

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055562.D
 Acq On : 11 Nov 2022 11:34
 Operator : CG/JU
 Sample : N5506-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Nov 11 16:30:48 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	8.271	152	51925	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	206921	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	141011	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	355227	20.000	ng	0.00
76) Chrysene-d12	21.926	240	406542	20.000	ng	0.00
86) Perylene-d12	25.351	264	425184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	361590	132.639	ng	0.00
7) Phenol-d6	7.402	99	415059	110.222	ng	0.00
23) Nitrobenzene-d5	9.440	82	317716	104.091	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	250913	182.369	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	744391	79.628	ng	0.00
79) Terphenyl-d14	20.216	244	1607331	79.412	ng	0.00

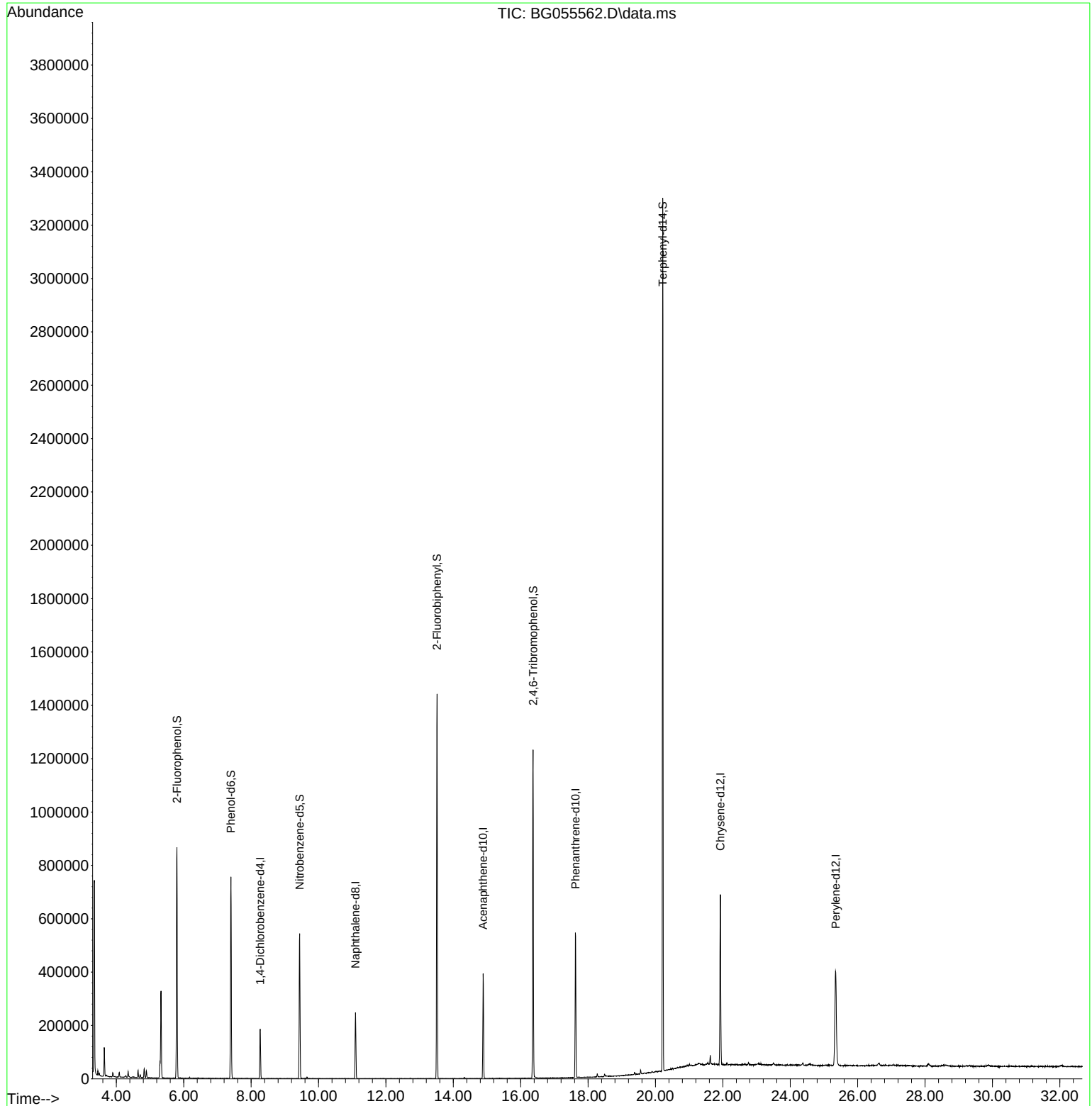
Target Compounds	Qvalue

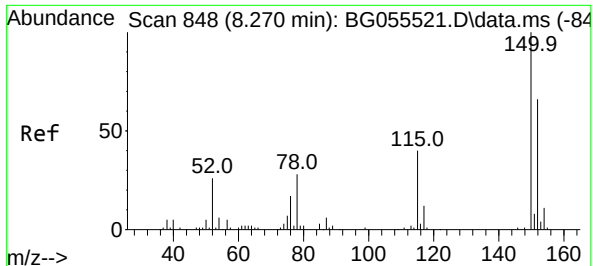
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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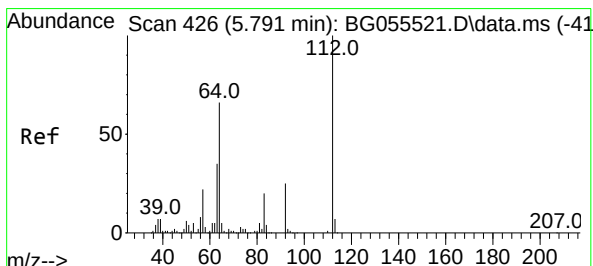
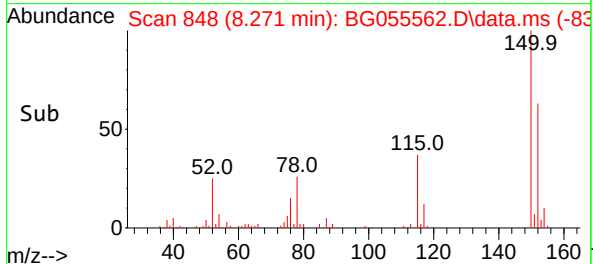
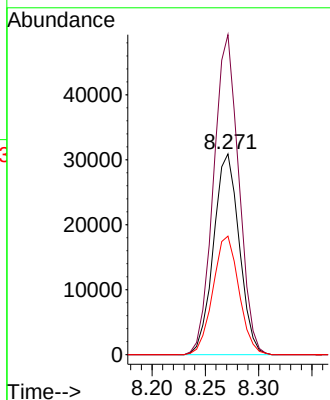
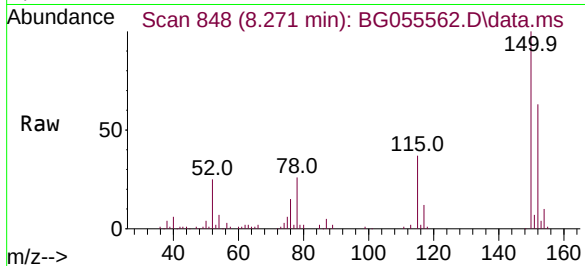




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

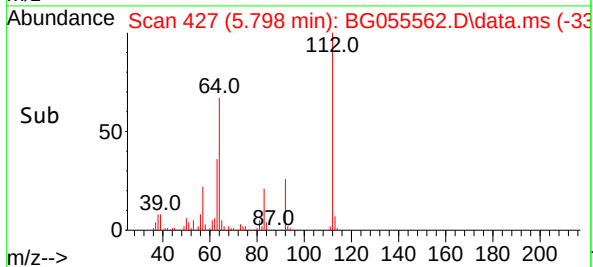
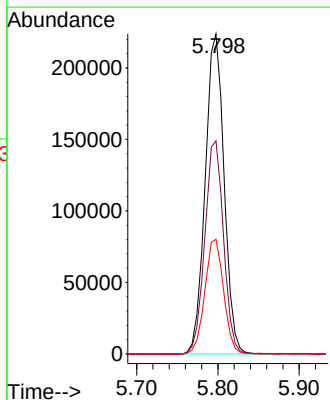
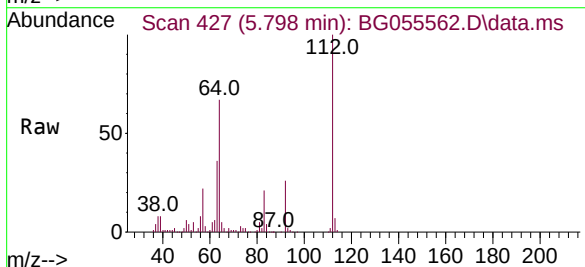
Instrument :
BNA_G
ClientSampleId :
TP-9

