

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055894.D
 Acq On : 5 Dec 2022 21:13
 Operator : CG/JU
 Sample : N5864-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Quant Time: Dec 06 04:48:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	32282	20.000	ng	0.00
21) Naphthalene-d8	11.002	136	145286	20.000	ng	0.00
39) Acenaphthene-d10	14.803	164	109666	20.000	ng	0.00
64) Phenanthrene-d10	17.547	188	260964	20.000	ng	0.00
76) Chrysene-d12	21.824	240	242580	20.000	ng	-0.01
86) Perylene-d12	25.179	264	256629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	141671	79.324	ng	0.00
7) Phenol-d6	7.330	99	274541	115.478	ng	0.00
23) Nitrobenzene-d5	9.345	82	196650	71.541	ng	0.00
42) 2,4,6-Tribromophenol	16.290	330	68046	44.064	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	515342	70.400	ng	0.00
79) Terphenyl-d14	20.132	244	892405	73.581	ng	0.00

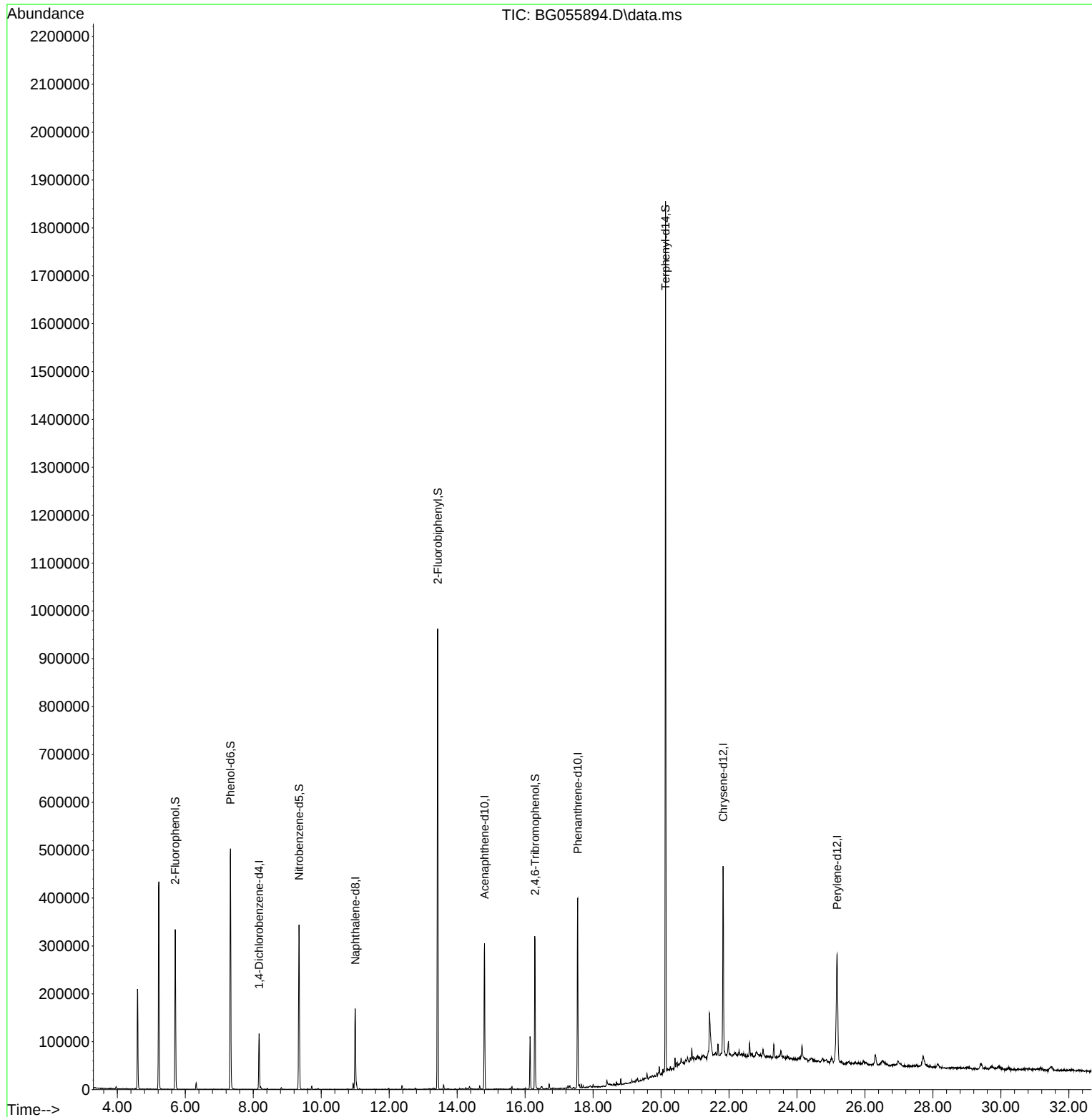
Target Compounds	Qvalue

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

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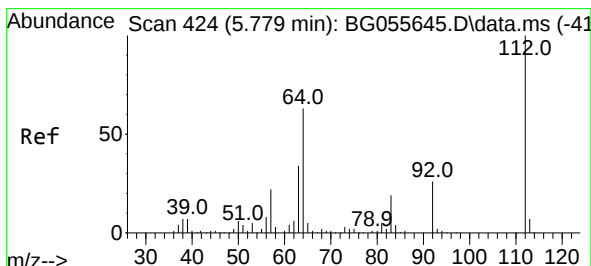
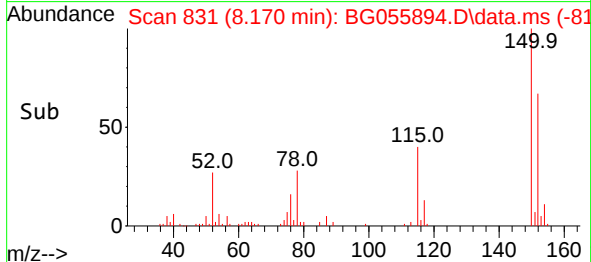
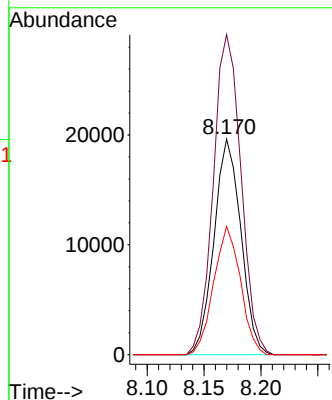
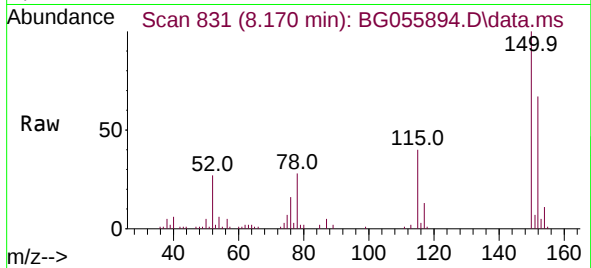




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

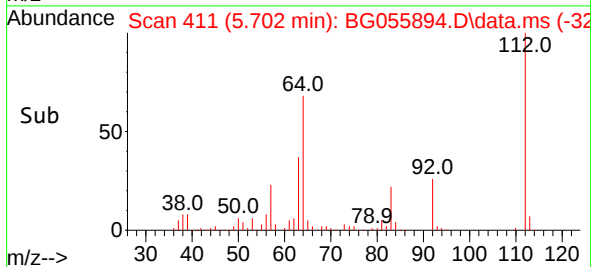
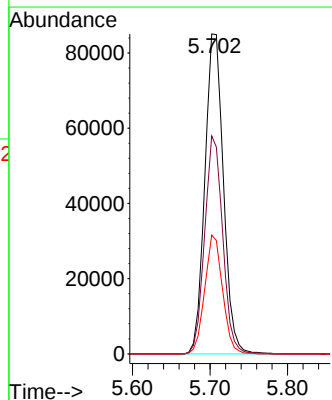
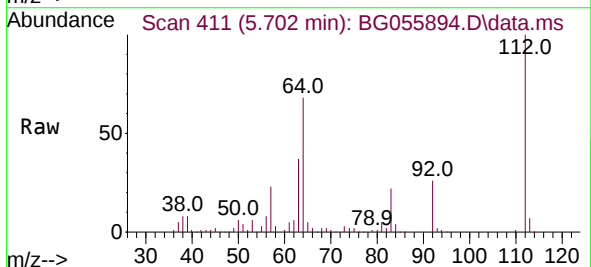
Instrument :
BNA_G
ClientSampleId :
72-11991

