

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060235.D
 Acq On : 3 Jan 2024 20:21
 Operator : MA/JU
 Sample : 05994-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C-COMP

Quant Time: Jan 04 00:41:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	208326	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	851487	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	661048	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1610432	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1467146	20.000	ng	0.00
86) Perylene-d12	24.762	264	1689607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1908367	138.263	ng	0.00
7) Phenol-d6	7.100	99	2805211	136.883	ng	0.00
23) Nitrobenzene-d5	9.098	82	1658487	89.967	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1274197	143.996	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3830080	83.272	ng	0.00
79) Terphenyl-d14	19.944	244	5352669	70.139	ng	0.00

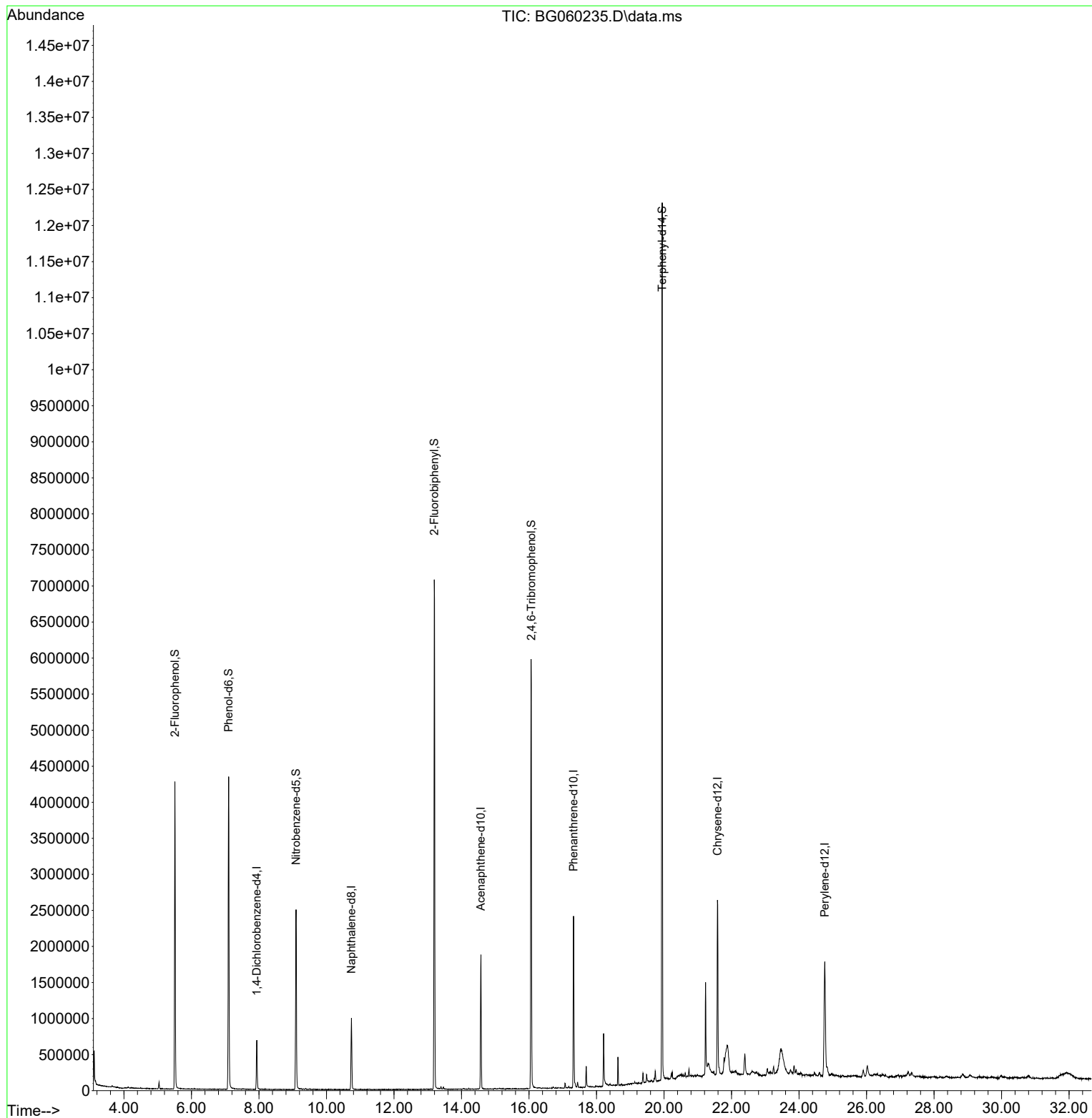
Target Compounds	Qvalue
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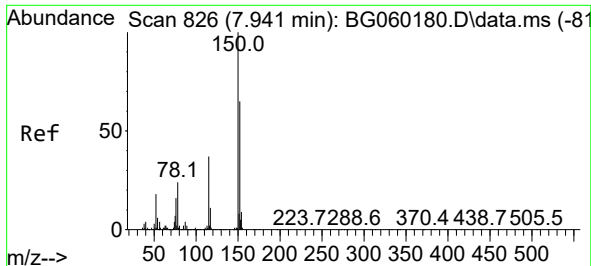
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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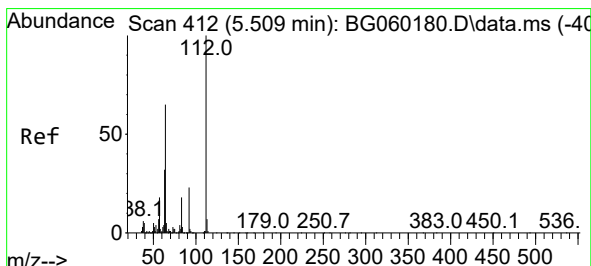
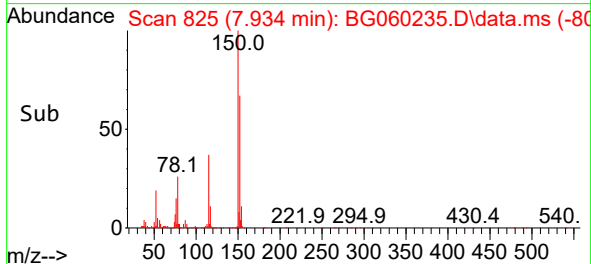
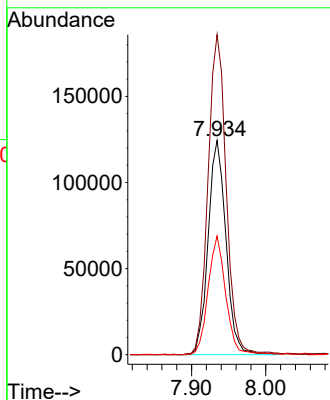
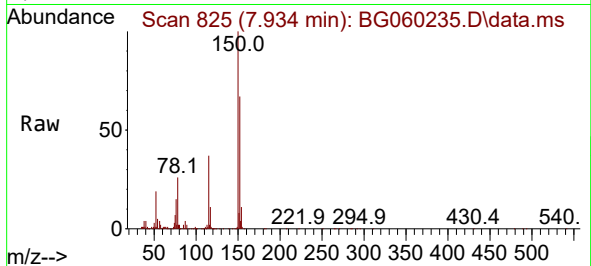




