

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055167.D
 Acq On : 13 Oct 2022 17:15
 Operator : CG/JU
 Sample : N5105-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Oct 14 01:26:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	42912	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	179201	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	118306	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	239402	20.000	ng	0.00
76) Chrysene-d12	21.925	240	221375	20.000	ng	0.00
86) Perylene-d12	25.345	264	237728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	237937	108.482	ng	0.00
7) Phenol-d6	7.437	99	327640	100.982	ng	0.00
23) Nitrobenzene-d5	9.475	82	209586	62.717	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	159530	93.846	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	479589	66.221	ng	0.00
79) Terphenyl-d14	20.216	244	631649	57.466	ng	0.00

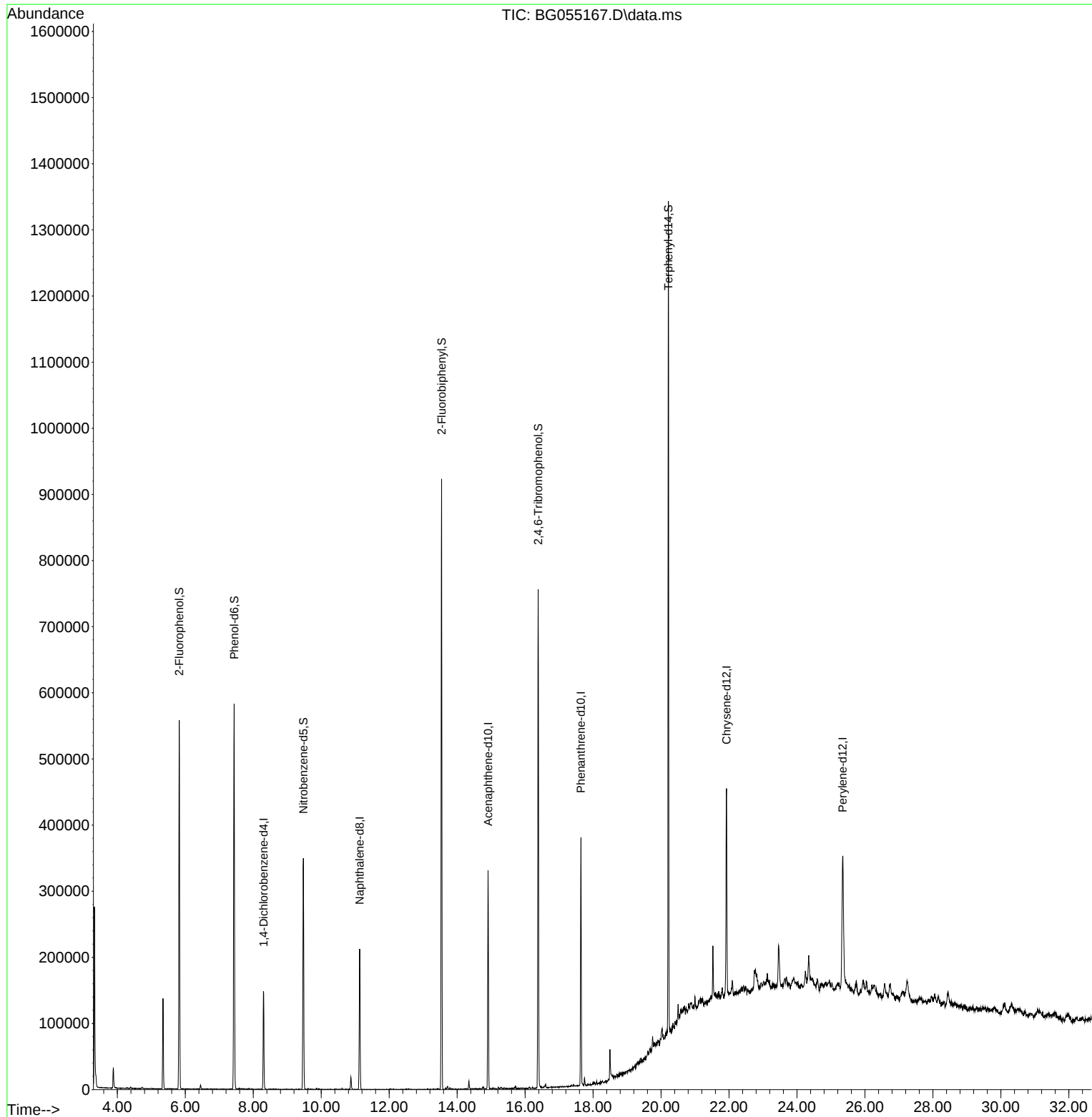
Target Compounds	Qvalue

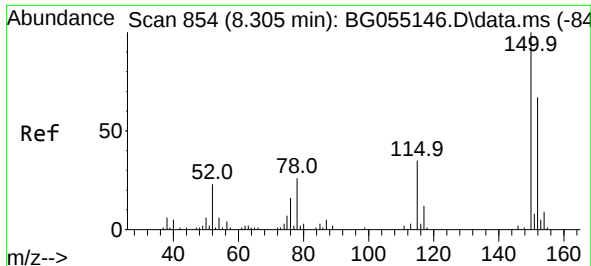
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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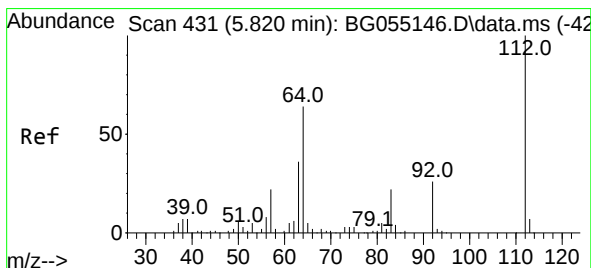
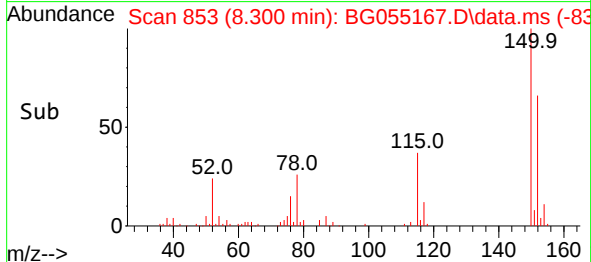
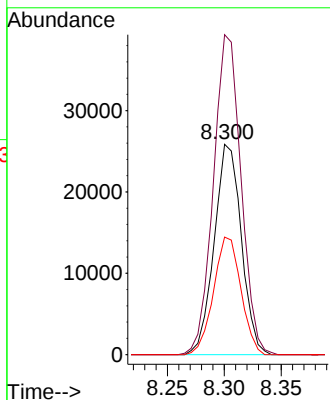
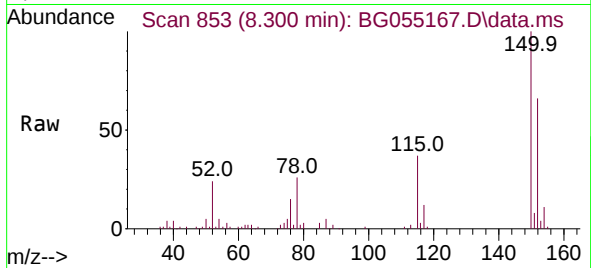




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

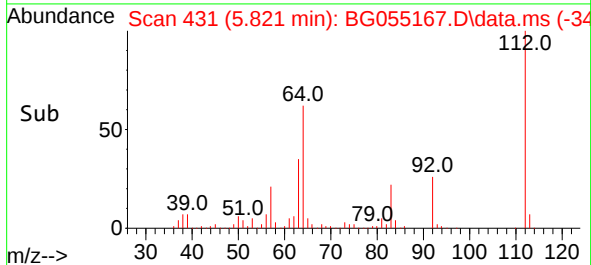
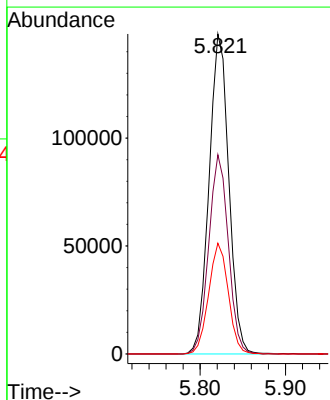
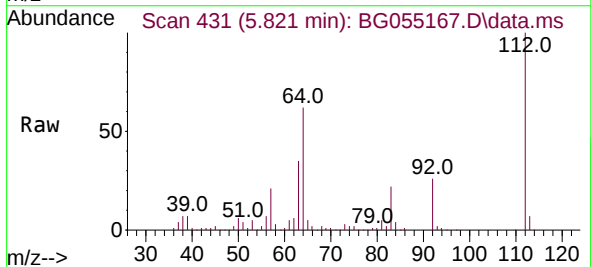
Instrument :
BNA_G
ClientSampleId :
WC-2

