

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057705.D
 Acq On : 14 Jun 2023 13:01
 Operator : CG/JU
 Sample : 03152-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RE137-CARBON-20230609

Quant Time: Jun 15 01:20:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	34323	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	143906	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	100405	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	249278	20.000	ng	0.00
76) Chrysene-d12	21.571	240	207364	20.000	ng	0.00
86) Perylene-d12	24.732	264	242109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	64718	30.702	ng	0.00
7) Phenol-d6	7.088	99	95463	29.480	ng	0.00
23) Nitrobenzene-d5	9.097	82	49102	32.084	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	32613	29.114	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	127224	18.888	ng	0.00
79) Terphenyl-d14	19.932	244	235674	21.013	ng	0.00

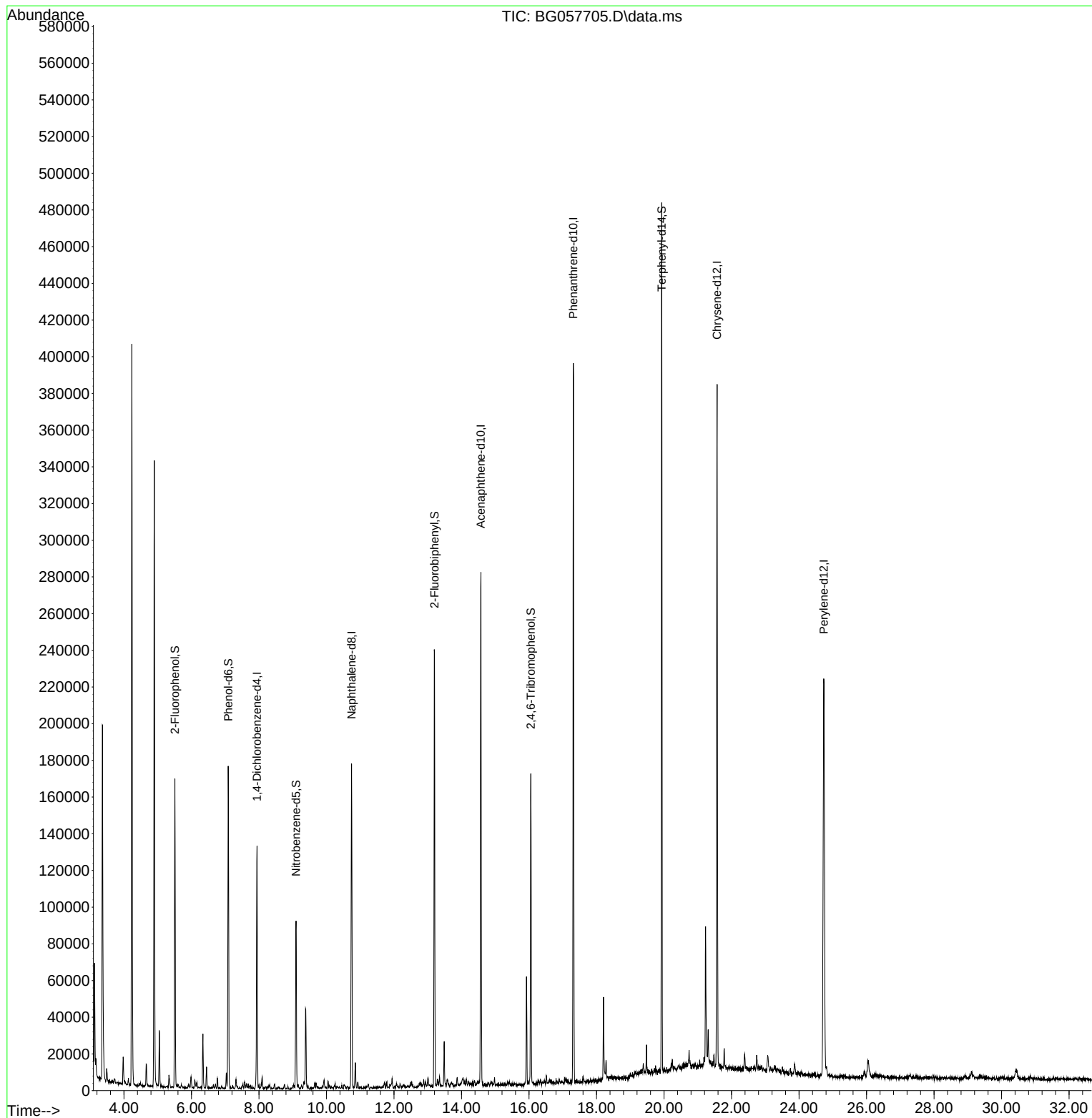
Target Compounds	Qvalue

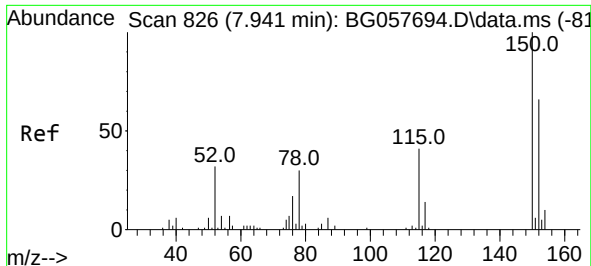
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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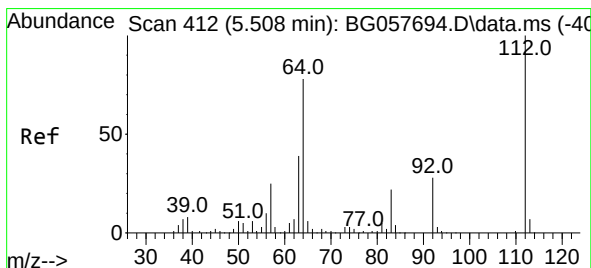
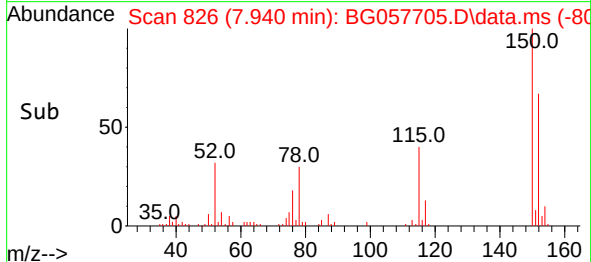
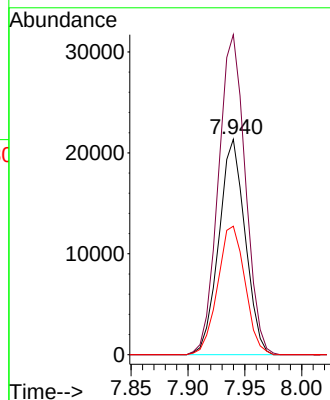
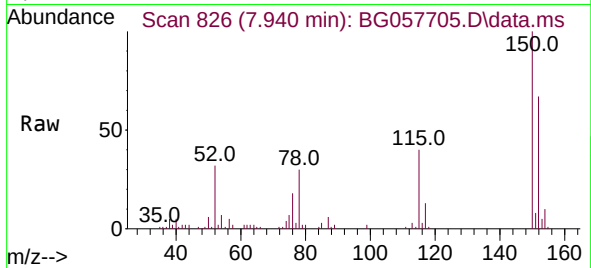




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057705.D
Acq: 14 Jun 2023 13:01

