

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055481.D
 Acq On : 5 Nov 2022 22:28
 Operator : CG/JU
 Sample : N5459-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-110322

Quant Time: Nov 07 01:00:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

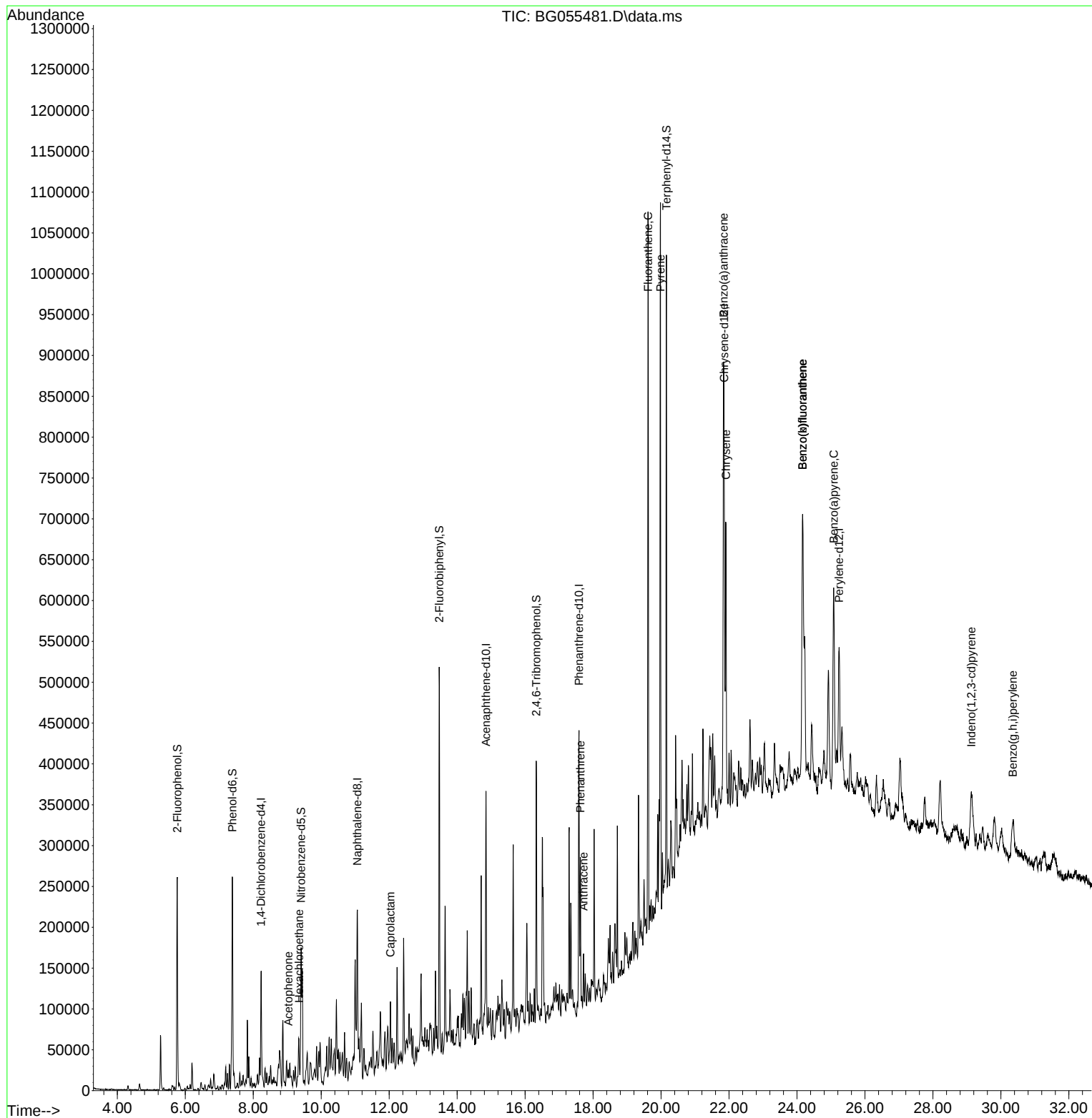
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	42824	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	170065	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	107979	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	221889	20.000	ng	0.00
76) Chrysene-d12	21.855	240	215951	20.000	ng	0.00
86) Perylene-d12	25.239	264	226878	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	131365	55.089	ng	0.01
7) Phenol-d6	7.384	99	164284	49.680	ng	0.00
23) Nitrobenzene-d5	9.405	82	98653	30.916	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	71755	48.718	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	247179	33.940	ng	0.00
79) Terphenyl-d14	20.157	244	373911	33.669	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.346	117	5603	4.910	ng	# 1
22) Acetophenone	9.035	105	12837	2.880	ng	# 58
35) Caprolactam	12.037	113	3106	2.863	ng	# 13
71) Phenanthrene	17.625	178	107622	8.623	ng	99
72) Anthracene	17.713	178	36042	2.946	ng	97
75) Fluoranthene	19.616	202	578310	38.521	ng	98
78) Pyrene	19.981	202	566732	37.201	ng	99
81) Benzo(a)anthracene	21.837	228	336815	22.721	ng	98
83) Chrysene	21.908	228	276090	19.522	ng	97
87) Indeno(1,2,3-cd)pyrene	29.129	276	154954	8.507	ng	# 91
88) Benzo(b)fluoranthene	24.164	252	419266	29.093	ng	93
89) Benzo(k)fluoranthene	24.164	252	419266	28.950	ng	94
90) Benzo(a)pyrene	25.081	252	304374	24.426	ng	96
92) Benzo(g,h,i)perylene	30.351	276	129236	8.646	ng	# 92

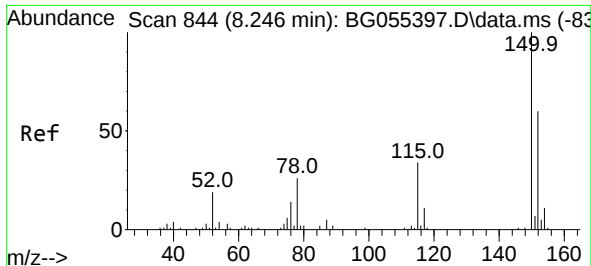
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055481.D
Acq On : 5 Nov 2022 22:28
Operator : CG/JU
Sample : N5459-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-110322

Quant Time: Nov 07 01:00:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

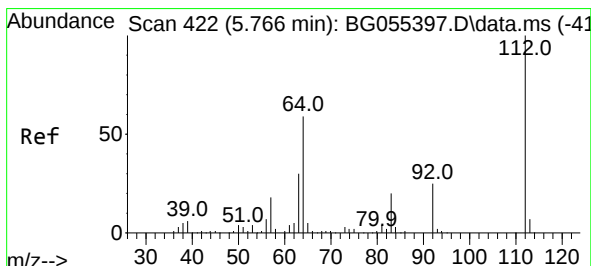
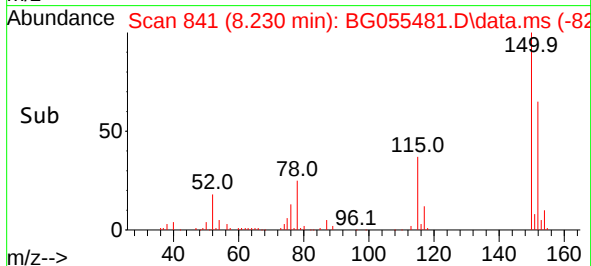
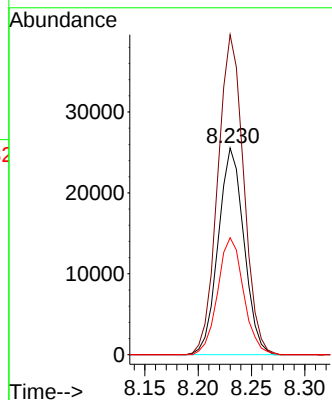
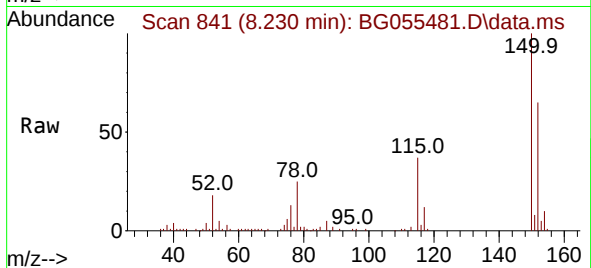




