

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060256.D
 Acq On : 4 Jan 2024 23:04
 Operator : MA/JU
 Sample : PB158206BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158206BL

Quant Time: Jan 05 01:47:28 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	7.937	152	183991	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	751119	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	605914	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1609994	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1547682	20.000	ng	0.00
86) Perylene-d12	24.759	264	1782721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1589622	130.402	ng	0.00
7) Phenol-d6	7.097	99	2323482	128.372	ng	0.00
23) Nitrobenzene-d5	9.095	82	1327397	81.628	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1095888	135.115	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3360179	79.703	ng	0.00
79) Terphenyl-d14	19.941	244	5385613	66.899	ng	0.00

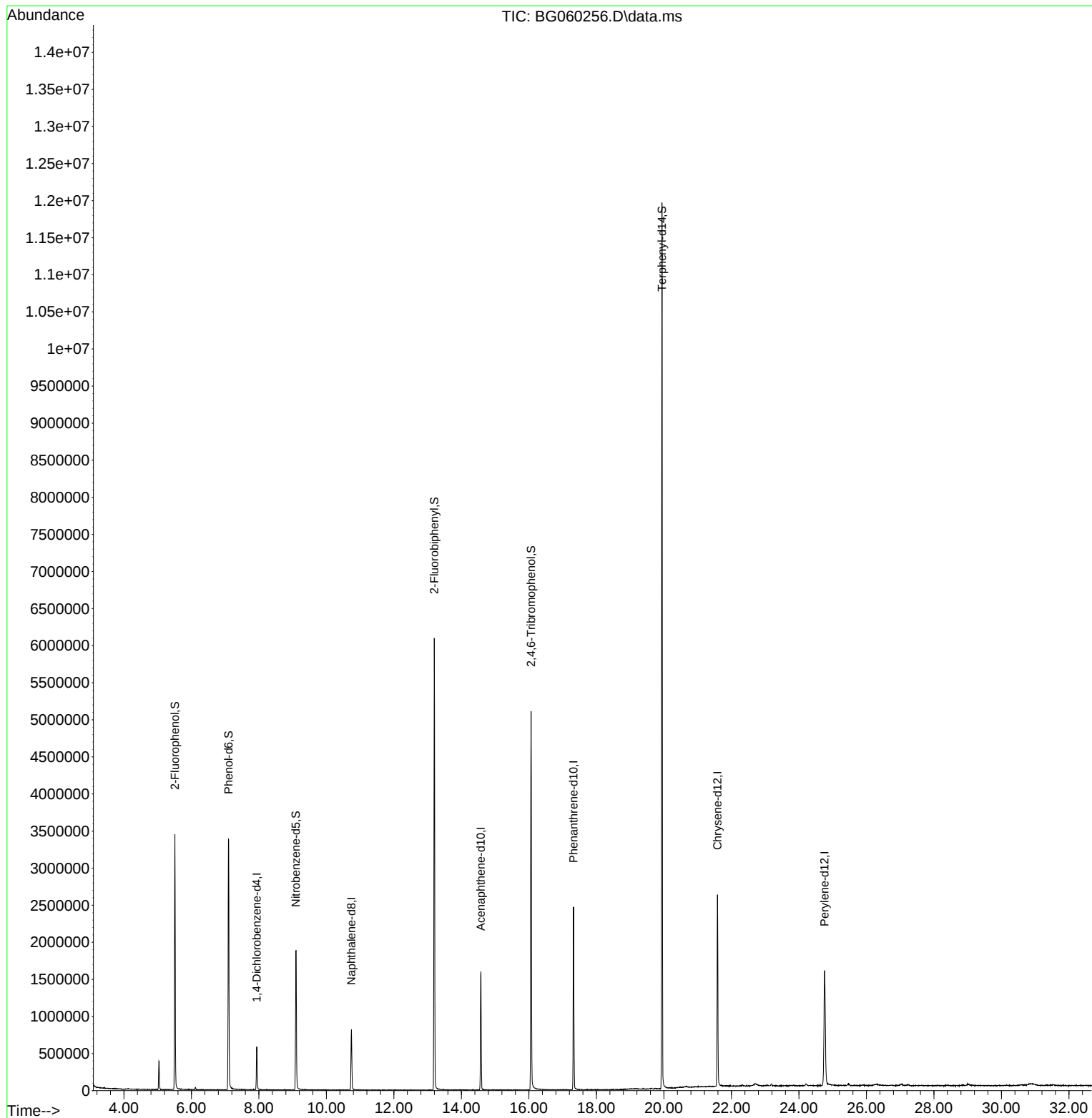
Target Compounds	Qvalue

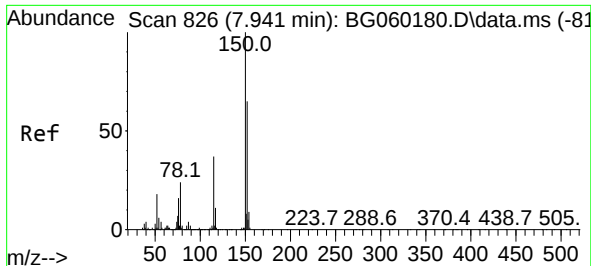
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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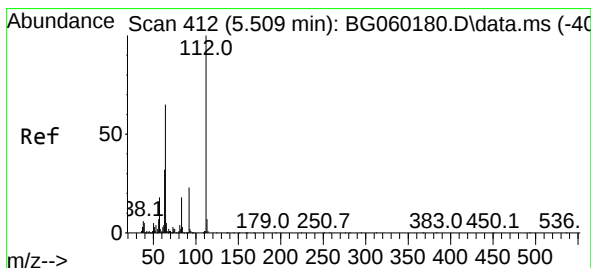
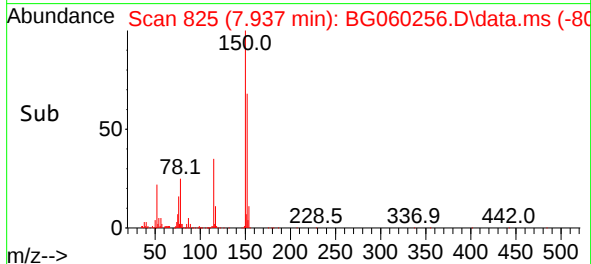
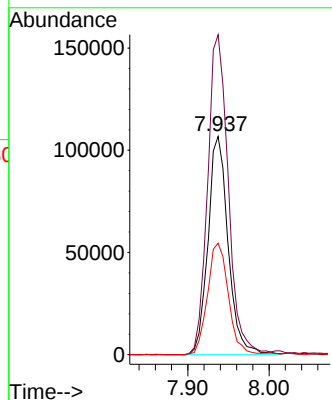
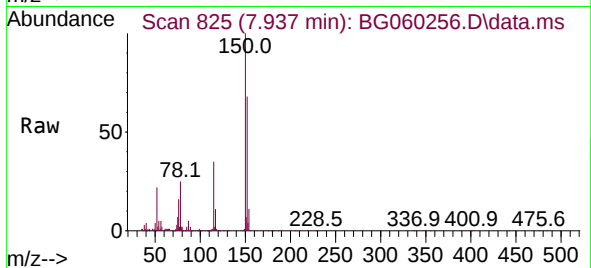




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

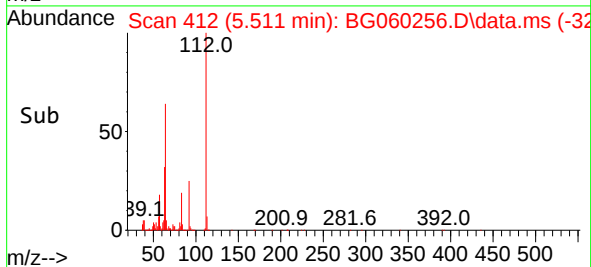
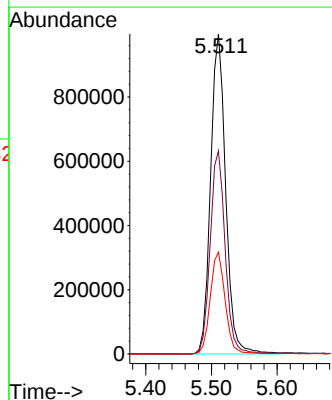
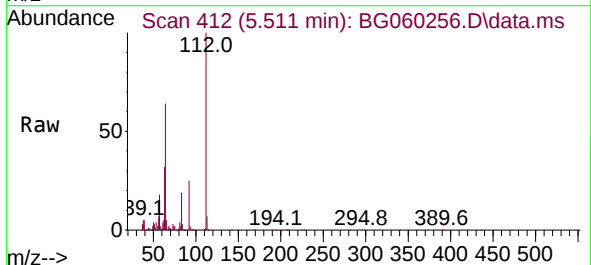
Instrument :
BNA_G
ClientSampleId :
PB158206BL

