

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055321.D
 Acq On : 27 Oct 2022 13:05
 Operator : CG/JU
 Sample : N5220-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HFI-CON-1020

Quant Time: Oct 27 15:20:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	34019	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	140740	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	90380	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	193046	20.000	ng	0.00
76) Chrysene-d12	21.896	240	189675	20.000	ng	0.00
86) Perylene-d12	25.298	264	203016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	133797	68.866	ng	0.00
7) Phenol-d6	7.418	99	233986	83.128	ng	0.00
23) Nitrobenzene-d5	9.446	82	156942	56.942	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	32776	33.359	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	357214	64.690	ng	0.00
79) Terphenyl-d14	20.192	244	576358	63.134	ng	0.00

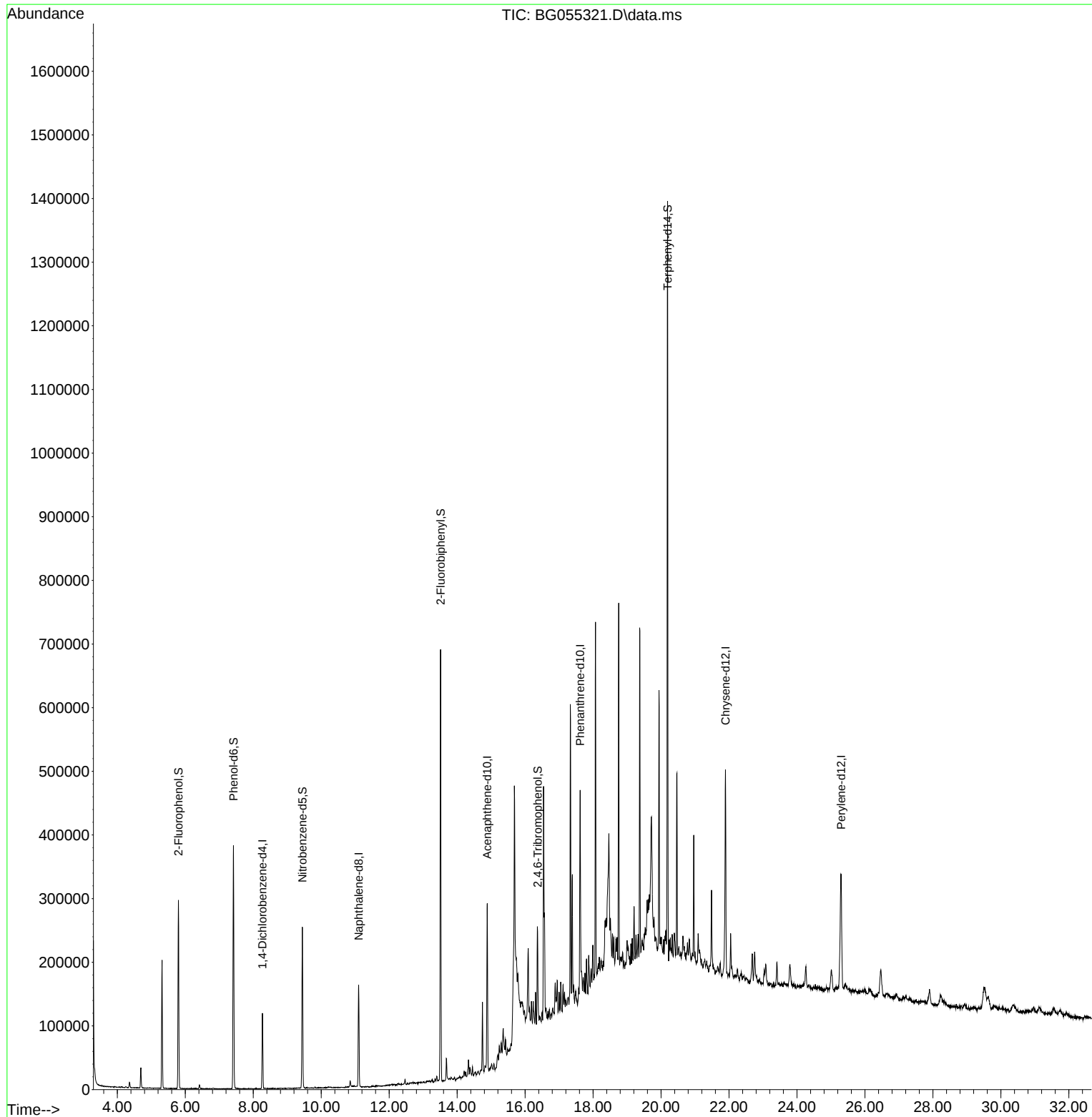
Target Compounds	Qvalue

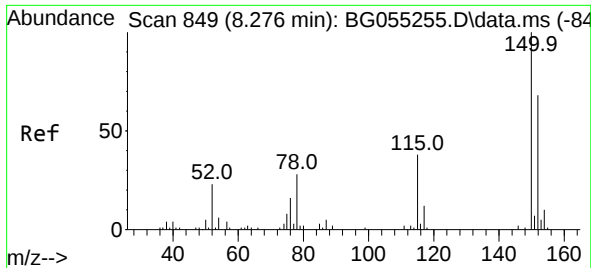
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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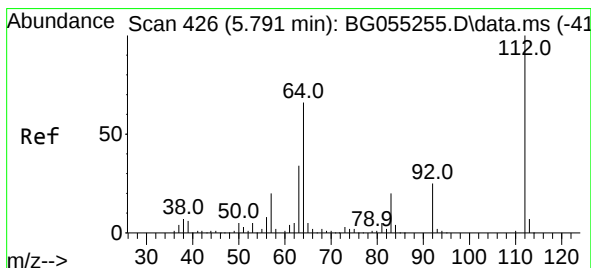
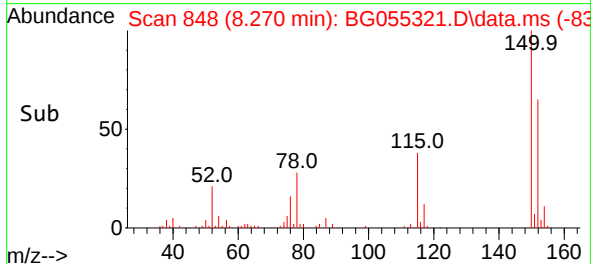
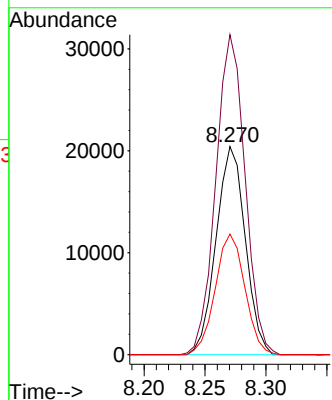
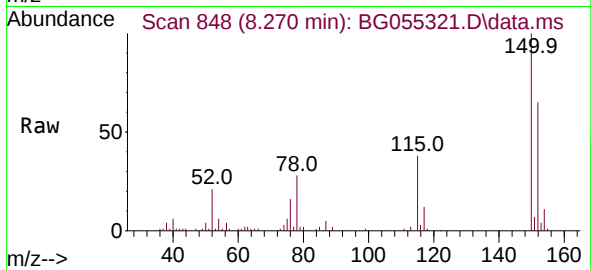




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

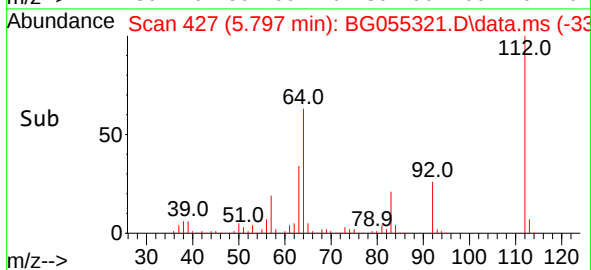
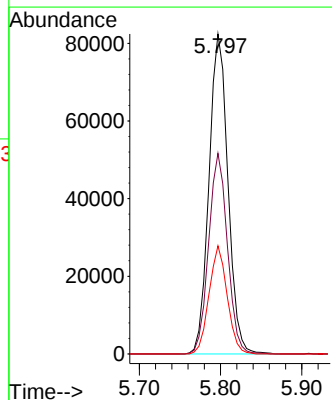
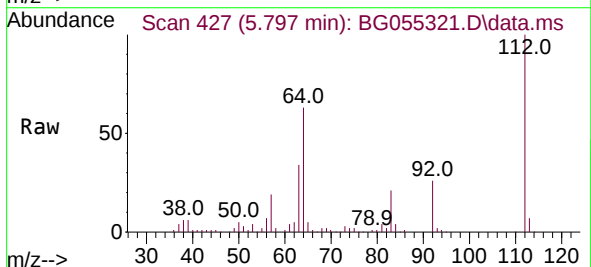
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