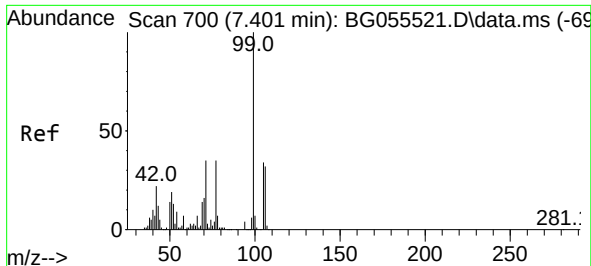
Tgt Ion:152 Resp: 51925
Ion Ratio Lower Upper
152 100
150 159.4 121.0 181.4
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 132.639 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:112 Resp: 361590
Ion Ratio Lower Upper
112 100
64 66.6 52.6 78.8
63 35.8 28.3 42.5

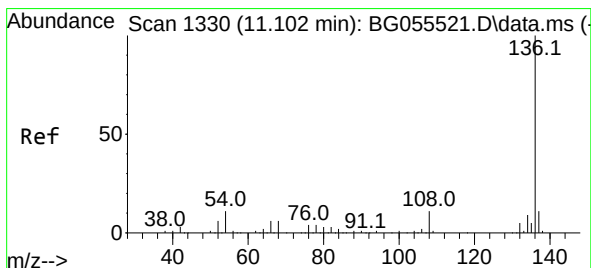
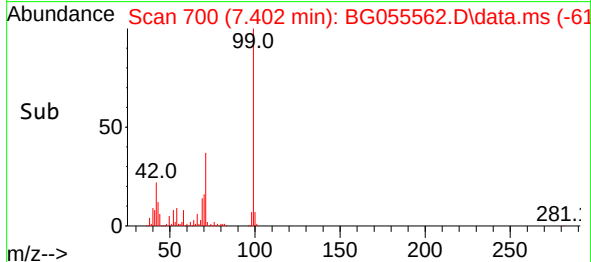
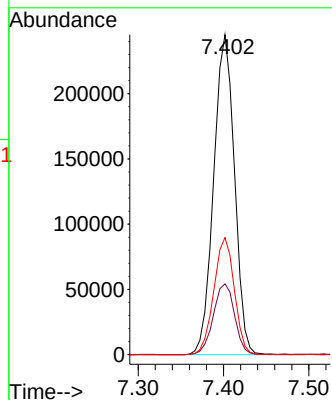
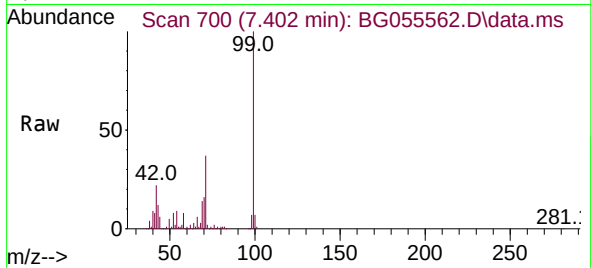




#7
Phenol-d6
Concen: 110.222 ng
RT: 7.402 min Scan# 700
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

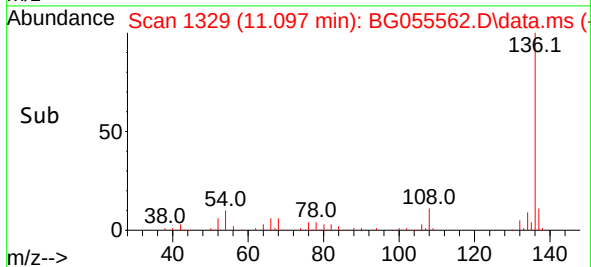
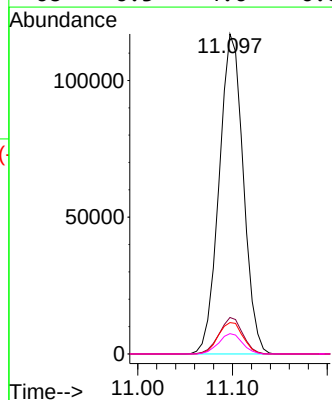
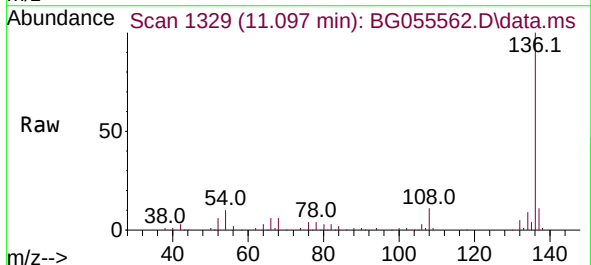
Instrument :
BNA_G
ClientSampleId :
TP-9