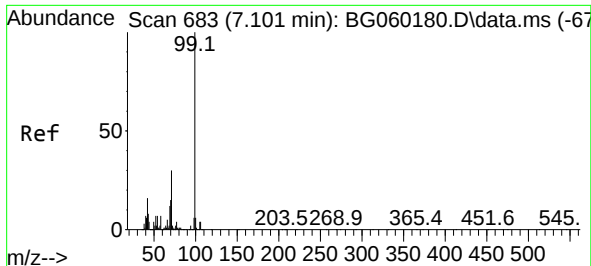
Tgt Ion:152 Resp: 183991
Ion Ratio Lower Upper
152 100
150 146.6 123.4 185.0
115 51.1 45.4 68.0



#5
2-Fluorophenol
Concen: 130.402 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:112 Resp: 1589622
Ion Ratio Lower Upper
112 100
64 63.5 52.2 78.4
63 31.8 25.4 38.0



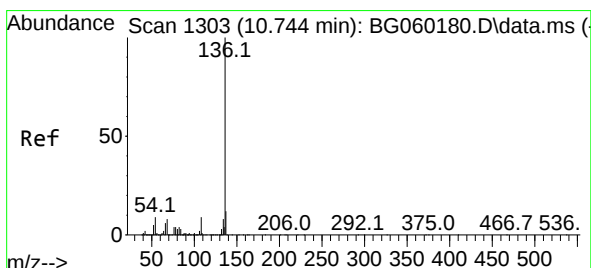
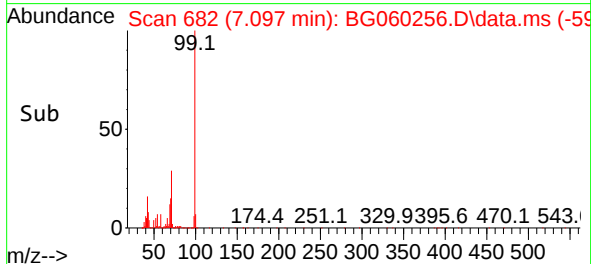
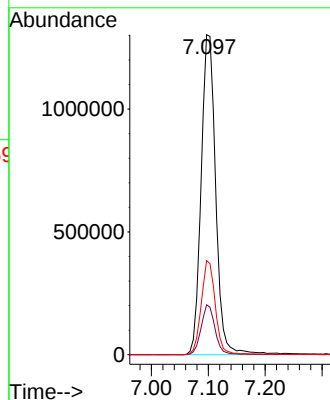
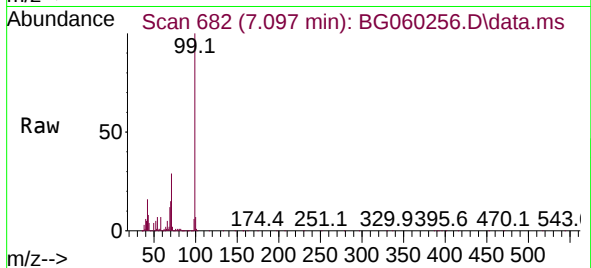


#7
Phenol-d6
Concen: 128.372 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Instrument :
BNA_G
ClientSampleId :
PB158206BL

