

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060383.D
 Acq On : 22 Jan 2024 13:44
 Operator : MA/JU
 Sample : P1183-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-305-0-2

Quant Time: Jan 22 14:23:43 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	7.924	152	187671	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	689670	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	511172	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1399036	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1315203	20.000	ng	0.00
86) Perylene-d12	24.734	264	1513549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1192465	104.510	ng	0.00
7) Phenol-d6	7.096	99	1575953	93.276	ng	0.00
23) Nitrobenzene-d5	9.087	82	1166974	79.900	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1005177	133.653	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	2822138	76.758	ng	0.00
79) Terphenyl-d14	19.928	244	4780384	96.409	ng	0.00

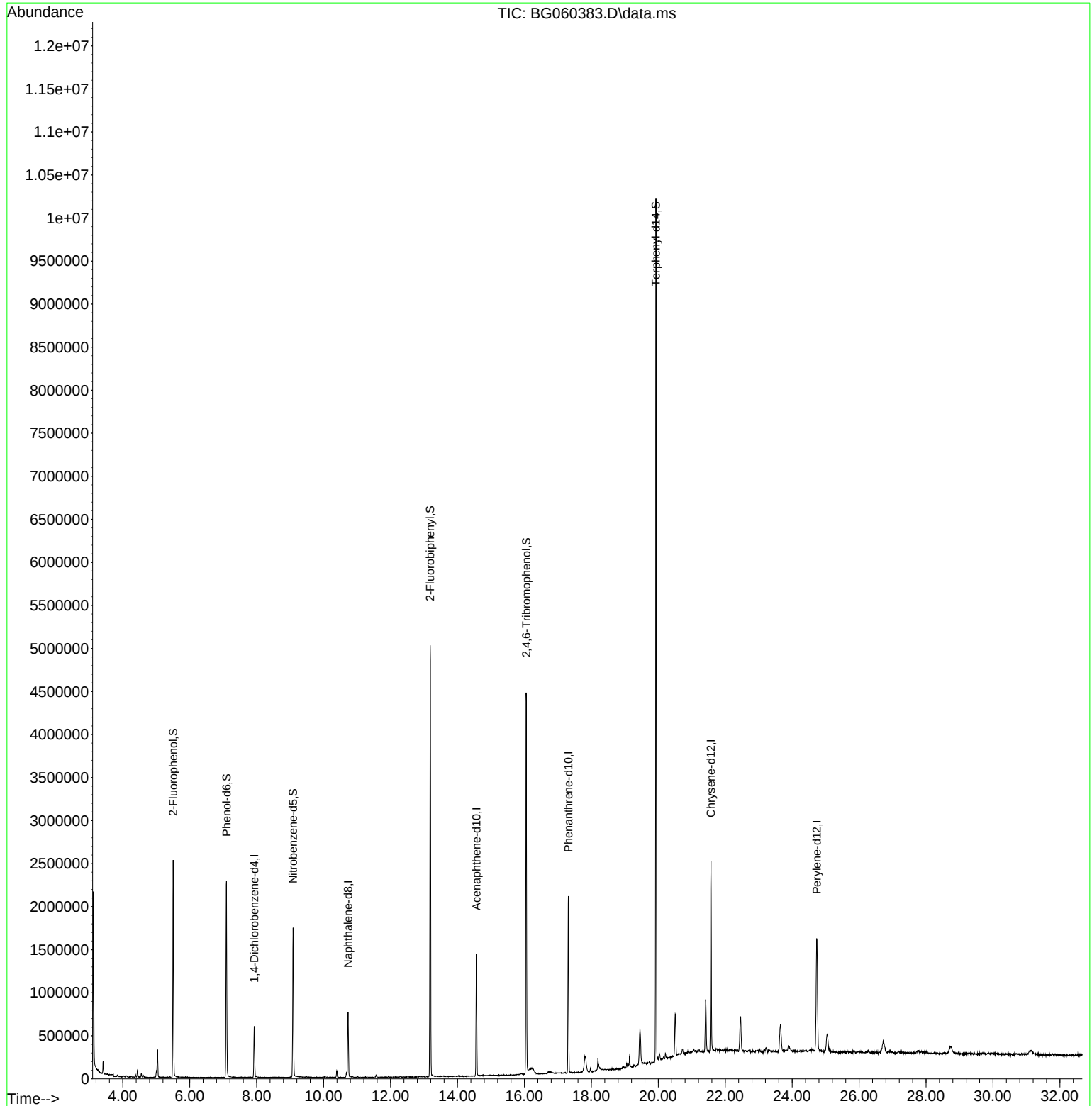
Target Compounds	Qvalue

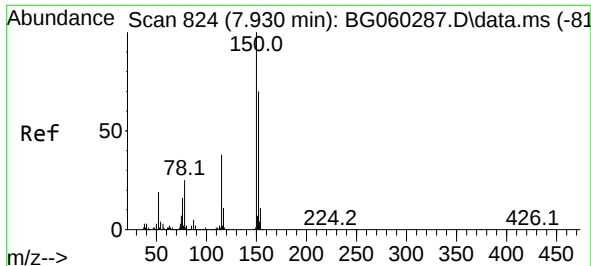
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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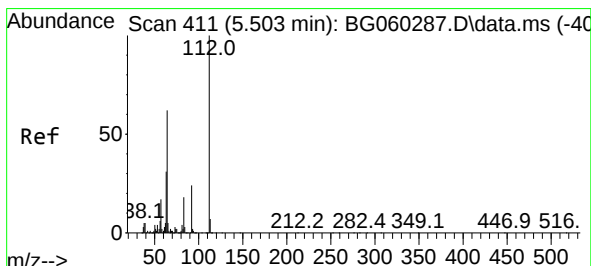
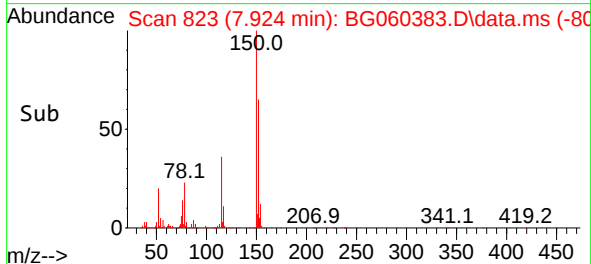
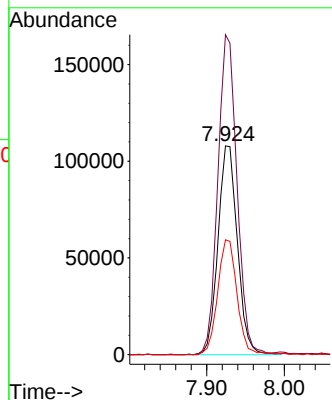
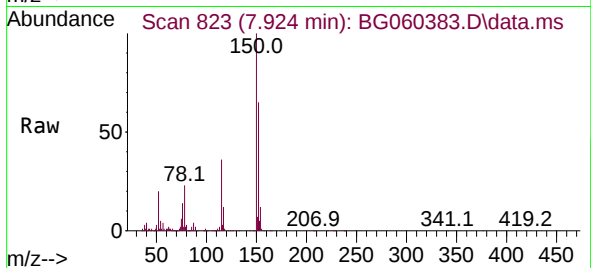




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

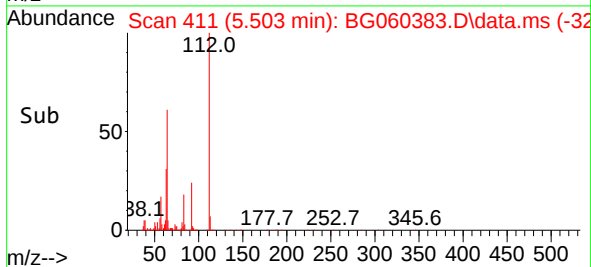
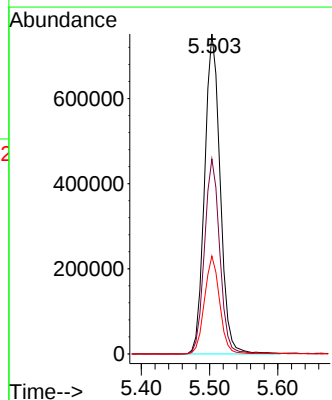
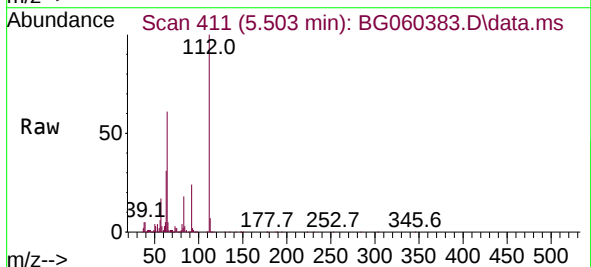
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

