

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055572.D
 Acq On : 11 Nov 2022 18:44
 Operator : CG/JU
 Sample : N5531-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-34

Quant Time: Nov 12 00:53:57 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	8.270	152	58102	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	234612	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	168546	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	398635	20.000	ng	0.00
76) Chrysene-d12	21.919	240	386468	20.000	ng	-0.01
86) Perylene-d12	25.338	264	399793	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	397060	130.166	ng	0.00
7) Phenol-d6	7.406	99	509076	120.816	ng	0.00
23) Nitrobenzene-d5	9.439	82	311686	90.063	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	256399	155.912	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	702523	62.872	ng	0.00
79) Terphenyl-d14	20.215	244	1199510	62.341	ng	0.00

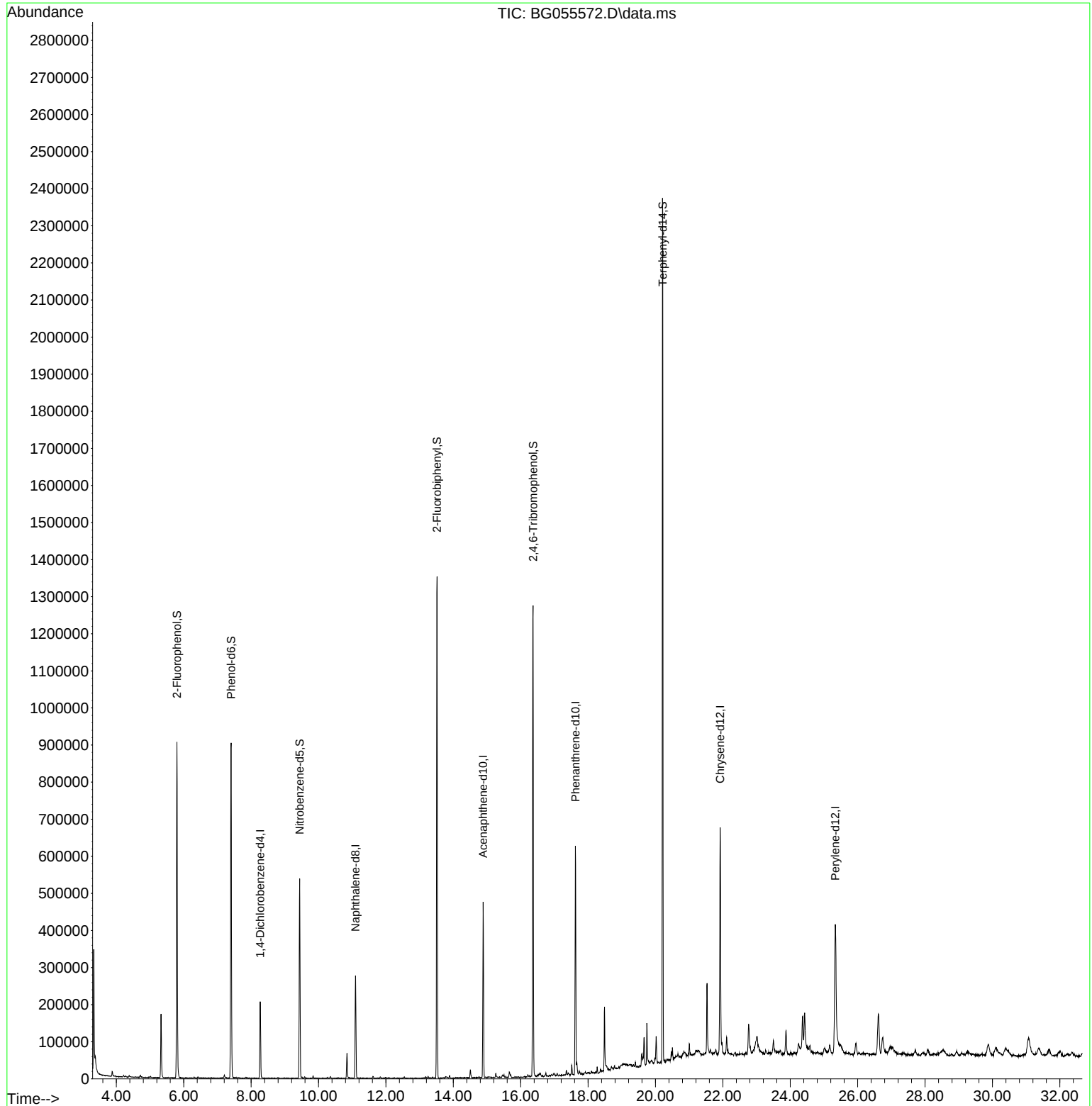
Target Compounds	Qvalue

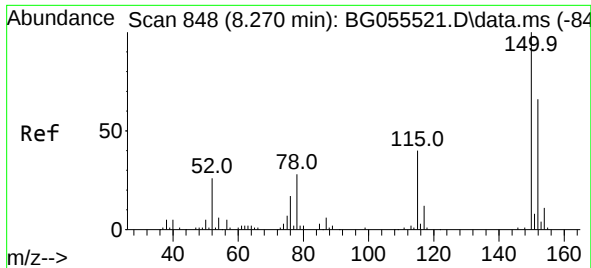
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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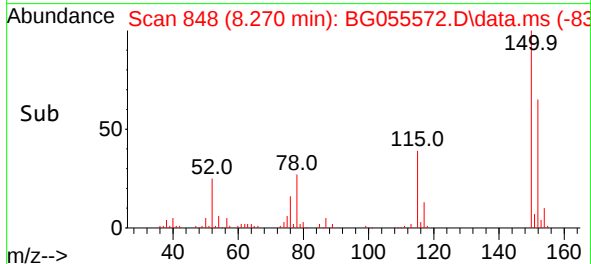
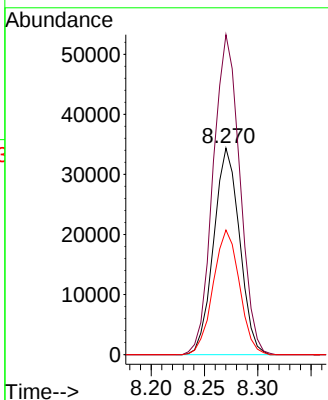
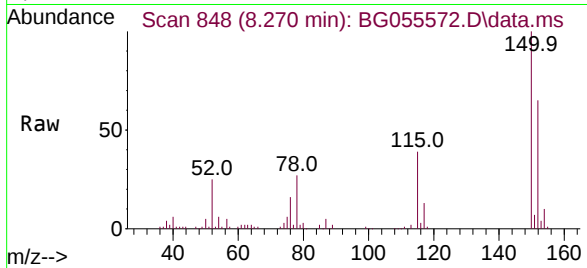




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

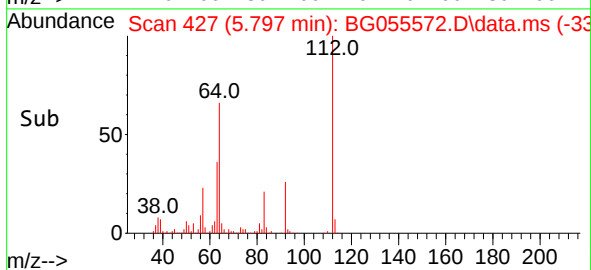
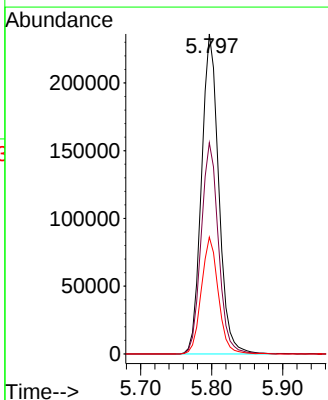
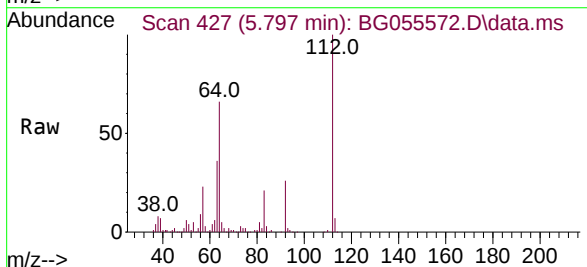
Instrument :
BNA_G
ClientSampleId :
SB-34

