

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055539.D
 Acq On : 10 Nov 2022 14:29
 Operator : CG/JU
 Sample : N5474-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5592-4

Quant Time: Nov 11 02:00:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	45746	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	179850	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	122740	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	294909	20.000	ng	0.00
76) Chrysene-d12	21.924	240	318336	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	316354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	168248	70.053	ng	0.00
7) Phenol-d6	7.400	99	128211	38.646	ng	0.00
23) Nitrobenzene-d5	9.439	82	314369	118.497	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	216712	180.958	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	735177	90.349	ng	0.00
79) Terphenyl-d14	20.215	244	1214593	76.635	ng	0.00

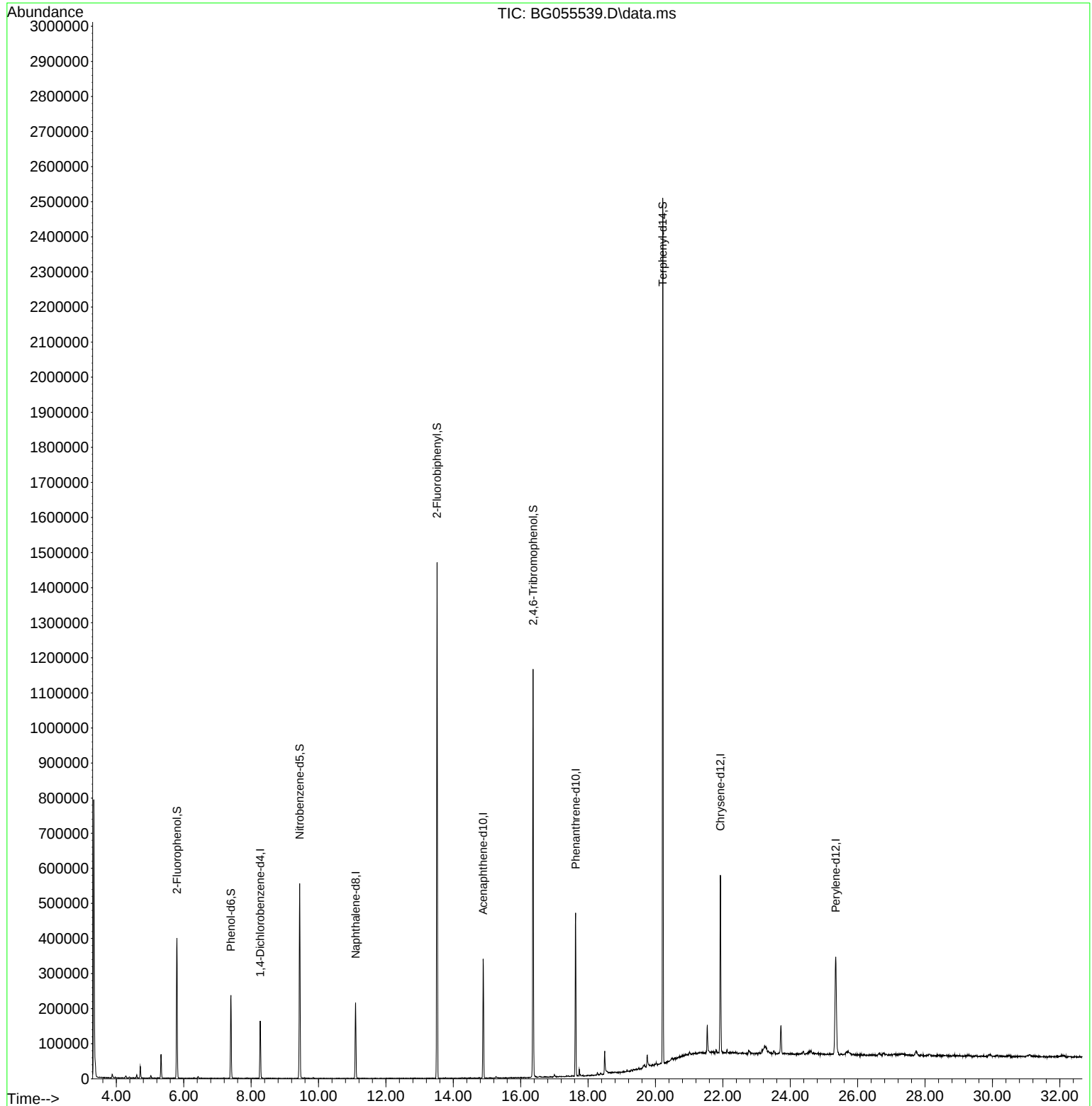
Target Compounds	Qvalue

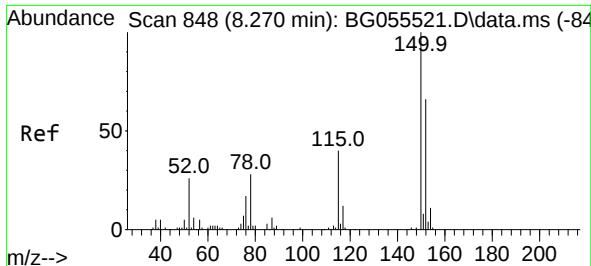
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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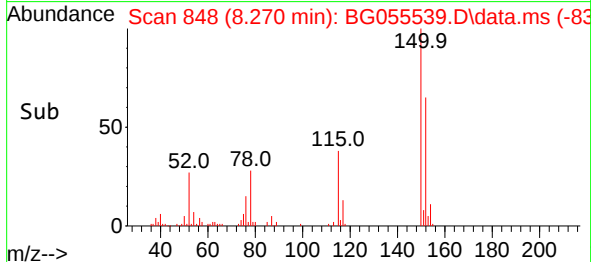
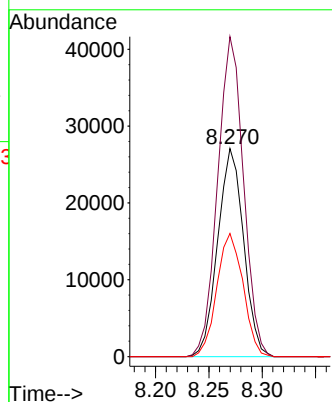
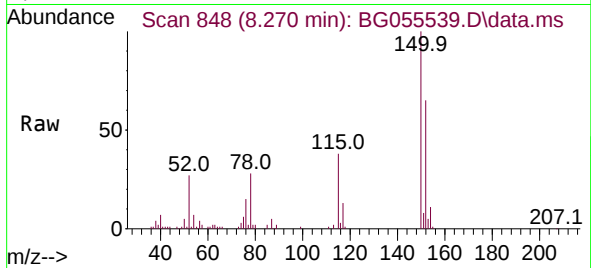




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

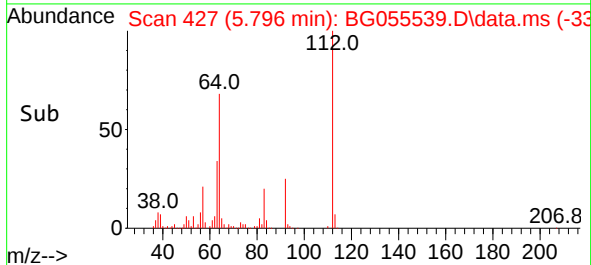
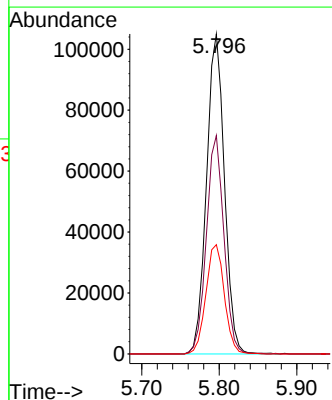
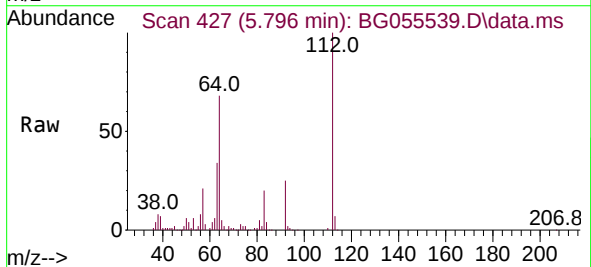
Instrument :
BNA_G
ClientSampleId :
5592-4

