

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062686.D
 Acq On : 6 Sep 2024 18:26
 Operator : MA/JU
 Sample : P3857-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2-COMP

Quant Time: Sep 06 23:41:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	76913	20.000	ng	-0.01
21) Naphthalene-d8	10.697	136	301846	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	227103	20.000	ng	-0.01
64) Phenanthrene-d10	17.278	188	580298	20.000	ng	-0.01
76) Chrysene-d12	21.520	240	607766	20.000	ng	-0.01
86) Perylene-d12	24.581	264	701383	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	409965	92.135	ng	-0.01
7) Phenol-d6	7.072	99	571542	88.913	ng	-0.02
23) Nitrobenzene-d5	9.058	82	357811	63.842	ng	-0.02
42) 2,4,6-Tribromophenol	16.021	330	351246	109.900	ng	-0.01
45) 2-Fluorobiphenyl	13.153	172	871704	62.173	ng	-0.02
79) Terphenyl-d14	19.898	244	1781073	58.107	ng	0.00

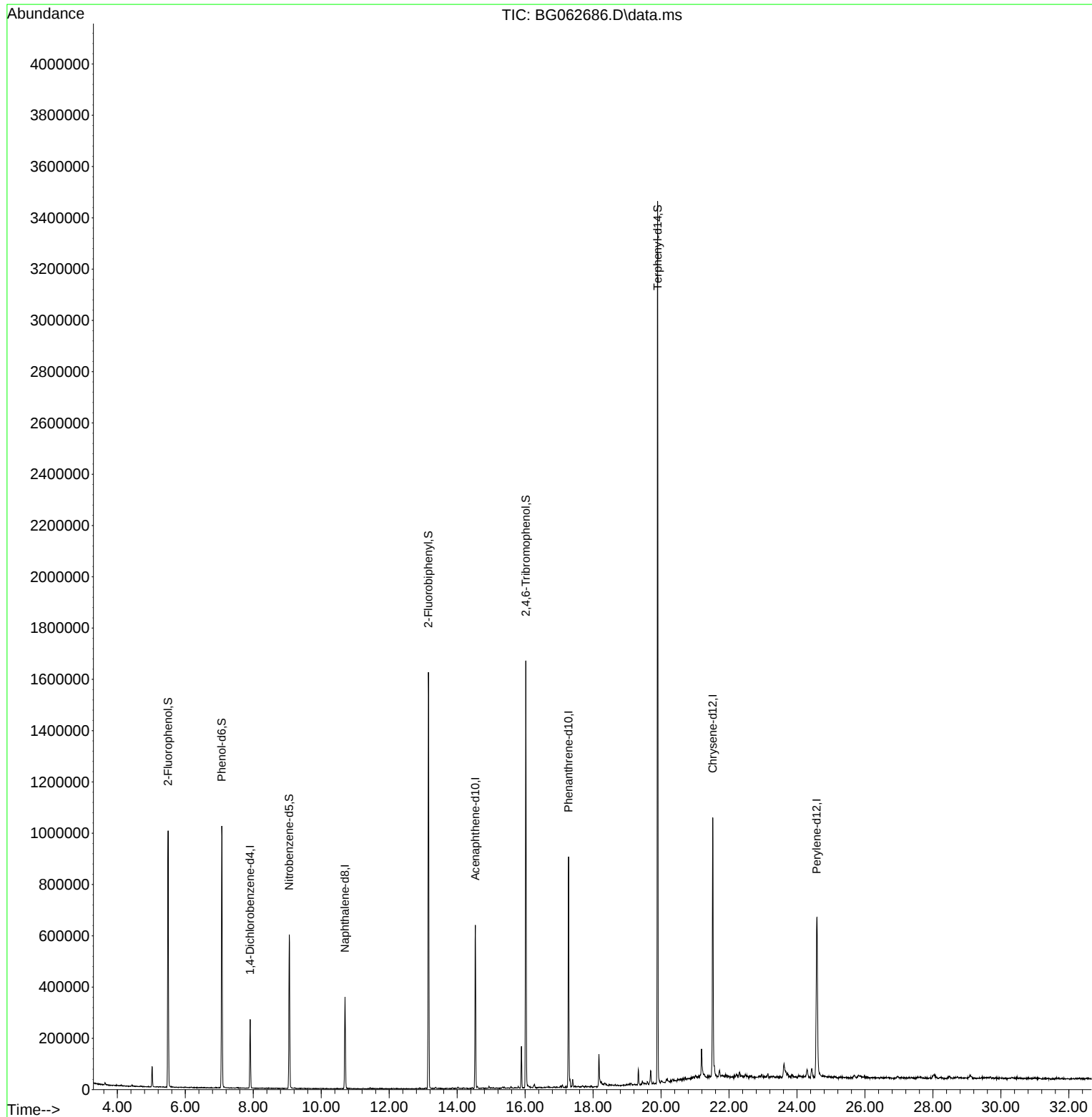
Target Compounds	Qvalue

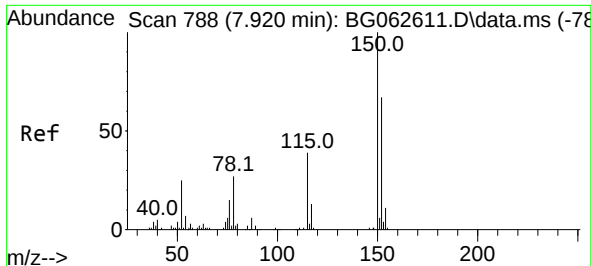
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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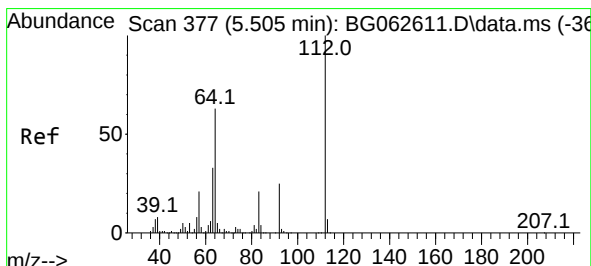
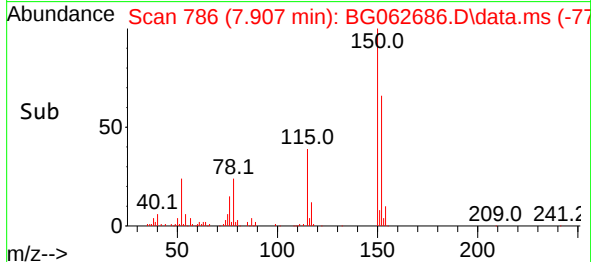
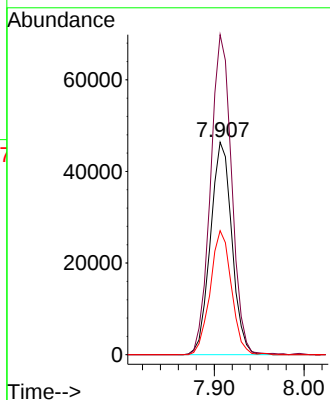
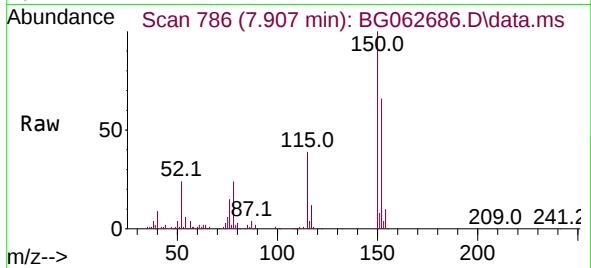




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 71
Delta R.T. -0.013 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

