

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060188.D
 Acq On : 2 Jan 2024 10:29
 Operator : MA/JU
 Sample : PB158159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158159BL

Quant Time: Jan 02 11:03:30 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	7.938	152	216033	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	912551	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	705616	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1900130	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1813434	20.000	ng	0.00
86) Perylene-d12	24.765	264	2018954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2586240	180.691	ng	0.00
7) Phenol-d6	7.104	99	3326779	156.542	ng	0.00
23) Nitrobenzene-d5	9.101	82	1952714	98.839	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1418642	150.194	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	4537045	92.412	ng	0.00
79) Terphenyl-d14	19.947	244	6470370	68.595	ng	0.00

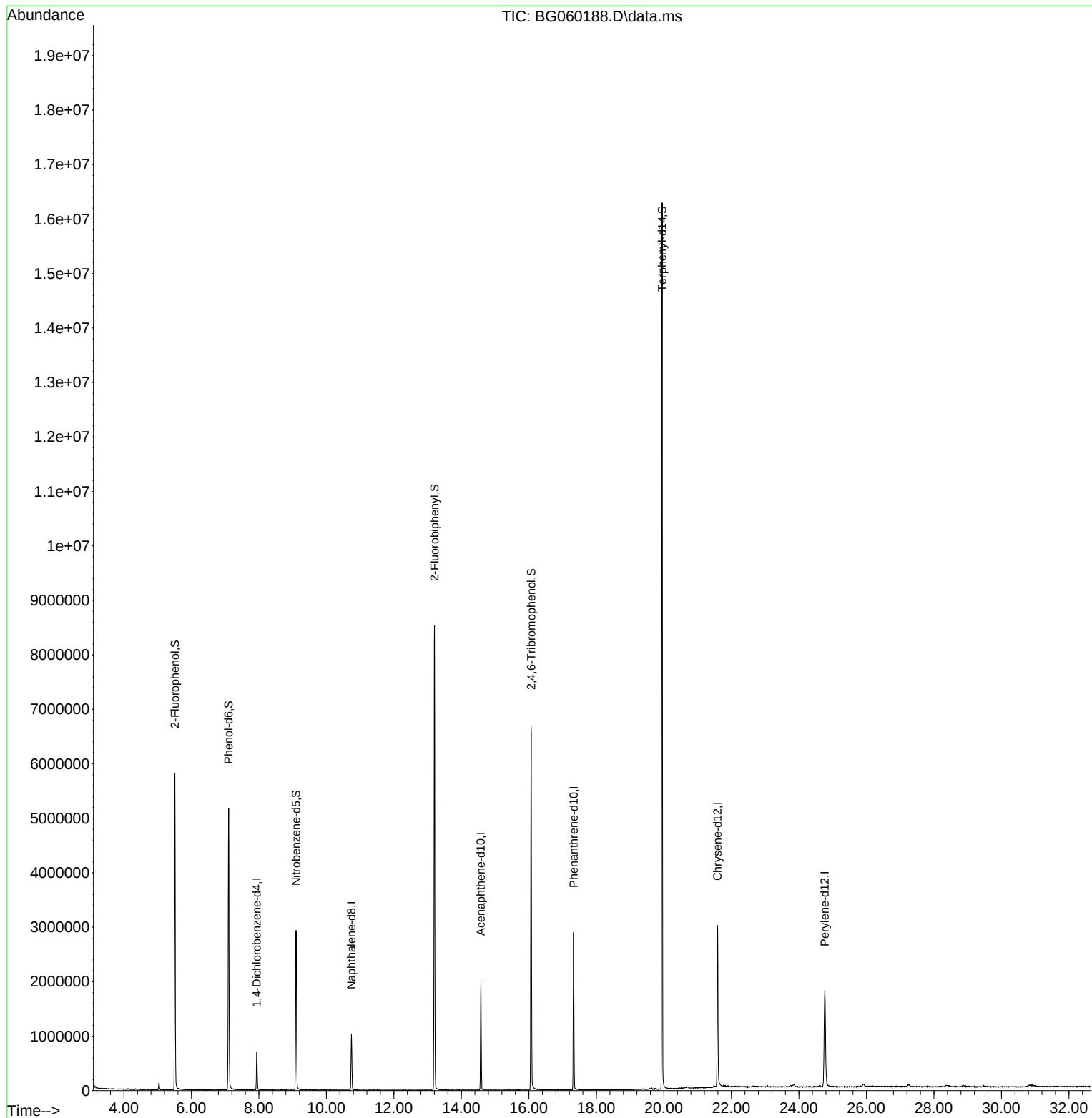
Target Compounds	Qvalue

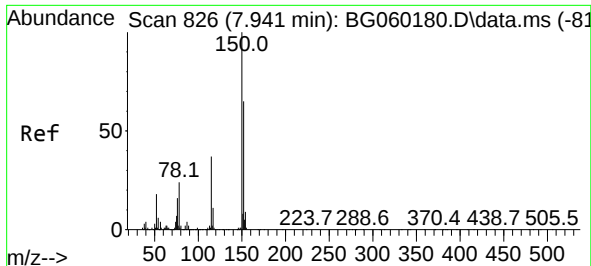
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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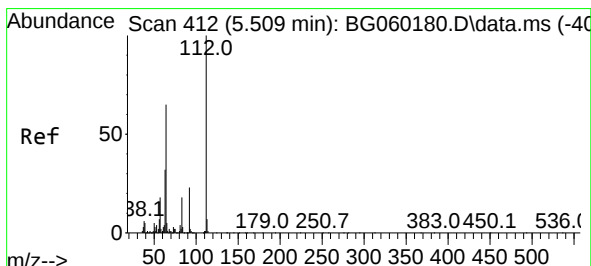
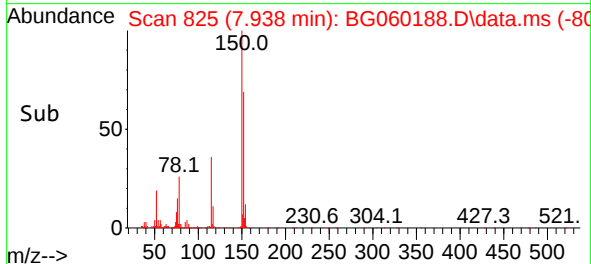
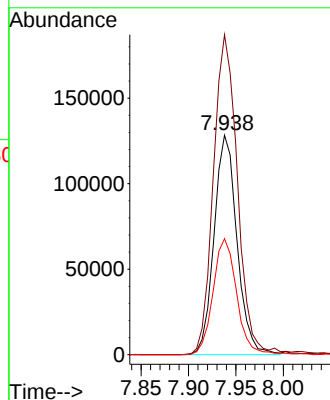
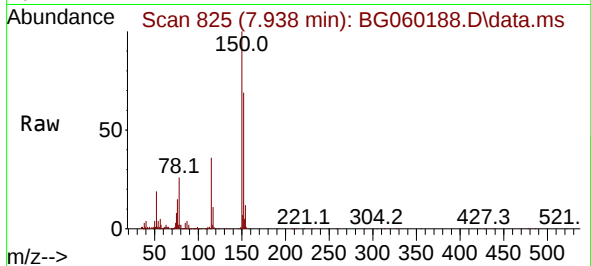




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

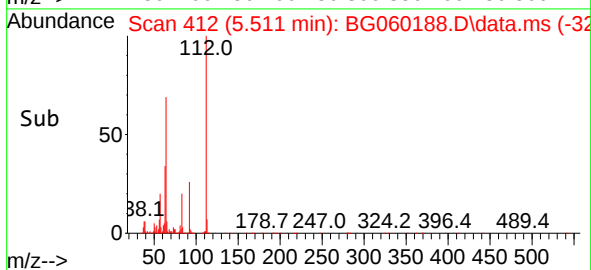
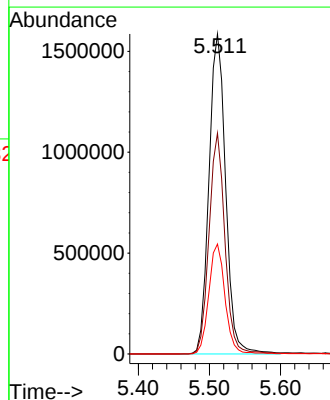
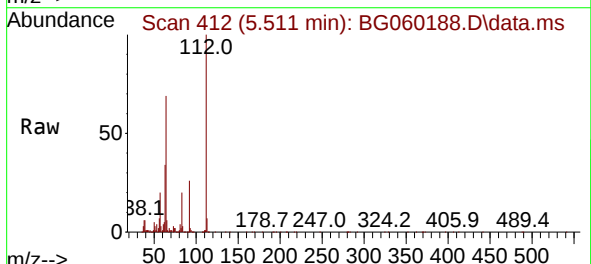
Instrument :
BNA_G
ClientSampleId :
PB158159BL