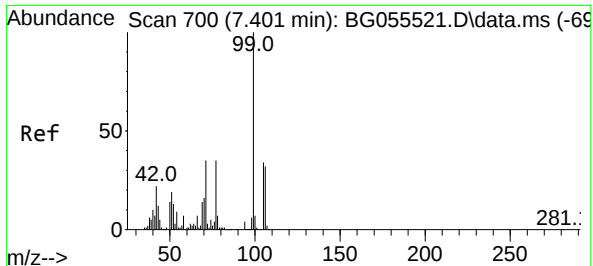
Tgt Ion:152 Resp: 58102
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.4
115 60.3 47.8 71.8



#5
2-Fluorophenol
Concen: 130.166 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:112 Resp: 397060
Ion Ratio Lower Upper
112 100
64 66.0 52.6 78.8
63 36.5 28.3 42.5

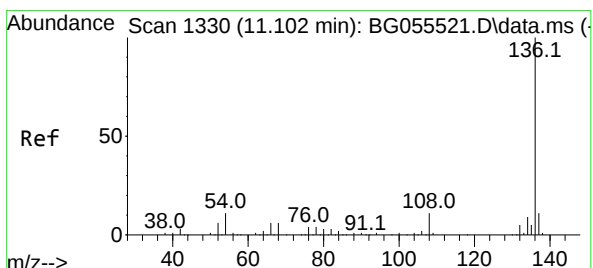
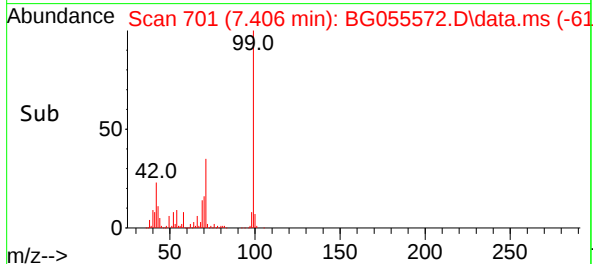
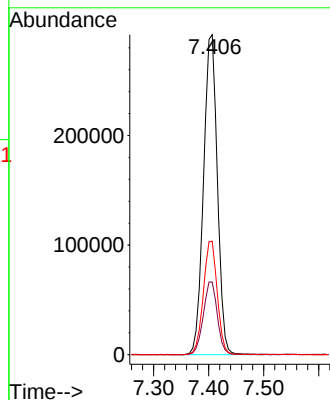
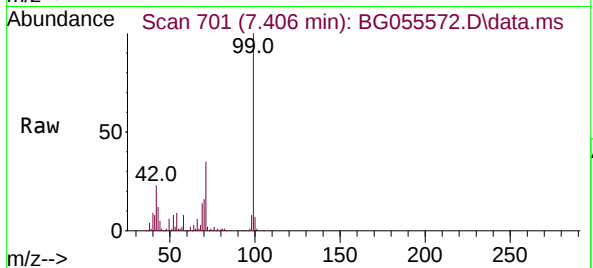




#7
Phenol-d6
Concen: 120.816 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

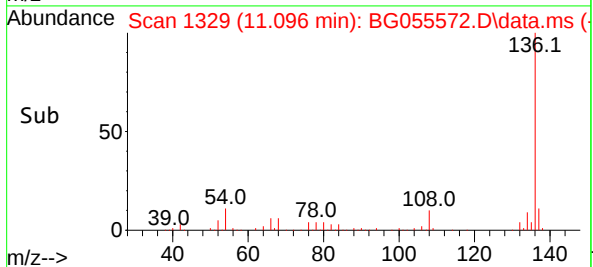
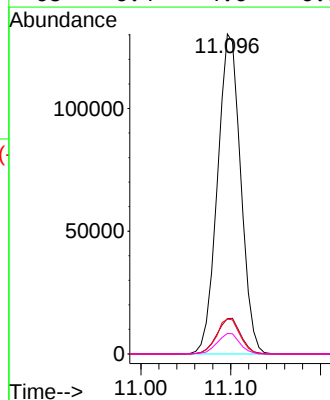
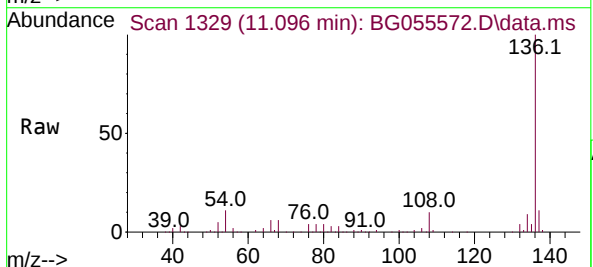
Instrument :
BNA_G
ClientSampleId :
SB-34