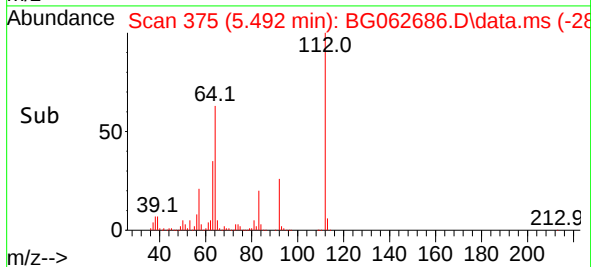
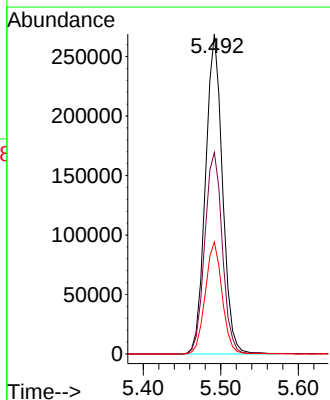
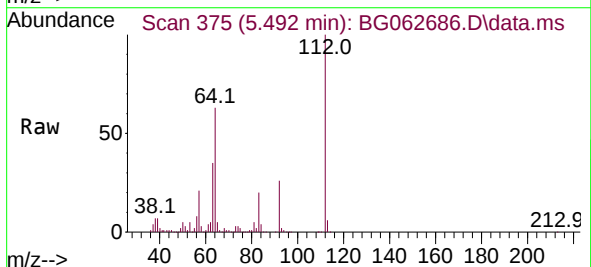
Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

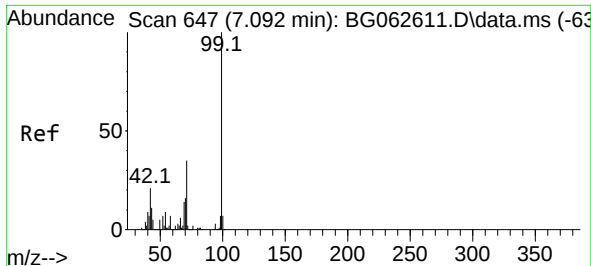
Tgt Ion:152 Resp: 76913
Ion Ratio Lower Upper
152 100
150 150.6 119.9 179.9
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 92.135 ng
RT: 5.492 min Scan# 375
Delta R.T. -0.014 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Tgt Ion:112 Resp: 409965
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.2
63 35.0 26.6 39.8

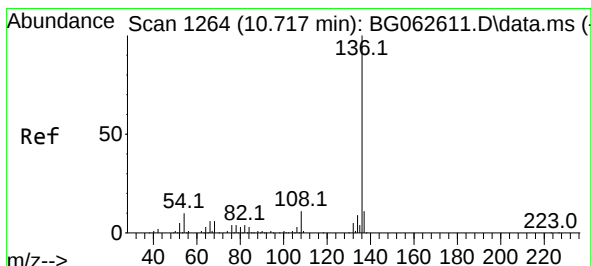
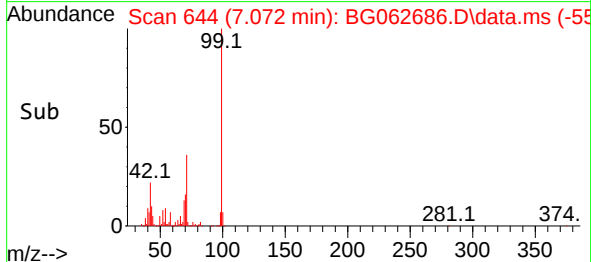
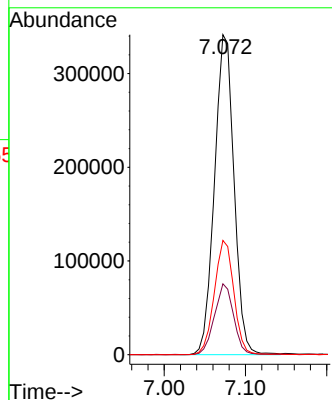
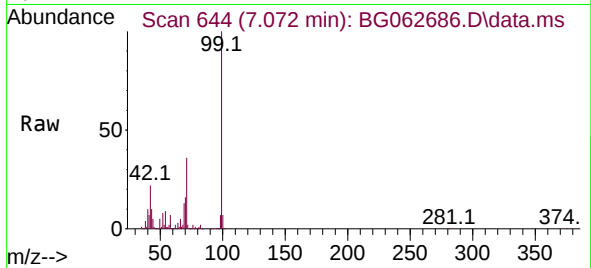




