

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055613.D
 Acq On : 14 Nov 2022 20:48
 Operator : CG/JU
 Sample : N5531-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28B

Quant Time: Nov 15 01:05:54 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	8.267	152	56697	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	230039	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	156852	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	342605	20.000	ng	0.00
76) Chrysene-d12	21.928	240	310291	20.000	ng	0.00
86) Perylene-d12	25.359	264	330645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	436620	146.682	ng	0.00
7) Phenol-d6	7.403	99	567465	138.011	ng	0.00
23) Nitrobenzene-d5	9.436	82	368274	108.529	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	290862	190.055	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	846149	81.371	ng	0.00
79) Terphenyl-d14	20.218	244	1230942	79.681	ng	0.00

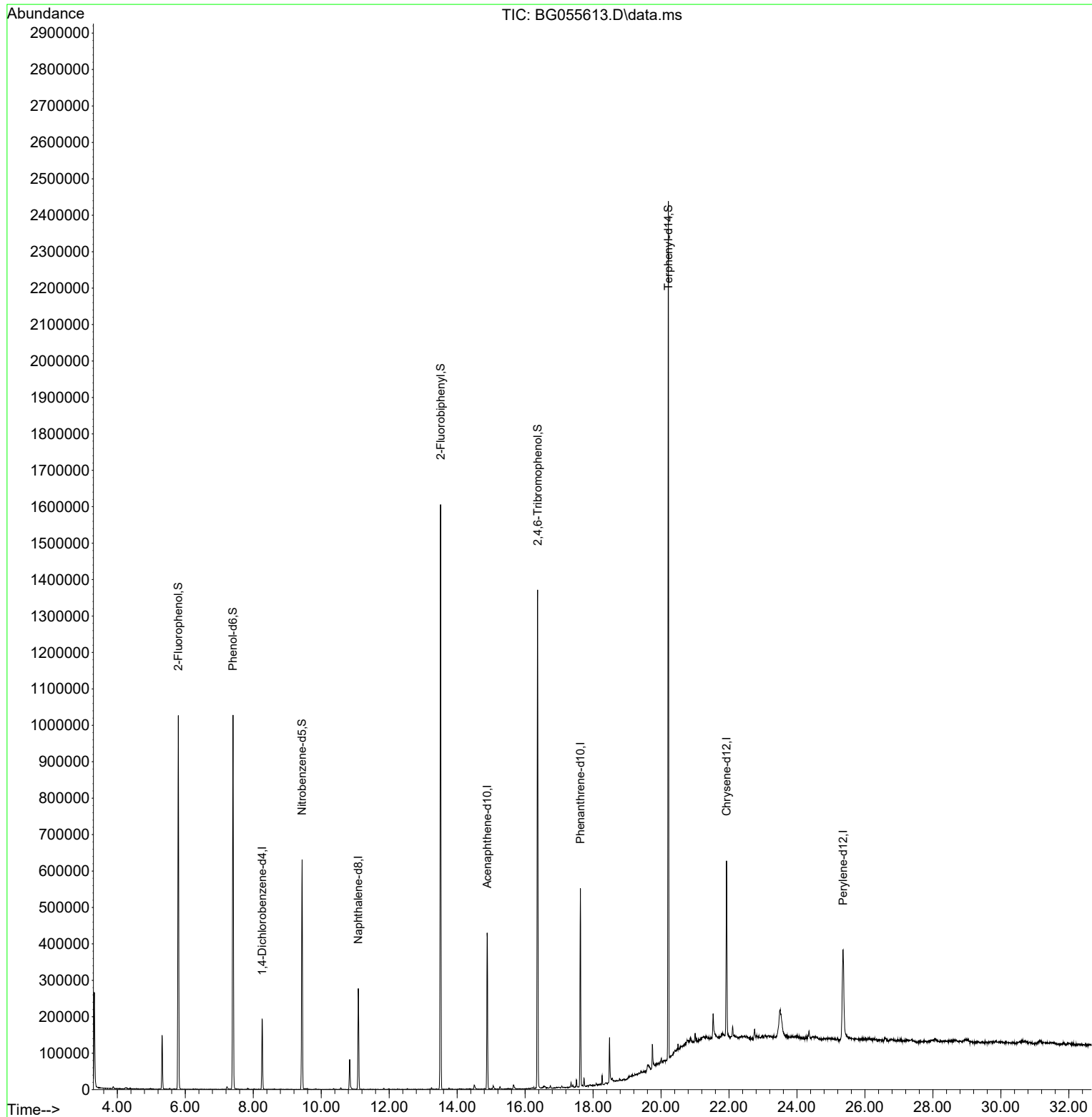
Target Compounds	Qvalue

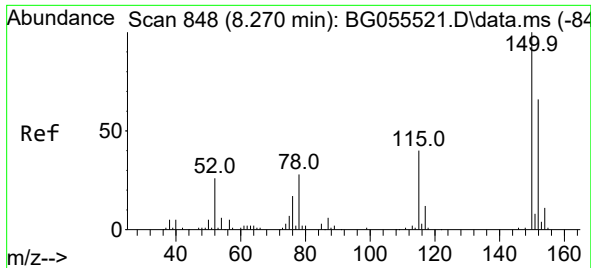
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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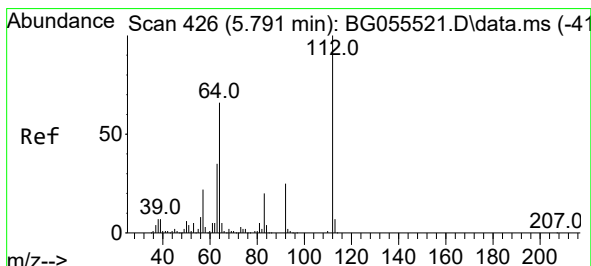
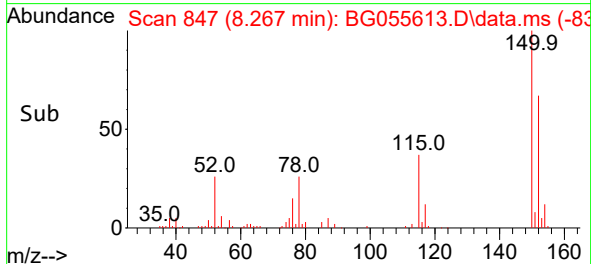
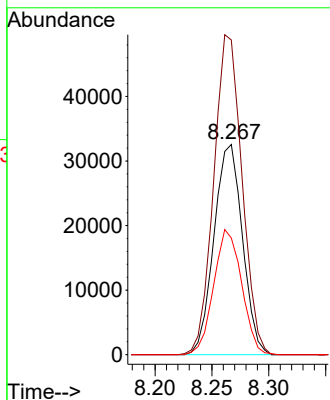
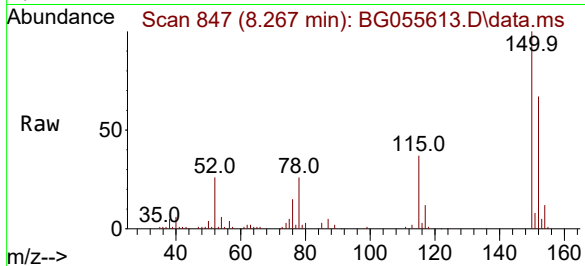




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

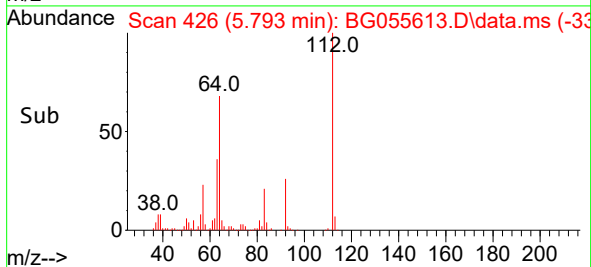
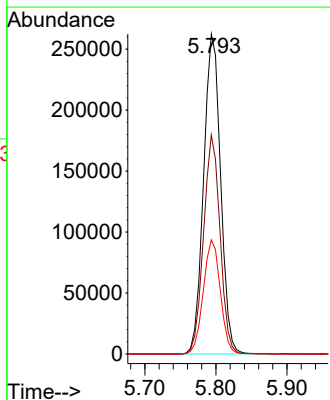
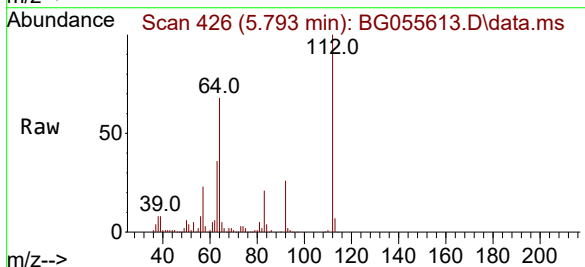
Instrument :
BNA_G
ClientSampleId :
SB-28B

