

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060895.D
 Acq On : 13 Apr 2024 15:53
 Operator : MA/JU
 Sample : P2070-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 15 01:18:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	56609	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	211473	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	171841	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	422995	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	383447	20.000	ng	#-0.01
86) Perylene-d12	24.727	264	442973	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	385345	113.399	ng	0.00
7) Phenol-d6	7.119	99	480187	95.197	ng	0.00
23) Nitrobenzene-d5	9.105	82	401862	108.434	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	369354	189.347	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	991665	84.694	ng	-0.01
79) Terphenyl-d14	19.951	244	1985145	91.160	ng	-0.01

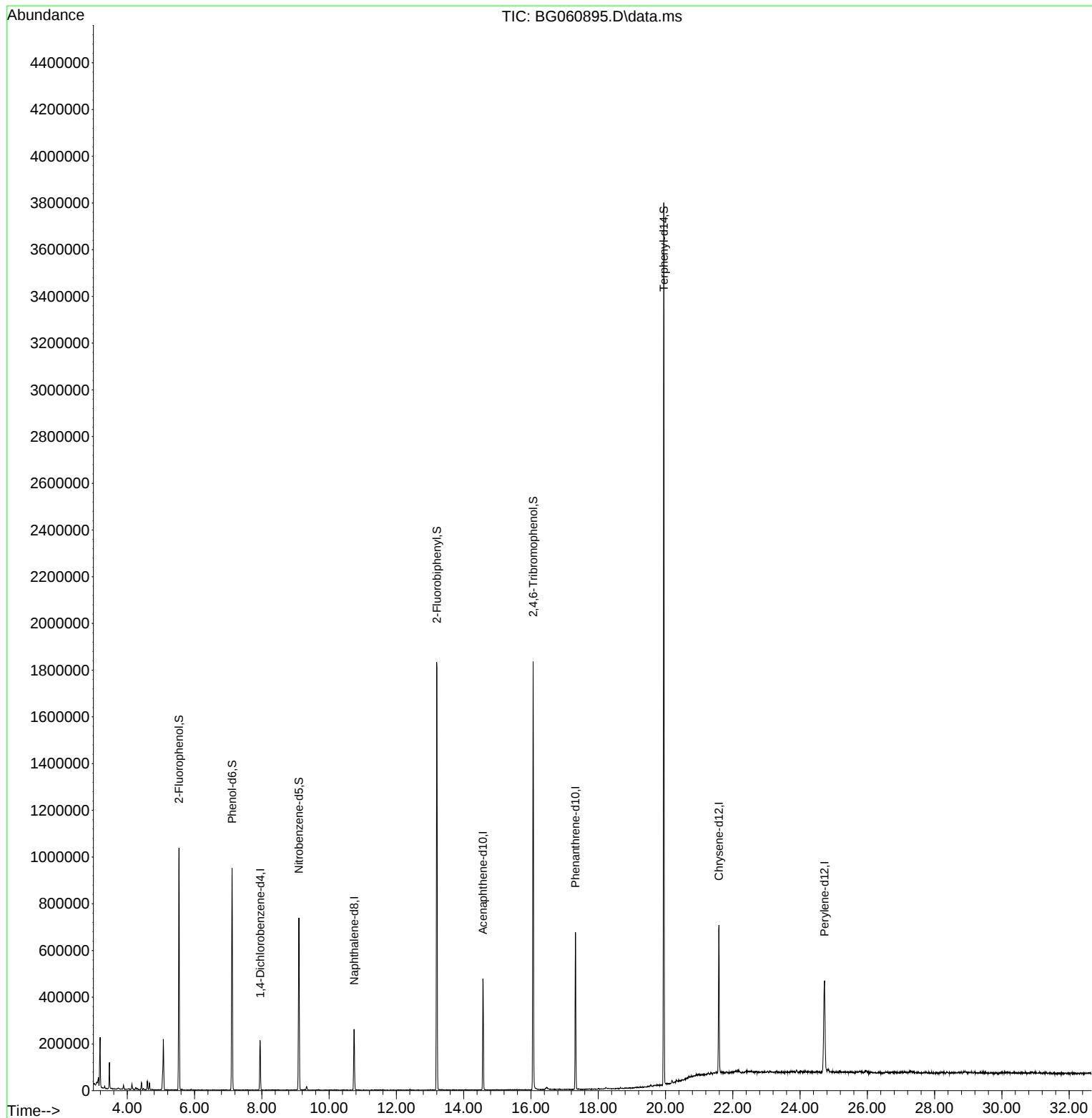
Target Compounds	Qvalue

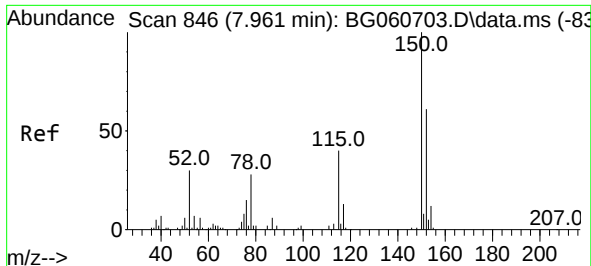
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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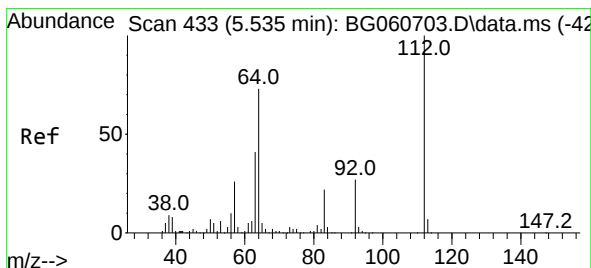
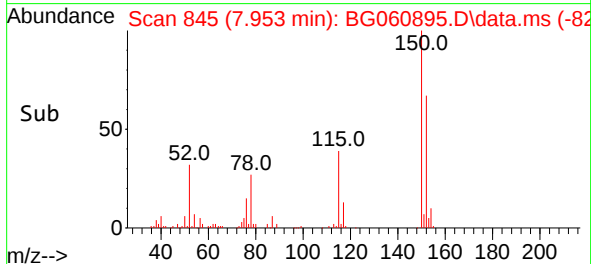
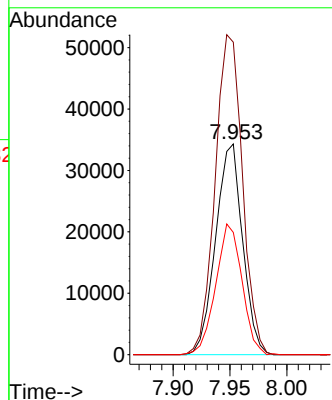
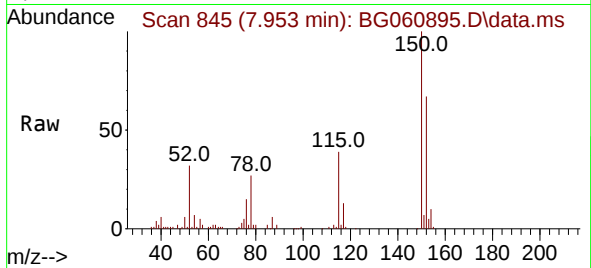




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 846
 Delta R.T. -0.008 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

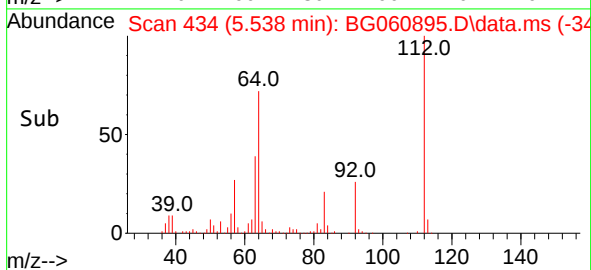
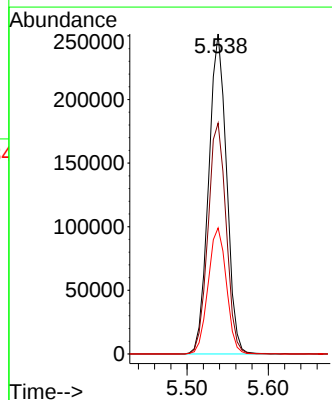
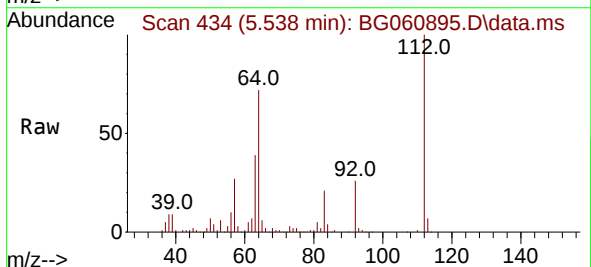
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