#7
Phenol-d6
Concen: 88.913 ng
RT: 7.072 min Scan# 64
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

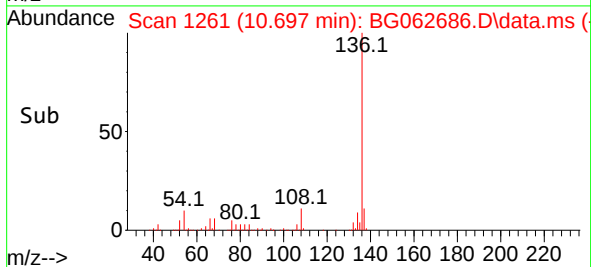
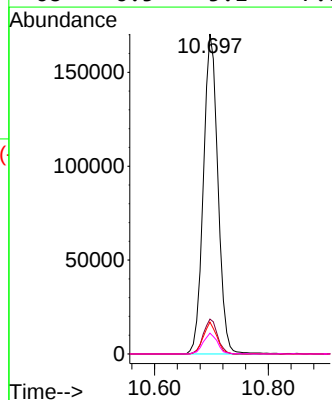
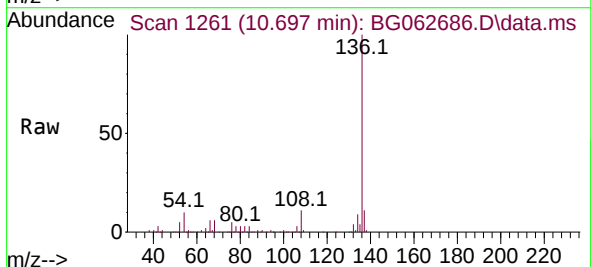
Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

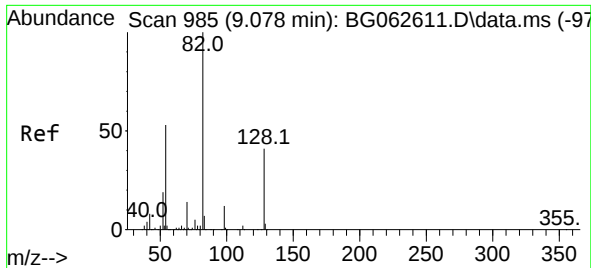
Tgt Ion: 99 Resp: 571542
Ion Ratio Lower Upper
99 100
42 22.2 16.9 25.3
71 35.7 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.697 min Scan# 1261
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

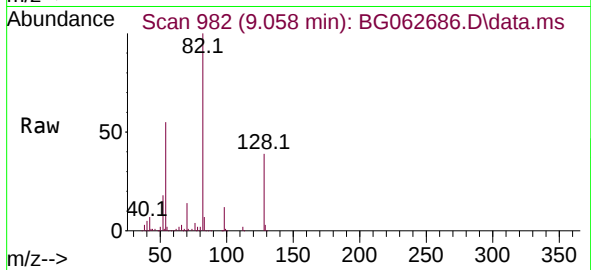
Tgt Ion: 136 Resp: 301846
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.0 7.8 11.6
68 6.5 5.1 7.7



