

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055707.D
 Acq On : 19 Nov 2022 2:27
 Operator : CG/JU
 Sample : N5696-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-1-111722

Quant Time: Nov 19 03:02:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

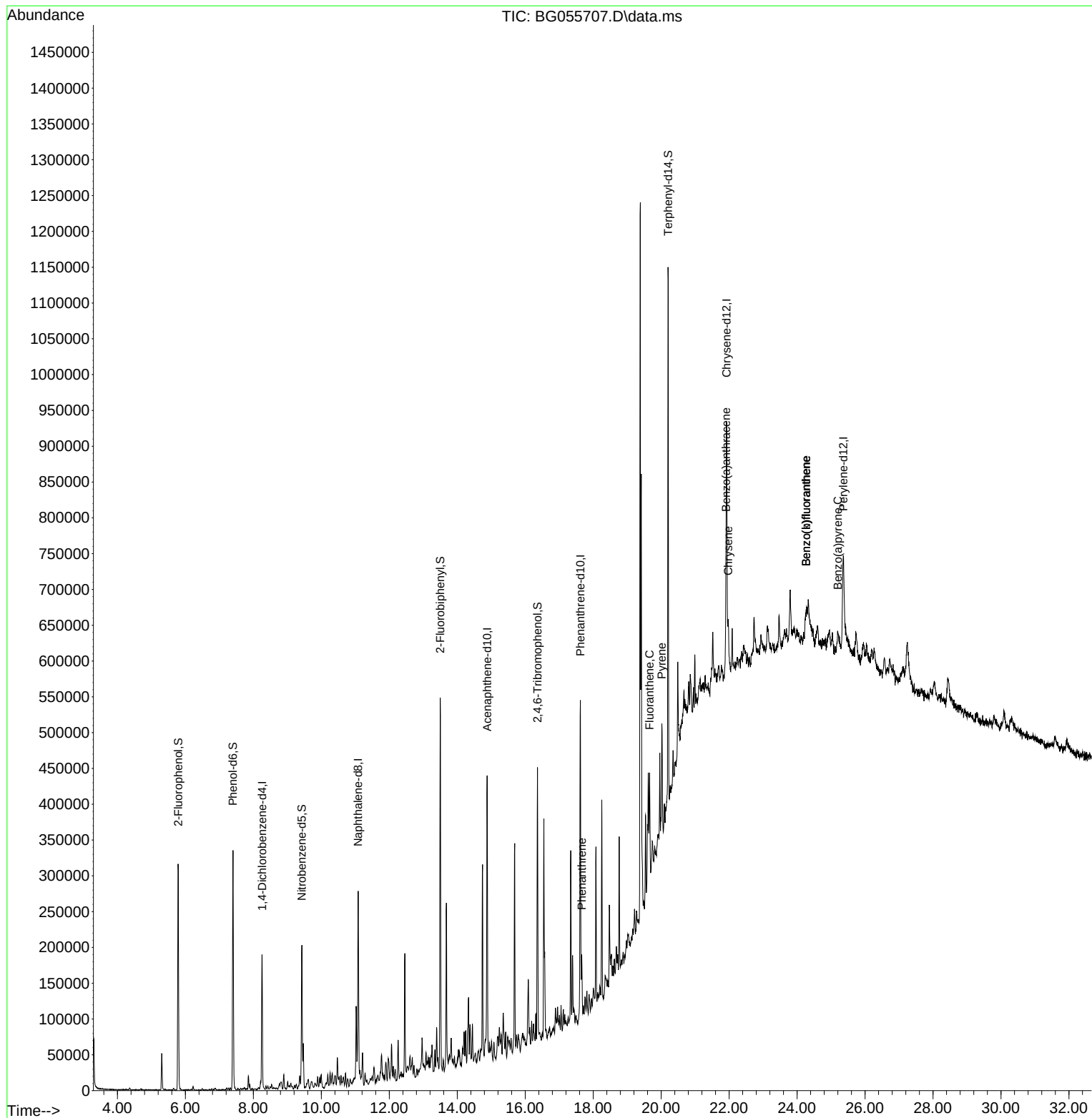
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	56608	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	225516	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	140908	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	289002	20.000	ng	0.00
76) Chrysene-d12	21.924	240	266638	20.000	ng	0.00
86) Perylene-d12	25.362	264	164177	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	146874	46.898	ng	0.01
7) Phenol-d6	7.400	99	186666	44.775	ng	0.01
23) Nitrobenzene-d5	9.427	82	119420	27.989	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	83283	41.974	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	276977	29.448	ng	0.00
79) Terphenyl-d14	20.209	244	387990	29.104	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.665	178	46930	3.009	ng	98
75) Fluoranthene	19.662	202	86570	4.563	ng	99
78) Pyrene	20.021	202	94091	5.213	ng	98
81) Benzo(a)anthracene	21.907	228	50651	2.758	ng	# 86
83) Chrysene	21.971	228	55370	3.167	ng	# 89
88) Benzo(b)fluoranthene	24.269	252	44551	4.167	ng	# 26
89) Benzo(k)fluoranthene	24.269	252	44551	4.180	ng	# 25
90) Benzo(a)pyrene	25.197	252	30035	3.273	ng	# 52

