

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060258.D
 Acq On : 5 Jan 2024 00:24
 Operator : MA/JU
 Sample : PB158198TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158198TB

Quant Time: Jan 05 01:48:26 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	181230	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	731929	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	595084	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1654482	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1594641	20.000	ng	0.00
86) Perylene-d12	24.765	264	1794126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1723675	143.553	ng	0.00
7) Phenol-d6	7.098	99	2500315	140.247	ng	0.00
23) Nitrobenzene-d5	9.101	82	1433620	90.472	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	1213766	152.372	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3580656	86.479	ng	0.00
79) Terphenyl-d14	19.941	244	5606390	67.590	ng	0.00

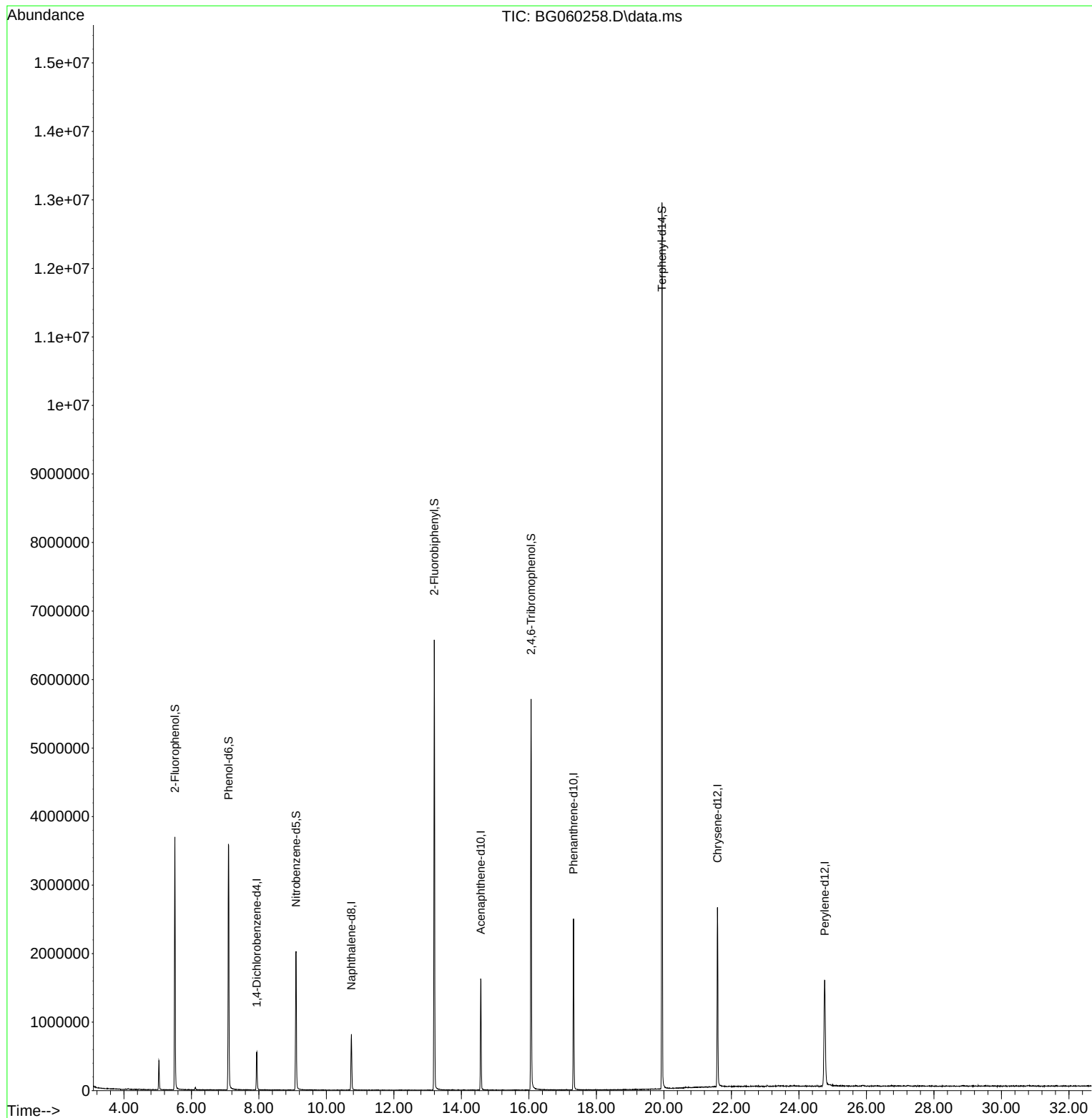
Target Compounds	Qvalue

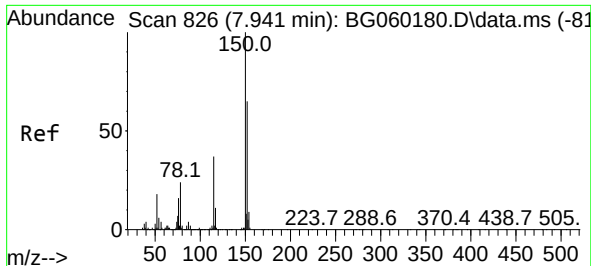
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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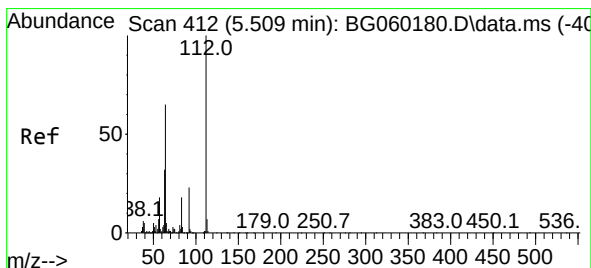
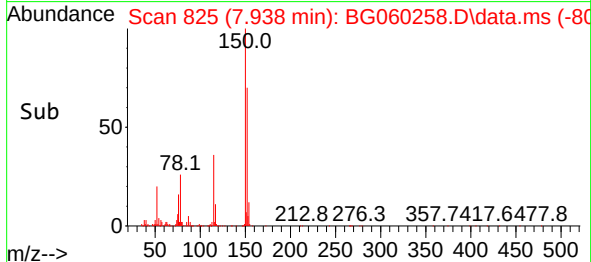
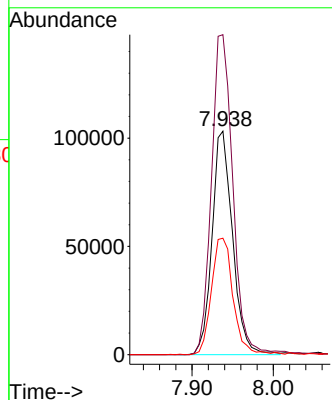
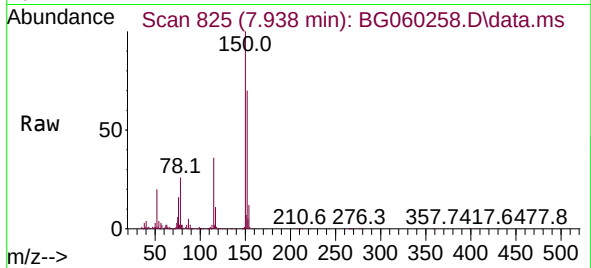