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

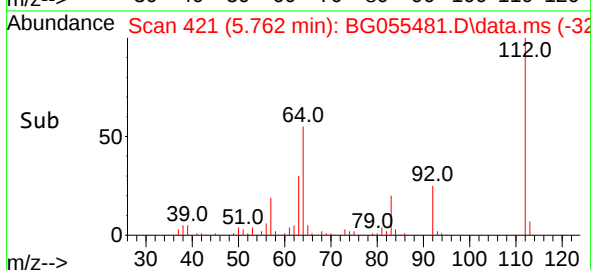
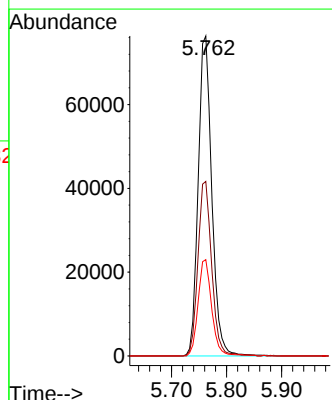
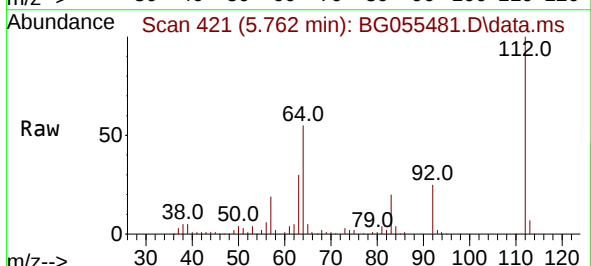
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

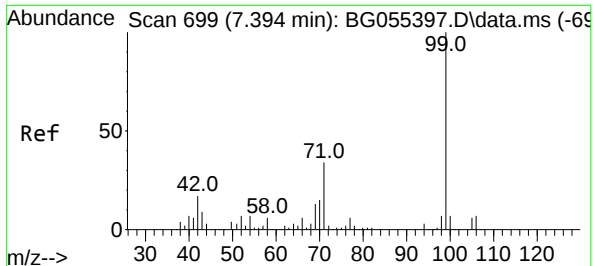
Tgt Ion:152 Resp: 42824
Ion Ratio Lower Upper
152 100
150 154.8 132.8 199.2
115 56.5 45.1 67.7



#5
2-Fluorophenol
Concen: 55.089 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.012 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:112 Resp: 131365
Ion Ratio Lower Upper
112 100
64 54.6 47.2 70.8
63 30.1 24.3 36.5

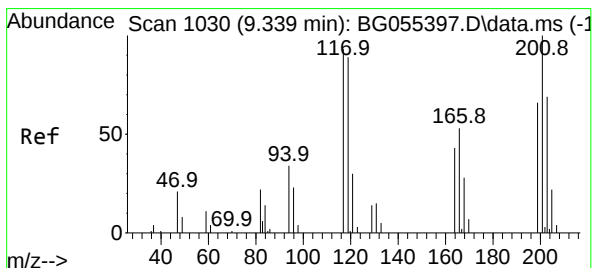
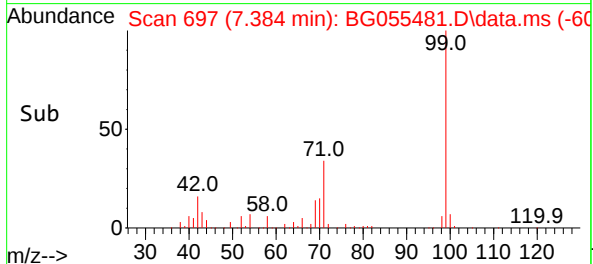
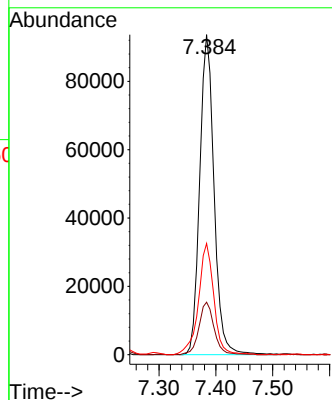
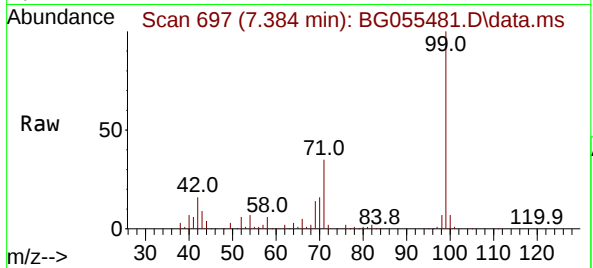




#7
Phenol-d6
Concen: 49.680 ng
RT: 7.384 min Scan# 697
Delta R.T. 0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

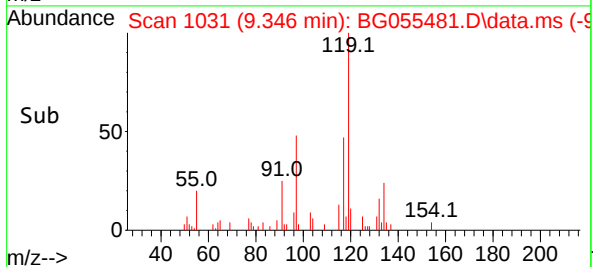
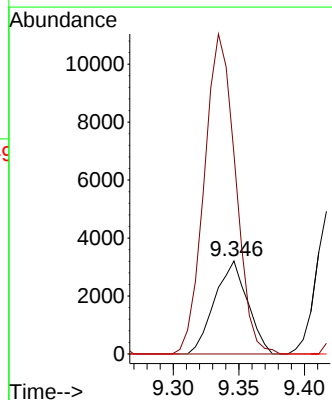
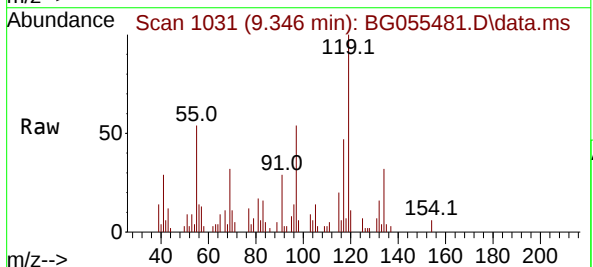
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

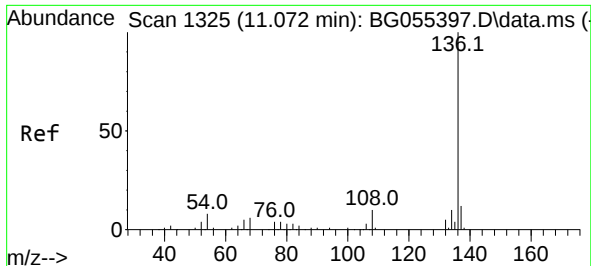
Tgt Ion: 99 Resp: 164284
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 34.7 27.4 41.0



#18
Hexachloroethane
Concen: 4.910 ng
RT: 9.346 min Scan# 1031
Delta R.T. 0.024 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion: 117 Resp: 5603
Ion Ratio Lower Upper
117 100
119 215.1 76.5 114.7#
201 0.0 86.1 129.1#

