

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055303.D
 Acq On : 26 Oct 2022 17:44
 Operator : CG/JU
 Sample : N5265-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11976

Quant Time: Oct 27 10:38:04 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)

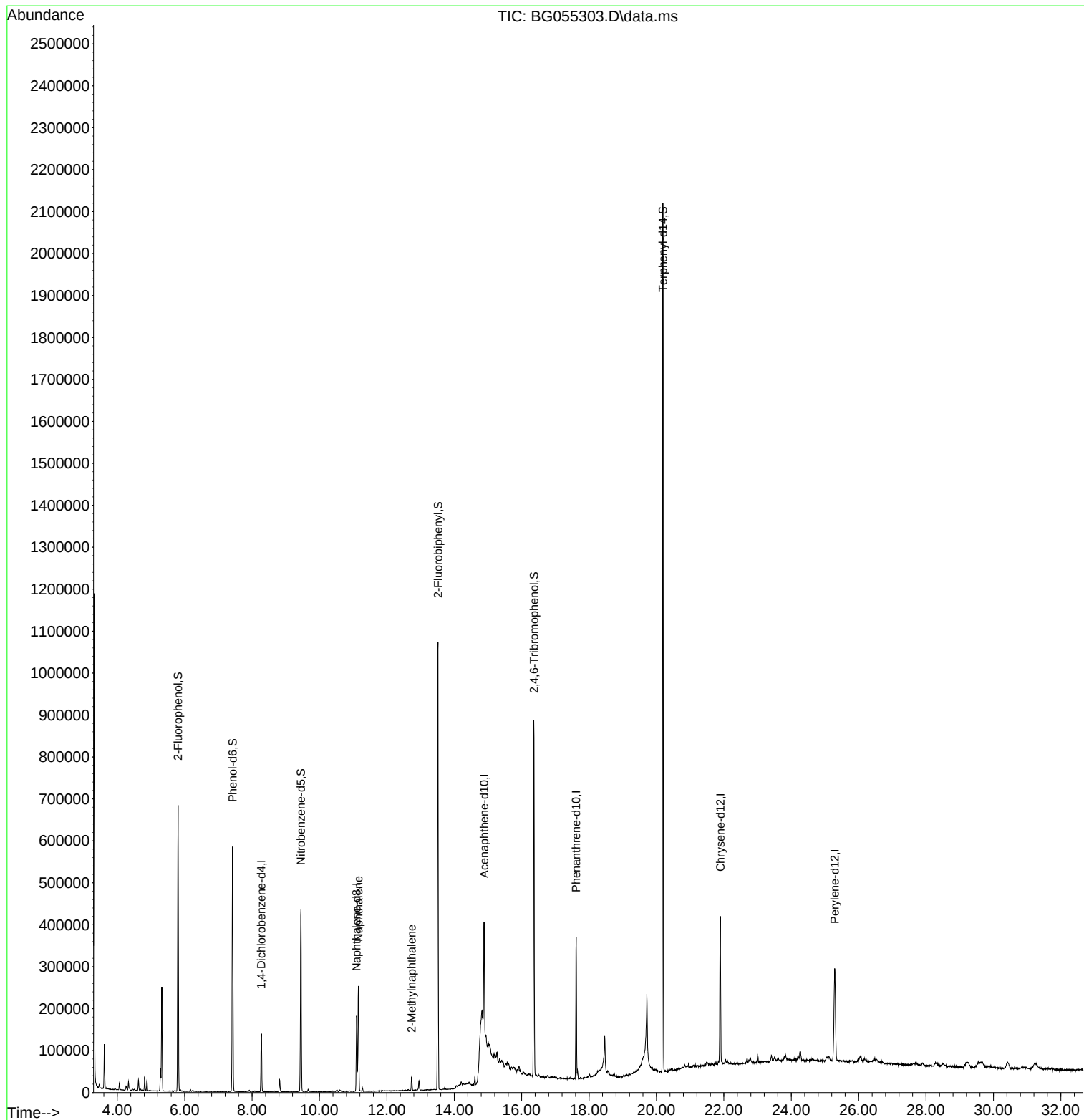
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	39152	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	155259	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	90492	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	209588	20.000	ng	0.00
76) Chrysene-d12	21.895	240	221956	20.000	ng	0.00
86) Perylene-d12	25.291	264	232001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	297836	133.199	ng	0.01
7) Phenol-d6	7.424	99	357210	110.268	ng	0.01
23) Nitrobenzene-d5	9.451	82	275394	90.575	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	163934	166.646	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	551828	99.811	ng	0.00
79) Terphenyl-d14	20.192	244	984570	92.164	ng	0.00
Target Compounds						
31) Naphthalene	11.155	128	208714	25.199	ng	Qvalue 100
37) 2-Methylnaphthalene	12.736	142	14445	2.419	ng	97