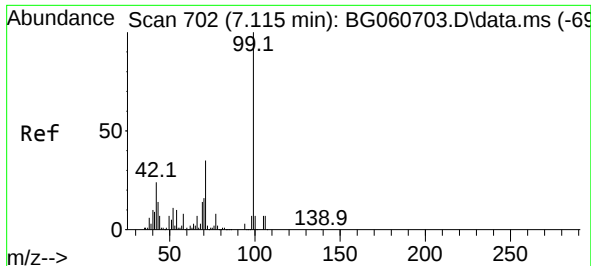
Tgt Ion:152 Resp: 56609
 Ion Ratio Lower Upper
 152 100
 150 148.3 130.2 195.4
 115 58.0 51.6 77.4



#5
 2-Fluorophenol
 Concen: 113.399 ng
 RT: 5.538 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

Tgt Ion:112 Resp: 385345
 Ion Ratio Lower Upper
 112 100
 64 72.2 58.4 87.6
 63 39.4 32.7 49.1

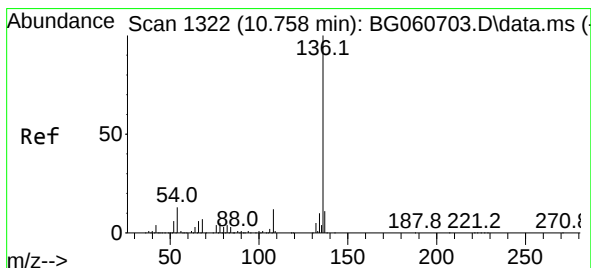
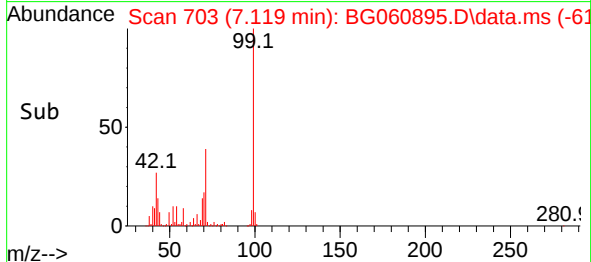
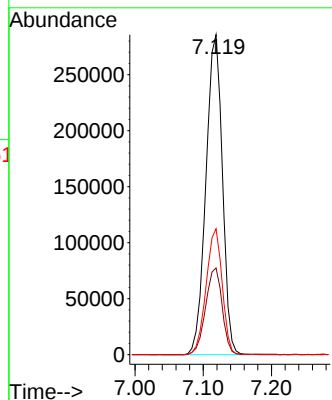
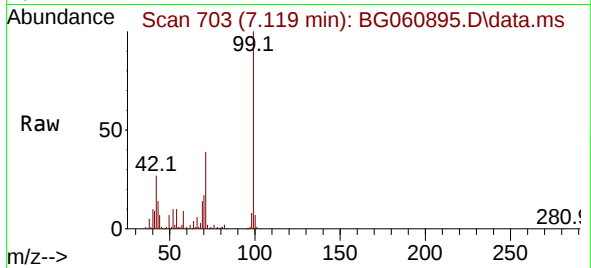




#7
Phenol-d6
Concen: 95.197 ng
RT: 7.119 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

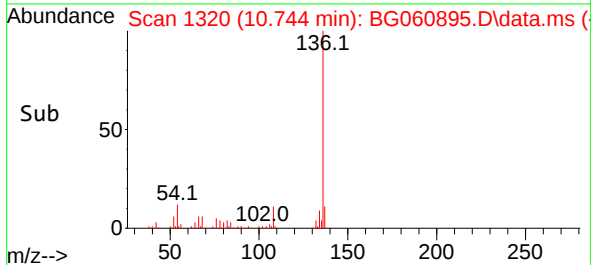
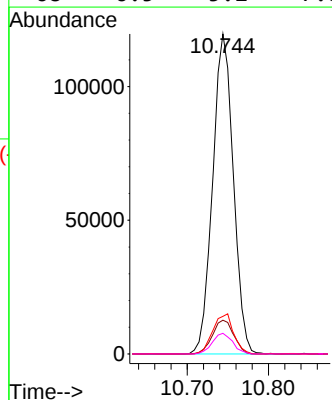
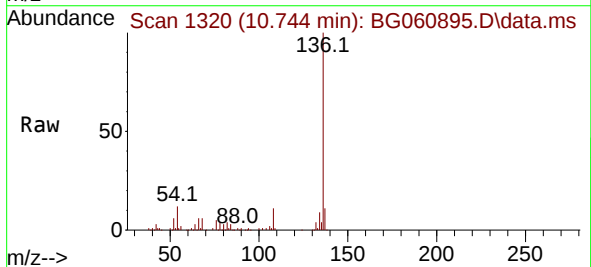
Instrument :
BNA_G
ClientSampleId :
TP-1