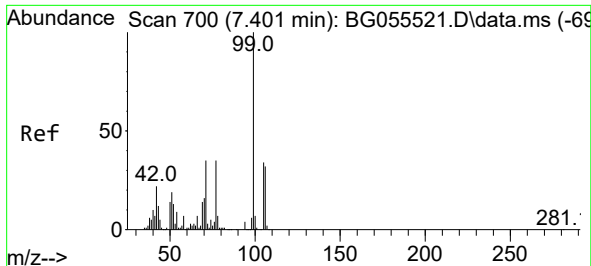
Tgt Ion:152 Resp: 56697
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 55.5 47.8 71.8



#5
2-Fluorophenol
Concen: 146.682 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:112 Resp: 436620
Ion Ratio Lower Upper
112 100
64 68.4 52.6 78.8
63 35.6 28.3 42.5

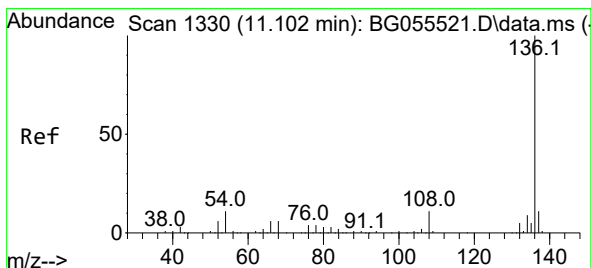
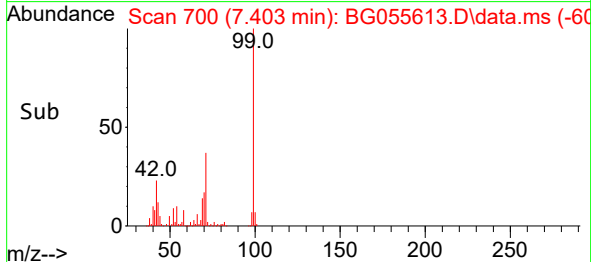
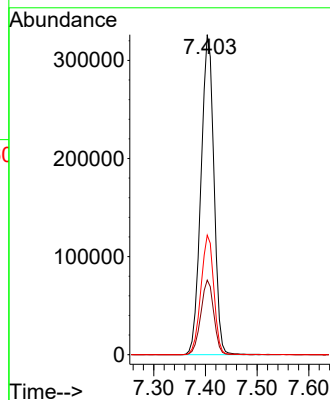
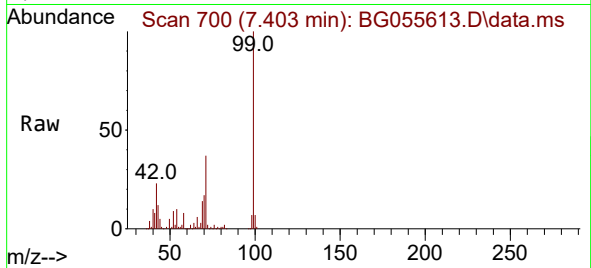




#7
Phenol-d6
Concen: 138.011 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

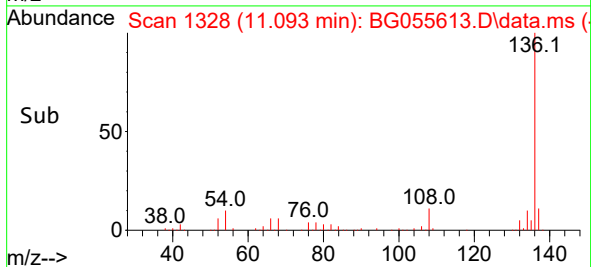
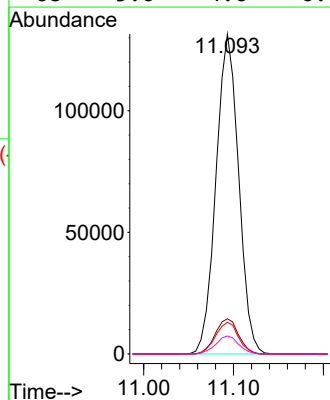
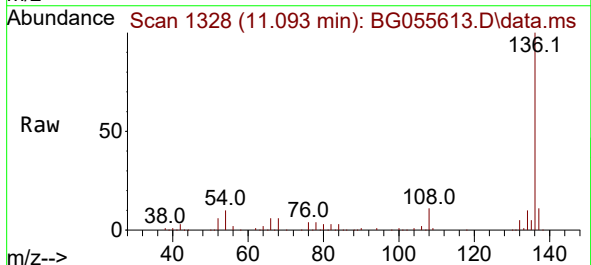
Instrument :
BNA_G
ClientSampleId :
SB-28B