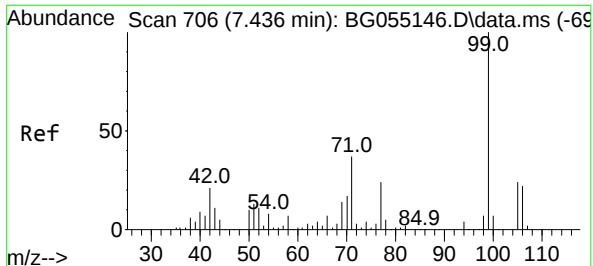
Tgt Ion:152 Resp: 42912
Ion Ratio Lower Upper
152 100
150 152.2 119.7 179.5
115 55.9 42.4 63.6



#5
2-Fluorophenol
Concen: 108.482 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:112 Resp: 237937
Ion Ratio Lower Upper
112 100
64 62.2 50.9 76.3
63 34.6 29.0 43.6

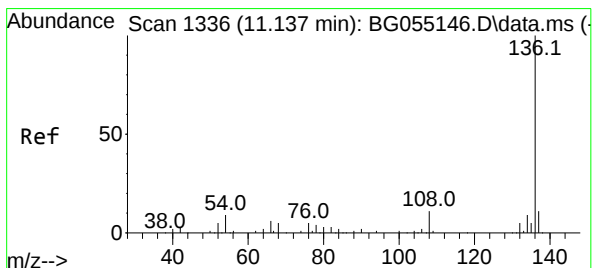
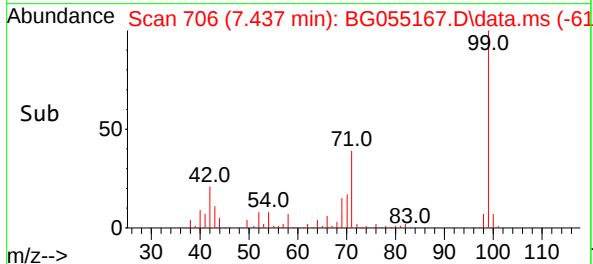
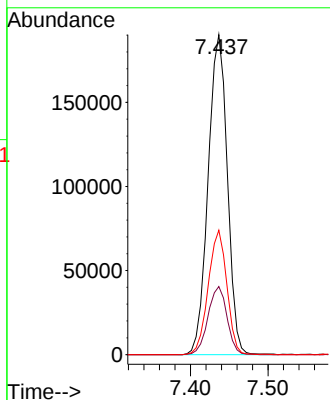
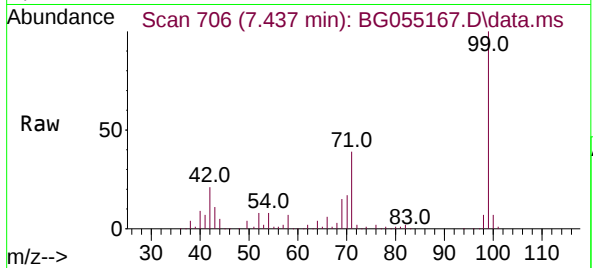




#7
Phenol-d6
Concen: 100.982 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

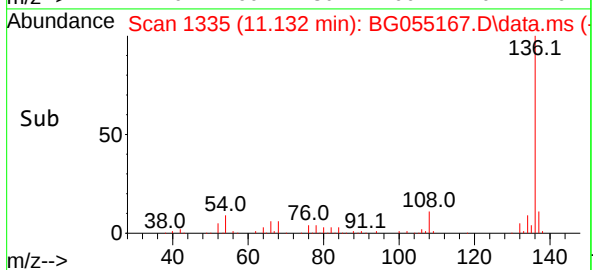
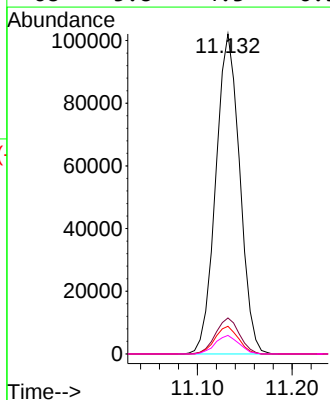
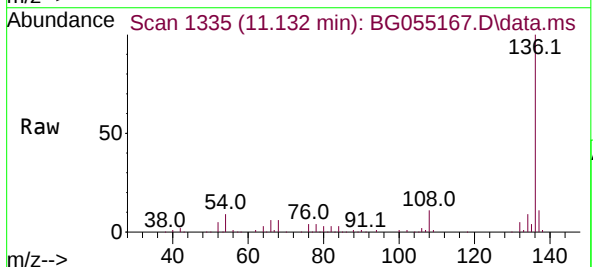
Instrument :
BNA_G
ClientSampleId :
WC-2