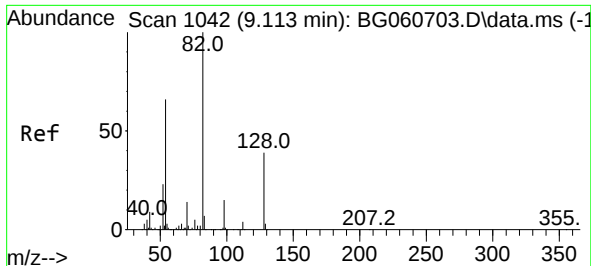
Tgt Ion: 99 Resp: 480187
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 39.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion: 136 Resp: 211473
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.8 10.2 15.2
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 108.434 ng

RT: 9.105 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

Instrument :

BNA_G

ClientSampleId :

TP-1

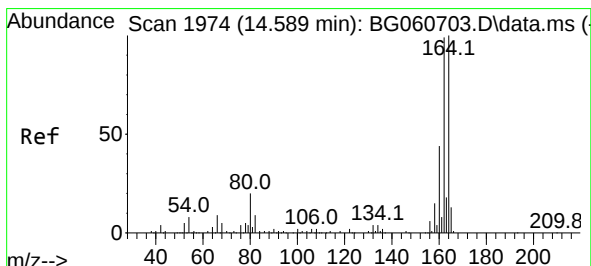
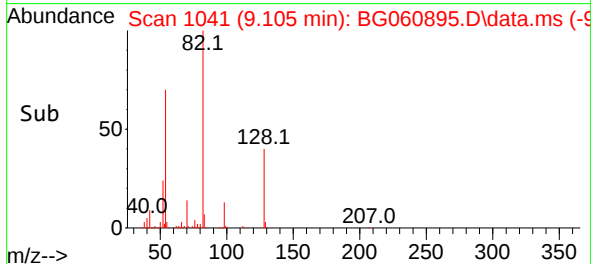
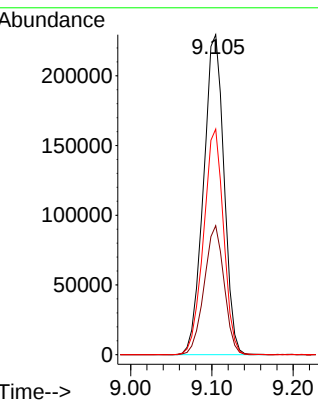
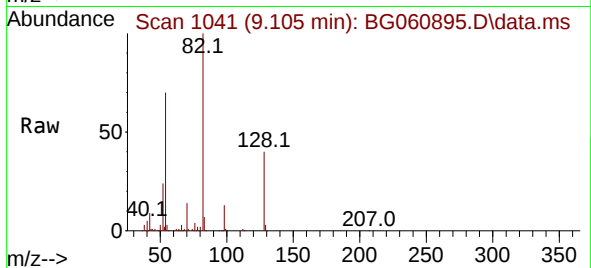
Tgt Ion: 82 Resp: 401862

Ion Ratio Lower Upper

82 100

128 40.3 31.2 46.8

54 70.5 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.014 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