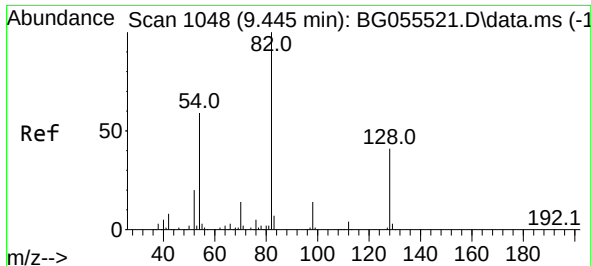
Tgt Ion: 99	Resp: 415059
Ion Ratio	Lower Upper
99 100	
42 22.1	17.5 26.3
71 36.6	28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:136	Resp: 206921
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 12.8
54 9.8	8.6 12.8
68 6.3	4.6 6.8





#23

Nitrobenzene-d5

Concen: 104.091 ng

RT: 9.440 min Scan# 1047

Delta R.T. -0.005 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

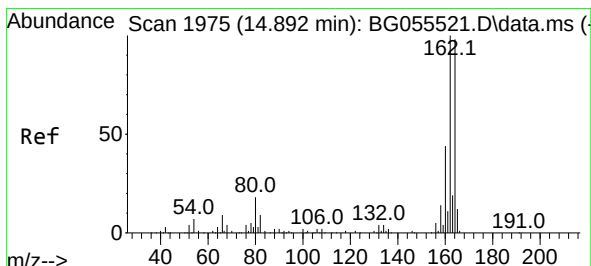
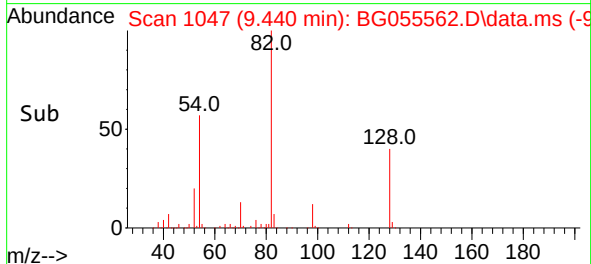
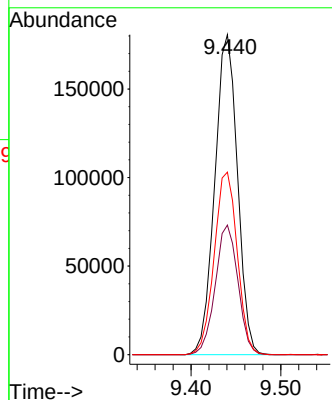
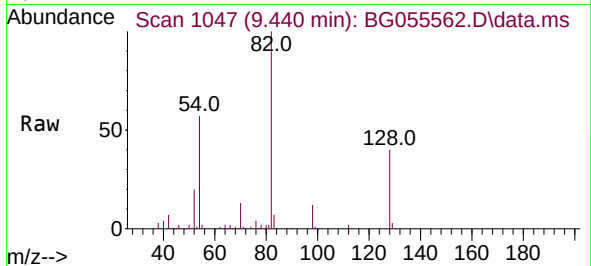
Tgt Ion: 82 Resp: 317716

