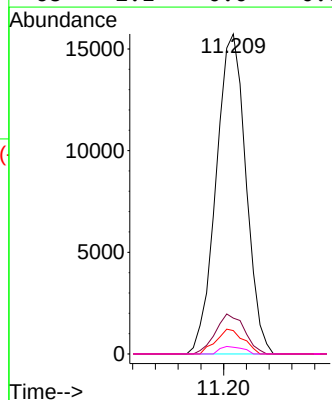
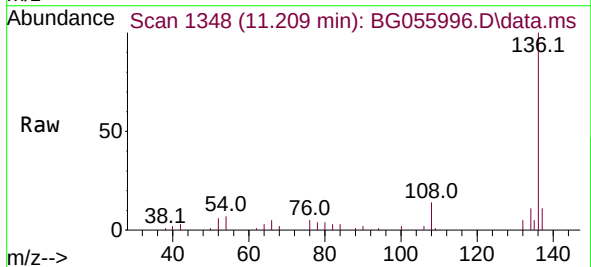
Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

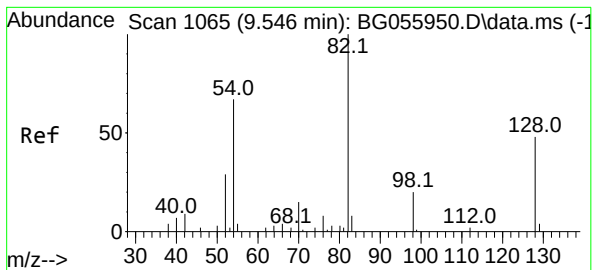
Tgt Ion: 99 Resp: 51947
Ion Ratio Lower Upper
99 100
42 25.2 24.3 36.5
71 52.1 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.209 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:136 Resp: 28550
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.3 5.6 8.4
68 2.1 0.0 0.0

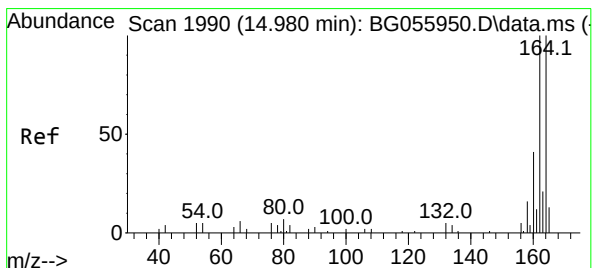
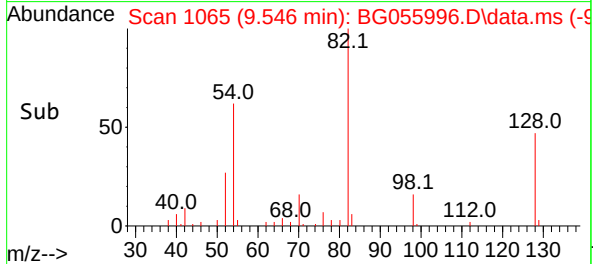
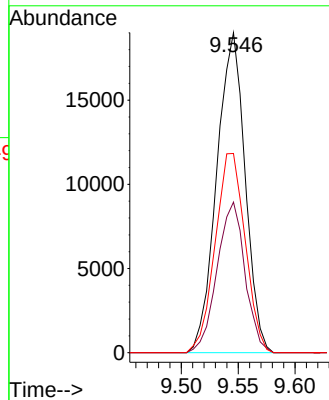
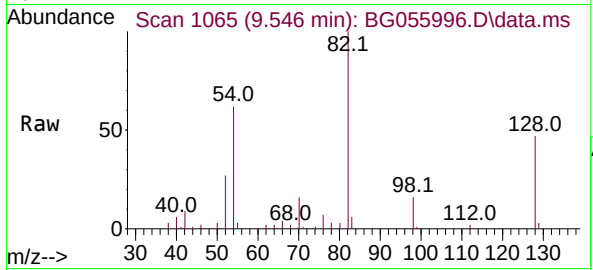




