

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063138.D
Acq On : 31 Oct 2024 18:17
Operator : RC/JU
Sample : PB164531BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB164531BL

Quant Time: Nov 01 05:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	80088	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	311745	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	232468	20.000	ng	0.00
64) Phenanthrene-d10	17.229	188	603288	20.000	ng	0.00
76) Chrysene-d12	21.483	240	832272	20.000	ng	0.00
86) Perylene-d12	24.521	264	942765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	704761	136.453	ng	0.00
7) Phenol-d6	7.018	99	942955	139.321	ng	0.00
23) Nitrobenzene-d5	8.998	82	654088	91.254	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	534911	135.462	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1533244	97.687	ng	0.00
79) Terphenyl-d14	19.856	244	3804354	94.065	ng	0.00

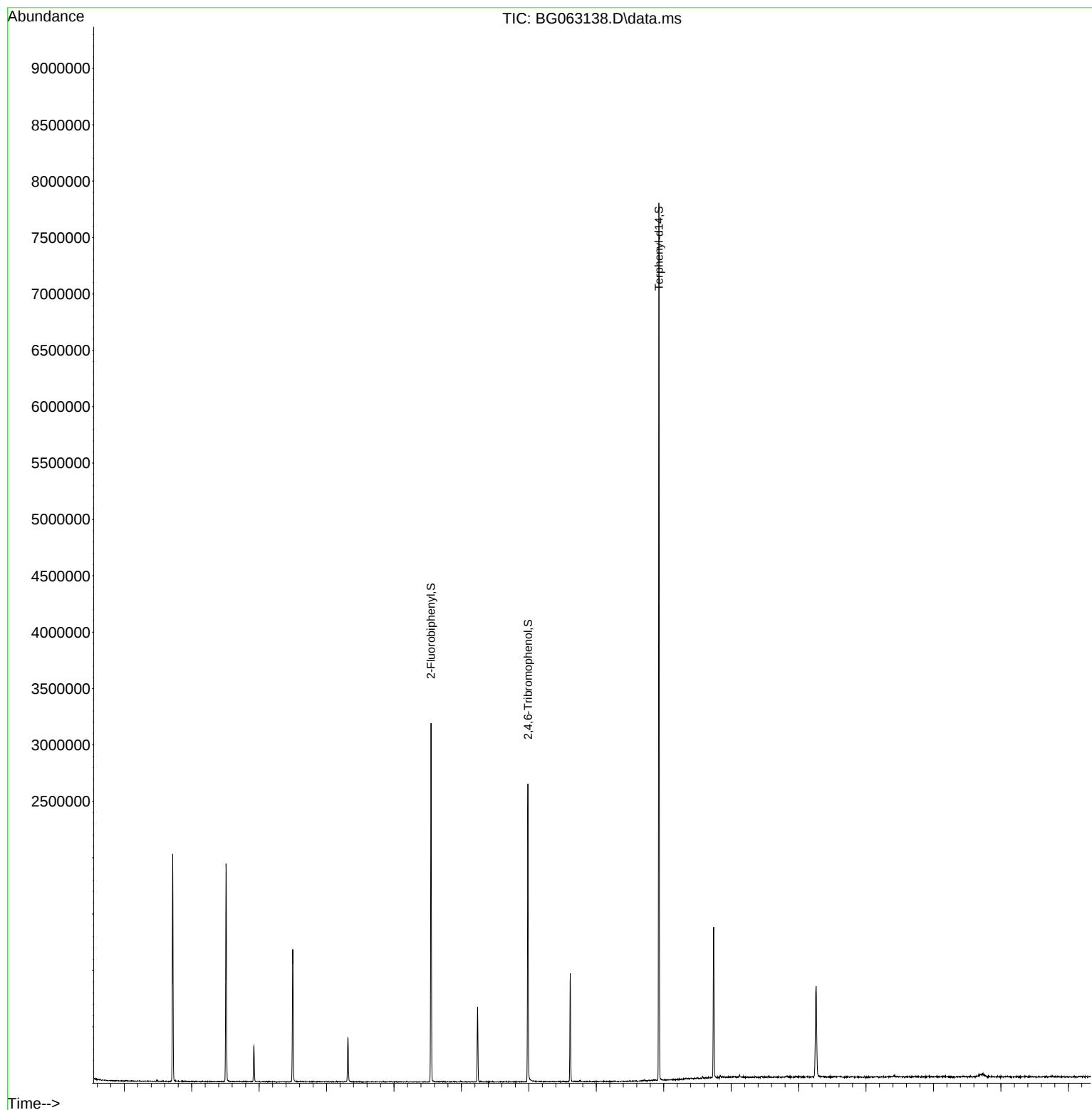
Target Compounds Qvalue

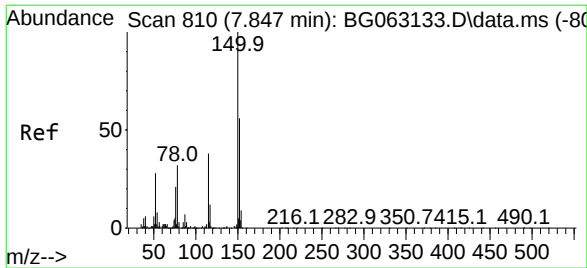
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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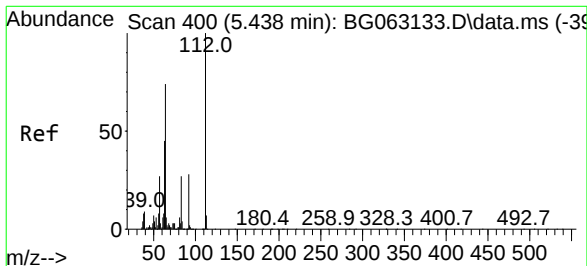
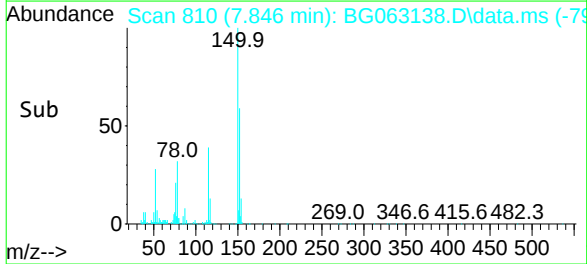
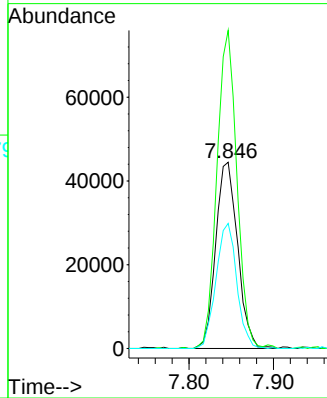
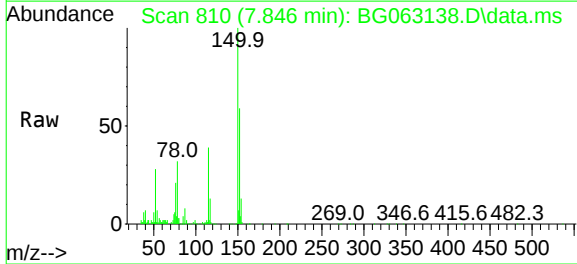




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

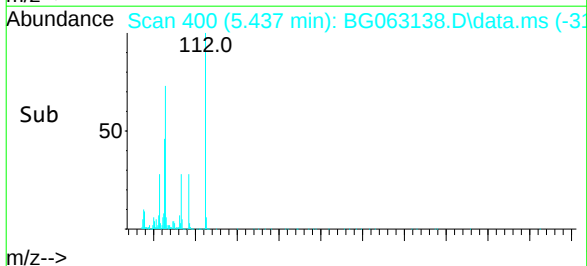
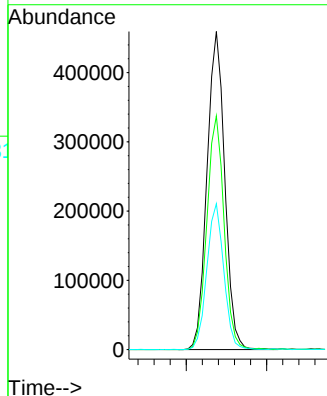
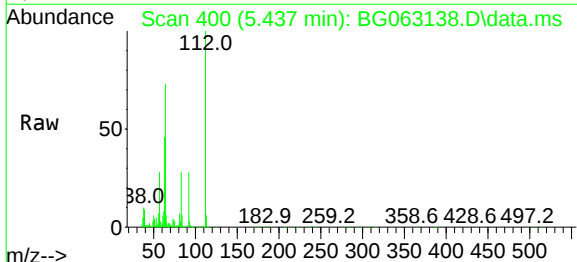
Instrument :
BNA_G
ClientSampleId :
PB164531BL