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

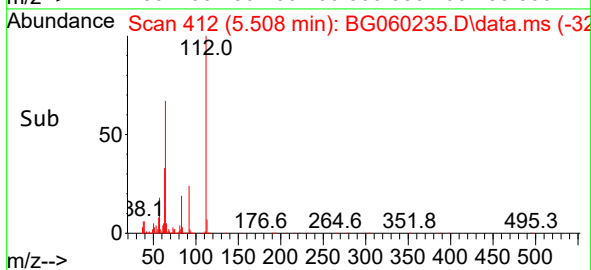
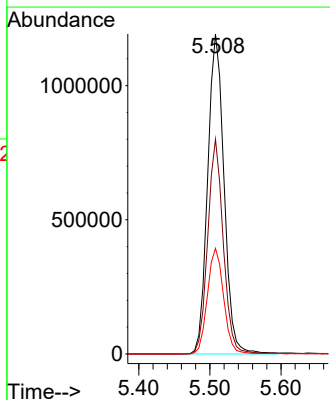
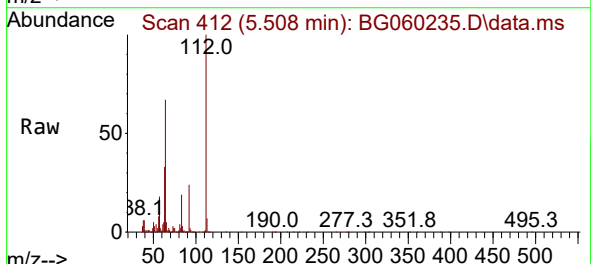
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

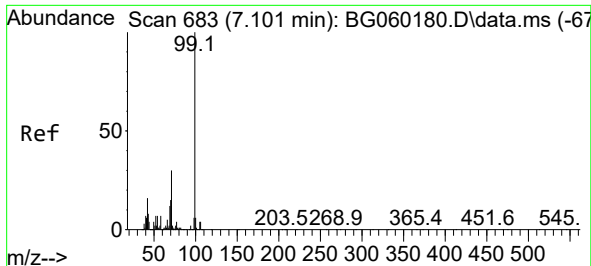
Tgt Ion:152 Resp: 208326
Ion Ratio Lower Upper
152 100
150 149.4 123.4 185.0
115 55.4 45.4 68.0



#5
2-Fluorophenol
Concen: 138.263 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:112 Resp: 1908367
Ion Ratio Lower Upper
112 100
64 67.1 52.2 78.4
63 33.0 25.4 38.0

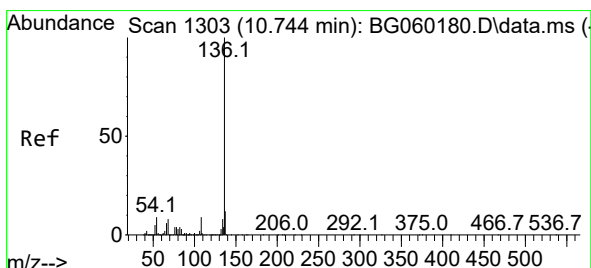
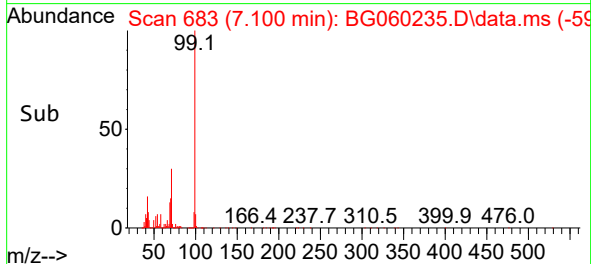
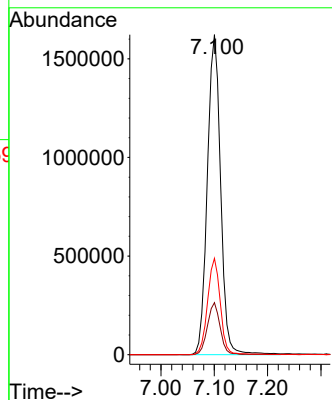
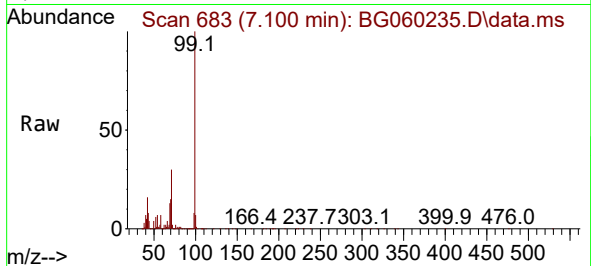




