

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055580.D
 Acq On : 12 Nov 2022 00:26
 Operator : CG/JU
 Sample : N5509-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 12 01:28:05 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	8.277	152	68254	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	273363	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	180662	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	376764	20.000	ng	0.00
76) Chrysene-d12	21.932	240	336864	20.000	ng	0.00
86) Perylene-d12	25.357	264	365345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	447785	124.961	ng	0.01
7) Phenol-d6	7.408	99	584322	118.048	ng	0.00
23) Nitrobenzene-d5	9.446	82	370799	91.955	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	259575	147.258	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	821974	68.629	ng	0.00
79) Terphenyl-d14	20.216	244	1113884	66.416	ng	0.00

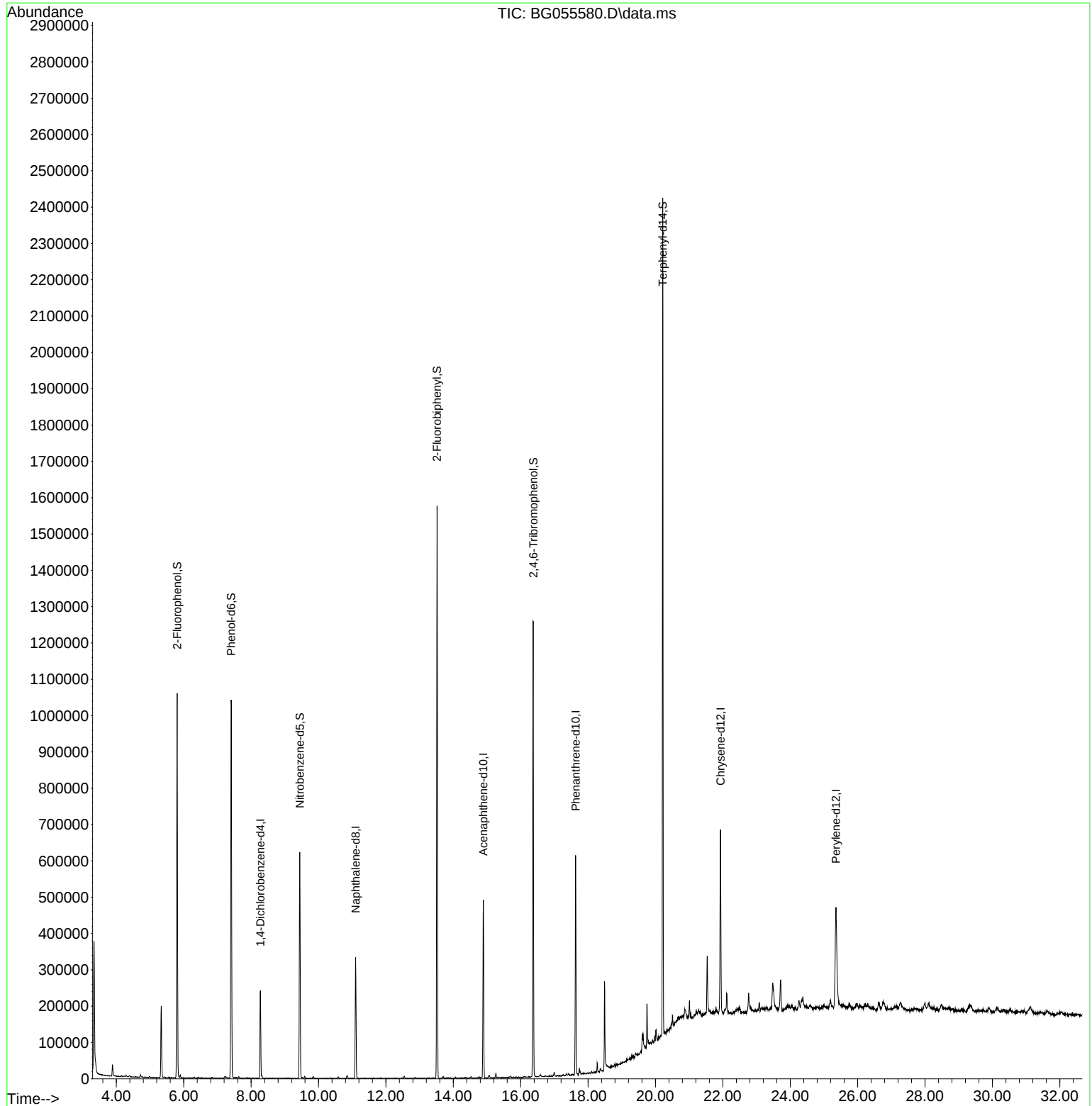
Target Compounds	Qvalue

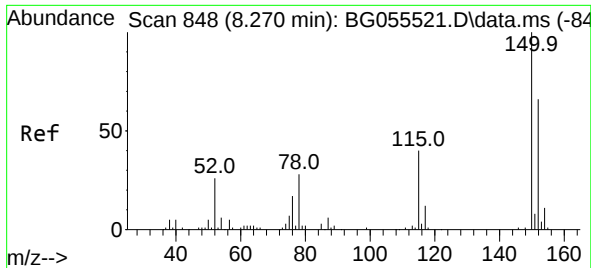
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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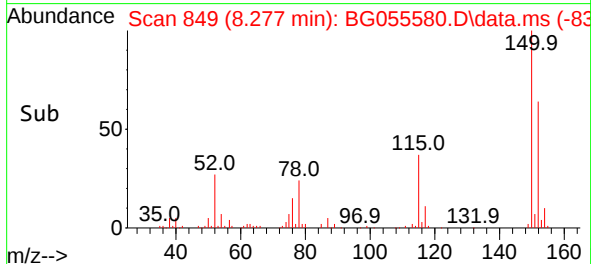
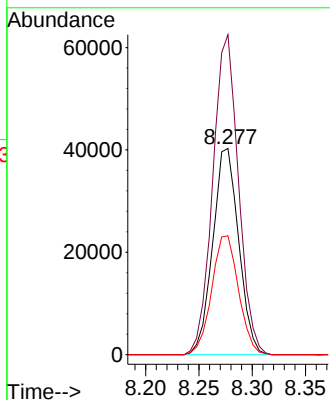
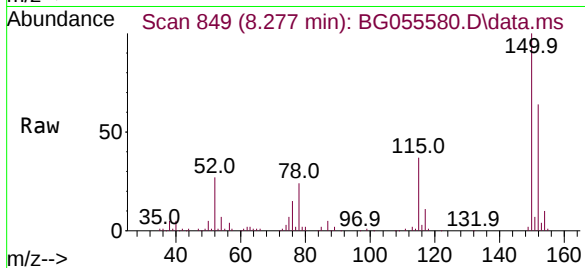




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

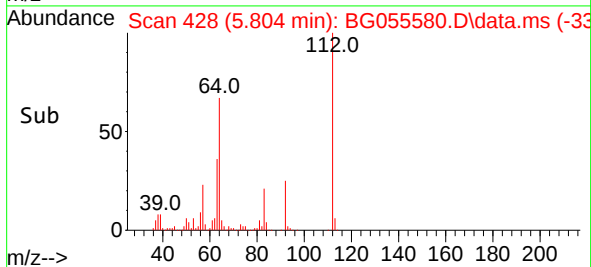
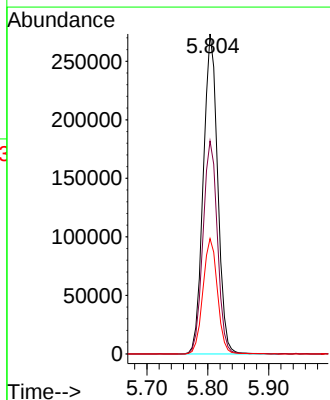
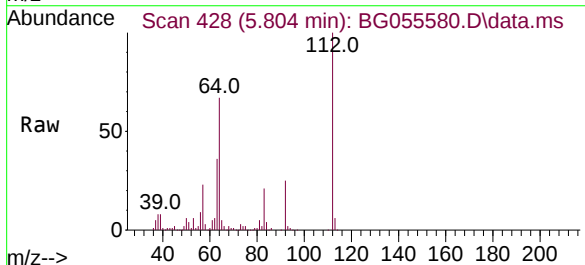
Instrument :
BNA_G
ClientSampleId :
TP-7