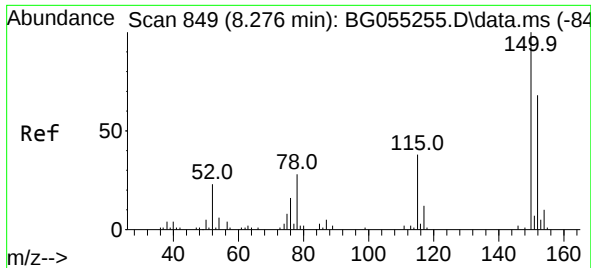
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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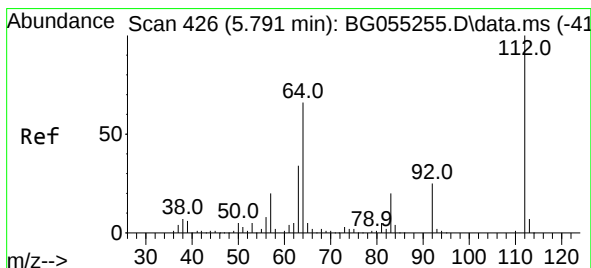
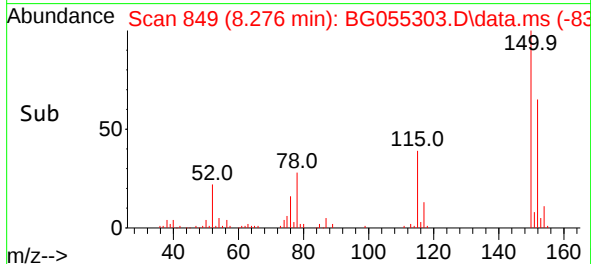
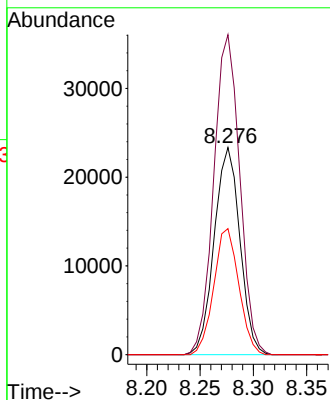
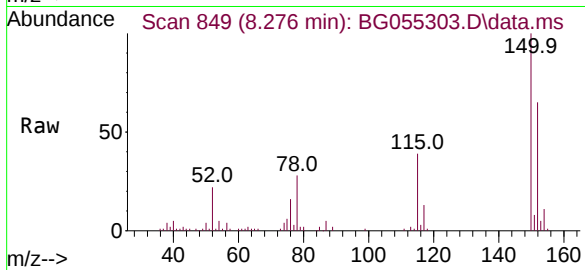




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

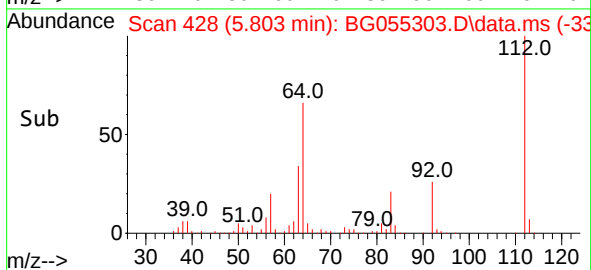
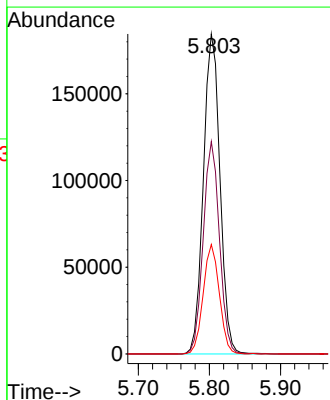
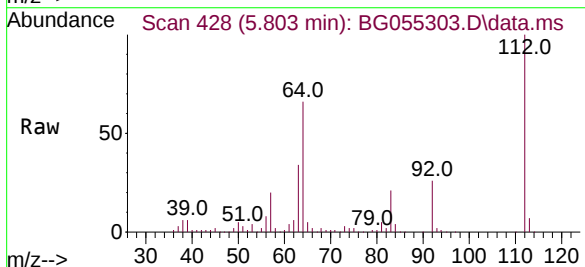
Instrument :
BNA_G
ClientSampleId :
72-11976

