

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055807.D
 Acq On : 28 Nov 2022 16:22
 Operator : CG/JU
 Sample : N5752-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-12S

Quant Time: Nov 29 02:10:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	46045	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	185839	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	125675	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	282774	20.000	ng	0.00
76) Chrysene-d12	21.884	240	289382	20.000	ng	0.00
86) Perylene-d12	25.274	264	305213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	307593	120.747	ng	0.00
7) Phenol-d6	7.378	99	401341	118.354	ng	0.00
23) Nitrobenzene-d5	9.405	82	257694	73.291	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	204338	115.467	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	619487	73.847	ng	0.00
79) Terphenyl-d14	20.180	244	1011209	69.892	ng	0.00

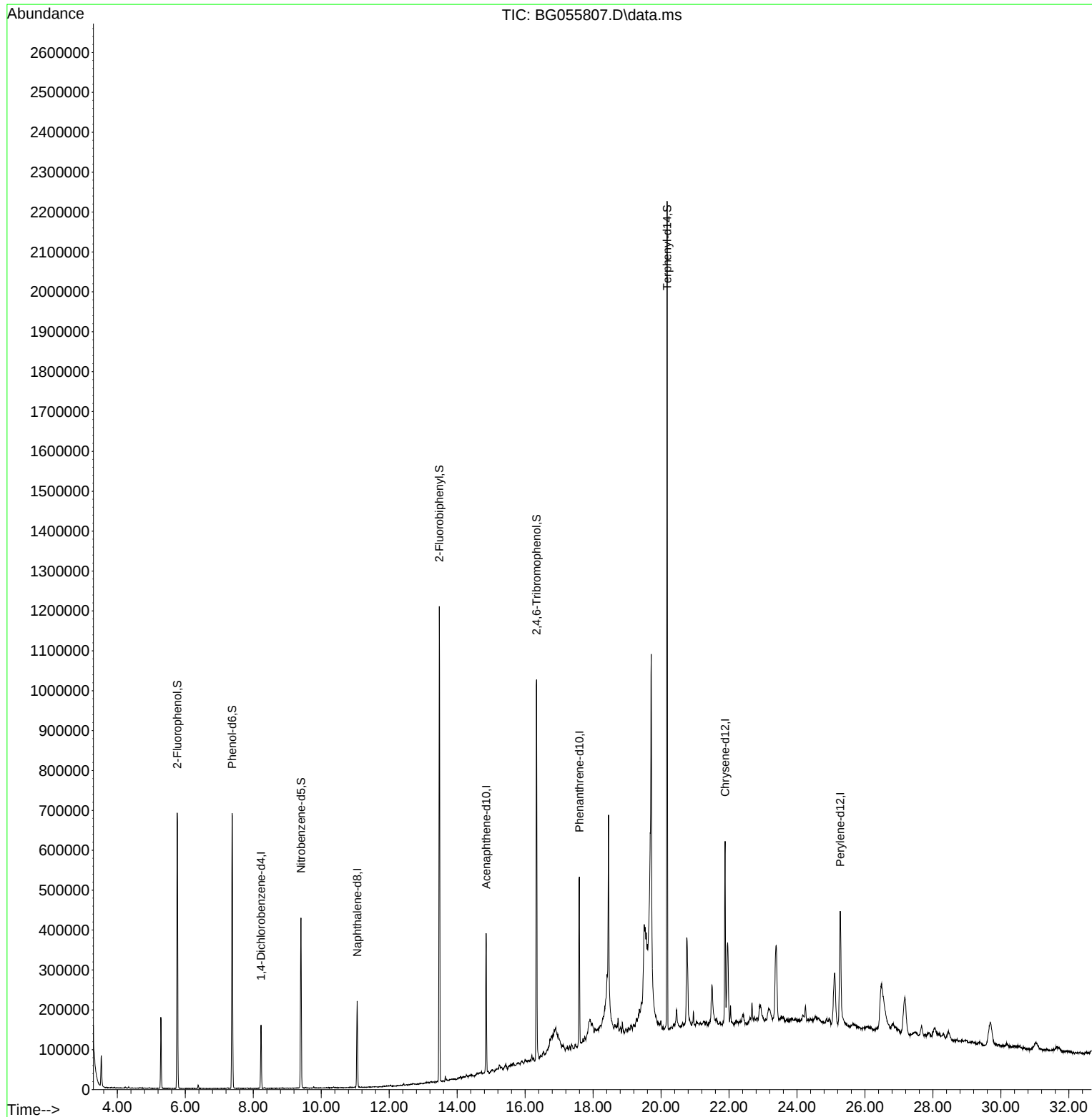
Target Compounds	Qvalue

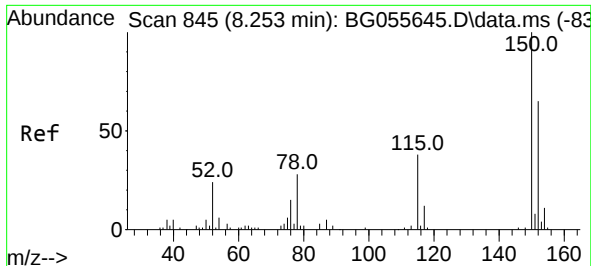
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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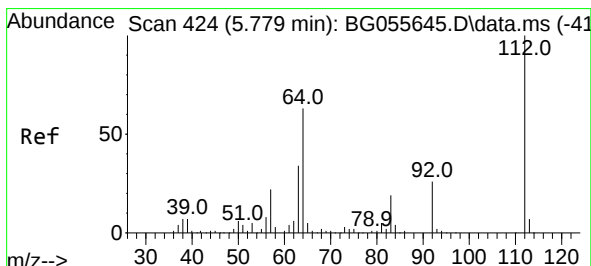
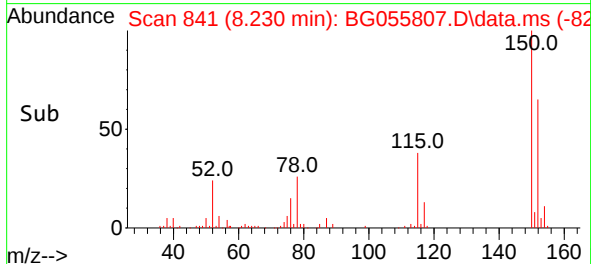
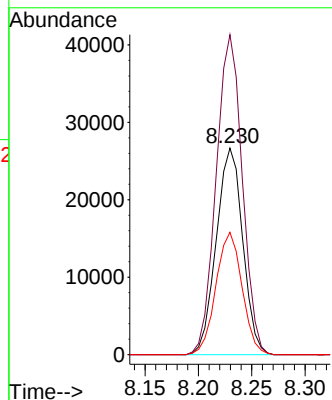
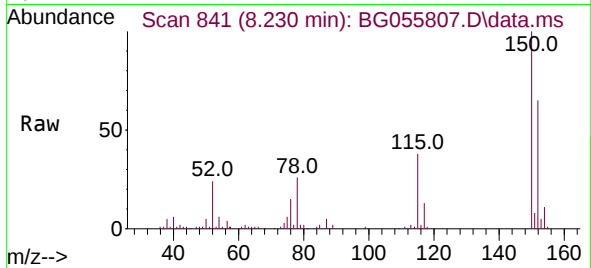




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

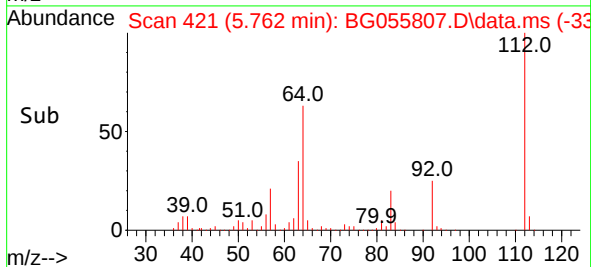
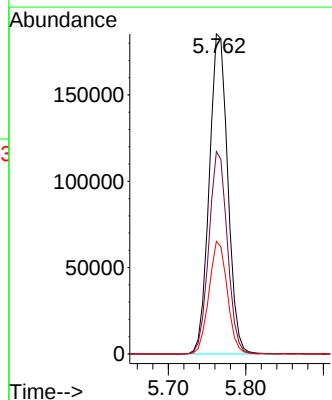
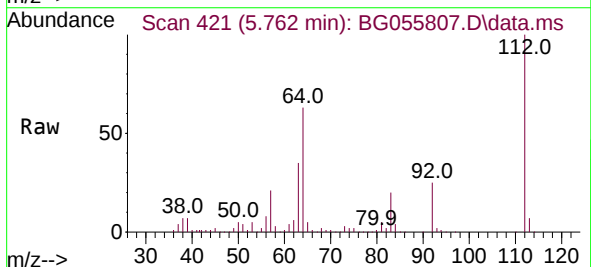
Instrument :
BNA_G
ClientSampleId :
B-12S