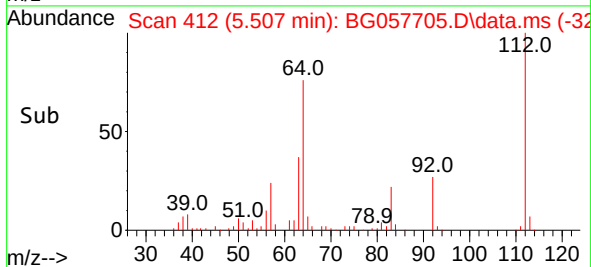
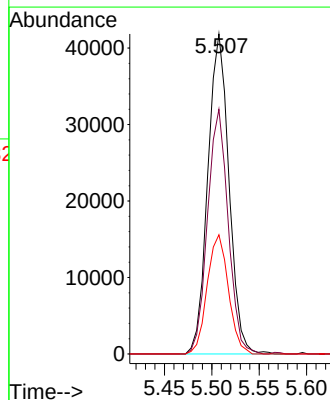
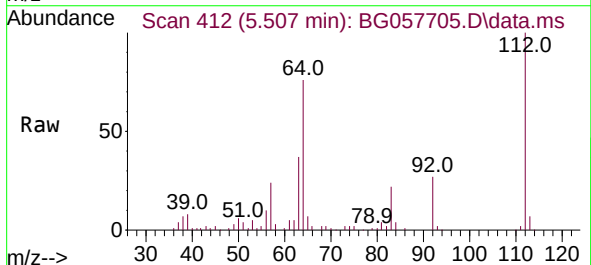
Instrument :
BNA_G
ClientSampleId :
RE137-CARBON-20230609

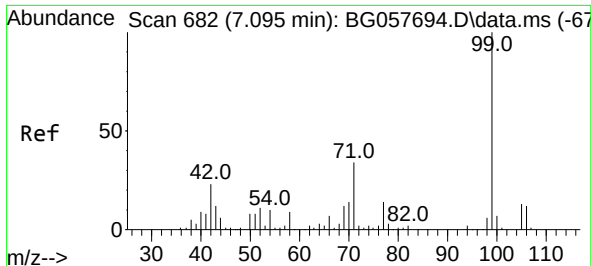
Tgt Ion:152 Resp: 34323
Ion Ratio Lower Upper
152 100
150 148.6 120.8 181.2
115 59.7 49.4 74.2



#5
2-Fluorophenol
Concen: 30.702 ng
RT: 5.507 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG057705.D
Acq: 14 Jun 2023 13:01

Tgt Ion:112 Resp: 64718
Ion Ratio Lower Upper
112 100
64 76.4 62.3 93.5
63 37.3 31.5 47.3

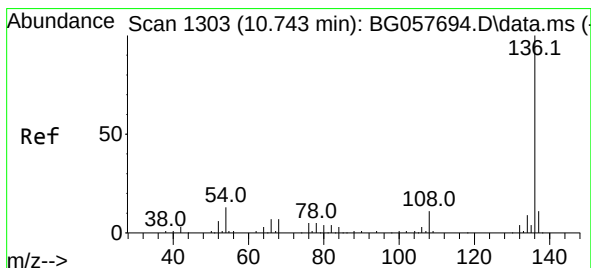
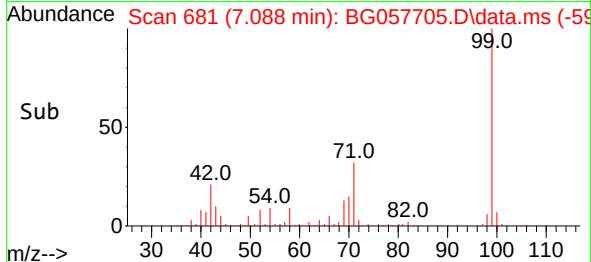
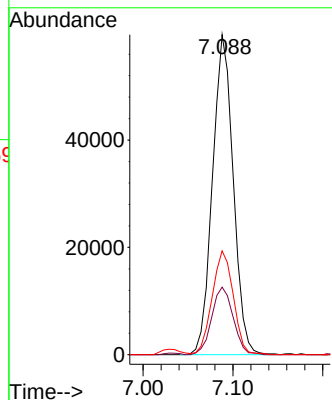
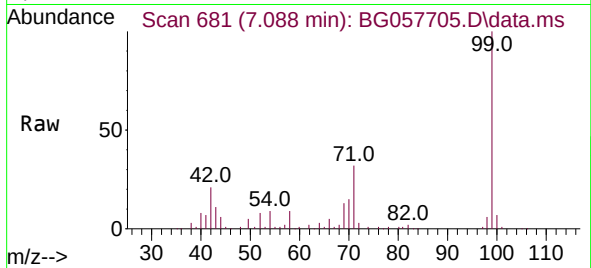