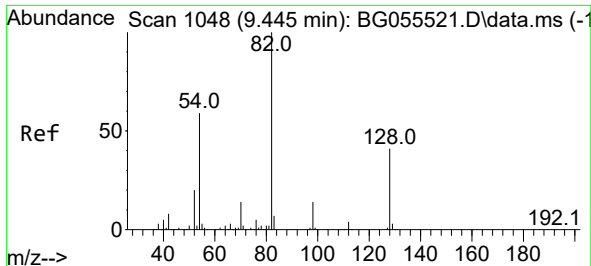
Tgt Ion: 99 Resp: 567465
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 37.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.009 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion: 136 Resp: 230039
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.6 12.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 108.529 ng

RT: 9.436 min Scan# 1046

Delta R.T. -0.009 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

Instrument :

BNA_G

ClientSampleId :

SB-28B

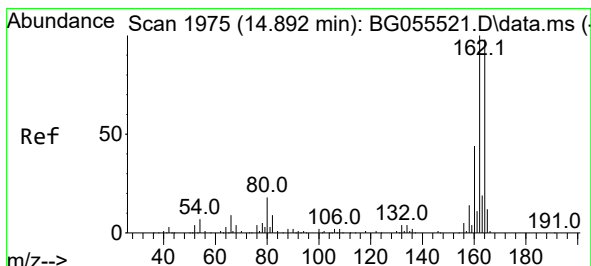
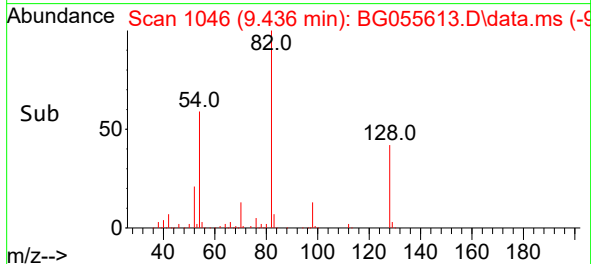
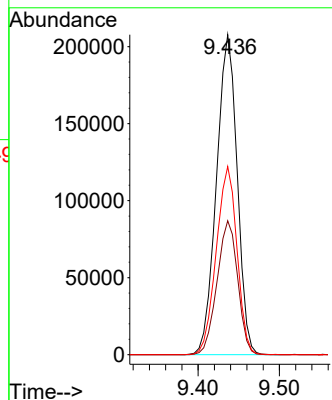
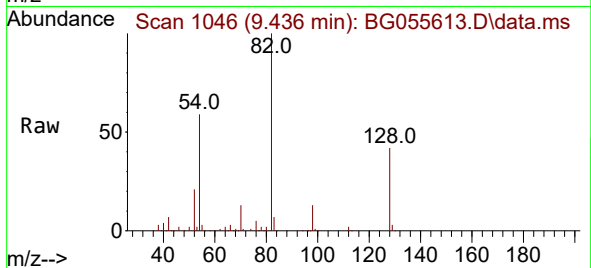
Tgt Ion: 82 Resp: 368274