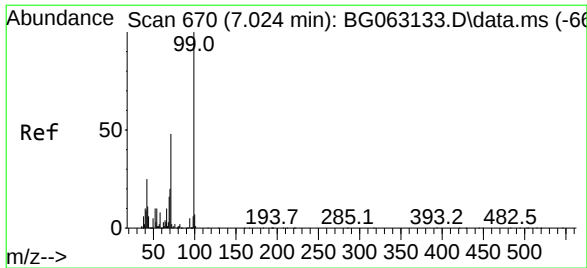
Tgt Ion:152 Resp: 80088
Ion Ratio Lower Upper
152 100
150 170.7 143.1 214.7
115 67.1 55.0 82.4



#5
2-Fluorophenol
Concen: 136.453 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:112 Resp: 704761
Ion Ratio Lower Upper
112 100
64 73.5 59.4 89.0
63 45.9 35.8 53.6

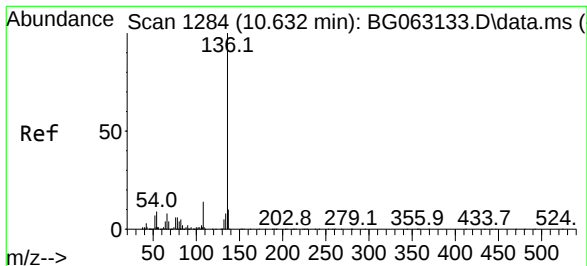
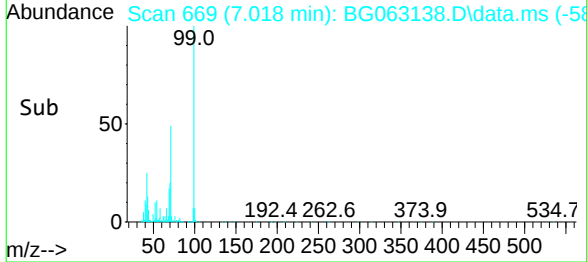
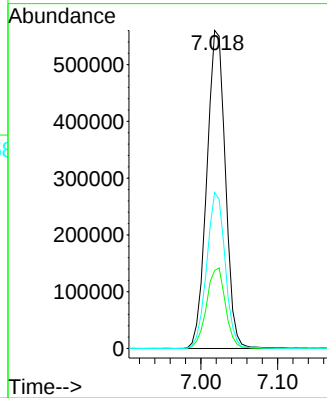
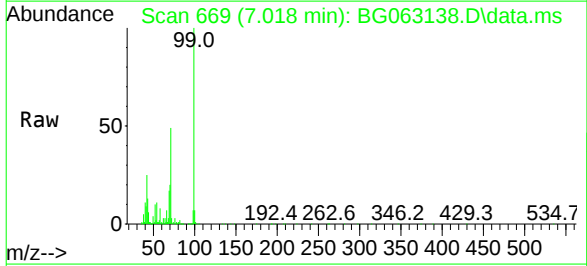




#7
Phenol-d6
Concen: 139.321 ng
RT: 7.018 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

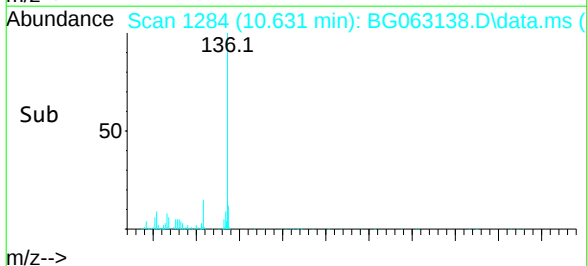
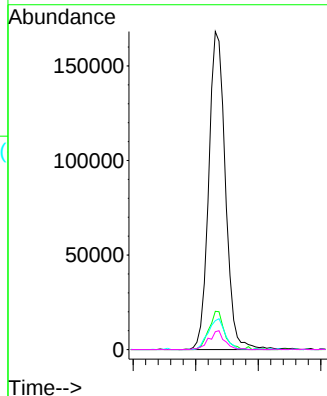
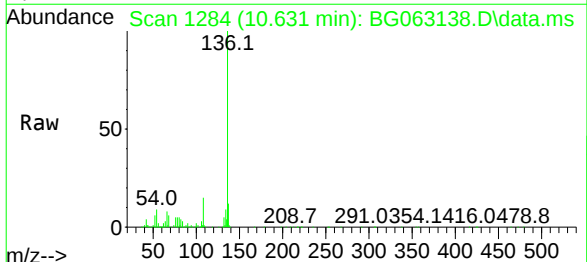
Instrument :
BNA_G
ClientSampleId :
PB164531BL

