

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055311.D
 Acq On : 26 Oct 2022 23:25
 Operator : CG/JU
 Sample : N5218-31
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-4

Quant Time: Oct 27 10:44:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	33793	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	145794	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	99058	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	222743	20.000	ng	0.00
76) Chrysene-d12	21.893	240	212796	20.000	ng	0.00
86) Perylene-d12	25.289	264	227498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	222764	115.424	ng	0.00
7) Phenol-d6	7.415	99	325831	116.532	ng	0.00
23) Nitrobenzene-d5	9.442	82	194774	68.218	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	128159	119.013	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	442117	73.052	ng	0.00
79) Terphenyl-d14	20.189	244	724918	70.779	ng	0.00

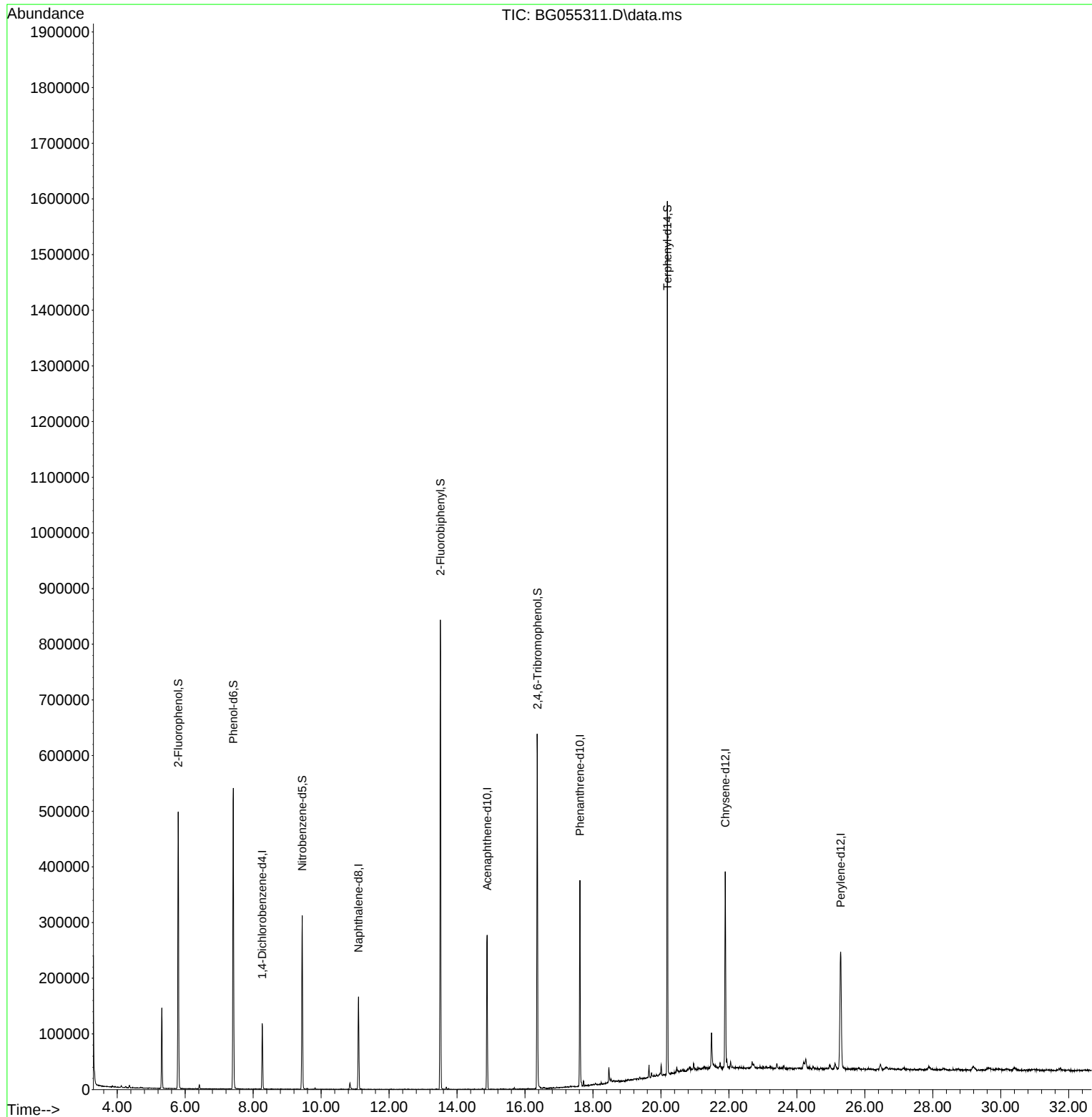
Target Compounds	Qvalue

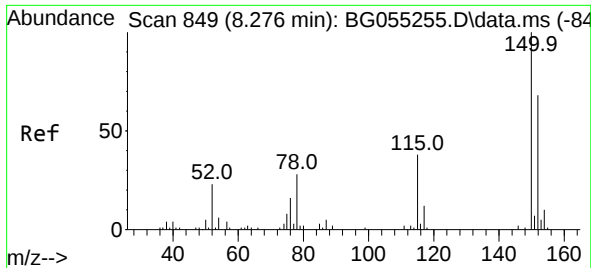
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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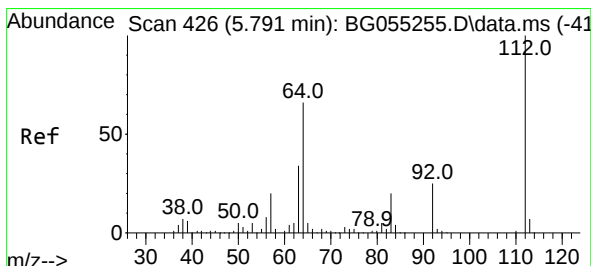
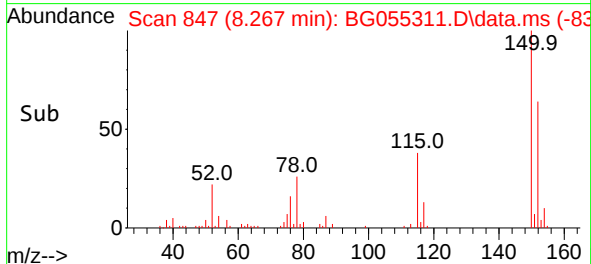
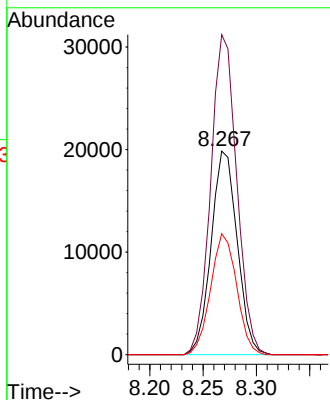
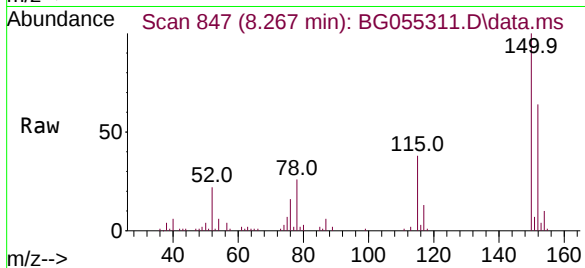