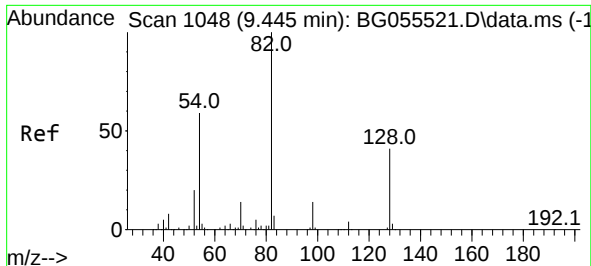
Tgt Ion: 99 Resp: 509076
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 35.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion: 136 Resp: 234612
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.9 8.6 12.8
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.063 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055572.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_G

ClientSampleId :

SB-34

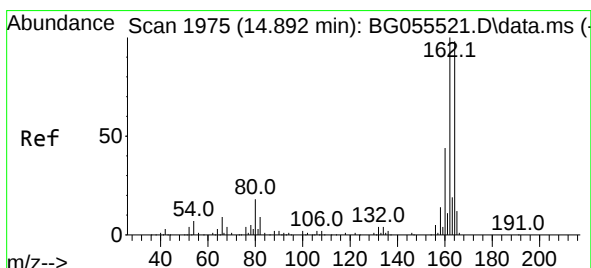
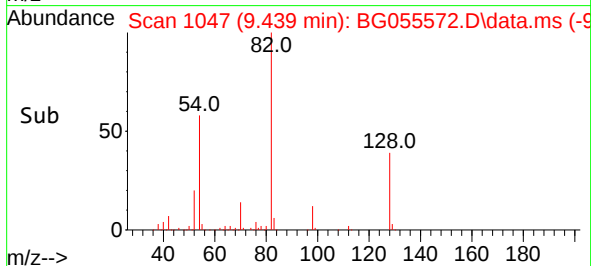
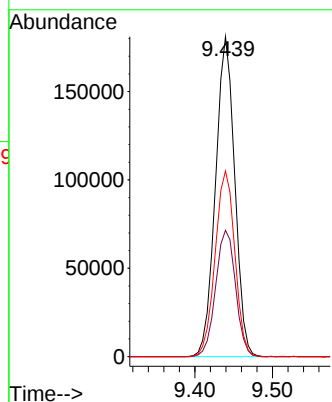
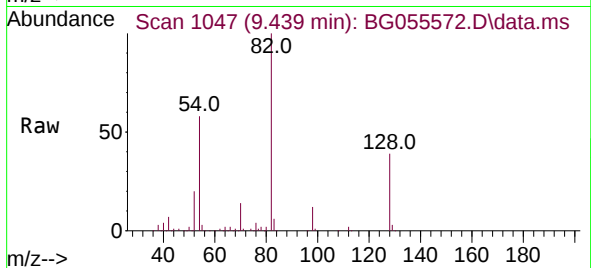
Tgt Ion: 82 Resp: 311686