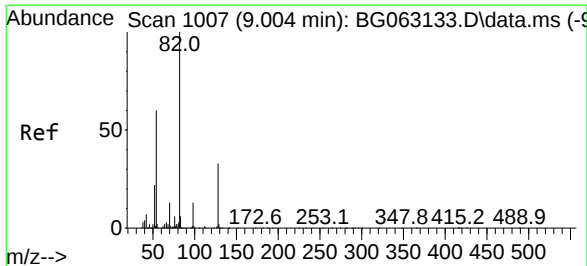
Tgt Ion: 99 Resp: 942955
Ion Ratio Lower Upper
99 100
42 24.5 20.0 30.0
71 49.1 38.2 57.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion: 136 Resp: 311745
Ion Ratio Lower Upper
136 100
137 12.0 7.8 11.6#
54 9.1 7.3 10.9
68 5.6 3.5 5.3#





#23

Nitrobenzene-d5

Concen: 91.254 ng

RT: 8.998 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

Instrument :

BNA_G

ClientSampleId :

PB164531BL

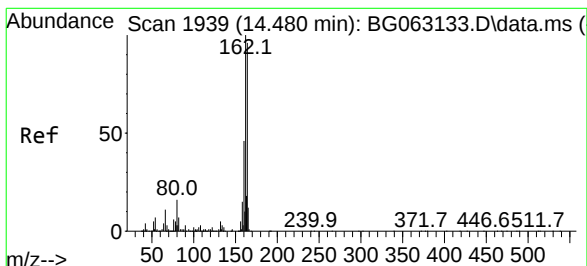
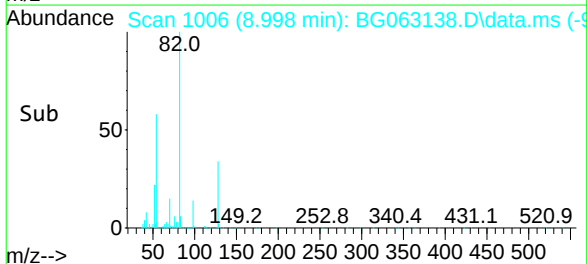
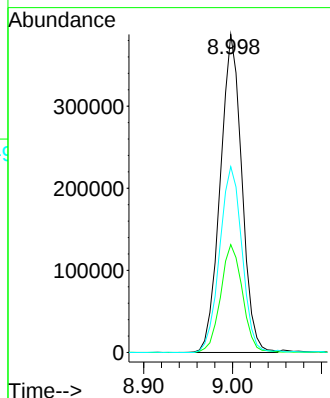
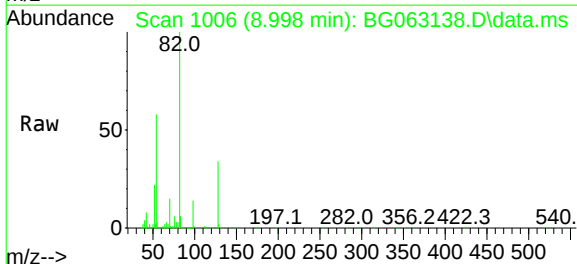
Tgt Ion: 82 Resp: 654088