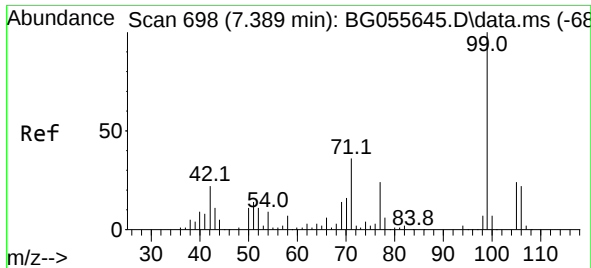
Tgt Ion:152 Resp: 46045
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 120.747 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.004 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:112 Resp: 307593
Ion Ratio Lower Upper
112 100
64 63.3 50.6 76.0
63 35.2 27.5 41.3

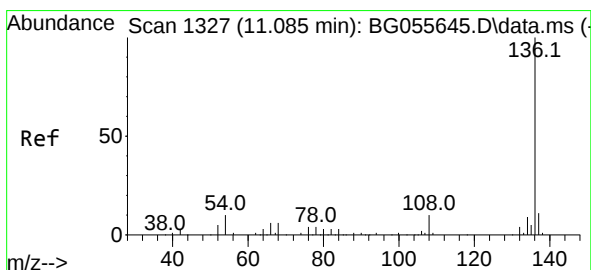
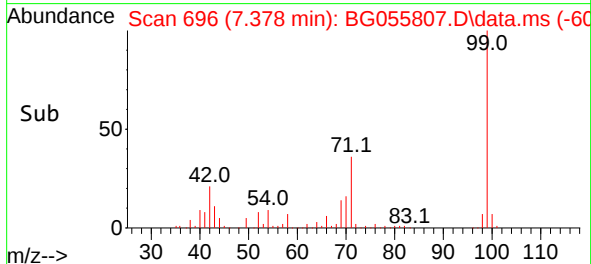
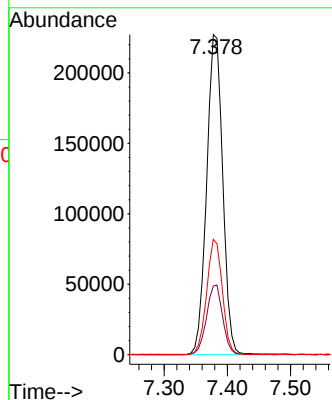
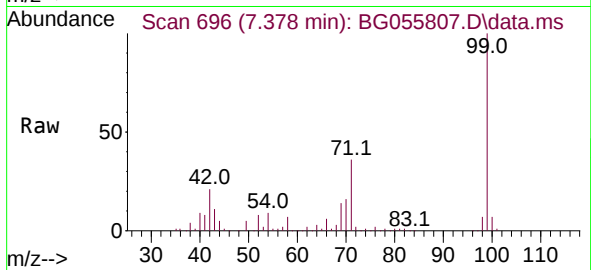




#7
Phenol-d6
Concen: 118.354 ng
RT: 7.378 min Scan# 69
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

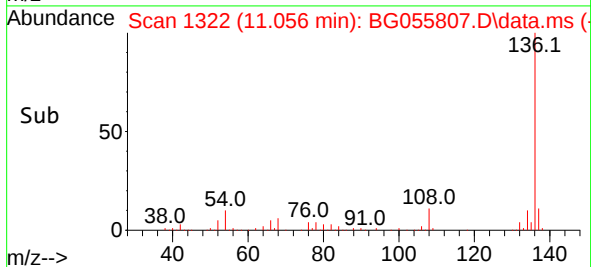
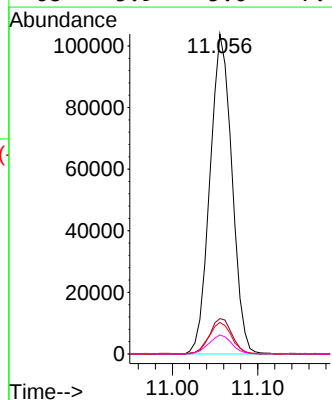
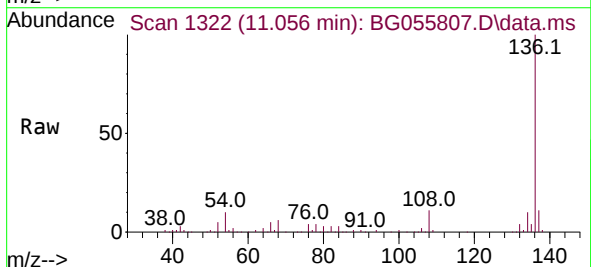
Instrument :
BNA_G
ClientSampleId :
B-12S