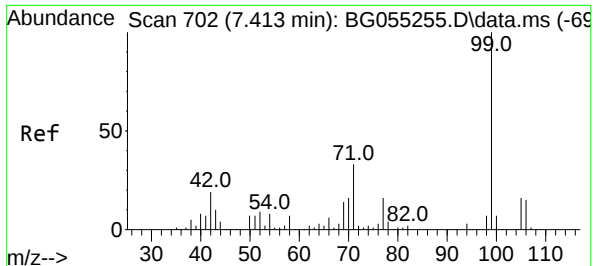
Tgt Ion:152 Resp: 39152
Ion Ratio Lower Upper
152 100
150 154.5 118.2 177.4
115 60.8 44.5 66.7



#5
2-Fluorophenol
Concen: 133.199 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

Tgt Ion:112 Resp: 297836
Ion Ratio Lower Upper
112 100
64 66.3 52.6 78.8
63 34.2 27.1 40.7

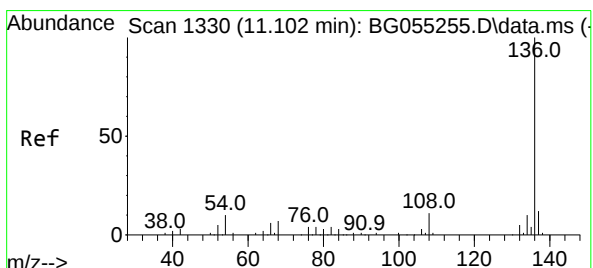
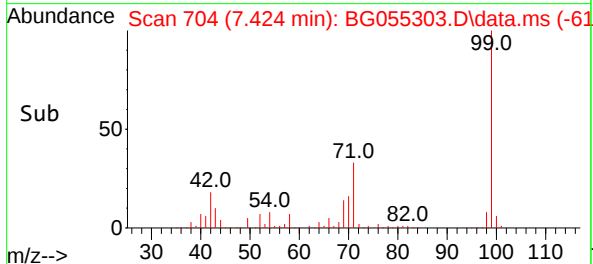
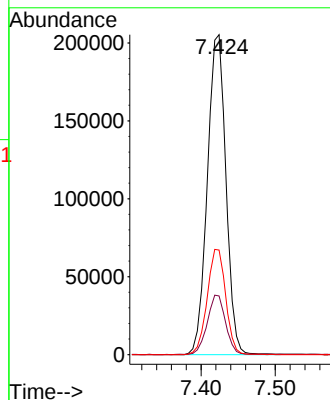
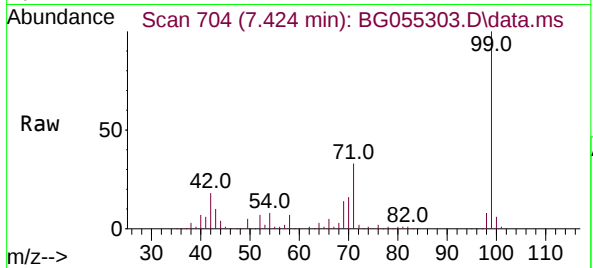




#7
Phenol-d6
Concen: 110.268 ng
RT: 7.424 min Scan# 702
Delta R.T. 0.012 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

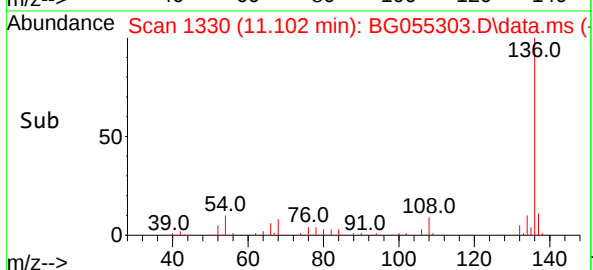
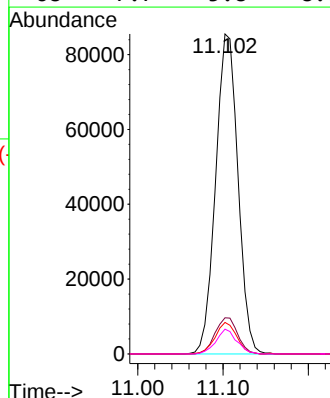
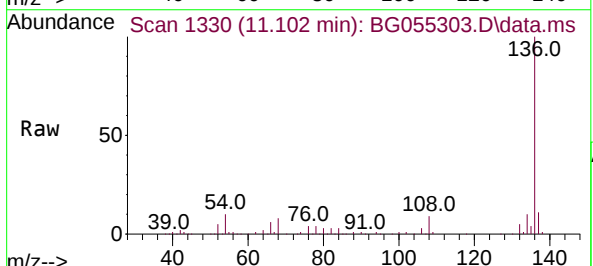
Instrument :
BNA_G
ClientSampleId :
72-11976

