

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056154.D
 Acq On : 29 Dec 2022 14:49
 Operator : CG/JU
 Sample : N6232-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 30 04:05:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

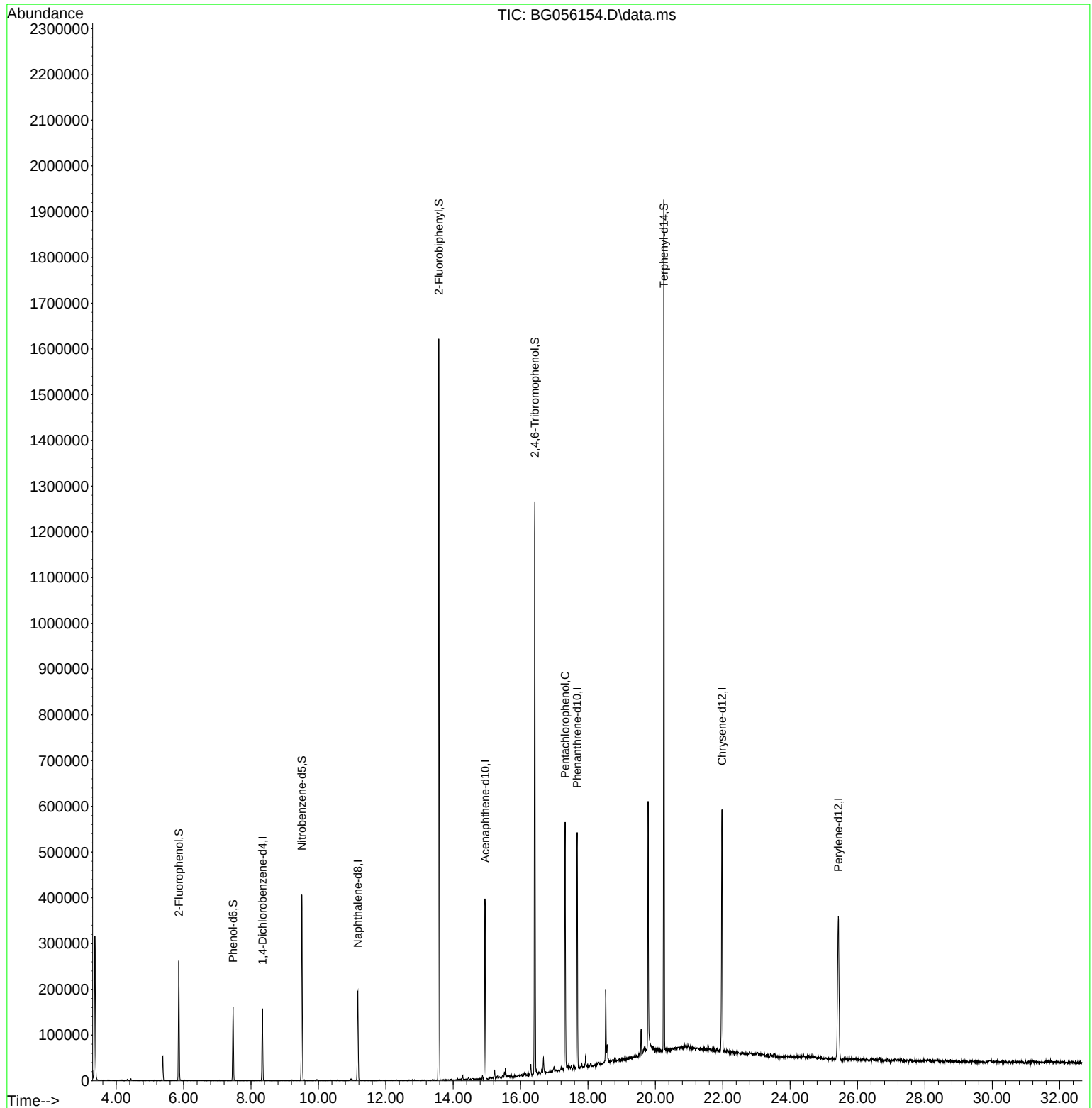
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	52221	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	184056	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	149825	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	370135	20.000	ng	0.00
76) Chrysene-d12	21.975	240	361636	20.000	ng	0.00
86) Perylene-d12	25.429	264	396516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	150040	51.300	ng	0.00
7) Phenol-d6	7.468	99	125858	28.021	ng	0.00
23) Nitrobenzene-d5	9.507	82	287639	79.939	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	254186	133.958	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	916696	84.489	ng	0.00
79) Terphenyl-d14	20.253	244	1002170	49.634	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.321	266	120680	35.726	ng	Qvalue 97