Ion Ratio Lower Upper

82 100

128 33.9 26.6 39.8

54 58.4 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

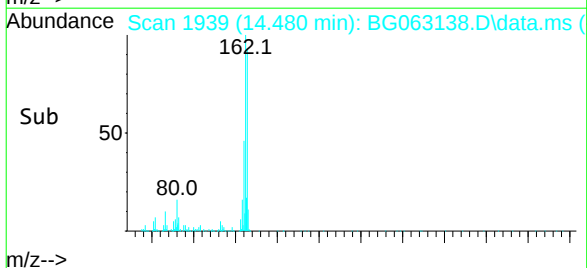
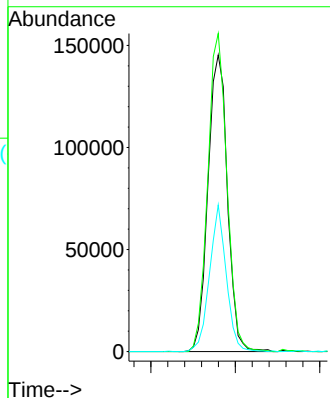
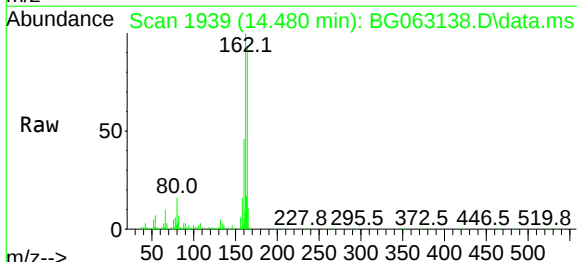
Tgt Ion: 164 Resp: 232468

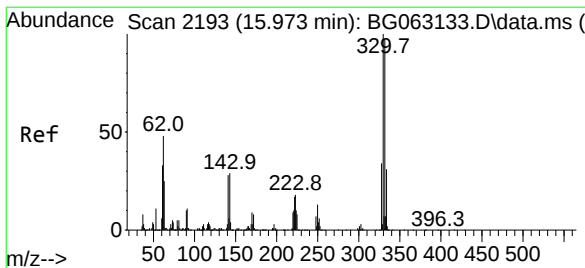
Ion Ratio Lower Upper

164 100

162 107.2 83.4 125.0

160 49.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 135.462 ng

RT: 15.972 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BG063138.D

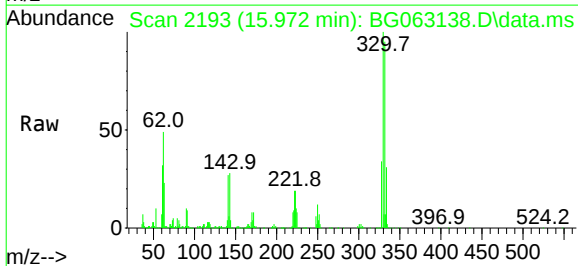
Acq: 31 Oct 2024 18:17

Instrument :

BNA_G

ClientSampleId :

PB164531BL



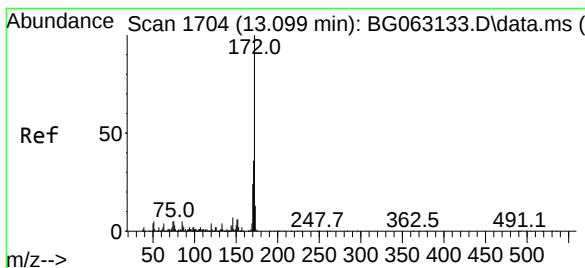
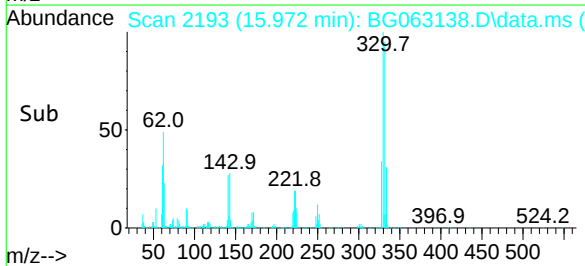
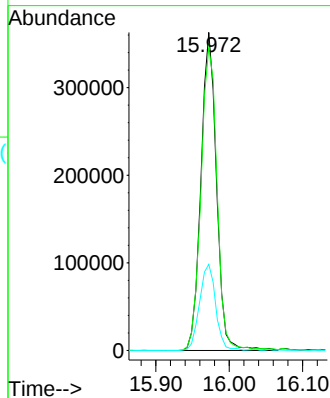
Tgt Ion:330 Resp: 534911