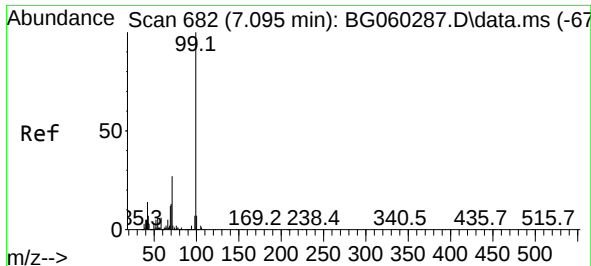
Tgt Ion:152 Resp: 187671
Ion Ratio Lower Upper
152 100
150 153.4 114.5 171.7
115 55.0 43.0 64.6



#5
2-Fluorophenol
Concen: 104.510 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion:112 Resp: 1192465
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.6
63 30.6 24.4 36.6



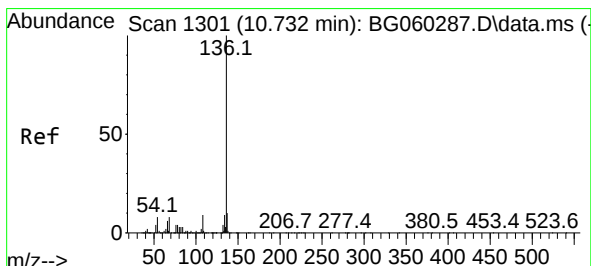
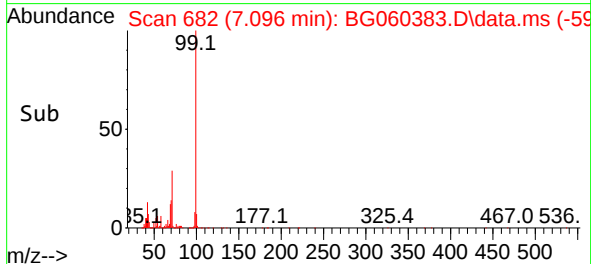
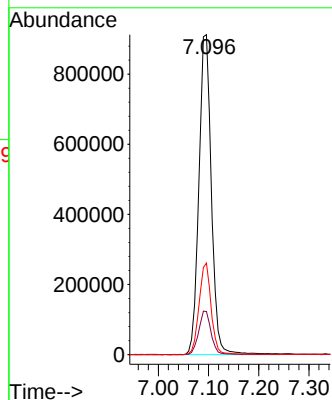
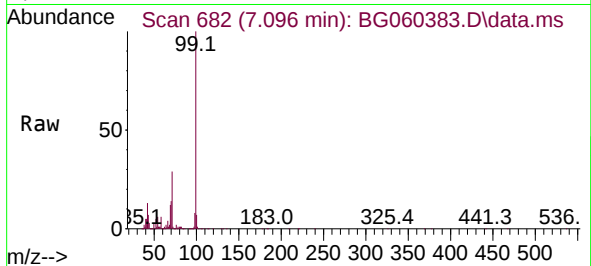


#7
Phenol-d6
Concen: 93.276 ng
RT: 7.096 min Scan# 68
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

Tgt Ion: 99 Resp: 1575953

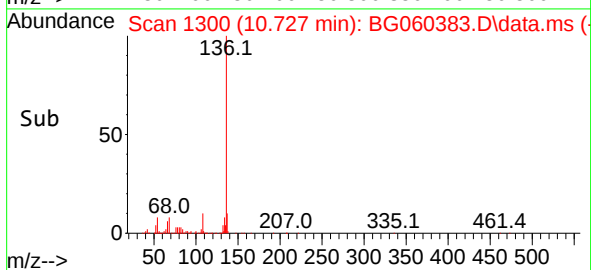
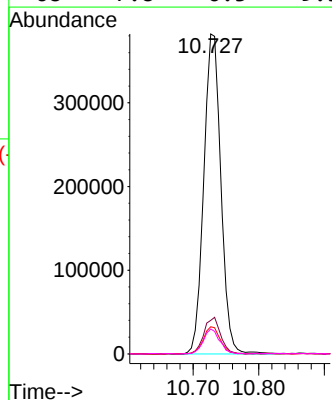
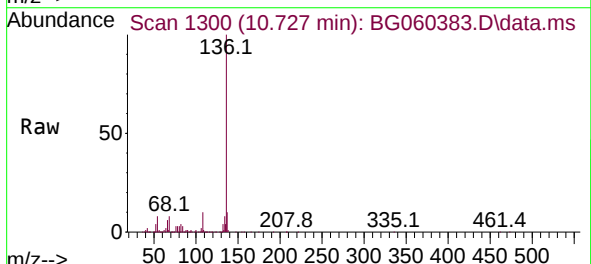
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	28.6	21.5	32.3