Tgt Ion:152 Resp: 32282
Ion Ratio Lower Upper
152 100
150 148.4 123.0 184.6
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 79.324 ng
RT: 5.702 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

Tgt Ion:112 Resp: 141671
Ion Ratio Lower Upper
112 100
64 68.1 50.6 76.0
63 37.2 27.5 41.3

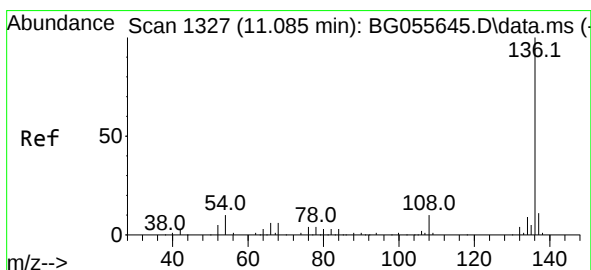
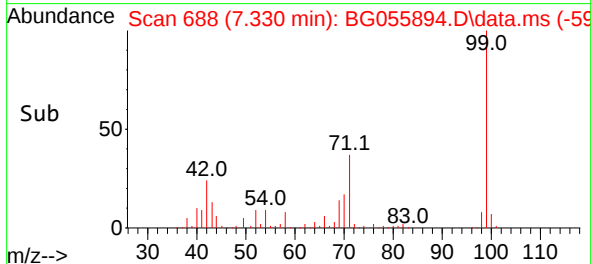
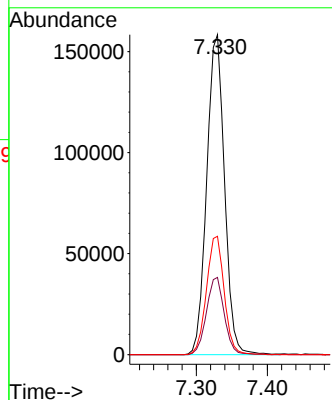
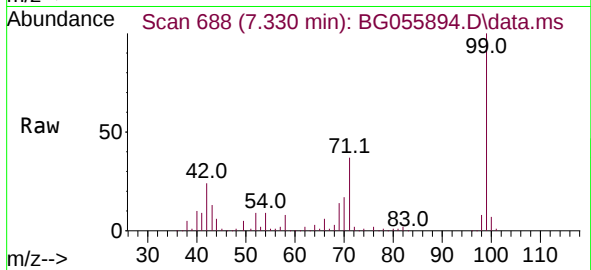




#7
Phenol-d6
Concen: 115.478 ng
RT: 7.330 min Scan# 68
Delta R.T. 0.000 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

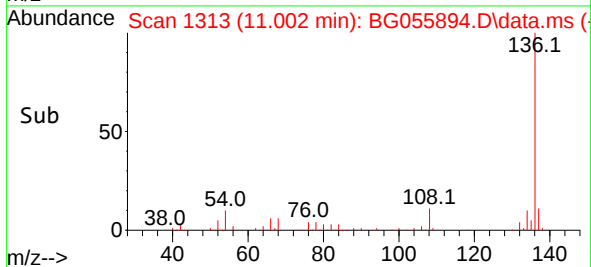
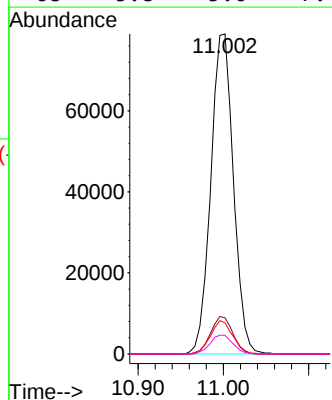
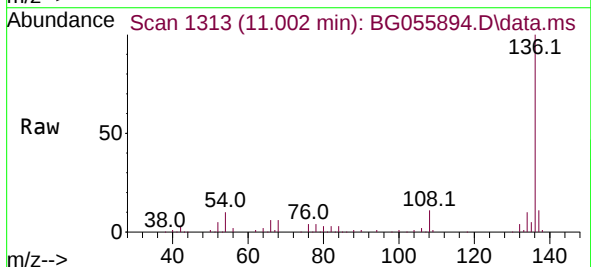
Instrument :
BNA_G
ClientSampleId :
72-11991