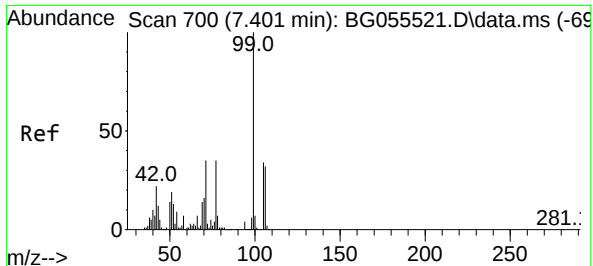
Tgt Ion:152 Resp: 68254
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 57.6 47.8 71.8



#5
2-Fluorophenol
Concen: 124.961 ng
RT: 5.804 min Scan# 428
Delta R.T. 0.013 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:112 Resp: 447785
Ion Ratio Lower Upper
112 100
64 66.5 52.6 78.8
63 36.0 28.3 42.5



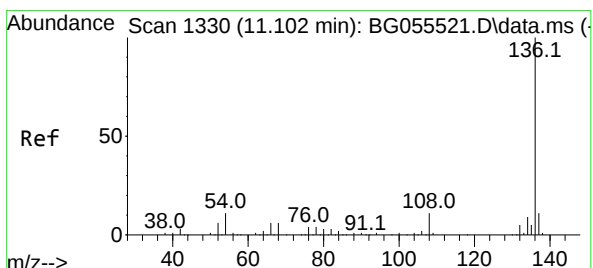
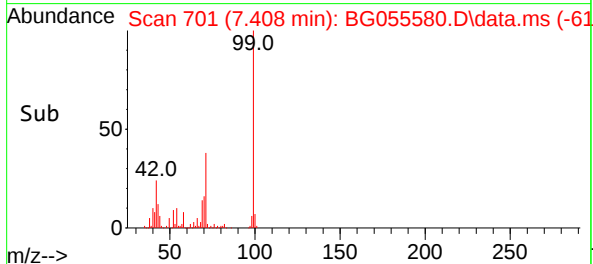
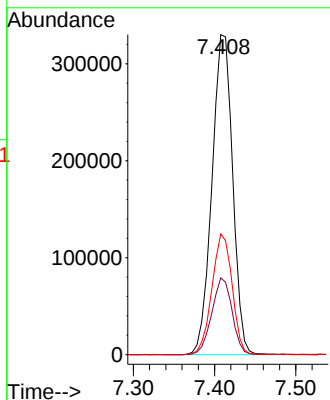
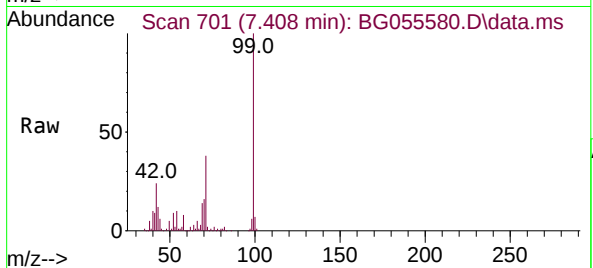


#7
Phenol-d6
Concen: 118.048 ng
RT: 7.408 min Scan# 700
Delta R.T. 0.007 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 584322

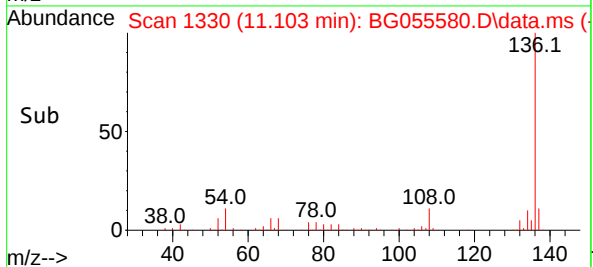
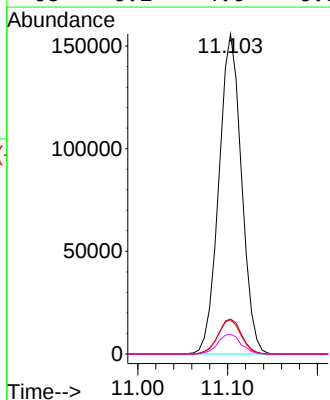
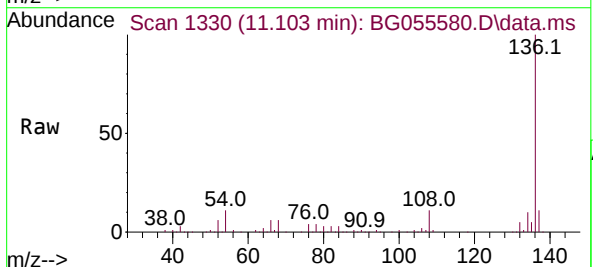
Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.5	26.3
71	37.7	28.3	42.5