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

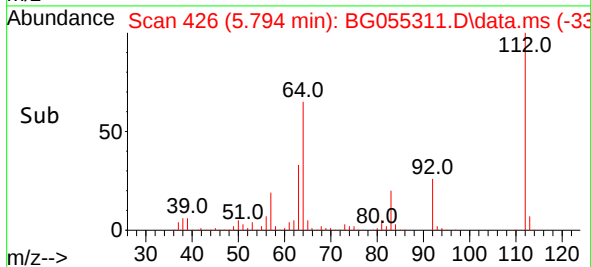
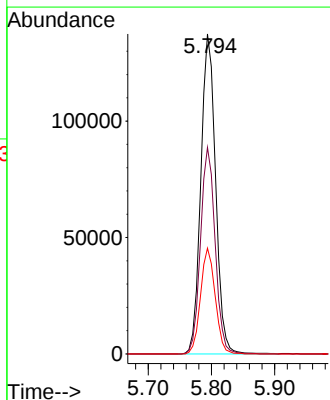
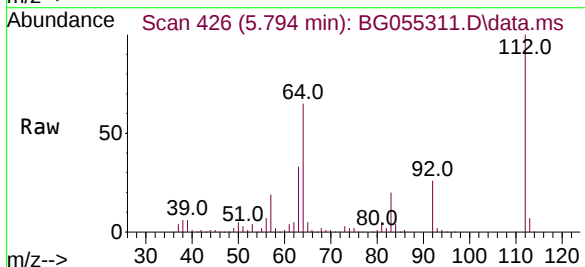
Instrument :
BNA_G
ClientSampleId :
SP-4

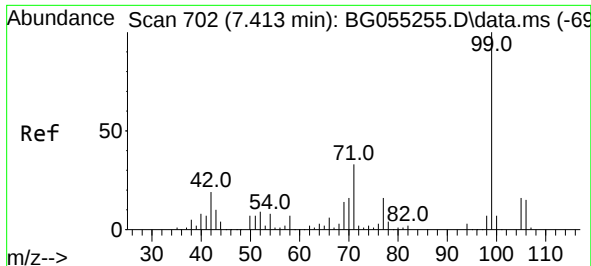
Tgt Ion:152 Resp: 33793
Ion Ratio Lower Upper
152 100
150 157.3 118.2 177.4
115 59.4 44.5 66.7



#5
2-Fluorophenol
Concen: 115.424 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:112 Resp: 222764
Ion Ratio Lower Upper
112 100
64 64.5 52.6 78.8
63 33.0 27.1 40.7

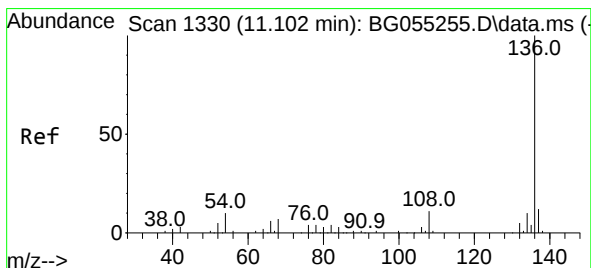
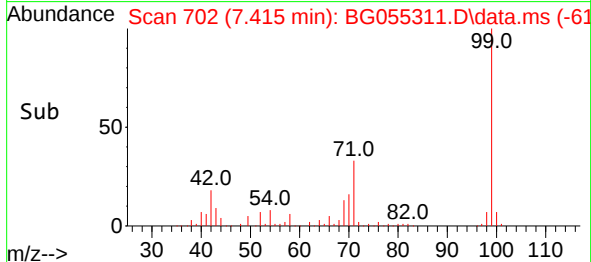
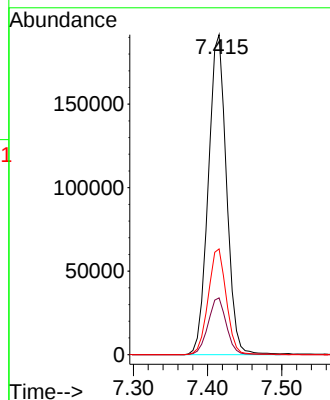
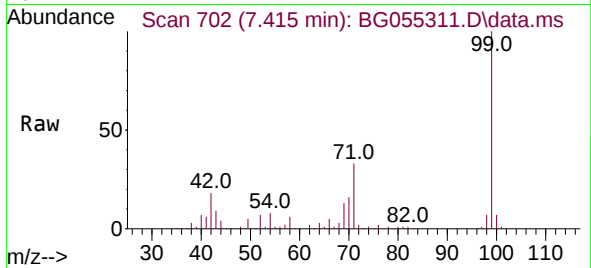




