

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060307.D
 Acq On : 11 Jan 2024 13:08
 Operator : MA/JU
 Sample : PB158317TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158317TB

Quant Time: Jan 11 14:05:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	173919	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	692239	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	539370	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1559779	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1704006	20.000	ng	0.00
86) Perylene-d12	24.748	264	1864066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1851294	175.081	ng	0.00
7) Phenol-d6	7.098	99	2357651	150.576	ng	0.00
23) Nitrobenzene-d5	9.096	82	1395447	95.188	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1079195	135.993	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3500678	90.236	ng	0.00
79) Terphenyl-d14	19.936	244	6001939	91.352	ng	0.00

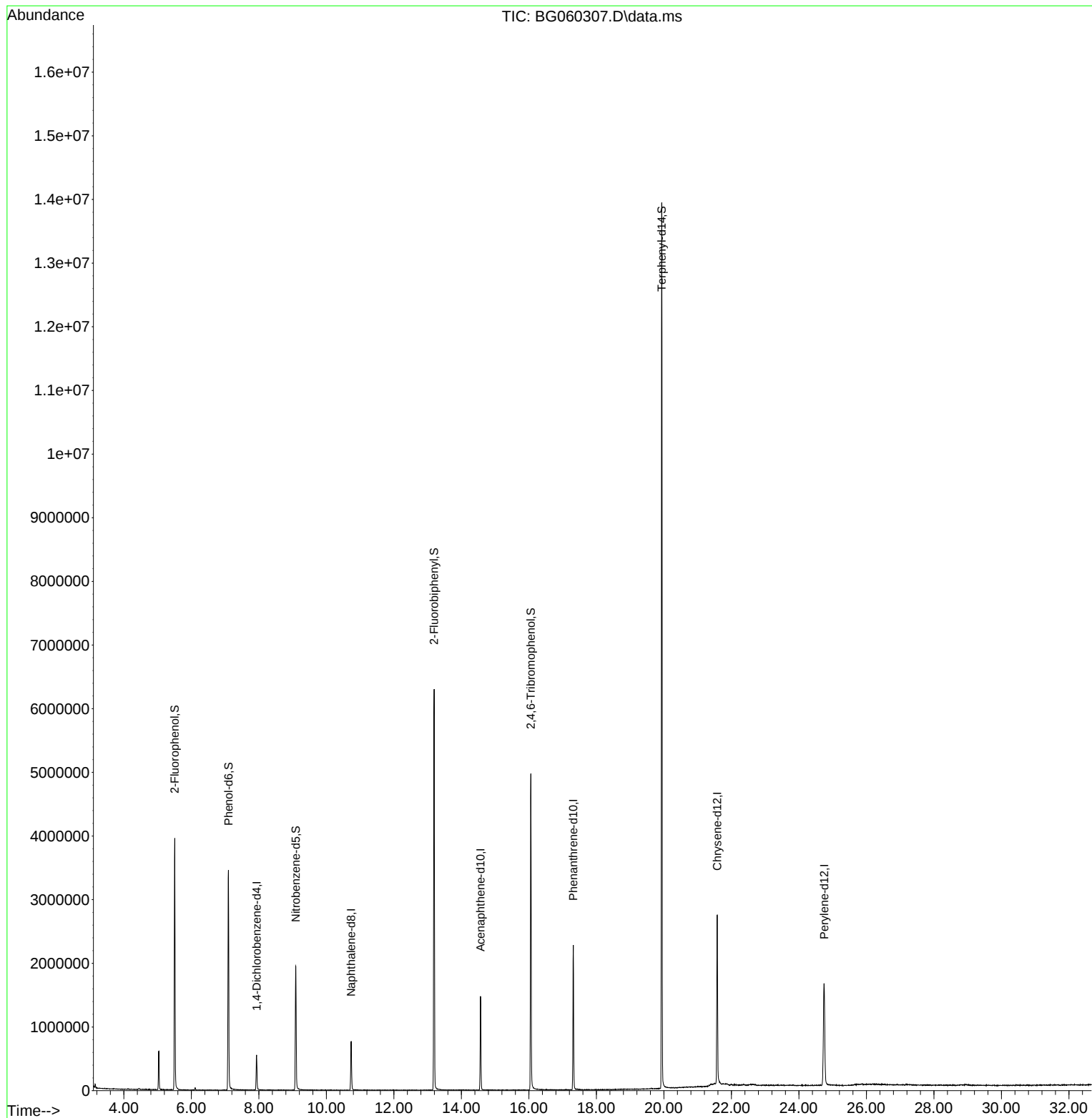
Target Compounds	Qvalue

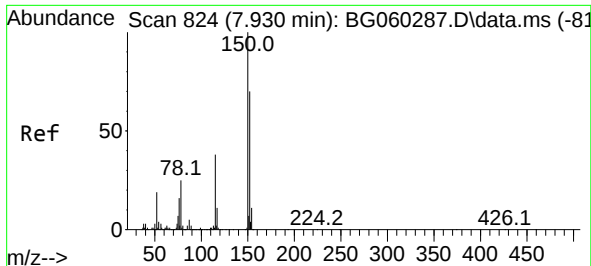
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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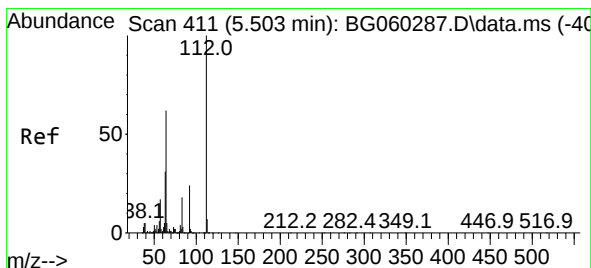
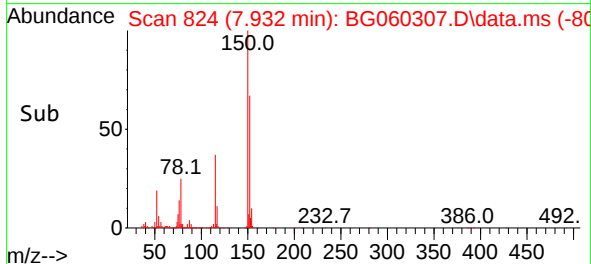
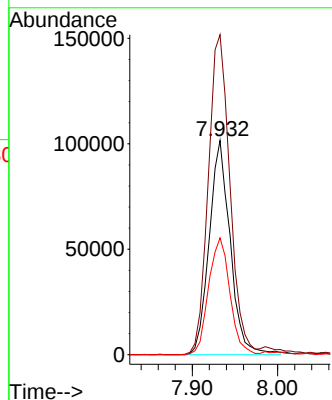
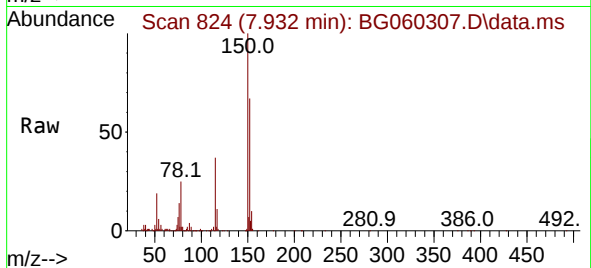