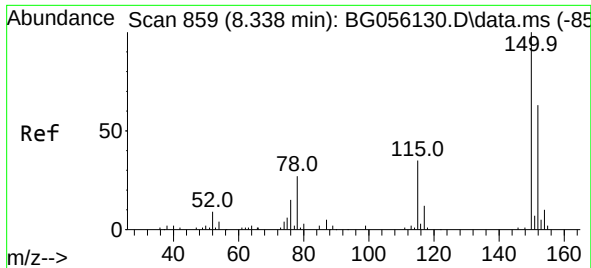
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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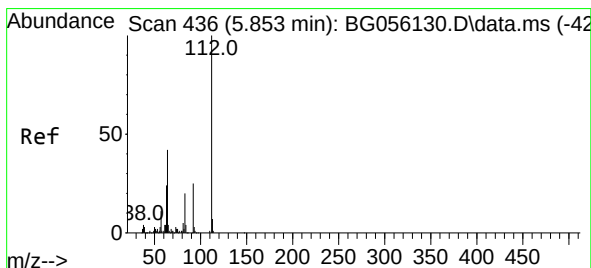
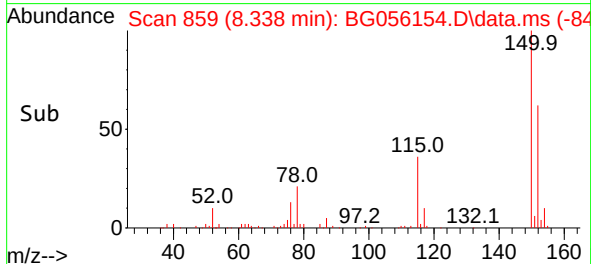
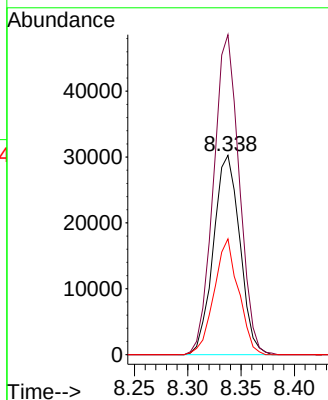
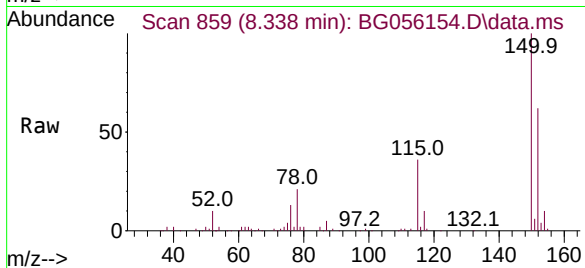




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 859
 Delta R.T. -0.000 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

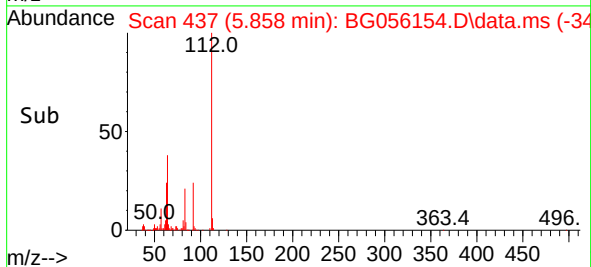
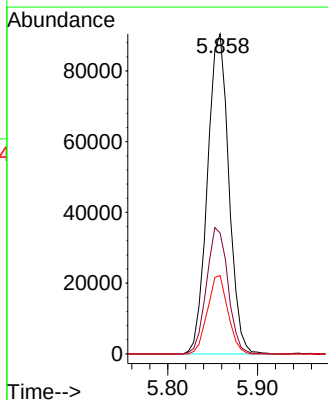
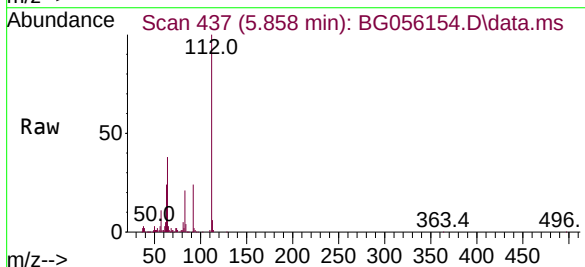
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

