

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060241.D
 Acq On : 4 Jan 2024 12:16
 Operator : MA/JU
 Sample : PB158174BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158174BL

Quant Time: Jan 04 13:03:23 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	229139	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	939771	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	725351	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1982011	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1889712	20.000	ng	0.00
86) Perylene-d12	24.772	264	2116427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	2253110	148.412	ng	0.00
7) Phenol-d6	7.104	99	3210969	142.451	ng	0.00
23) Nitrobenzene-d5	9.102	82	1934174	95.065	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	1453915	149.740	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	4361552	86.421	ng	0.00
79) Terphenyl-d14	19.948	244	6264922	63.736	ng	0.00

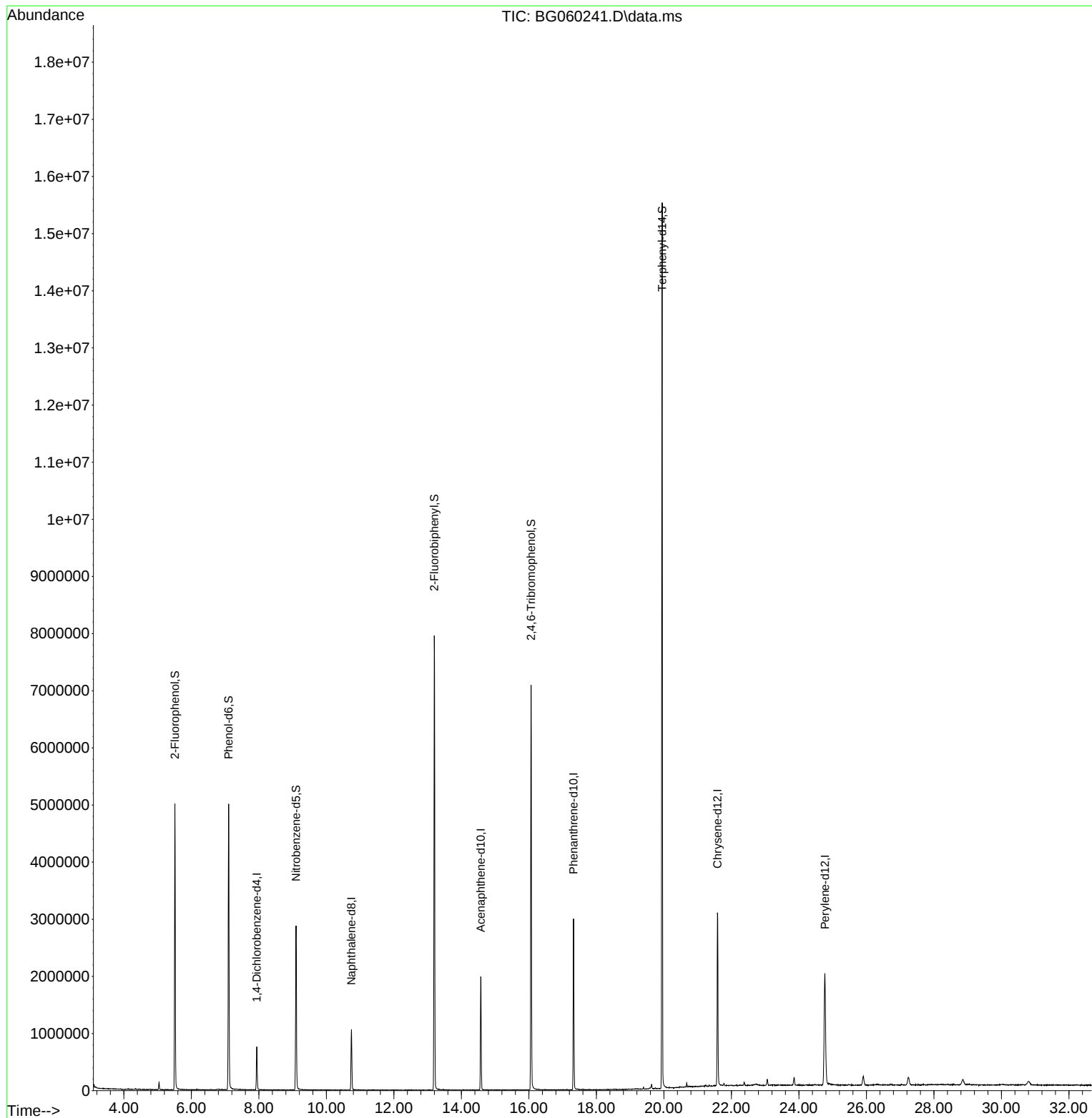
Target Compounds	Qvalue

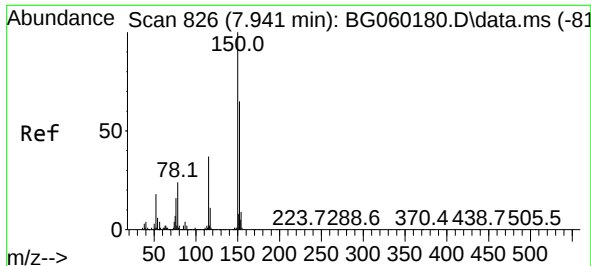
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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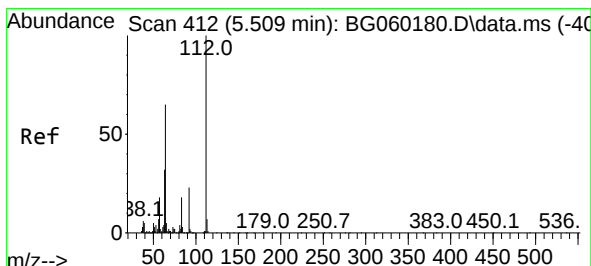
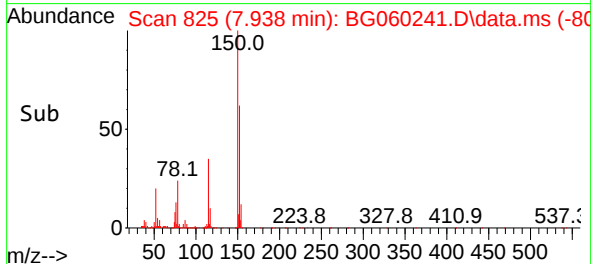
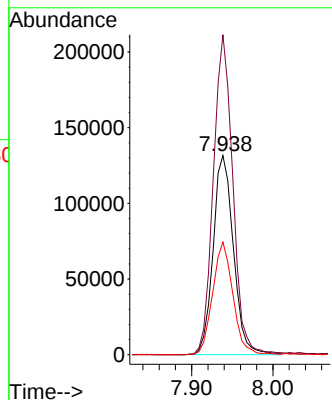
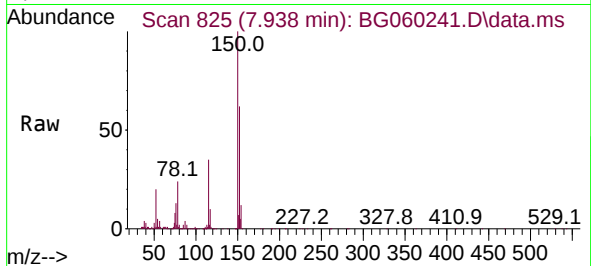




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

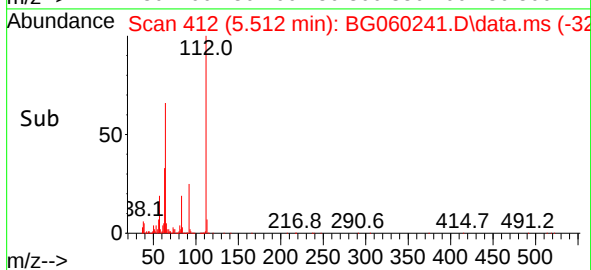
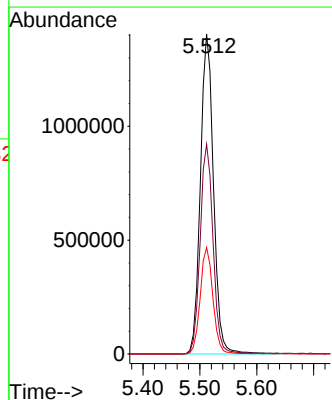
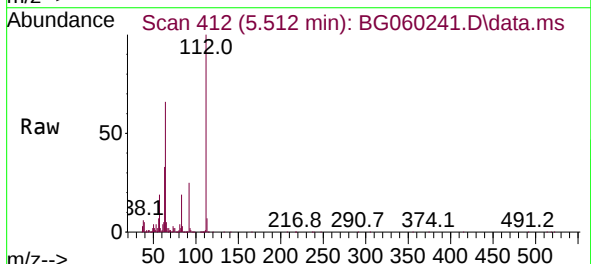
Instrument :
BNA_G
ClientSampleId :
PB158174BL