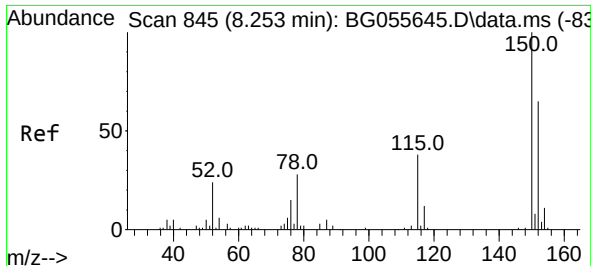
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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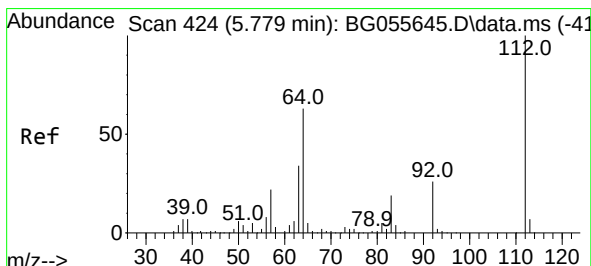
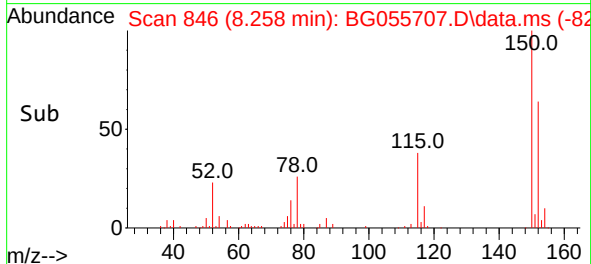
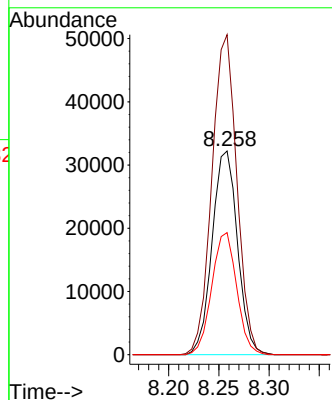
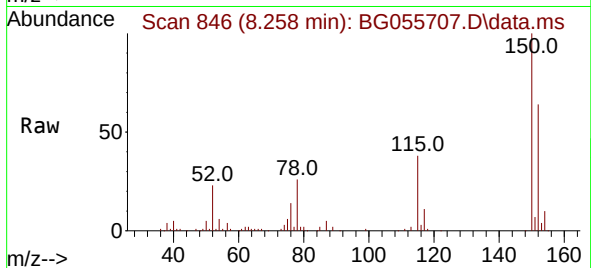




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.258 min Scan# 845
 Delta R.T. 0.005 min
 Lab File: BG055707.D
 Acq: 19 Nov 2022 2:27

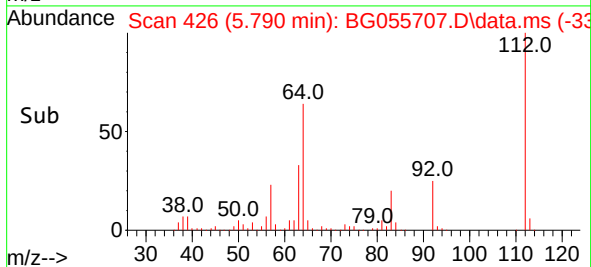
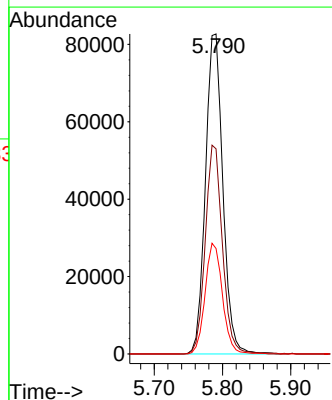
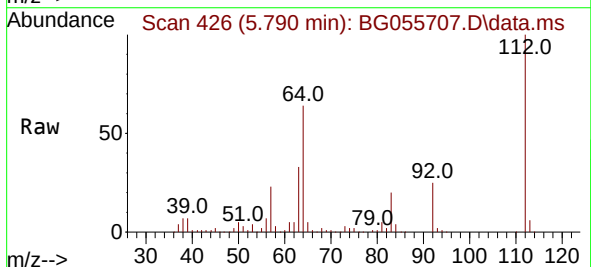
Instrument :
 BNA_G
 ClientSampleId :
 EO-1-111722

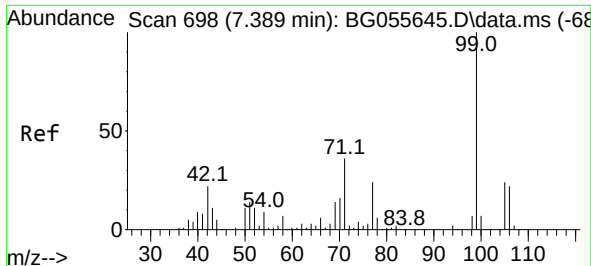
Tgt Ion:152 Resp: 56608
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.0 184.6
 115 59.9 47.0 70.4



#5
 2-Fluorophenol
 Concen: 46.898 ng
 RT: 5.790 min Scan# 426
 Delta R.T. 0.011 min
 Lab File: BG055707.D
 Acq: 19 Nov 2022 2:27

Tgt Ion:112 Resp: 146874
 Ion Ratio Lower Upper
 112 100
 64 64.1 50.6 76.0
 63 33.0 27.5 41.3

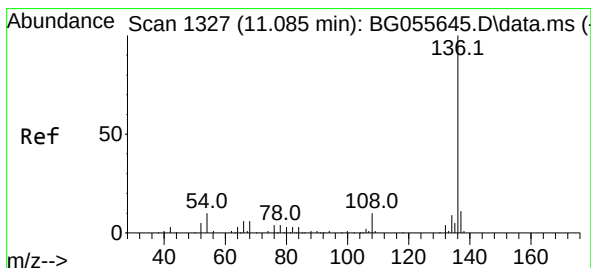
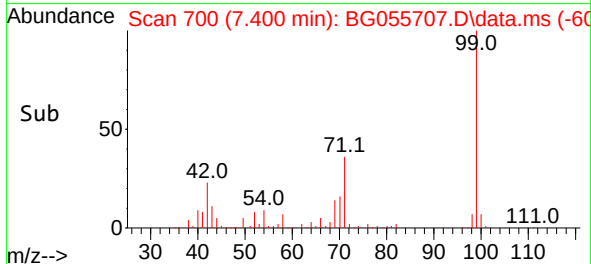
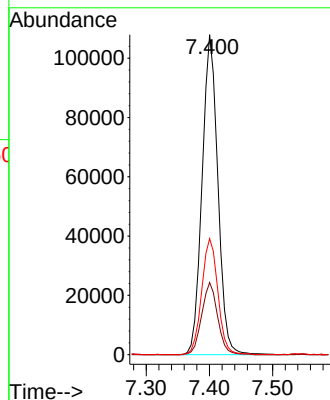
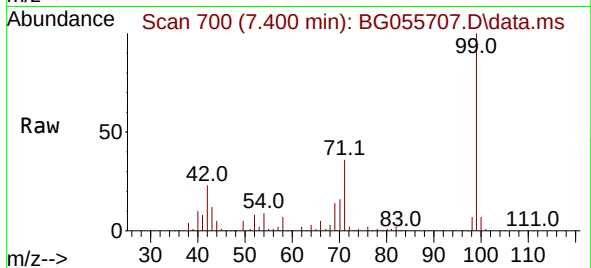




