

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013124\
 Data File : BG060508.D
 Acq On : 31 Jan 2024 14:02
 Operator : MA/JU
 Sample : PB158699TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158699TB

Quant Time: Feb 01 00:11:09 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	7.923	152	146088	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	552175	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	412158	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	1179366	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1154433	20.000	ng	0.00
86) Perylene-d12	24.732	264	1287811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1032260	116.221	ng	0.00
7) Phenol-d6	7.088	99	1442892	109.709	ng	0.00
23) Nitrobenzene-d5	9.086	82	903221	77.240	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	809886	133.556	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2360815	79.636	ng	0.00
79) Terphenyl-d14	19.926	244	4397773	105.040	ng	0.00

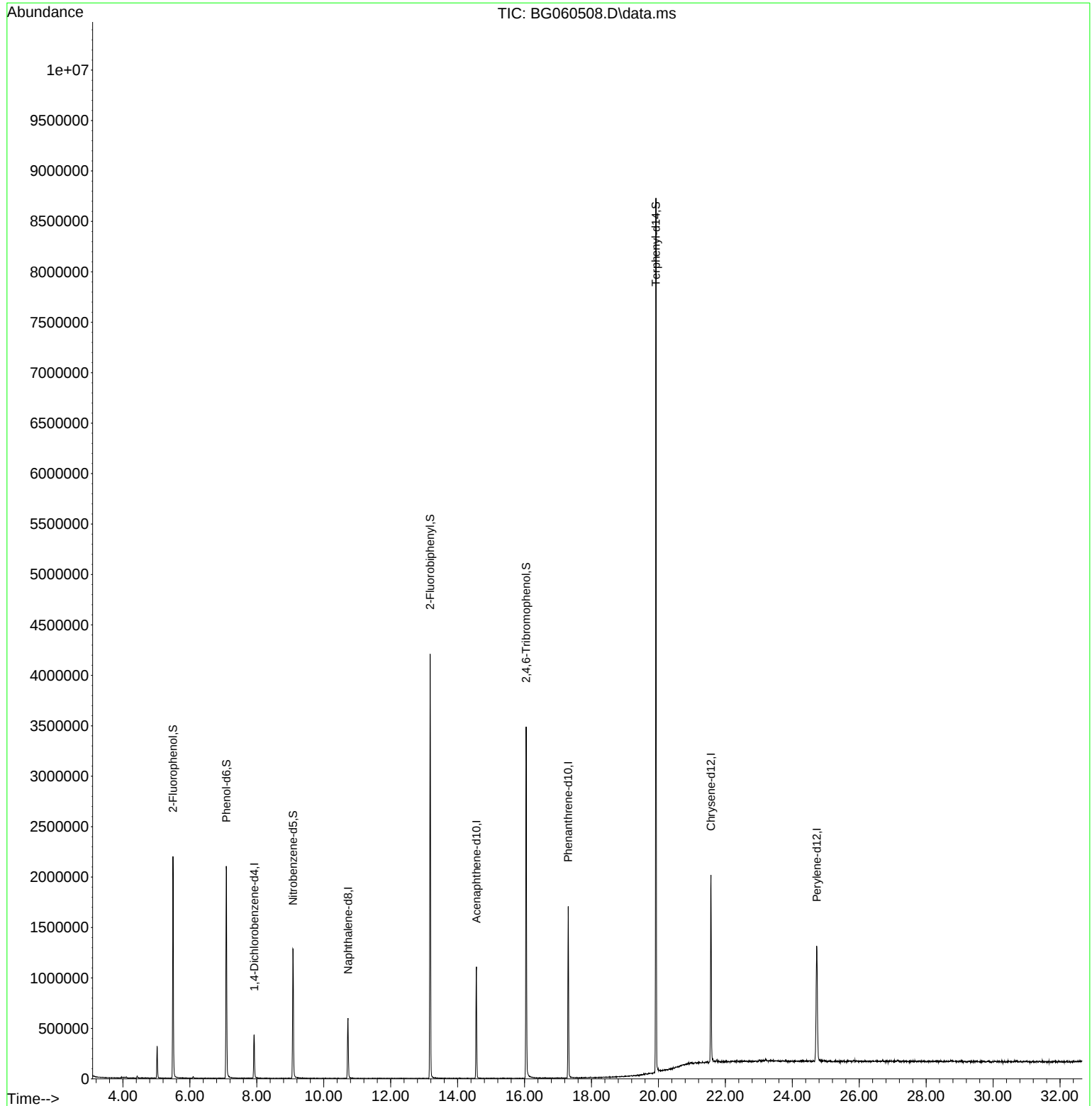
Target Compounds	Qvalue

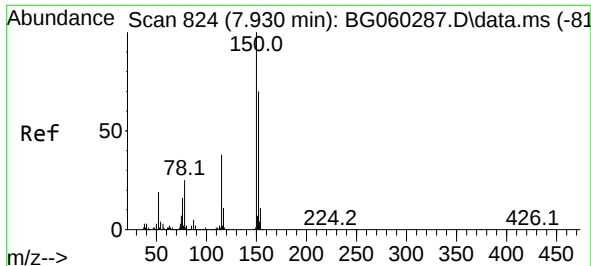
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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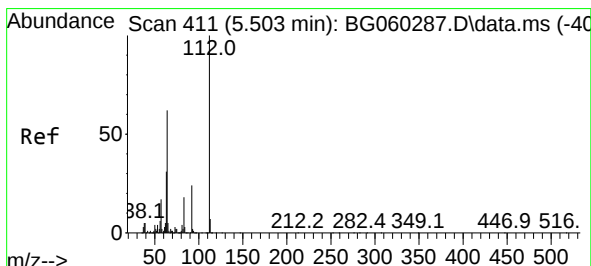
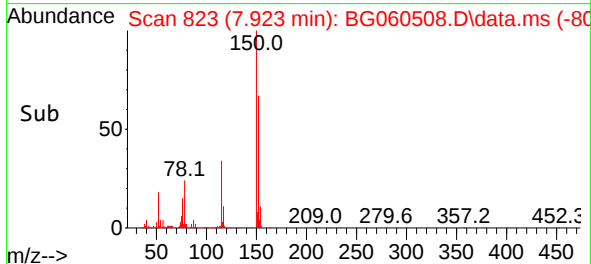
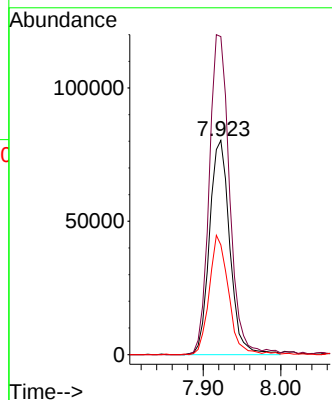
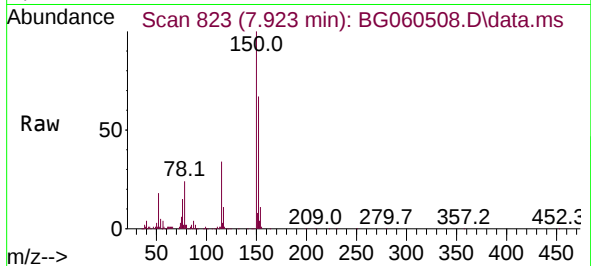