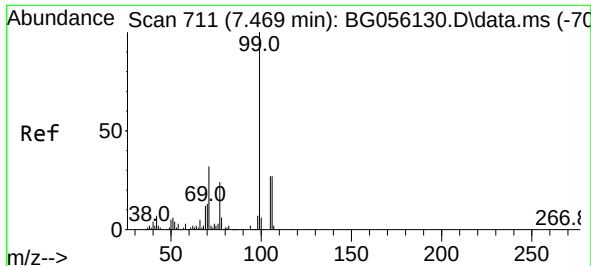
Tgt Ion:152 Resp: 52221
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.9 191.9
 115 58.1 44.2 66.2



#5
 2-Fluorophenol
 Concen: 51.300 ng
 RT: 5.858 min Scan# 437
 Delta R.T. 0.005 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

Tgt Ion:112 Resp: 150040
 Ion Ratio Lower Upper
 112 100
 64 37.8 33.3 49.9
 63 24.5 19.0 28.4

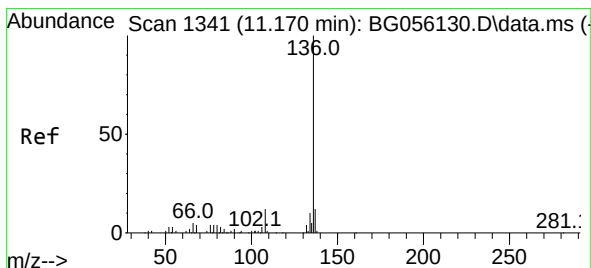
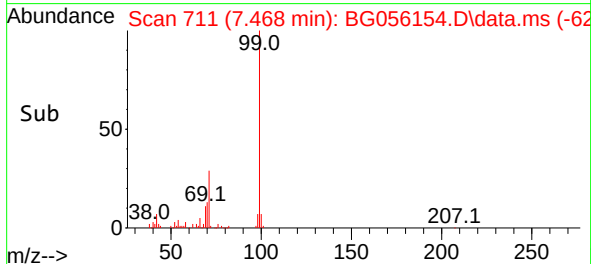
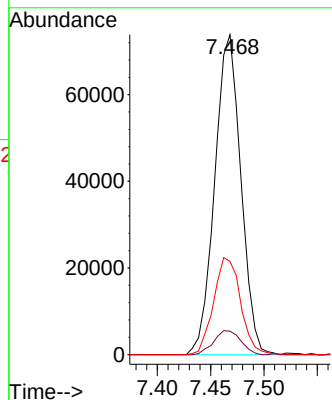
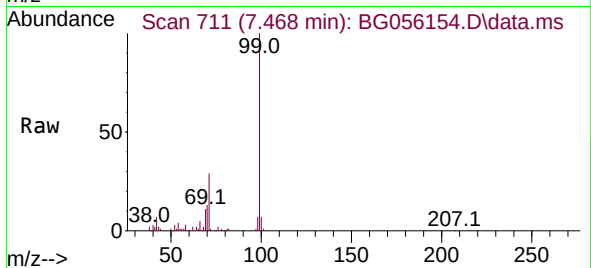




#7
Phenol-d6
Concen: 28.021 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