Ion Ratio Lower Upper

82 100

128 40.5 32.6 49.0

54 57.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

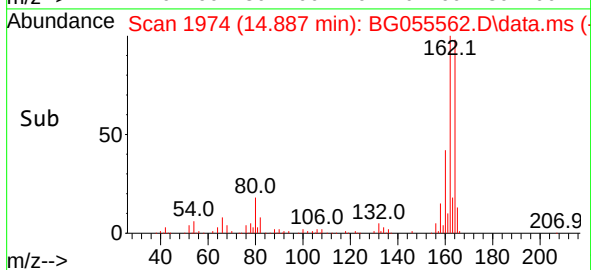
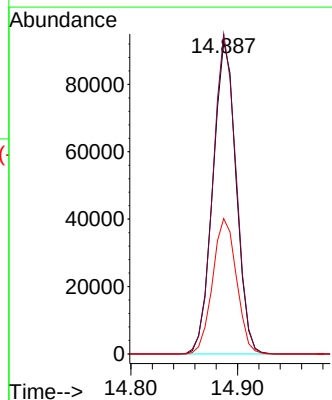
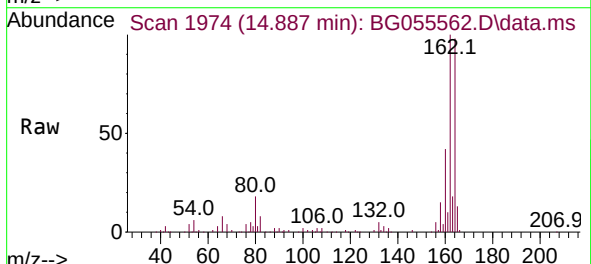
Tgt Ion: 164 Resp: 141011

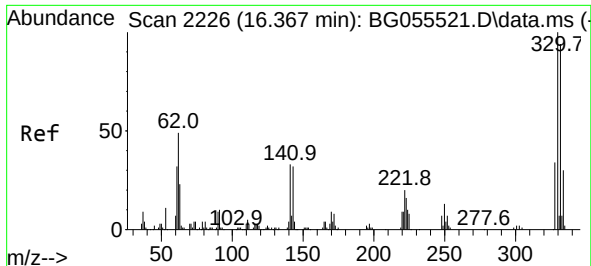
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 43.3 35.9 53.9

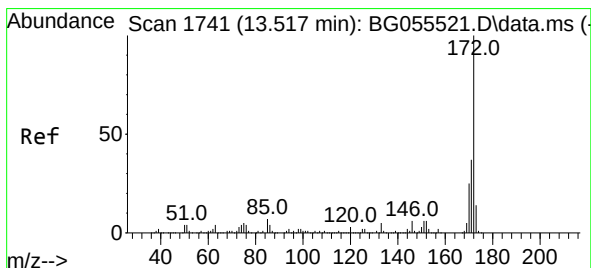
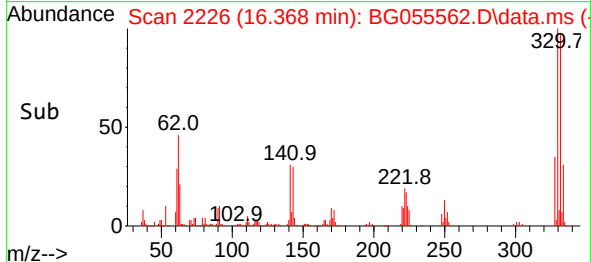
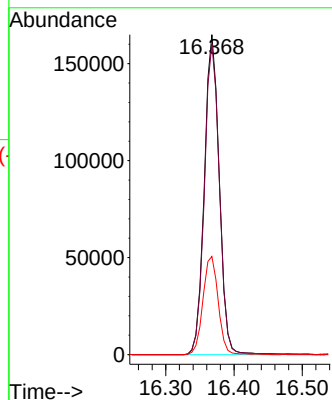
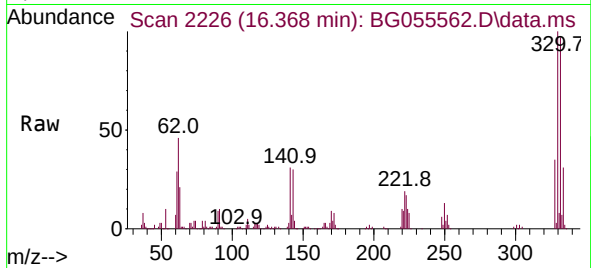




#42
2,4,6-Tribromophenol
Concen: 182.369 ng
RT: 16.368 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