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

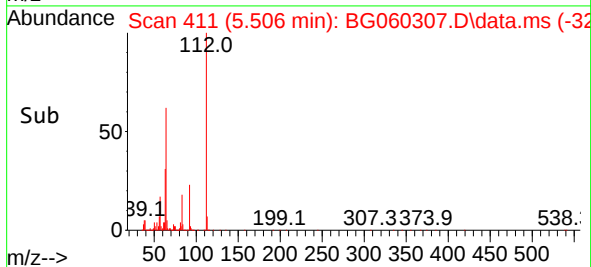
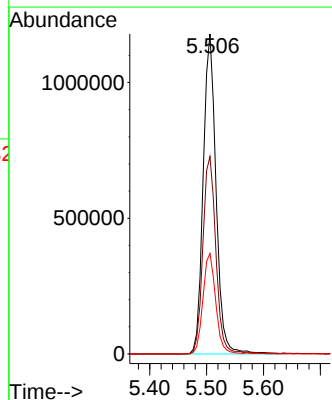
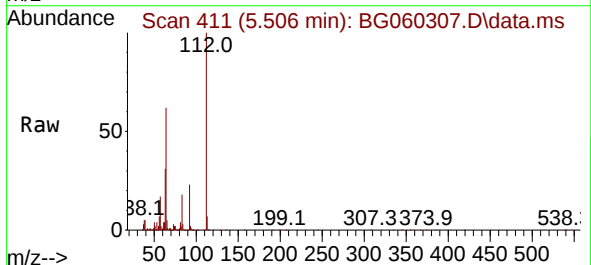
Instrument :
BNA_G
ClientSampleId :
PB158317TB

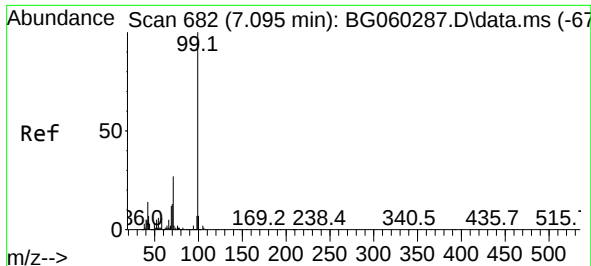
Tgt Ion:152 Resp: 173919
Ion Ratio Lower Upper
152 100
150 149.4 114.5 171.7
115 54.5 43.0 64.6



#5
2-Fluorophenol
Concen: 175.081 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:112 Resp: 1851294
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.4 24.4 36.6



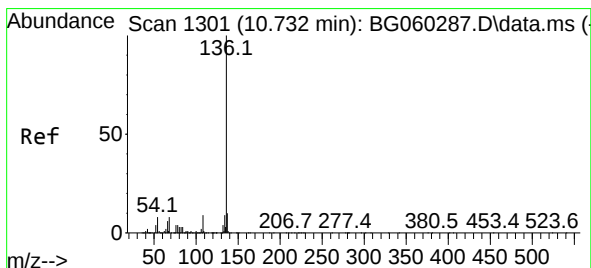
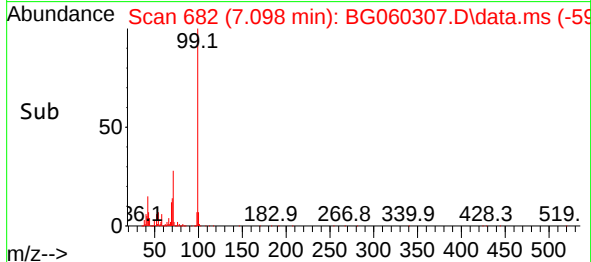
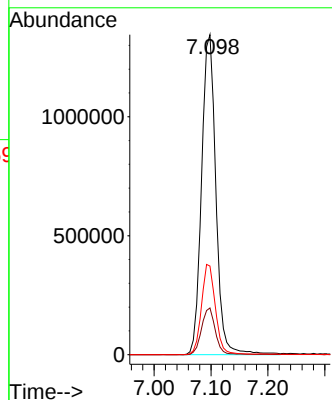
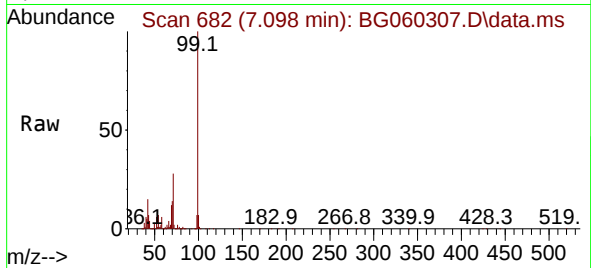