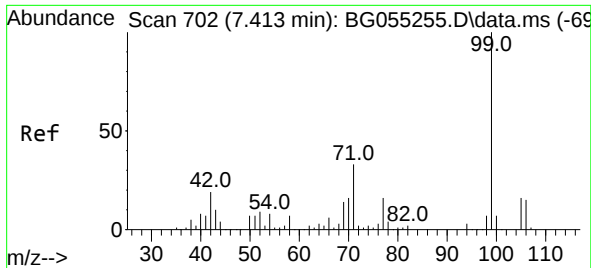
Tgt Ion:152 Resp: 34019
Ion Ratio Lower Upper
152 100
150 153.8 118.2 177.4
115 57.9 44.5 66.7



#5
2-Fluorophenol
Concen: 68.866 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:112 Resp: 133797
Ion Ratio Lower Upper
112 100
64 62.7 52.6 78.8
63 33.8 27.1 40.7

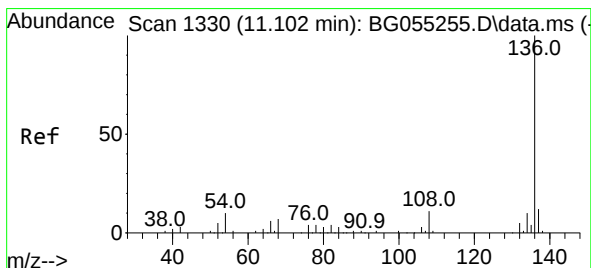
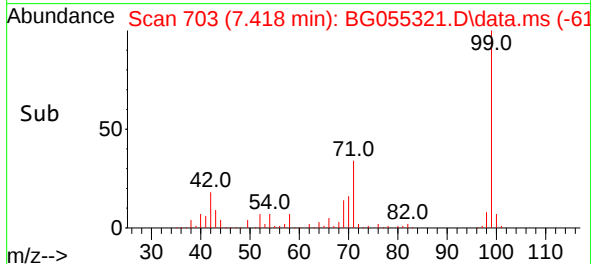
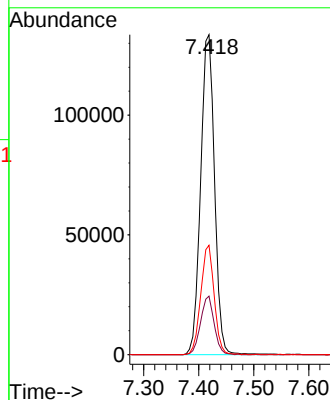
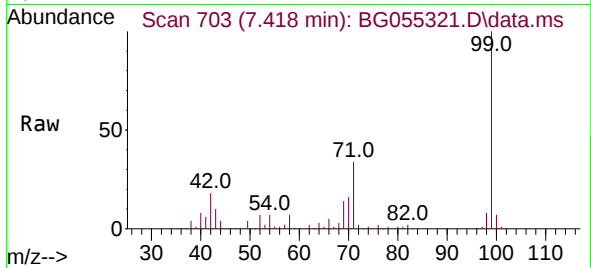




#7
Phenol-d6
Concen: 83.128 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

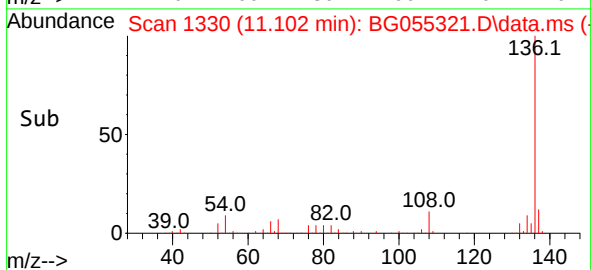
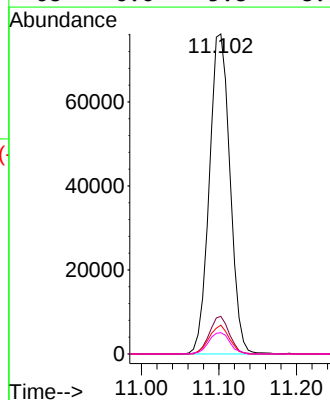
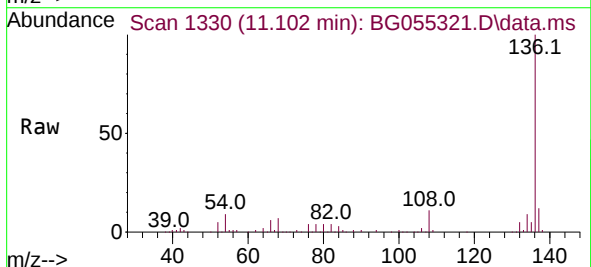
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