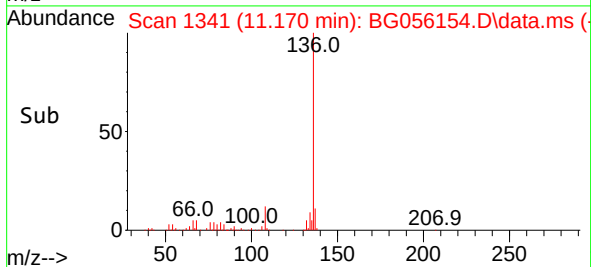
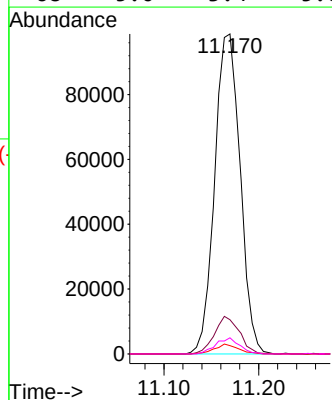
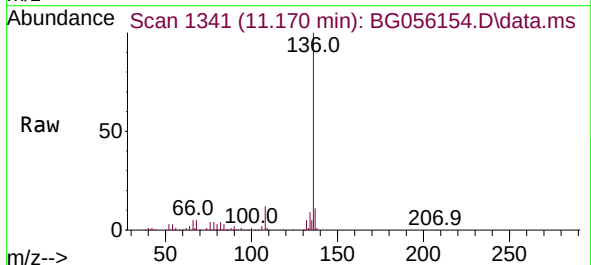
Instrument :
BNA_G
ClientSampleId :
MW-1

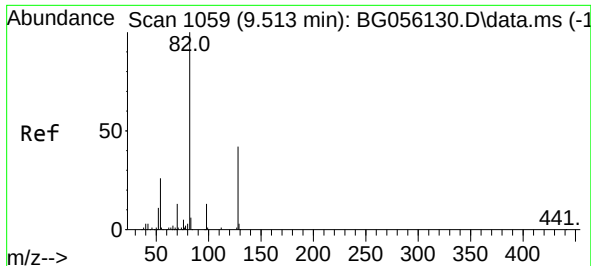
Tgt Ion: 99 Resp: 125858
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:136 Resp: 184056
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.6 2.2 3.2
68 5.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 79.939 ng

RT: 9.507 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BG056154.D

Acq: 29 Dec 2022 14:49

Instrument :

BNA_G

ClientSampleId :

MW-1

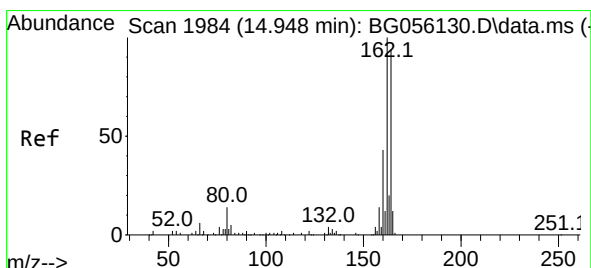
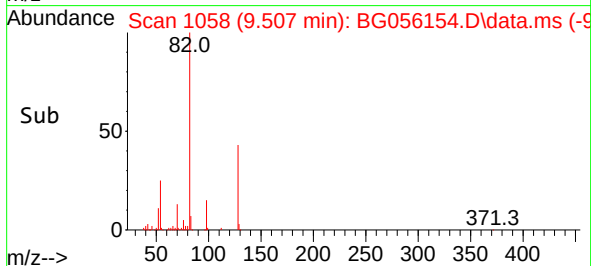
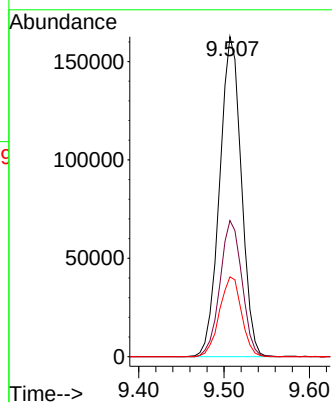
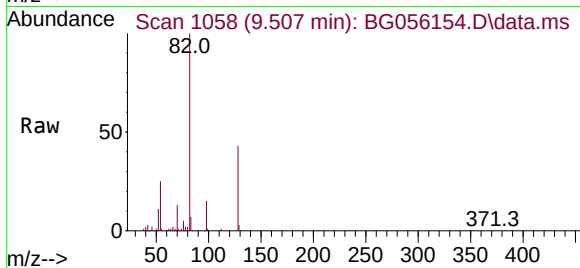
Tgt Ion: 82 Resp: 287639