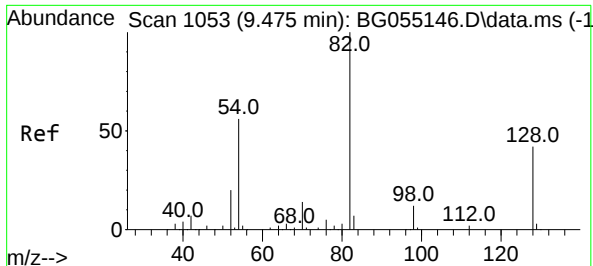
Tgt Ion: 99 Resp: 327640
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 38.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion: 136 Resp: 179201
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.6 7.0 10.6
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 62.717 ng

RT: 9.475 min Scan# 1053

Delta R.T. 0.001 min

Lab File: BG055167.D

Acq: 13 Oct 2022 17:15

Instrument :

BNA_G

ClientSampleId :

WC-2

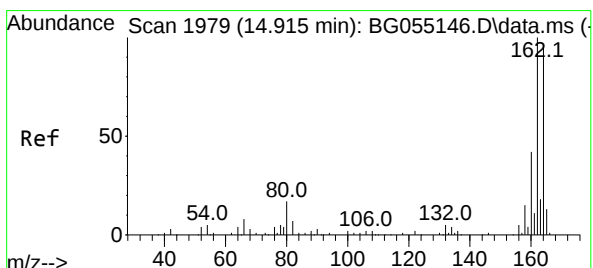
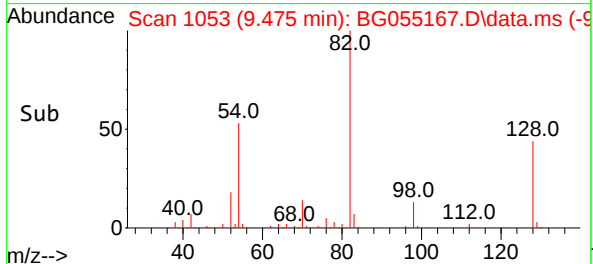
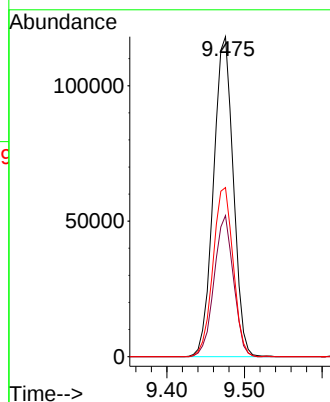
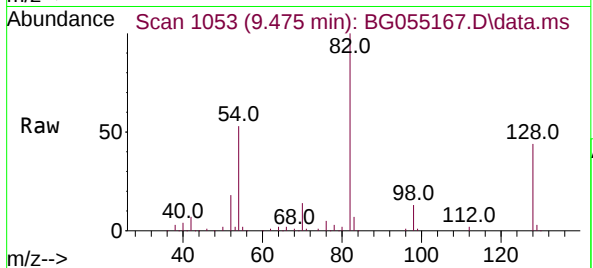
Tgt Ion: 82 Resp: 209586