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

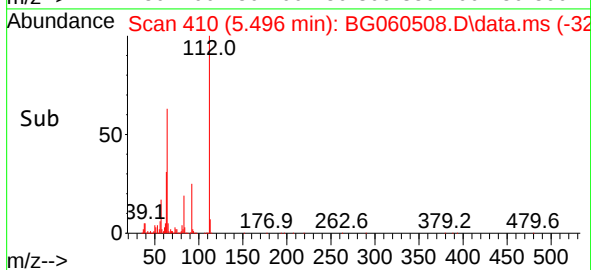
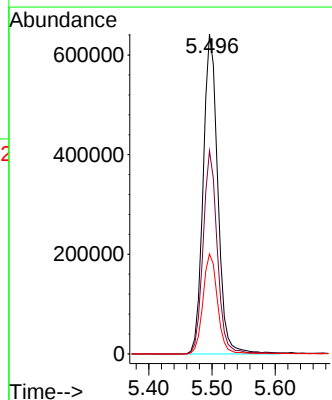
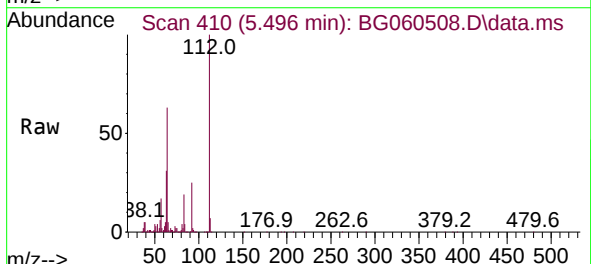
Instrument :
BNA_G
ClientSampleId :
PB158699TB

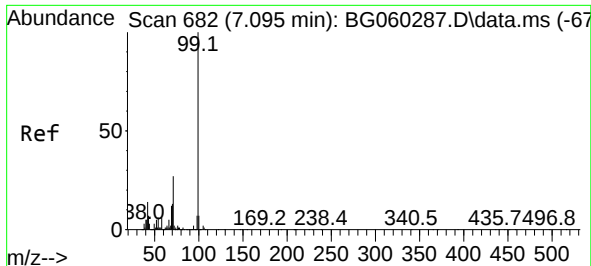
Tgt Ion:152 Resp: 146088
Ion Ratio Lower Upper
152 100
150 148.5 114.5 171.7
115 51.2 43.0 64.6



#5
2-Fluorophenol
Concen: 116.221 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

Tgt Ion:112 Resp: 1032260
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.6
63 31.2 24.4 36.6



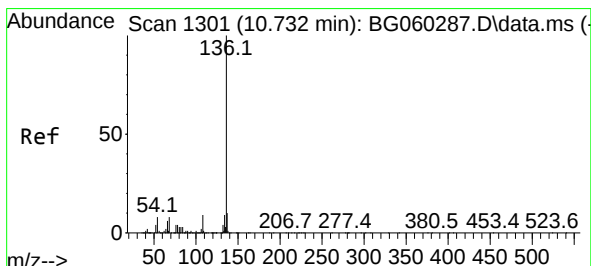
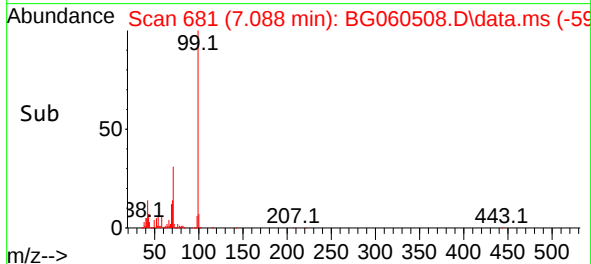
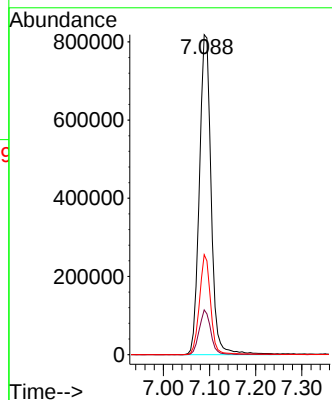
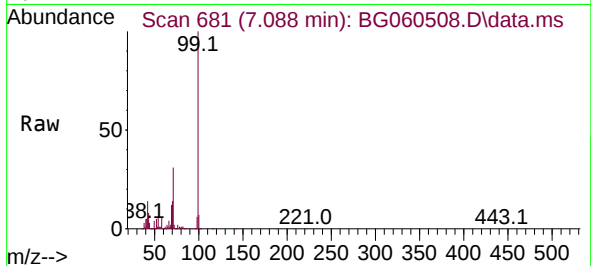