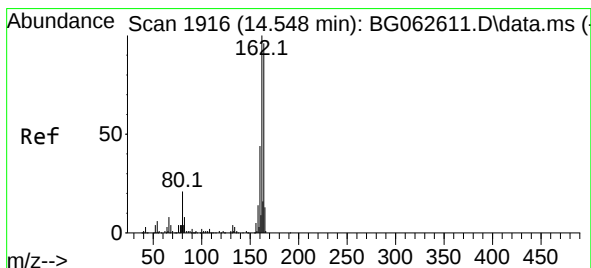
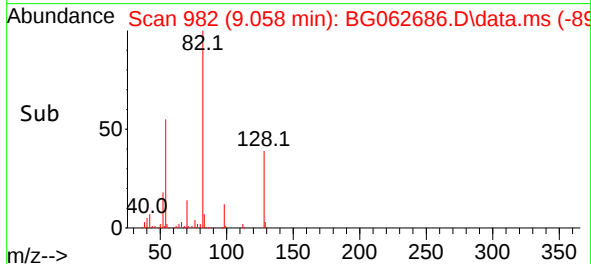
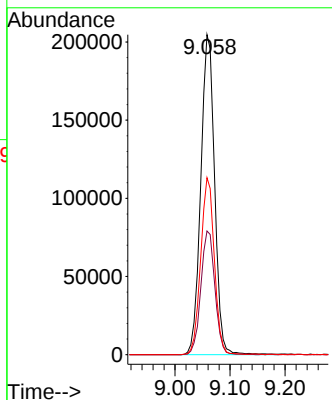


#23
Nitrobenzene-d5
Concen: 63.842 ng
RT: 9.058 min Scan# 91
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

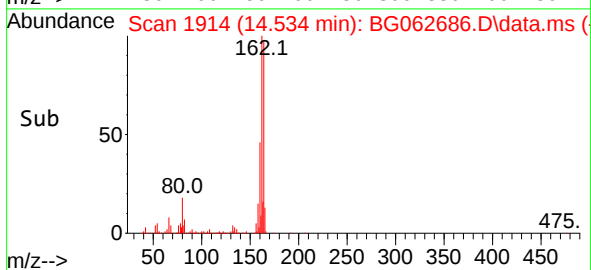
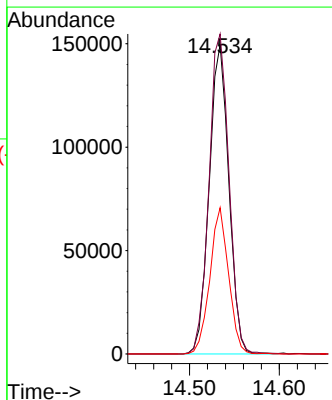
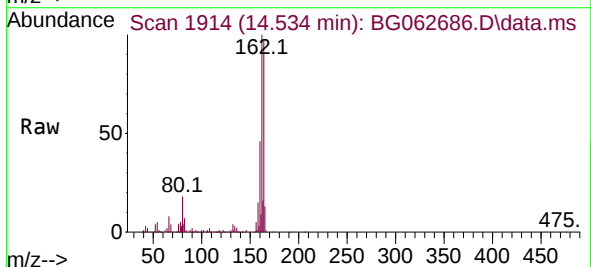


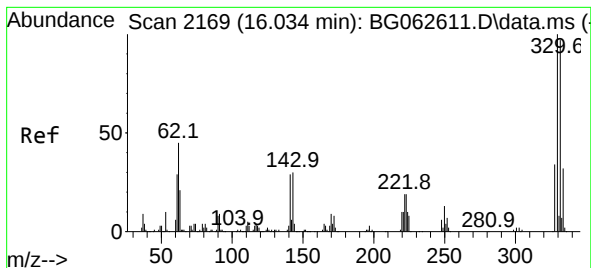
Tgt Ion: 82 Resp: 357811
Ion Ratio Lower Upper
82 100
128 38.6 32.5 48.7
54 55.3 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1914
Delta R.T. -0.014 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Tgt Ion:164 Resp: 227103
Ion Ratio Lower Upper
164 100
162 103.4 83.1 124.7
160 47.3 36.2 54.4