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

54 52.9 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG055167.D

Acq: 13 Oct 2022 17:15

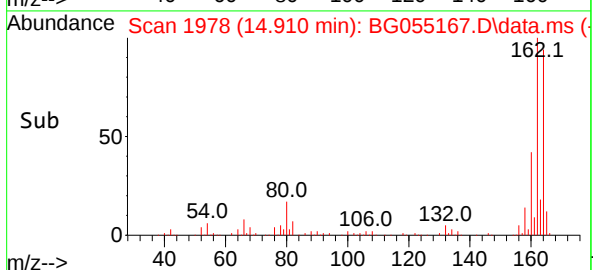
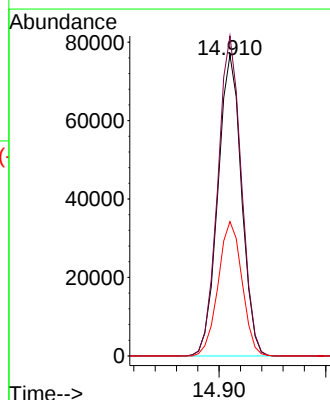
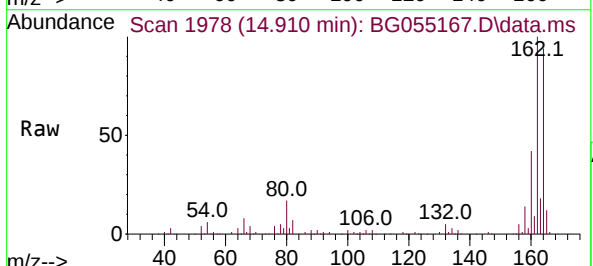
Tgt Ion:164 Resp: 118306

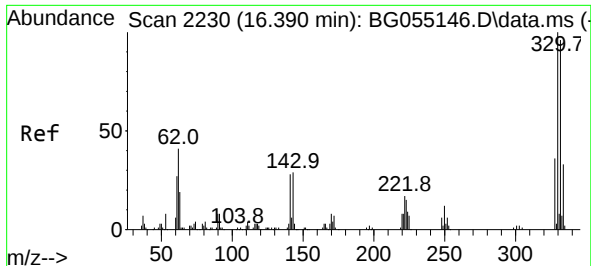
Ion Ratio Lower Upper

164 100

162 106.3 83.3 124.9

160 44.7 35.3 52.9

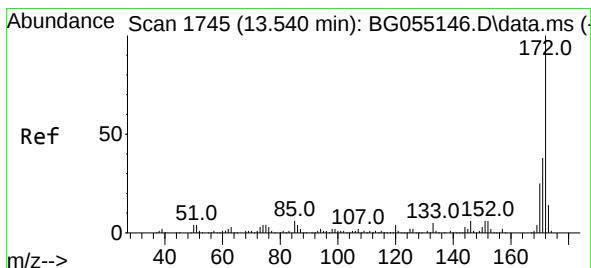
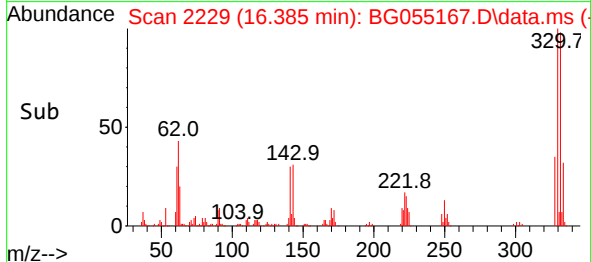
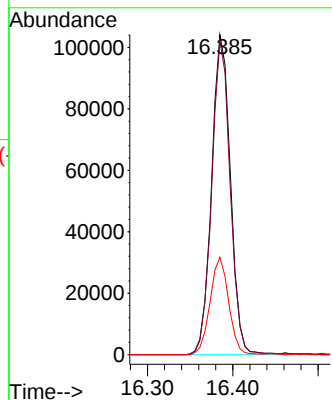
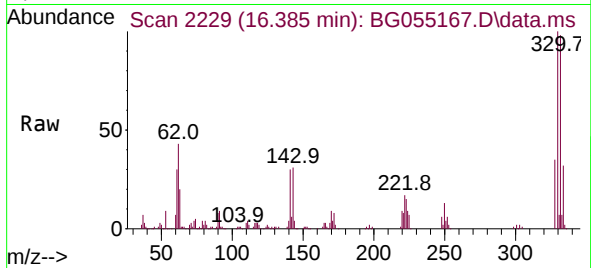




#42
2,4,6-Tribromophenol
Concen: 93.846 ng
RT: 16.385 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