Tgt Ion: 99 Resp: 2323482

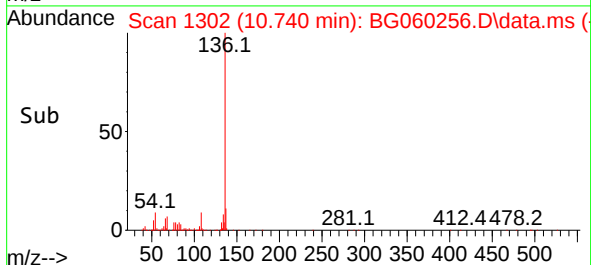
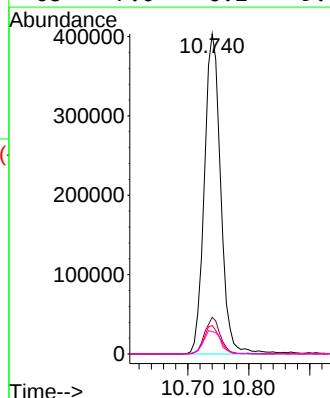
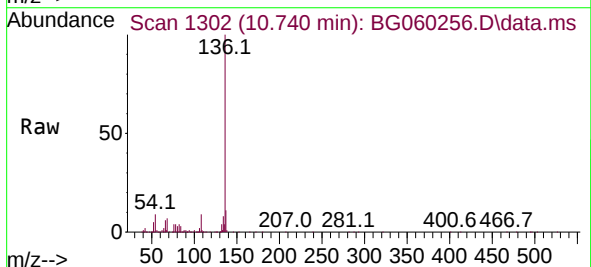
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	29.4	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion: 136 Resp: 751119

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.9	7.4	11.2
68	7.0	6.2	9.4

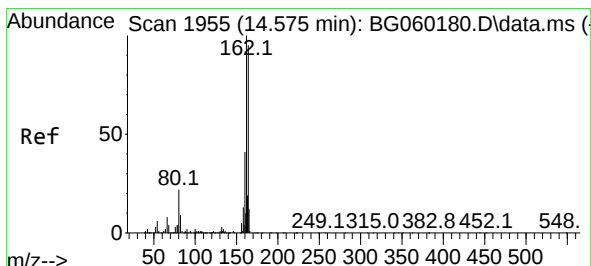
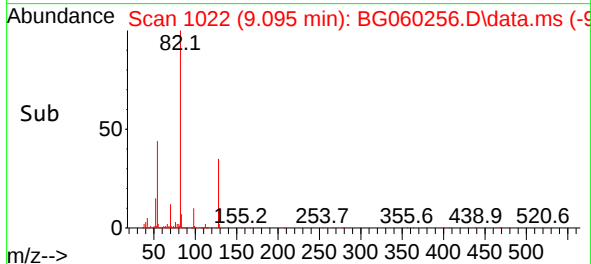
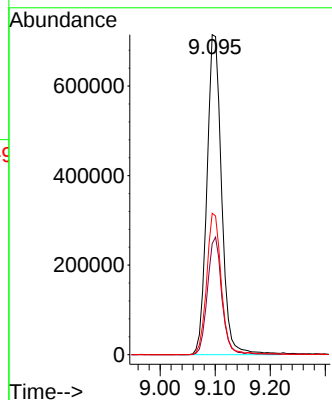
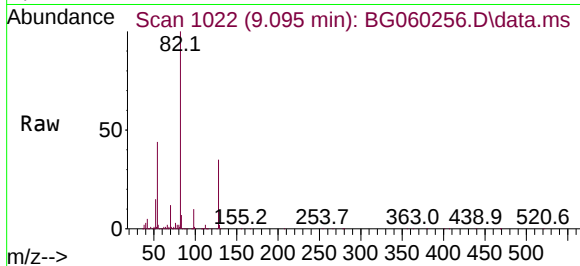




#23
Nitrobenzene-d5
Concen: 81.628 ng
RT: 9.095 min Scan# 1024
Delta R.T. -0.010 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

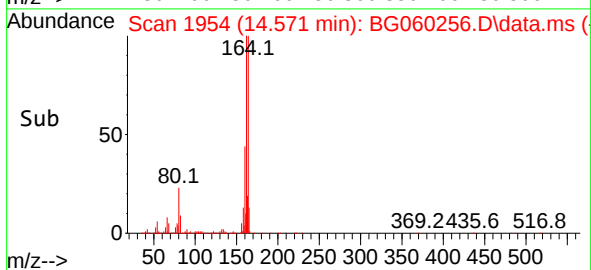
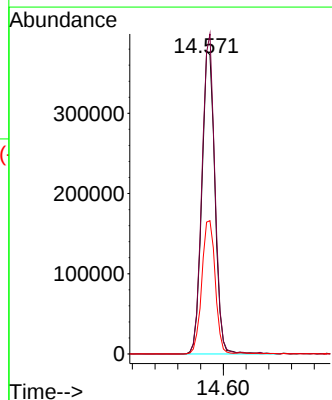
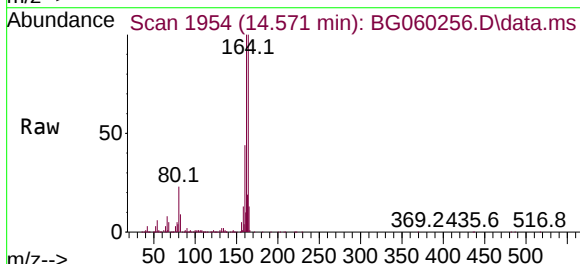
Instrument :
BNA_G
ClientSampleId :
PB158206BL