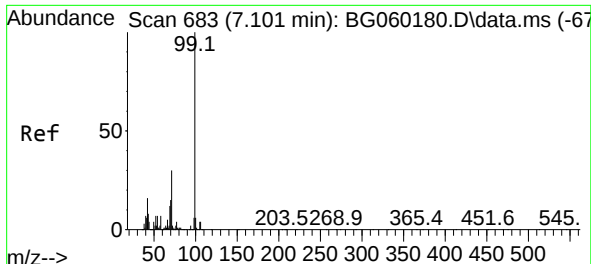
Tgt Ion:152 Resp: 229139
Ion Ratio Lower Upper
152 100
150 160.6 123.4 185.0
115 56.6 45.4 68.0



#5
2-Fluorophenol
Concen: 148.412 ng
RT: 5.512 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:112 Resp: 2253110
Ion Ratio Lower Upper
112 100
64 65.6 52.2 78.4
63 33.3 25.4 38.0



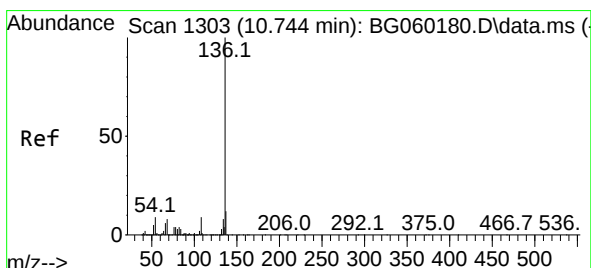
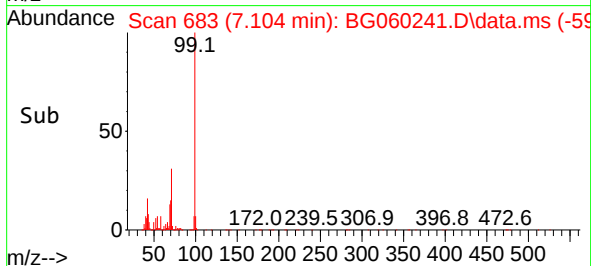
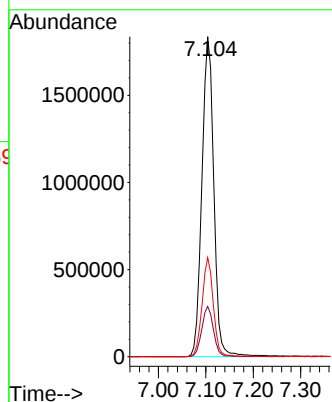
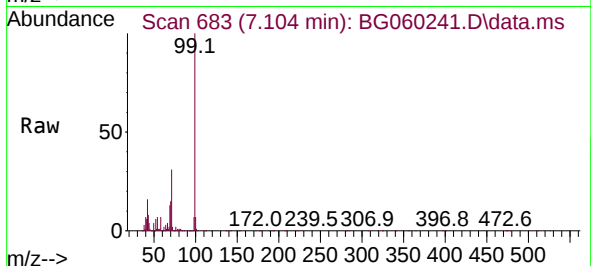


#7
Phenol-d6
Concen: 142.451 ng
RT: 7.104 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Instrument :
BNA_G
ClientSampleId :
PB158174BL

Tgt Ion: 99 Resp: 3210969

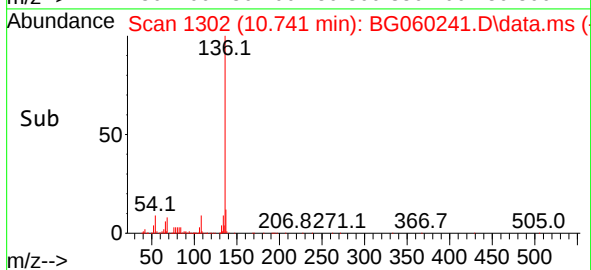
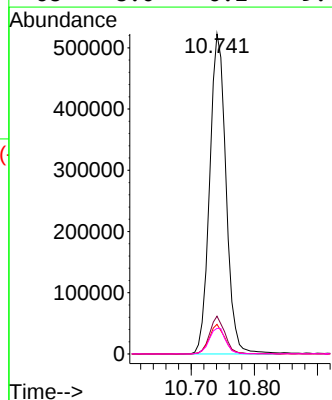
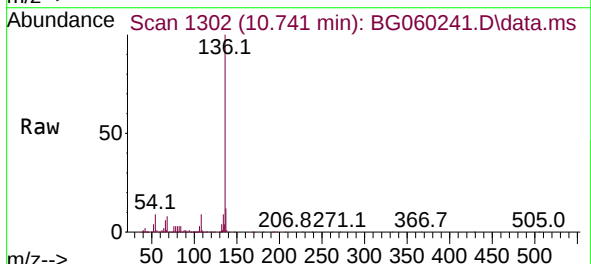
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	30.9	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion: 136 Resp: 939771