#7
Phenol-d6
Concen: 116.532 ng
RT: 7.415 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

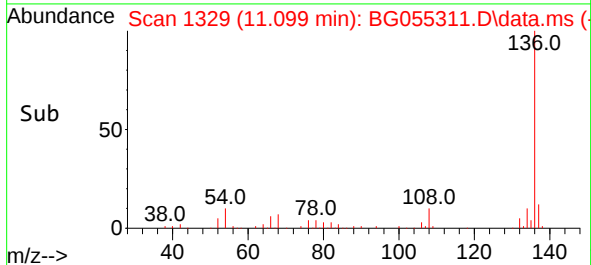
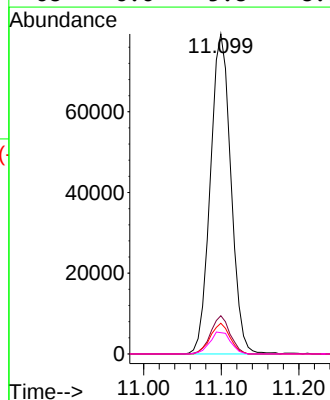
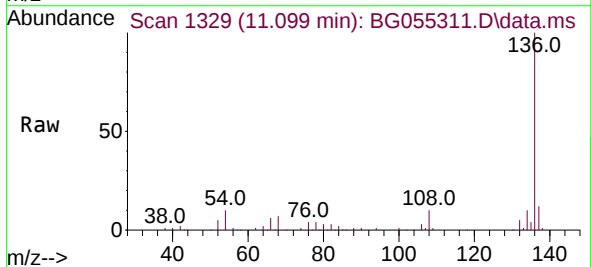
Instrument :
BNA_G
ClientSampleId :
SP-4

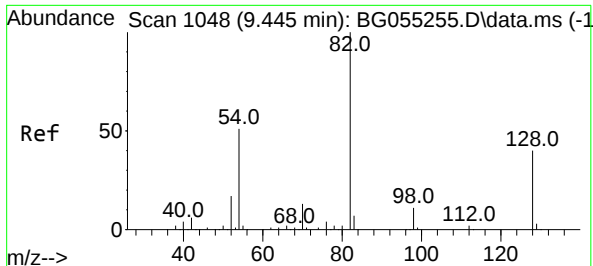
Tgt Ion: 99 Resp: 325831
Ion Ratio Lower Upper
99 100
42 17.7 15.2 22.8
71 33.0 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion: 136 Resp: 145794
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 9.6 7.8 11.8
68 6.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 68.218 ng

RT: 9.442 min Scan# 1048

Delta R.T. -0.003 min

Lab File: BG055311.D

Acq: 26 Oct 2022 23:25

Instrument :

BNA_G

ClientSampleId :