#7
Phenol-d6
Concen: 29.480 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057705.D
Acq: 14 Jun 2023 13:01

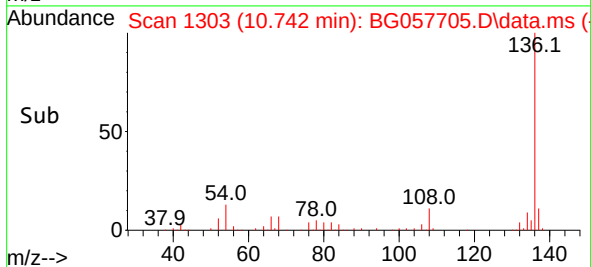
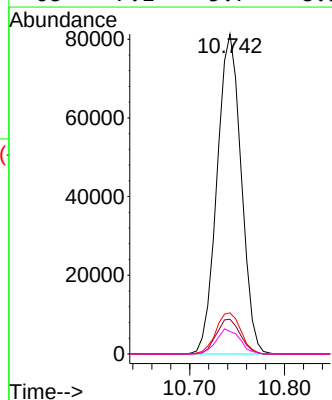
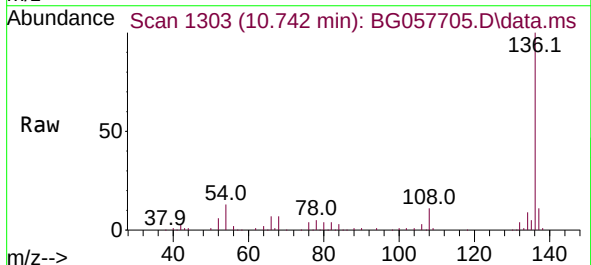
Instrument :
BNA_G
ClientSampleId :
RE137-CARBON-20230609

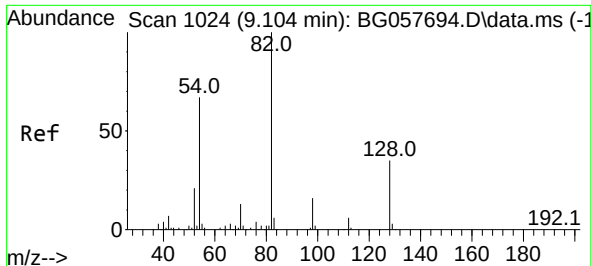
Tgt Ion:	99	Resp:	95463
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.3	27.5
71	32.5	27.5	41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG057705.D
Acq: 14 Jun 2023 13:01

Tgt Ion:	136	Resp:	143906
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	12.8	10.8	16.2
68	7.1	5.7	8.5





#23

Nitrobenzene-d5

Concen: 32.084 ng

RT: 9.097 min Scan# 1023

Delta R.T. -0.007 min

Lab File: BG057705.D

Acq: 14 Jun 2023 13:01

Instrument :

BNA_G

ClientSampleId :