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

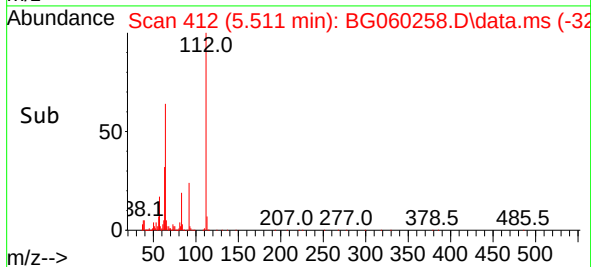
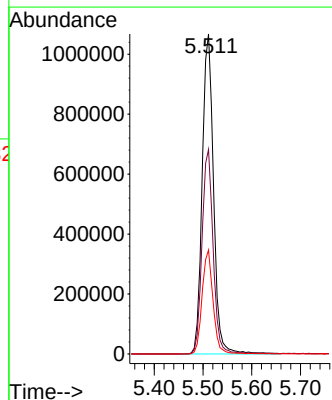
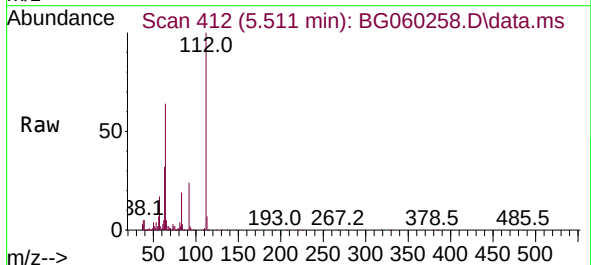
Instrument :
BNA_G
ClientSampleId :
PB158198TB

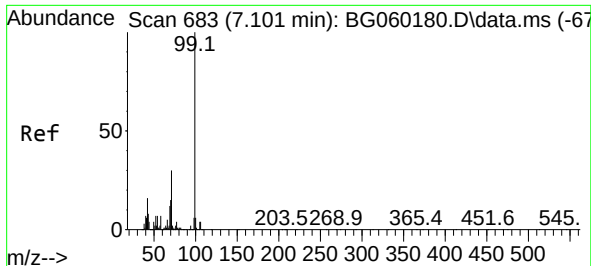
Tgt Ion:152 Resp: 181230
Ion Ratio Lower Upper
152 100
150 143.1 123.4 185.0
115 52.1 45.4 68.0



#5
2-Fluorophenol
Concen: 143.553 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:112 Resp: 1723675
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 32.5 25.4 38.0



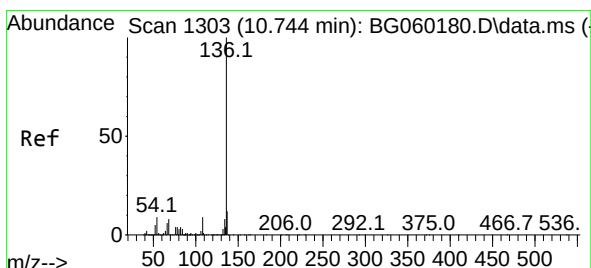
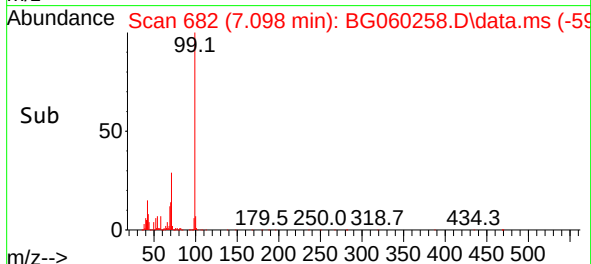
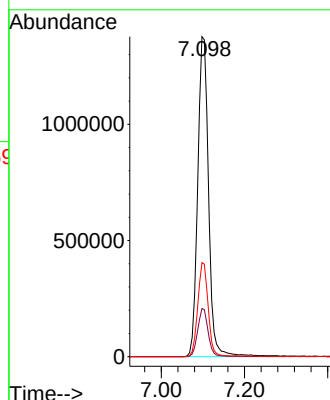
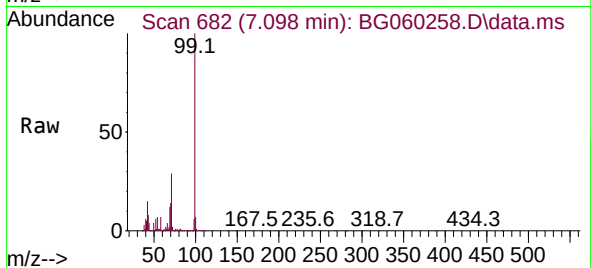