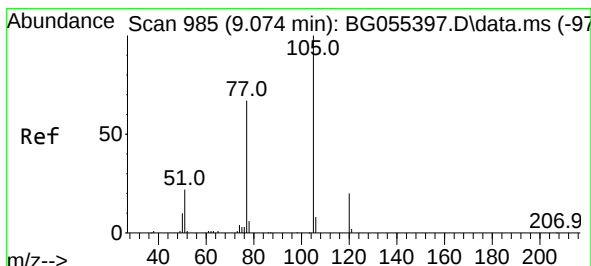
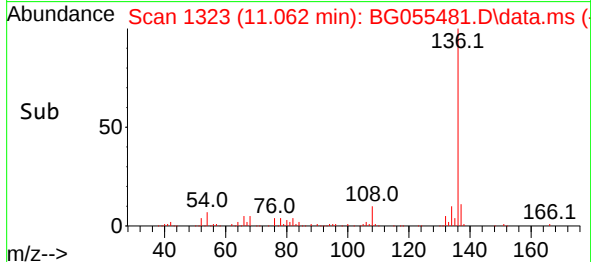
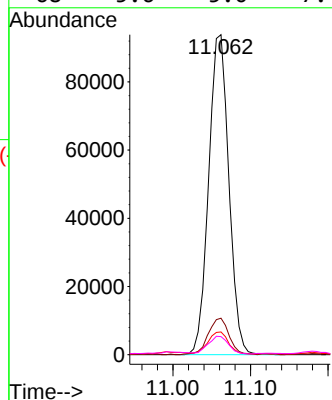
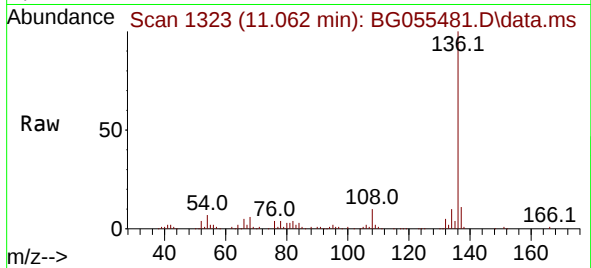




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

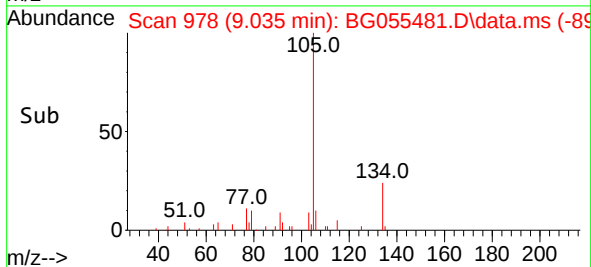
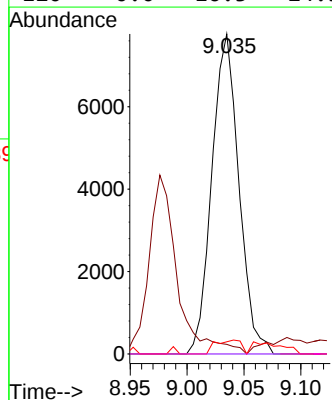
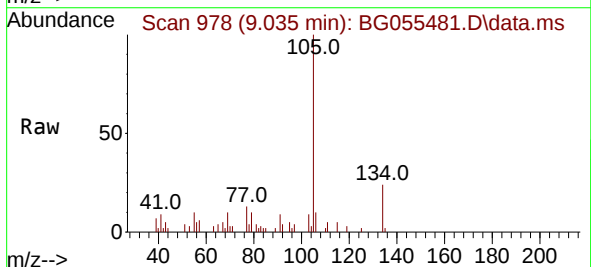
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

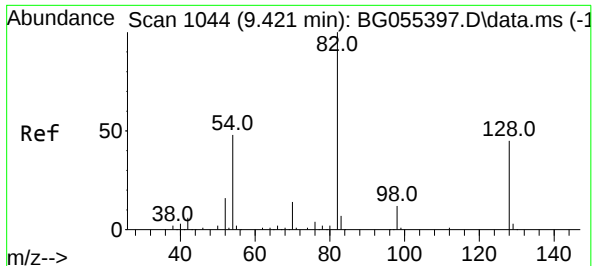
Tgt Ion:	136	Resp:	170065
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	7.1	6.1	9.1
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 2.880 ng
RT: 9.035 min Scan# 978
Delta R.T. -0.024 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:	105	Resp:	12837
Ion	Ratio	Lower	Upper
105	100		
71	3.0	0.5	0.7#
51	3.8	19.6	29.4#
120	0.0	16.3	24.5#

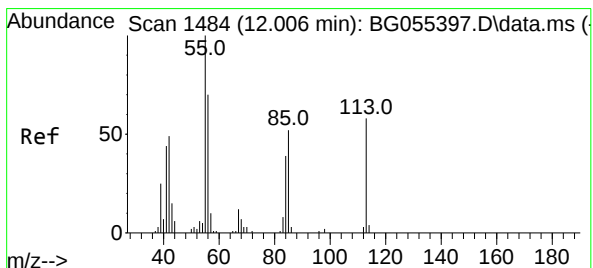
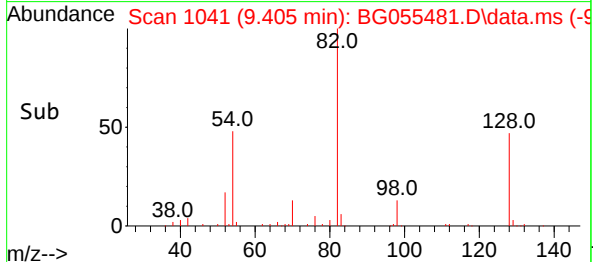
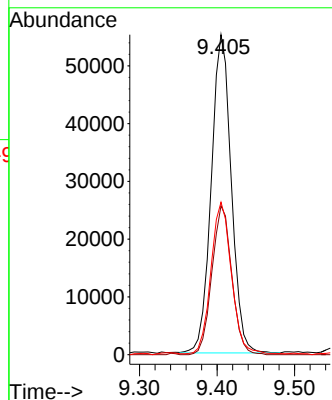
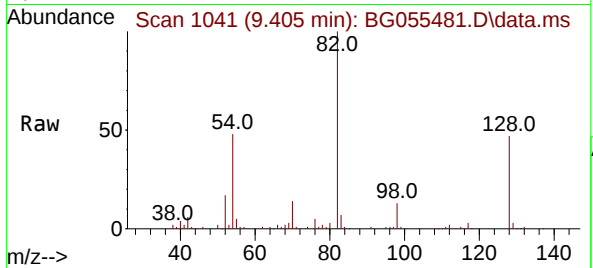




#23
Nitrobenzene-d5
Concen: 30.916 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

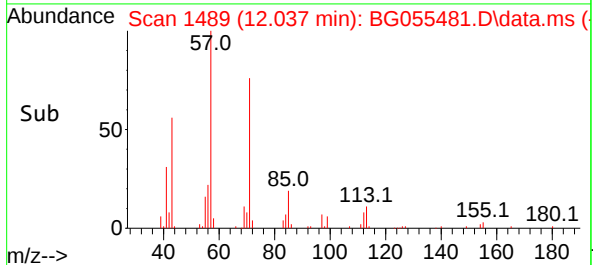
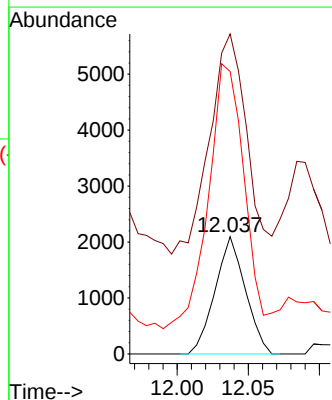
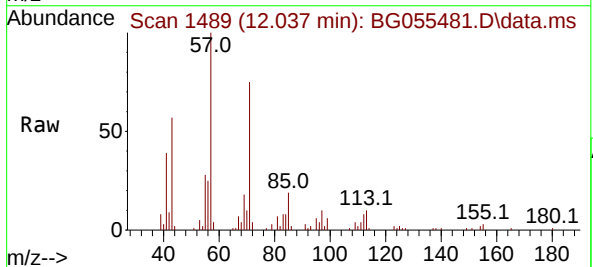
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