#23
Nitrobenzene-d5
Concen: 80.657 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

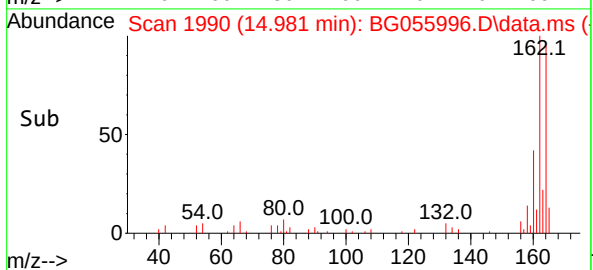
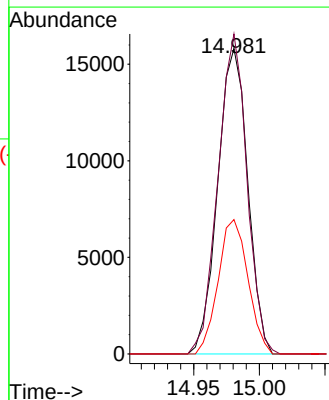
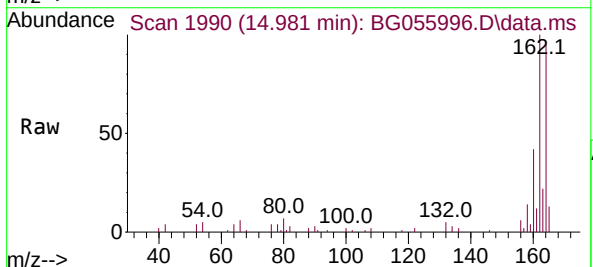
Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

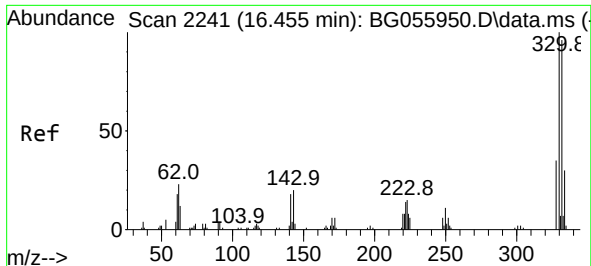
Tgt Ion:	82	Resp:	32952
Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.4	57.6
54	62.2	53.3	79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:	164	Resp:	25161
Ion	Ratio	Lower	Upper
164	100		
162	104.8	79.8	119.8
160	44.0	33.0	49.4





#42

2,4,6-Tribromophenol

Concen: 144.650 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055996.D

Acq: 16 Dec 2022 16:24

Instrument :

BNA_G

ClientSampleId :

RB-25-(7-9)