#7
Phenol-d6
Concen: 140.247 ng
RT: 7.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Instrument :
BNA_G
ClientSampleId :
PB158198TB

Tgt Ion: 99 Resp: 2500315

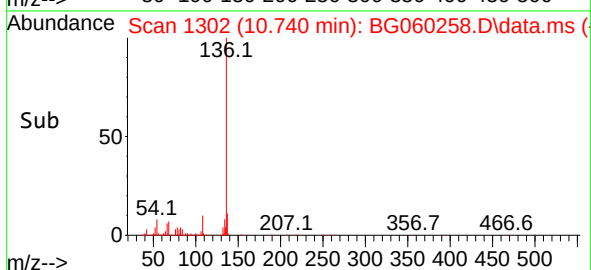
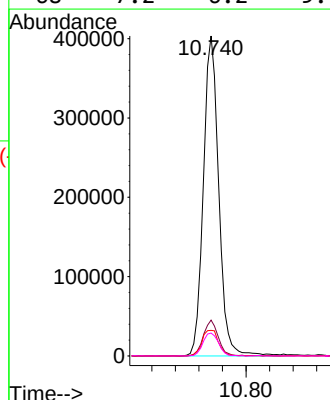
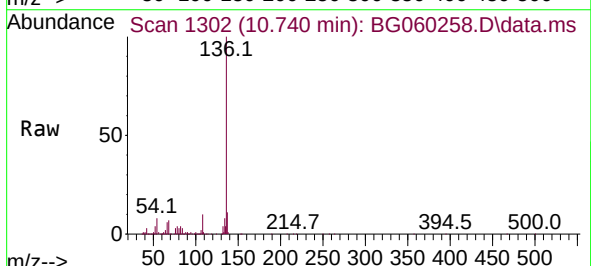
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.5	18.7
71	29.4	24.1	36.1

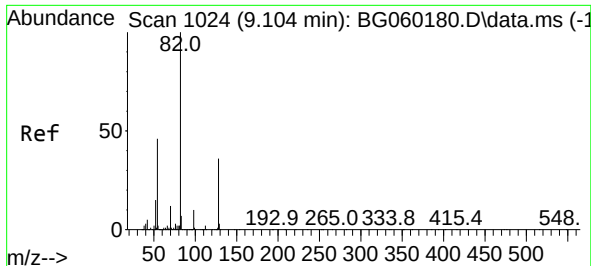


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion: 136 Resp: 731929

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	8.0	7.4	11.2
68	7.2	6.2	9.4





#23

Nitrobenzene-d5

Concen: 90.472 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG060258.D

Acq: 5 Jan 2024 00:24

Instrument :