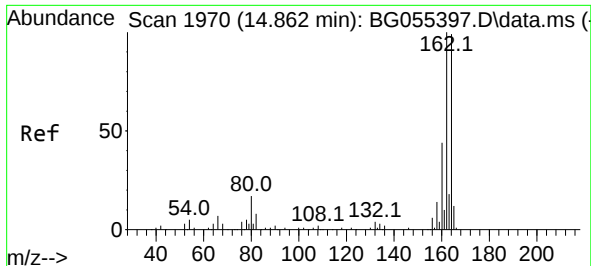
Tgt Ion: 82 Resp: 98653
Ion Ratio Lower Upper
82 100
128 46.6 35.8 53.8
54 47.6 38.1 57.1



#35
Caprolactam
Concen: 2.863 ng
RT: 12.037 min Scan# 1489
Delta R.T. 0.041 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion: 113 Resp: 3106
Ion Ratio Lower Upper
113 100
55 272.7 152.6 192.6#
56 240.7 100.5 140.5#

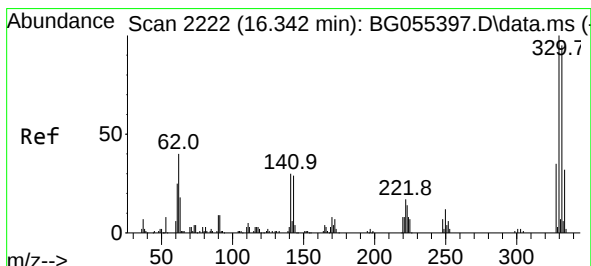
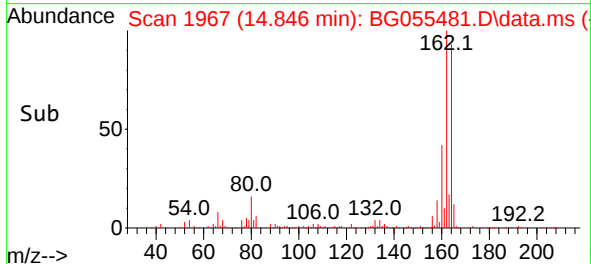
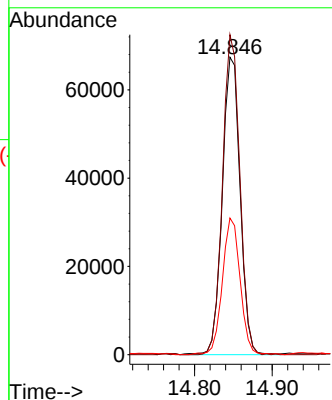
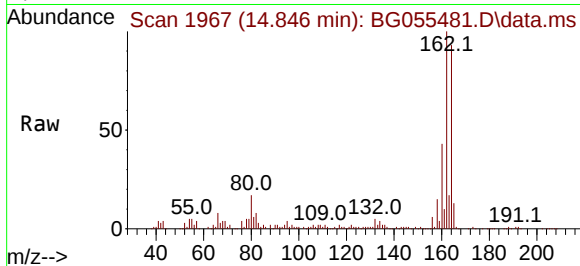




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

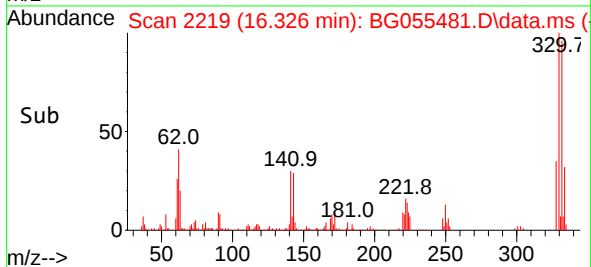
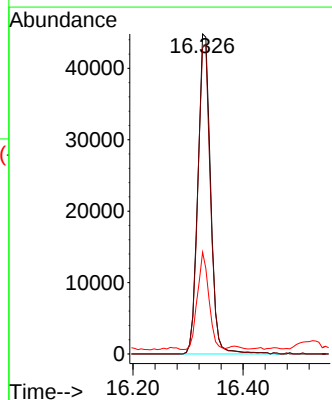
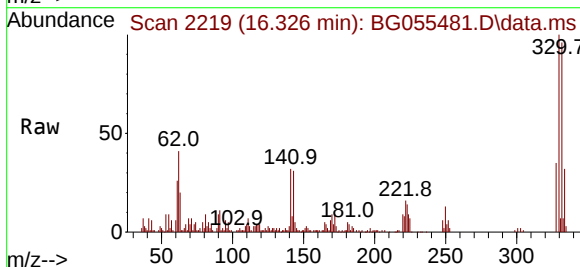
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

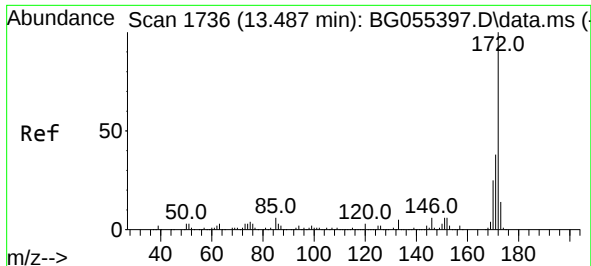
Tgt Ion:164 Resp: 107979
Ion Ratio Lower Upper
164 100
162 107.6 81.1 121.7
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 48.718 ng
RT: 16.326 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:330 Resp: 71755
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 27.5 24.2 36.2

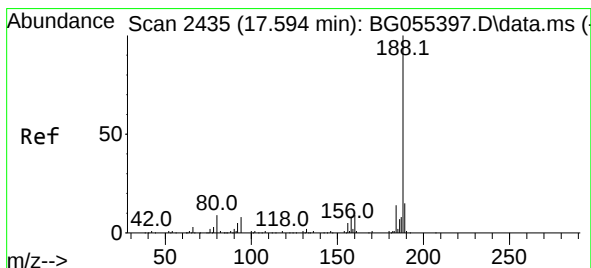
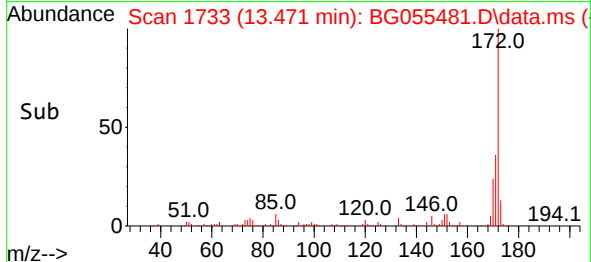
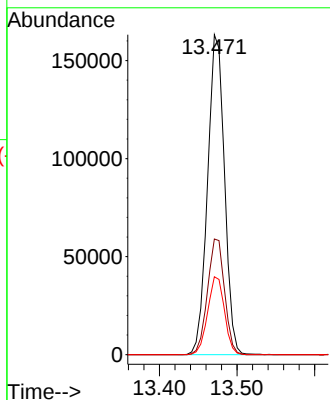
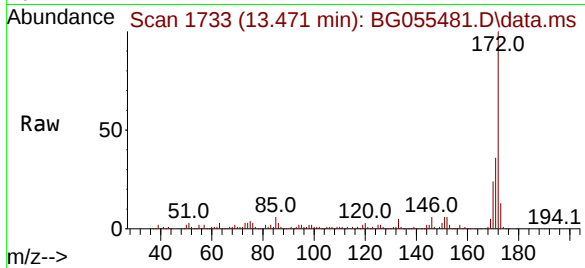




#45
2-Fluorobiphenyl
Concen: 33.940 ng
RT: 13.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