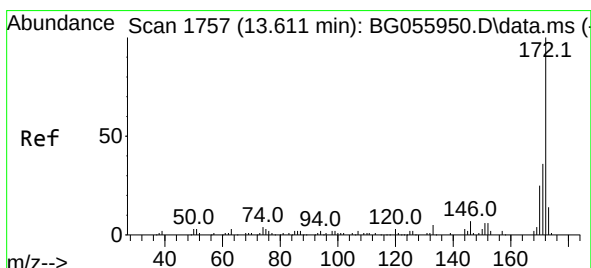
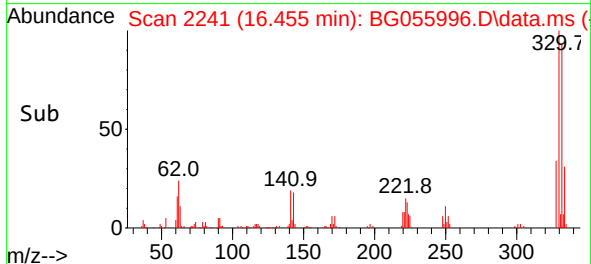
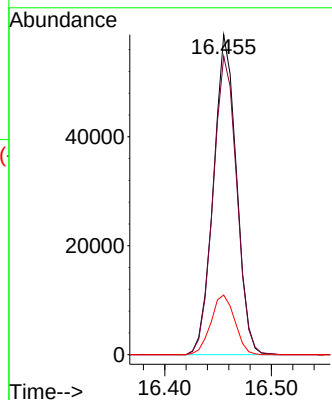
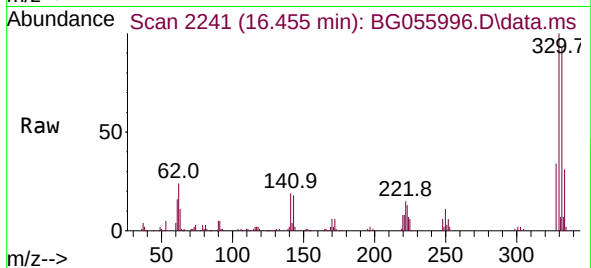
Tgt Ion:330 Resp: 87760

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

141 19.4 15.0 22.4



#45

2-Fluorobiphenyl

Concen: 72.513 ng

RT: 13.612 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BG055996.D

Acq: 16 Dec 2022 16:24

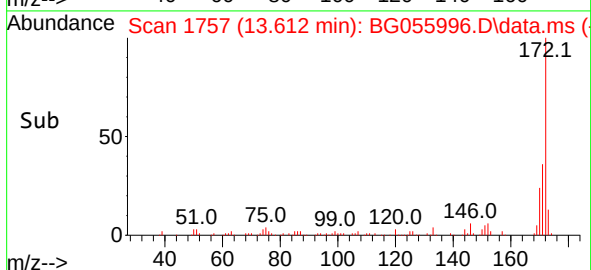
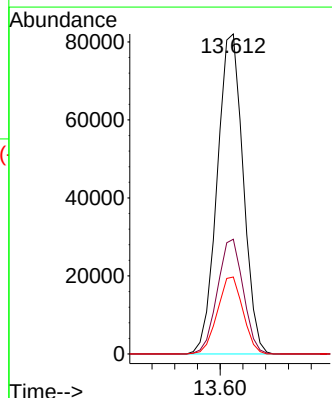
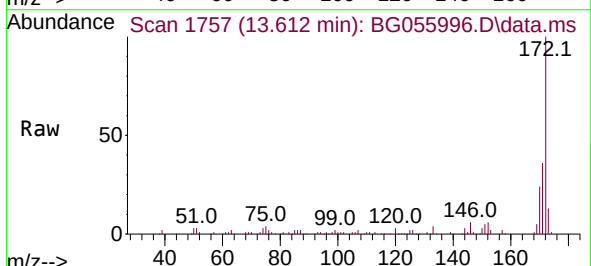
Tgt Ion:172 Resp: 130091

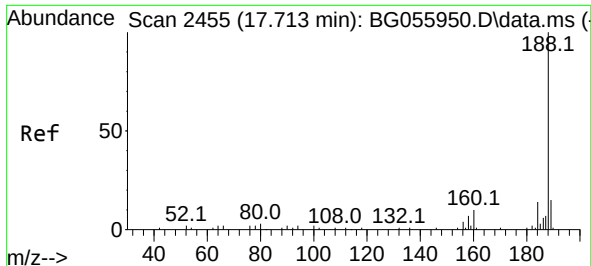
Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 24.1 19.9 29.9