Ion Ratio Lower Upper

82 100

128 39.5 32.6 49.0

54 58.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055572.D

Acq: 11 Nov 2022 18:44

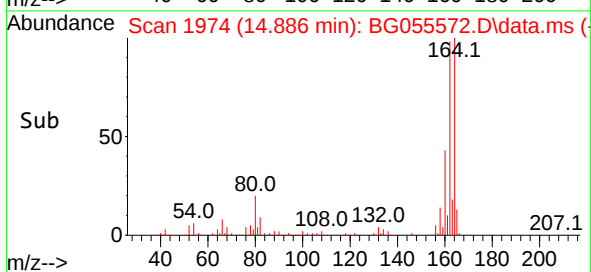
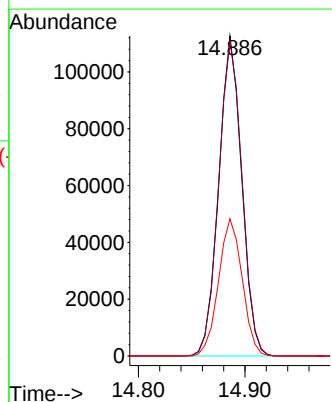
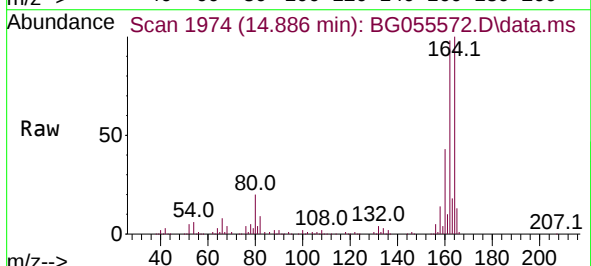
Tgt Ion: 164 Resp: 168546

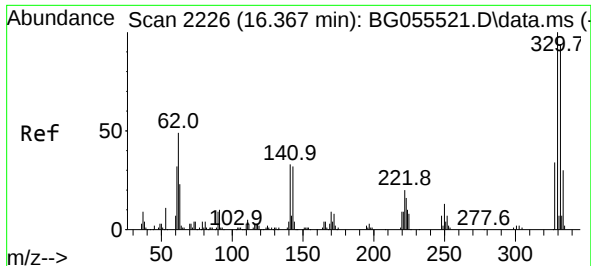
Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

160 42.8 35.9 53.9

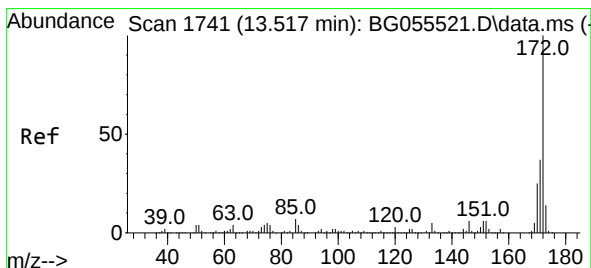
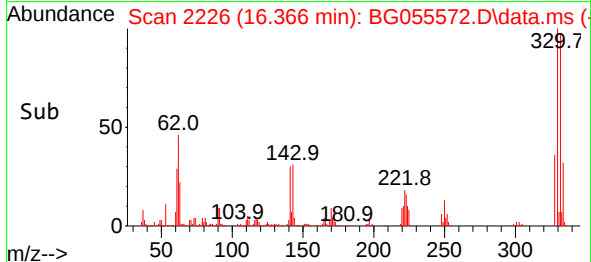
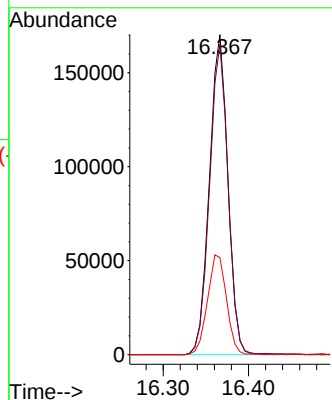
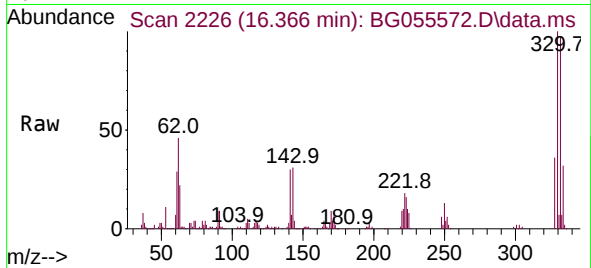




#42
2,4,6-Tribromophenol
Concen: 155.912 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