SP-4

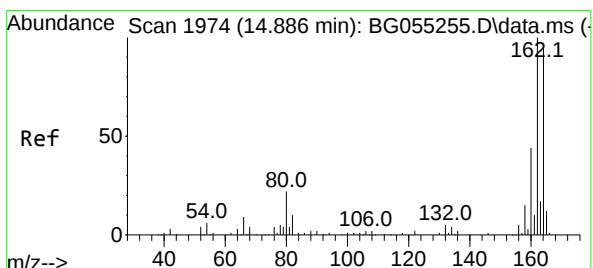
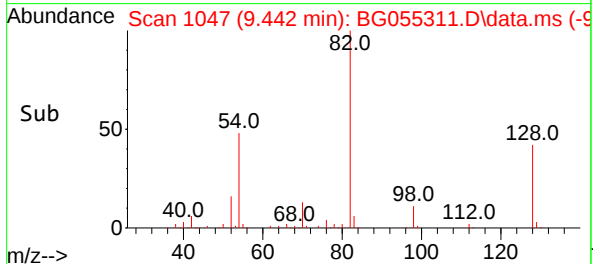
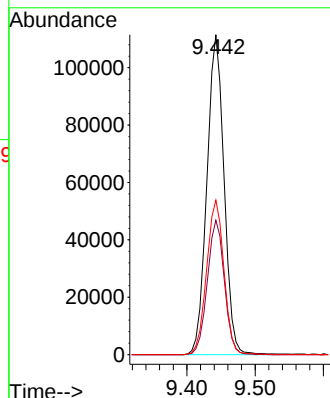
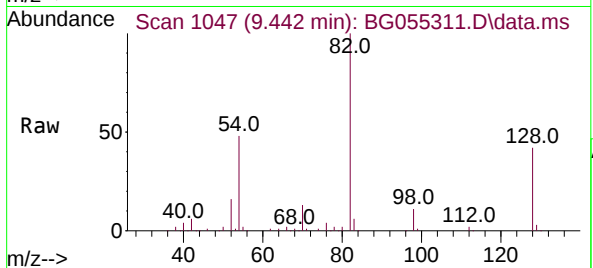
Tgt Ion: 82 Resp: 194774

Ion Ratio Lower Upper

82 100

128 42.0 32.0 48.0

54 48.3 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG055311.D

Acq: 26 Oct 2022 23:25

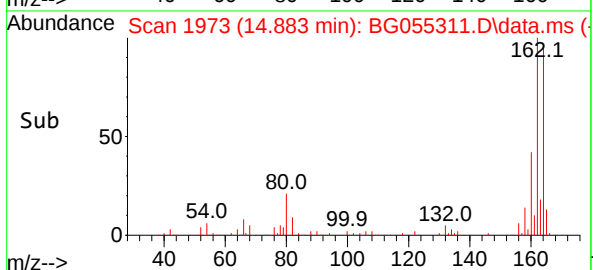
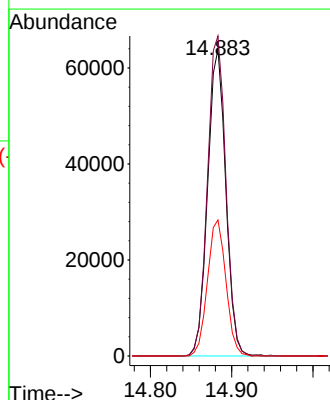
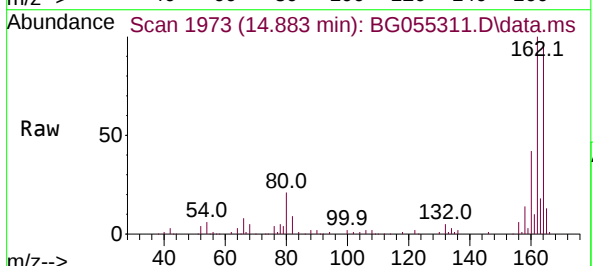
Tgt Ion: 164 Resp: 99058

