

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060353.D
 Acq On : 18 Jan 2024 15:24
 Operator : MA/JU
 Sample : PB158446TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158446TB

Quant Time: Jan 18 15:56:43 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	7.930	152	219020	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	866921	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	635259	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1847959	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1890029	20.000	ng	0.00
86) Perylene-d12	24.739	264	2133877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1835460	137.839	ng	0.00
7) Phenol-d6	7.090	99	2592878	131.499	ng	0.00
23) Nitrobenzene-d5	9.087	82	1499841	81.694	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1270915	135.978	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3703781	81.060	ng	0.00
79) Terphenyl-d14	19.933	244	6073276	78.884	ng	0.00

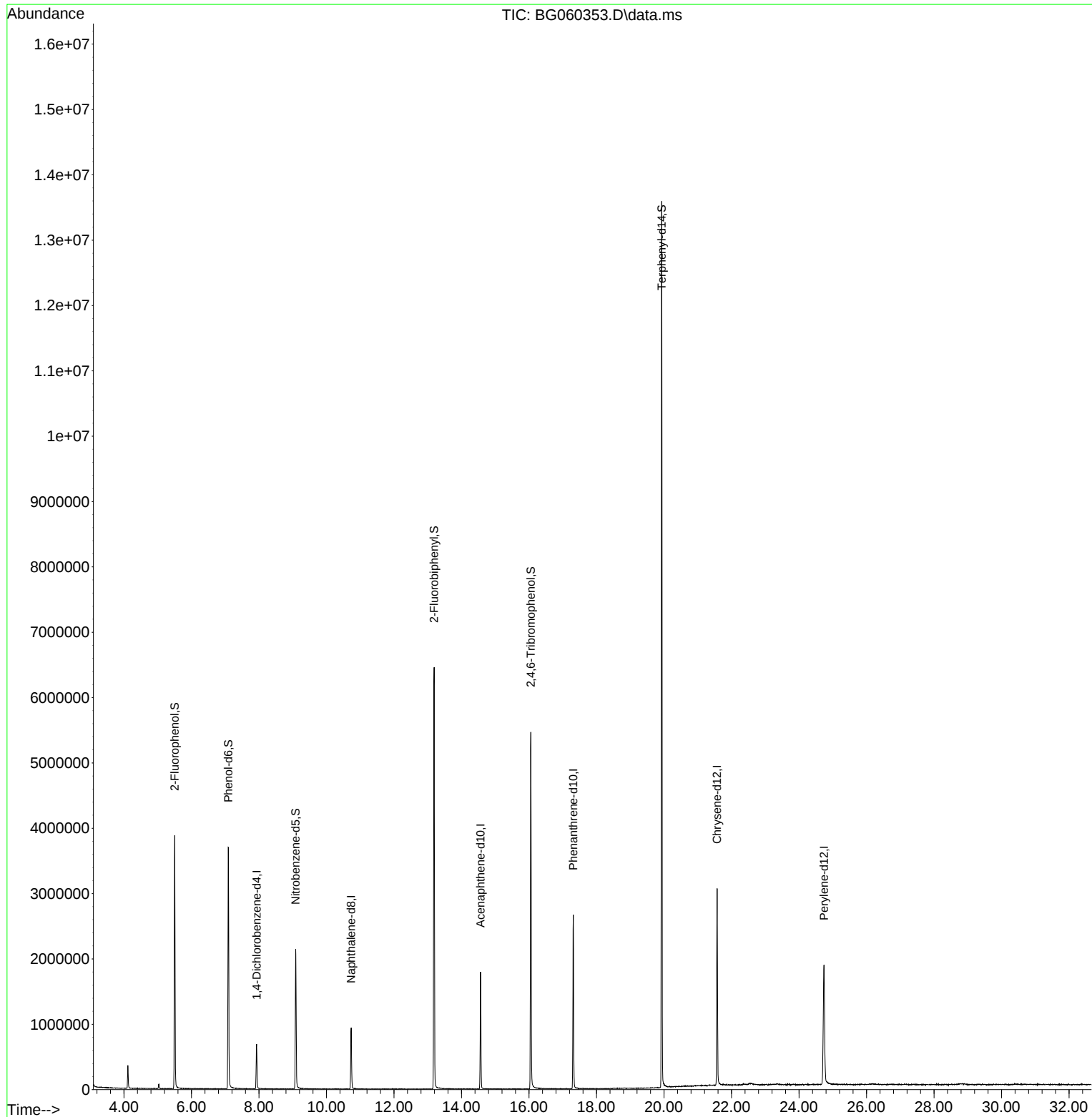
Target Compounds	Qvalue

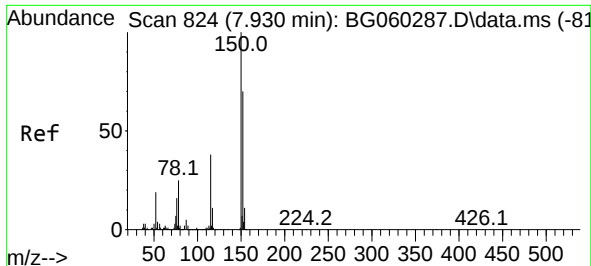
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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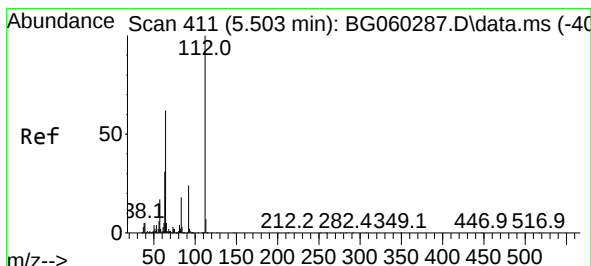
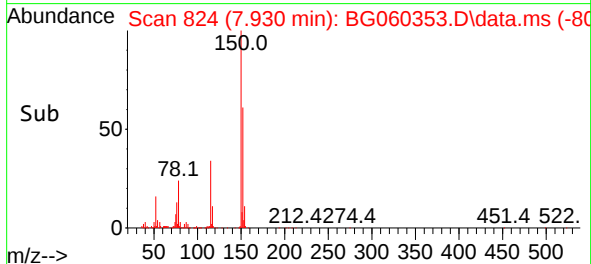
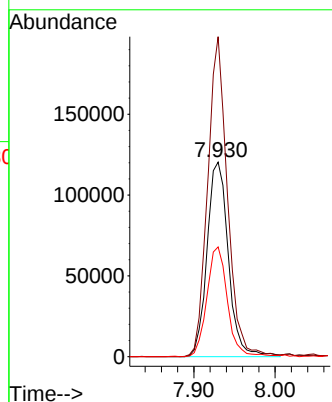
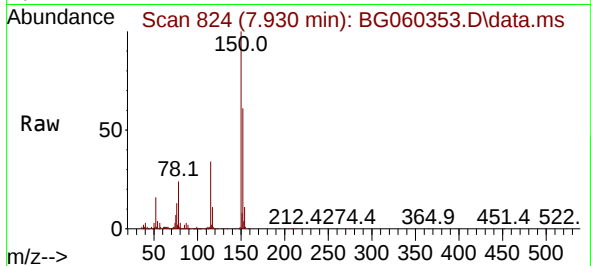




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

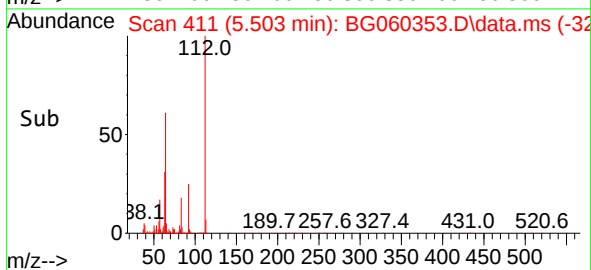
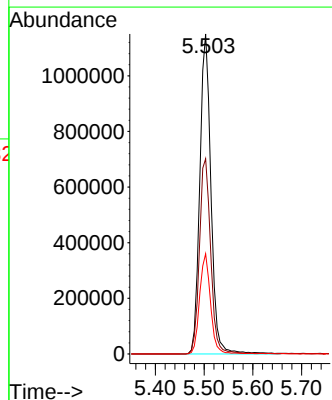
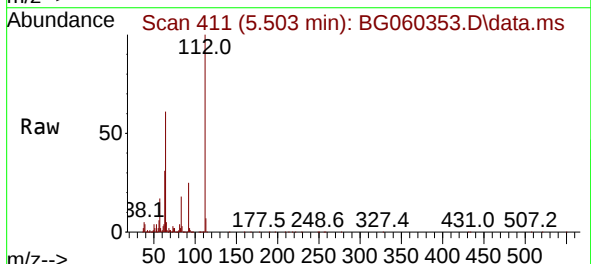
Instrument :
BNA_G
ClientSampleId :
PB158446TB