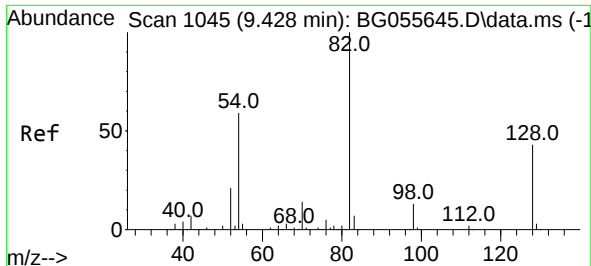
Tgt Ion: 99 Resp: 274541
Ion Ratio Lower Upper
99 100
42 24.1 18.0 27.0
71 37.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.002 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

Tgt Ion: 136 Resp: 145286
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.541 ng

RT: 9.345 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055894.D

Acq: 5 Dec 2022 21:13

Instrument :

BNA_G

ClientSampleId :

72-11991

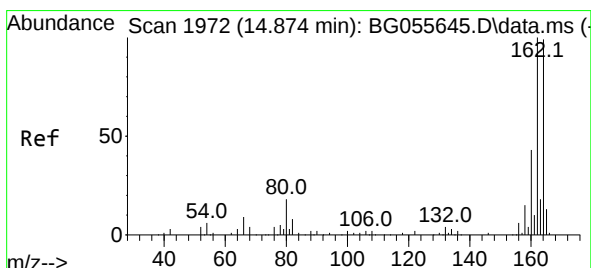
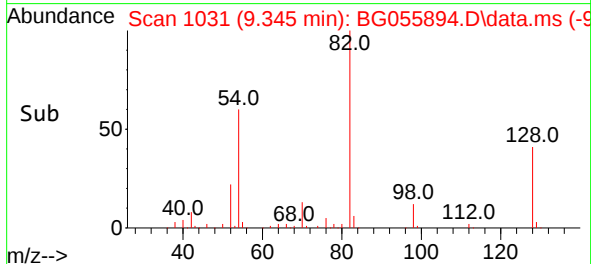
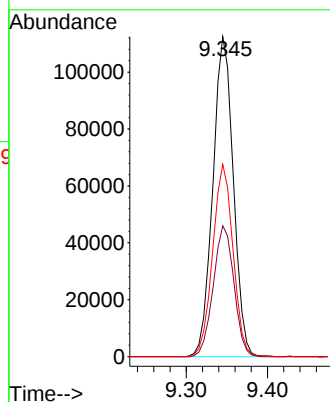
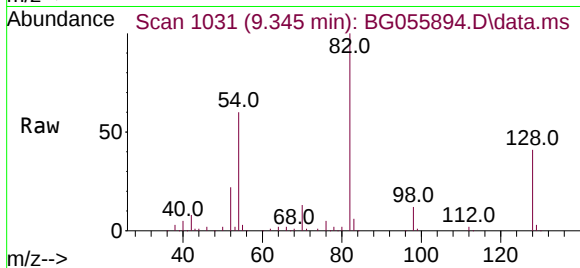
Tgt Ion: 82 Resp: 196650

Ion Ratio Lower Upper

82 100

128 40.9 34.1 51.1

54 60.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.803 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BG055894.D