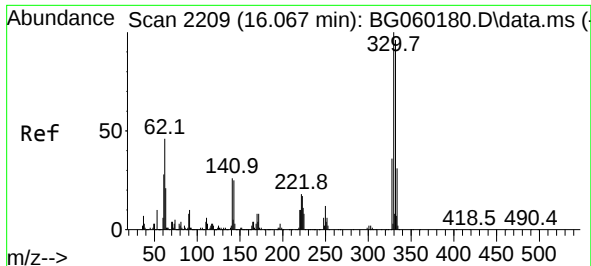
Tgt Ion: 82 Resp: 1327397
Ion Ratio Lower Upper
82 100
128 34.7 28.7 43.1
54 44.2 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:164 Resp: 605914
Ion Ratio Lower Upper
164 100
162 99.5 83.9 125.9
160 43.5 34.2 51.4

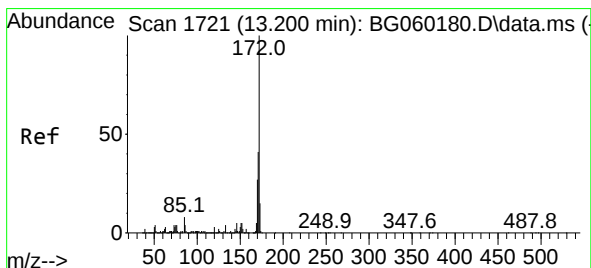
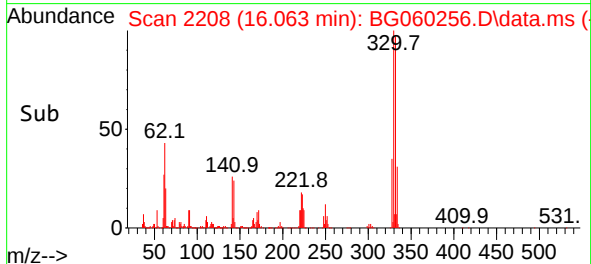
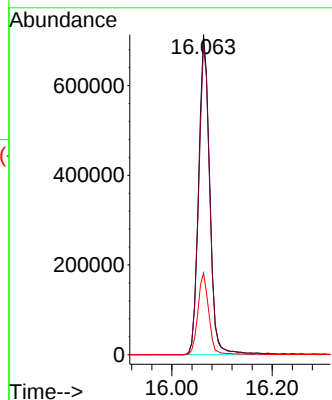
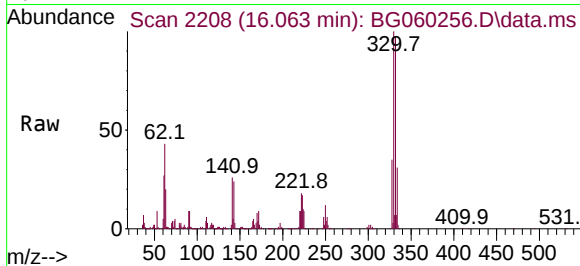




#42
2,4,6-Tribromophenol
Concen: 135.115 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

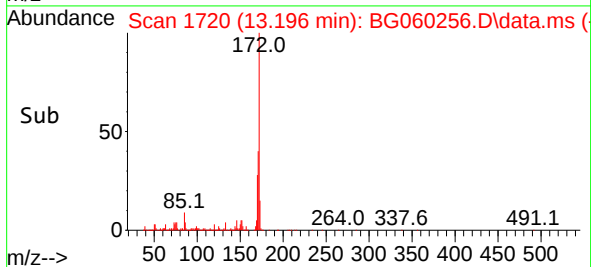
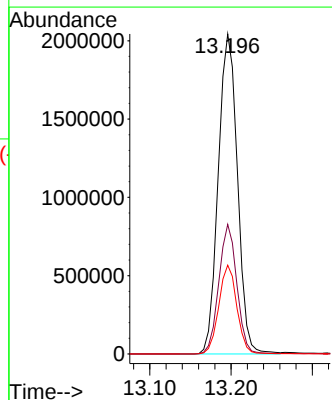
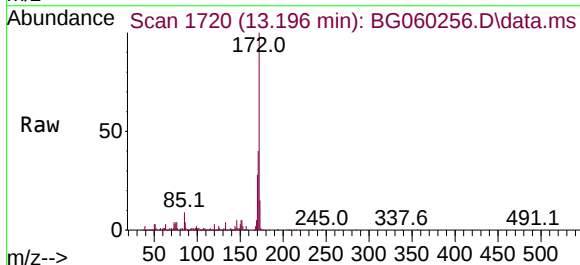
Instrument :
BNA_G
ClientSampleId :
PB158206BL