RE137-CARBON-20230609

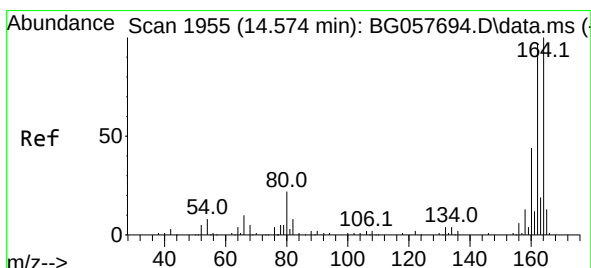
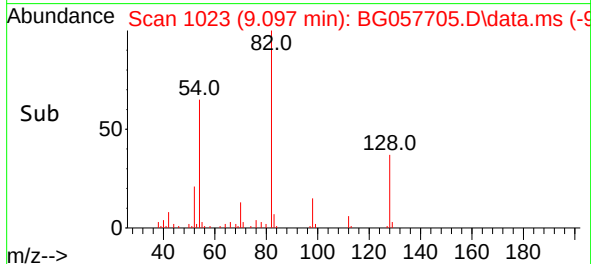
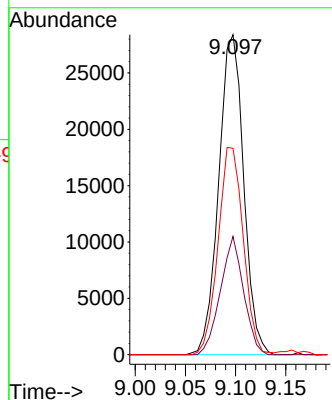
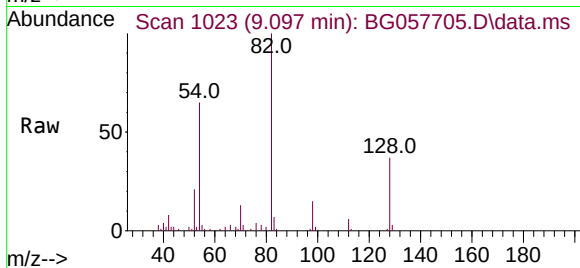
Tgt Ion: 82 Resp: 49102

Ion Ratio Lower Upper

82 100

128 37.0 27.7 41.5

54 64.5 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1955

Delta R.T. -0.001 min

Lab File: BG057705.D

Acq: 14 Jun 2023 13:01

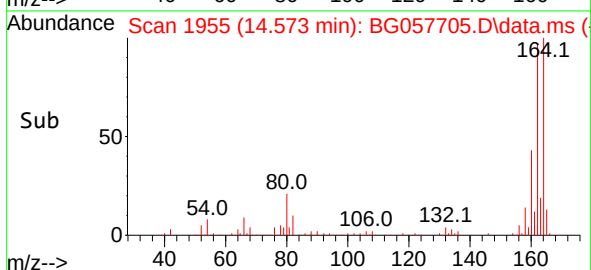
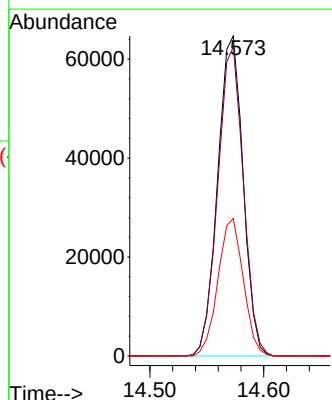
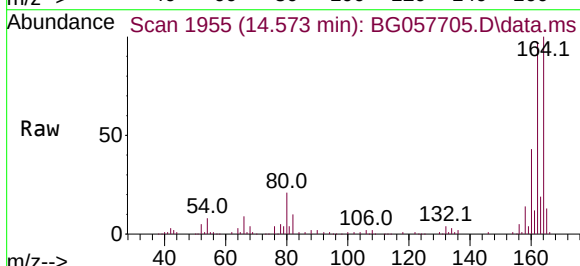
Tgt Ion: 164 Resp: 100405