#7
Phenol-d6
Concen: 109.709 ng
RT: 7.088 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

Instrument :
BNA_G
ClientSampleId :
PB158699TB

Tgt Ion: 99 Resp: 1442892

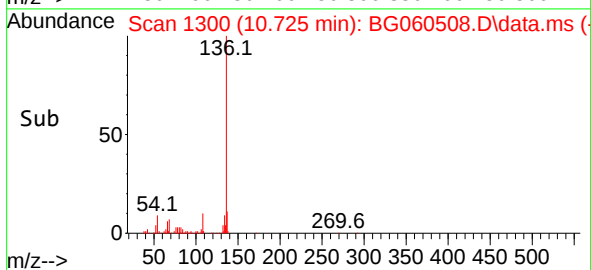
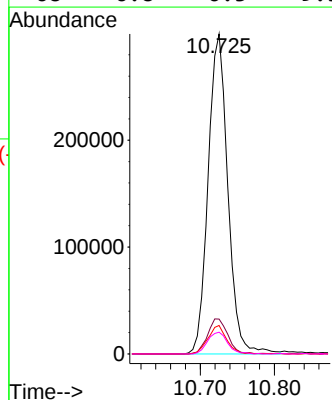
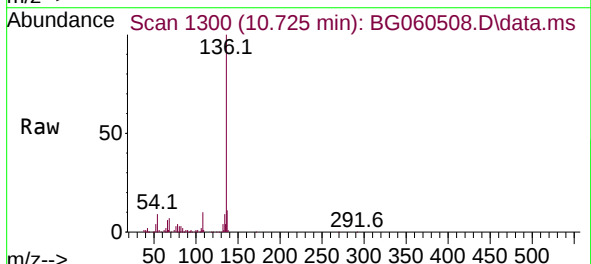
Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	31.2	21.5	32.3