#7
Phenol-d6
Concen: 136.883 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

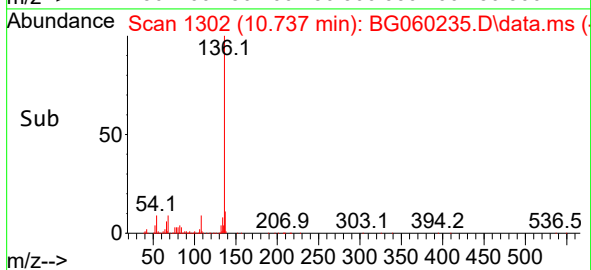
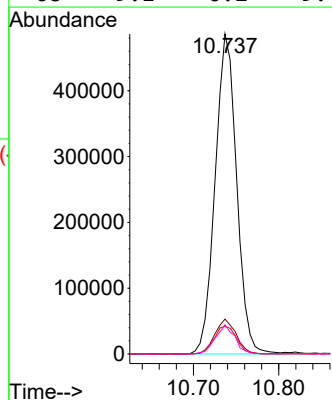
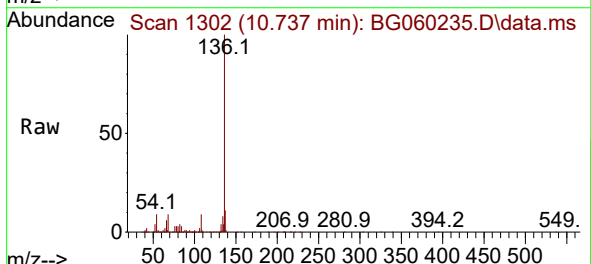
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

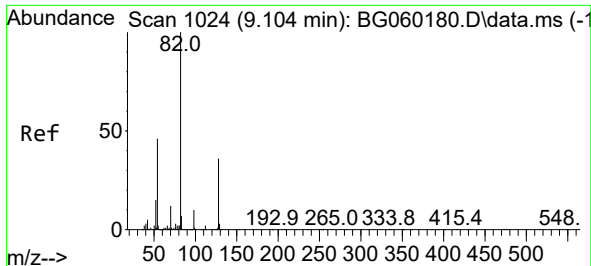
Tgt Ion: 99 Resp: 2805211
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 30.1 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:136 Resp: 851487
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.6 7.4 11.2
68 9.1 6.2 9.4

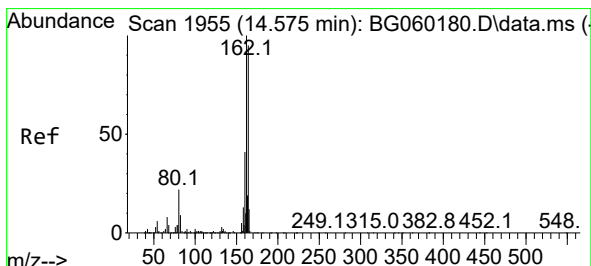
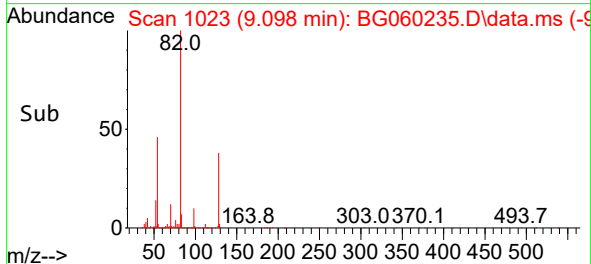
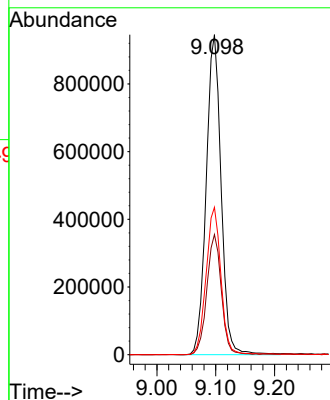
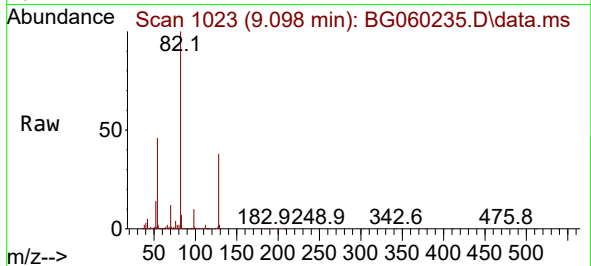