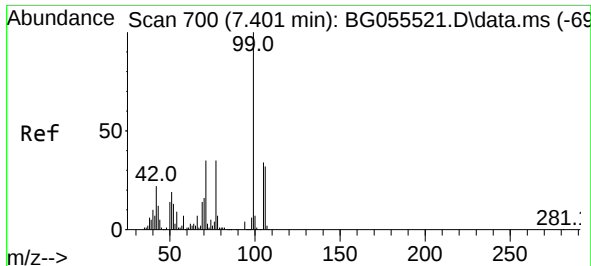
Tgt Ion:152 Resp: 45746
Ion Ratio Lower Upper
152 100
150 153.7 121.0 181.4
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 70.053 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:112 Resp: 168248
Ion Ratio Lower Upper
112 100
64 68.2 52.6 78.8
63 34.1 28.3 42.5

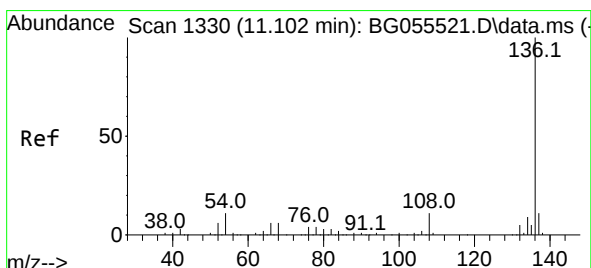
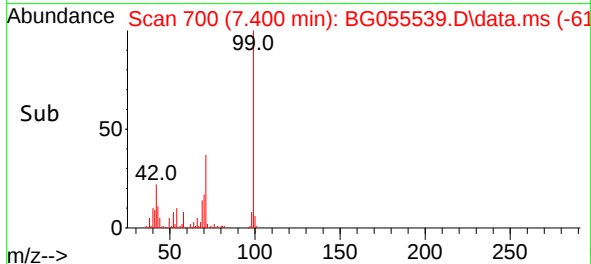
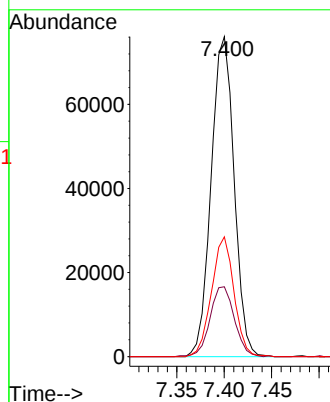
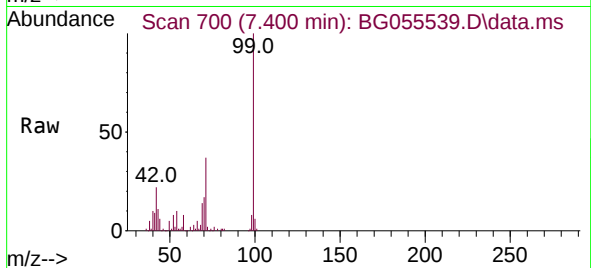




#7
Phenol-d6
Concen: 38.646 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

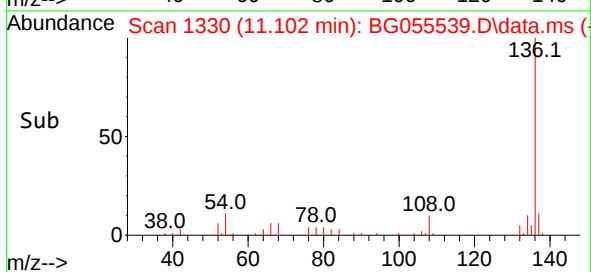
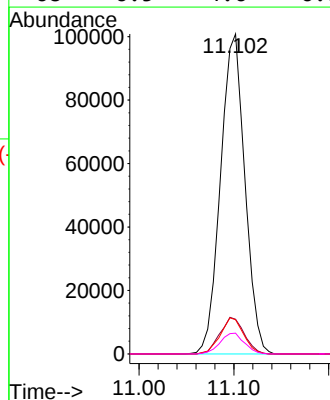
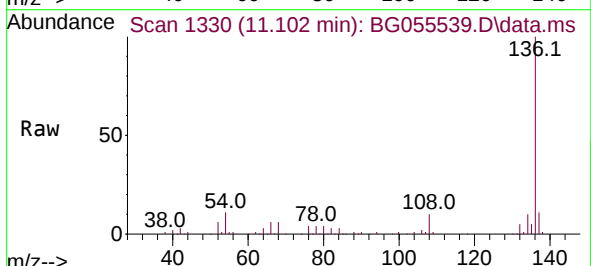
Instrument :
BNA_G
ClientSampleId :
5592-4