#7
Phenol-d6
Concen: 150.576 ng
RT: 7.098 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Instrument :
BNA_G
ClientSampleId :
PB158317TB

Tgt Ion: 99 Resp: 2357651

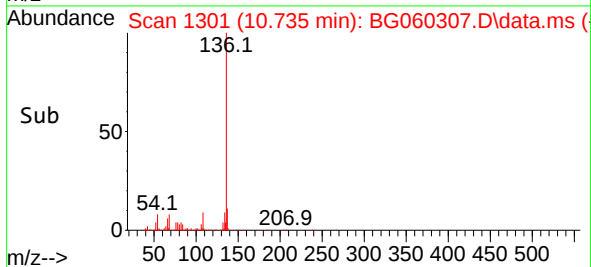
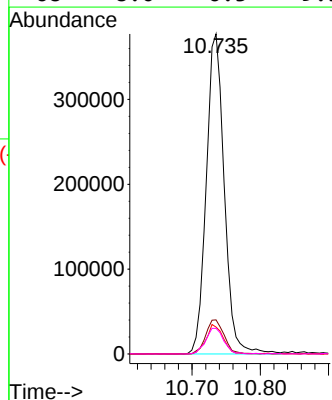
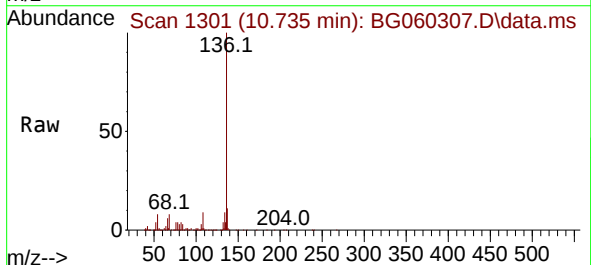
Ion	Ratio	Lower	Upper
99	100		
42	14.6	10.9	16.3
71	27.7	21.5	32.3