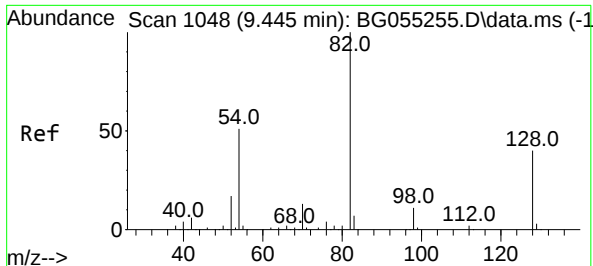
Tgt Ion: 99 Resp: 233986
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 34.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion: 136 Resp: 140740
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.0 7.8 11.8
68 6.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 56.942 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BG055321.D

Acq: 27 Oct 2022 13:05

Instrument :

BNA_G

ClientSampleId :

HFI-CON-1020

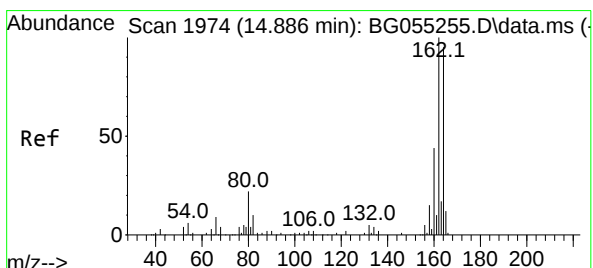
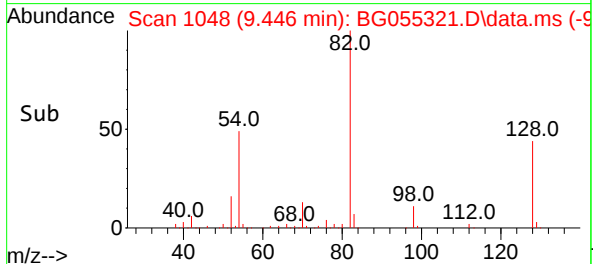
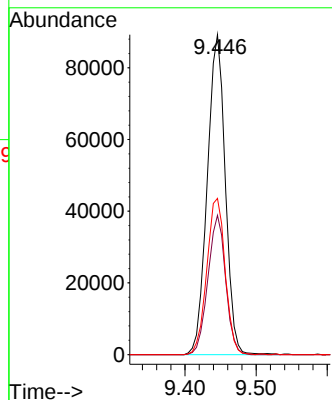
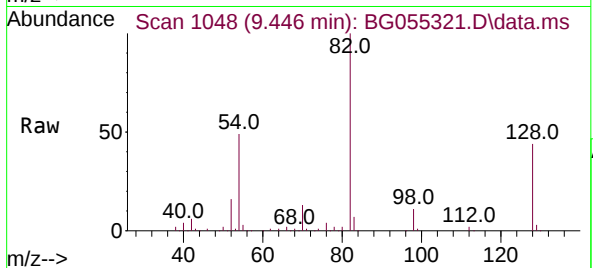
Tgt Ion: 82 Resp: 156942