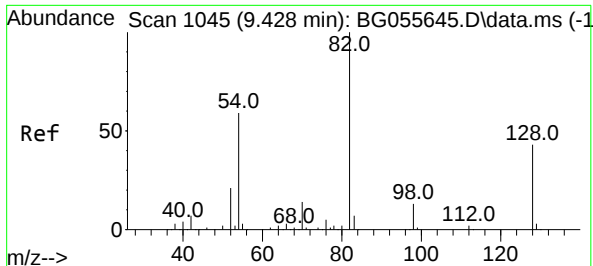
Tgt Ion: 99 Resp: 401341
Ion Ratio Lower Upper
99 100
42 21.4 18.0 27.0
71 36.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:136 Resp: 185839
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.291 ng

RT: 9.405 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG055807.D

Acq: 28 Nov 2022 16:22

Instrument :

BNA_G

ClientSampleId :

B-12S

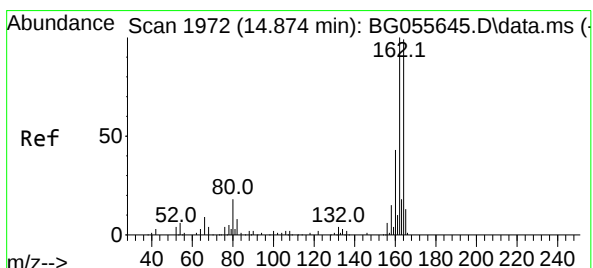
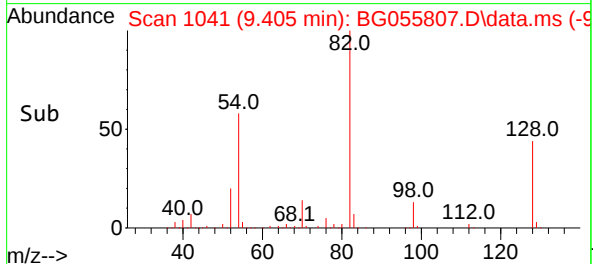
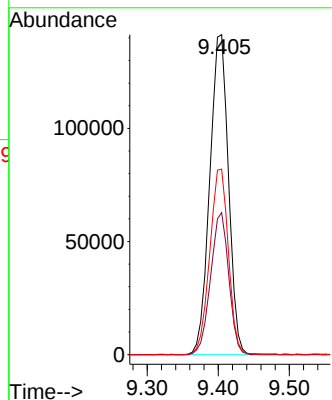
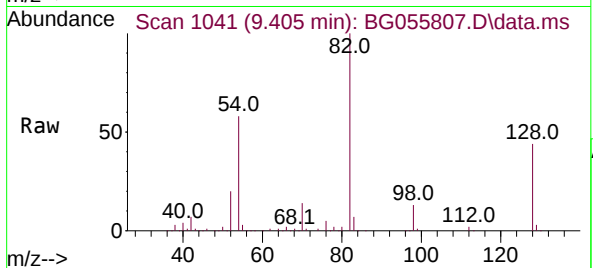
Tgt Ion: 82 Resp: 257694