#7
Phenol-d6
Concen: 44.775 ng
RT: 7.400 min Scan# 700
Delta R.T. 0.011 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

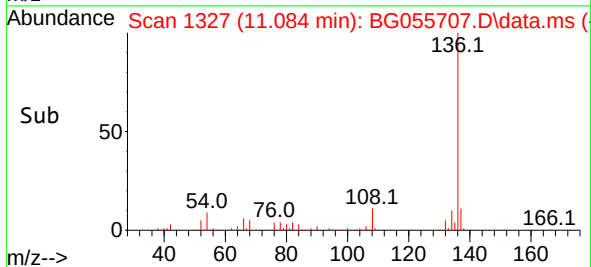
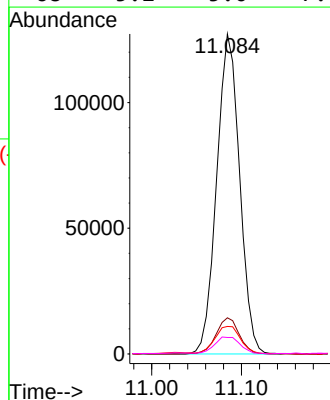
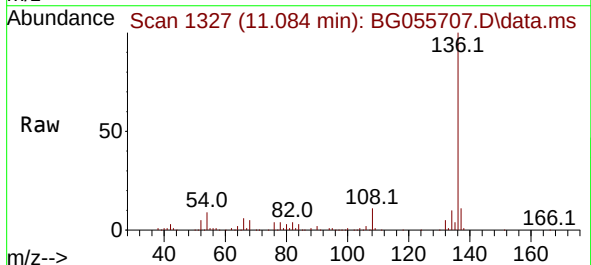
Instrument :
BNA_G
ClientSampleId :
EO-1-111722

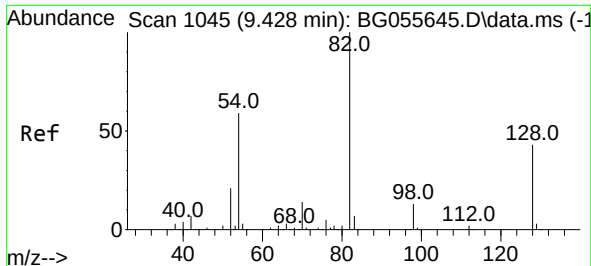
Tgt Ion: 99 Resp: 186666
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 36.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion: 136 Resp: 225516
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.6 7.8 11.6
68 5.2 5.0 7.4





#23
Nitrobenzene-d5
Concen: 27.989 ng
RT: 9.427 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

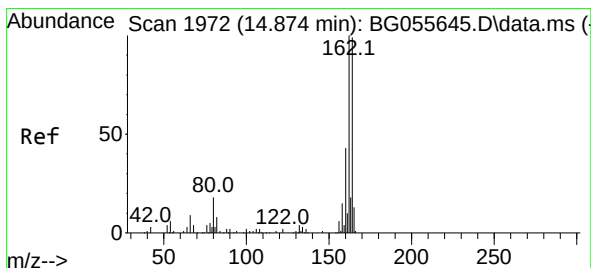
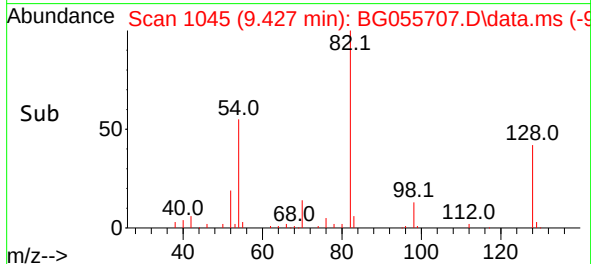
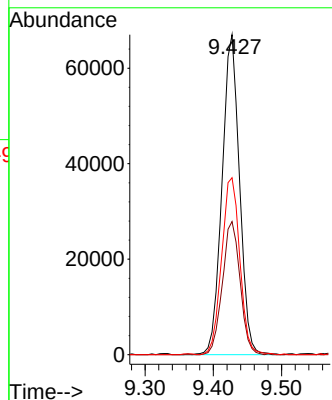
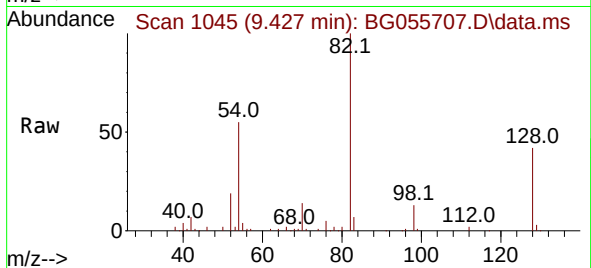
Instrument :

BNA_G

ClientSampleId :

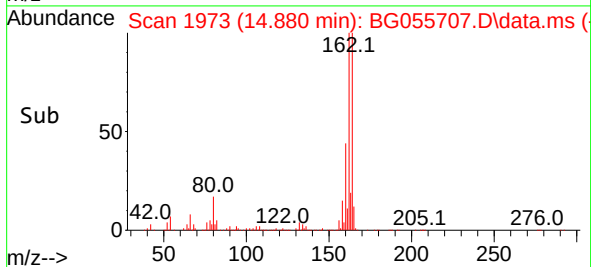
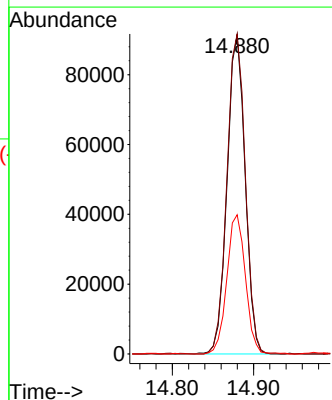
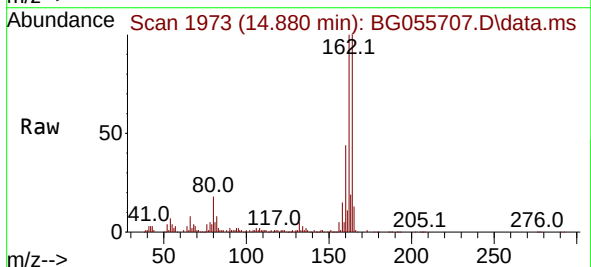
EO-1-111722