#23
Nitrobenzene-d5
Concen: 89.967 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

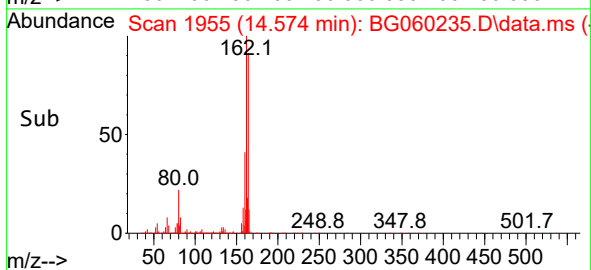
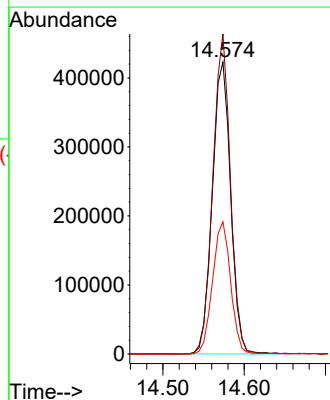
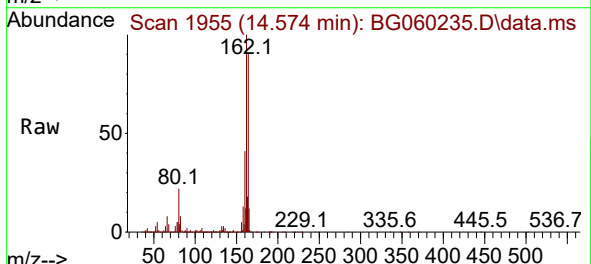
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

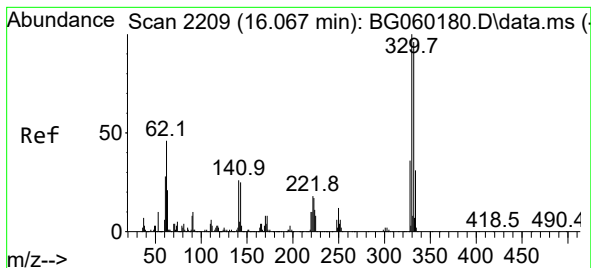
Tgt Ion: 82 Resp: 1658487
Ion Ratio Lower Upper
82 100
128 37.5 28.7 43.1
54 46.1 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion: 164 Resp: 661048
Ion Ratio Lower Upper
164 100
162 109.6 83.9 125.9
160 45.2 34.2 51.4