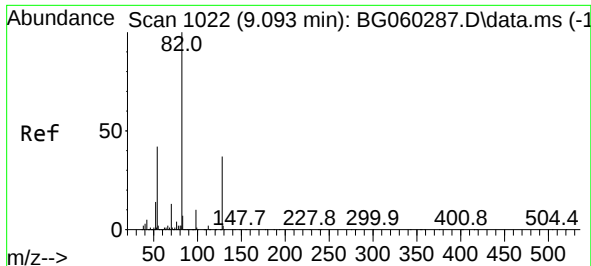


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

Tgt Ion: 136 Resp: 552175

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.9	6.2	9.2
68	6.8	6.3	9.5

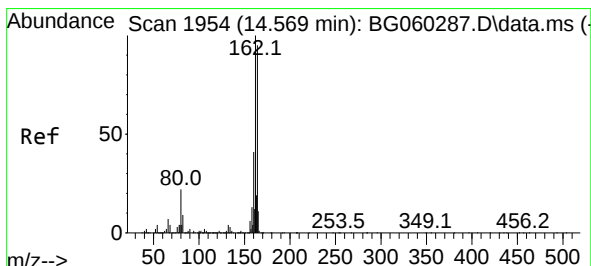
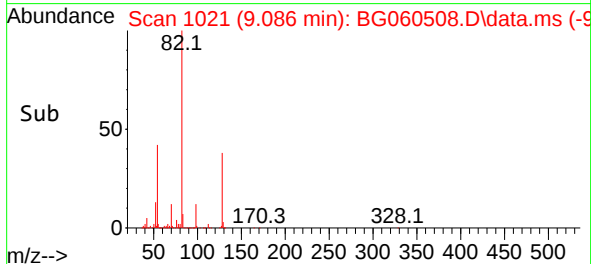
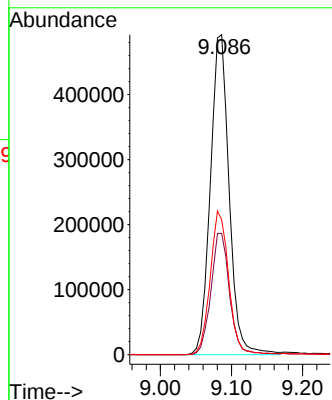
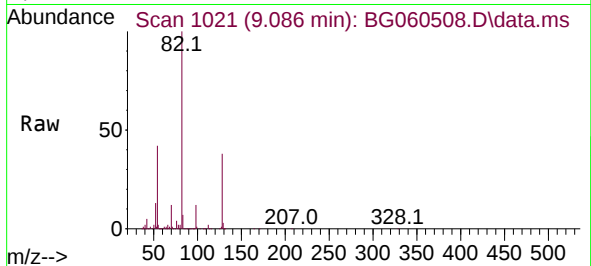




#23
Nitrobenzene-d5
Concen: 77.240 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

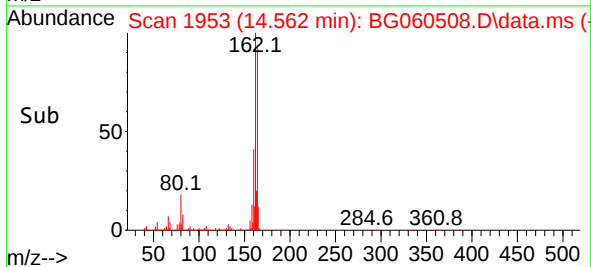
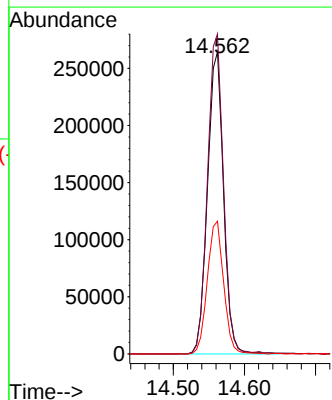
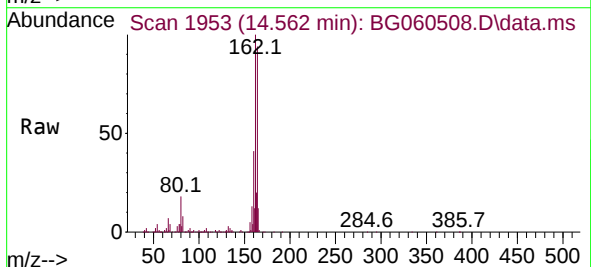
Instrument :
BNA_G
ClientSampleId :
PB158699TB

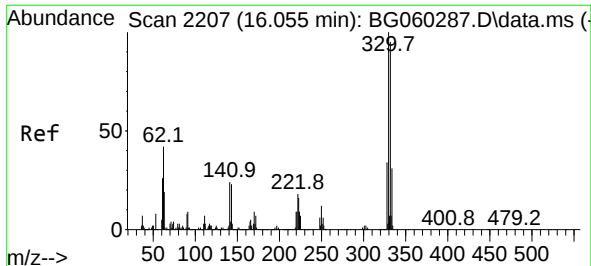
Tgt Ion: 82 Resp: 903221
Ion Ratio Lower Upper
82 100
128 37.9 29.6 44.4
54 42.2 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

Tgt Ion:164 Resp: 412158
Ion Ratio Lower Upper
164 100
162 106.0 84.4 126.6
160 44.0 34.6 52.0