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	9.3	7.4	11.2
68	8.0	6.2	9.4

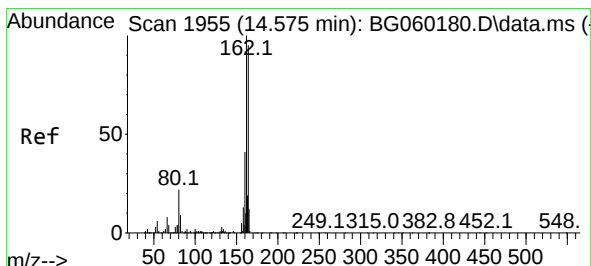
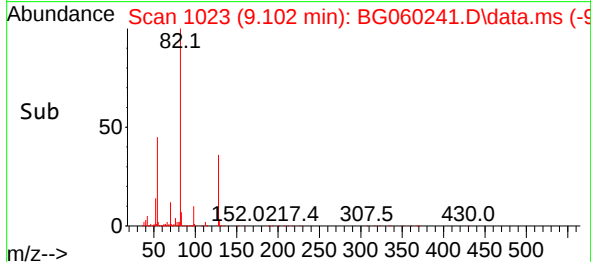
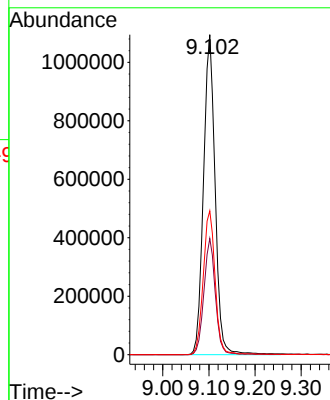
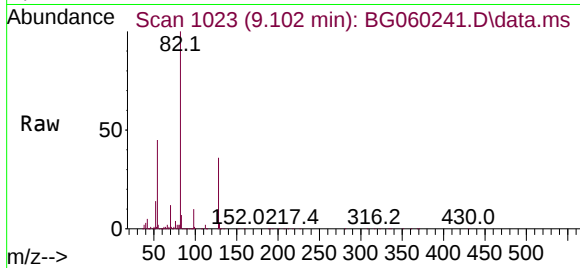




#23
Nitrobenzene-d5
Concen: 95.065 ng
RT: 9.102 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

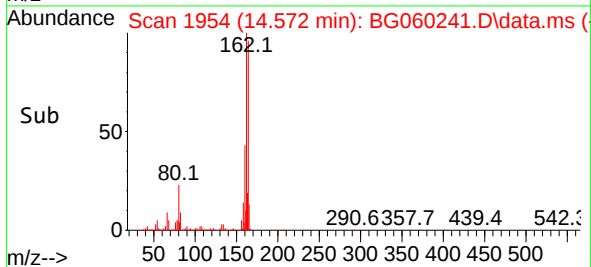
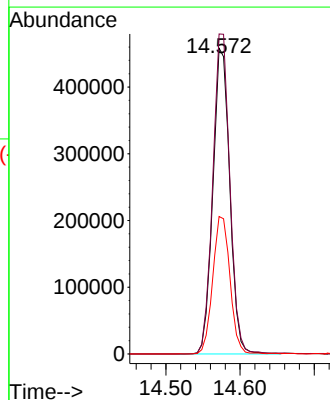
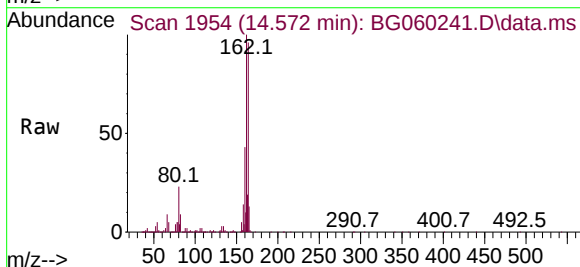
Instrument :
BNA_G
ClientSampleId :
PB158174BL