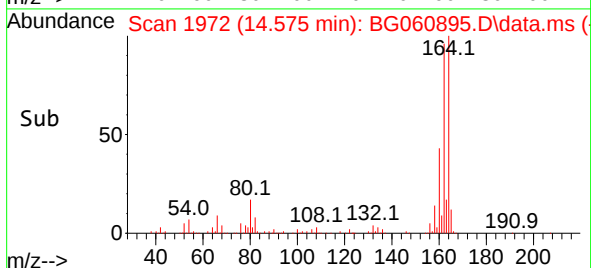
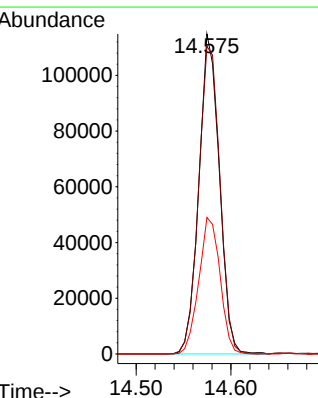
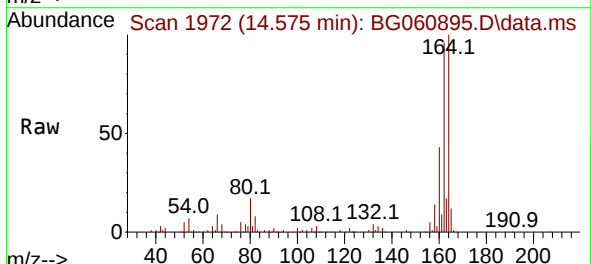
Tgt Ion:164 Resp: 171841

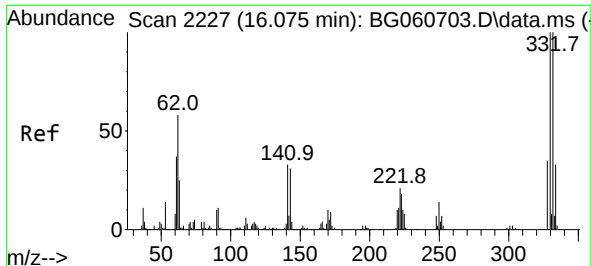
Ion Ratio Lower Upper

164 100

162 96.1 79.5 119.3

160 42.7 35.4 53.0

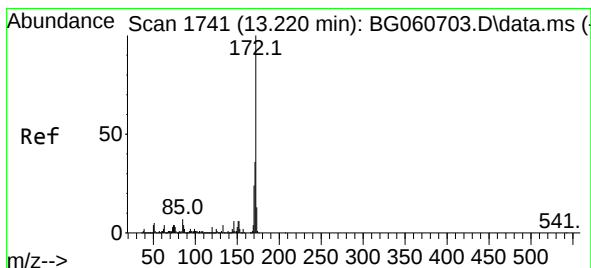
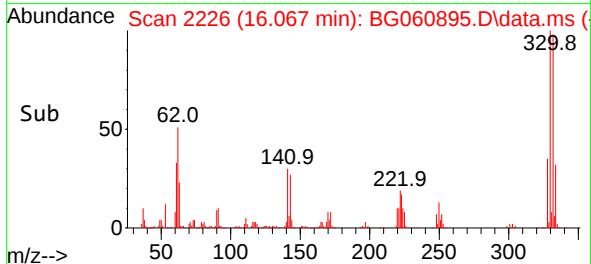
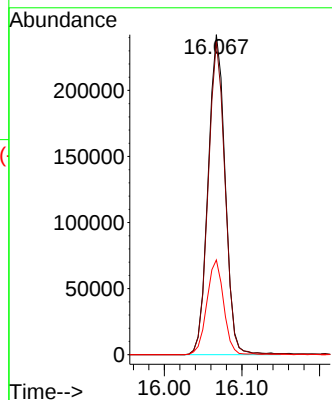
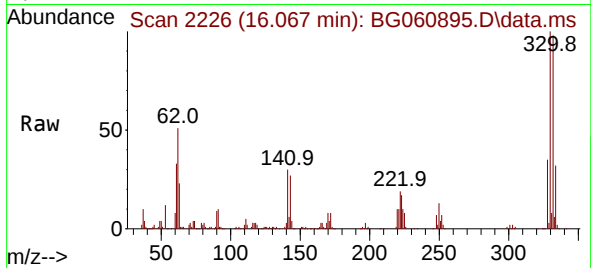




#42
2,4,6-Tribromophenol
Concen: 189.347 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