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.2

54 24.9 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056154.D

Acq: 29 Dec 2022 14:49

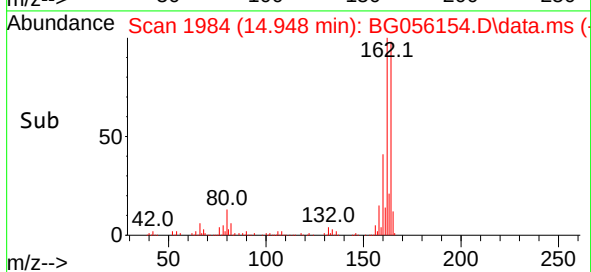
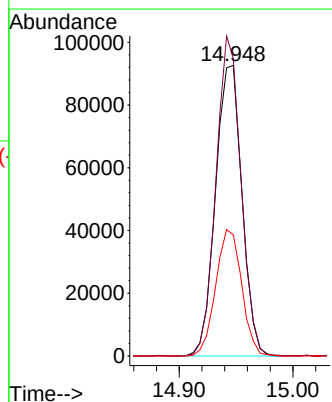
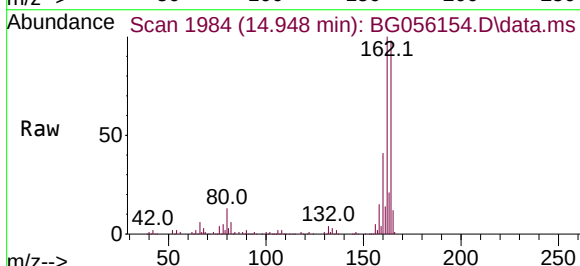
Tgt Ion: 164 Resp: 149825

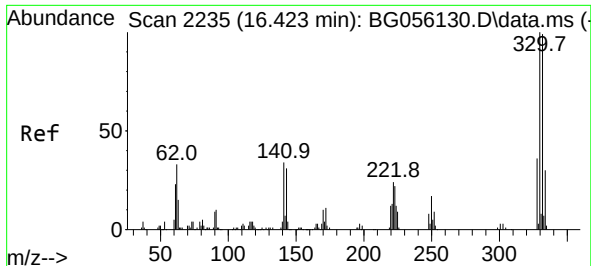
Ion Ratio Lower Upper

164 100

162 102.3 84.7 127.1

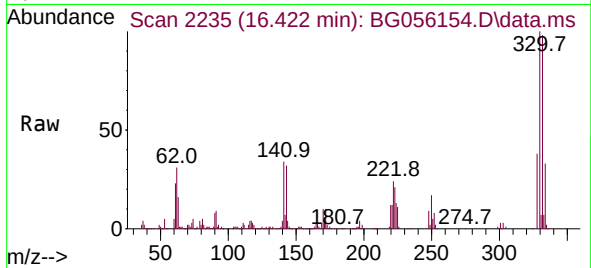
160 41.7 36.3 54.5



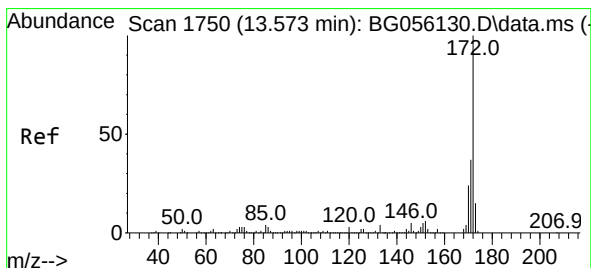
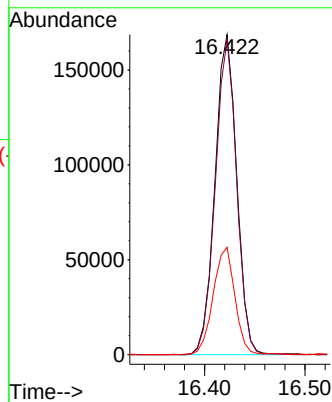
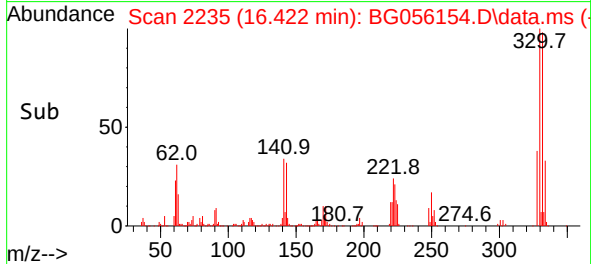