Ion Ratio Lower Upper

82 100

128 43.6 32.0 48.0

54 48.8 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BG055321.D

Acq: 27 Oct 2022 13:05

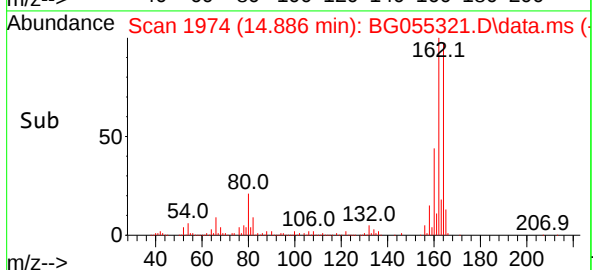
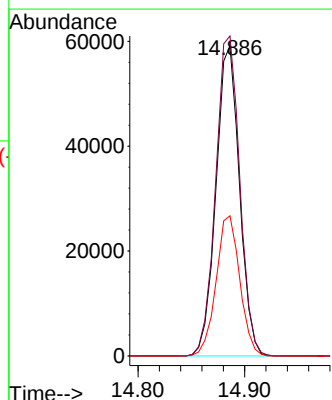
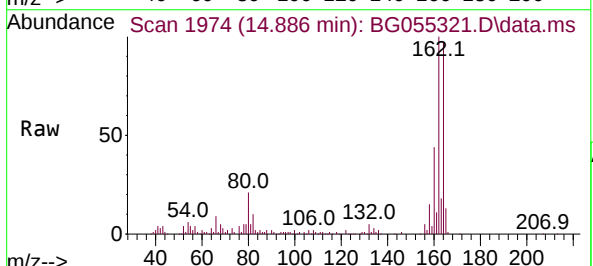
Tgt Ion:164 Resp: 90380

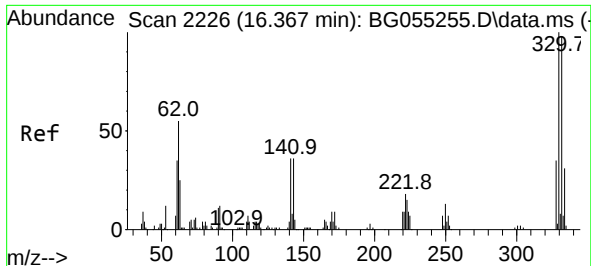
Ion Ratio Lower Upper

164 100

162 103.1 84.0 126.0

160 45.1 36.7 55.1

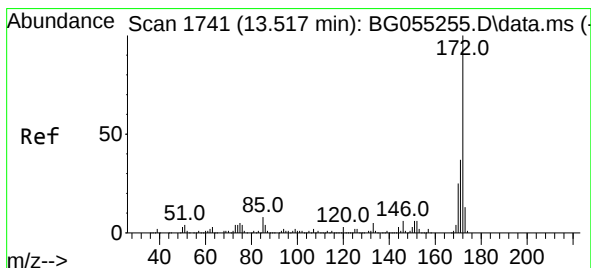
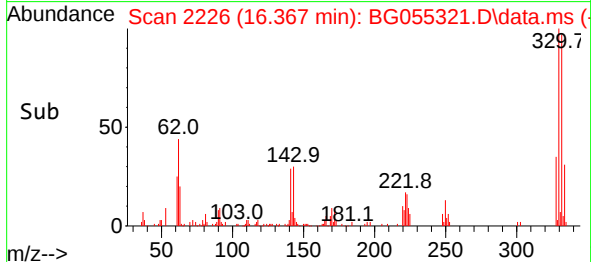
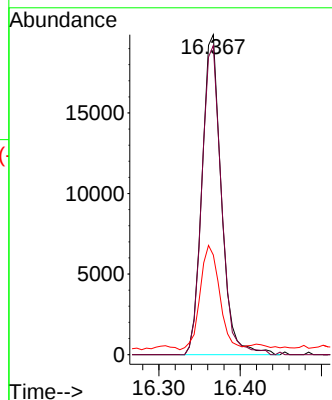
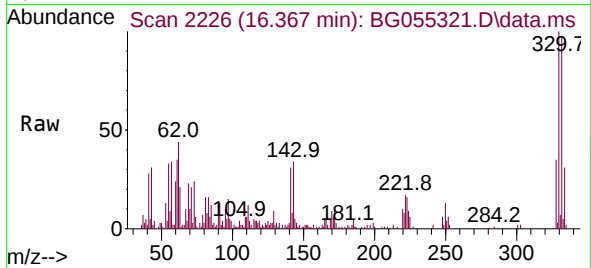




#42
 2,4,6-Tribromophenol
 Concen: 33.359 ng
 RT: 16.367 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