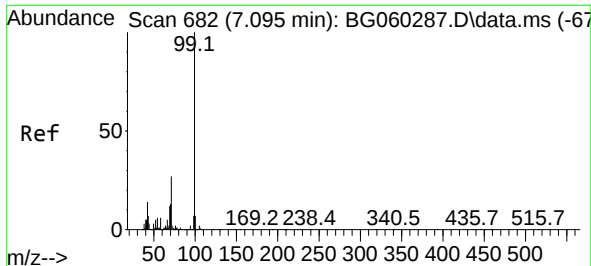
Tgt Ion:152 Resp: 219020
Ion Ratio Lower Upper
152 100
150 164.4 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 137.839 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:112 Resp: 1835460
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.6
63 31.3 24.4 36.6

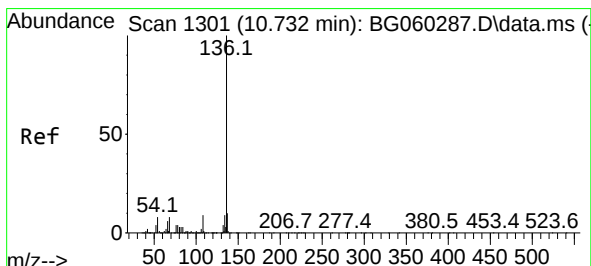
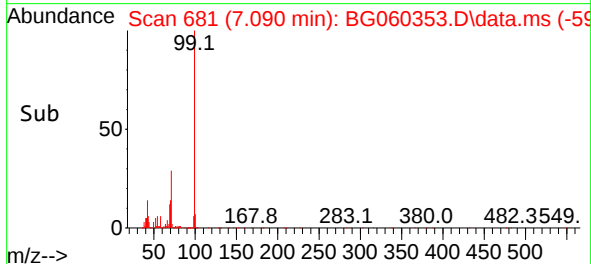
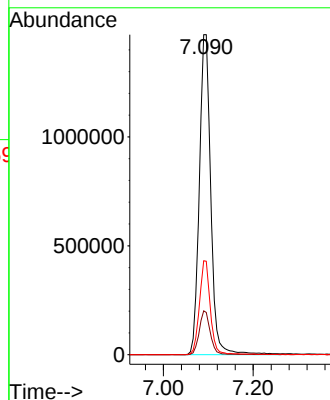
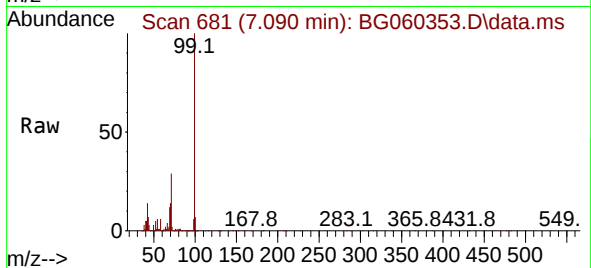




#7
Phenol-d6
Concen: 131.499 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

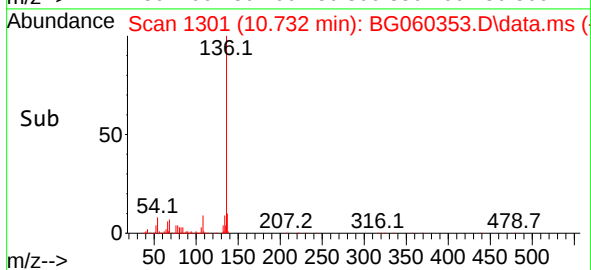
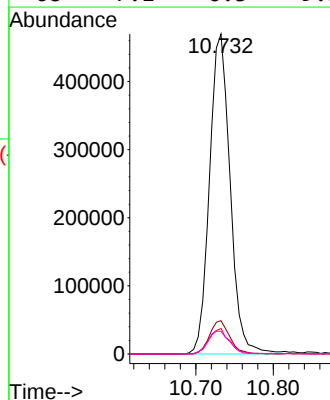
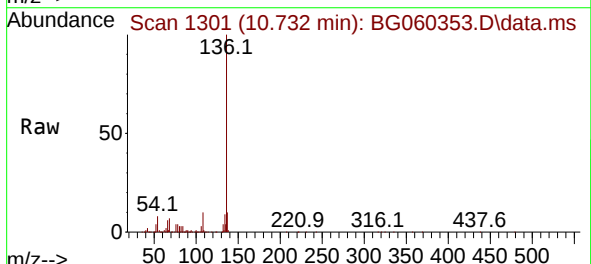
Instrument :
BNA_G
ClientSampleId :
PB158446TB