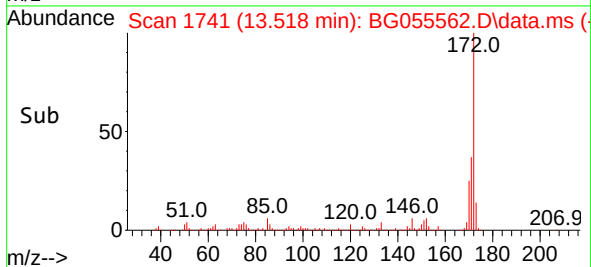
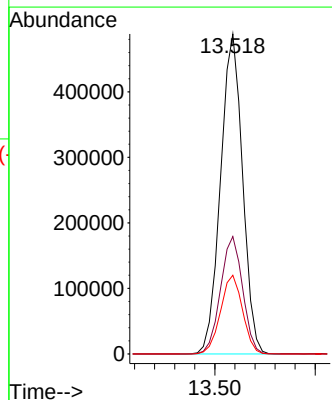
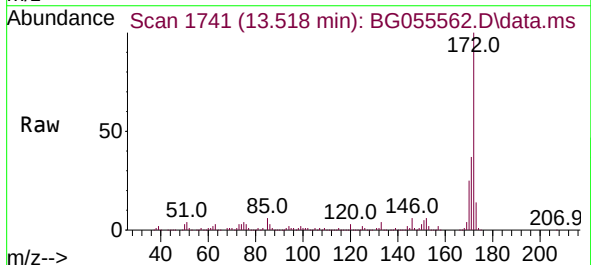
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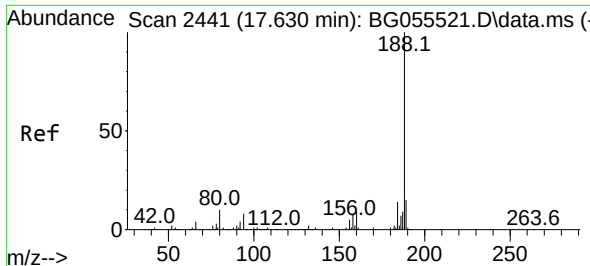
Tgt Ion:330 Resp: 250913
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 31.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 79.628 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:172 Resp: 744391
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 19.8 29.6

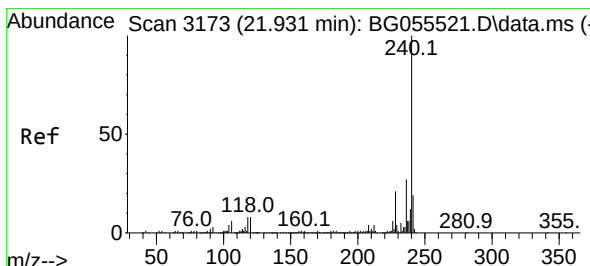
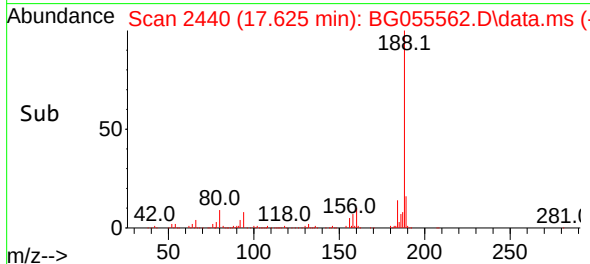
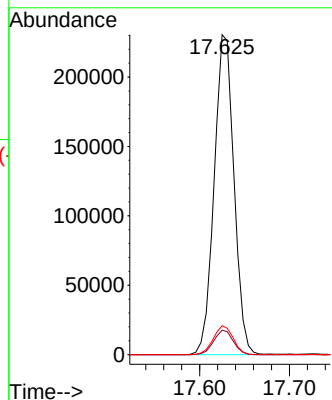
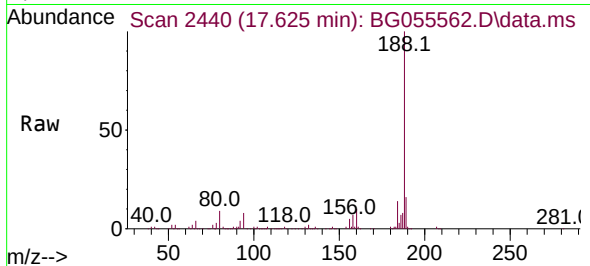