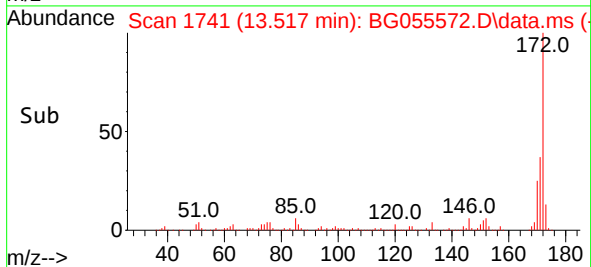
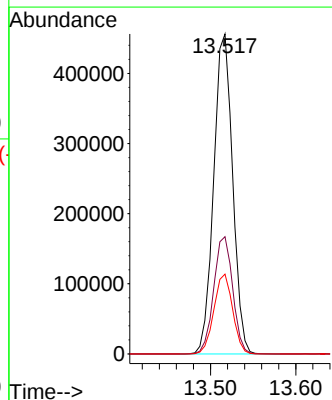
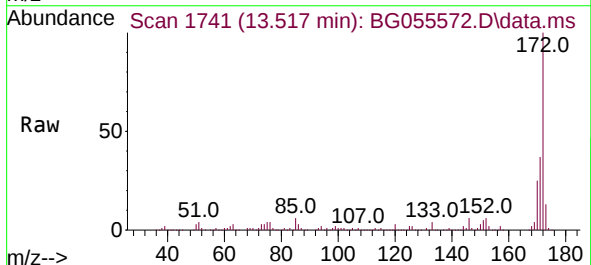
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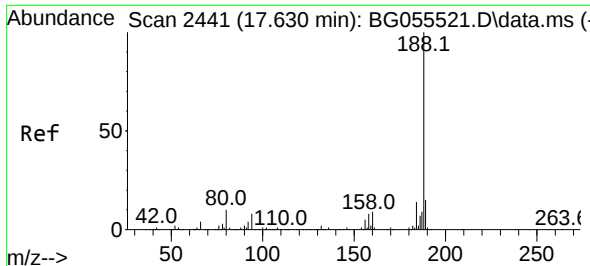
Tgt Ion:330 Resp: 256399
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 32.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.872 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:172 Resp: 702523
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.9 19.8 29.6

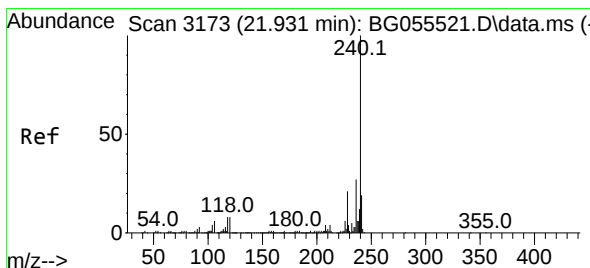
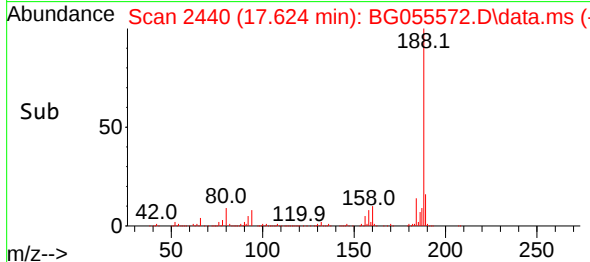
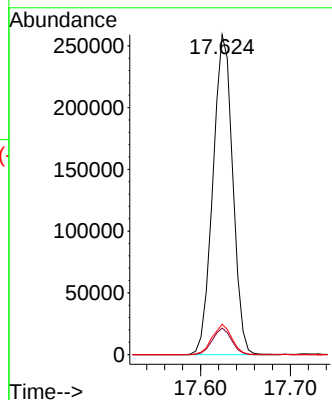
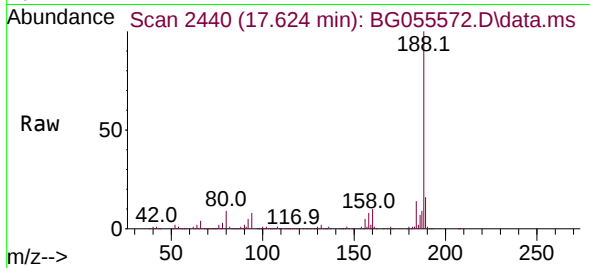