Ion Ratio Lower Upper

82 100

128 41.8 32.6 49.0

54 58.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

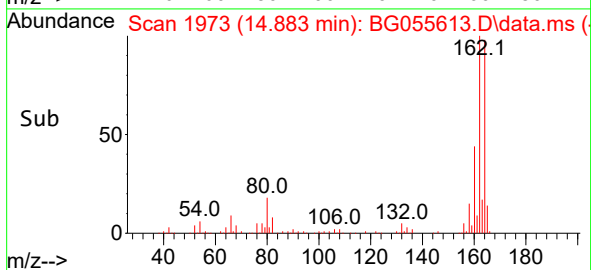
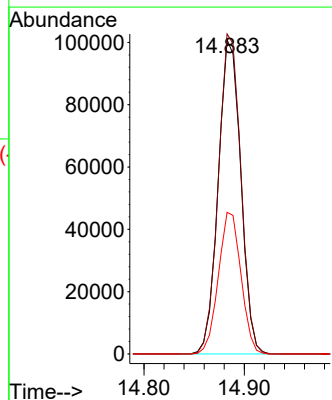
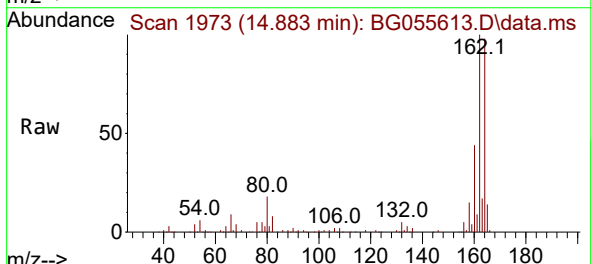
Tgt Ion:164 Resp: 156852

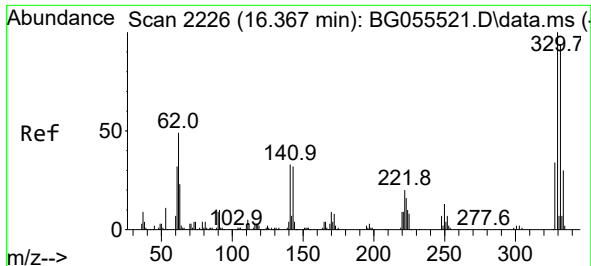
Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 45.1 35.9 53.9

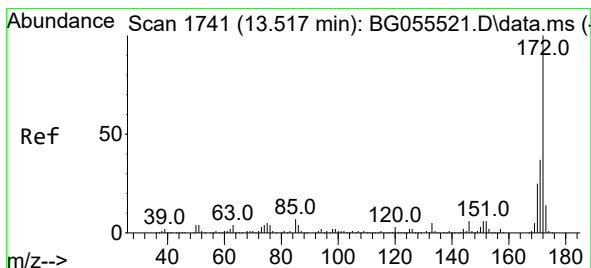
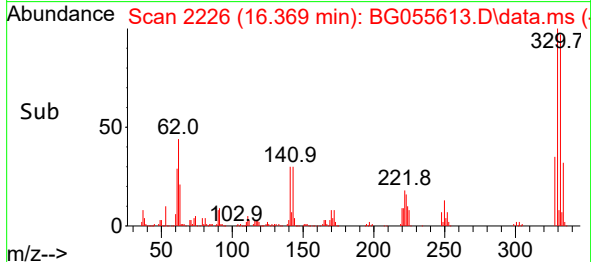
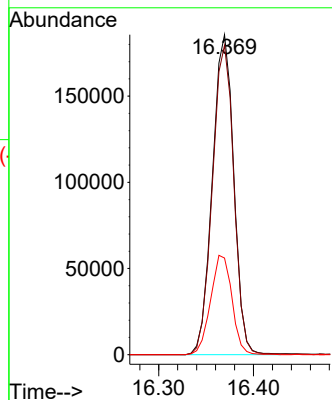
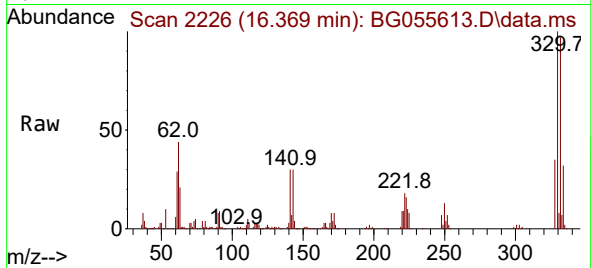




#42
 2,4,6-Tribromophenol
 Concen: 190.055 ng
 RT: 16.369 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