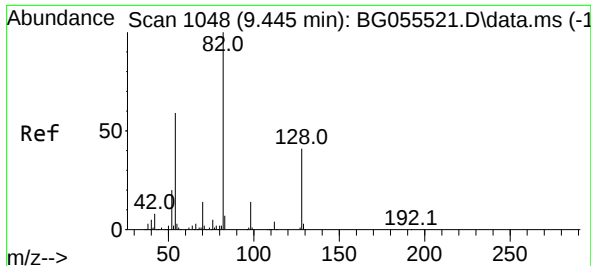
Tgt Ion: 99 Resp: 128211
Ion Ratio Lower Upper
99 100
42 21.8 17.5 26.3
71 37.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion: 136 Resp: 179850
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.7 8.6 12.8
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 118.497 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

Instrument :

BNA_G

ClientSampleId :

5592-4

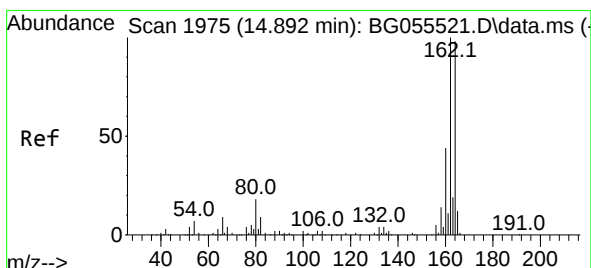
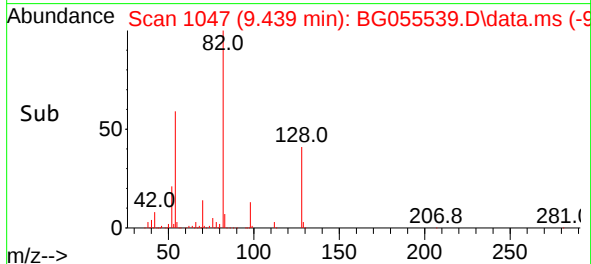
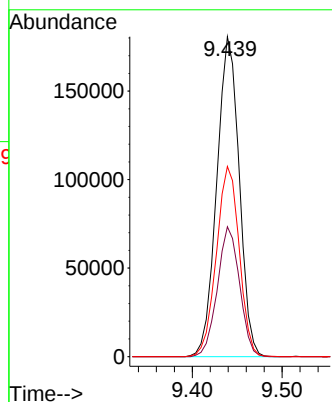
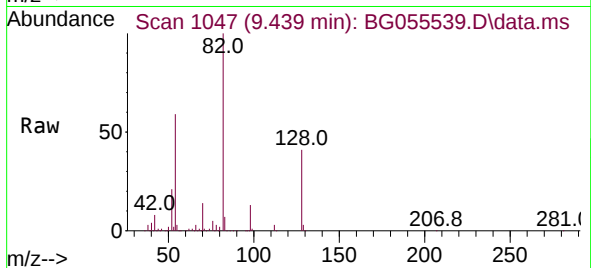
Tgt Ion: 82 Resp: 314369

Ion Ratio Lower Upper

82 100

128 40.6 32.6 49.0

54 59.4 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

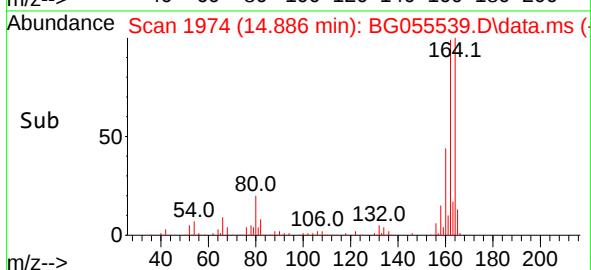
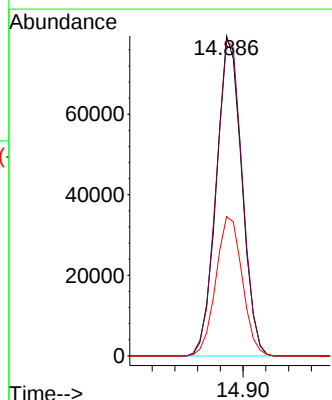
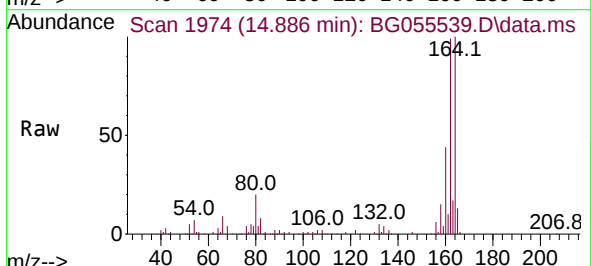
Tgt Ion:164 Resp: 122740