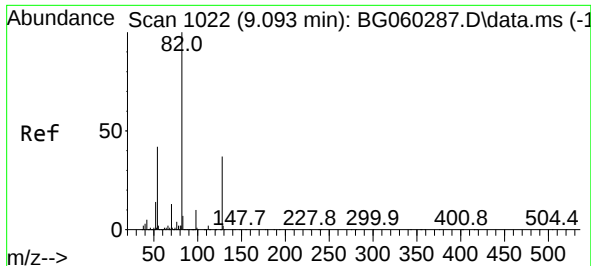


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:136 Resp: 692239

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.4	6.2	9.2
68	8.0	6.3	9.5

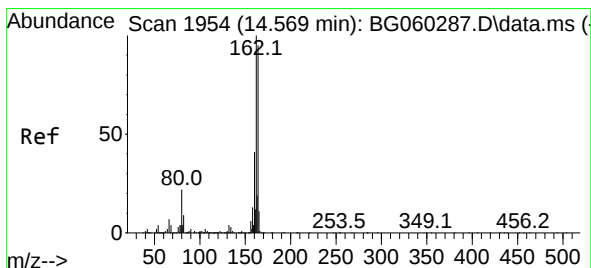
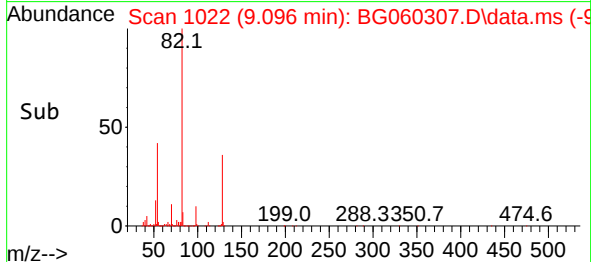
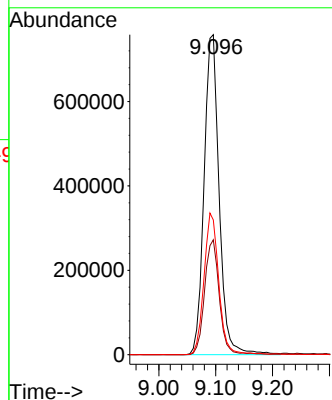
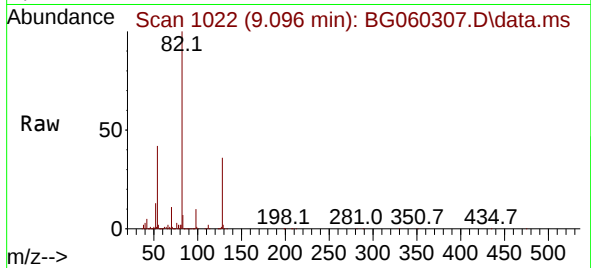




#23
Nitrobenzene-d5
Concen: 95.188 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

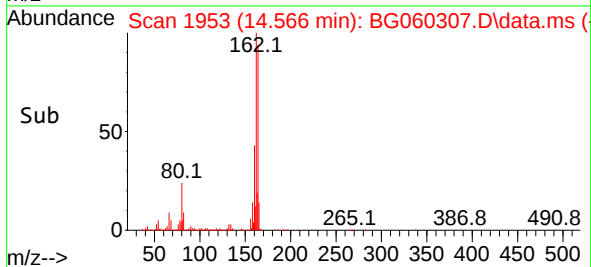
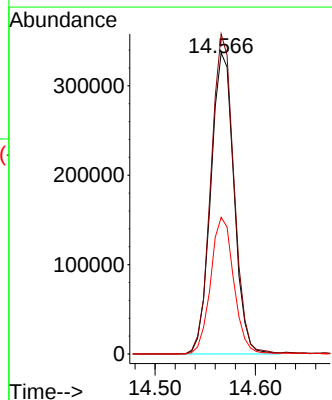
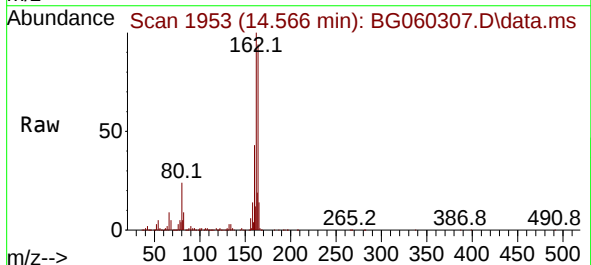
Instrument :
BNA_G
ClientSampleId :
PB158317TB

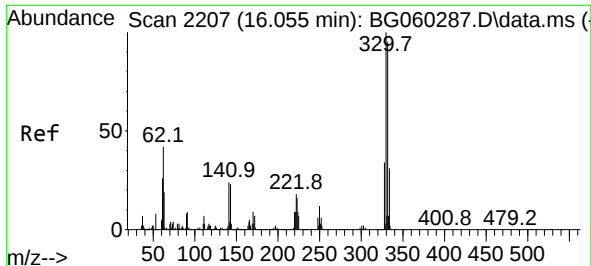
Tgt Ion: 82 Resp: 1395447
Ion Ratio Lower Upper
82 100
128 35.9 29.6 44.4
54 42.1 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:164 Resp: 539370
Ion Ratio Lower Upper
164 100
162 106.2 84.4 126.6
160 45.4 34.6 52.0