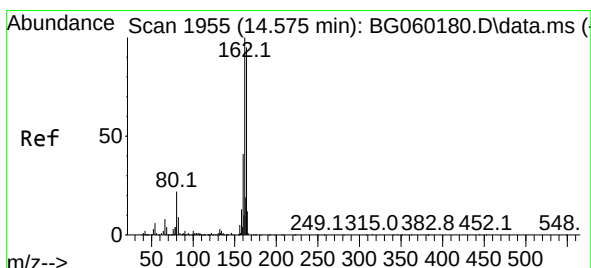
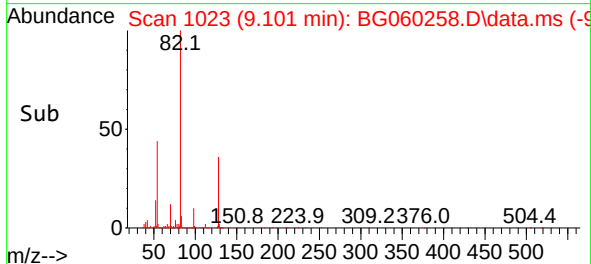
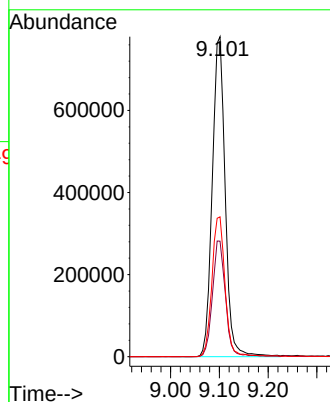
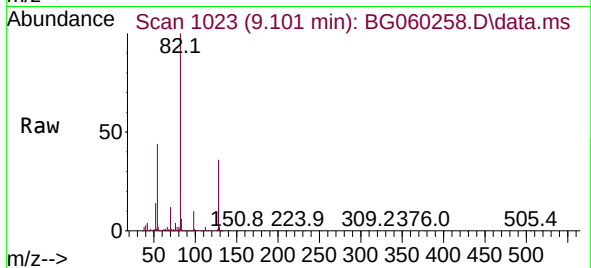
BNA_G

ClientSampleId :

PB158198TB

Tgt Ion: 82 Resp: 1433620

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.7	43.1
54	43.7	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

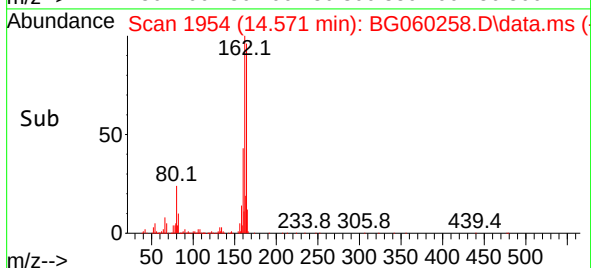
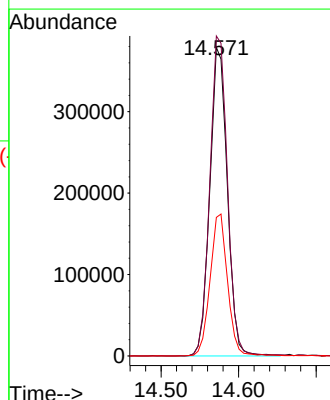
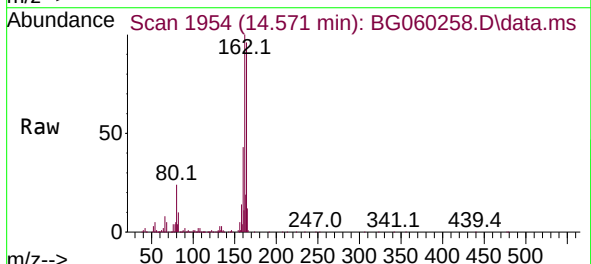
Delta R.T. -0.003 min