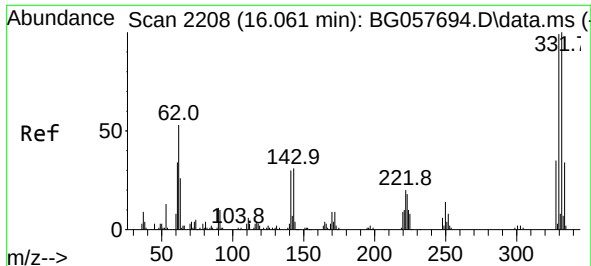
Ion Ratio Lower Upper

164 100

162 96.6 77.7 116.5

160 42.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 29.114 ng

RT: 16.054 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057705.D

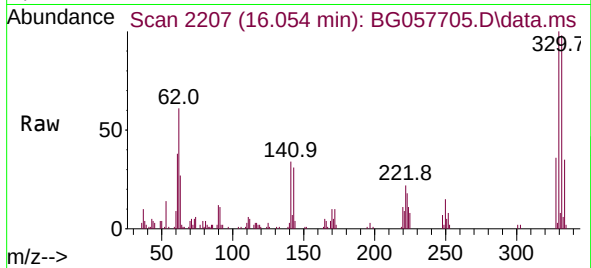
Acq: 14 Jun 2023 13:01

Instrument :

BNA_G

ClientSampleId :

RE137-CARBON-20230609



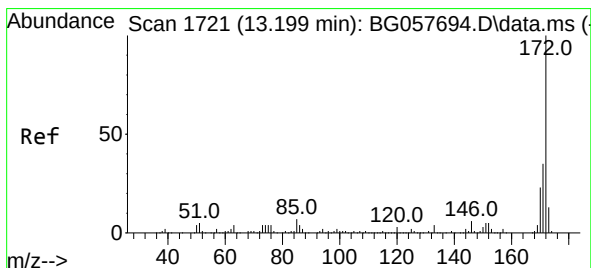
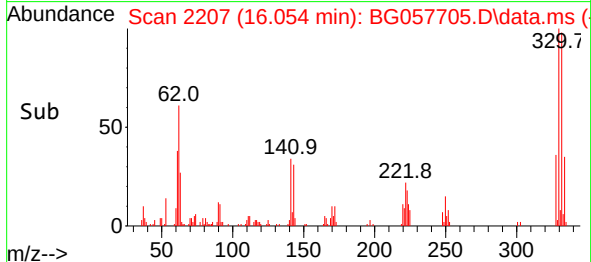
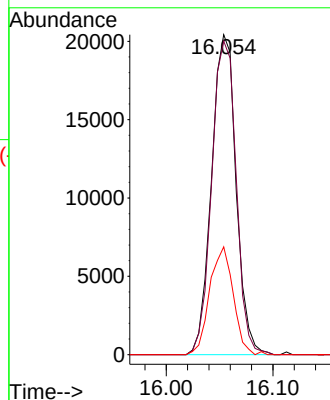
Tgt Ion:330 Resp: 32613

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.6

141 32.4 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 18.888 ng

RT: 13.198 min Scan# 1721

Delta R.T. -0.001 min

Lab File: BG057705.D

Acq: 14 Jun 2023 13:01

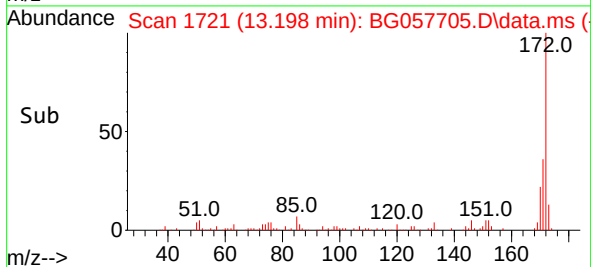
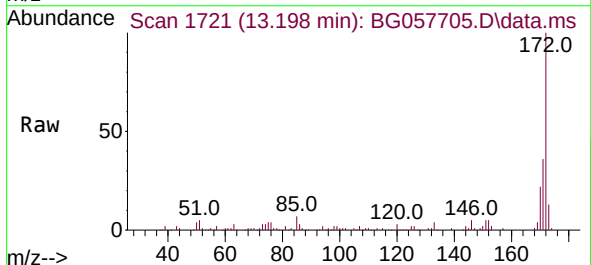
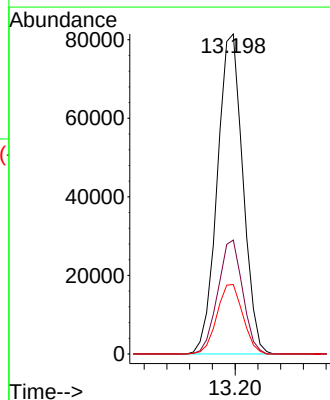
Tgt Ion:172 Resp: 127224