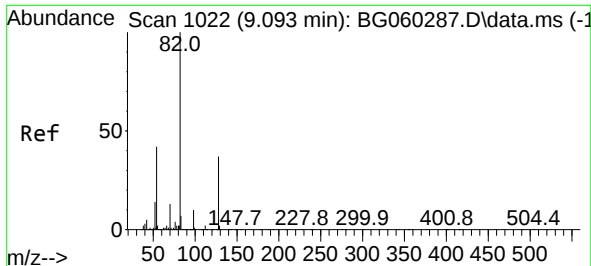
Tgt Ion: 99 Resp: 2592878
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 29.3 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion: 136 Resp: 866921
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 7.9 6.2 9.2
68 7.1 6.3 9.5

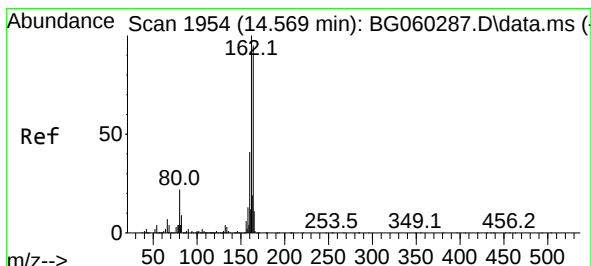
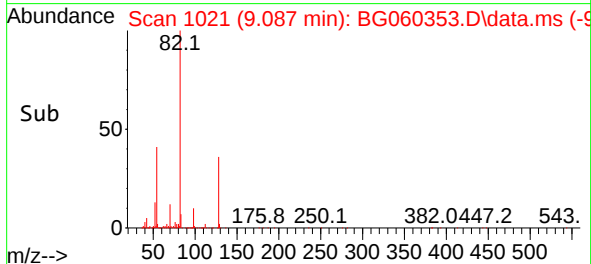
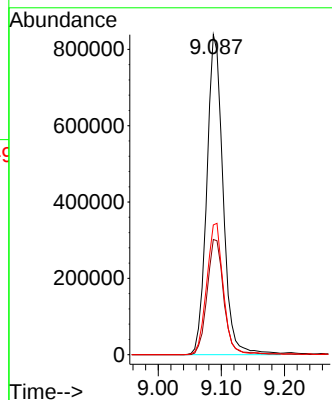
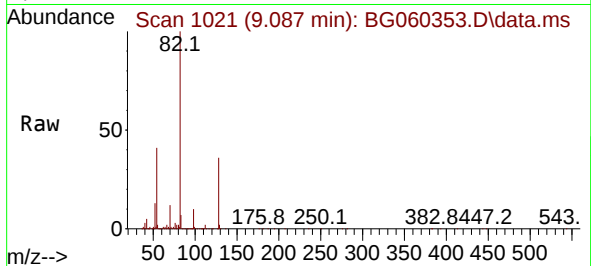




#23
Nitrobenzene-d5
Concen: 81.694 ng
RT: 9.087 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

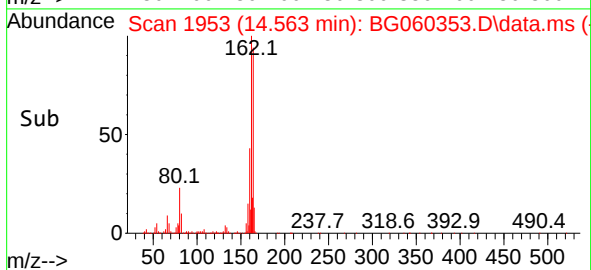
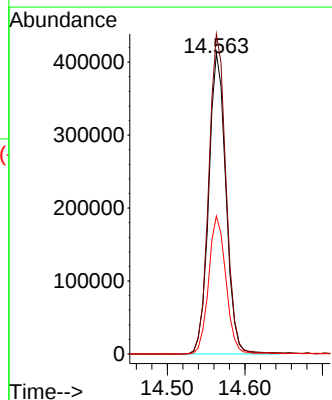
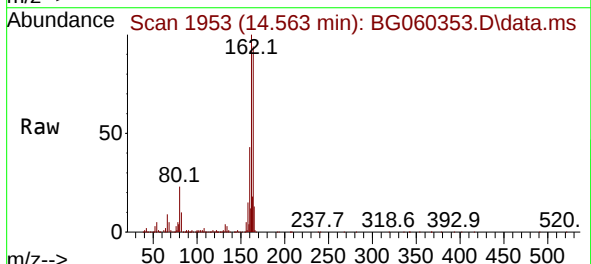
Instrument :
BNA_G
ClientSampleId :
PB158446TB