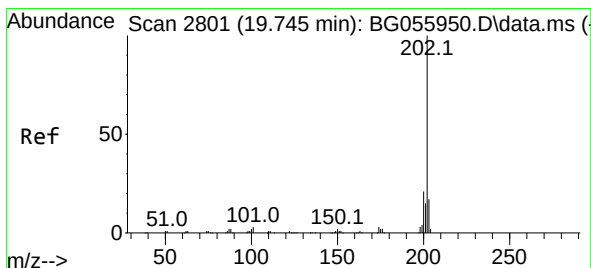
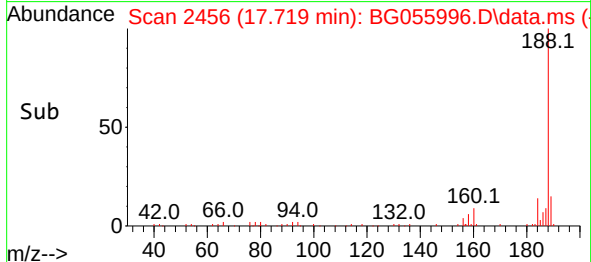
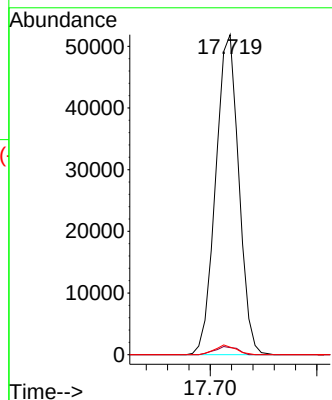
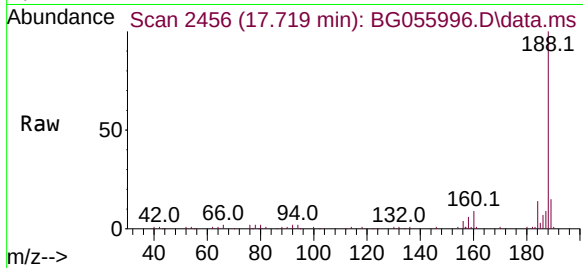




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

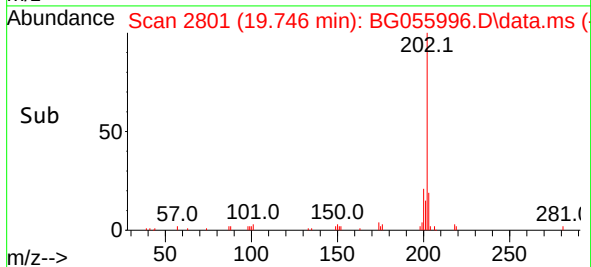
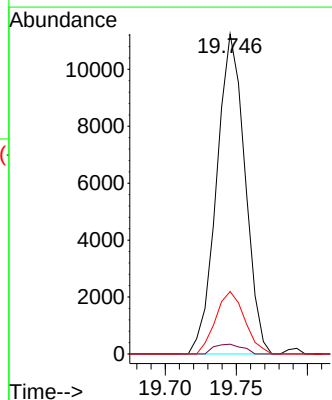
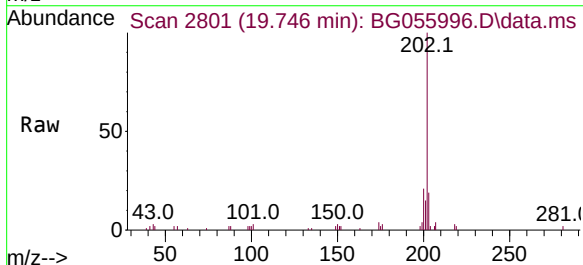
Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

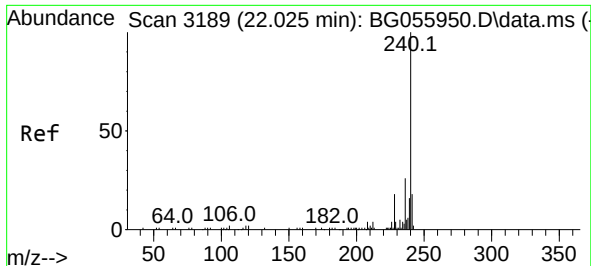
Tgt Ion:188 Resp: 77907
Ion Ratio Lower Upper
188 100
94 2.2 1.8 2.8
80 2.3 2.4 3.6#