#42
2,4,6-Tribromophenol
Concen: 133.958 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

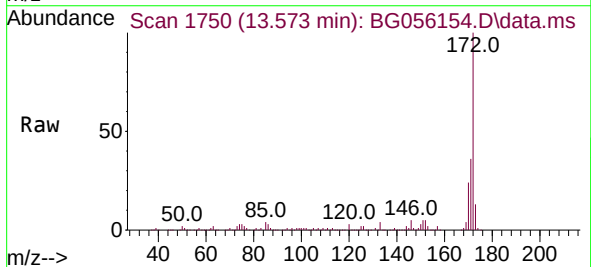
Instrument :
BNA_G
ClientSampleId :
MW-1



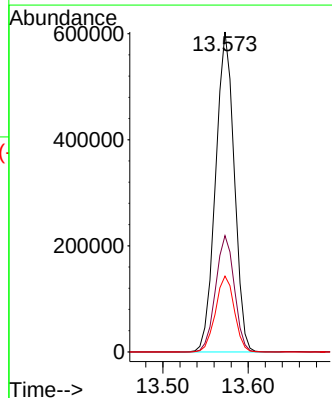
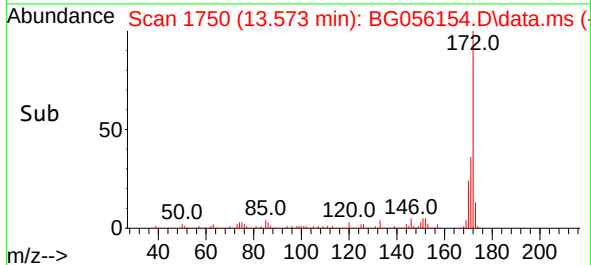
Tgt Ion:330 Resp: 254186
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.8 27.9 41.9

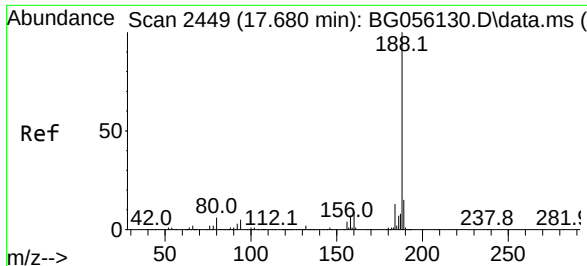


#45
2-Fluorobiphenyl
Concen: 84.489 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49



Tgt Ion:172 Resp: 916696
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.4 29.2

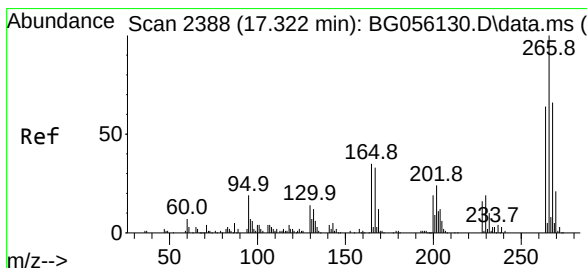
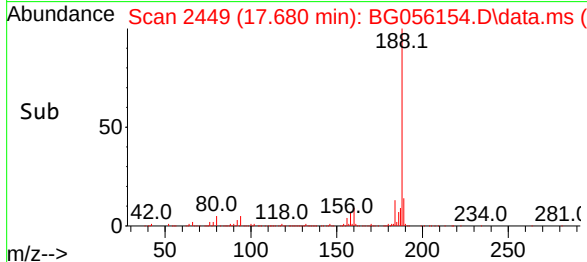
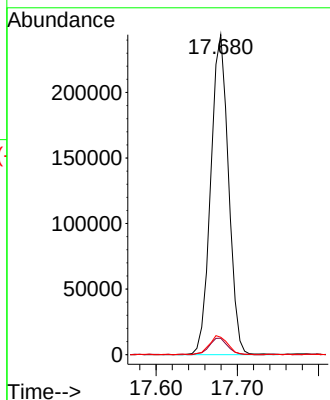
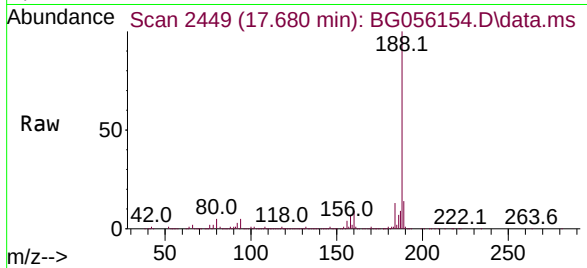