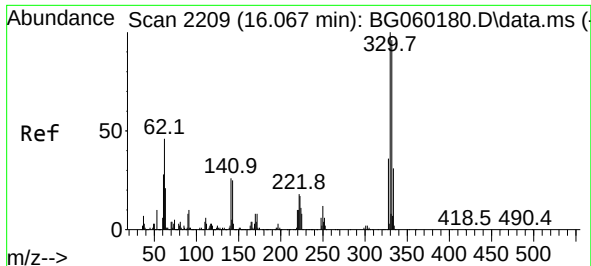
Lab File: BG060258.D

Acq: 5 Jan 2024 00:24

Tgt Ion:164 Resp: 595084

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.9	125.9
160	44.9	34.2	51.4

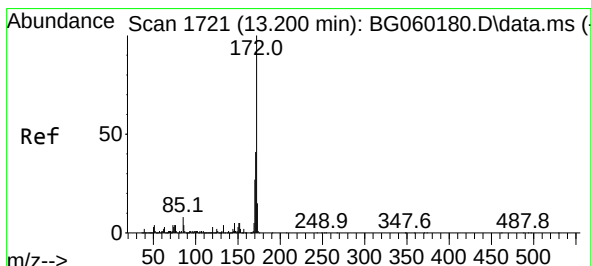
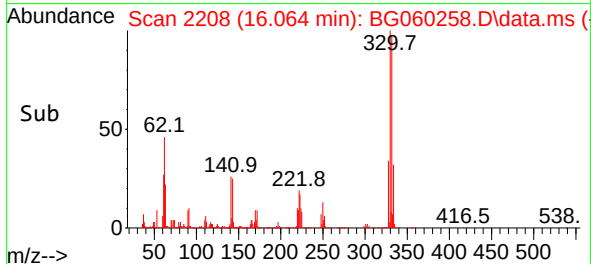
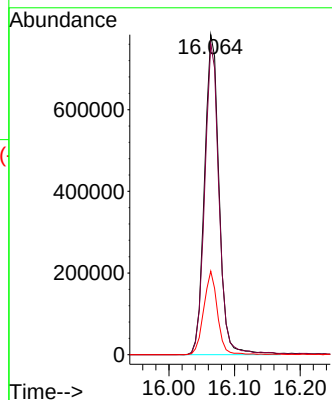
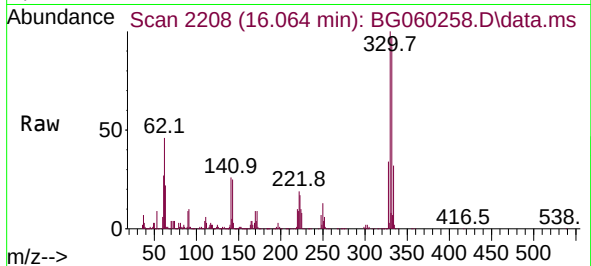




#42
2,4,6-Tribromophenol
Concen: 152.372 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

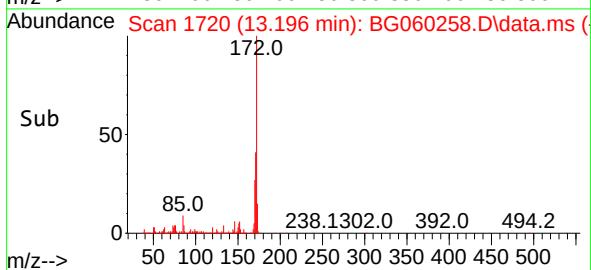
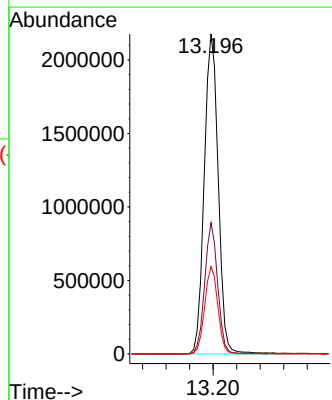
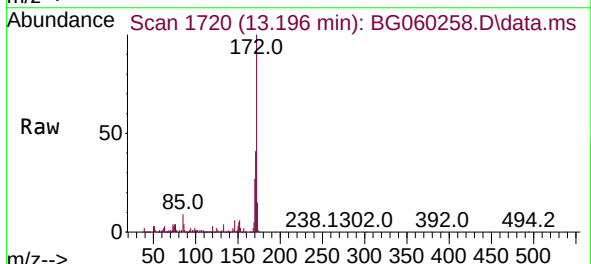
Instrument :
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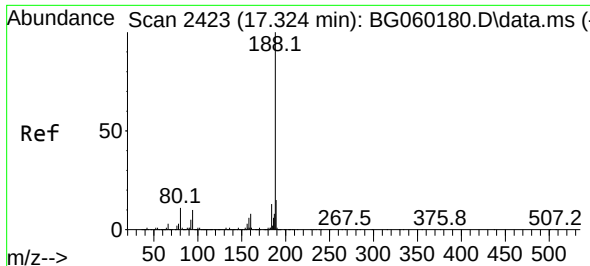
Tgt Ion:330 Resp: 1213766
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 24.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.479 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:172 Resp: 3580656
Ion Ratio Lower Upper
172 100
171 41.0 32.6 48.8
170 27.3 21.8 32.6