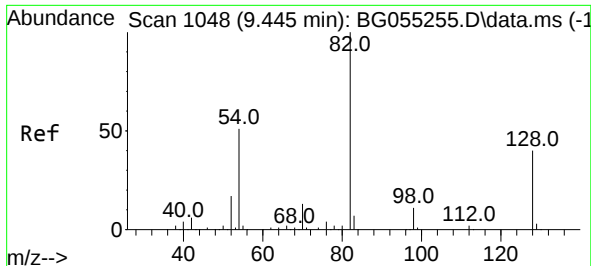
Tgt Ion: 99 Resp: 357210
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 32.7 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

Tgt Ion: 136 Resp: 155259
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.8 7.8 11.8
68 7.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 90.575 ng

RT: 9.451 min Scan# 1048

Delta R.T. 0.006 min

Lab File: BG055303.D

Acq: 26 Oct 2022 17:44

Instrument :

BNA_G

ClientSampleId :

72-11976

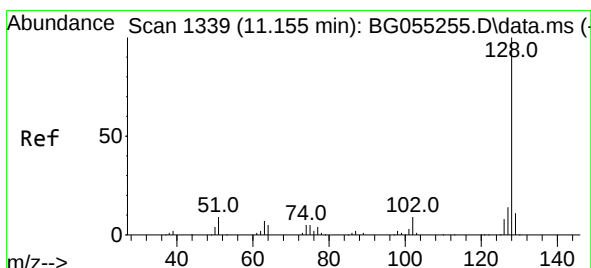
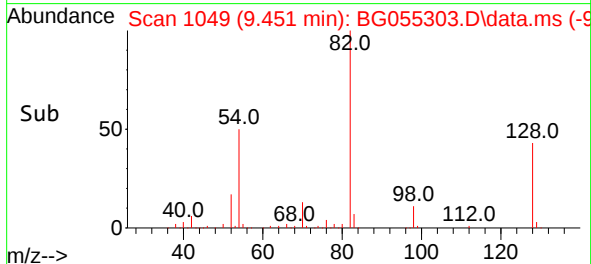
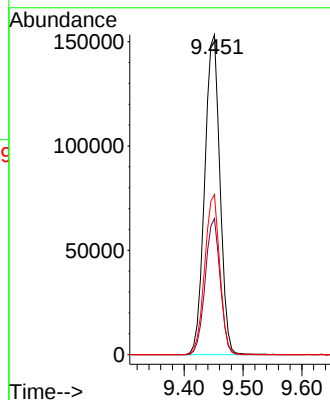
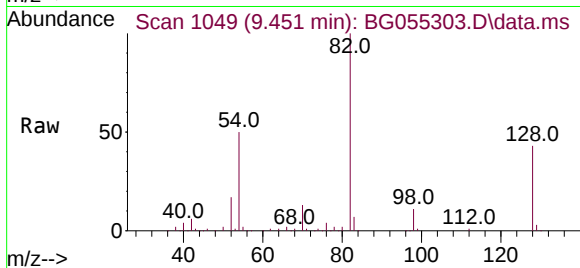
Tgt Ion: 82 Resp: 275394