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

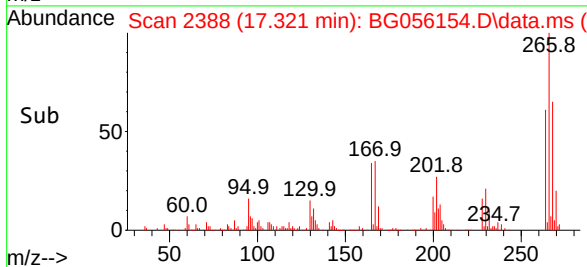
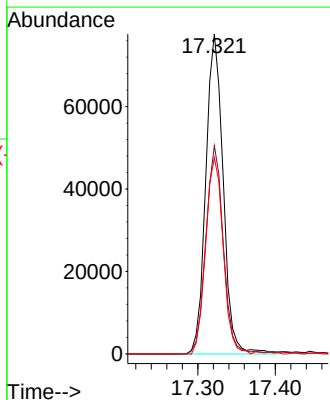
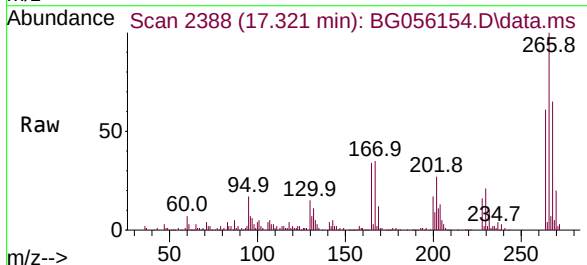
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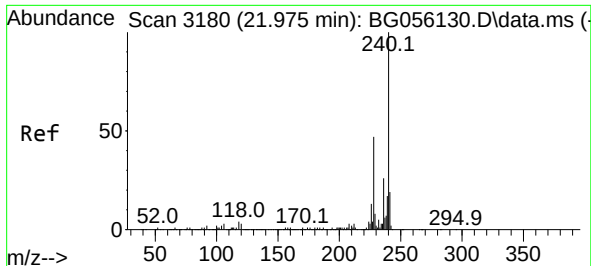
Tgt Ion:188	Resp:	370135
Ion Ratio	Lower	Upper
188	100	
94	5.1	4.2 6.2
80	5.4	5.0 7.4



#70
Pentachlorophenol
Concen: 35.726 ng
RT: 17.321 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:266	Resp:	120680
Ion Ratio	Lower	Upper
266	100	
268	65.0	53.0 79.4
264	61.3	51.4 77.2