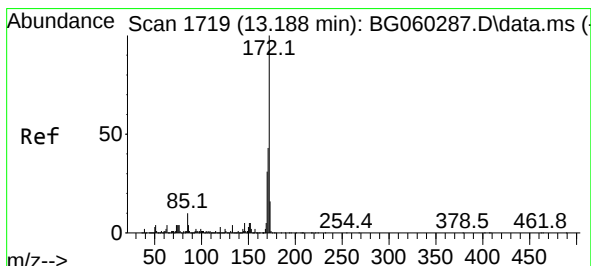
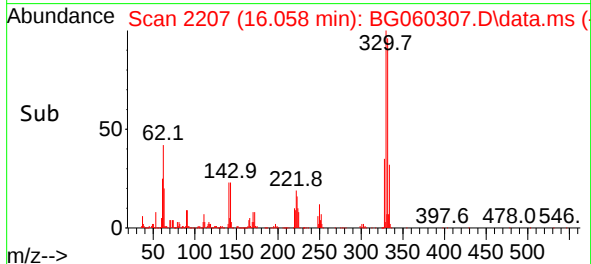
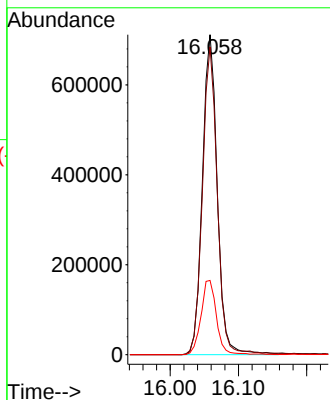
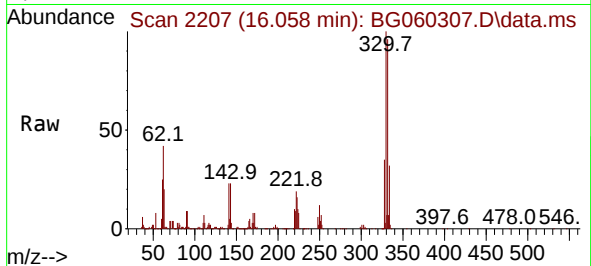




#42
2,4,6-Tribromophenol
Concen: 135.993 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

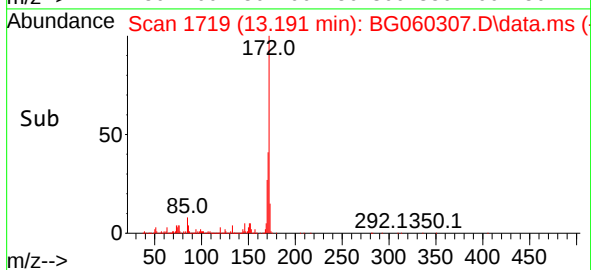
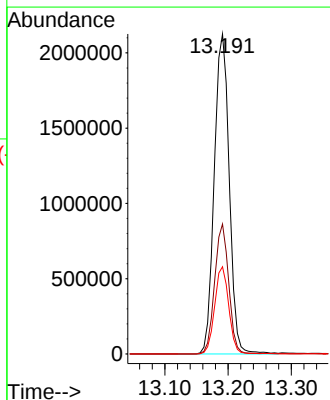
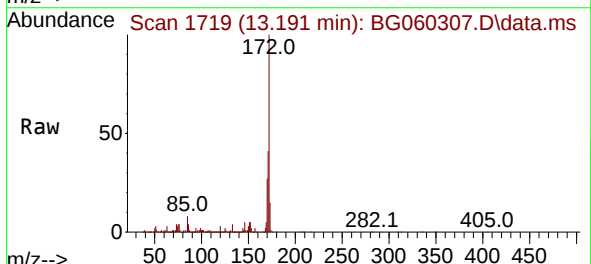
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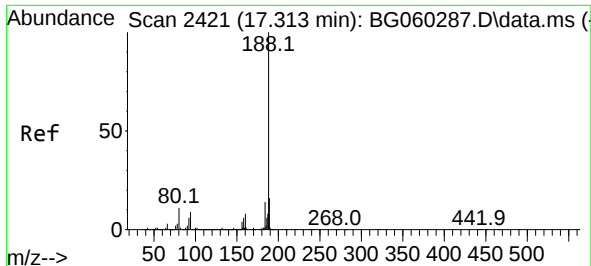
Tgt Ion:330 Resp: 1079195
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 24.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 90.236 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:172 Resp: 3500678
Ion Ratio Lower Upper
172 100
171 40.6 34.6 51.8
170 27.2 24.4 36.6