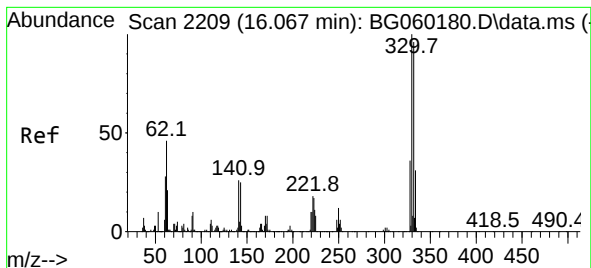
Tgt Ion: 82 Resp: 1934174
Ion Ratio Lower Upper
82 100
128 36.3 28.7 43.1
54 45.0 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:164 Resp: 725351
Ion Ratio Lower Upper
164 100
162 104.7 83.9 125.9
160 44.9 34.2 51.4

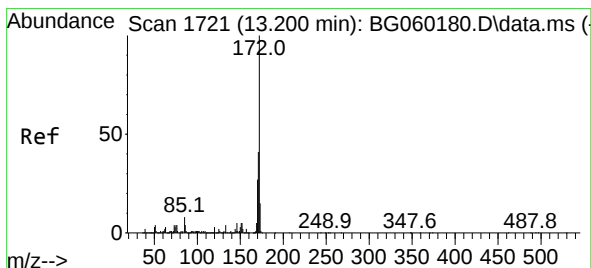
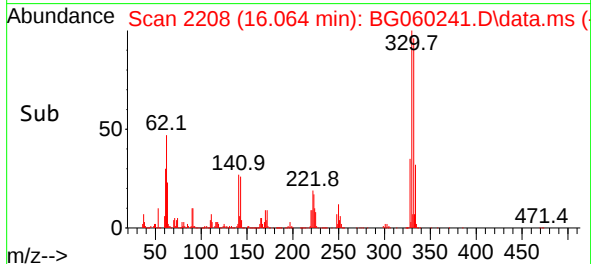
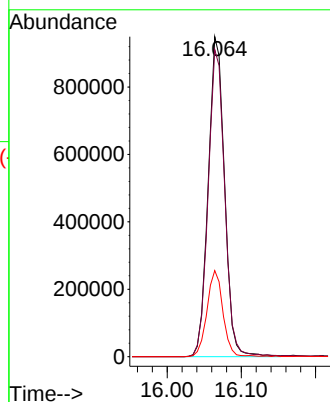
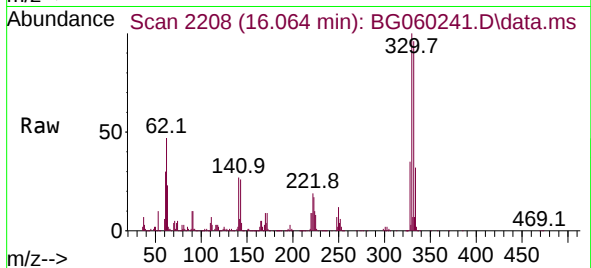




#42
2,4,6-Tribromophenol
Concen: 149.740 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

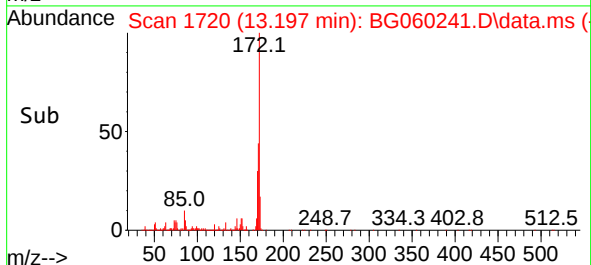
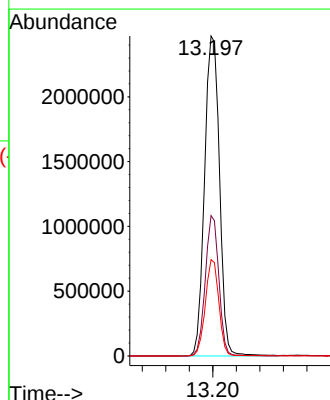
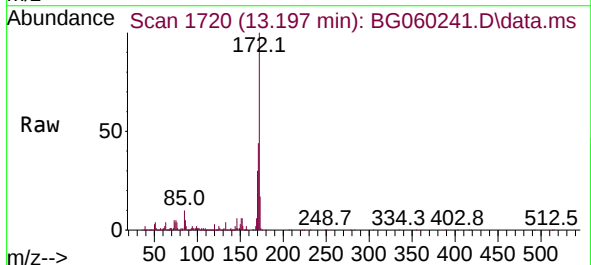
Instrument :
BNA_G
ClientSampleId :
PB158174BL