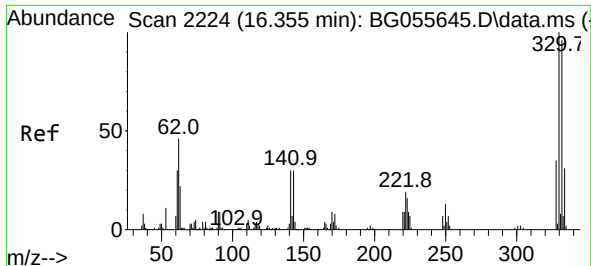
Tgt Ion: 82 Resp: 119420
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 55.3 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion:164 Resp: 140908
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 43.7 34.8 52.2

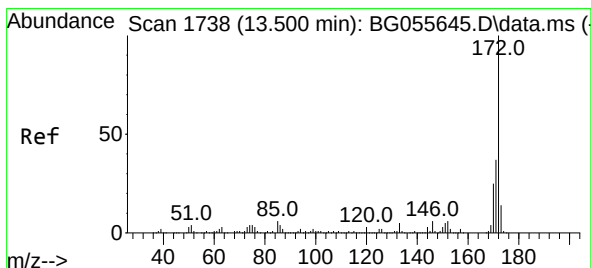
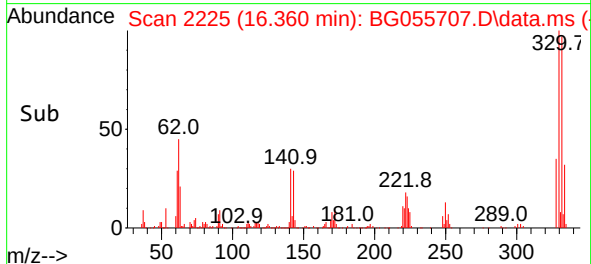
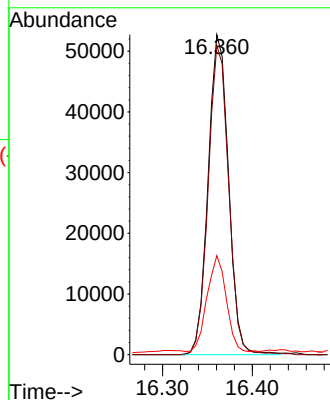
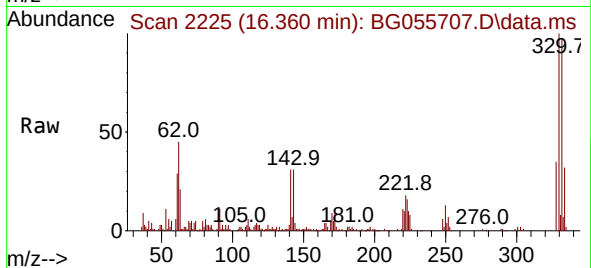




#42
2,4,6-Tribromophenol
Concen: 41.974 ng
RT: 16.360 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

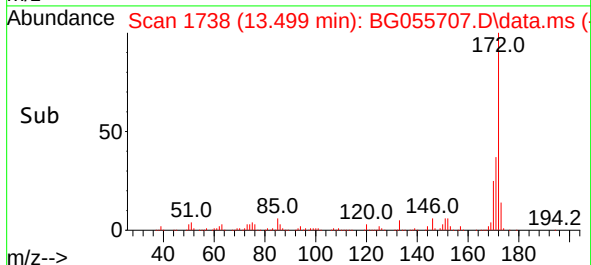
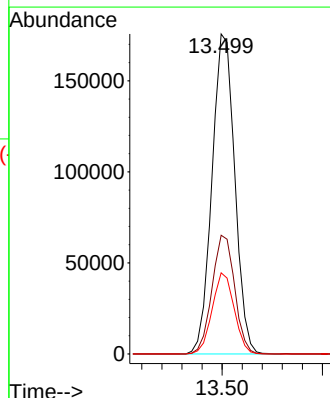
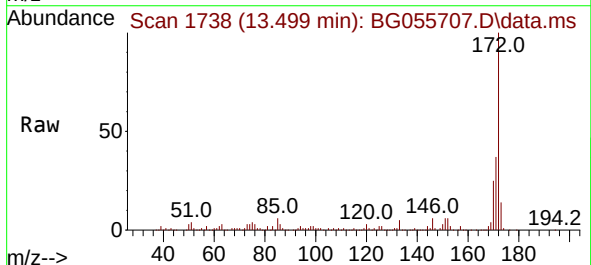
Instrument :
BNA_G
ClientSampleId :
EO-1-111722

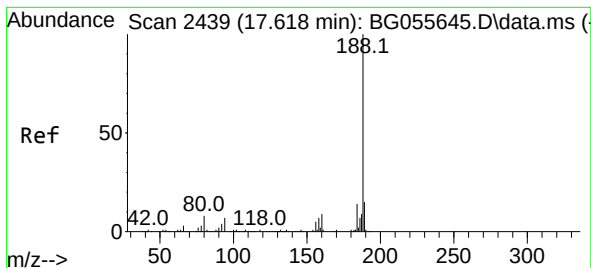
Tgt Ion:330 Resp: 83283
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 28.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 29.448 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion:172 Resp: 276977
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.4 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. 0.005 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

Instrument :

BNA_G

ClientSampleId :