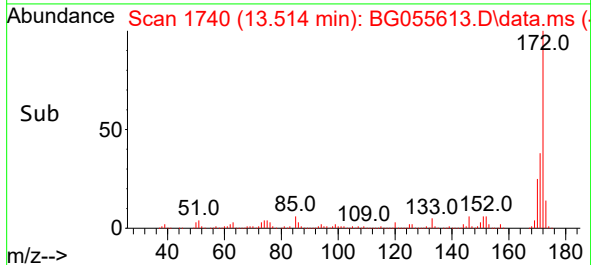
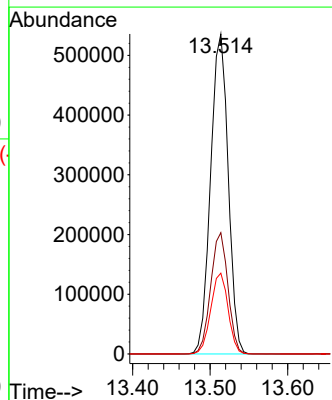
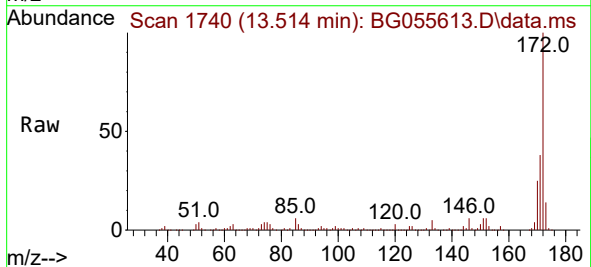
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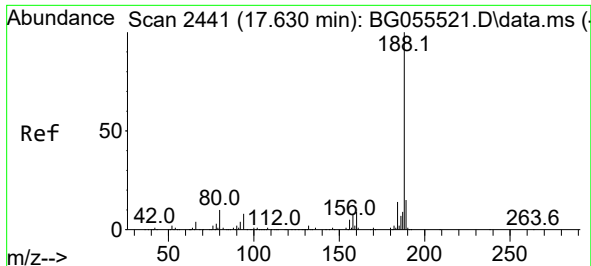
Tgt Ion:330 Resp: 290862
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 31.0 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 81.371 ng
 RT: 13.514 min Scan# 1740
 Delta R.T. -0.003 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

Tgt Ion:172 Resp: 846149
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 25.3 19.8 29.6

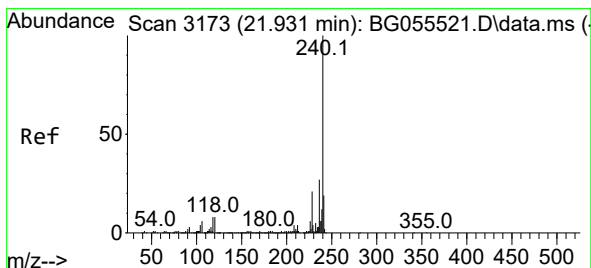
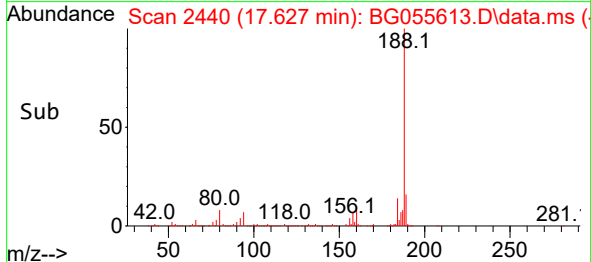
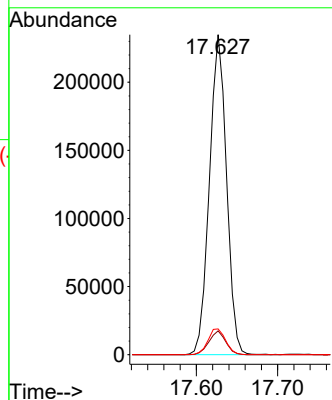
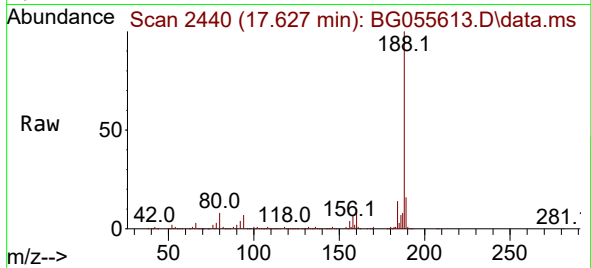