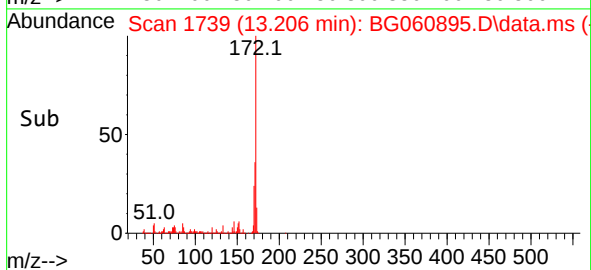
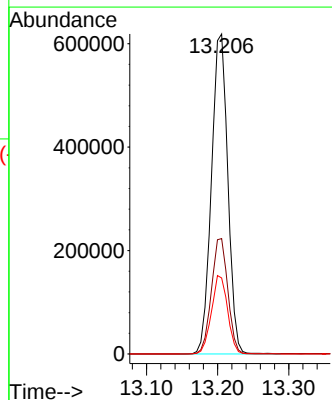
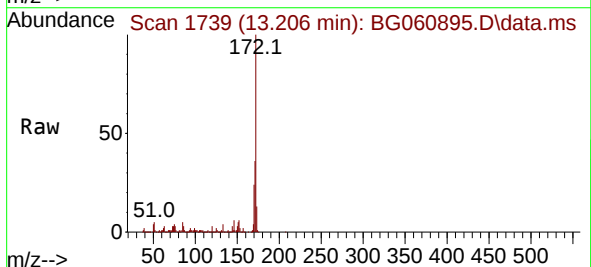
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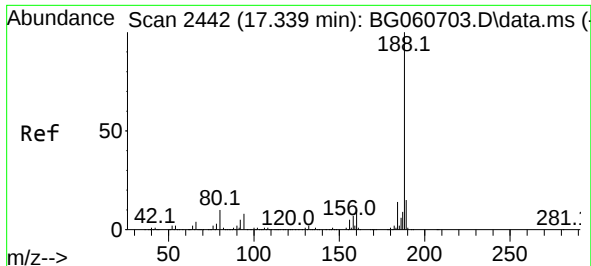
Tgt Ion:330 Resp: 369354
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 29.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.694 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:172 Resp: 991665
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.4 29.0

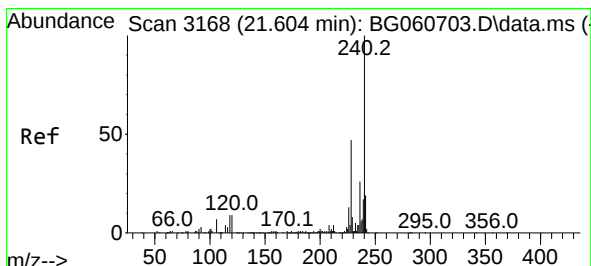
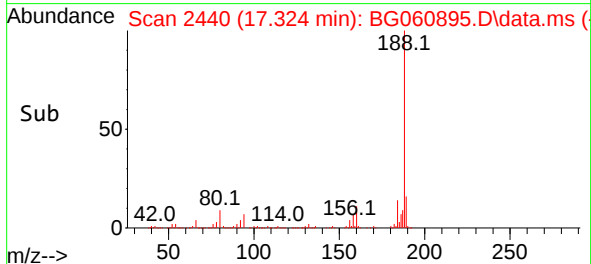
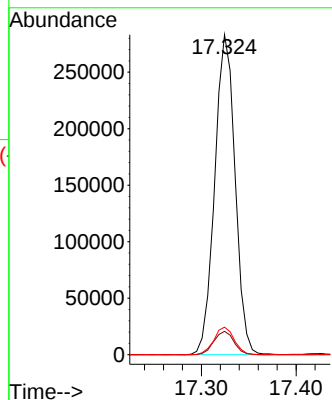
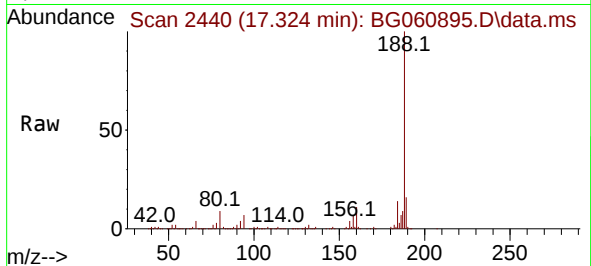