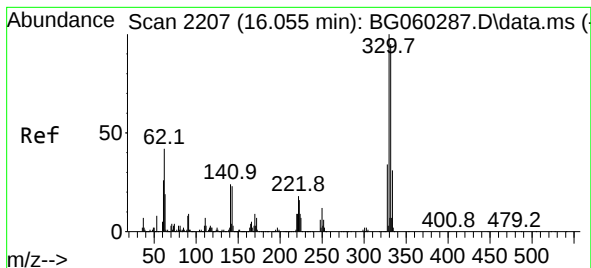
Tgt Ion: 82 Resp: 1499841
Ion Ratio Lower Upper
82 100
128 36.0 29.6 44.4
54 40.5 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:164 Resp: 635259
Ion Ratio Lower Upper
164 100
162 106.4 84.4 126.6
160 45.8 34.6 52.0

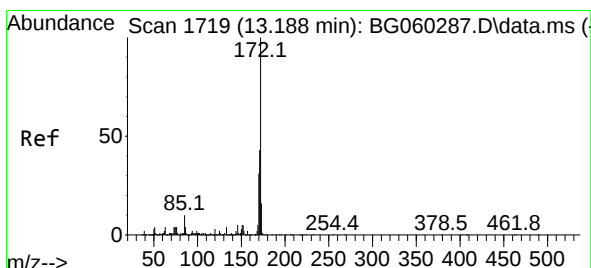
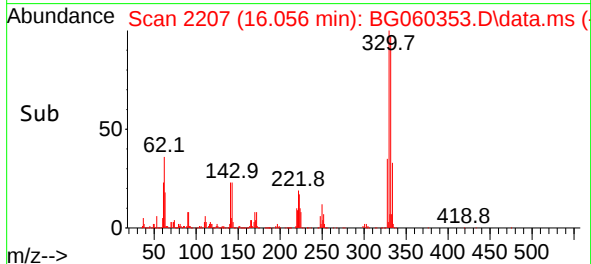
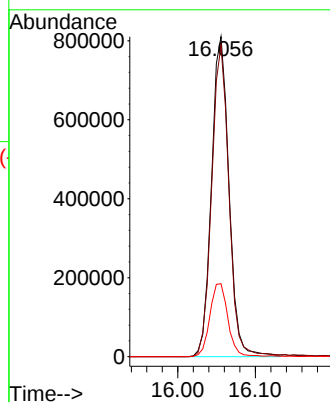
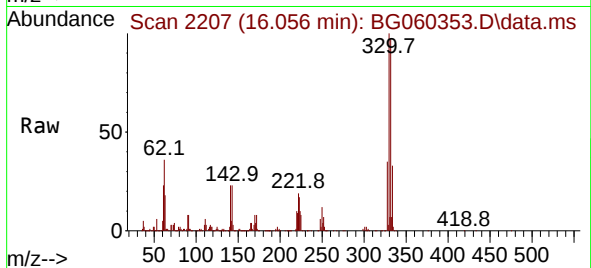




#42
2,4,6-Tribromophenol
Concen: 135.978 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