Tgt Ion:152 Resp: 216033
Ion Ratio Lower Upper
152 100
150 145.8 123.4 185.0
115 52.9 45.4 68.0



#5
2-Fluorophenol
Concen: 180.691 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:112 Resp: 2586240
Ion Ratio Lower Upper
112 100
64 69.0 52.2 78.4
63 34.3 25.4 38.0



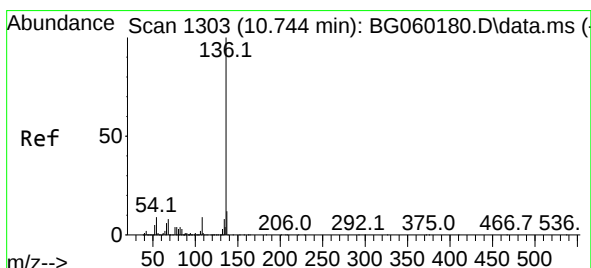
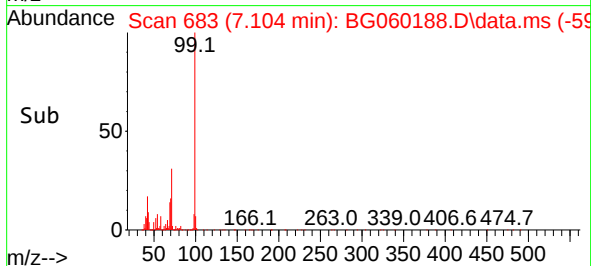
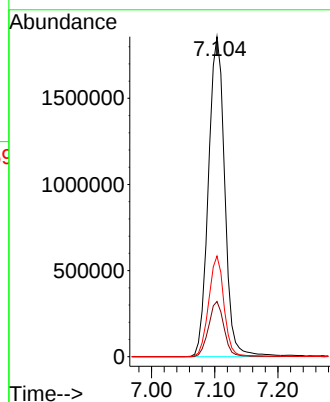
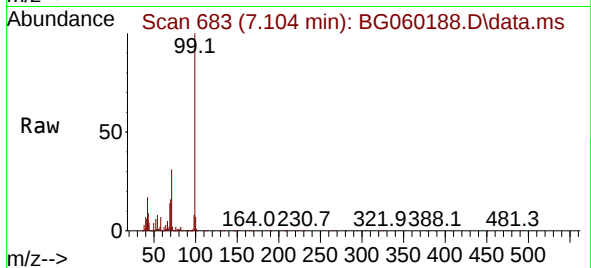


#7
Phenol-d6
Concen: 156.542 ng
RT: 7.104 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB158159BL

Tgt Ion: 99 Resp: 3326779

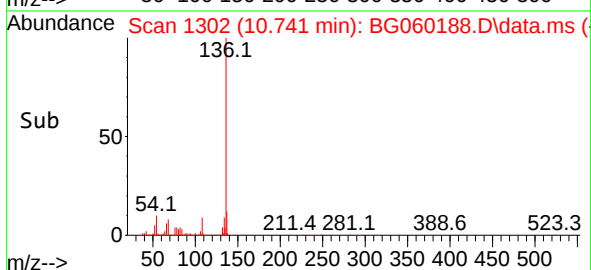
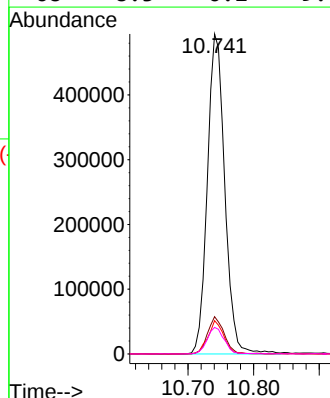
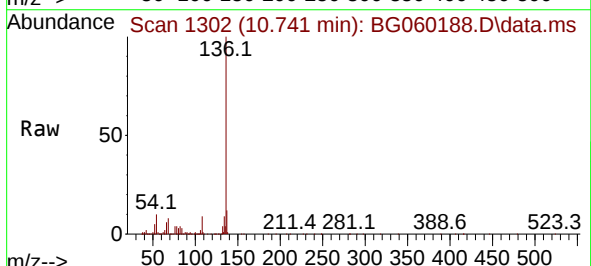
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.5	18.7
71	31.5	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion: 136 Resp: 912551