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

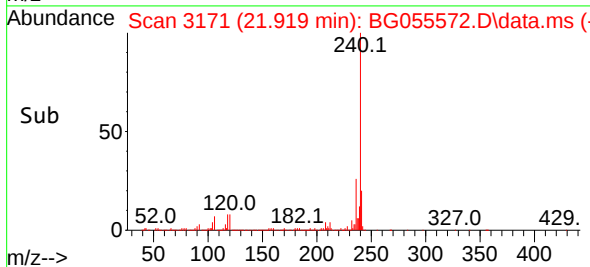
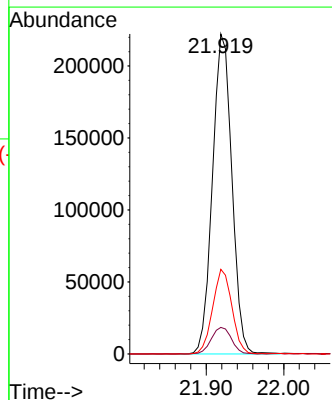
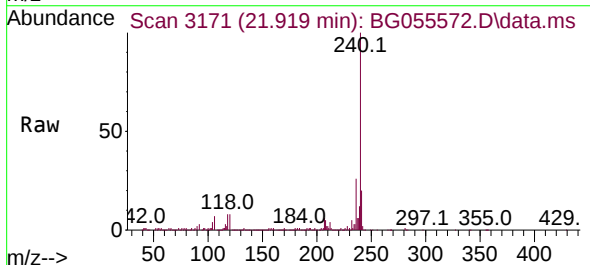
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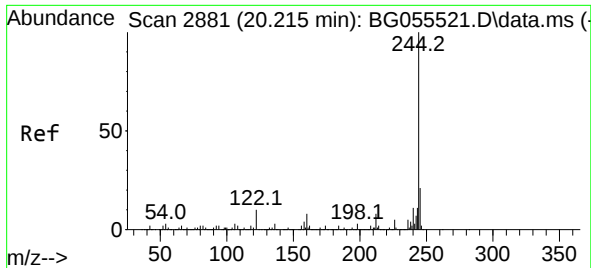
Tgt Ion:188 Resp: 398635
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:240 Resp: 386468
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 26.4 21.4 32.0

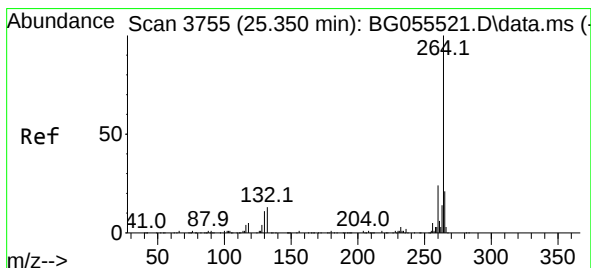
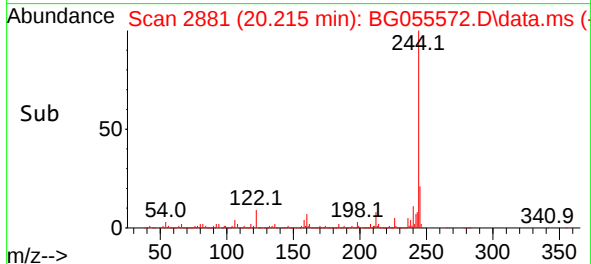
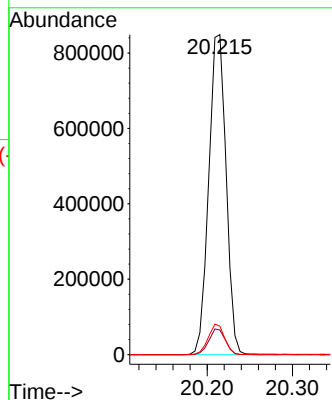
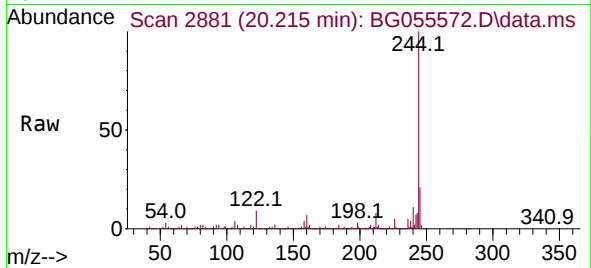




#79
 Terphenyl-d14
 Concen: 62.341 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1199510
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 3753
 Delta R.T. -0.012 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

Tgt Ion:264 Resp: 399793
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.3 17.1 25.7