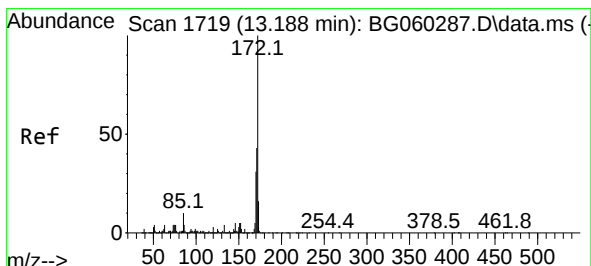
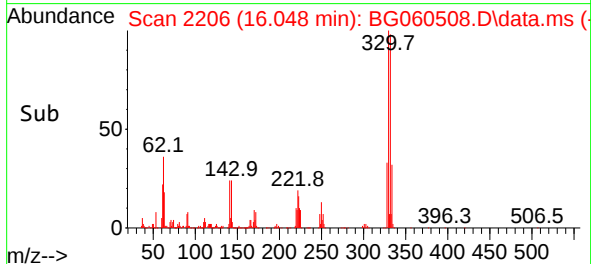
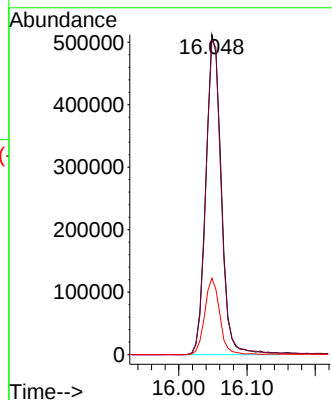
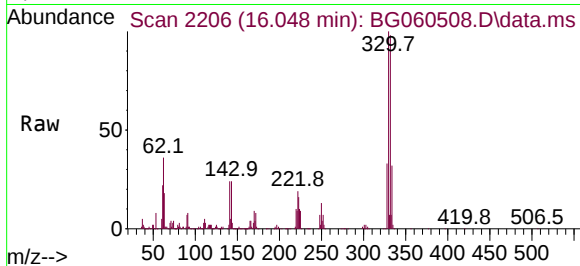




#42
2,4,6-Tribromophenol
Concen: 133.556 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

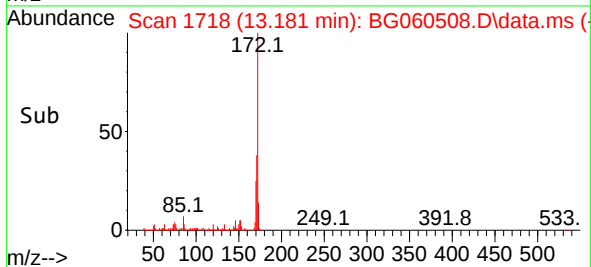
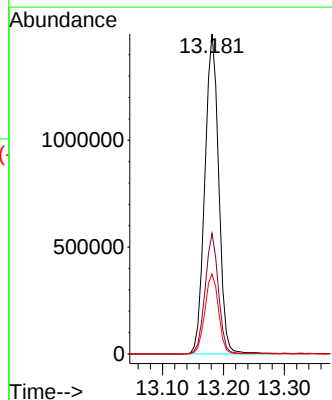
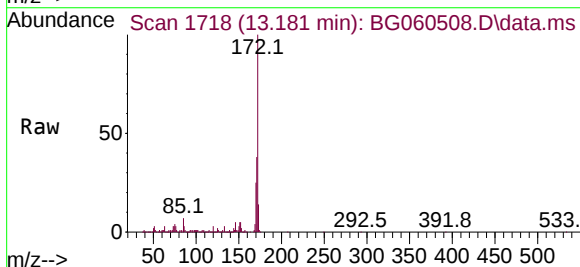
Instrument :
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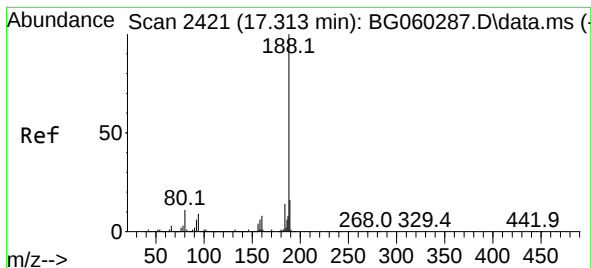
Tgt Ion:330 Resp: 809886
Ion Ratio Lower Upper
330 100
332 98.7 76.7 115.1
141 23.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.636 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060508.D
Acq: 31 Jan 2024 14:02