#75
Fluoranthene
Concen: 2.721 ng
RT: 19.746 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:202 Resp: 15555
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 19.5 0.0 37.1

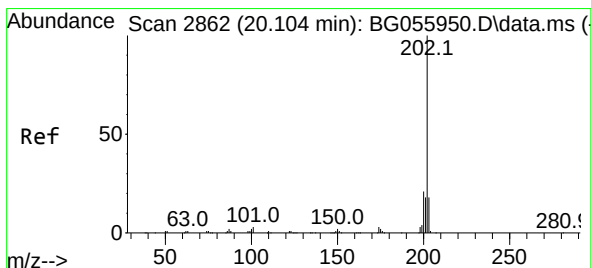
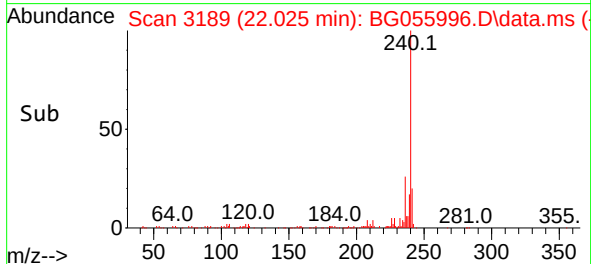
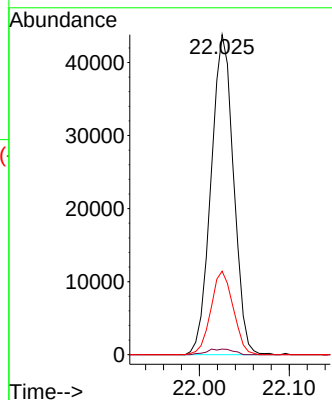
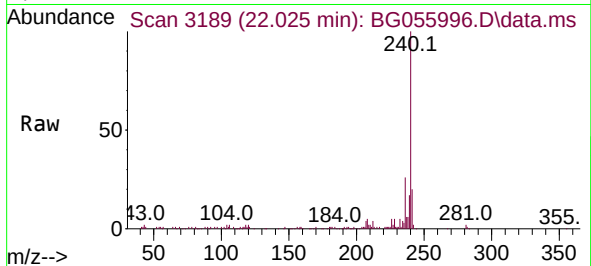




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

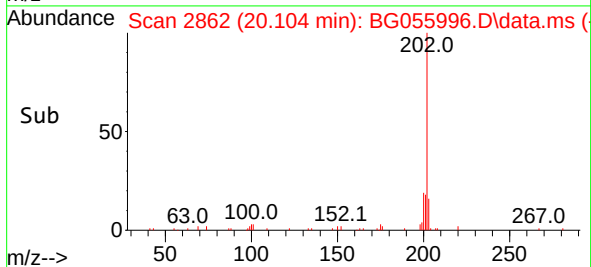
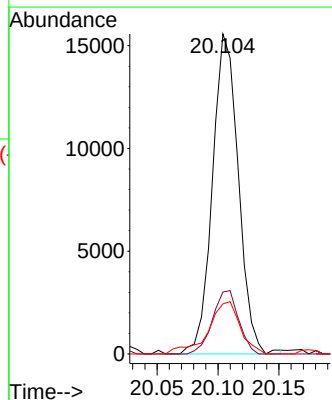
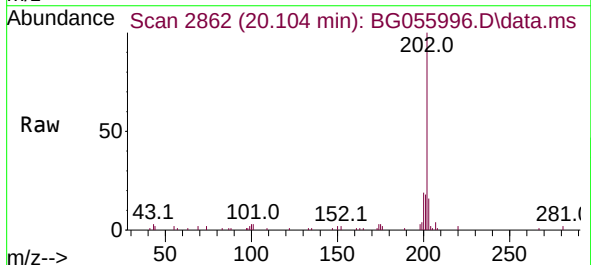
Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