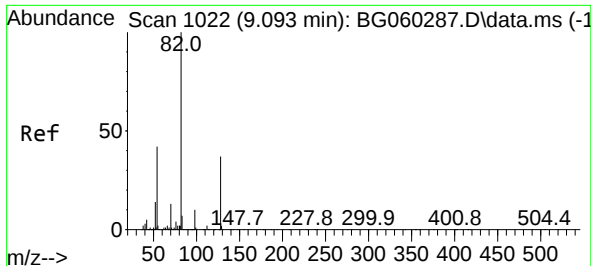


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion:136 Resp: 689670

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.5	6.2	9.2
68	7.8	6.3	9.5



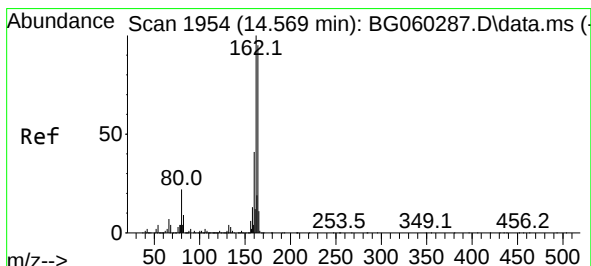
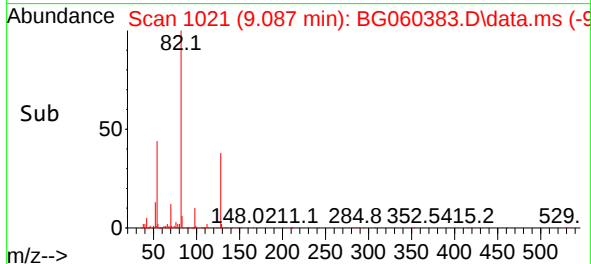
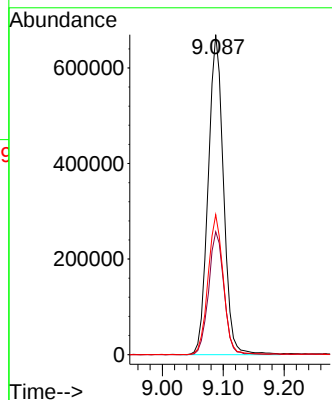
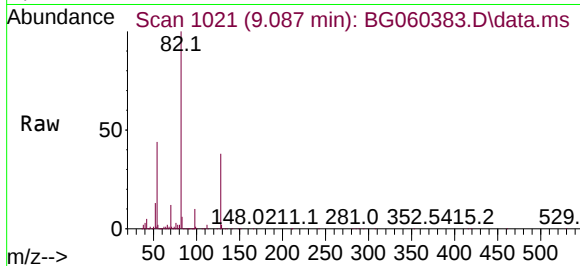


#23
Nitrobenzene-d5
Concen: 79.900 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

Tgt Ion: 82 Resp: 1166974

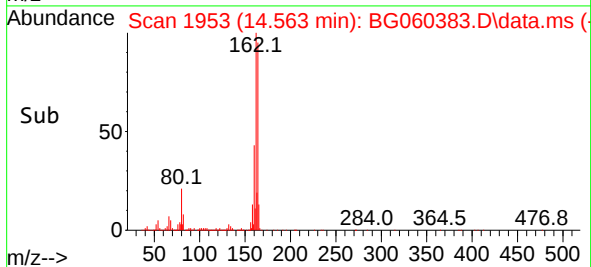
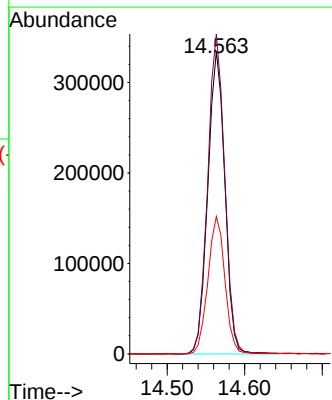
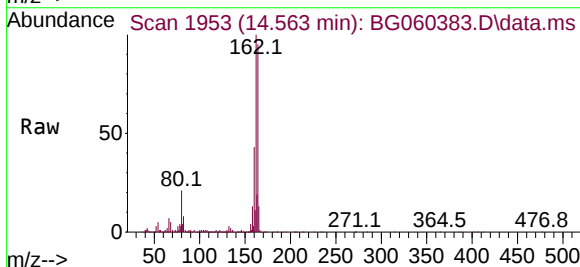
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.6	44.4
54	43.8	33.6	50.4