Tgt Ion:172 Resp: 2360815
Ion Ratio Lower Upper
172 100
171 37.6 34.6 51.8
170 24.9 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060508.D

Acq: 31 Jan 2024 14:02

Instrument :

BNA_G

ClientSampleId :

PB158699TB

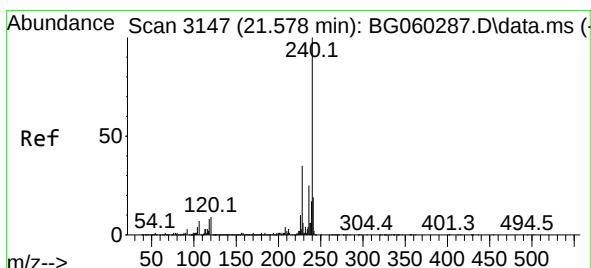
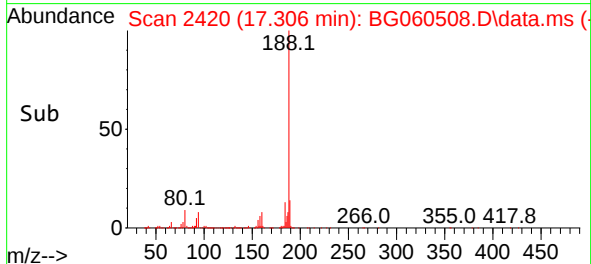
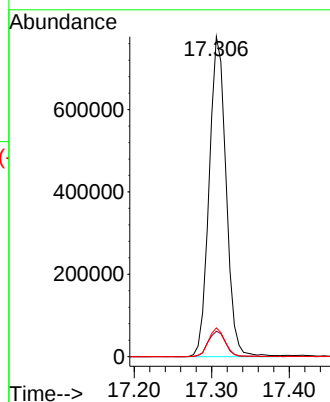
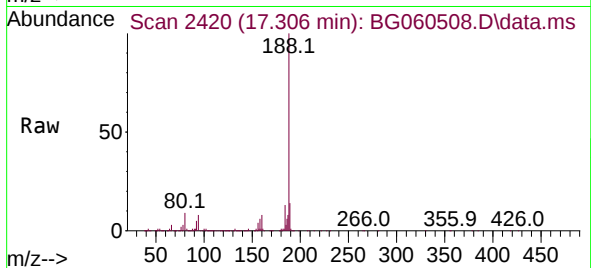
Tgt Ion:188 Resp: 1179366

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 9.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060508.D

Acq: 31 Jan 2024 14:02

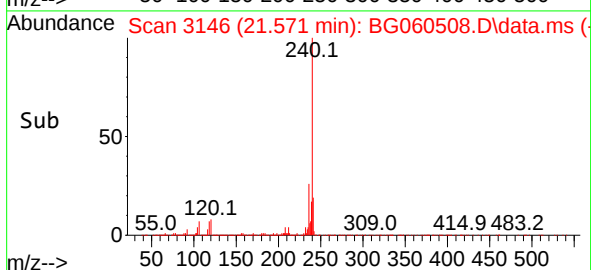
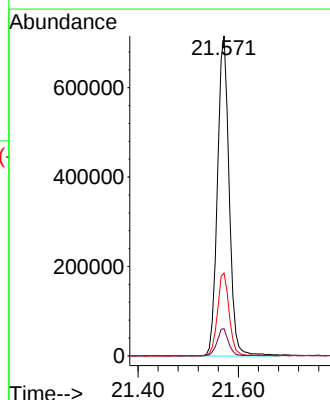
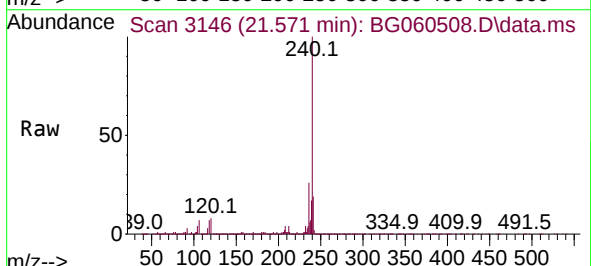
Tgt Ion:240 Resp: 1154433