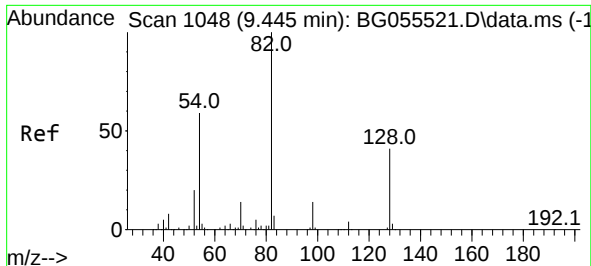


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion: 136 Resp: 273363

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.6	8.6	12.8
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 91.955 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.001 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7

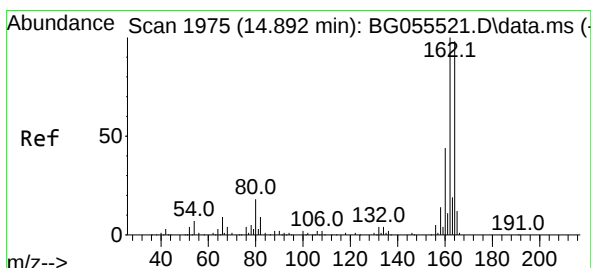
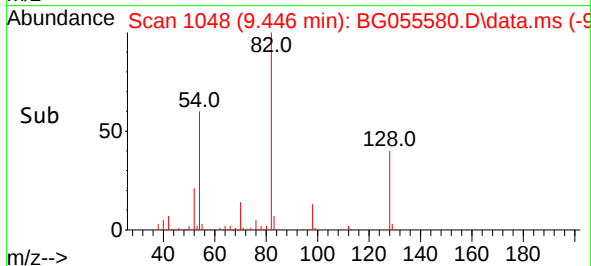
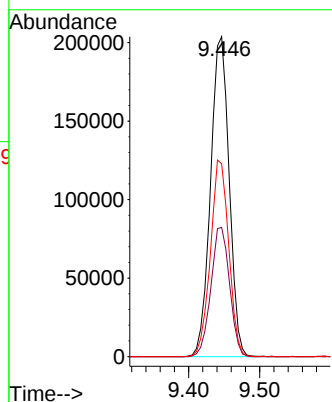
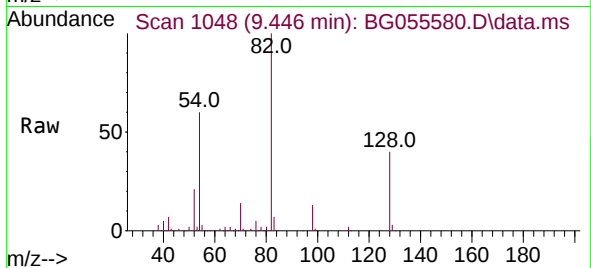
Tgt Ion: 82 Resp: 370799

Ion Ratio Lower Upper

82 100

128 40.4 32.6 49.0

54 60.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.893 min Scan# 1975

Delta R.T. 0.001 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

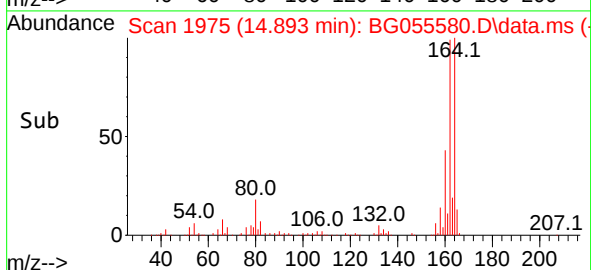
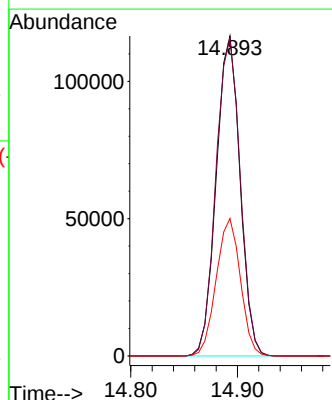
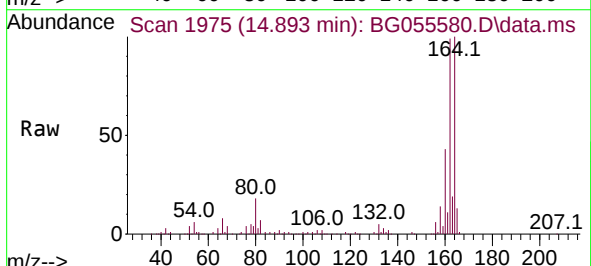
Tgt Ion: 164 Resp: 180662