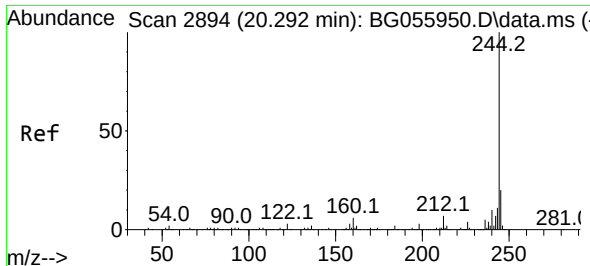
Tgt Ion:240 Resp: 76192
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 26.1 21.1 31.7



#78
Pyrene
Concen: 5.007 ng
RT: 20.104 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:202 Resp: 23085
Ion Ratio Lower Upper
202 100
200 19.4 16.7 25.1
203 15.6 14.6 21.8

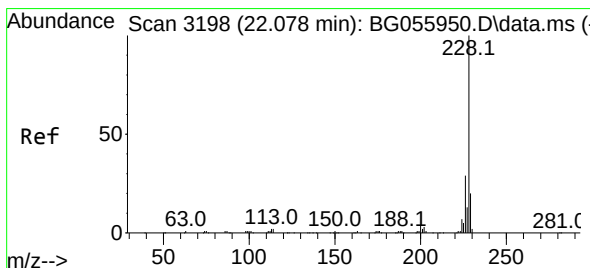
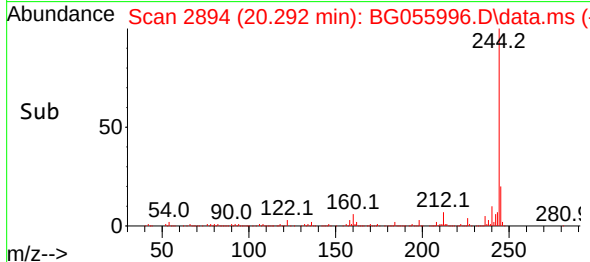
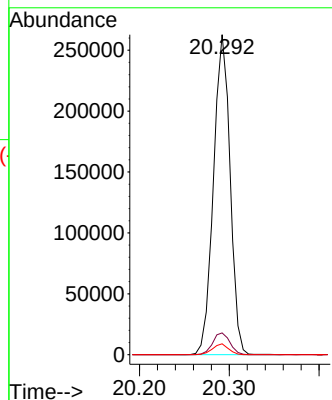
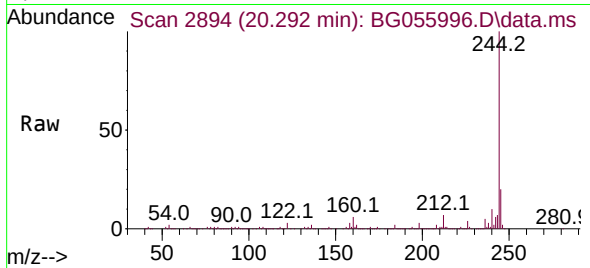




#79
 Terphenyl-d14
 Concen: 78.350 ng
 RT: 20.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055996.D
 Acq: 16 Dec 2022 16:24