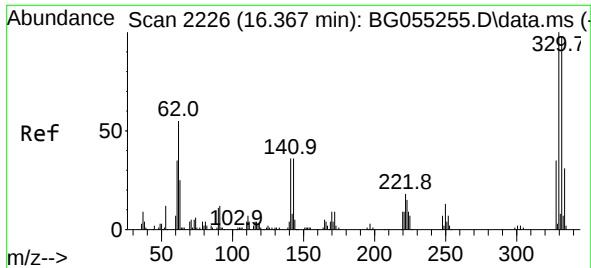
Ion Ratio Lower Upper

164 100

162 104.3 84.0 126.0

160 44.3 36.7 55.1

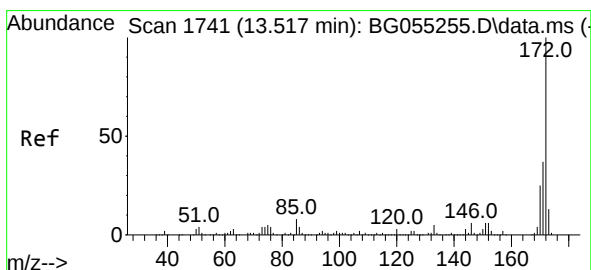
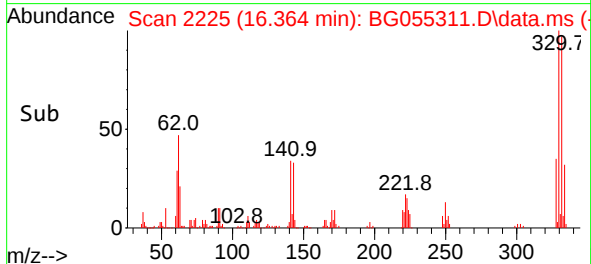
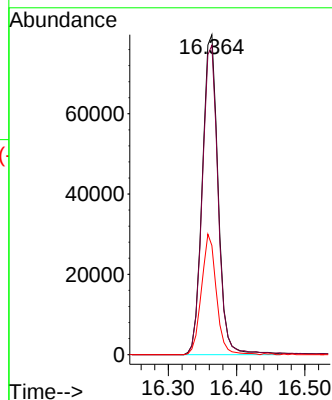
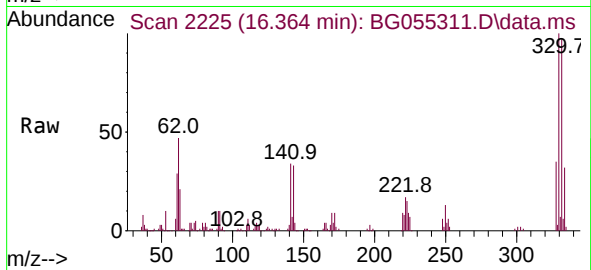




#42
2,4,6-Tribromophenol
Concen: 119.013 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

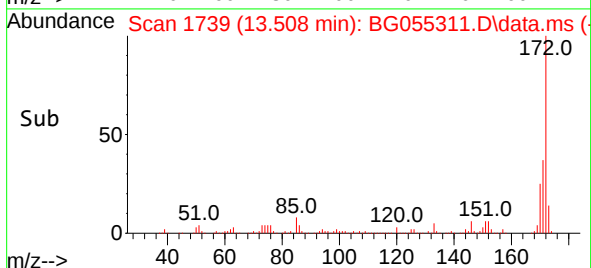
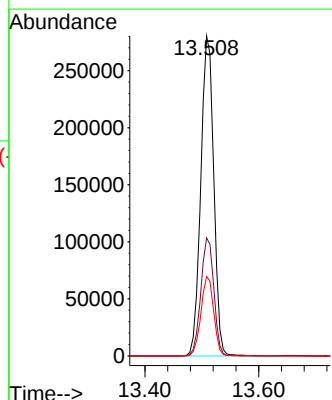
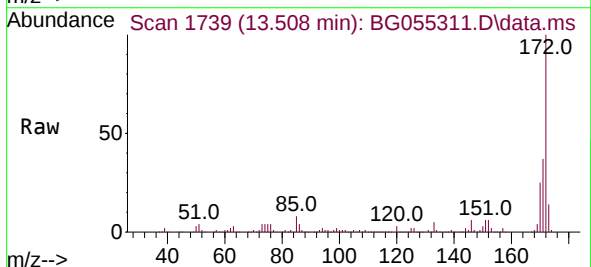
Instrument :
BNA_G
ClientSampleId :
SP-4