Ion Ratio Lower Upper

82 100

128 44.4 34.1 51.1

54 58.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.008 min

Lab File: BG055807.D

Acq: 28 Nov 2022 16:22

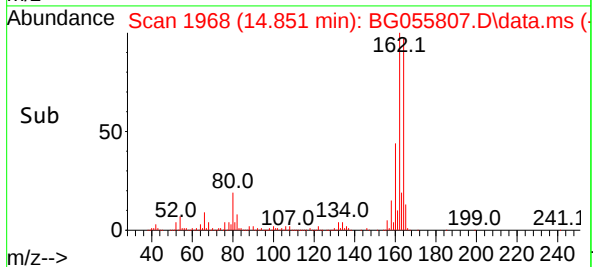
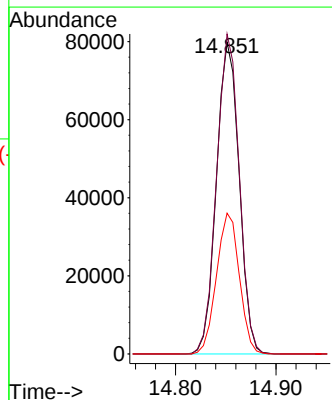
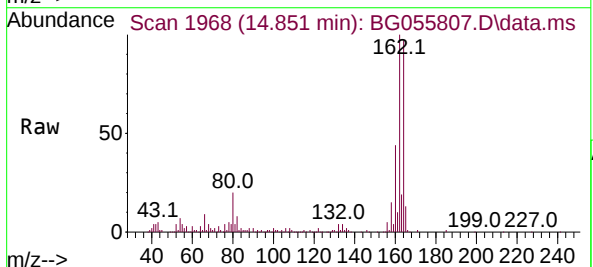
Tgt Ion:164 Resp: 125675

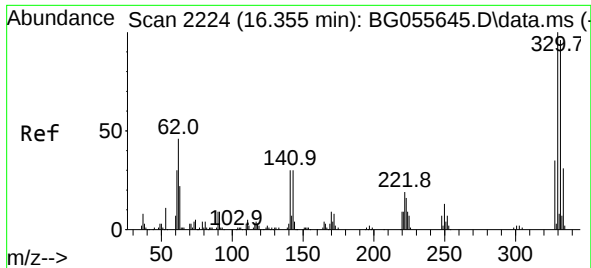
Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 45.2 34.8 52.2

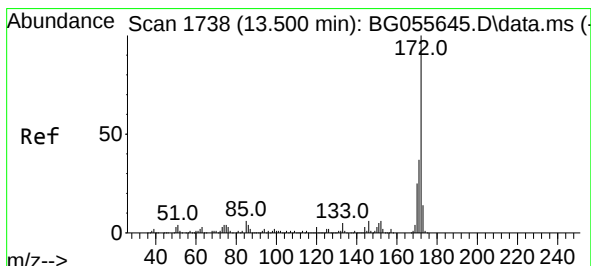
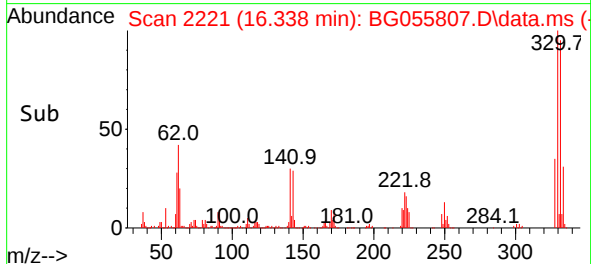
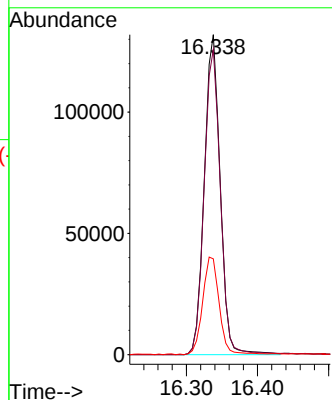
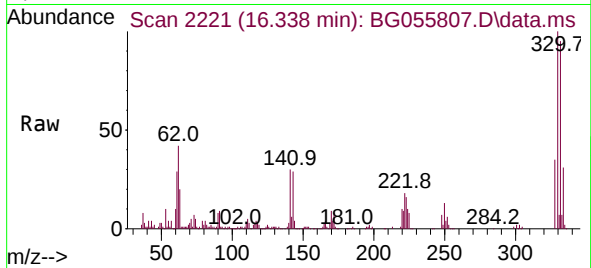




#42
2,4,6-Tribromophenol
Concen: 115.467 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