Acq: 5 Dec 2022 21:13

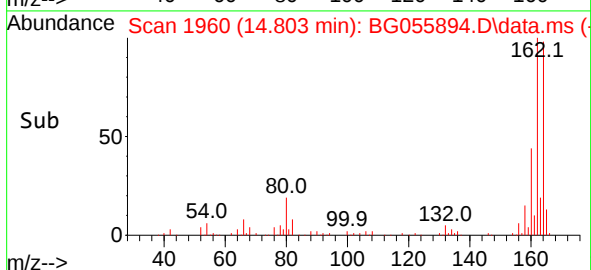
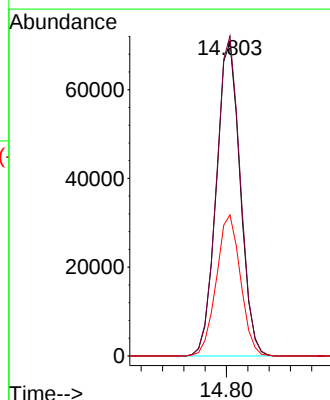
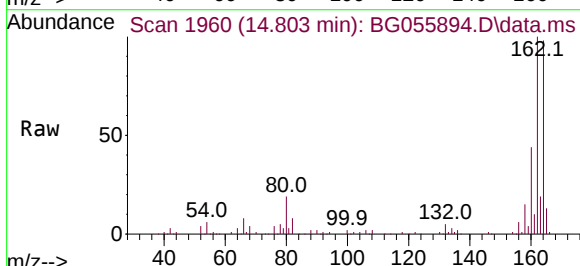
Tgt Ion:164 Resp: 109666

Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

160 45.0 34.8 52.2

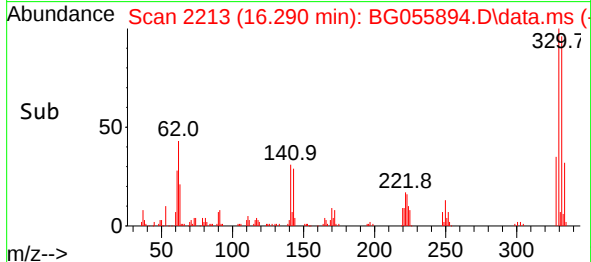
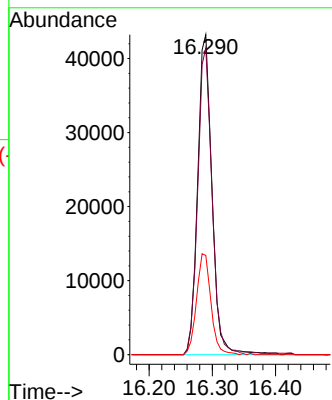
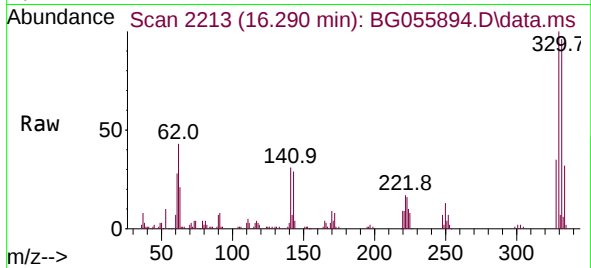




#42
2,4,6-Tribromophenol
Concen: 44.064 ng
RT: 16.290 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