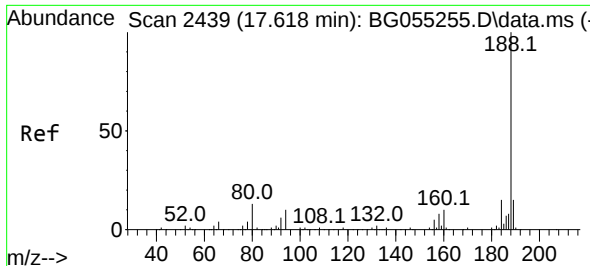
Tgt Ion:330 Resp: 128159
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 35.6 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 73.052 ng
RT: 13.508 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:172 Resp: 442117
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.8 20.2 30.2

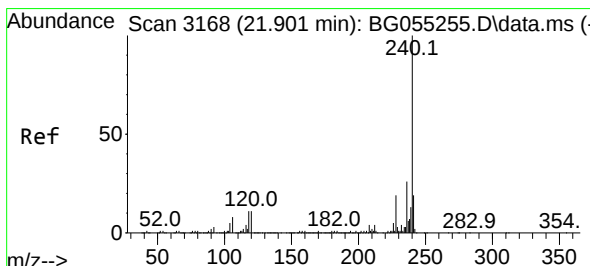
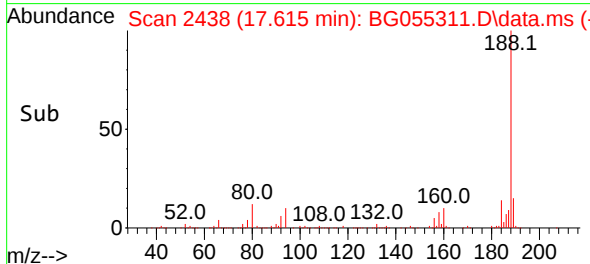
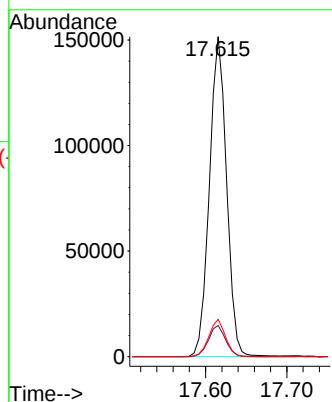
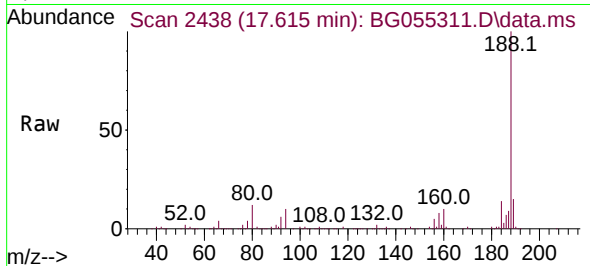




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

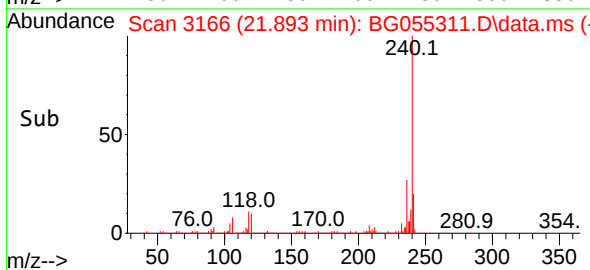
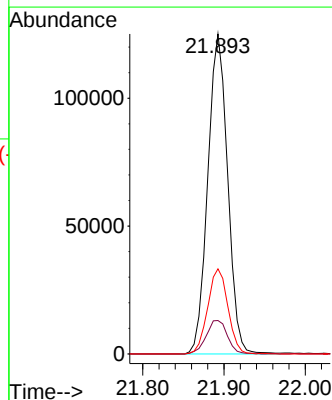
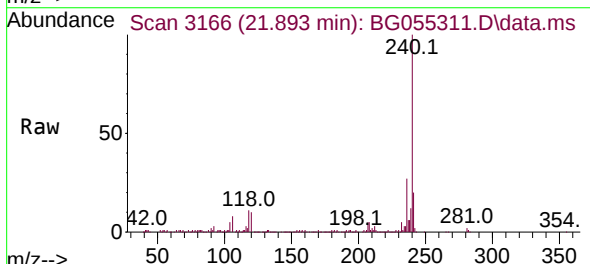
Instrument :
BNA_G
ClientSampleId :
SP-4