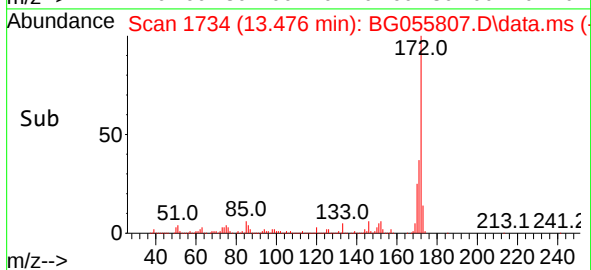
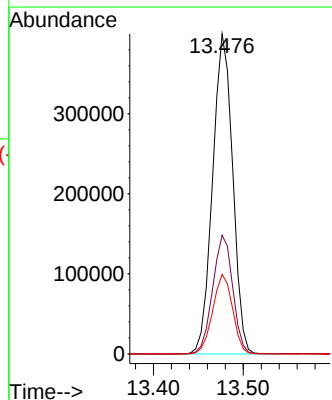
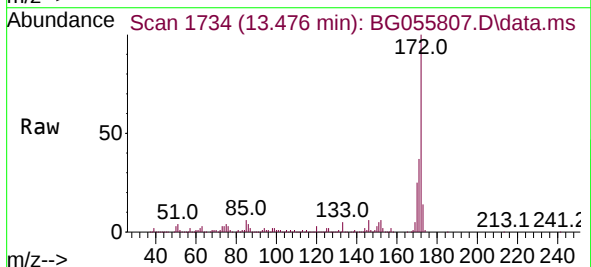
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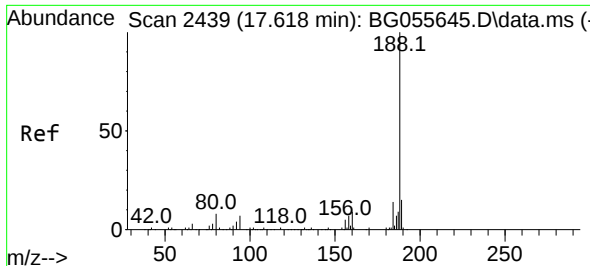
Tgt Ion:330 Resp: 204338
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 32.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.847 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:172 Resp: 619487
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.8 20.2 30.4

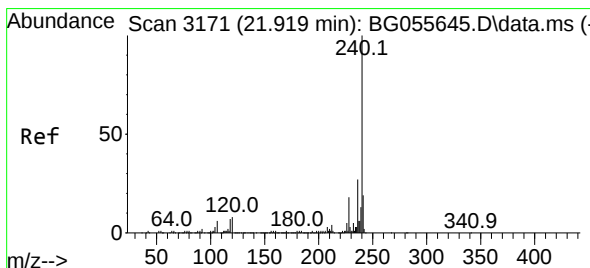
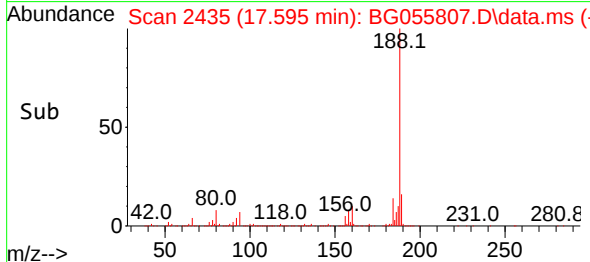
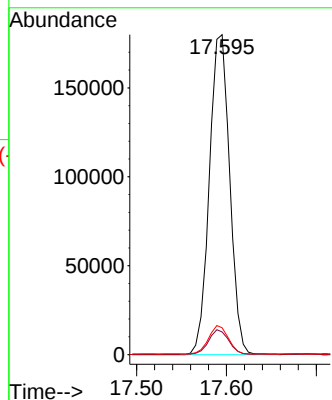
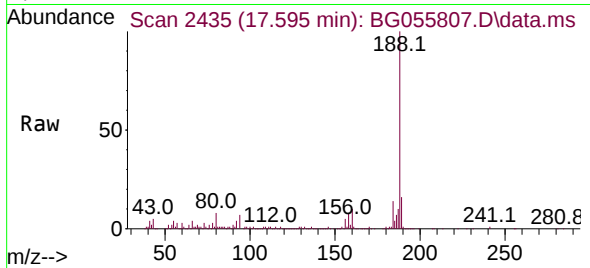