Ion Ratio Lower Upper

82 100

128 42.5 32.0 48.0

54 50.0 40.9 61.3



#31

Naphthalene

Concen: 25.199 ng

RT: 11.155 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BG055303.D

Acq: 26 Oct 2022 17:44

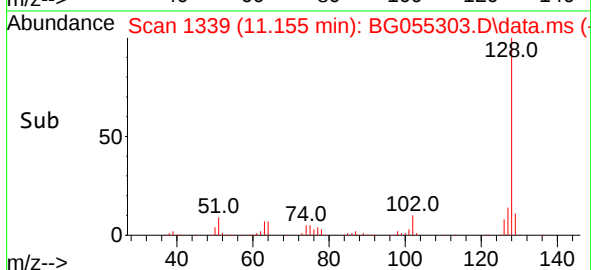
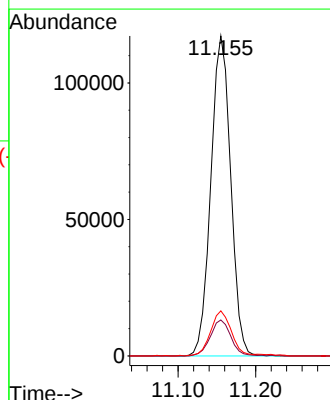
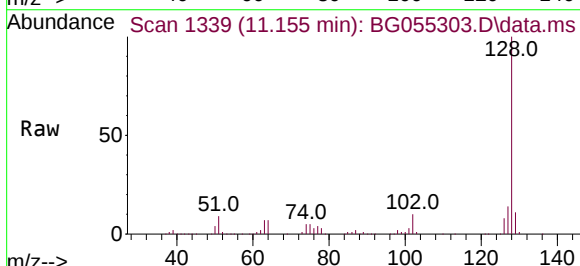
Tgt Ion:128 Resp: 208714

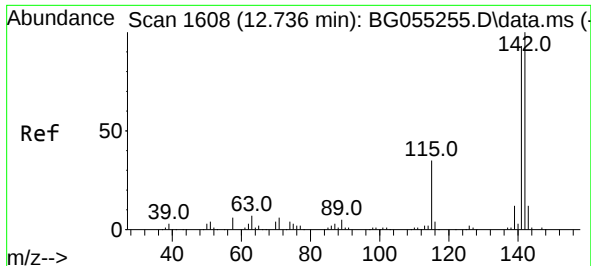
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 14.1 11.1 16.7

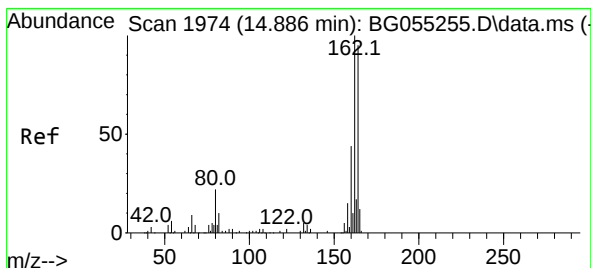
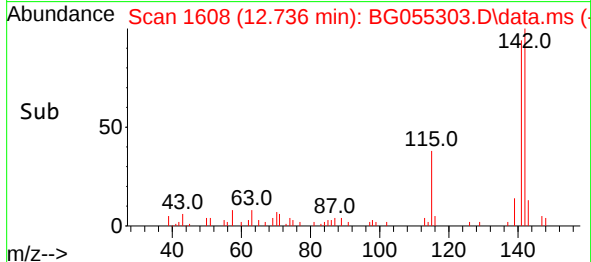
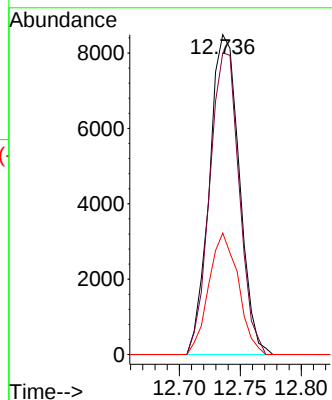
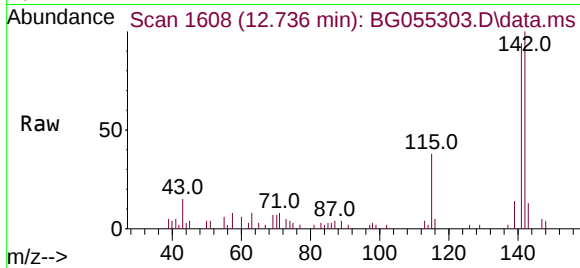




#37
2-Methylnaphthalene
Concen: 2.419 ng
RT: 12.736 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