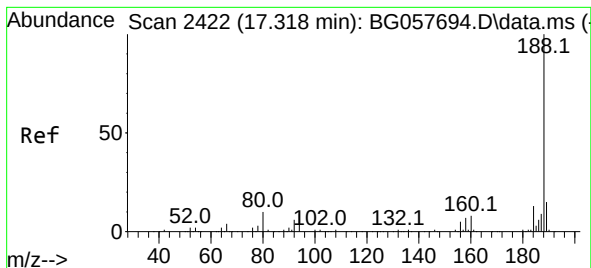
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 21.7 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.311 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG057705.D

Acq: 14 Jun 2023 13:01

Instrument :

BNA_G

ClientSampleId :

RE137-CARBON-20230609

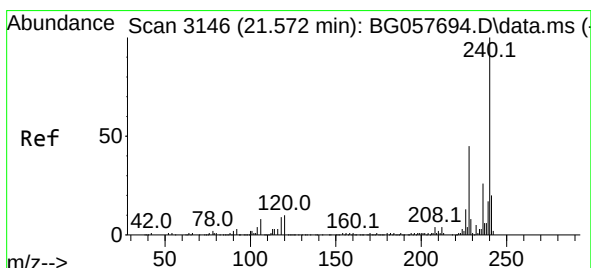
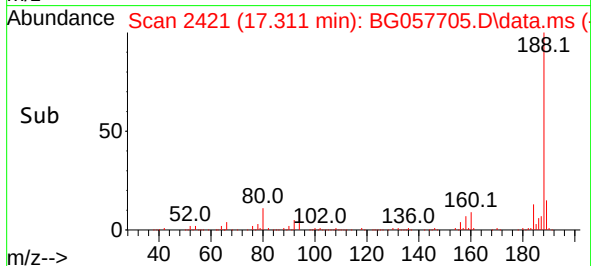
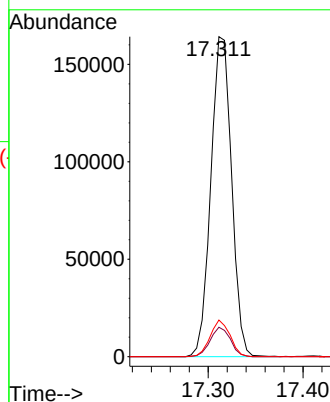
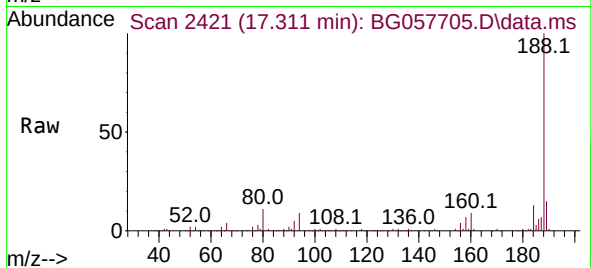
Tgt Ion:188 Resp: 249278

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 11.4 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG057705.D

Acq: 14 Jun 2023 13:01

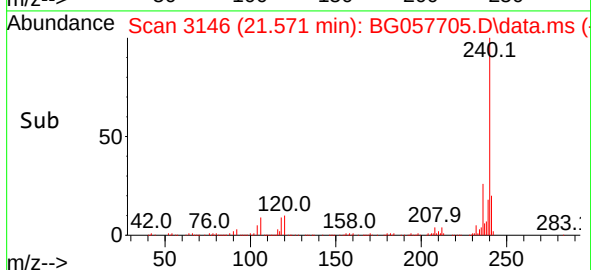
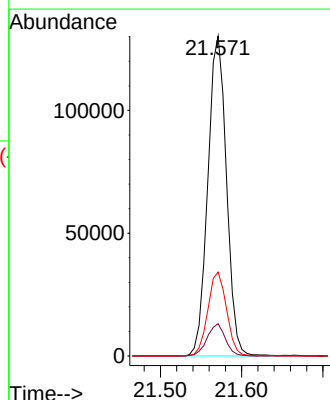
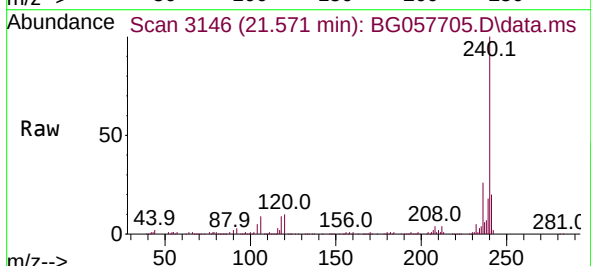
Tgt Ion:240 Resp: 207364