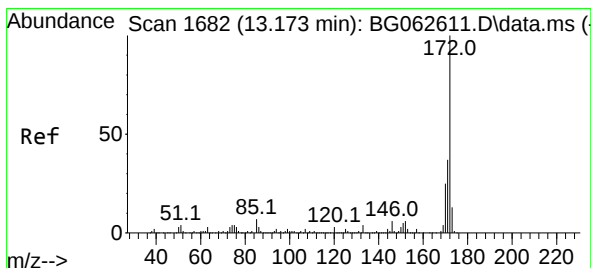
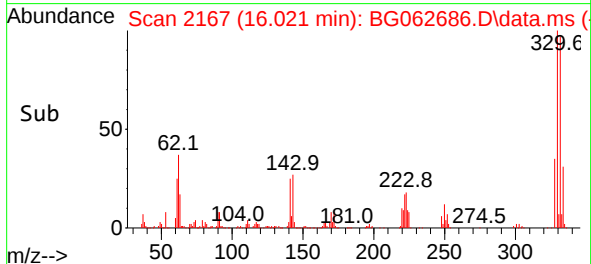
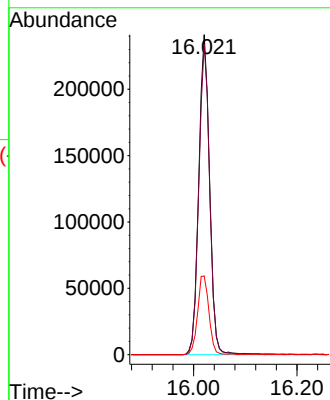
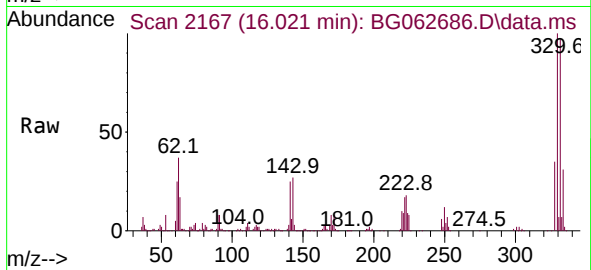




#42
2,4,6-Tribromophenol
Concen: 109.900 ng
RT: 16.021 min Scan# 2169
Delta R.T. -0.014 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

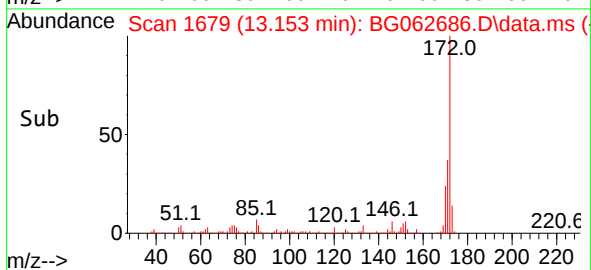
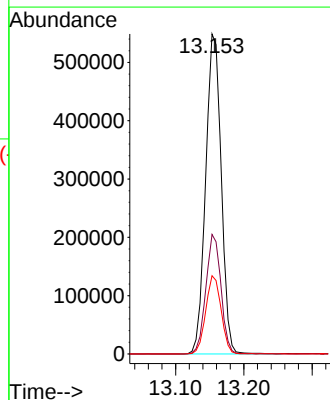
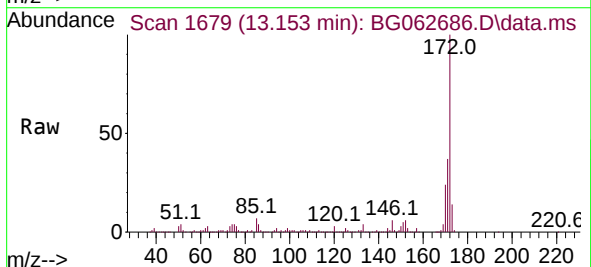
Instrument :
BNA_G
ClientSampleId :
WC-D2-COMP