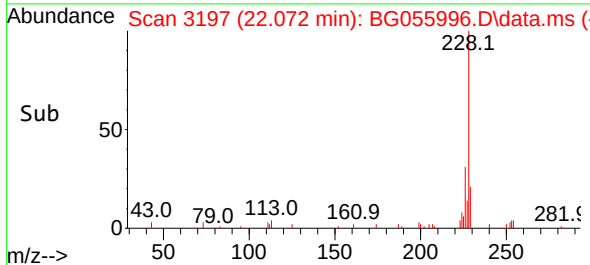
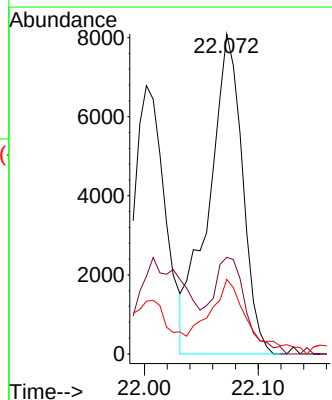
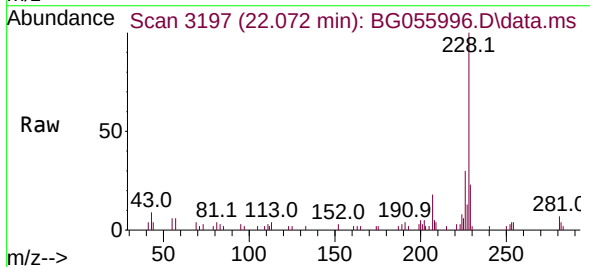
Instrument :
 BNA_G
 ClientSampleId :
 RB-25-(7-9)

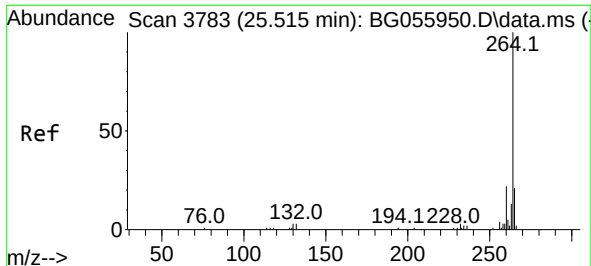
Tgt Ion:244 Resp: 337765
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 3.4 2.5 3.7



#83
 Chrysene
 Concen: 3.327 ng
 RT: 22.072 min Scan# 3197
 Delta R.T. -0.012 min
 Lab File: BG055996.D
 Acq: 16 Dec 2022 16:24

Tgt Ion:228 Resp: 16720
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.1 34.7
 229 23.3 15.7 23.5



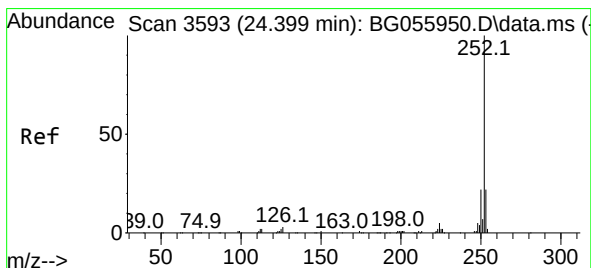
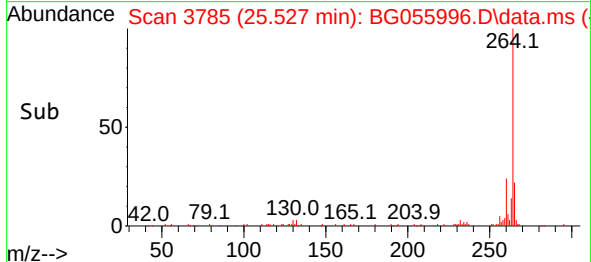
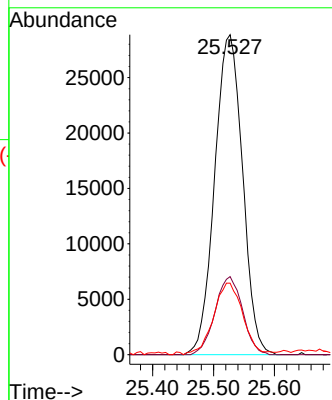
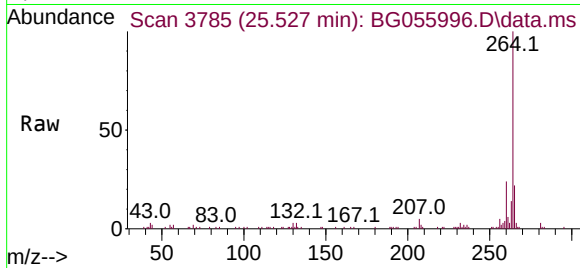