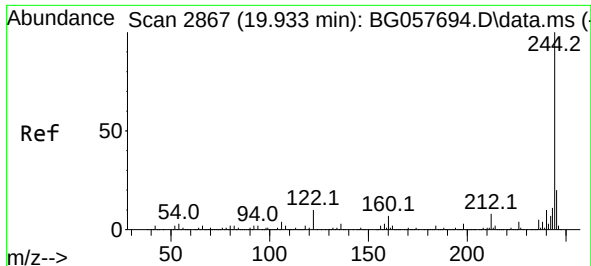
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 26.2 20.7 31.1

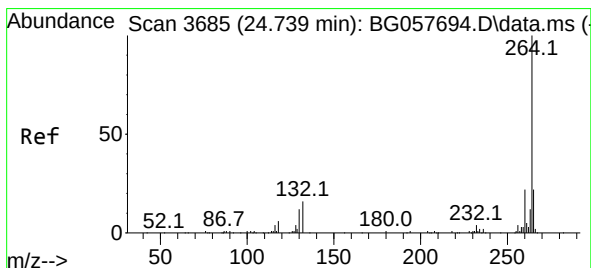
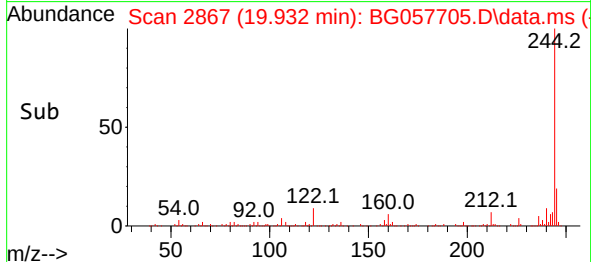
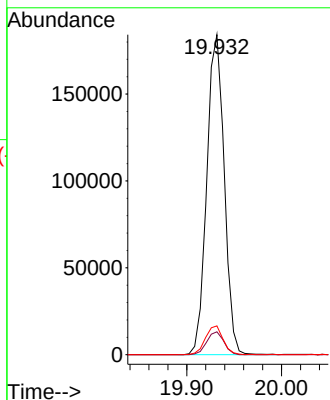
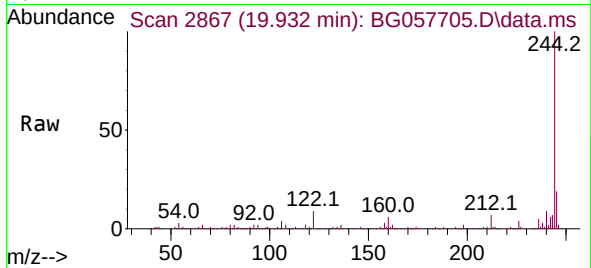




#79
 Terphenyl-d14
 Concen: 21.013 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057705.D
 Acq: 14 Jun 2023 13:01

Instrument :
 BNA_G
 ClientSampleId :
 RE137-CARBON-20230609

Tgt Ion:244 Resp: 235674
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.732 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG057705.D
 Acq: 14 Jun 2023 13:01

Tgt Ion:264 Resp: 242109
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.3 25.9
 265 21.5 17.5 26.3