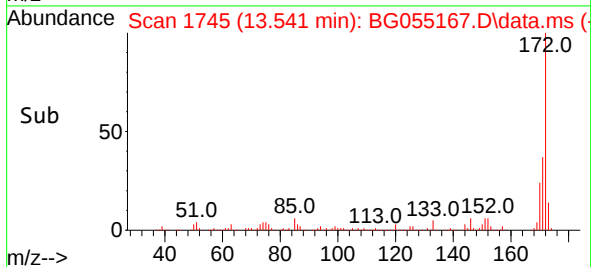
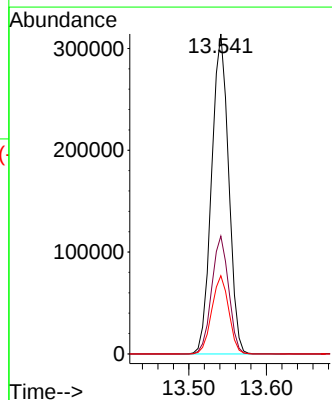
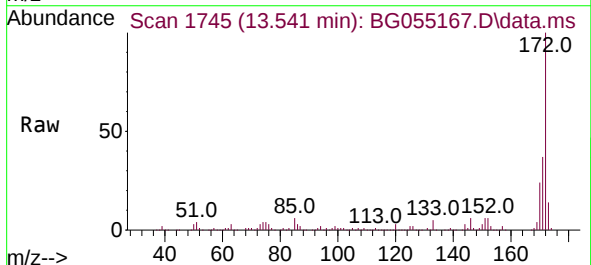
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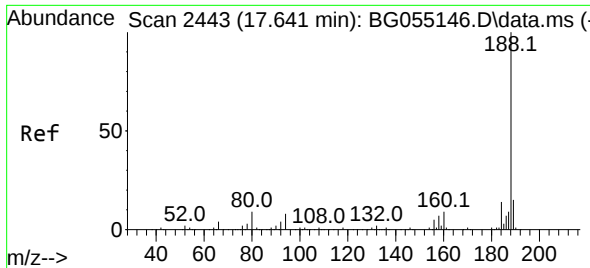
Tgt Ion:330 Resp: 159530
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 30.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 66.221 ng
RT: 13.541 min Scan# 1745
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:172 Resp: 479589
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.5 19.8 29.6

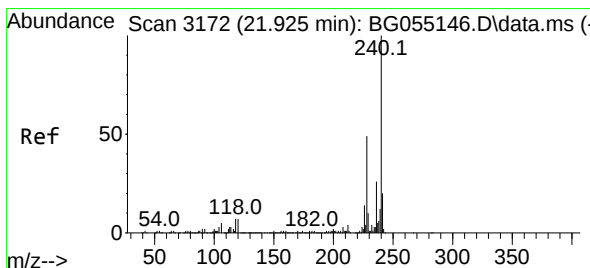
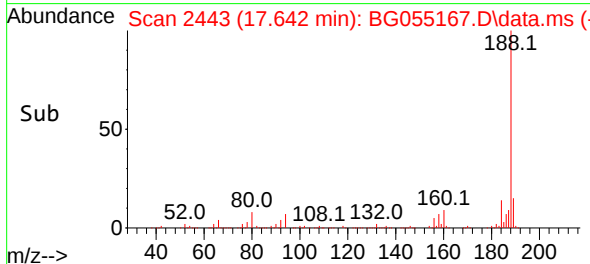
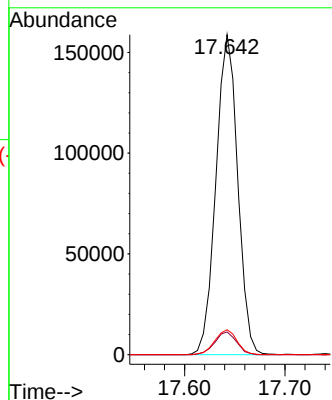
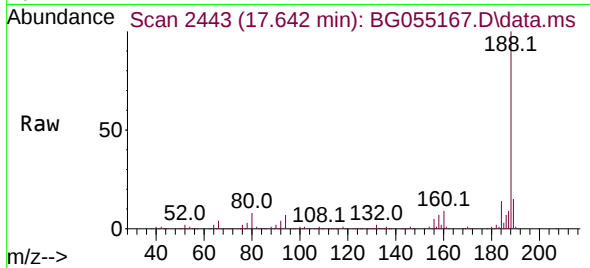