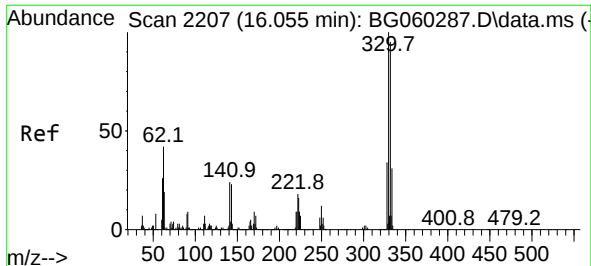


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion: 164 Resp: 511172

Ion	Ratio	Lower	Upper
164	100		
162	105.7	84.4	126.6
160	45.4	34.6	52.0

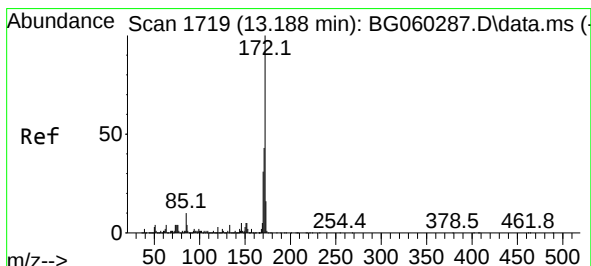
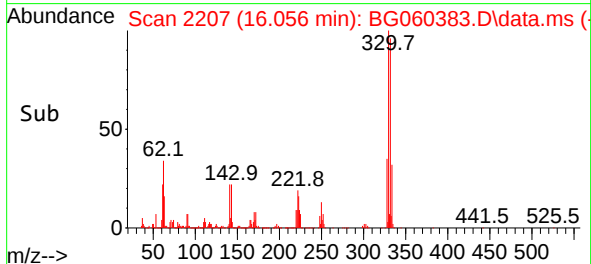
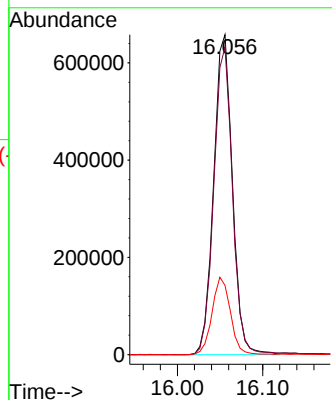
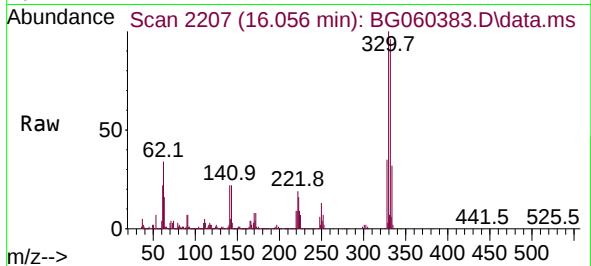




#42
2,4,6-Tribromophenol
Concen: 133.653 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

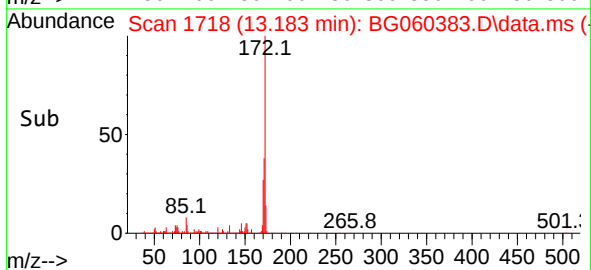
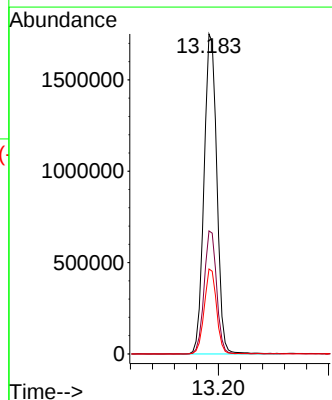
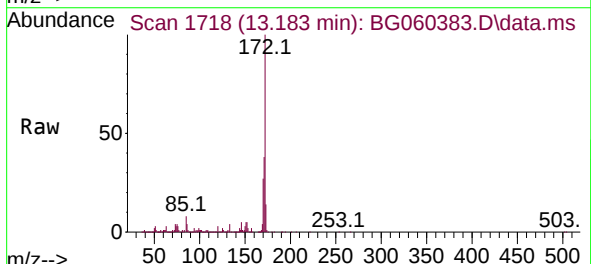
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