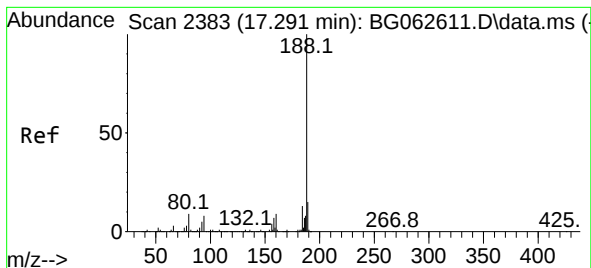
Tgt Ion:330 Resp: 351246
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 25.6 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 62.173 ng
RT: 13.153 min Scan# 1679
Delta R.T. -0.019 min
Lab File: BG062686.D
Acq: 6 Sep 2024 18:26

Tgt Ion:172 Resp: 871704
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 24.5 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.278 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

Instrument :

BNA_G

ClientSampleId :

WC-D2-COMP

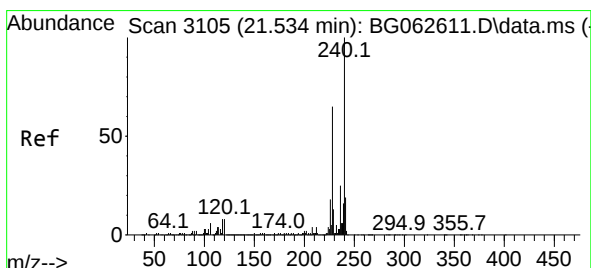
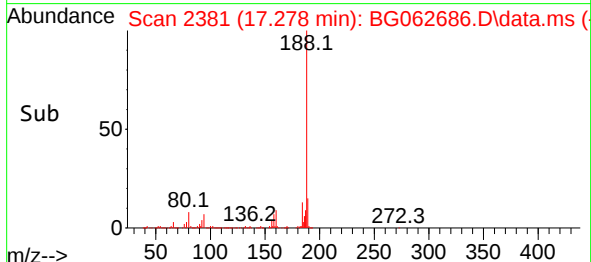
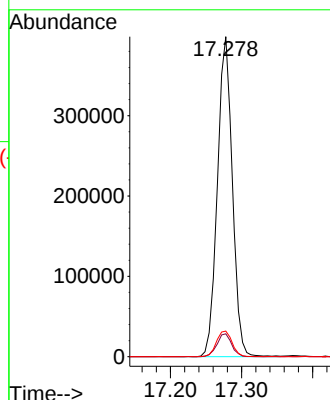
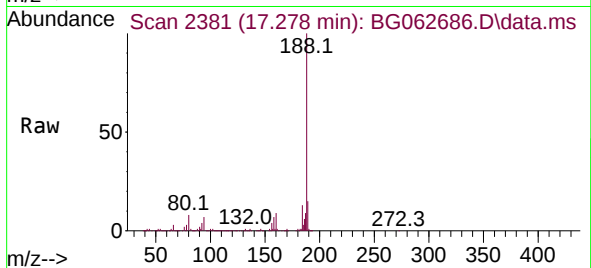
Tgt Ion:188 Resp: 580298

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 8.0 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.520 min Scan# 3103

Delta R.T. -0.014 min

Lab File: BG062686.D

Acq: 6 Sep 2024 18:26

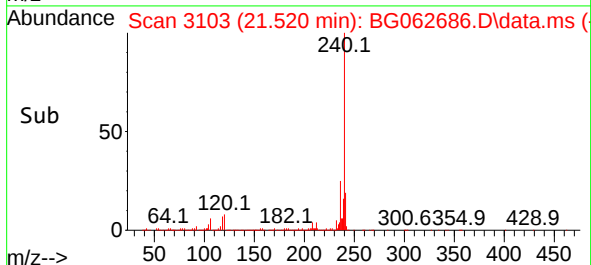
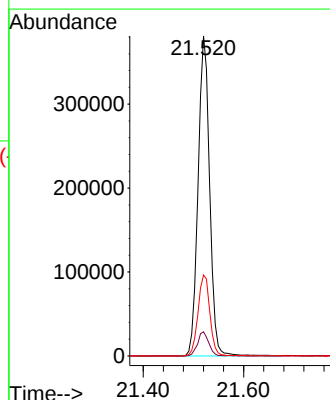
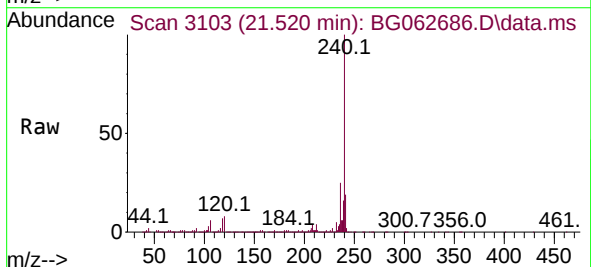
Tgt Ion:240 Resp: 607766