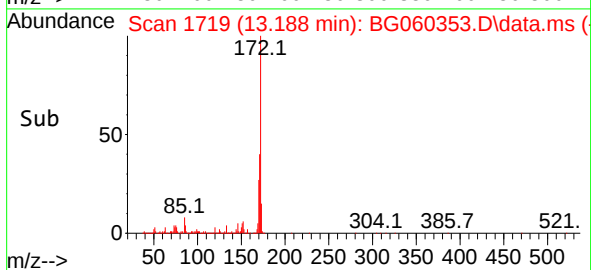
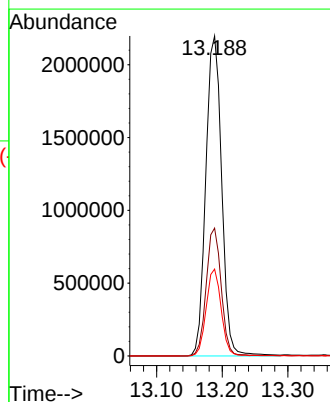
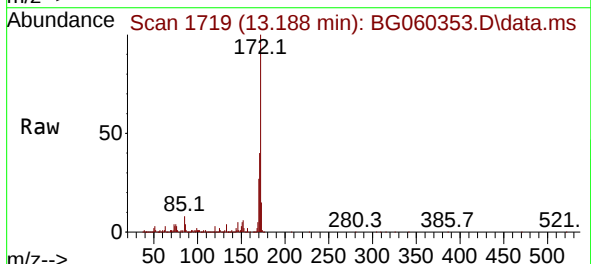
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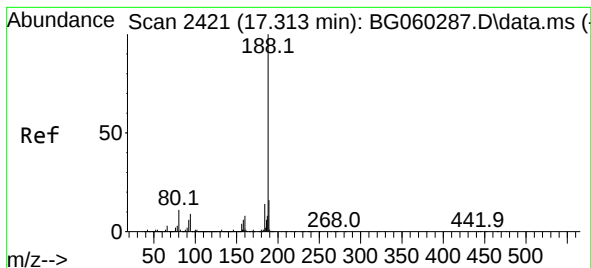
Tgt Ion:330 Resp: 1270915
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.060 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:172 Resp: 3703781
Ion Ratio Lower Upper
172 100
171 40.0 34.6 51.8
170 27.1 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: BG060353.D

Acq: 18 Jan 2024 15:24

Instrument :

BNA_G

ClientSampleId :

PB158446TB

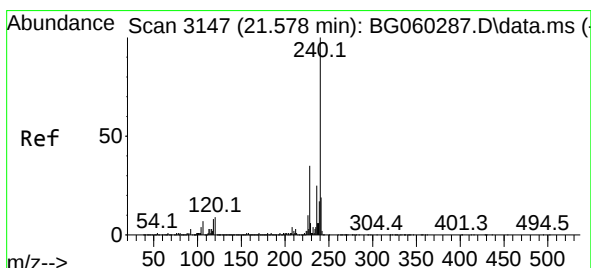
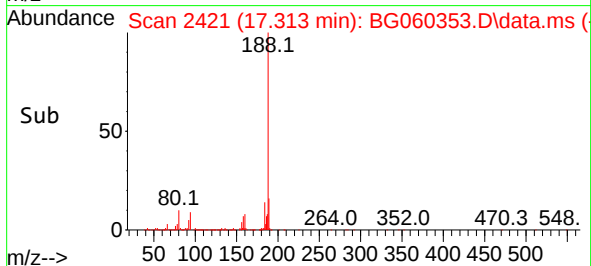
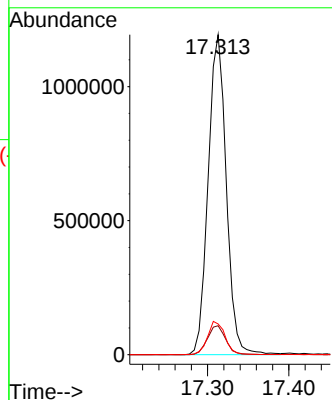
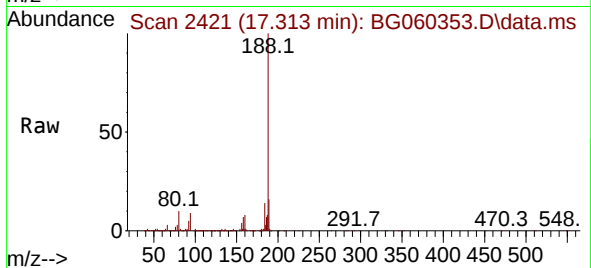
Tgt Ion:188 Resp: 1847959

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.6 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: BG060353.D