EO-1-111722

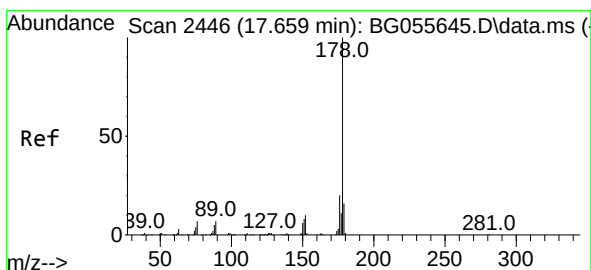
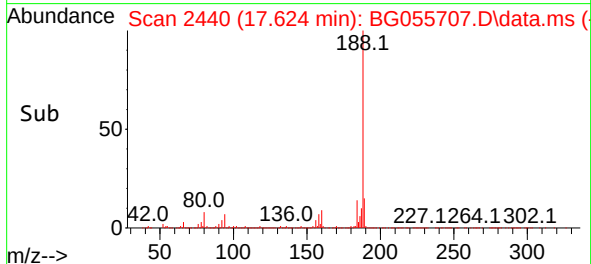
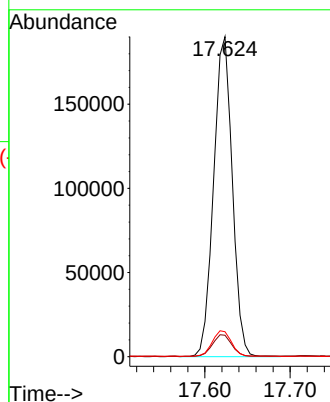
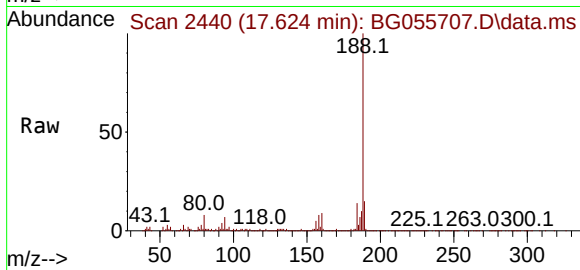
Tgt Ion:188 Resp: 289002

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.8 6.6 10.0



#71

Phenanthrene

Concen: 3.009 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.005 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

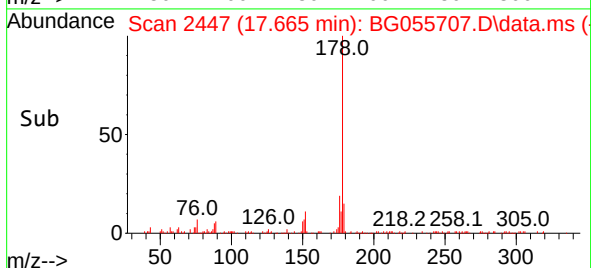
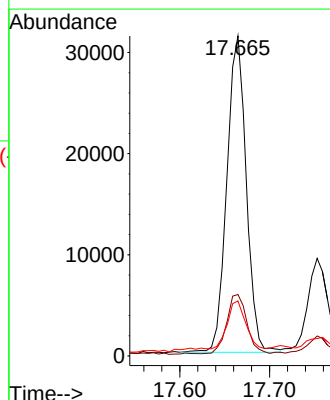
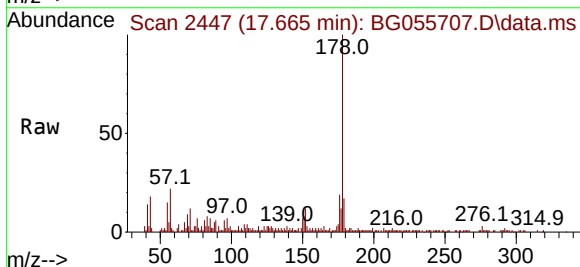
Tgt Ion:178 Resp: 46930

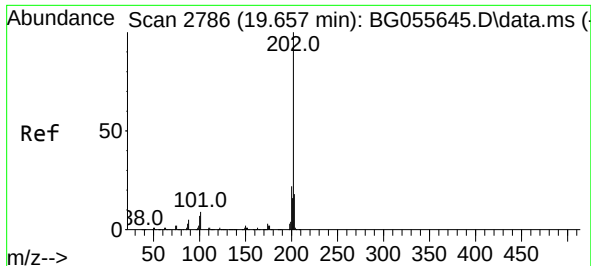
Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

179 17.2 12.7 19.1

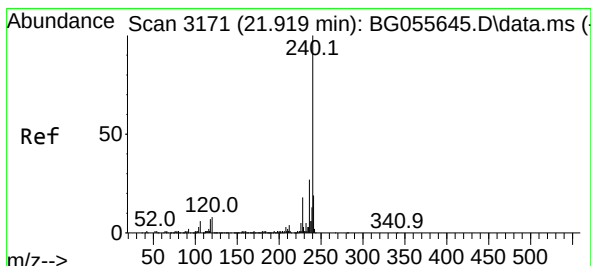
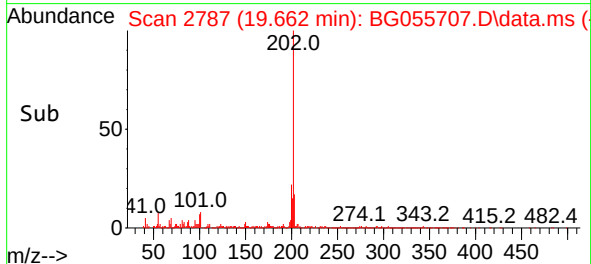
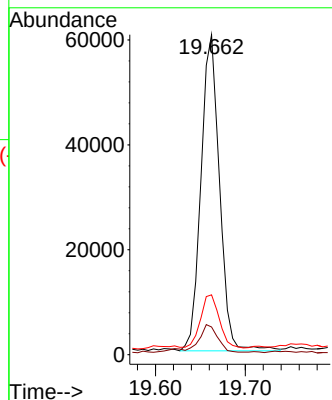
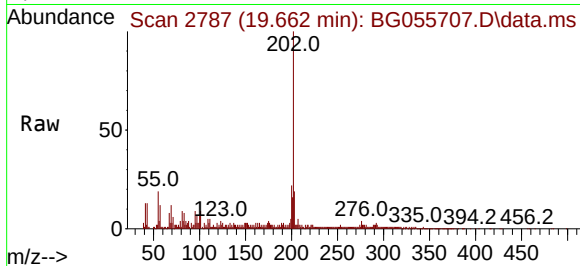




#75
Fluoranthene
Concen: 4.563 ng
RT: 19.662 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