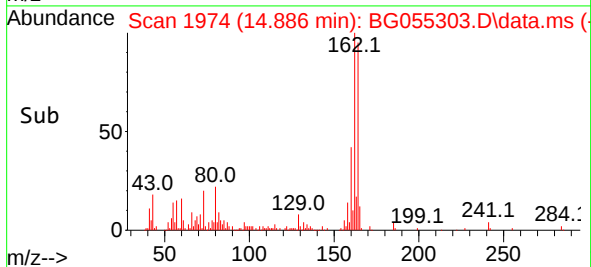
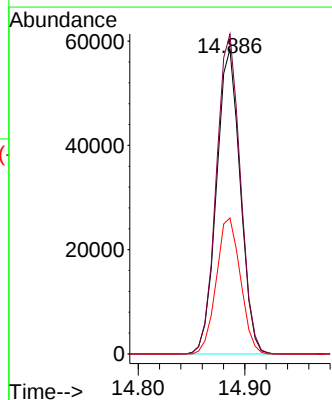
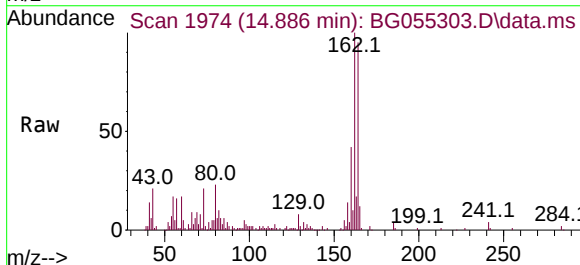
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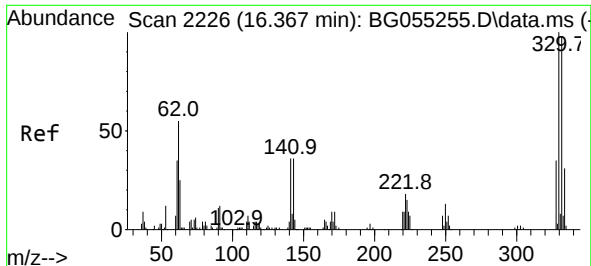
Tgt Ion:	142	Resp:	14445
Ion Ratio	Lower	Upper	
142	100		
141	94.3	74.0	111.0
115	38.0	28.3	42.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

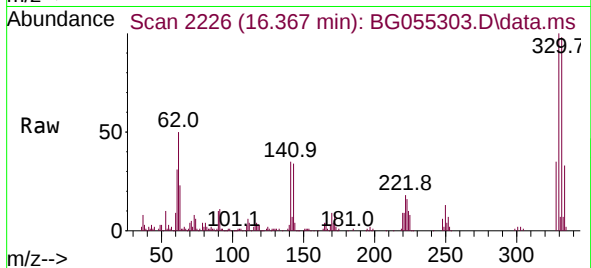
Tgt Ion:	164	Resp:	90492
Ion Ratio	Lower	Upper	
164	100		
162	105.0	84.0	126.0
160	44.6	36.7	55.1



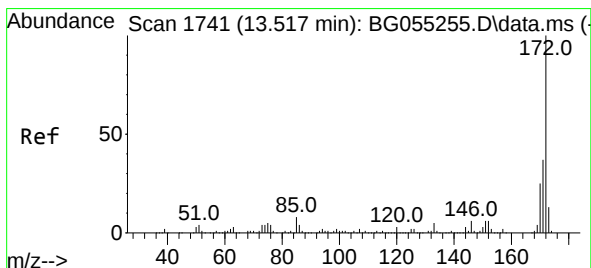
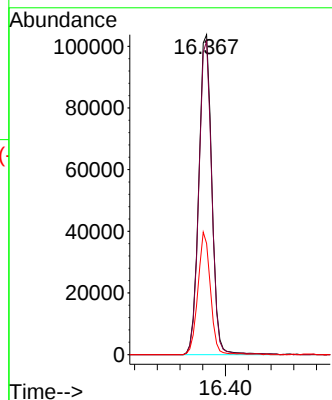
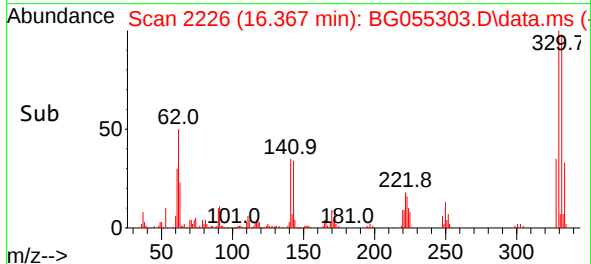


#42
2,4,6-Tribromophenol
Concen: 166.646 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

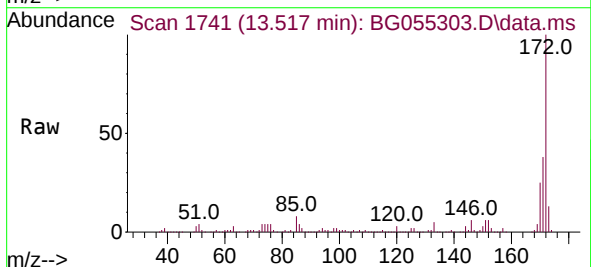
Instrument :
BNA_G
ClientSampleId :
72-11976