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

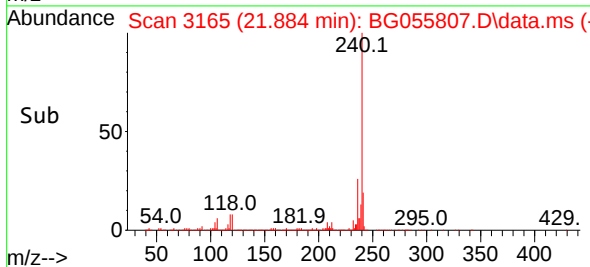
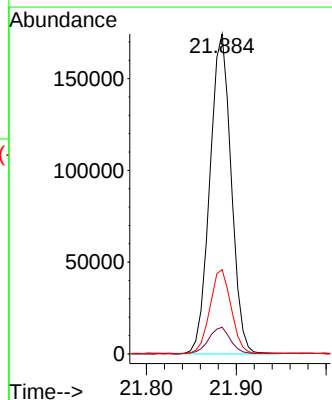
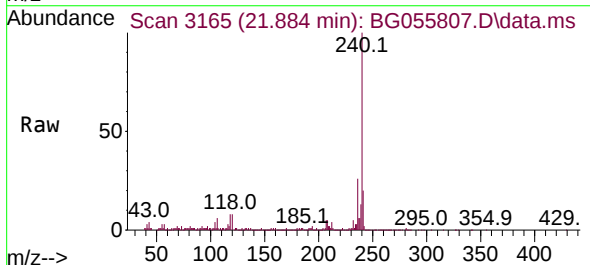
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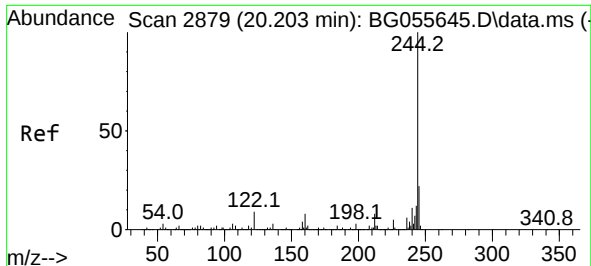
Tgt Ion:188 Resp: 282774
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:240 Resp: 289382
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 26.3 21.9 32.9

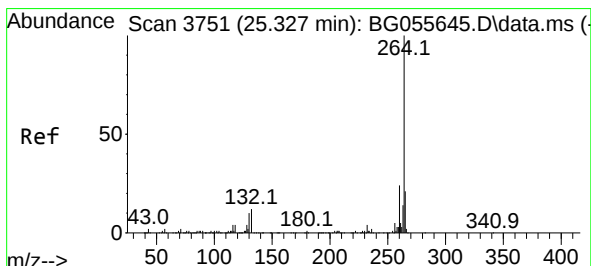
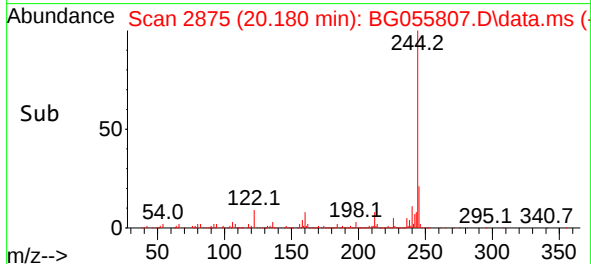
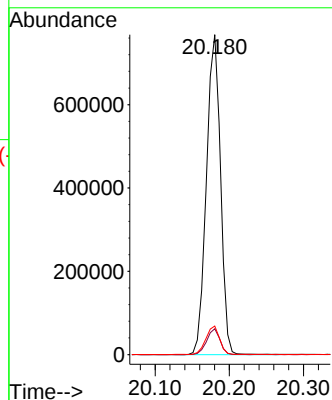
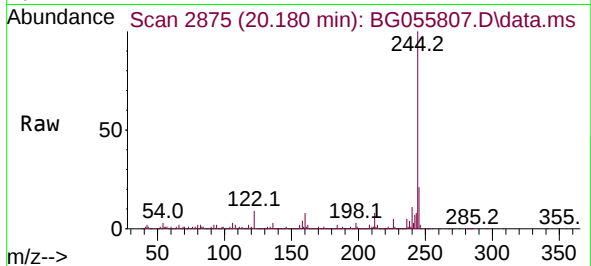




#79
 Terphenyl-d14
 Concen: 69.892 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.002 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

Instrument :
 BNA_G
 ClientSampleId :
 B-12S

Tgt Ion:244 Resp: 1011209
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

Tgt Ion:264 Resp: 305213
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 17.1 25.7