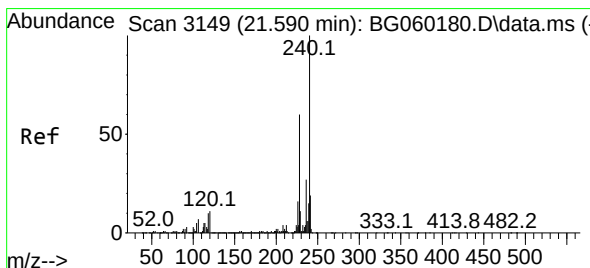
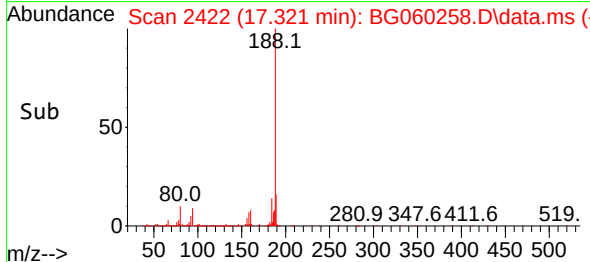
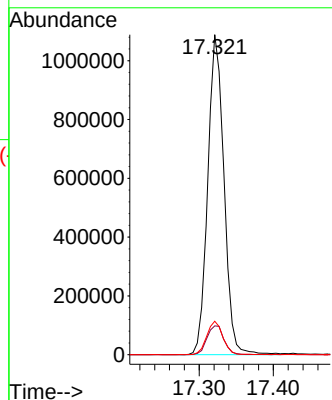
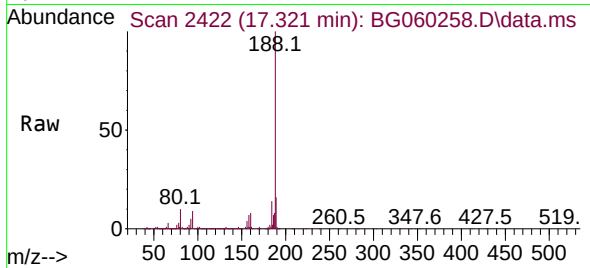




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

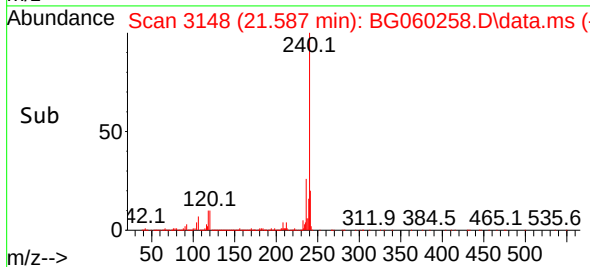
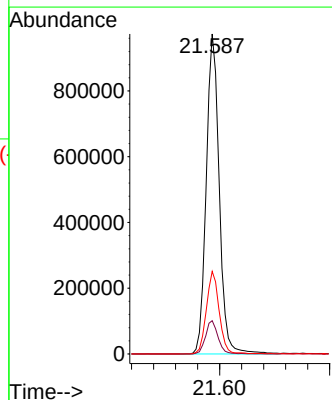
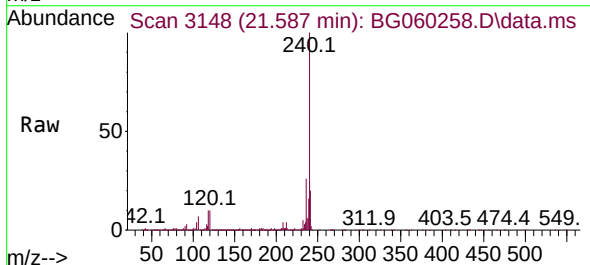
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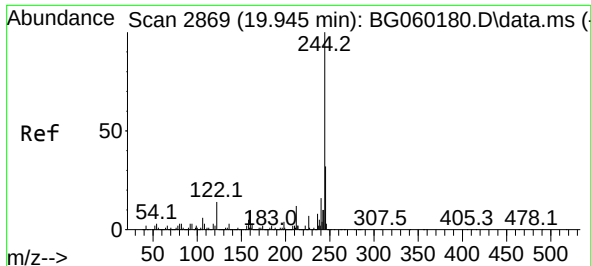
Tgt Ion:188 Resp: 1654482
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 10.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060258.D
Acq: 5 Jan 2024 00:24