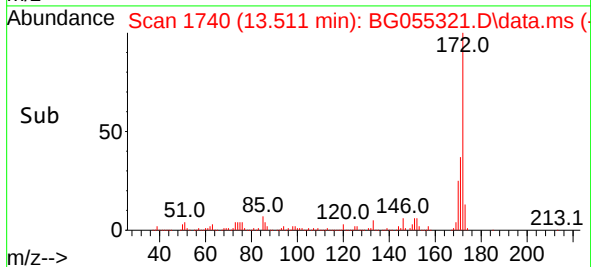
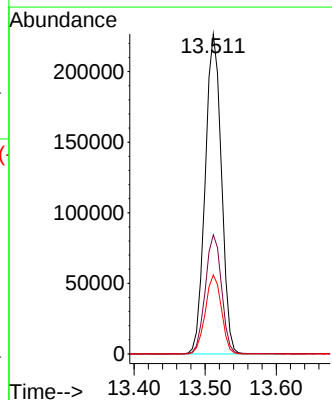
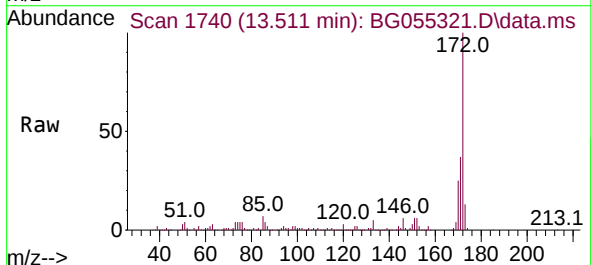
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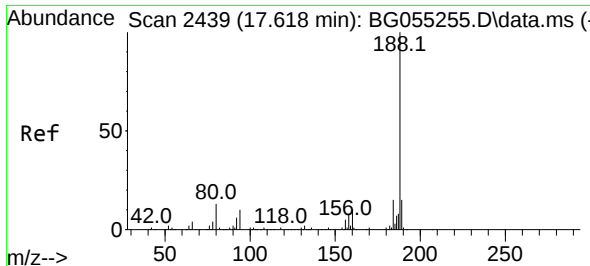
Tgt Ion:330 Resp: 32776
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 32.9 29.8 44.8



#45
 2-Fluorobiphenyl
 Concen: 64.690 ng
 RT: 13.511 min Scan# 1740
 Delta R.T. -0.006 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

Tgt Ion:172 Resp: 357214
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 20.2 30.2

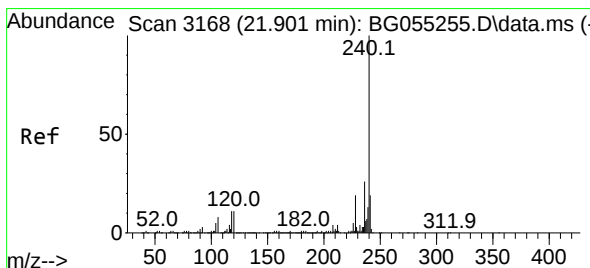
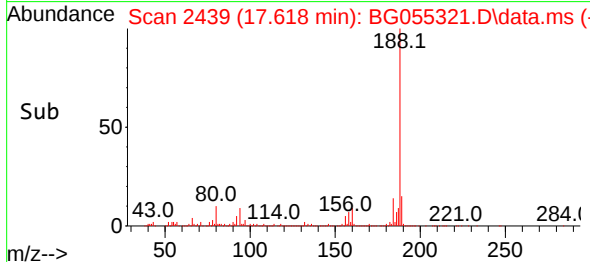
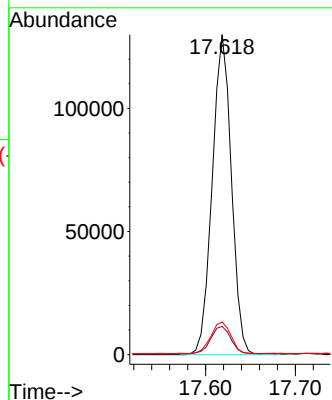
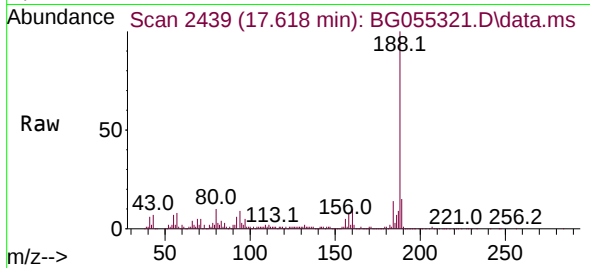