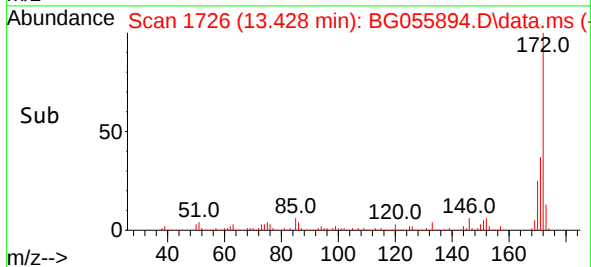
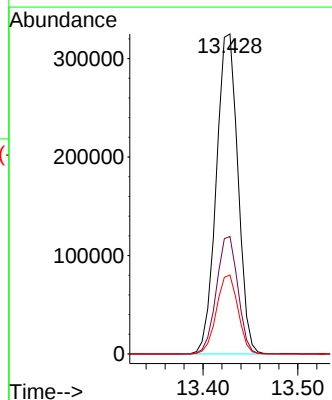
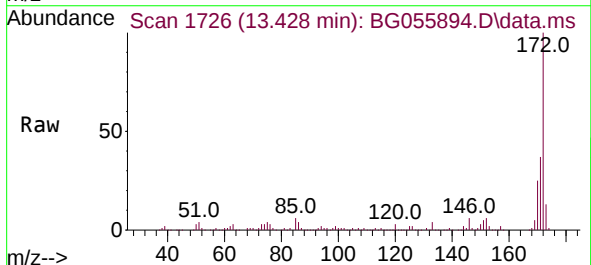
Instrument :
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ClientSampleId :
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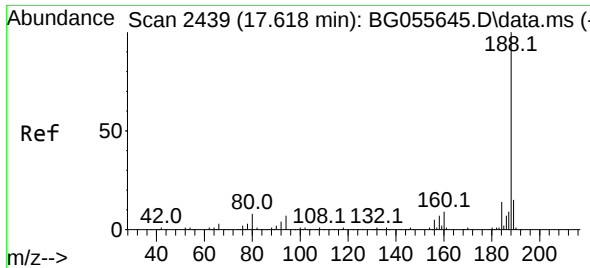
Tgt Ion:330 Resp: 68046
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 31.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 70.400 ng
RT: 13.428 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

Tgt Ion:172 Resp: 515342
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.6 20.2 30.4

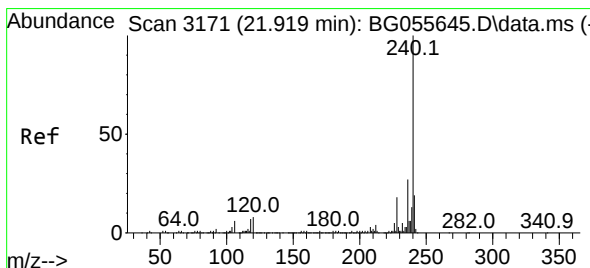
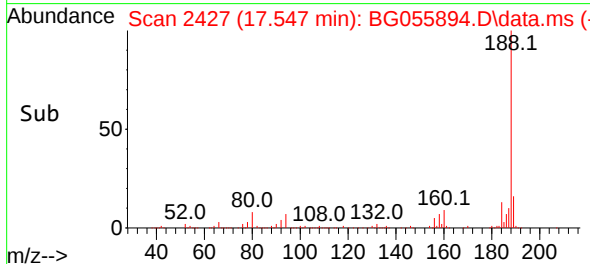
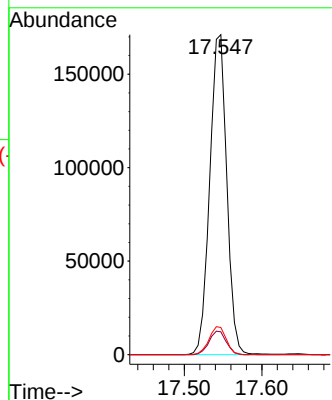
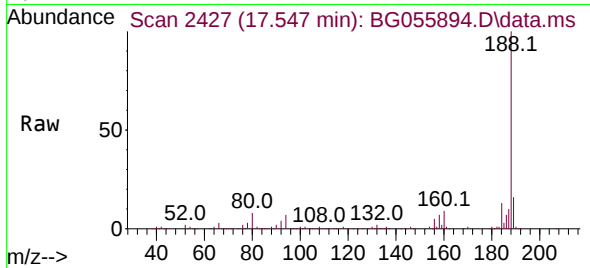




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.547 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