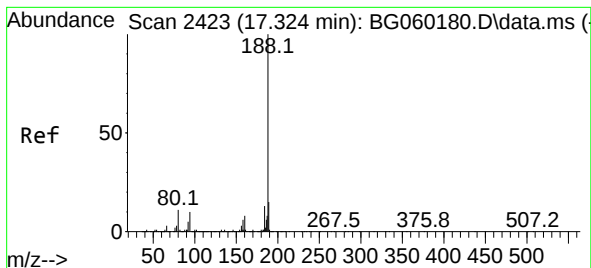
Tgt Ion:330 Resp: 1453915
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 26.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.421 ng
RT: 13.197 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060241.D
Acq: 4 Jan 2024 12:16

Tgt Ion:172 Resp: 4361552
Ion Ratio Lower Upper
172 100
171 43.8 32.6 48.8
170 30.1 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060241.D

Acq: 4 Jan 2024 12:16

Instrument :

BNA_G

ClientSampleId :

PB158174BL

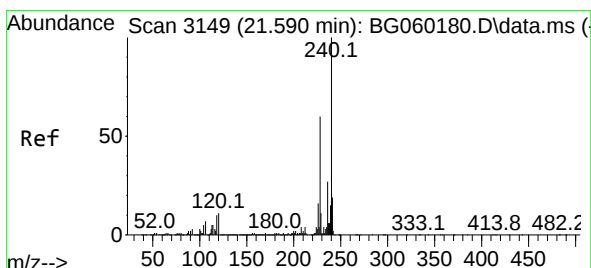
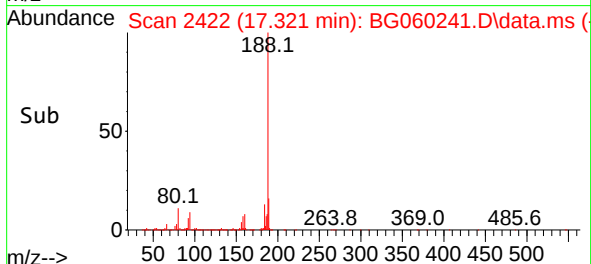
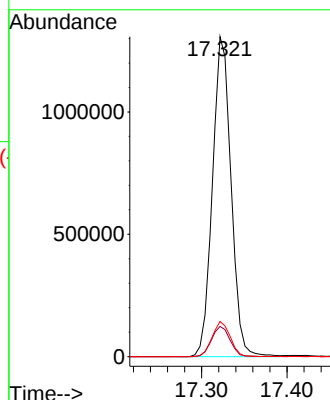
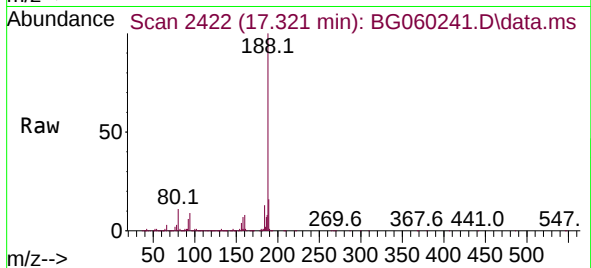
Tgt Ion:188 Resp: 1982011