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

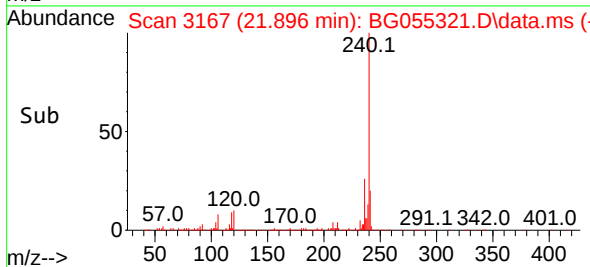
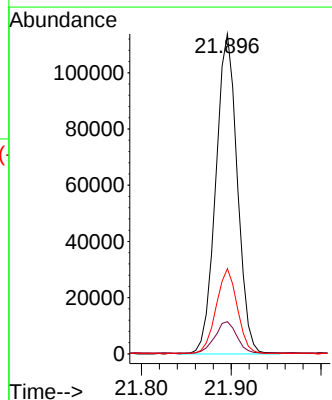
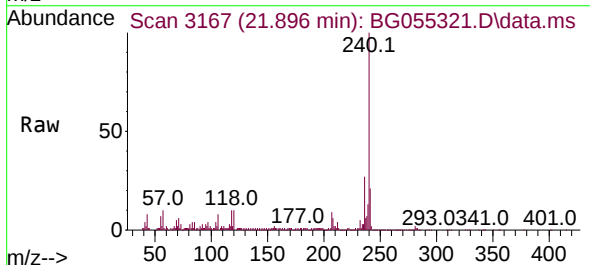
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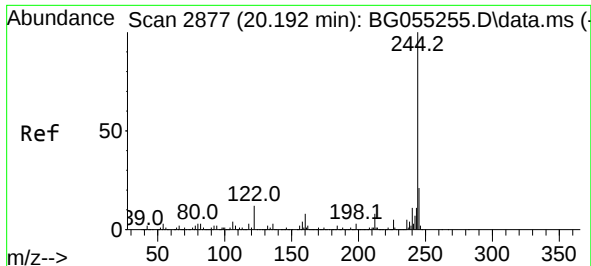
Tgt Ion:188 Resp: 193046
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 10.2 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:240 Resp: 189675
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.6 21.0 31.4

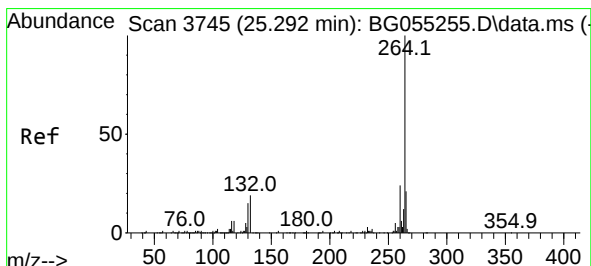
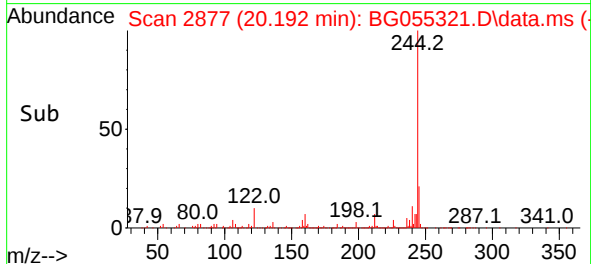
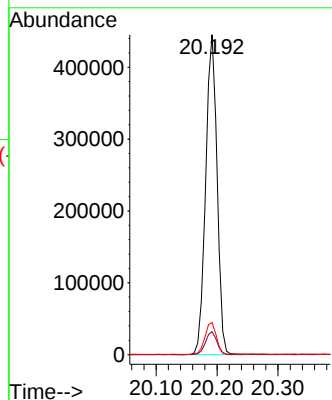
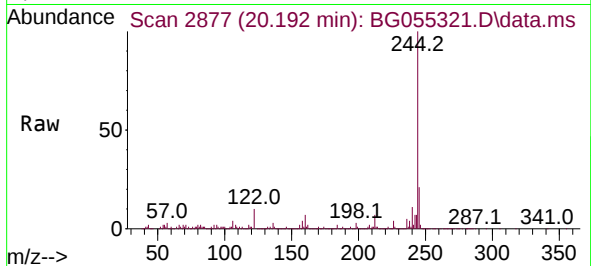




#79
 Terphenyl-d14
 Concen: 63.134 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 576358
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.298 min Scan# 3746
 Delta R.T. 0.006 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

Tgt Ion:264 Resp: 203016
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 17.4 26.2