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.527 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Instrument :
BNA_G
ClientSampleId :
RB-25-(7-9)

Tgt Ion:264 Resp: 91750

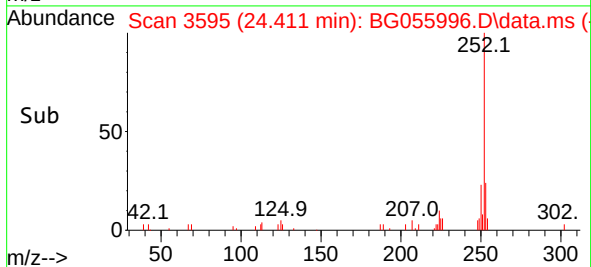
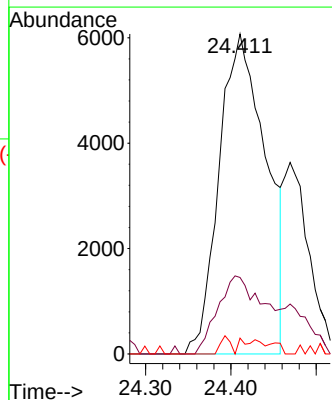
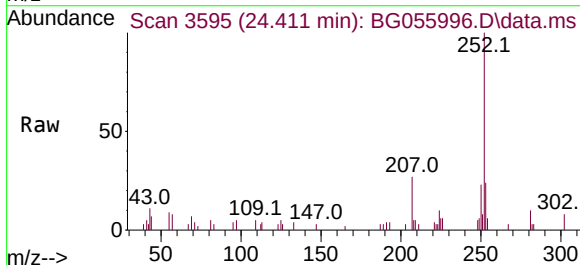
Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.8	26.8
265	22.4	16.6	25.0

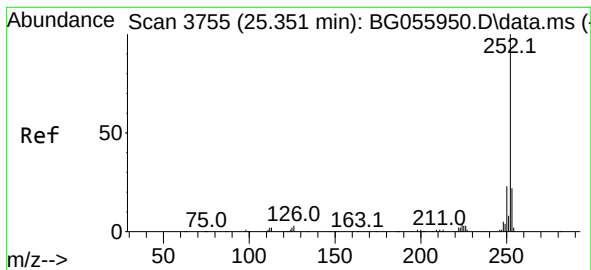


#88
Benzo(b)fluoranthene
Concen: 3.888 ng
RT: 24.411 min Scan# 3595
Delta R.T. -0.006 min
Lab File: BG055996.D
Acq: 16 Dec 2022 16:24

Tgt Ion:252 Resp: 23089

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	5.0	1.8	2.8





#90

Benzo(a)pyrene

Concen: 3.809 ng

RT: 25.357 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG055996.D

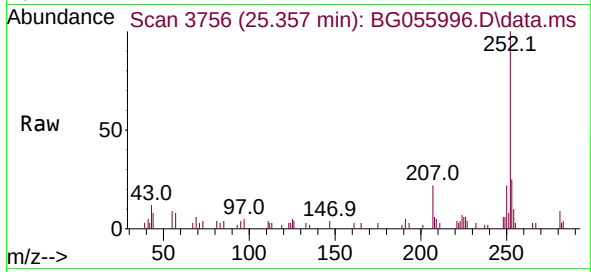
Acq: 16 Dec 2022 16:24

Instrument :

BNA_G

ClientSampleId :

RB-25-(7-9)



Tgt Ion:252 Resp: 19120

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 4.5 1.9 2.9#