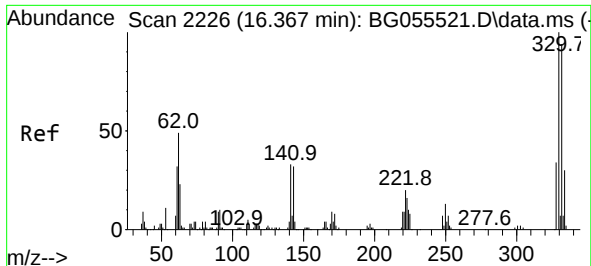
Ion Ratio Lower Upper

164 100

162 98.7 81.3 121.9

160 43.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 180.958 ng

RT: 16.366 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

Instrument :

BNA_G

ClientSampleId :

5592-4

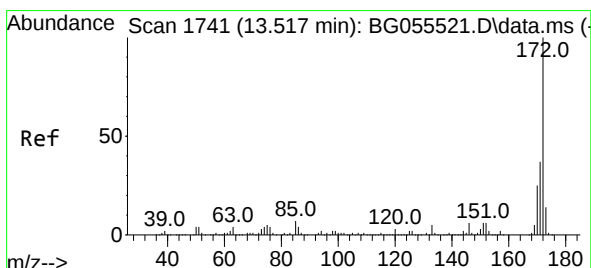
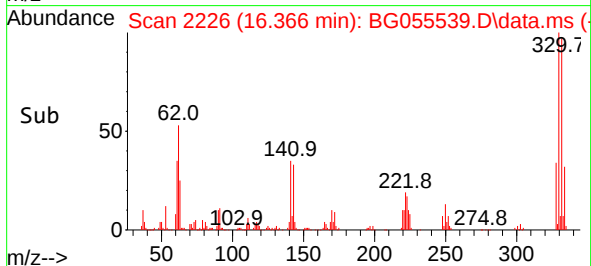
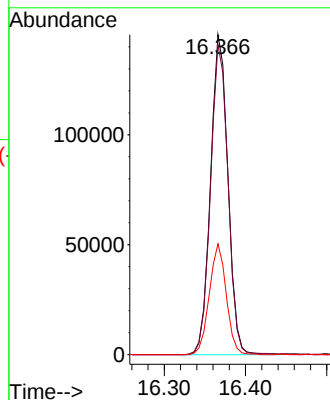
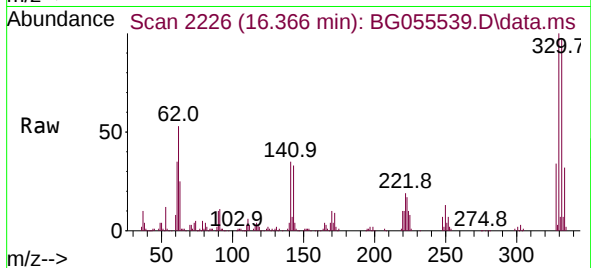
Tgt Ion:330 Resp: 216712

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 33.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 90.349 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