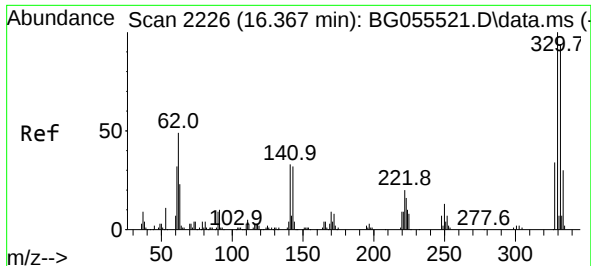
Ion Ratio Lower Upper

164 100

162 99.3 81.3 121.9

160 42.9 35.9 53.9

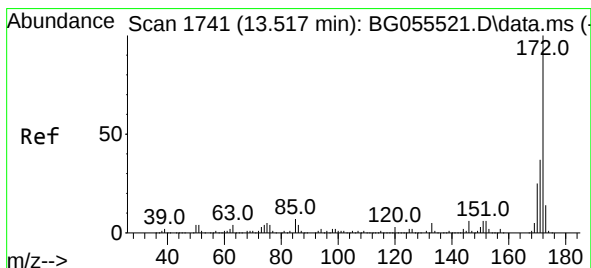
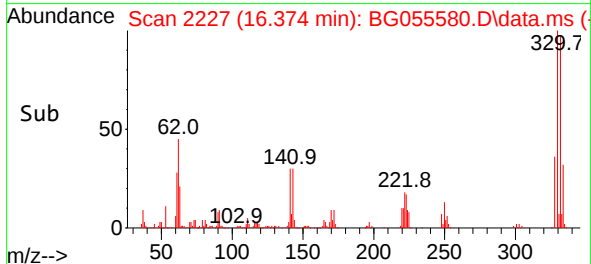
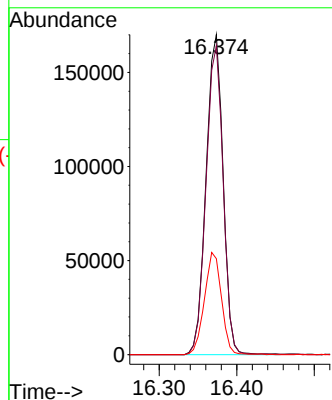
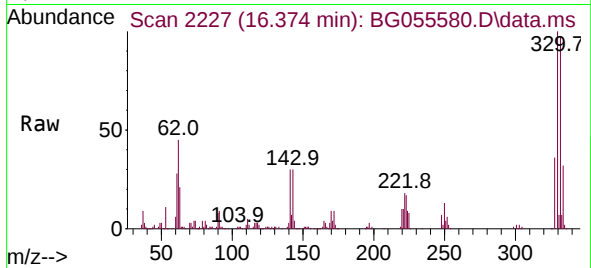




#42
2,4,6-Tribromophenol
Concen: 147.258 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