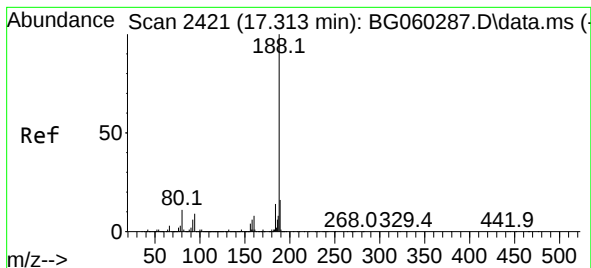
Tgt Ion:330 Resp: 1005177
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 23.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 76.758 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion:172 Resp: 2822138
Ion Ratio Lower Upper
172 100
171 38.4 34.6 51.8
170 26.5 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG060383.D

Acq: 22 Jan 2024 13:44

Instrument :

BNA_G

ClientSampleId :

MR-305-0-2

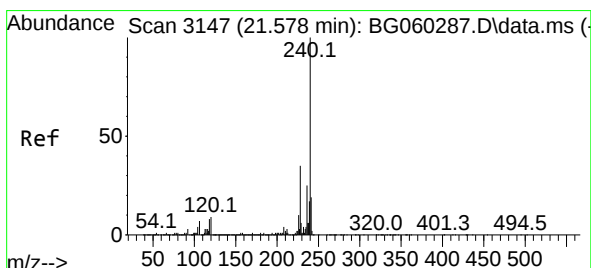
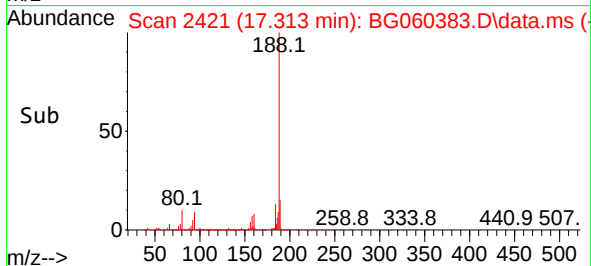
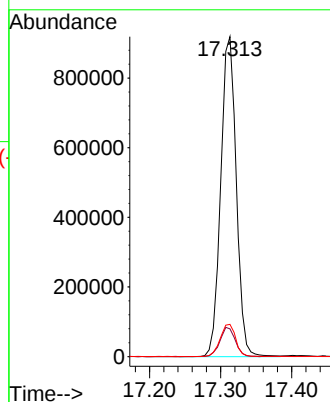
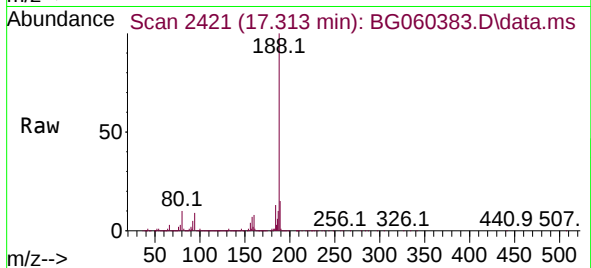
Tgt Ion:188 Resp: 1399036

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

80 10.1 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.573 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060383.D