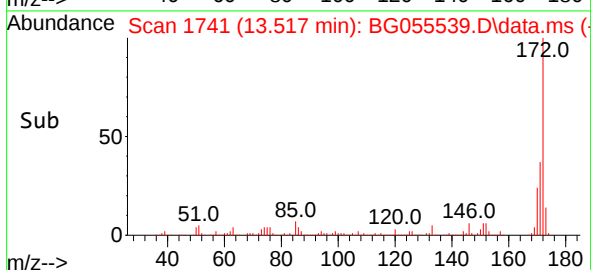
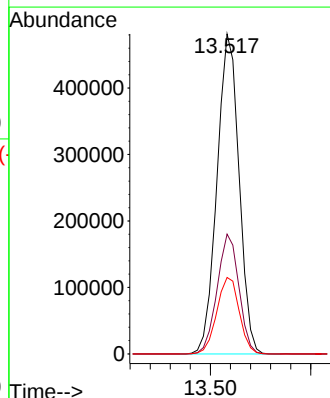
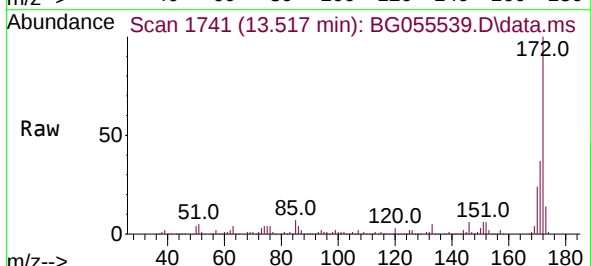
Tgt Ion:172 Resp: 735177

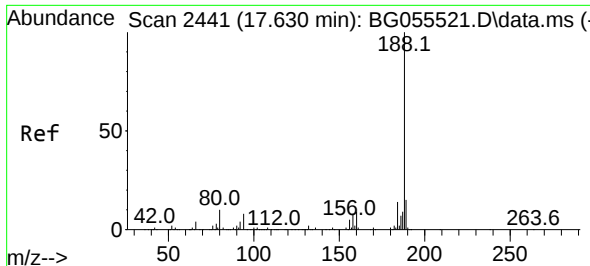
Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 23.9 19.8 29.6

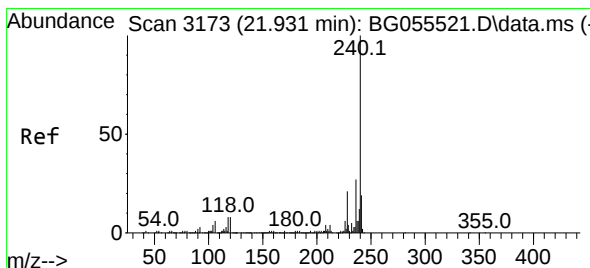
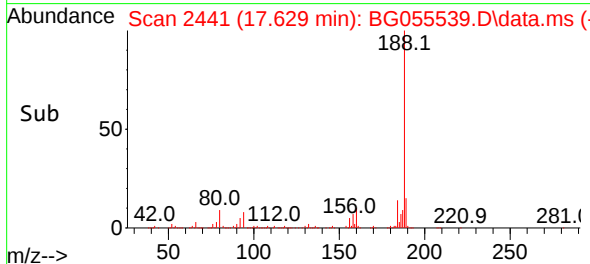
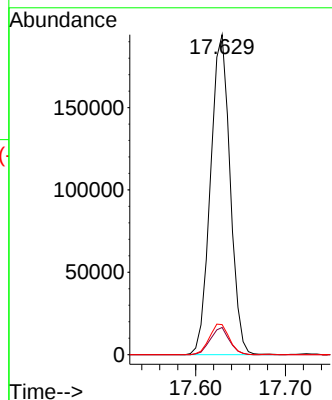
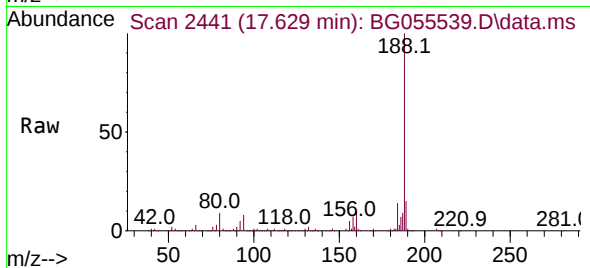




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.001 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