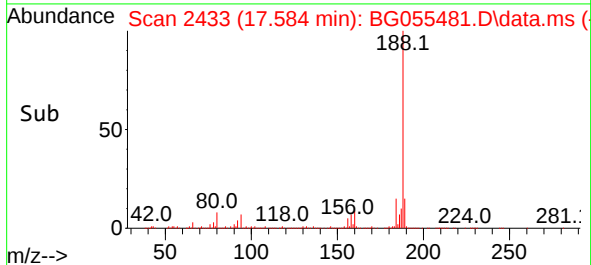
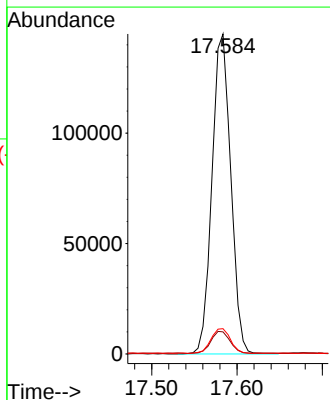
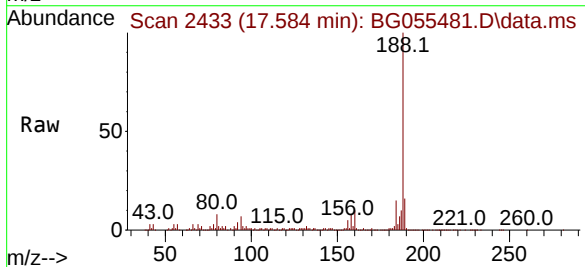
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

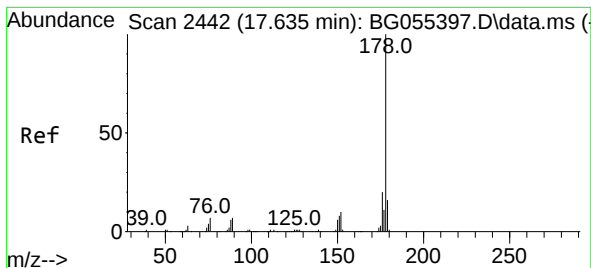
Tgt Ion:172 Resp: 247179
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.2
170 24.4 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:188 Resp: 221889
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.9 7.4 11.0





#71

Phenanthrene

Concen: 8.623 ng

RT: 17.625 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

Instrument :

BNA_G

ClientSampleId :

EO-02-110322

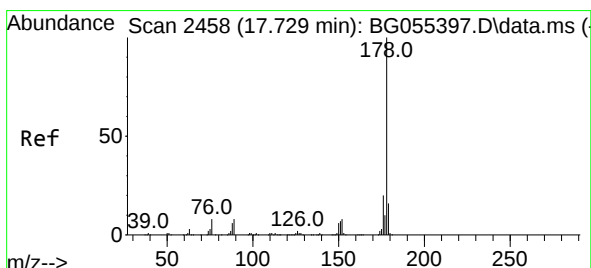
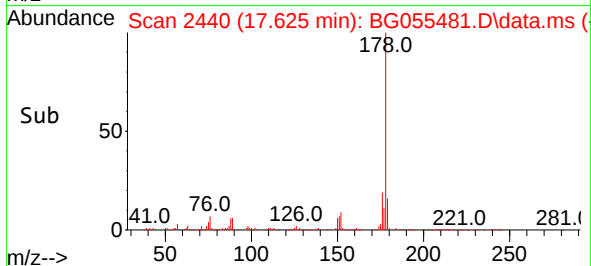
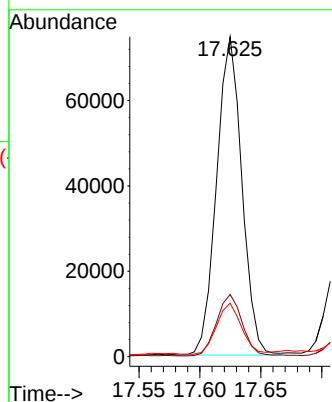
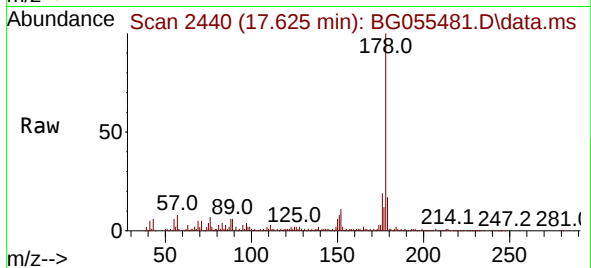
Tgt Ion:178 Resp: 107622

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 16.7 12.7 19.1



#72

Anthracene

Concen: 2.946 ng

RT: 17.713 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

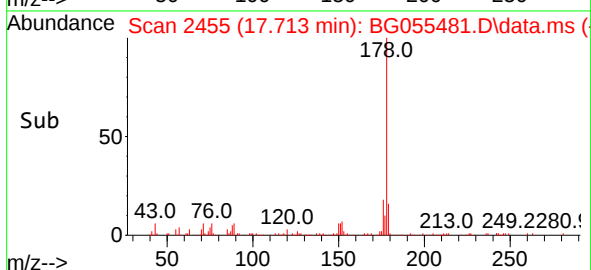
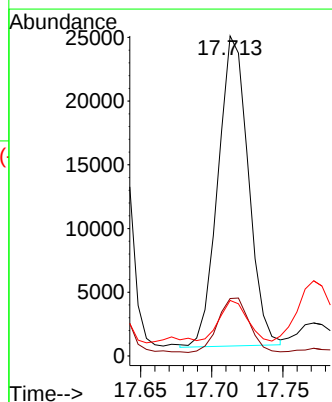
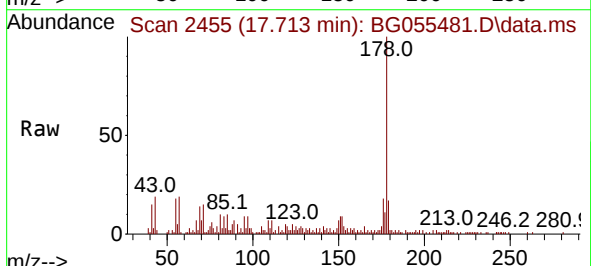
Tgt Ion:178 Resp: 36042

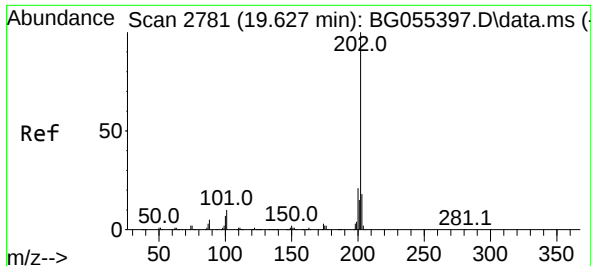
Ion Ratio Lower Upper

178 100

176 17.9 15.7 23.5

179 17.4 13.0 19.6

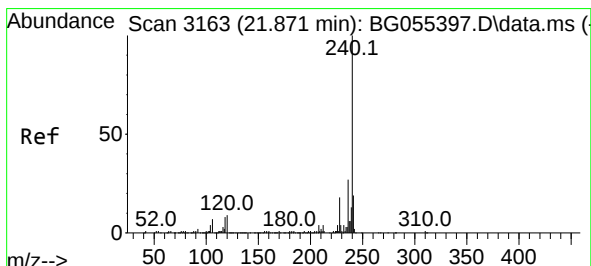
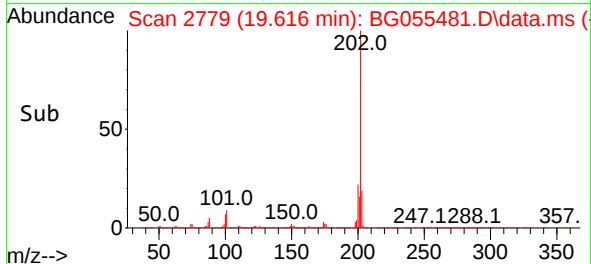
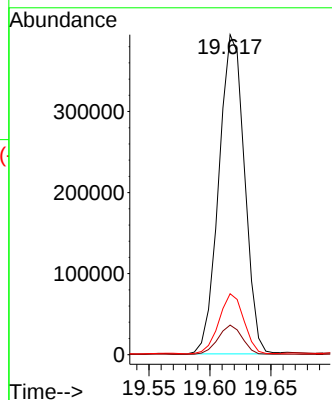
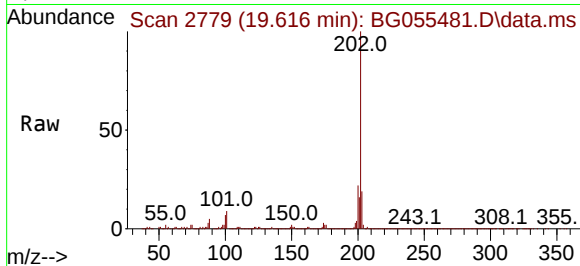