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

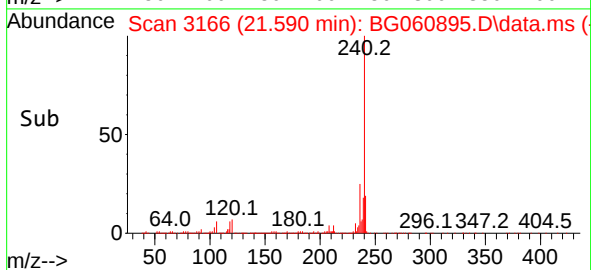
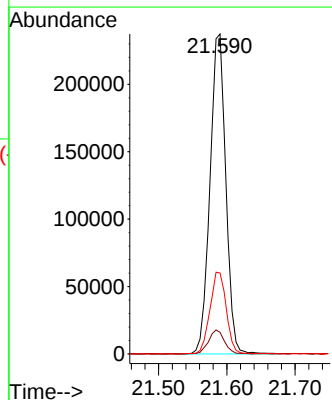
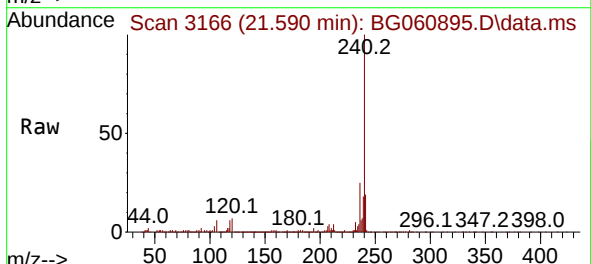
Instrument :
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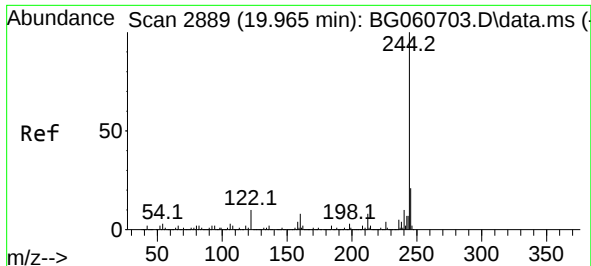
Tgt Ion:188 Resp: 422995
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:240 Resp: 383447
Ion Ratio Lower Upper
240 100
120 6.7 7.1 10.7#
236 25.3 20.7 31.1

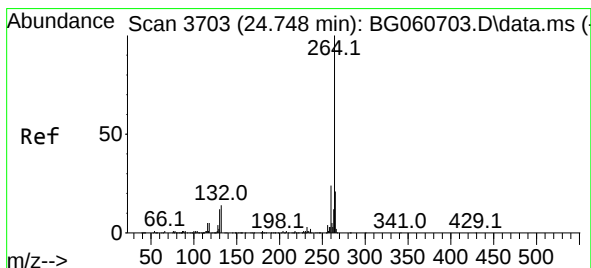
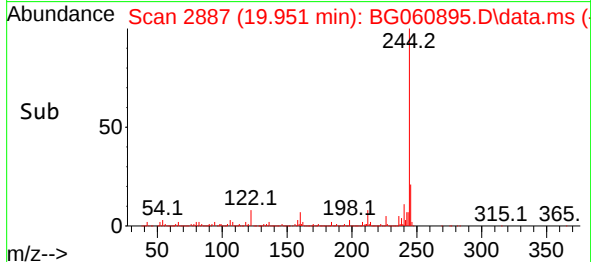
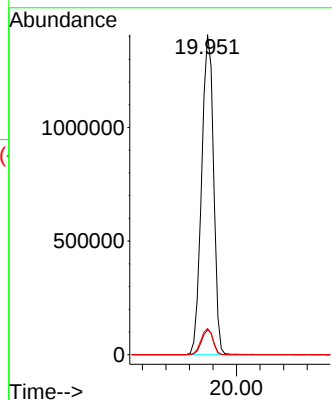
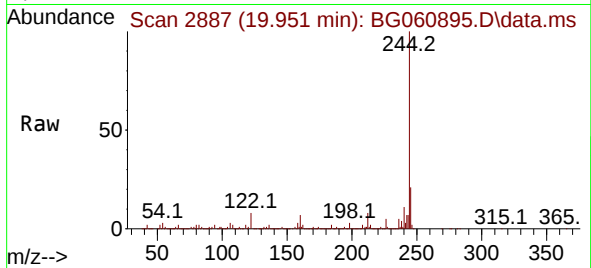




#79
 Terphenyl-d14
 Concen: 91.160 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1985145
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.020 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

Tgt Ion:264 Resp: 442973
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.3 16.9 25.3