Acq: 22 Jan 2024 13:44

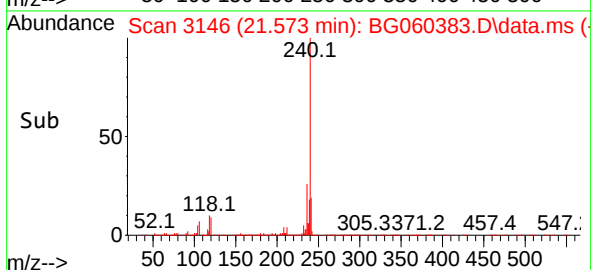
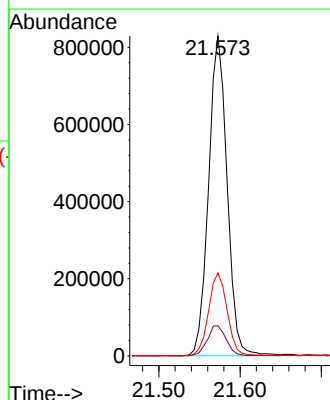
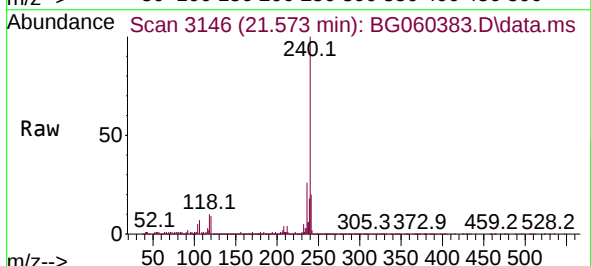
Tgt Ion:240 Resp: 1315203

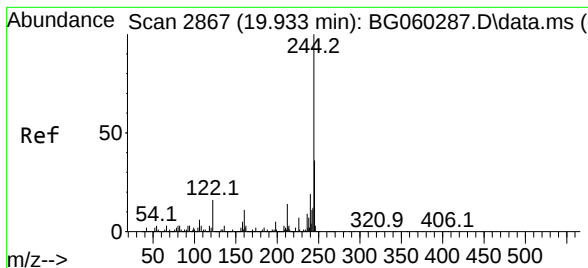
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 96.409 ng

RT: 19.928 min Scan# 2866

Delta R.T. -0.005 min

Lab File: BG060383.D

Acq: 22 Jan 2024 13:44

Instrument :

BNA_G

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MR-305-0-2

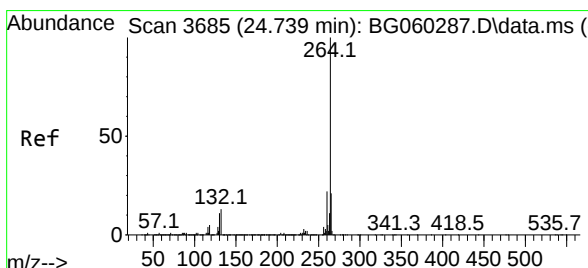
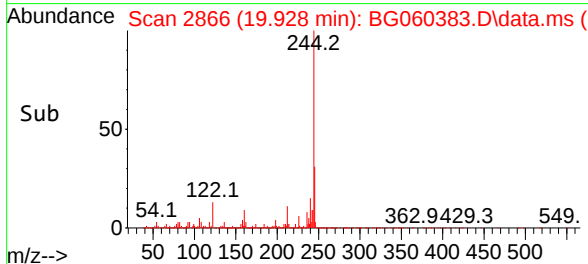
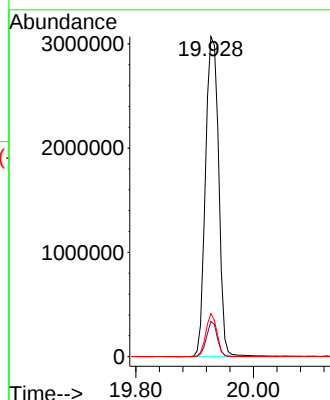
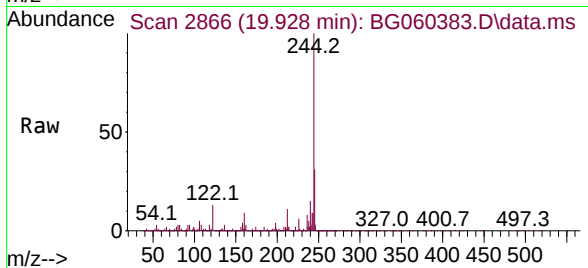
Tgt Ion:244 Resp: 4780384

Ion Ratio Lower Upper

244 100

212 11.0 10.9 16.3

122 13.5 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.734 min Scan# 3684

Delta R.T. -0.005 min

Lab File: BG060383.D

Acq: 22 Jan 2024 13:44

Tgt Ion:264 Resp: 1513549

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 21.4 16.8 25.2