#75
Fluoranthene
Concen: 38.521 ng
RT: 19.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

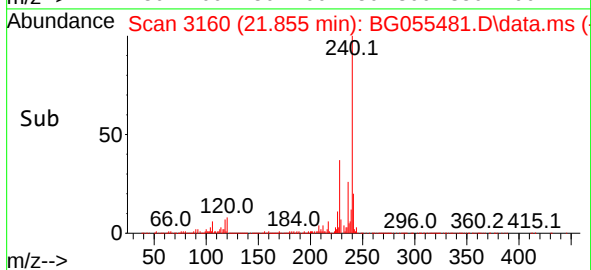
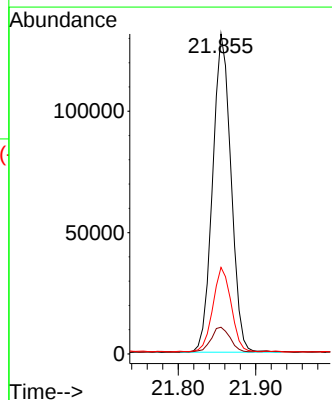
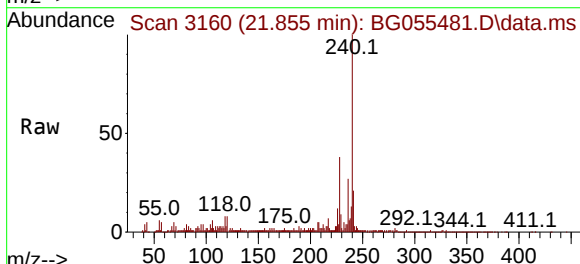
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

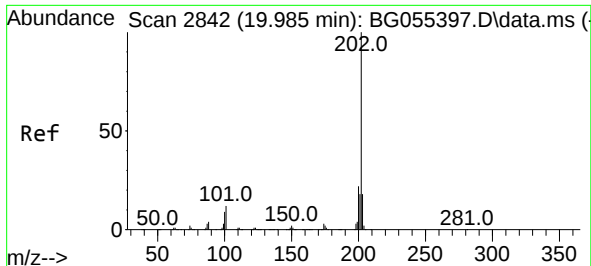
Tgt Ion:202 Resp: 578310
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.8
203 19.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:240 Resp: 215951
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 27.0 21.5 32.3

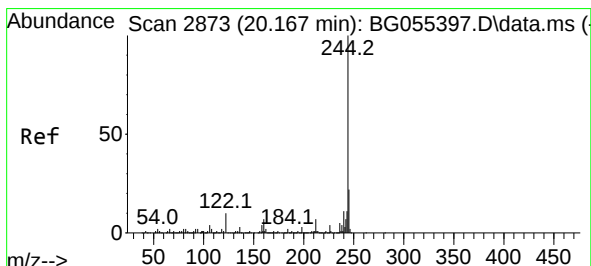
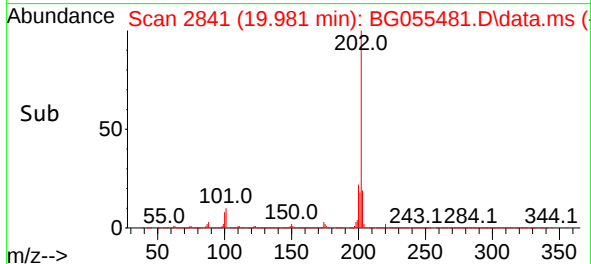
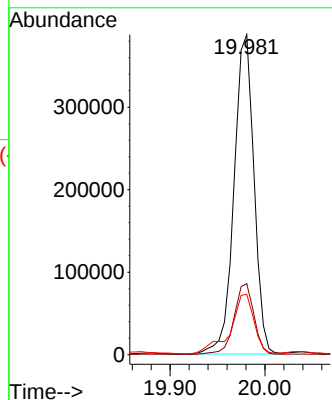
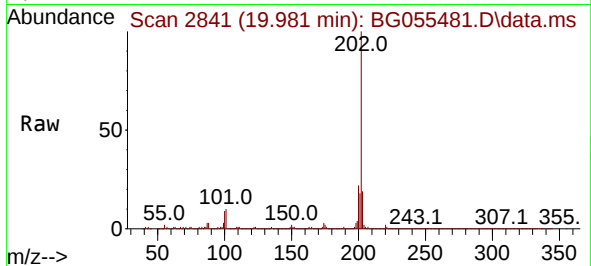




#78
Pyrene
Concen: 37.201 ng
RT: 19.981 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

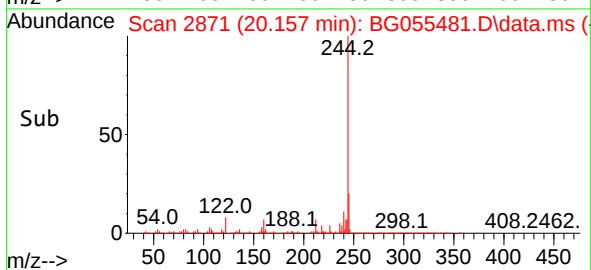
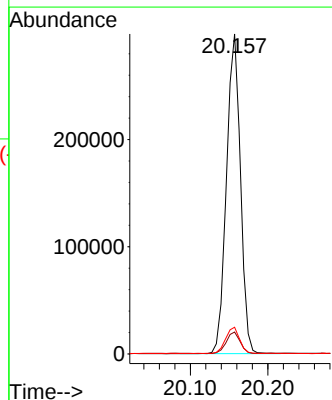
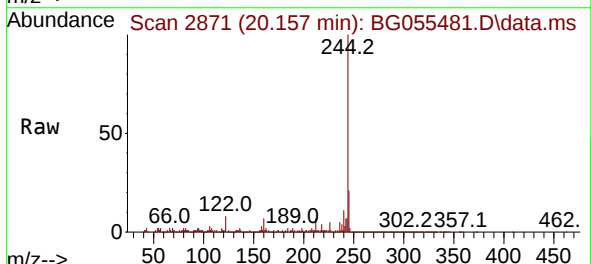
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

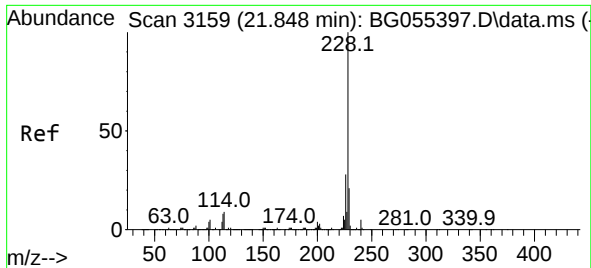
Tgt Ion:202 Resp: 566732
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.9 14.7 22.1



#79
Terphenyl-d14
Concen: 33.669 ng
RT: 20.157 min Scan# 2871
Delta R.T. 0.000 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:244 Resp: 373911
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 8.4 7.8 11.6