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	10.4	7.4	11.2
68	8.3	6.2	9.4

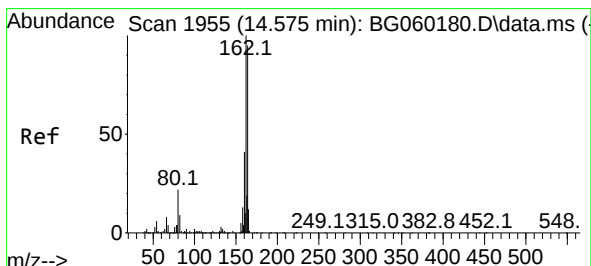
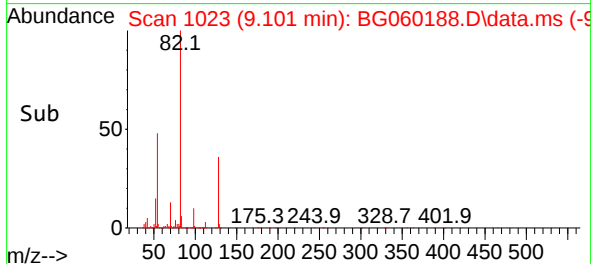
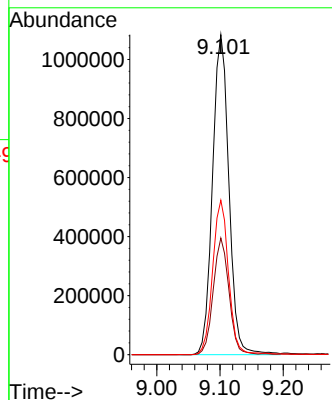
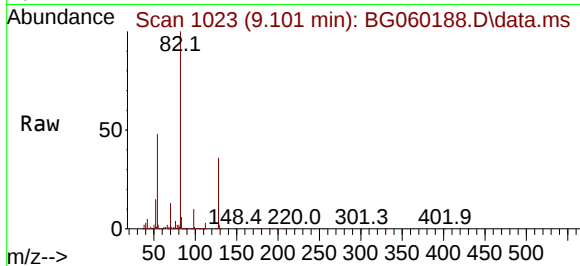




#23
Nitrobenzene-d5
Concen: 98.839 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

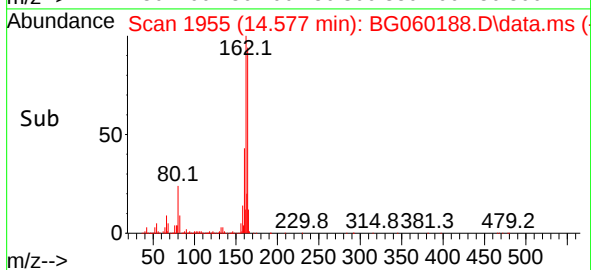
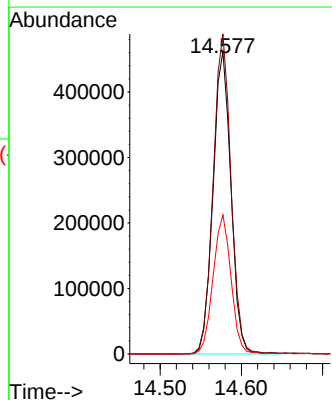
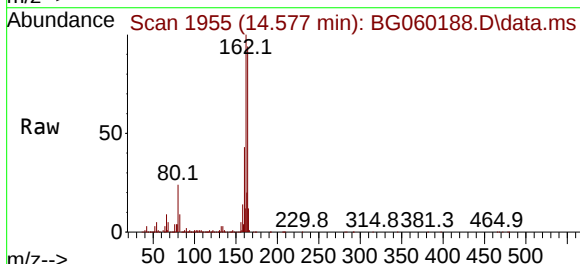
Instrument :
BNA_G
ClientSampleId :
PB158159BL