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

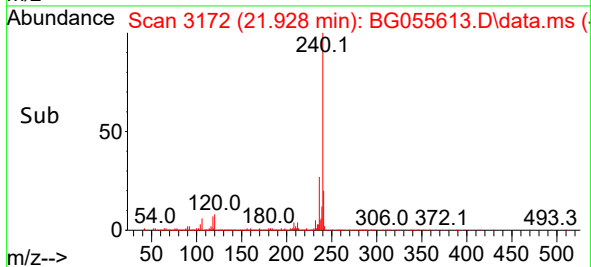
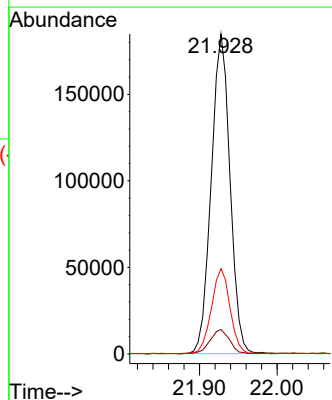
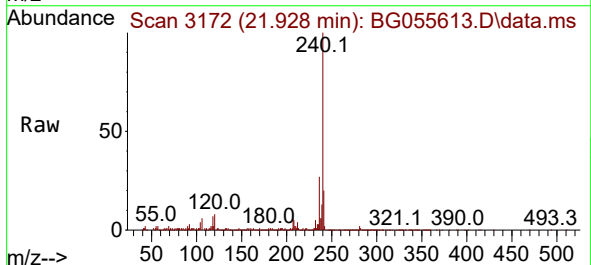
Instrument :
BNA_G
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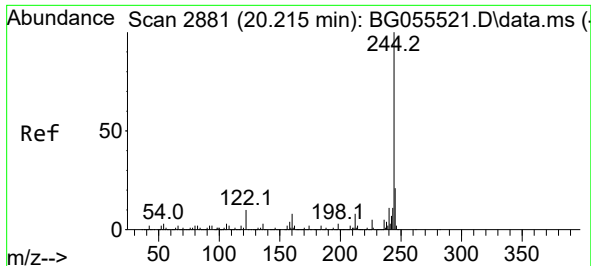
Tgt Ion:188 Resp: 342605
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. -0.003 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:240 Resp: 310291
Ion Ratio Lower Upper
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120 7.6 6.1 9.1
236 26.7 21.4 32.0

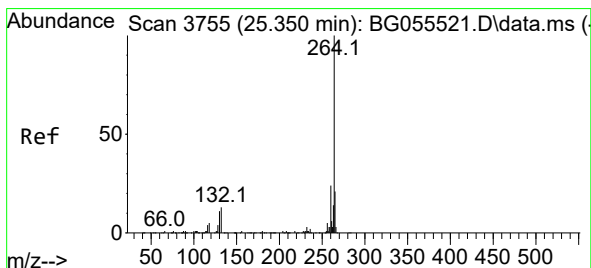
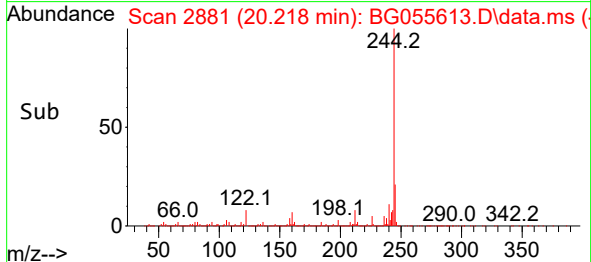
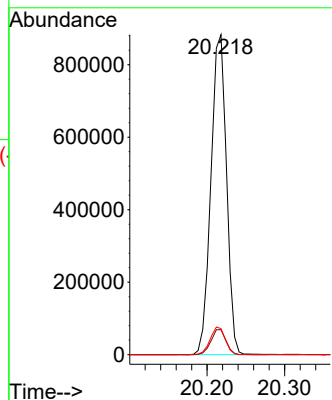
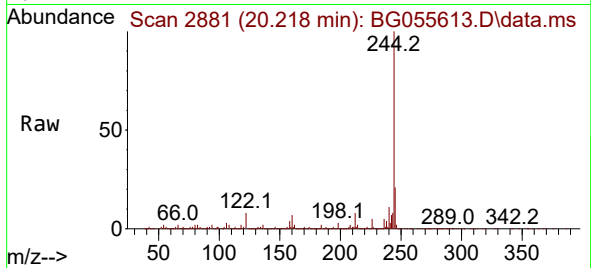




#79
 Terphenyl-d14
 Concen: 79.681 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1230942
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.359 min Scan# 3756
 Delta R.T. 0.009 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

Tgt Ion:264 Resp: 330645
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.3 17.1 25.7