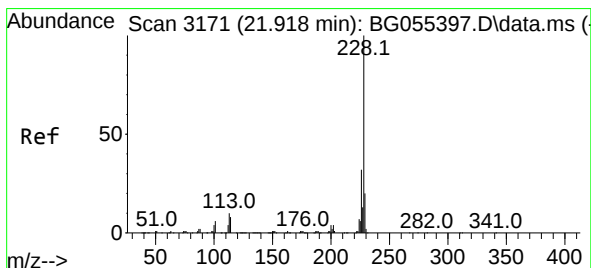
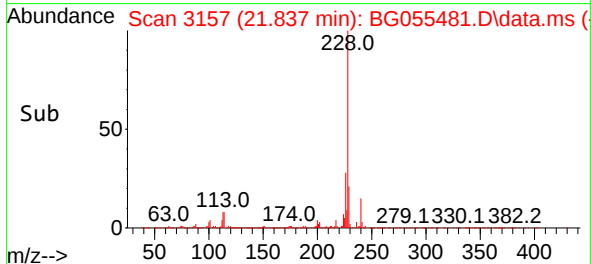
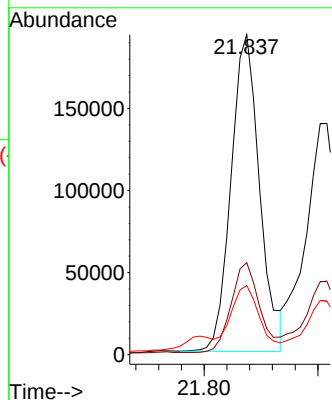
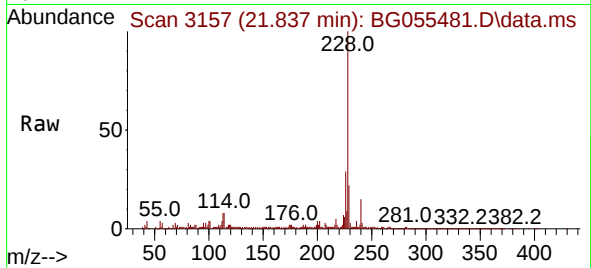




#81
Benzo(a)anthracene
Concen: 22.721 ng
RT: 21.837 min Scan# 3157
Delta R.T. 0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

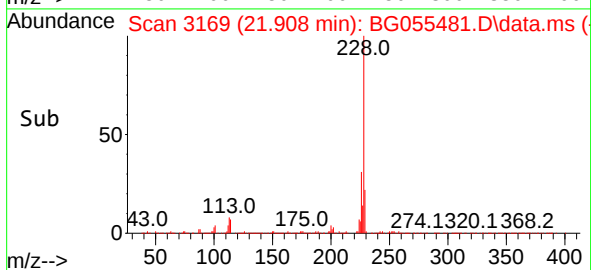
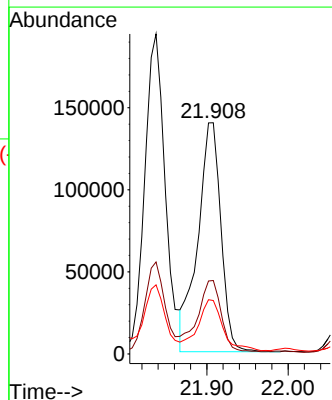
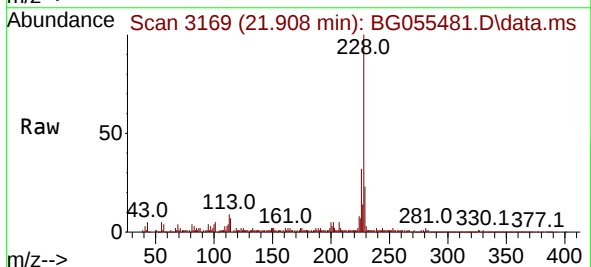
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

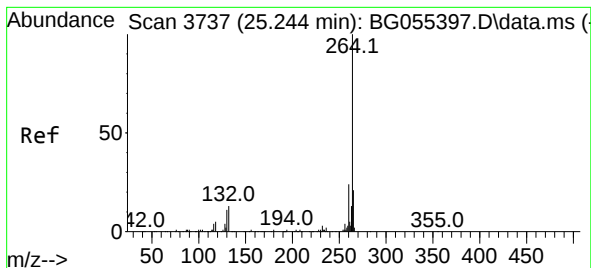
Tgt Ion:228 Resp: 336815
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 21.6 16.5 24.7



#83
Chrysene
Concen: 19.522 ng
RT: 21.908 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:228 Resp: 276090
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 23.1 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.239 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

Instrument :

BNA_G

ClientSampleId :

EO-02-110322

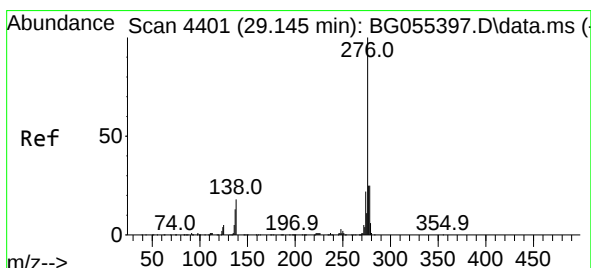
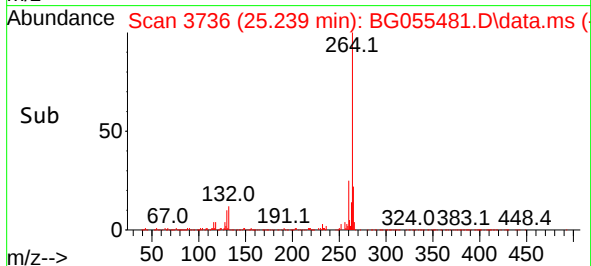
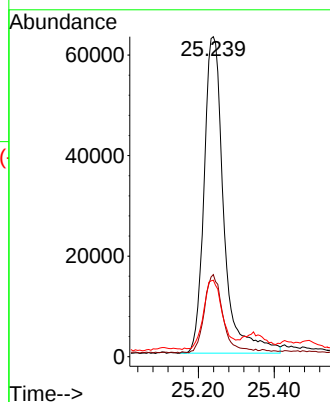
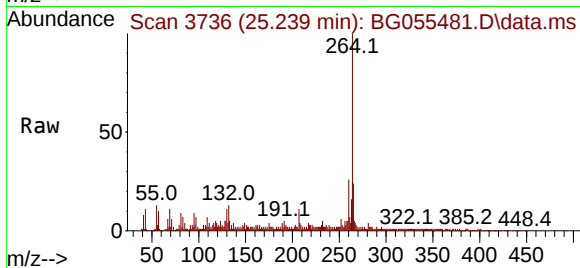
Tgt Ion:264 Resp: 226878

Ion Ratio Lower Upper

264 100

260 25.6 18.9 28.3

265 23.9 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.507 ng

RT: 29.129 min Scan# 4398

Delta R.T. 0.018 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

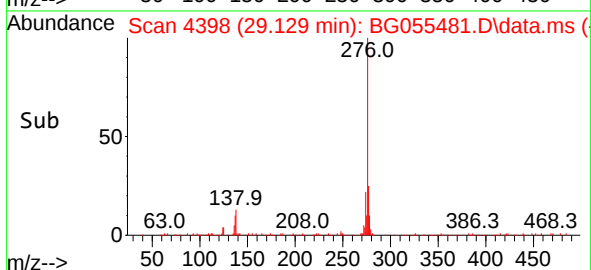
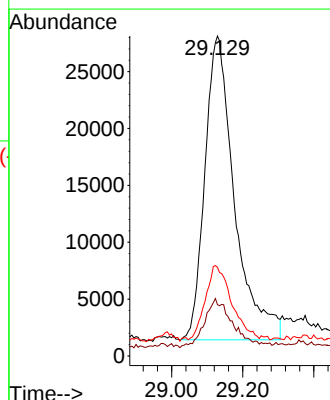
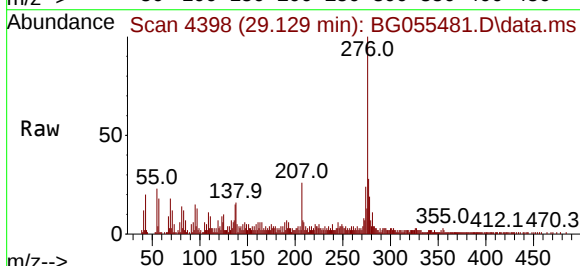
Tgt Ion:276 Resp: 154954