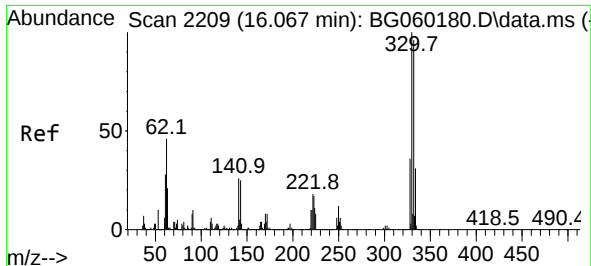
Tgt Ion: 82 Resp: 1952714
Ion Ratio Lower Upper
82 100
128 36.4 28.7 43.1
54 48.2 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:164 Resp: 705616
Ion Ratio Lower Upper
164 100
162 105.8 83.9 125.9
160 46.0 34.2 51.4

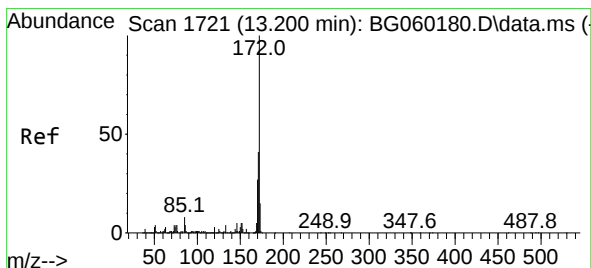
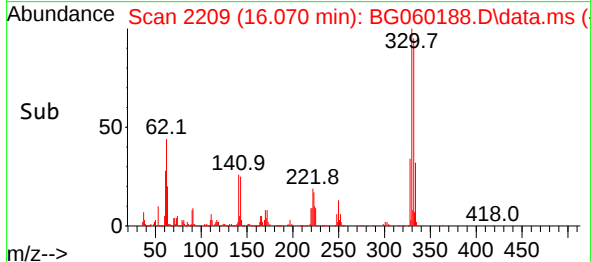
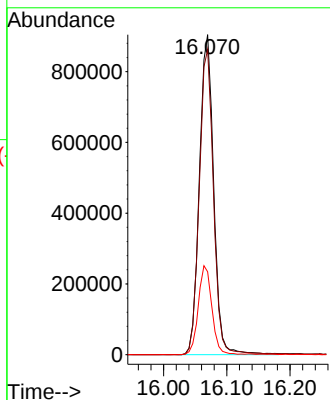
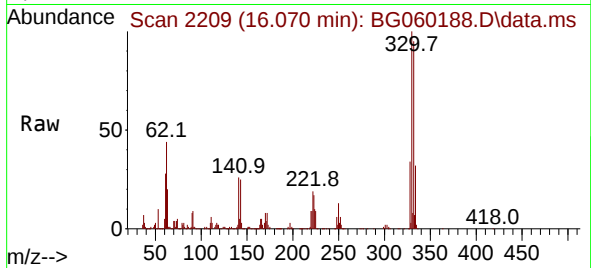




#42
2,4,6-Tribromophenol
Concen: 150.194 ng
RT: 16.070 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

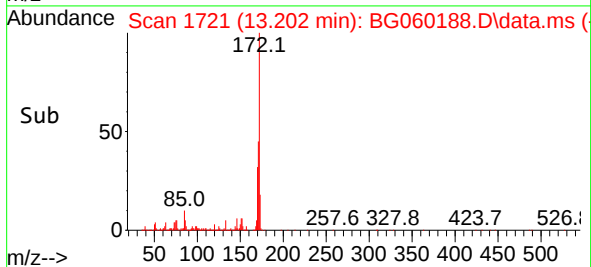
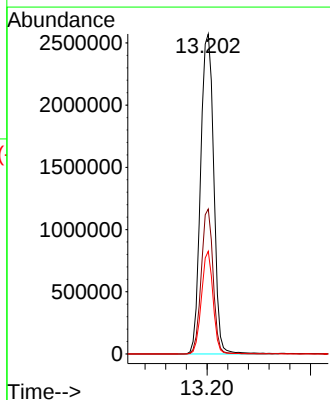
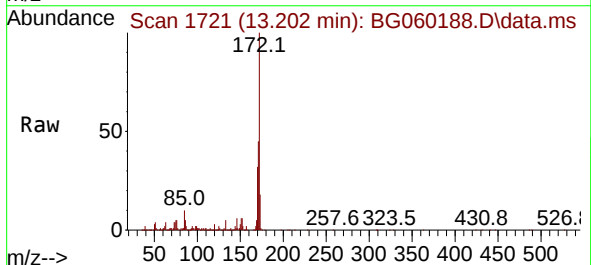
Instrument :
BNA_G
ClientSampleId :
PB158159BL