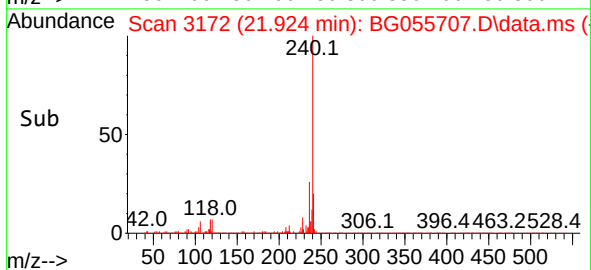
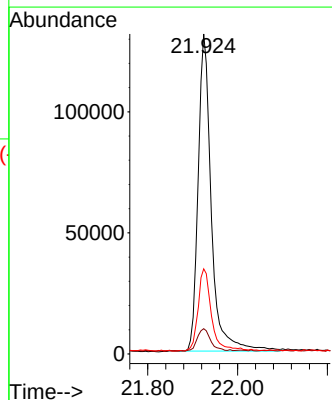
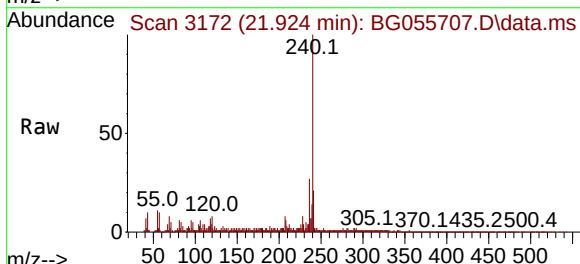
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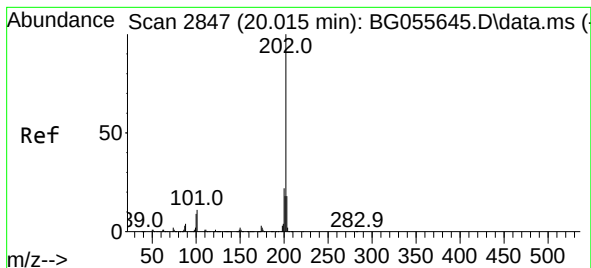
Tgt Ion:202 Resp: 86570
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.8
203 18.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.005 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion:240 Resp: 266638
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.6 21.9 32.9





#78

Pyrene

Concen: 5.213 ng

RT: 20.021 min Scan# 2848

Delta R.T. 0.005 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

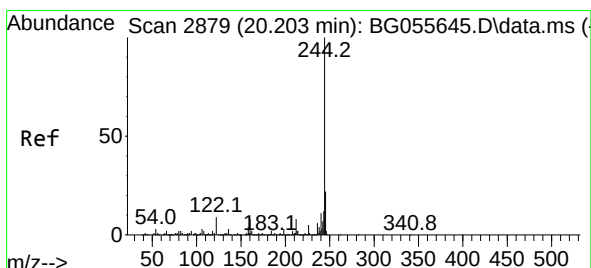
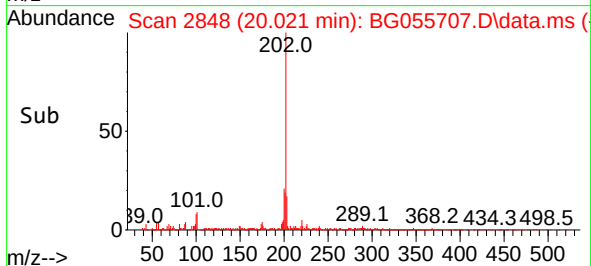
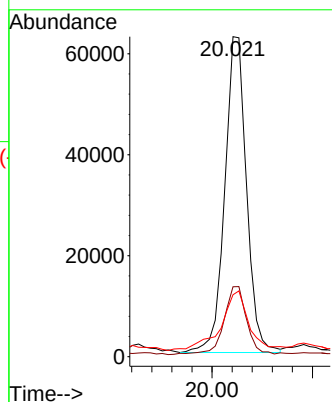
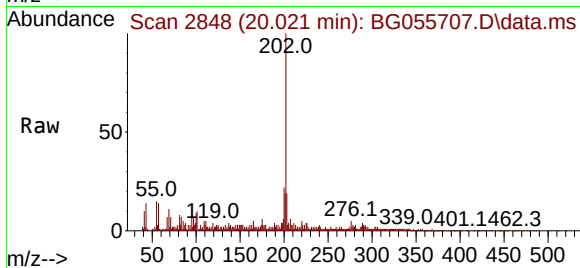
Instrument :

BNA_G

ClientSampleId :

EO-1-111722

Tgt Ion:	202	Resp:	94091
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	19.4	14.4	21.6



#79

Terphenyl-d14

Concen: 29.104 ng

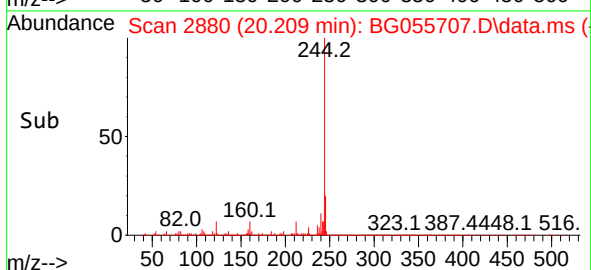
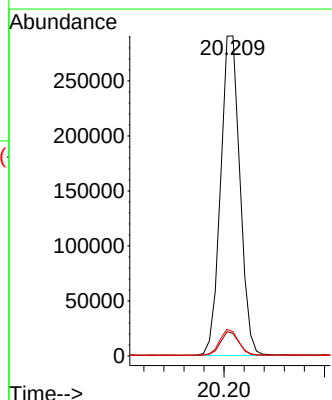
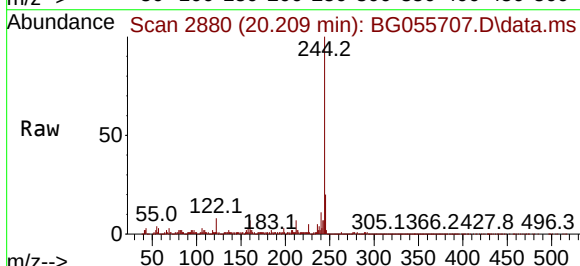
RT: 20.209 min Scan# 2880

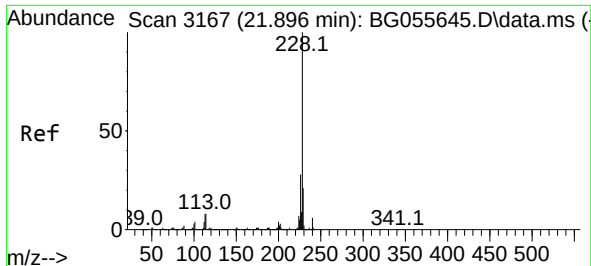
Delta R.T. 0.005 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