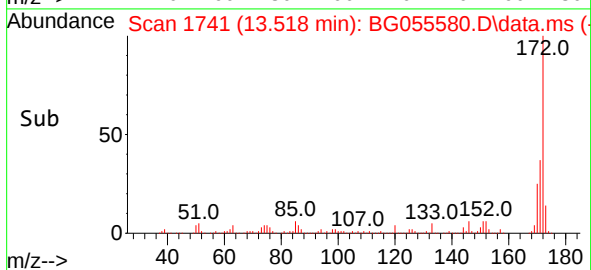
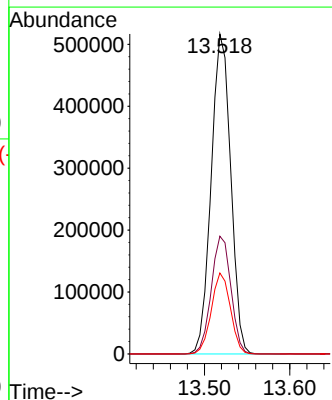
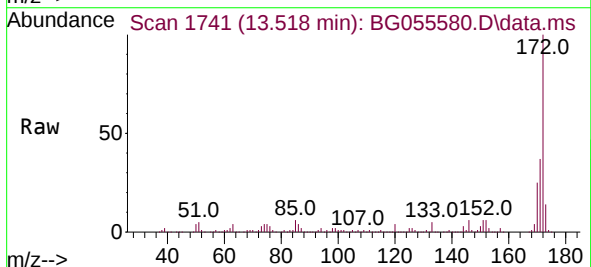
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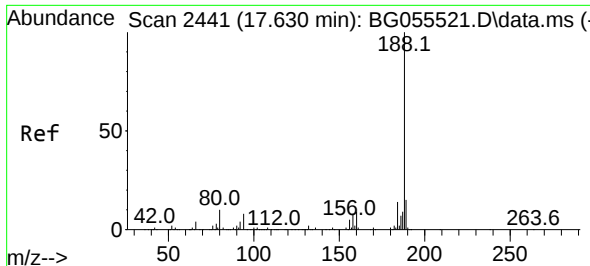
Tgt Ion:330 Resp: 259575
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 68.629 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:172 Resp: 821974
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 25.3 19.8 29.6

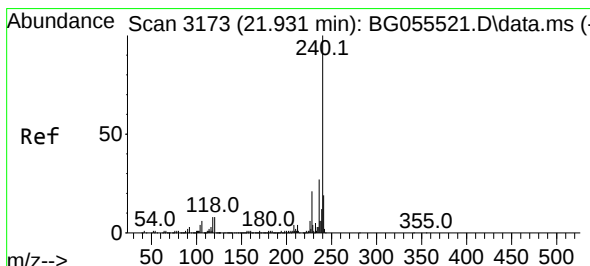
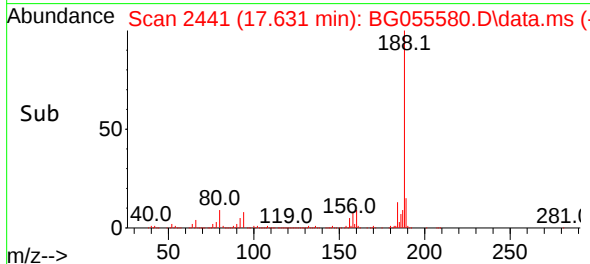
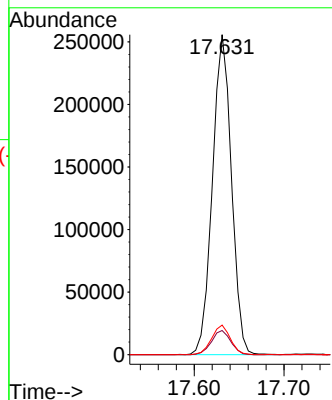
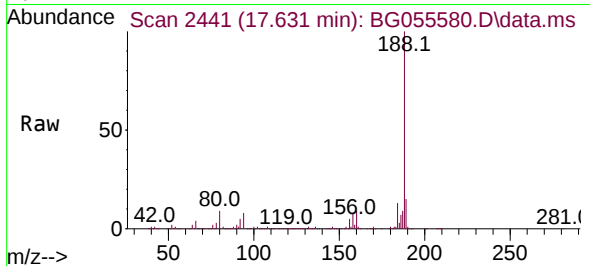