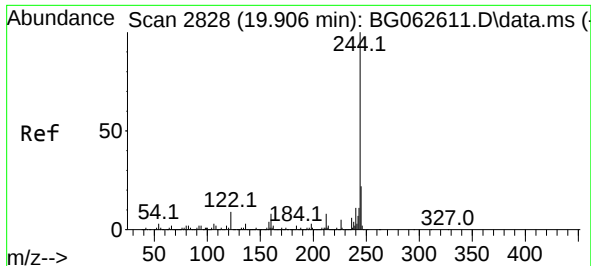
Ion Ratio Lower Upper

240 100

120 7.5 6.6 9.8

236 25.3 20.2 30.4

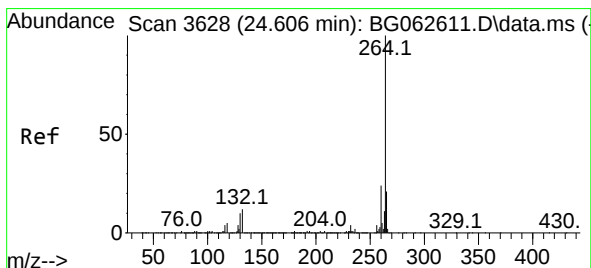
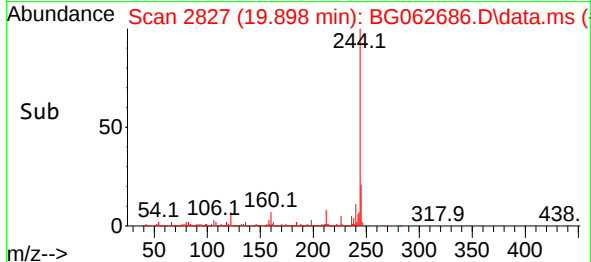
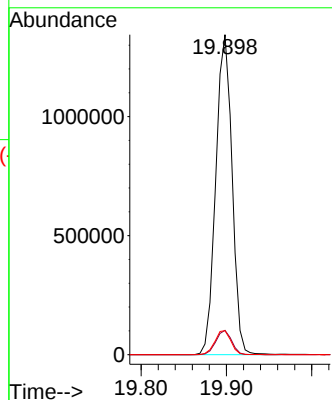
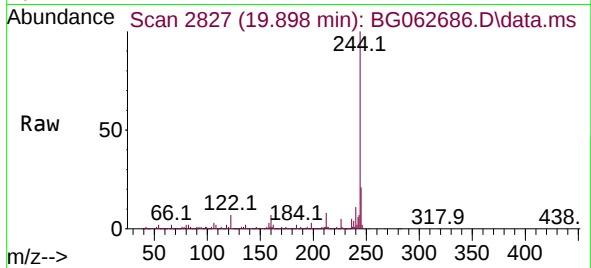




#79
 Terphenyl-d14
 Concen: 58.107 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG062686.D
 Acq: 6 Sep 2024 18:26

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Tgt Ion:244 Resp: 1781073
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 7.5 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.581 min Scan# 3624
 Delta R.T. -0.025 min
 Lab File: BG062686.D
 Acq: 6 Sep 2024 18:26

Tgt Ion:264 Resp: 701383
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.1 17.3 25.9