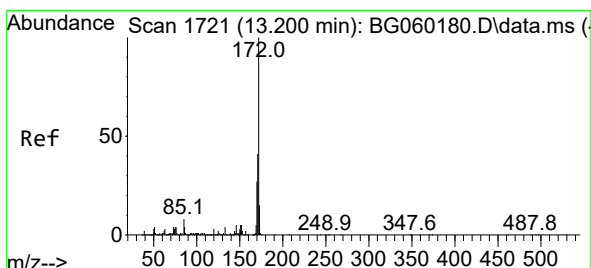
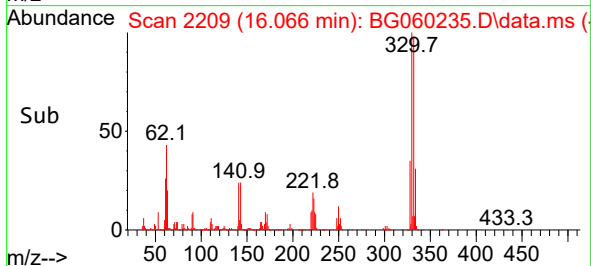
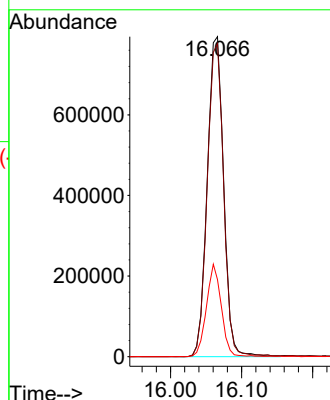
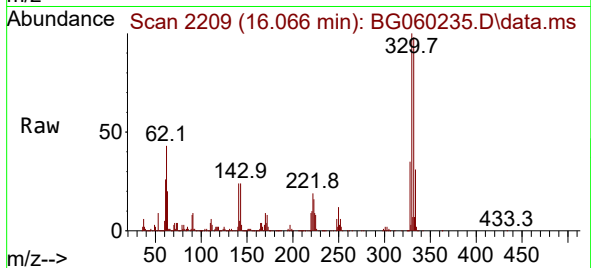




#42
2,4,6-Tribromophenol
Concen: 143.996 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

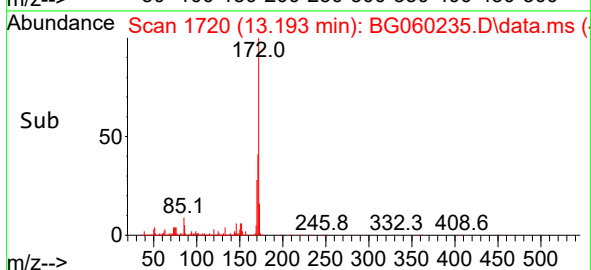
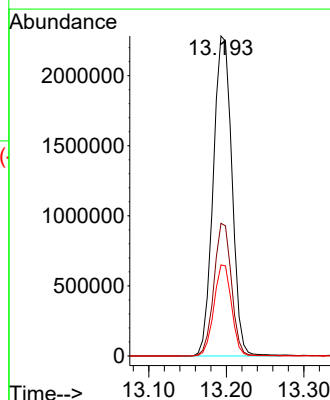
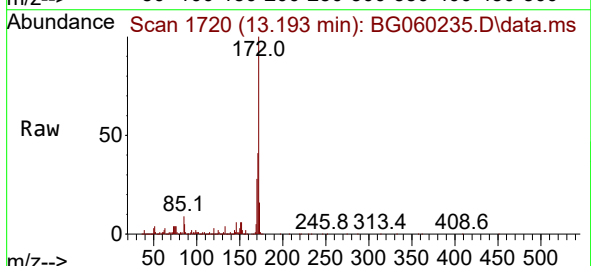
Instrument :
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ClientSampleId :
WC-C-COMP

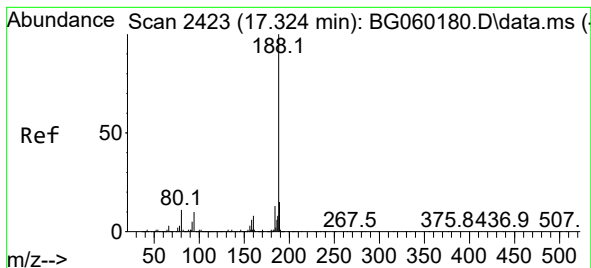
Tgt Ion:330 Resp: 1274197
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 83.272 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:172 Resp: 3830080
Ion Ratio Lower Upper
172 100
171 41.4 32.6 48.8
170 28.5 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060235.D