Tgt Ion:	244	Resp:	387990
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.3	9.5
122	7.6	6.9	10.3

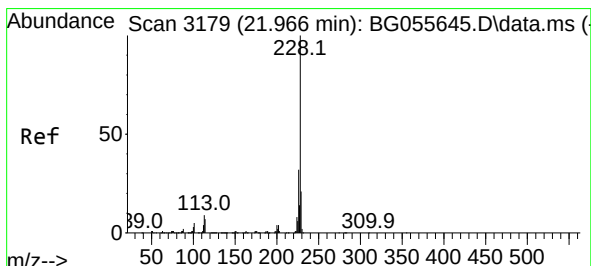
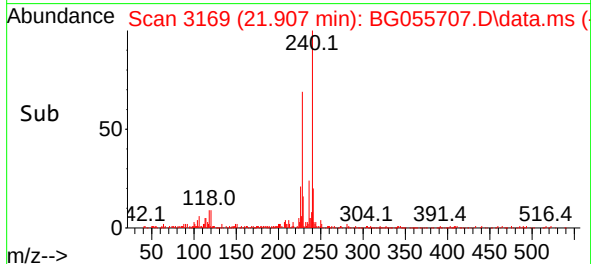
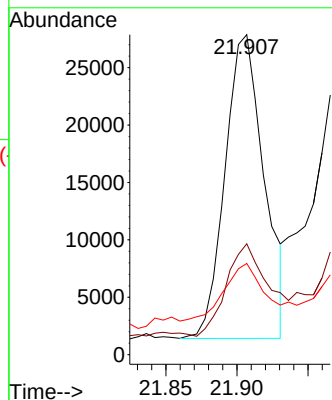
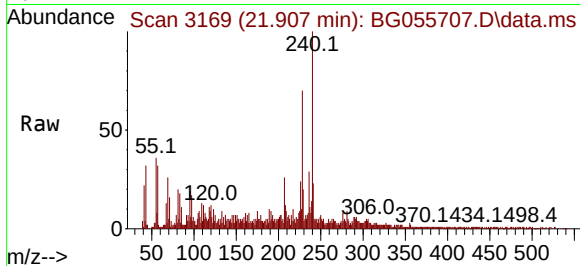




#81
Benzo(a)anthracene
Concen: 2.758 ng
RT: 21.907 min Scan# 3167
Delta R.T. 0.011 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

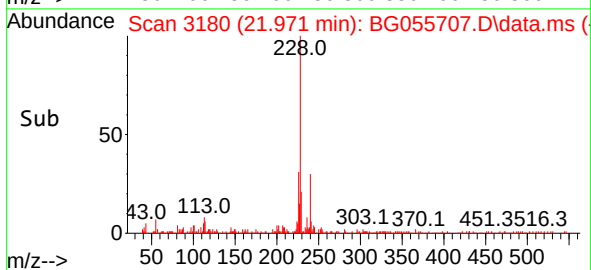
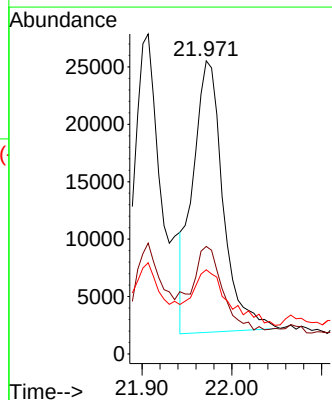
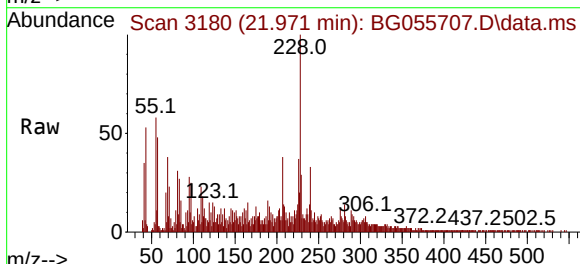
Instrument :
BNA_G
ClientSampleId :
EO-1-111722

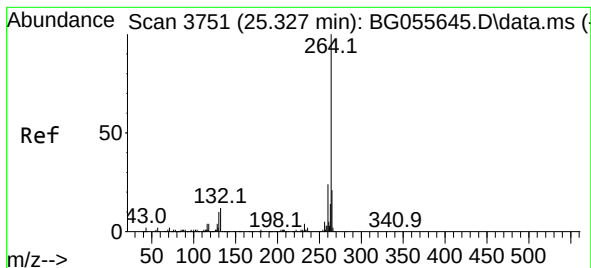
Tgt Ion:228 Resp: 50651
Ion Ratio Lower Upper
228 100
226 34.7 22.7 34.1#
229 28.5 16.5 24.7#



#83
Chrysene
Concen: 3.167 ng
RT: 21.971 min Scan# 3180
Delta R.T. 0.005 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion:228 Resp: 55370
Ion Ratio Lower Upper
228 100
226 36.7 25.4 38.2
229 28.7 17.1 25.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.362 min Scan# 31

Delta R.T. 0.035 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

Instrument :

BNA_G

ClientSampleId :

EO-1-111722

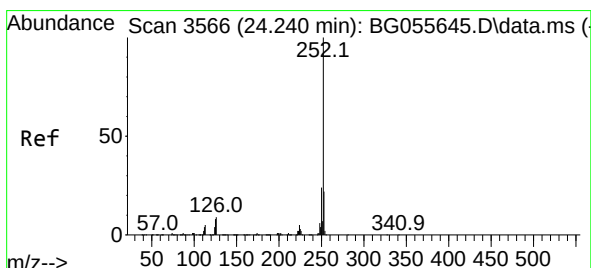
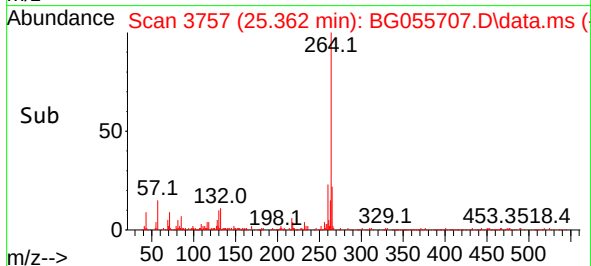
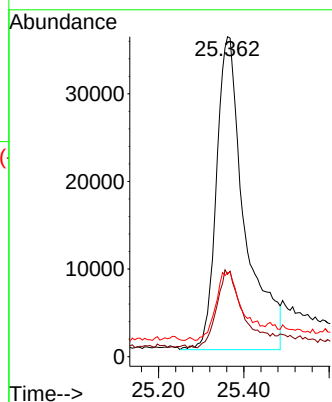
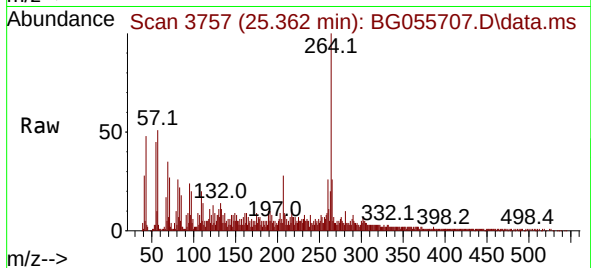
Tgt Ion:264 Resp: 164177