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

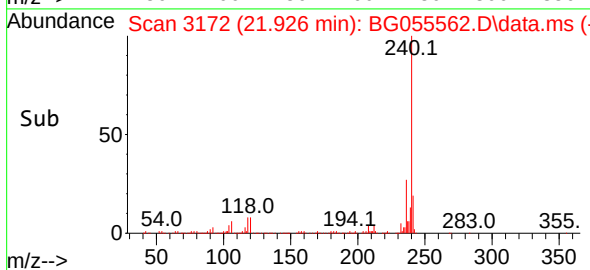
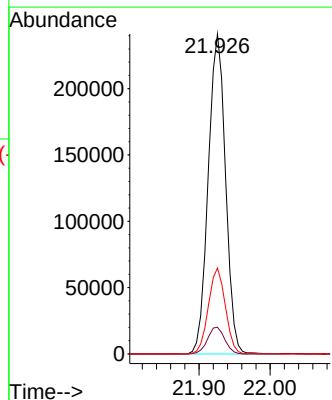
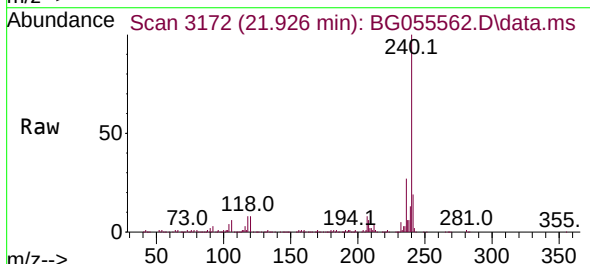
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TP-9

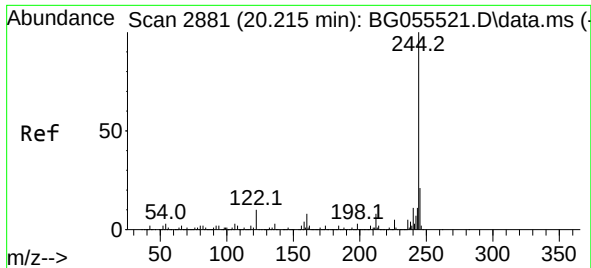
Tgt Ion:188 Resp: 355227
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:240 Resp: 406542
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 26.8 21.4 32.0

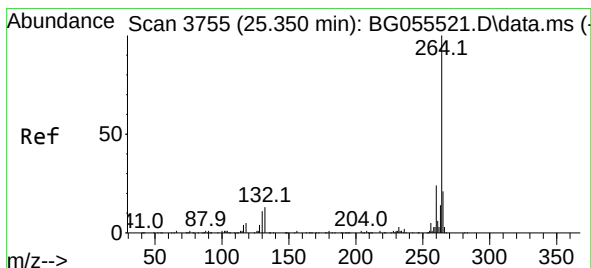
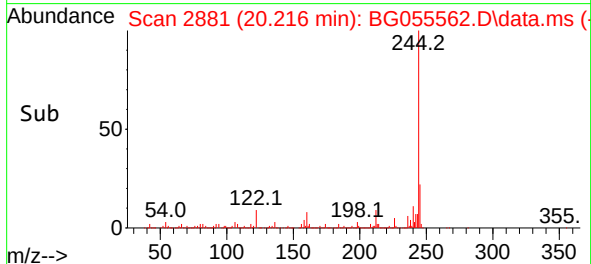
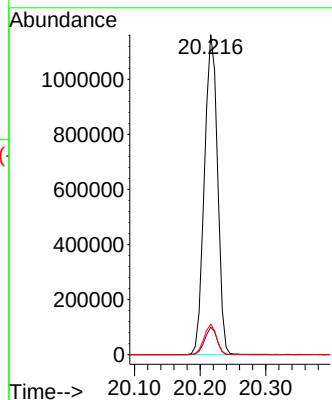
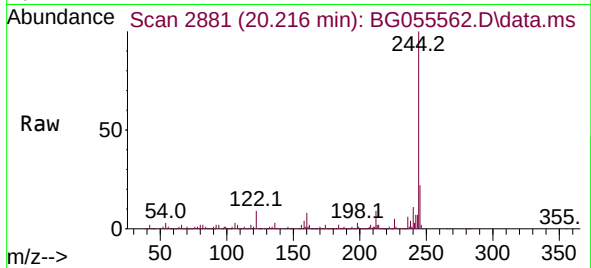




#79
 Terphenyl-d14
 Concen: 79.412 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG055562.D
 Acq: 11 Nov 2022 11:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 1607331
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.351 min Scan# 3755
 Delta R.T. 0.001 min
 Lab File: BG055562.D
 Acq: 11 Nov 2022 11:34

Tgt Ion:264 Resp: 425184
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 20.3 17.1 25.7