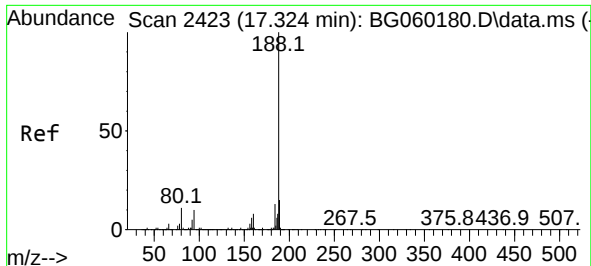
Tgt Ion:330 Resp: 1418642
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 26.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 92.412 ng
RT: 13.202 min Scan# 1721
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:172 Resp: 4537045
Ion Ratio Lower Upper
172 100
171 45.3 32.6 48.8
170 32.1 21.8 32.6

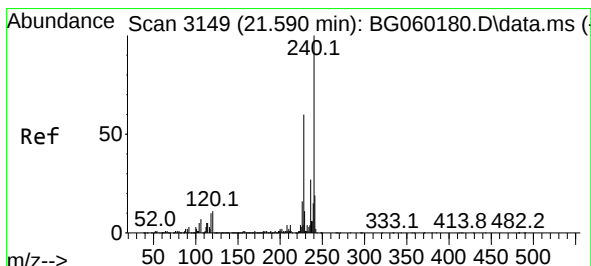
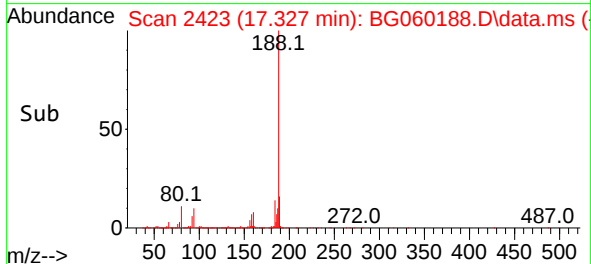
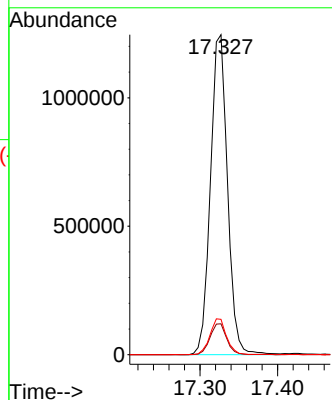
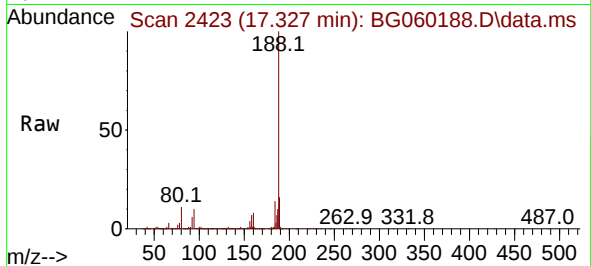