Ion Ratio Lower Upper

264 100

260 25.7 19.5 29.3

265 26.2 17.1 25.7#



#88

Benzo(b)fluoranthene

Concen: 4.167 ng

RT: 24.269 min Scan# 3571

Delta R.T. 0.029 min

Lab File: BG055707.D

Acq: 19 Nov 2022 2:27

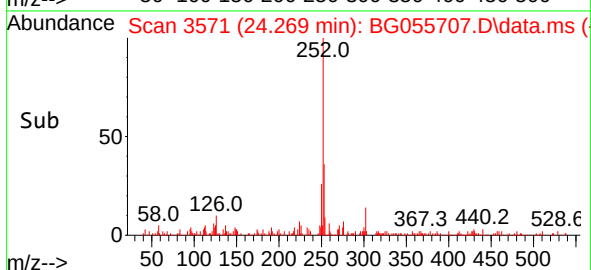
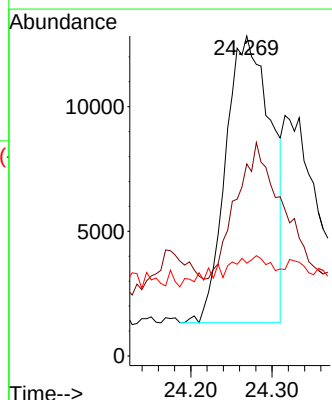
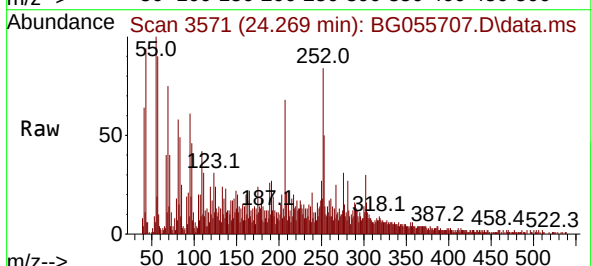
Tgt Ion:252 Resp: 44551

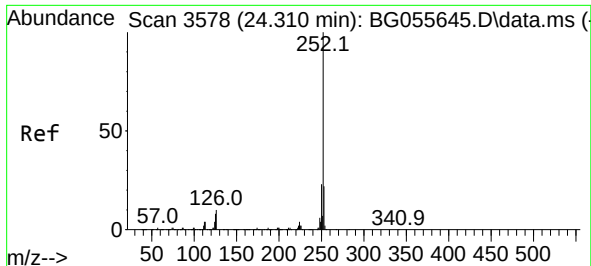
Ion Ratio Lower Upper

252 100

253 60.0 18.0 27.0#

125 29.0 6.2 9.2#

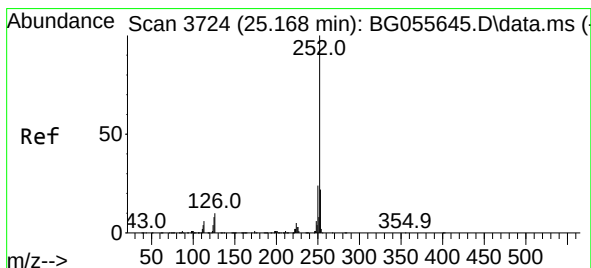
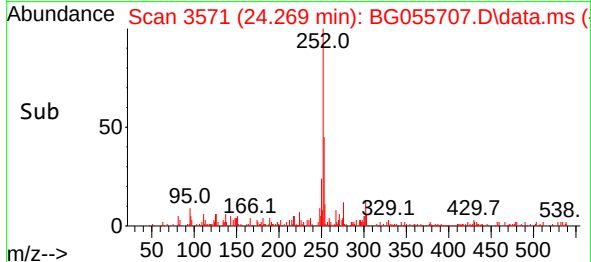
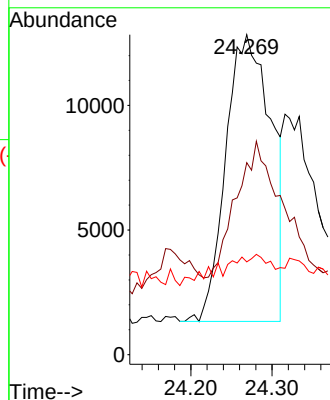
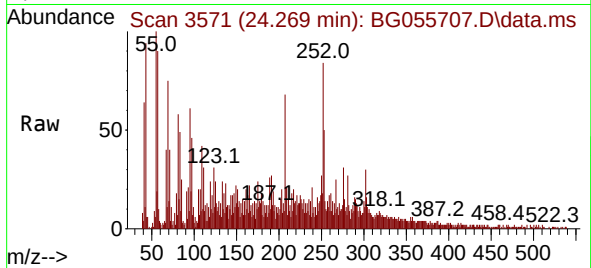




#89
Benzo(k)fluoranthene
Concen: 4.180 ng
RT: 24.269 min Scan# 31
Delta R.T. -0.042 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Instrument :
BNA_G
ClientSampleId :
EO-1-111722

Tgt Ion:252 Resp: 44551
Ion Ratio Lower Upper
252 100
253 60.0 17.8 26.6#
125 29.0 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 3.273 ng
RT: 25.197 min Scan# 3729
Delta R.T. 0.029 min
Lab File: BG055707.D
Acq: 19 Nov 2022 2:27

Tgt Ion:252 Resp: 30035
Ion Ratio Lower Upper
252 100
253 39.8 17.8 26.6#
125 35.8 6.4 9.6#