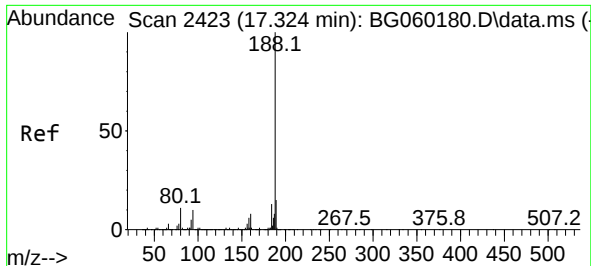
Tgt Ion:330 Resp: 1095888
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.8 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 79.703 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:172 Resp: 3360179
Ion Ratio Lower Upper
172 100
171 40.5 32.6 48.8
170 27.7 21.8 32.6

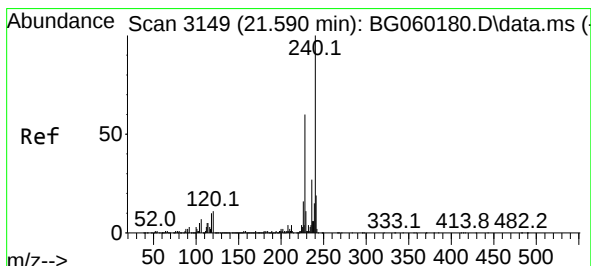
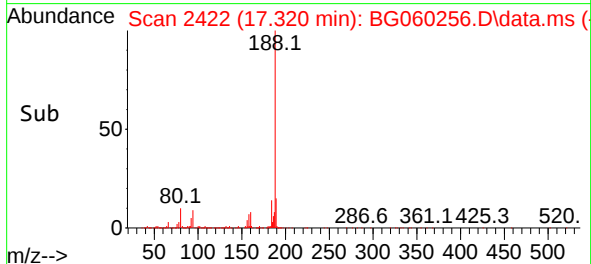
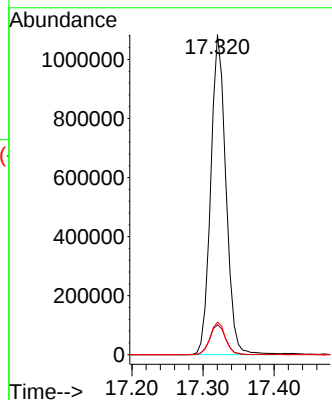
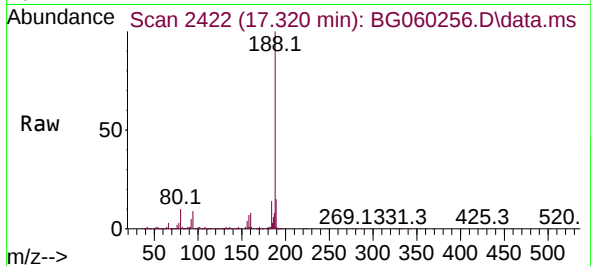