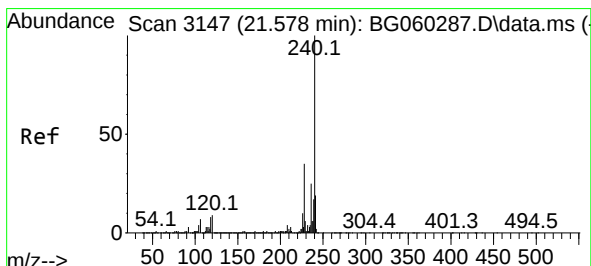
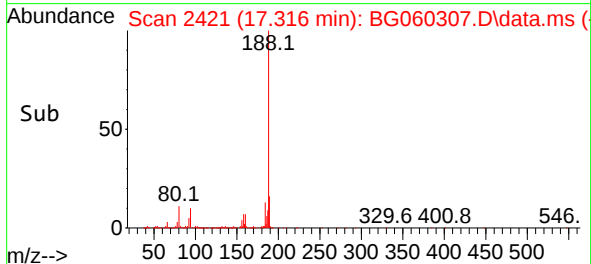
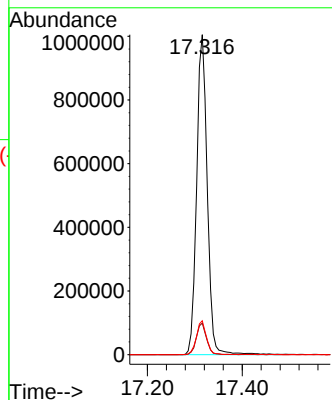
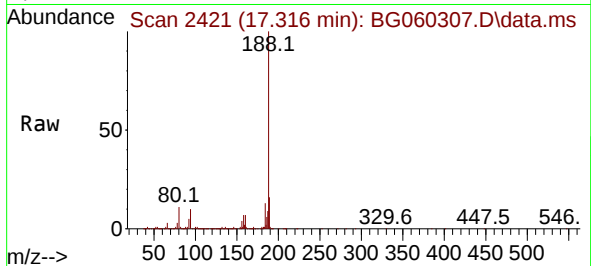




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

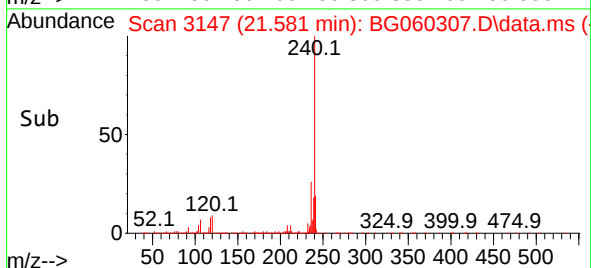
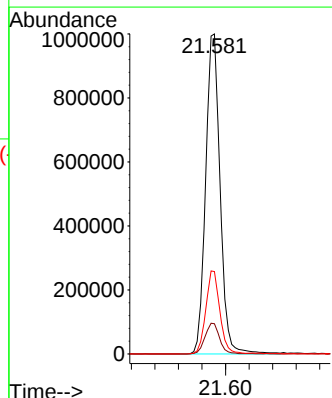
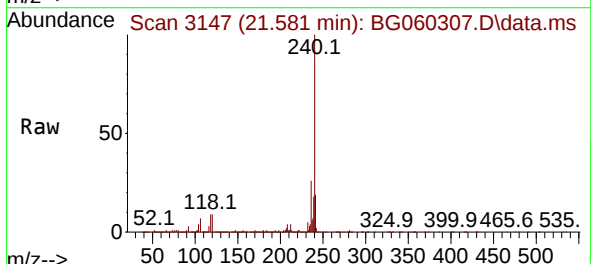
Instrument :
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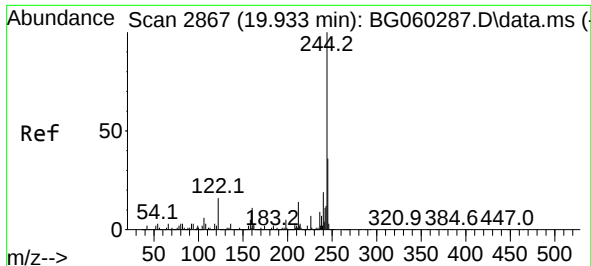
Tgt Ion:188 Resp: 1559779
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG060307.D
Acq: 11 Jan 2024 13:08