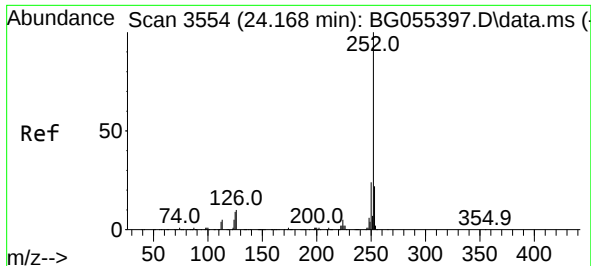
Ion Ratio Lower Upper

276 100

138 15.6 16.2 24.2#

277 21.8 20.5 30.7

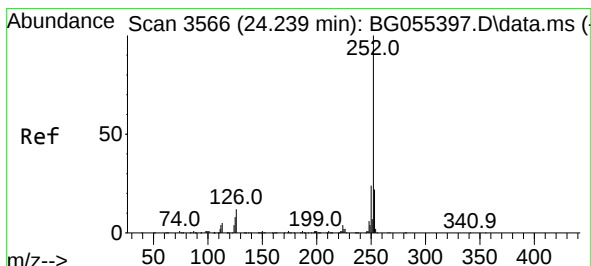
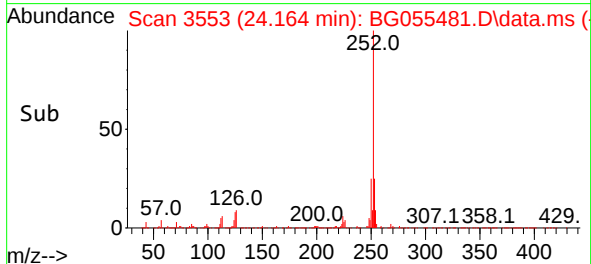
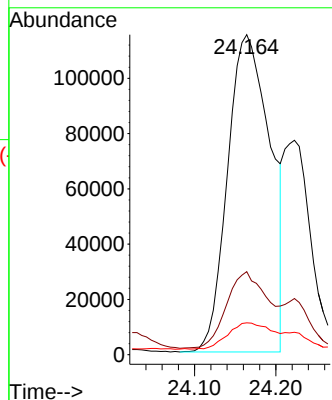
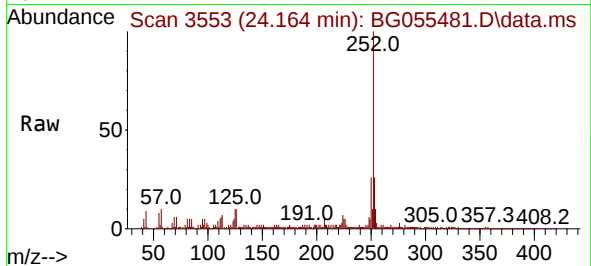




#88
Benzo(b)fluoranthene
Concen: 29.093 ng
RT: 24.164 min Scan# 3553
Delta R.T. 0.018 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

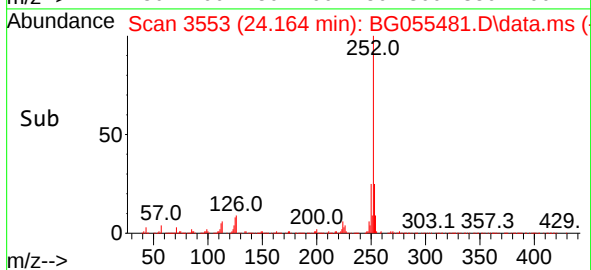
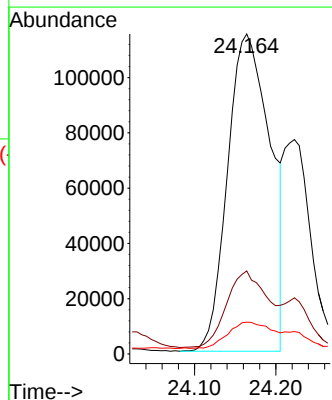
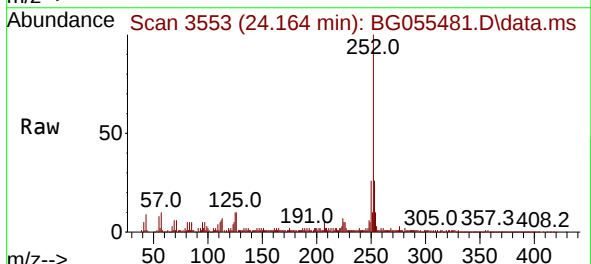
Instrument :
BNA_G
ClientSampleId :
EO-02-110322

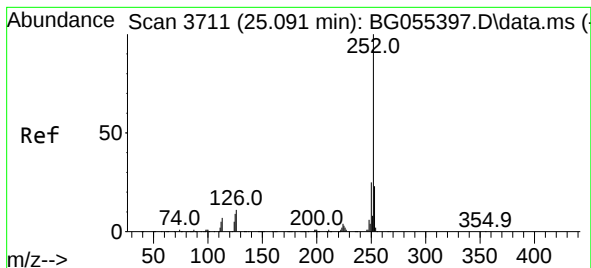
Tgt Ion:252 Resp: 419266
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 10.0 6.8 10.2



#89
Benzo(k)fluoranthene
Concen: 28.950 ng
RT: 24.164 min Scan# 3553
Delta R.T. -0.053 min
Lab File: BG055481.D
Acq: 5 Nov 2022 22:28

Tgt Ion:252 Resp: 419266
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 10.0 6.9 10.3





#90

Benzo(a)pyrene

Concen: 24.426 ng

RT: 25.081 min Scan# 3

Delta R.T. 0.018 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

Instrument :

BNA_G

ClientSampleId :

EO-02-110322

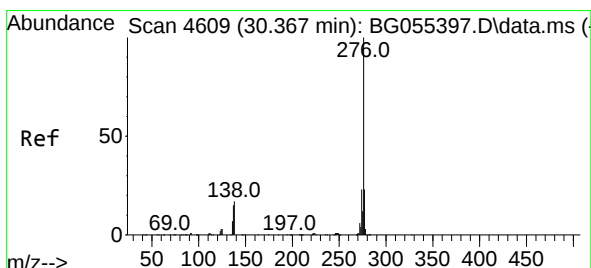
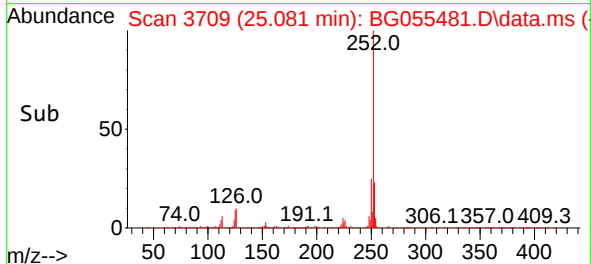
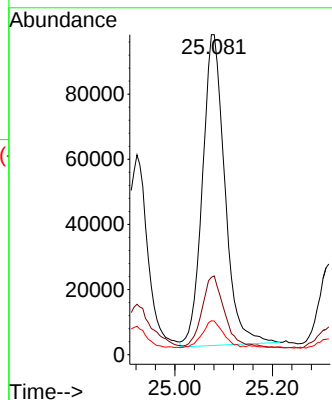
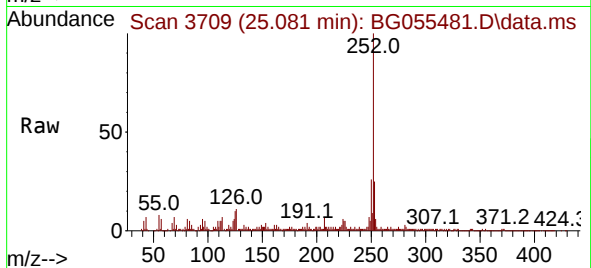
Tgt Ion:252 Resp: 304374

Ion Ratio Lower Upper

252 100

253 24.6 18.2 27.2

125 10.5 7.1 10.7



#92

Benzo(g,h,i)perylene

Concen: 8.646 ng

RT: 30.351 min Scan# 4606

Delta R.T. 0.029 min

Lab File: BG055481.D

Acq: 5 Nov 2022 22:28

Tgt Ion:276 Resp: 129236

Ion Ratio Lower Upper

276 100

277 28.1 18.6 28.0#

138 19.2 13.4 20.0