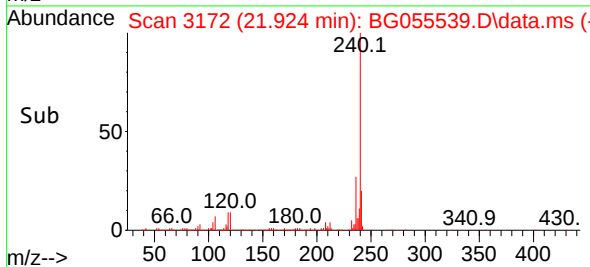
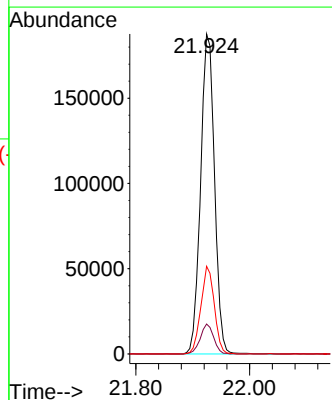
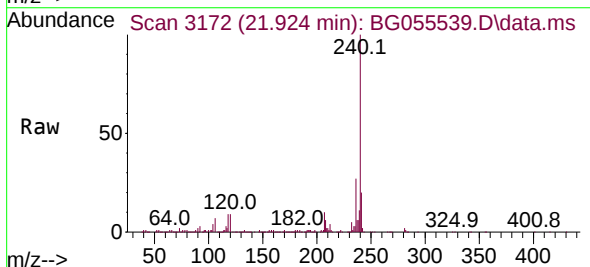
Instrument :
BNA_G
ClientSampleId :
5592-4

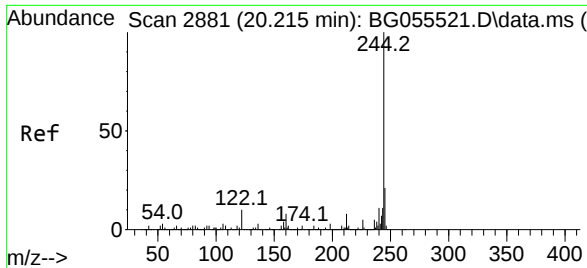
Tgt Ion:188 Resp: 294909
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:240 Resp: 318336
Ion Ratio Lower Upper
240 100
120 9.3 6.1 9.1#
236 27.4 21.4 32.0





#79

Terphenyl-d14

Concen: 76.635 ng

RT: 20.215 min Scan# 2881

Delta R.T. -0.000 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

Instrument :

BNA_G

ClientSampleId :

5592-4

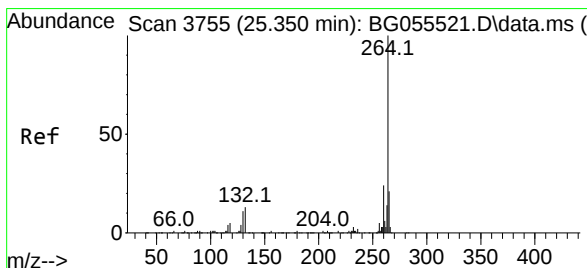
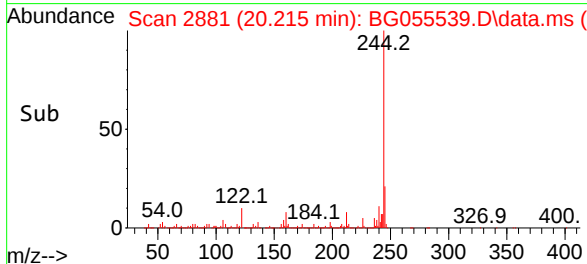
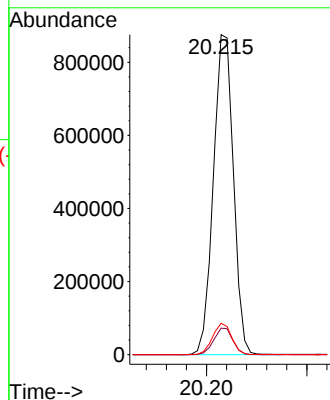
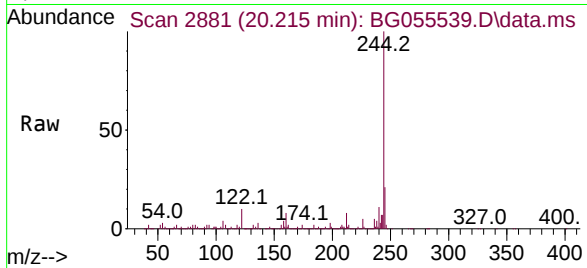
Tgt Ion:244 Resp: 1214593

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 9.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 3755

Delta R.T. -0.000 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

Tgt Ion:264 Resp: 316354

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.6 17.1 25.7