Tgt Ion:240 Resp: 1594641
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.8 21.4 32.2

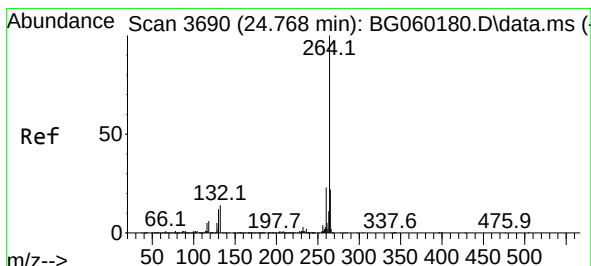
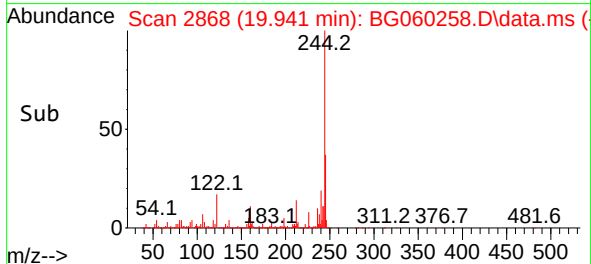
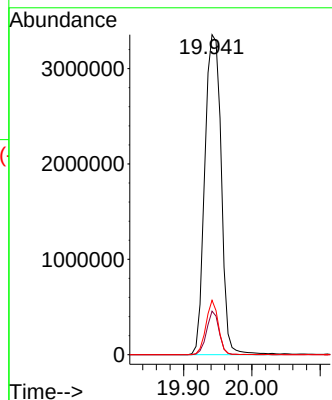
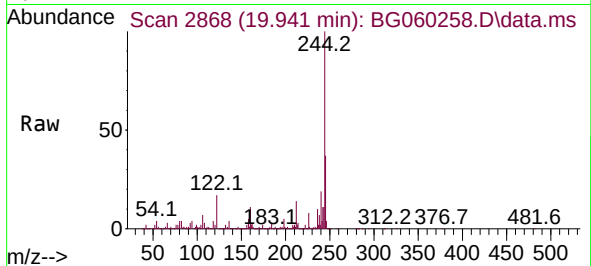




#79
 Terphenyl-d14
 Concen: 67.590 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060258.D
 Acq: 5 Jan 2024 00:24

Instrument :
 BNA_G
 ClientSampleId :
 PB158198TB

Tgt Ion:244 Resp: 5606390
 Ion Ratio Lower Upper
 244 100
 212 13.6 9.5 14.3
 122 17.0 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: BG060258.D
 Acq: 5 Jan 2024 00:24

Tgt Ion:264 Resp: 1794126
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.0 27.0
 265 21.3 17.4 26.0