Tgt Ion:240 Resp: 1704006
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.8 20.3 30.5

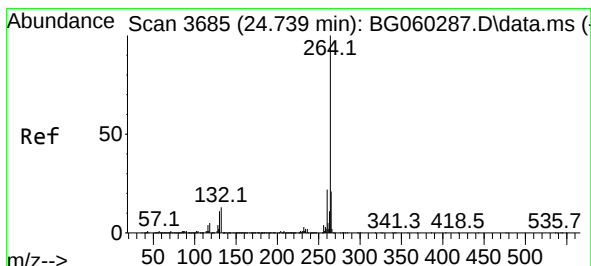
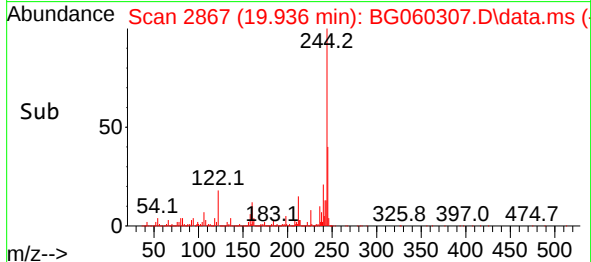
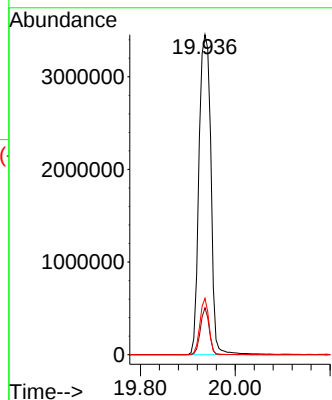
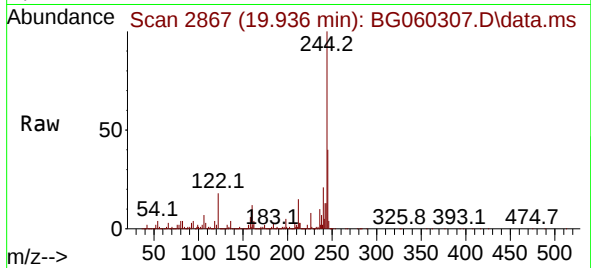




#79
 Terphenyl-d14
 Concen: 91.352 ng
 RT: 19.936 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060307.D
 Acq: 11 Jan 2024 13:08

Instrument :
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Tgt Ion:244 Resp: 6001939
 Ion Ratio Lower Upper
 244 100
 212 14.6 10.9 16.3
 122 17.6 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.748 min Scan# 3686
 Delta R.T. 0.009 min
 Lab File: BG060307.D
 Acq: 11 Jan 2024 13:08

Tgt Ion:264 Resp: 1864066
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 22.3 16.8 25.2