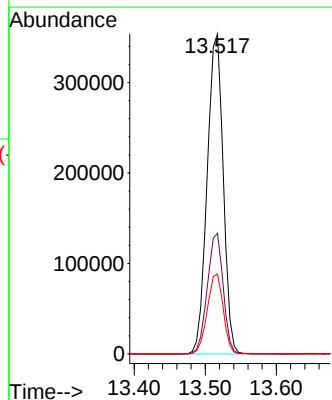
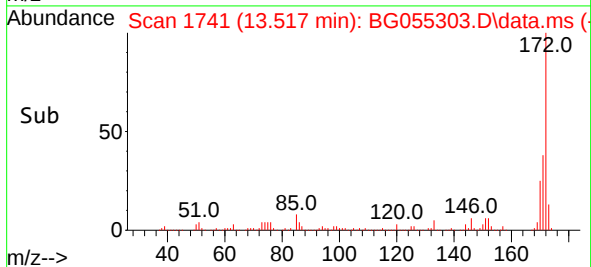
Tgt Ion:330 Resp: 163934
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 36.7 29.8 44.8

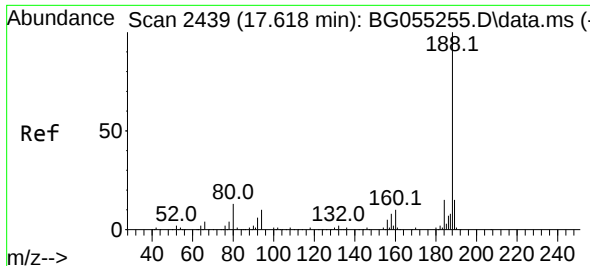


#45
2-Fluorobiphenyl
Concen: 99.811 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44



Tgt Ion:172 Resp: 551828
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 24.9 20.2 30.2

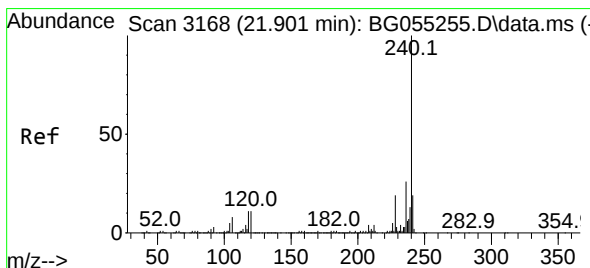
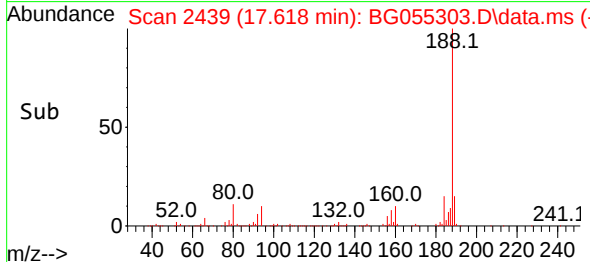
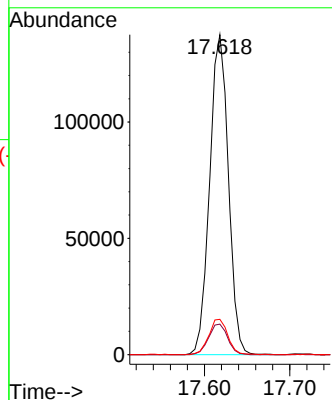
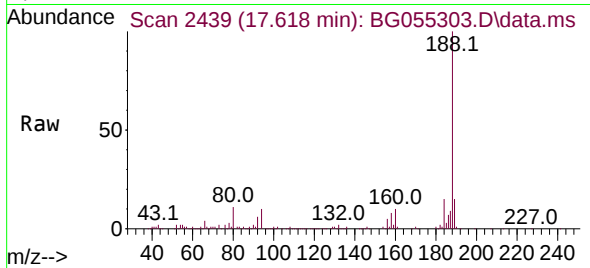