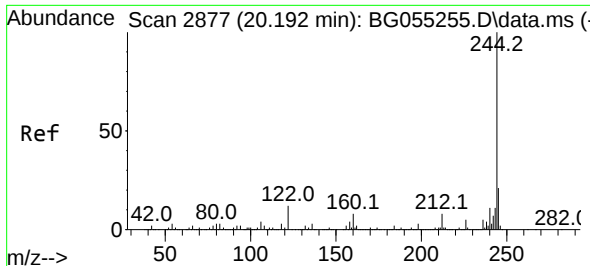
Tgt Ion:188 Resp: 222743
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.6 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:240 Resp: 212796
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.6 21.0 31.4

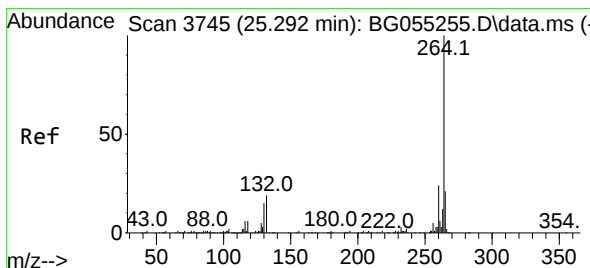
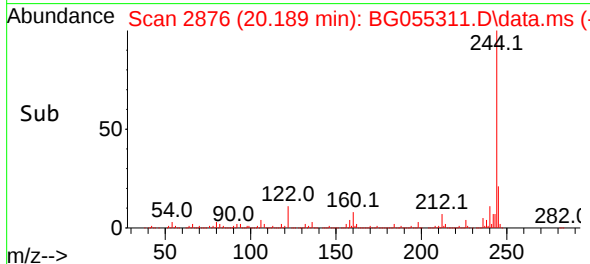
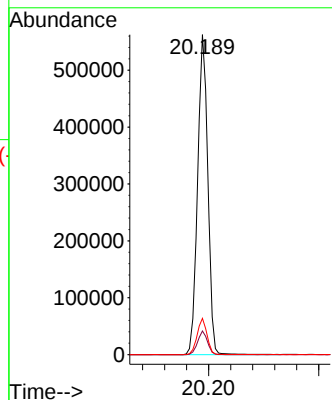
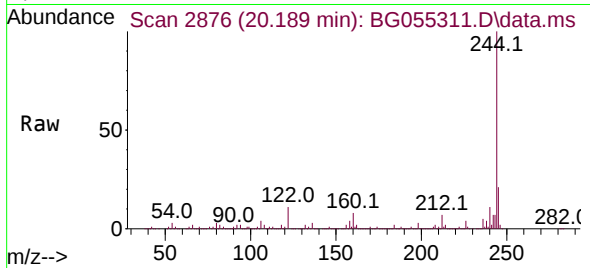




#79
 Terphenyl-d14
 Concen: 70.779 ng
 RT: 20.189 min Scan# 2876
 Delta R.T. -0.003 min
 Lab File: BG055311.D
 Acq: 26 Oct 2022 23:25

Instrument :
 BNA_G
 ClientSampleId :
 SP-4

Tgt Ion:244 Resp: 724918
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.289 min Scan# 3744
 Delta R.T. -0.003 min
 Lab File: BG055311.D
 Acq: 26 Oct 2022 23:25

Tgt Ion:264 Resp: 227498
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 17.4 26.2