Ion Ratio Lower Upper

188 100

94 9.4 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: BG060241.D

Acq: 4 Jan 2024 12:16

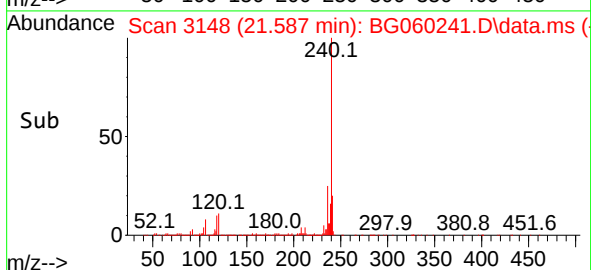
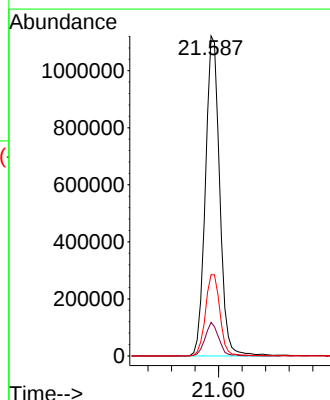
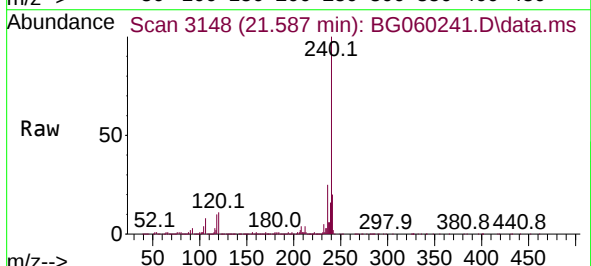
Tgt Ion:240 Resp: 1889712

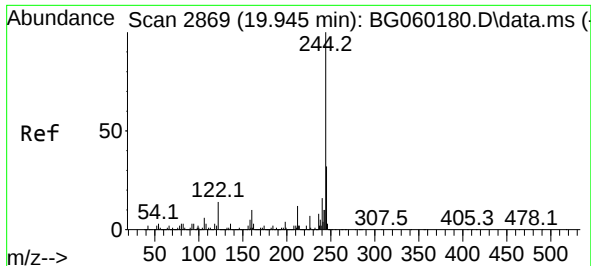
Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.4 21.4 32.2

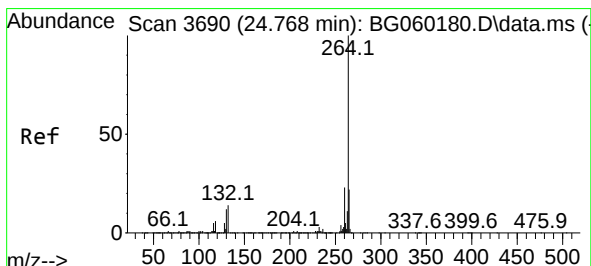
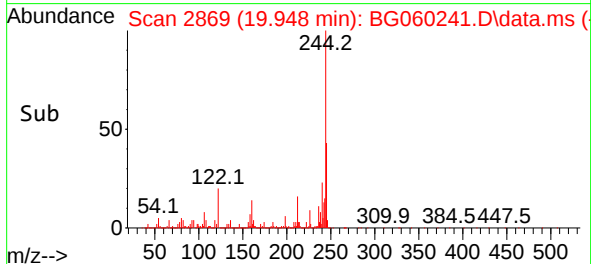
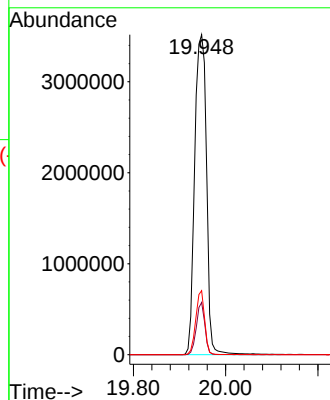
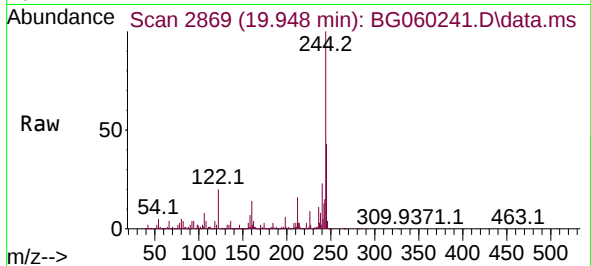




#79
 Terphenyl-d14
 Concen: 63.736 ng
 RT: 19.948 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060241.D
 Acq: 4 Jan 2024 12:16

Instrument :
 BNA_G
 ClientSampleId :
 PB158174BL

Tgt Ion:244 Resp: 6264922
 Ion Ratio Lower Upper
 244 100
 212 16.3 9.5 14.3#
 122 20.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.772 min Scan# 3690
 Delta R.T. 0.003 min
 Lab File: BG060241.D
 Acq: 4 Jan 2024 12:16

Tgt Ion:264 Resp: 2116427
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.0 27.0
 265 22.0 17.4 26.0