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

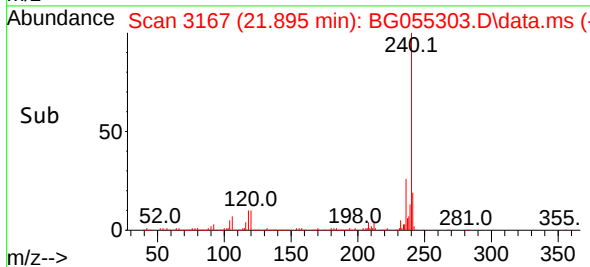
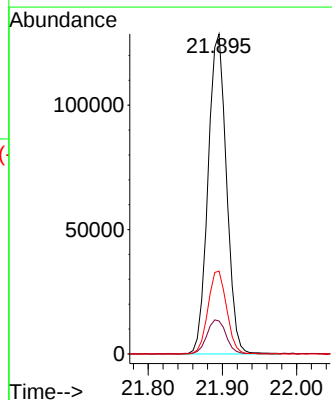
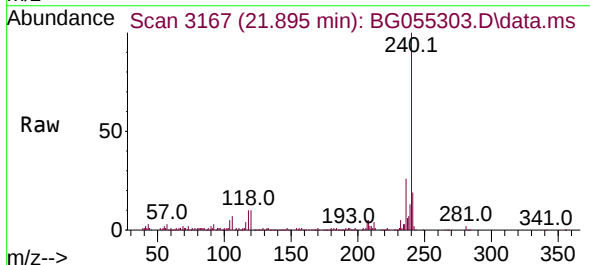
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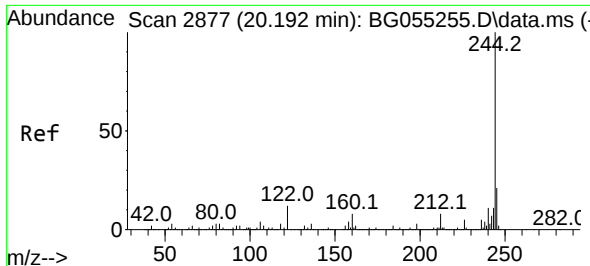
Tgt Ion:188 Resp: 209588
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 11.0 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055303.D
Acq: 26 Oct 2022 17:44

Tgt Ion:240 Resp: 221956
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 21.0 31.4

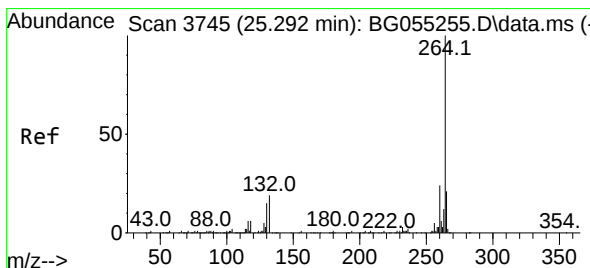
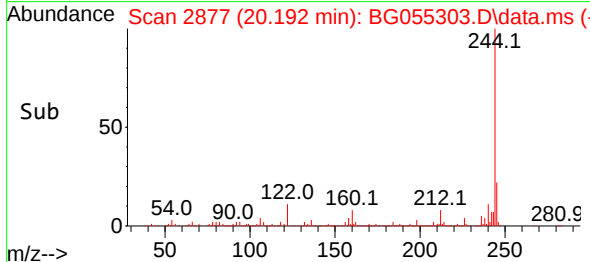
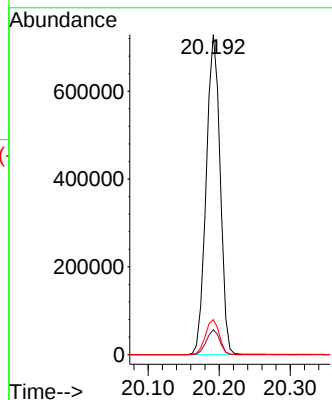
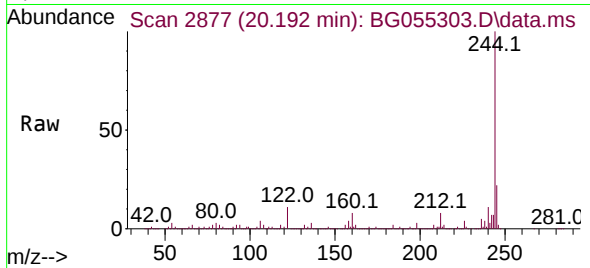




#79
 Terphenyl-d14
 Concen: 92.164 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055303.D
 Acq: 26 Oct 2022 17:44

Instrument :
 BNA_G
 ClientSampleId :
 72-11976

Tgt Ion:244 Resp: 984570
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 10.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3745
 Delta R.T. -0.000 min
 Lab File: BG055303.D
 Acq: 26 Oct 2022 17:44

Tgt Ion:264 Resp: 232001
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 17.4 26.2