Acq: 3 Jan 2024 20:21

Instrument :

BNA_G

ClientSampleId :

WC-C-COMP

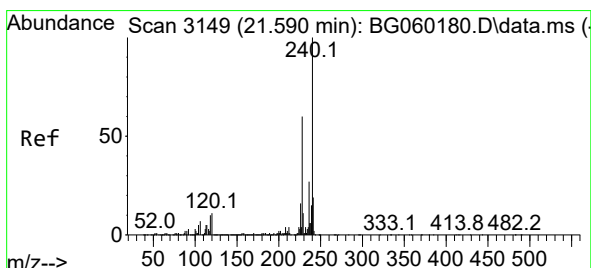
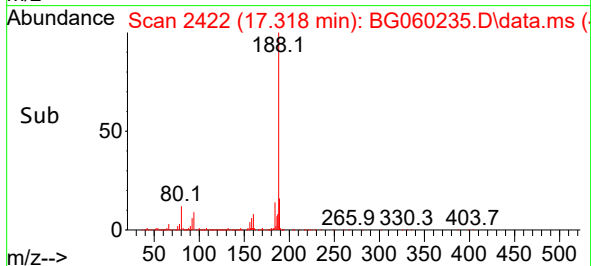
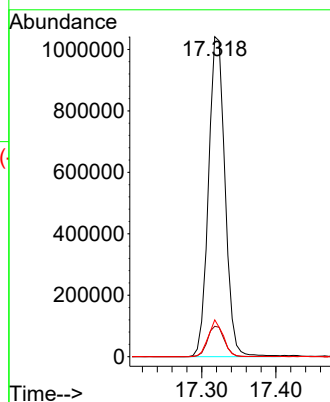
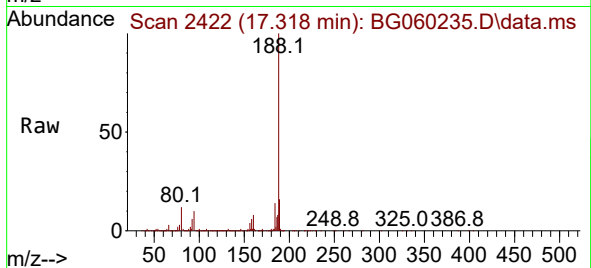
Tgt Ion:188 Resp: 1610432

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 11.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3148

Delta R.T. -0.007 min

Lab File: BG060235.D

Acq: 3 Jan 2024 20:21

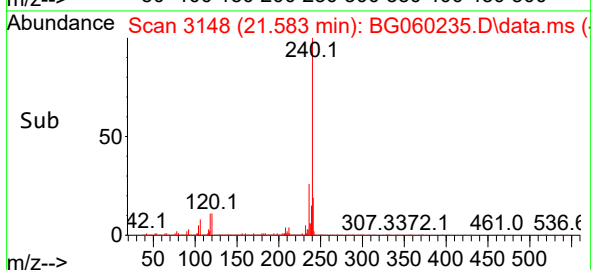
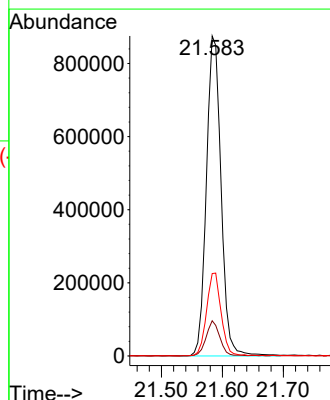
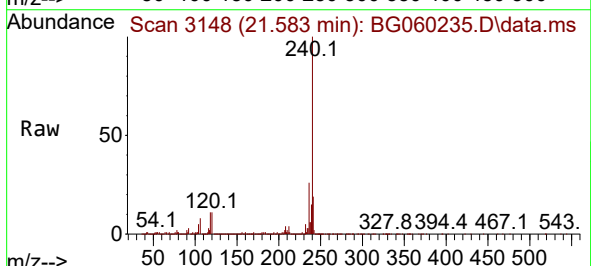
Tgt Ion:240 Resp: 1467146