Ion Ratio Lower Upper

330 100

332 98.9 78.6 117.8

141 28.0 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 97.687 ng

RT: 13.099 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

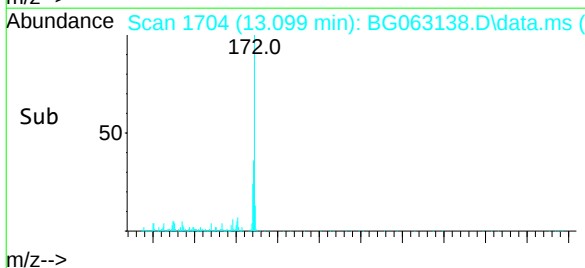
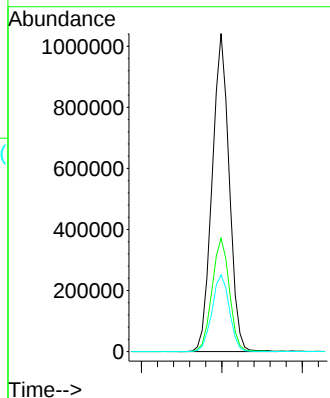
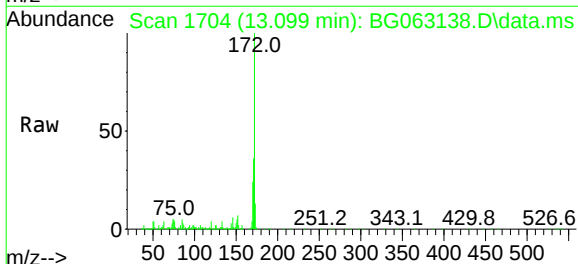
Tgt Ion:172 Resp: 1533244

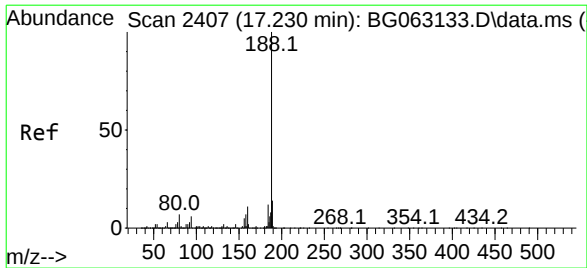
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.229 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

Instrument :

BNA_G

ClientSampleId :

PB164531BL

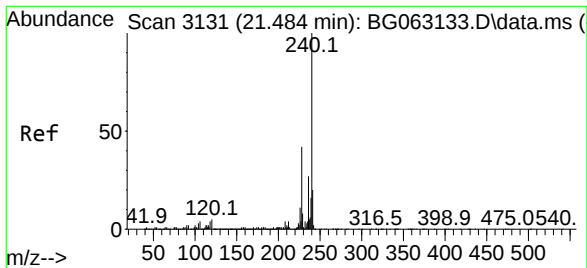
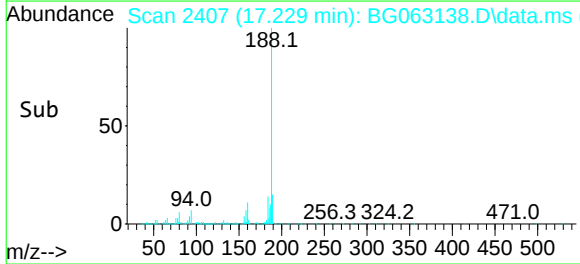
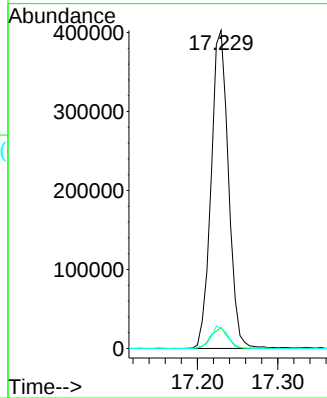
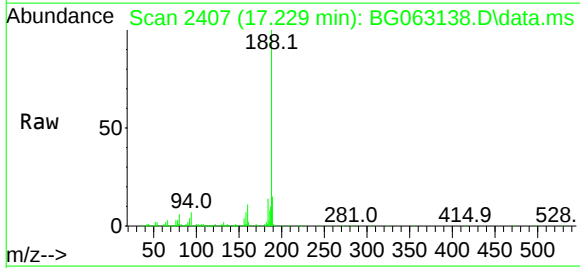
Tgt Ion:188 Resp: 603288