Acq: 18 Jan 2024 15:24

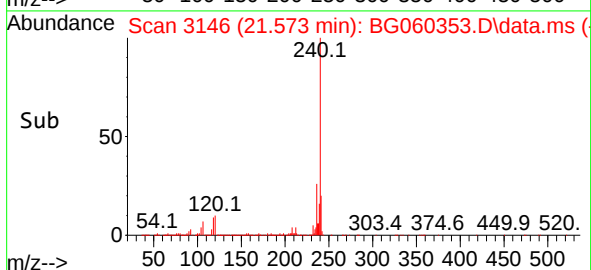
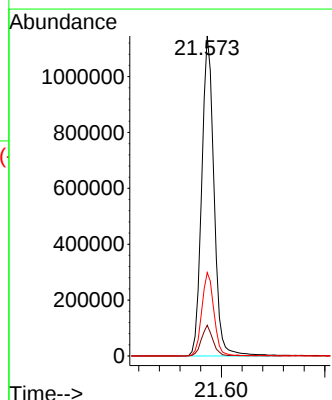
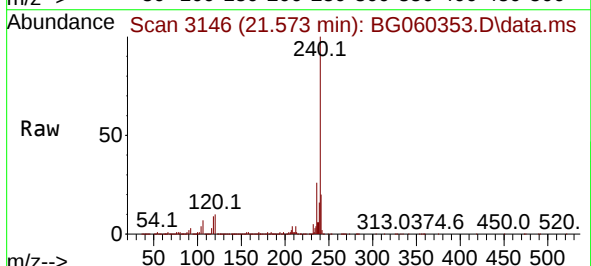
Tgt Ion:240 Resp: 1890029

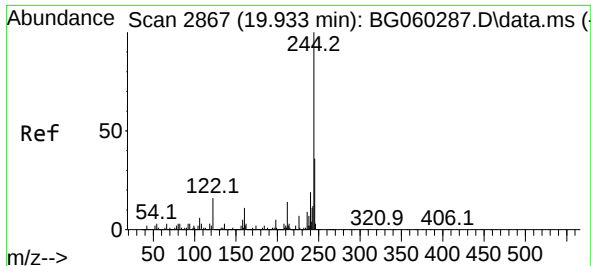
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.1 20.3 30.5

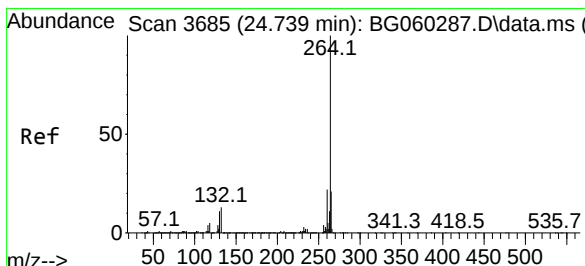
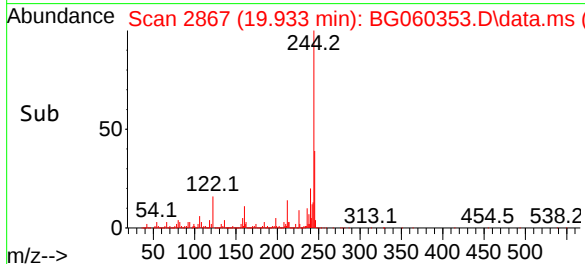
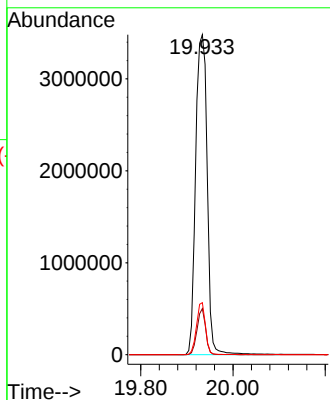
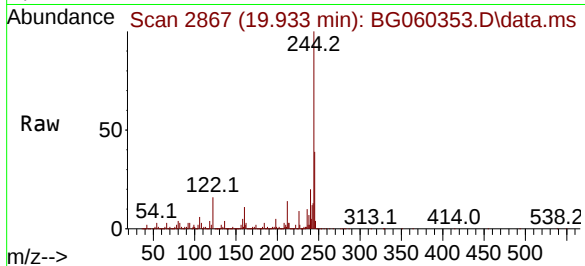




#79
Terphenyl-d14
Concen: 78.884 ng
RT: 19.933 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Instrument :
BNA_G
ClientSampleId :
PB158446TB

Tgt Ion:244 Resp: 6073276
Ion Ratio Lower Upper
244 100
212 14.4 10.9 16.3
122 16.3 12.6 18.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:264 Resp: 2133877
Ion Ratio Lower Upper
264 100
260 23.3 17.8 26.6
265 21.9 16.8 25.2