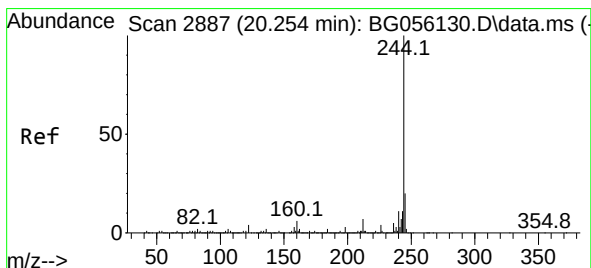
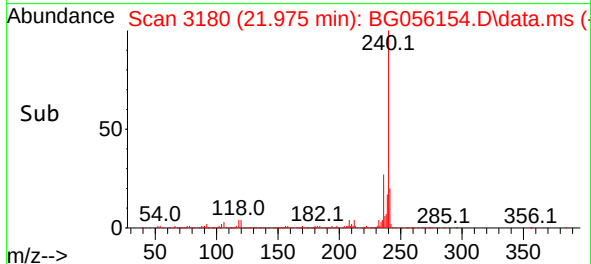
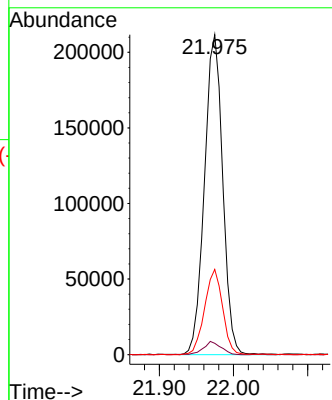
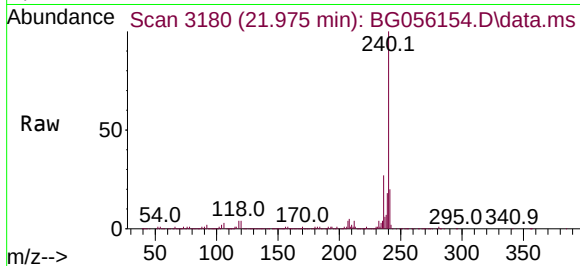




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

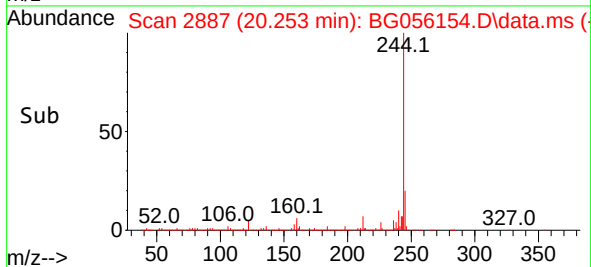
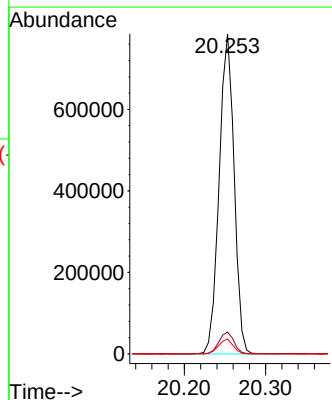
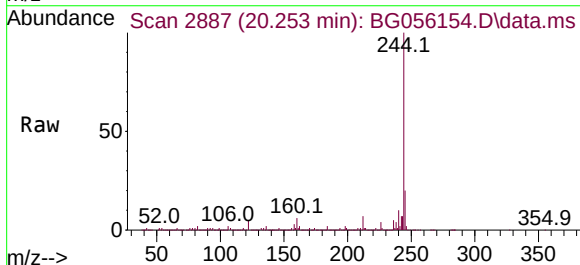
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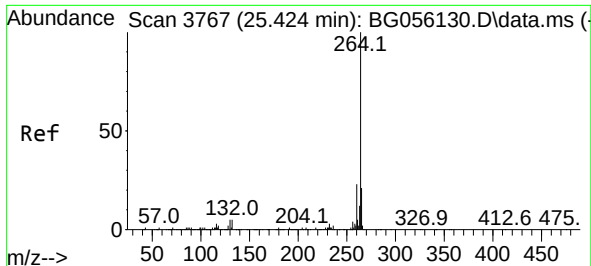
Tgt Ion:240 Resp: 361636
Ion Ratio Lower Upper
240 100
120 3.5 2.6 4.0
236 26.6 20.8 31.2



#79
Terphenyl-d14
Concen: 49.634 ng
RT: 20.253 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

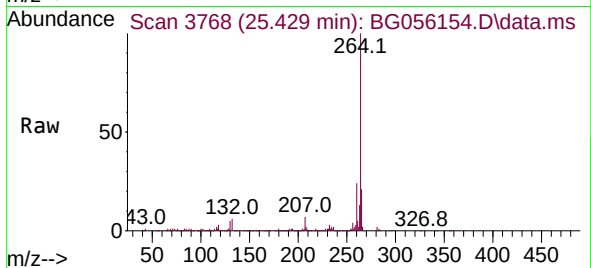
Tgt Ion:244 Resp: 1002170
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 4.7 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.429 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-1



Tgt Ion:264 Resp: 396516
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 20.8 16.7 25.1