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

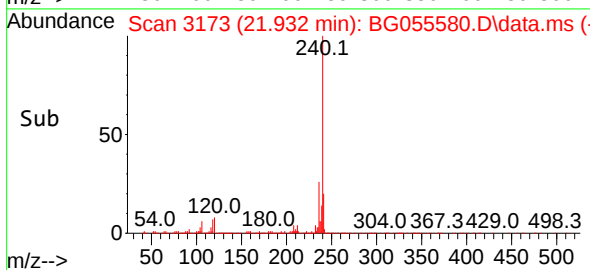
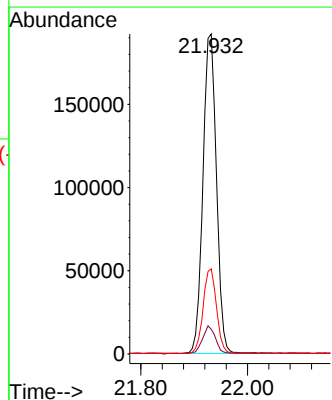
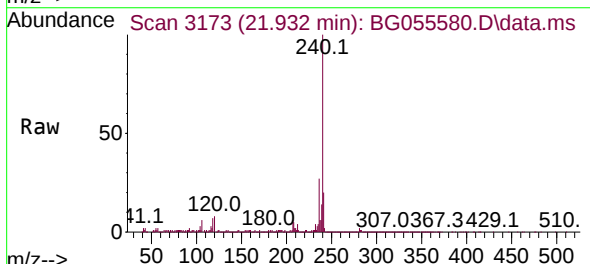
Instrument :
BNA_G
ClientSampleId :
TP-7

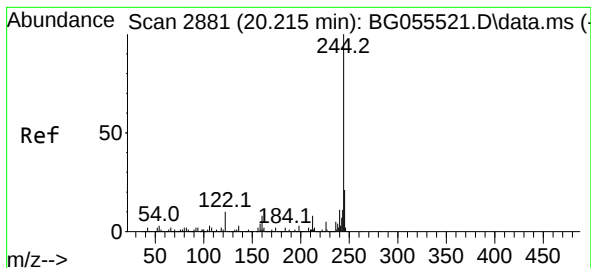
Tgt Ion:188 Resp: 376764
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:240 Resp: 336864
Ion Ratio Lower Upper
240 100
120 7.7 6.1 9.1
236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 66.416 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7

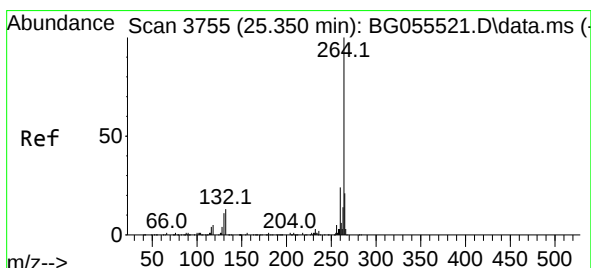
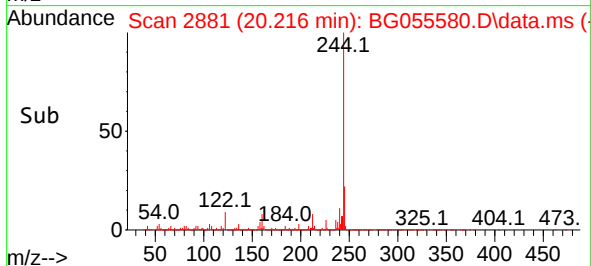
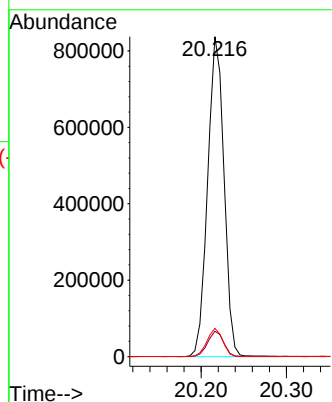
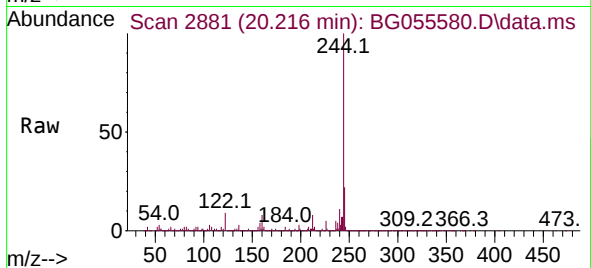
Tgt Ion:244 Resp: 1113884

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.357 min Scan# 3756

Delta R.T. 0.007 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Tgt Ion:264 Resp: 365345

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 22.2 17.1 25.7