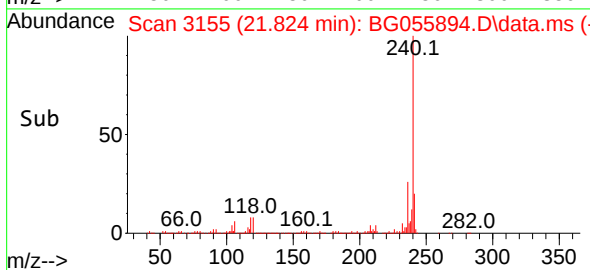
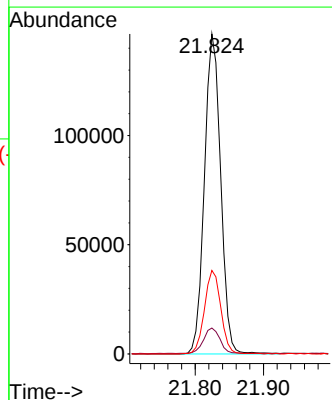
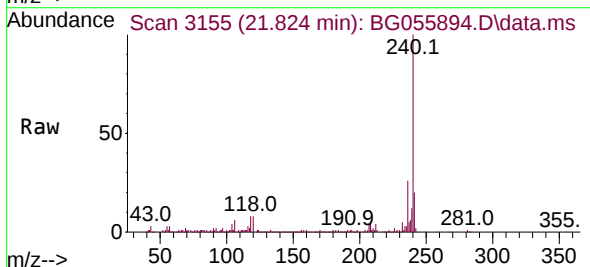
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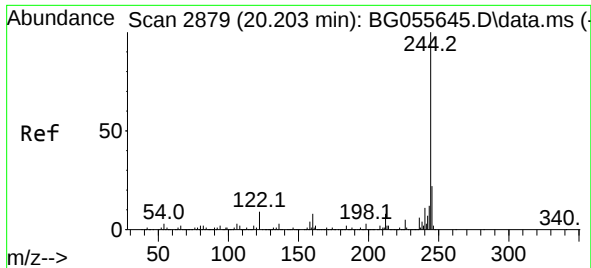
Tgt Ion:188 Resp: 260964
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG055894.D
Acq: 5 Dec 2022 21:13

Tgt Ion:240 Resp: 242580
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.1 21.9 32.9

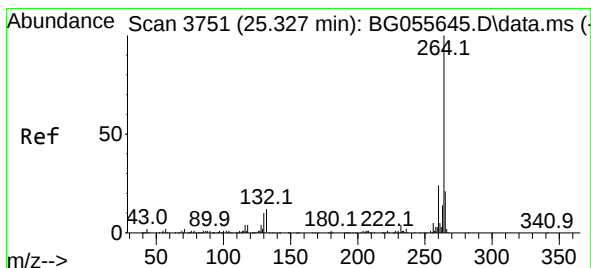
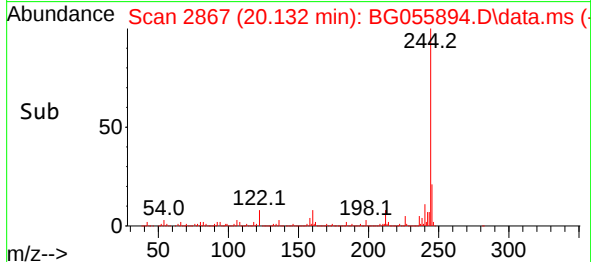
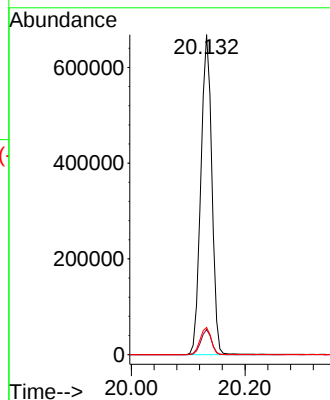
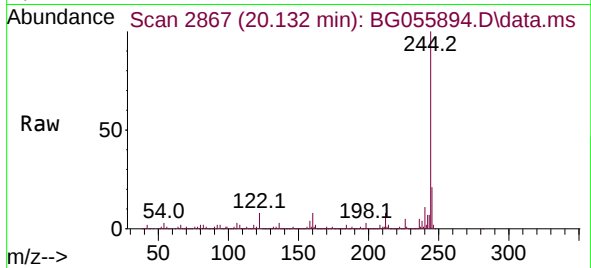




#79
 Terphenyl-d14
 Concen: 73.581 ng
 RT: 20.132 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG055894.D
 Acq: 5 Dec 2022 21:13

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Tgt Ion:244 Resp: 892405
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 3726
 Delta R.T. 0.000 min
 Lab File: BG055894.D
 Acq: 5 Dec 2022 21:13

Tgt Ion:264 Resp: 256629
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.6 17.1 25.7