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

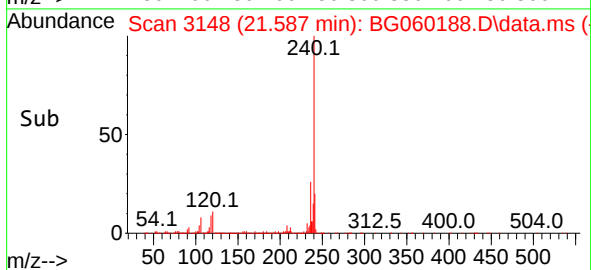
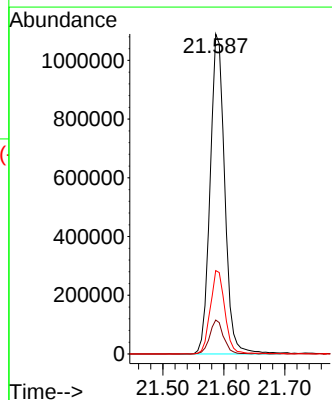
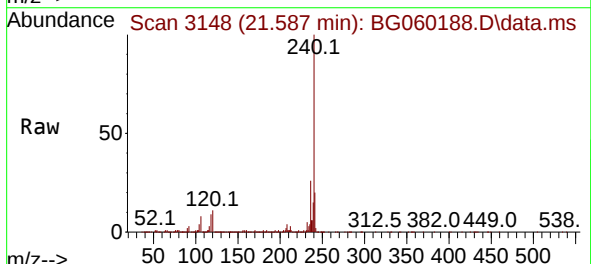
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BNA_G
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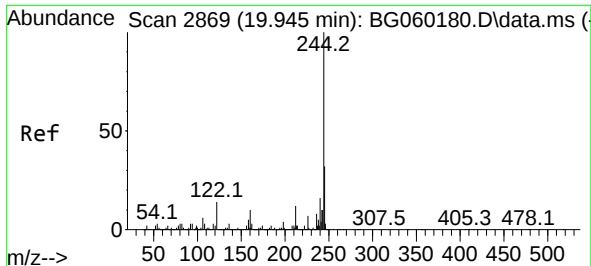
Tgt Ion:188 Resp: 1900130
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:240 Resp: 1813434
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 26.0 21.4 32.2

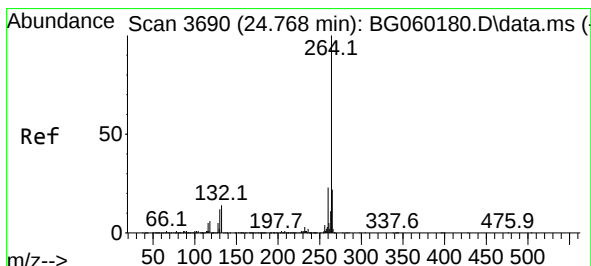
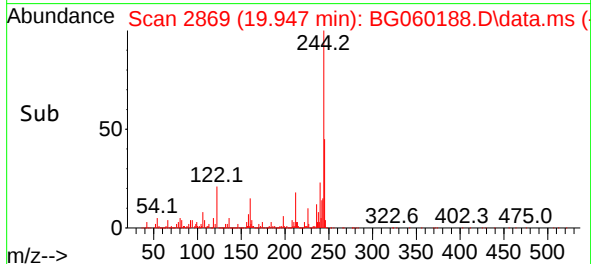
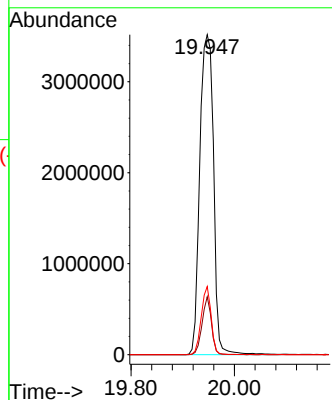
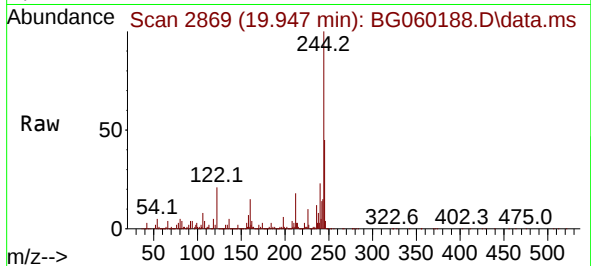




#79
Terphenyl-d14
Concen: 68.595 ng
RT: 19.947 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 6470370
Ion Ratio Lower Upper
244 100
212 18.1 9.5 14.3#
122 21.3 11.4 17.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 3689
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:264 Resp: 2018954
Ion Ratio Lower Upper
264 100
260 23.1 18.0 27.0
265 21.5 17.4 26.0