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

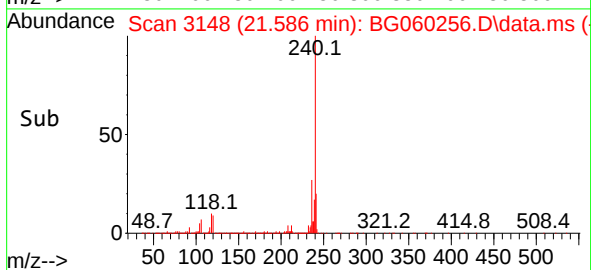
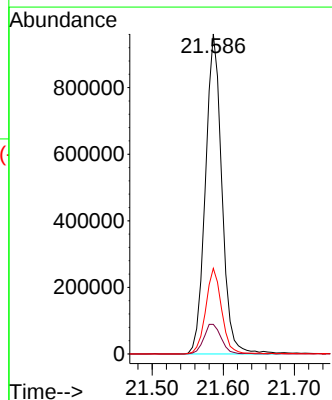
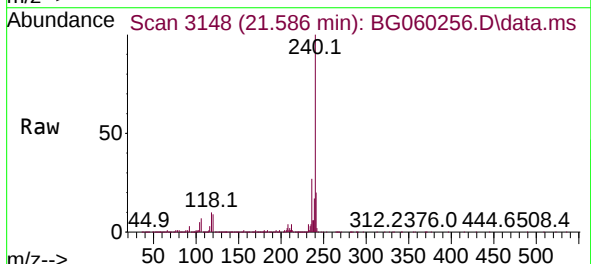
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BNA_G
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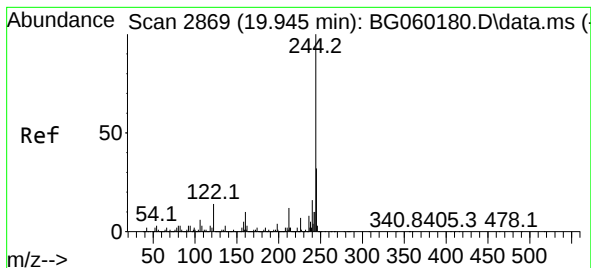
Tgt Ion:188 Resp: 1609994
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060256.D
Acq: 4 Jan 2024 23:04

Tgt Ion:240 Resp: 1547682
Ion Ratio Lower Upper
240 100
120 9.3 8.5 12.7
236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 66.899 ng

RT: 19.941 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

Instrument :

BNA_G

ClientSampleId :

PB158206BL

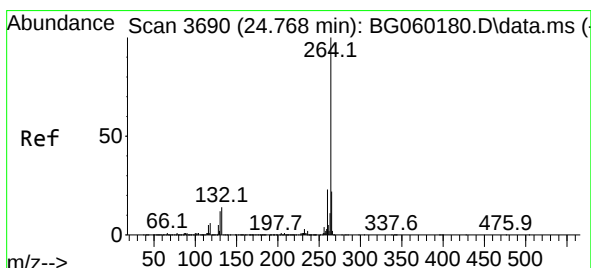
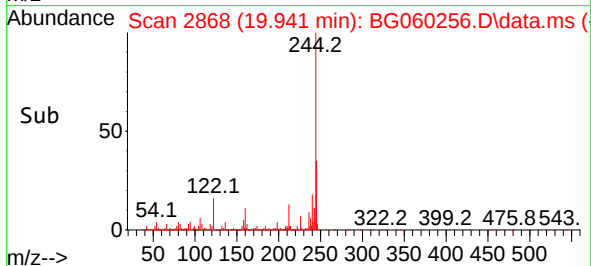
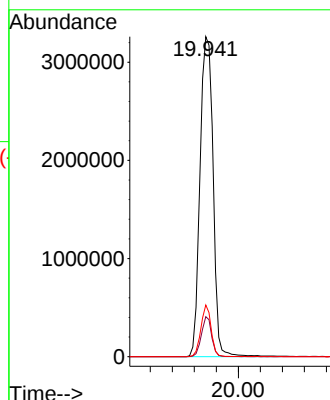
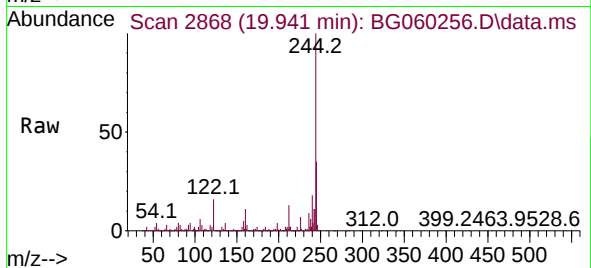
Tgt Ion:244 Resp: 5385613

Ion Ratio Lower Upper

244 100

212 12.5 9.5 14.3

122 16.1 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3688

Delta R.T. -0.010 min

Lab File: BG060256.D

Acq: 4 Jan 2024 23:04

Tgt Ion:264 Resp: 1782721

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 21.4 17.4 26.0