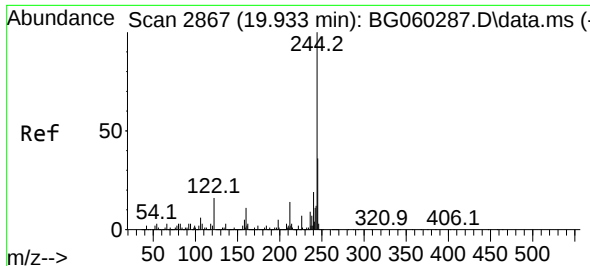
Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 25.9 20.3 30.5

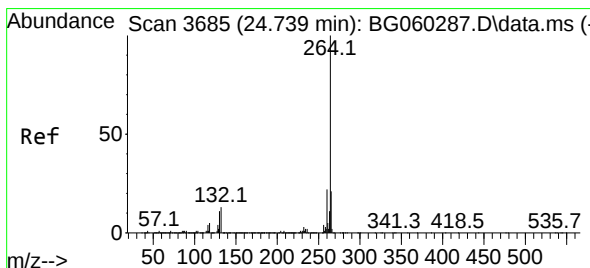
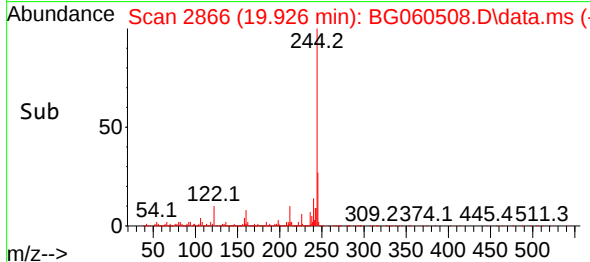
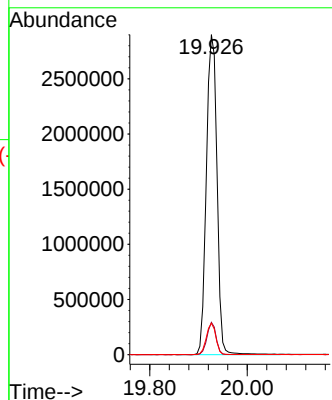
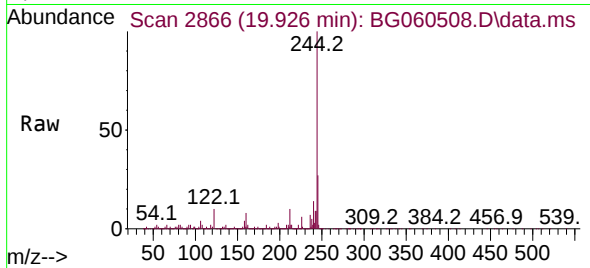




#79
 Terphenyl-d14
 Concen: 105.040 ng
 RT: 19.926 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG060508.D
 Acq: 31 Jan 2024 14:02

Instrument :
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 ClientSampleId :
 PB158699TB

Tgt Ion:244 Resp: 4397773
 Ion Ratio Lower Upper
 244 100
 212 10.1 10.9 16.3#
 122 9.8 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.732 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG060508.D
 Acq: 31 Jan 2024 14:02

Tgt Ion:264 Resp: 1287811
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 22.0 16.8 25.2