Ion Ratio Lower Upper

188 100

94 6.6 4.8 7.2

80 6.5 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

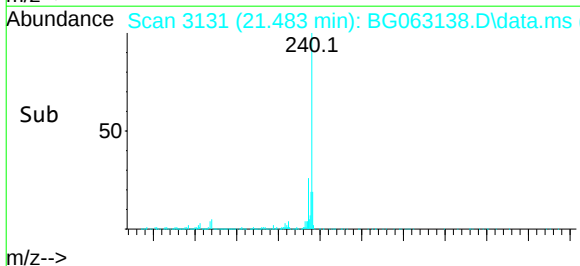
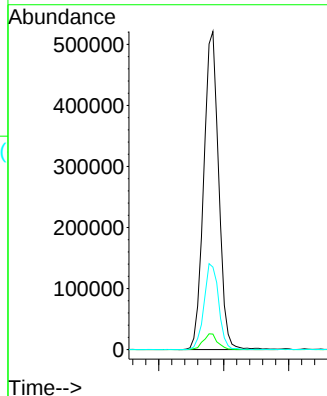
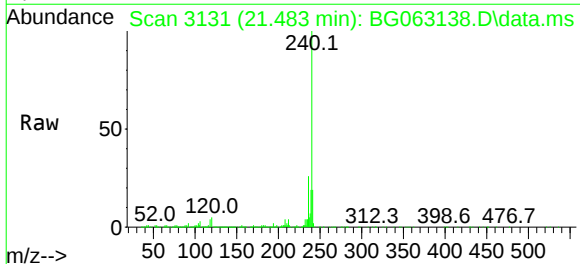
Tgt Ion:240 Resp: 832272

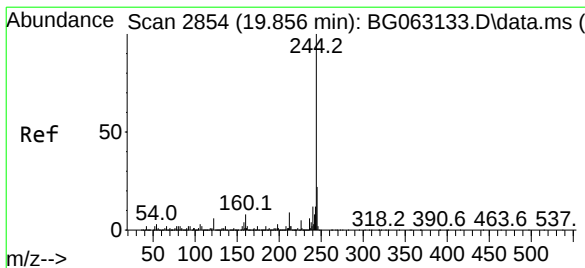
Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

236 25.9 21.4 32.2





#79

Terphenyl-d14

Concen: 94.065 ng

RT: 19.856 min Scan# 28

Delta R.T. -0.000 min

Lab File: BG063138.D

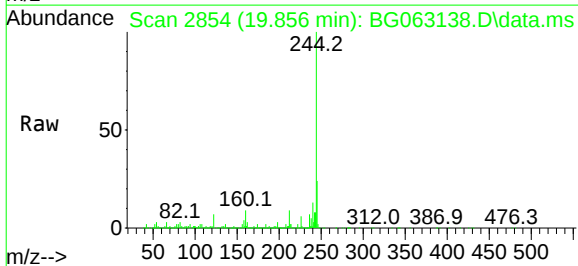
Acq: 31 Oct 2024 18:17

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PB164531BL



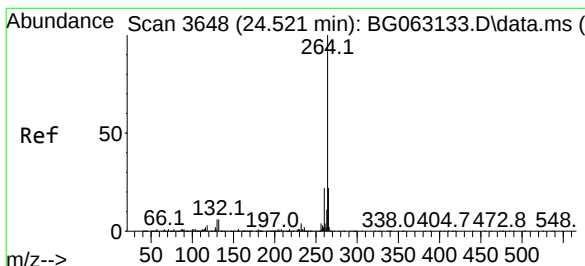
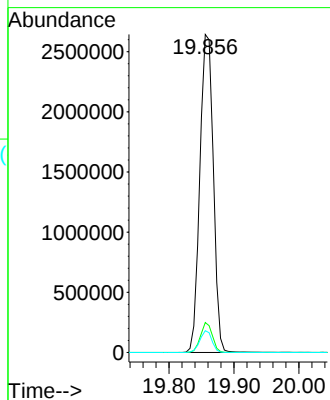
Tgt Ion:244 Resp: 3804354

Ion	Ratio	Lower	Upper
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244	100		
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212	9.4	7.3	10.9
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122	6.8	4.8	7.2
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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. -0.000 min

Lab File: BG063138.D

Acq: 31 Oct 2024 18:17

Tgt Ion:264 Resp: 942765

Ion	Ratio	Lower	Upper
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264	100		
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260	23.1	17.4	26.2
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265	20.9	17.4	26.0
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