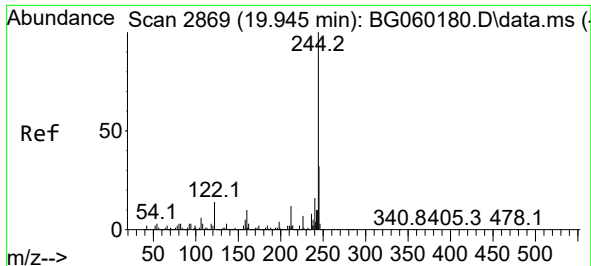
Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

236 25.8 21.4 32.2

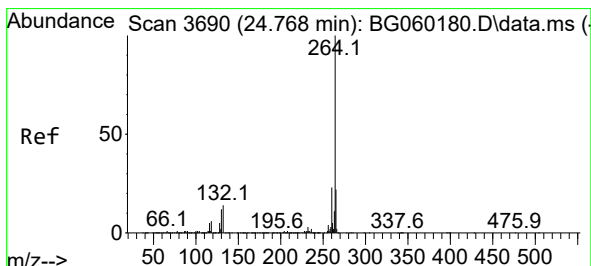
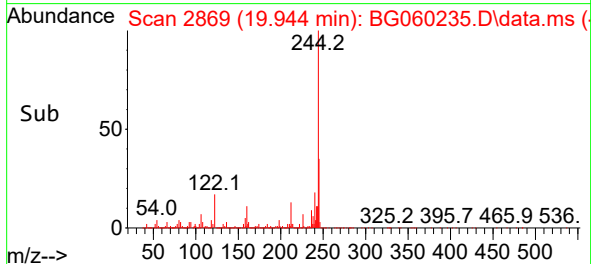
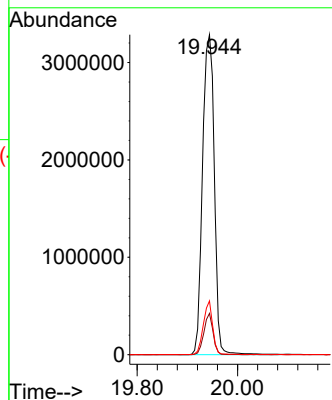
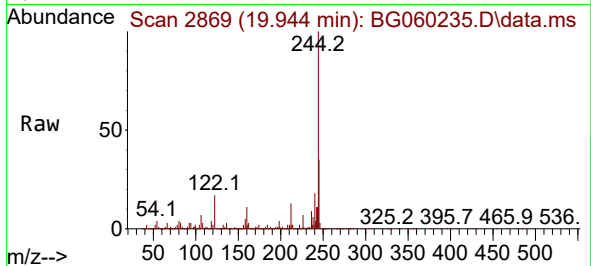




#79
 Terphenyl-d14
 Concen: 70.139 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060235.D
 Acq: 3 Jan 2024 20:21

Instrument :
 BNA_G
 ClientSampleId :
 WC-C-COMP

Tgt Ion:244 Resp: 5352669
 Ion Ratio Lower Upper
 244 100
 212 12.9 9.5 14.3
 122 16.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.007 min
 Lab File: BG060235.D
 Acq: 3 Jan 2024 20:21

Tgt Ion:264 Resp: 1689607
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.0 27.0
 265 21.2 17.4 26.0