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

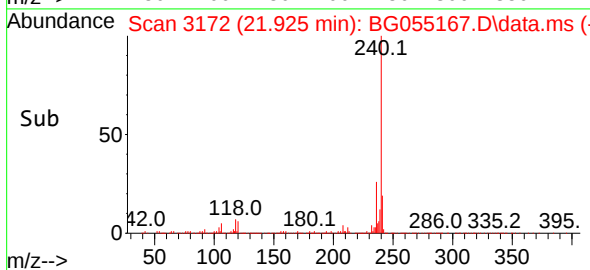
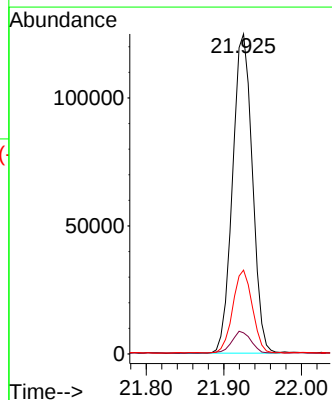
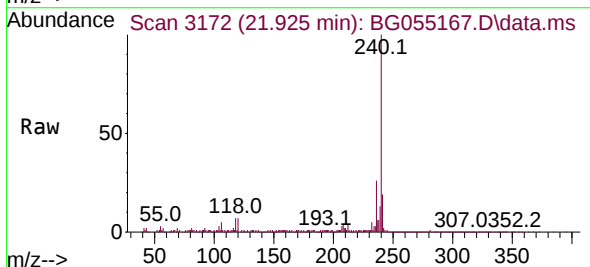
Instrument :
BNA_G
ClientSampleId :
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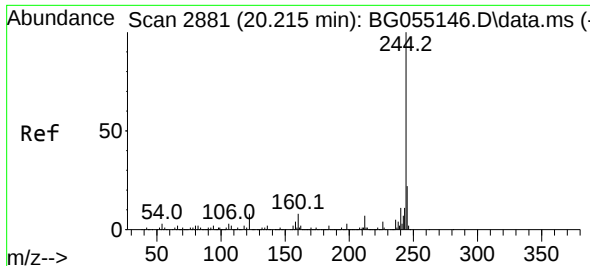
Tgt Ion:188 Resp: 239402
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.8 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG055167.D
Acq: 13 Oct 2022 17:15

Tgt Ion:240 Resp: 221375
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.2 20.6 31.0

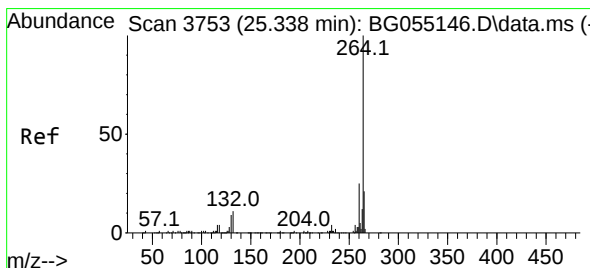
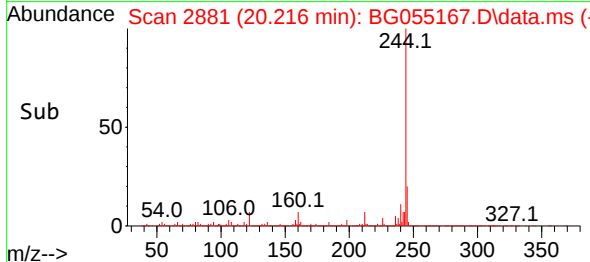
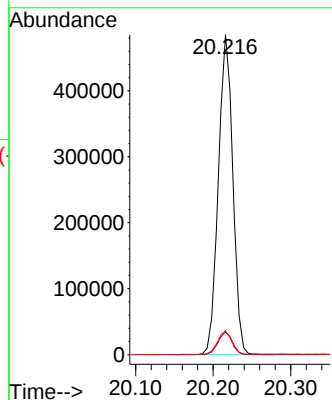
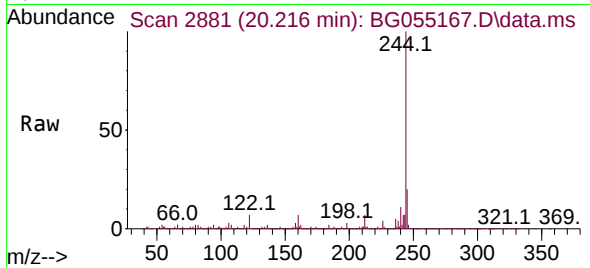




#79
 Terphenyl-d14
 Concen: 57.466 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 631649
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 7.4 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 3754
 Delta R.T. 0.007 min
 Lab File: BG055167.D
 Acq: 13 Oct 2022 17:15

Tgt Ion:264 Resp: 237728
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 22.5 16.8 25.2

