

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012524\
Data File : BG060425.D
Acq On : 25 Jan 2024 13:00
Operator : MA/JU
Sample : PB158620BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158620BL

Quant Time: Jan 25 13:34:13 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	241180	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1022192	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	787969	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2124588	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2003387	20.000	ng	0.00
86) Perylene-d12	24.745	264	2143385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1967343	134.168	ng	0.00
7) Phenol-d6	7.101	99	2981904	137.333	ng	0.00
23) Nitrobenzene-d5	9.093	82	1894947	87.537	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1589886	137.138	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4571064	80.653	ng	0.00
79) Terphenyl-d14	19.933	244	6414365	78.450	ng	0.00

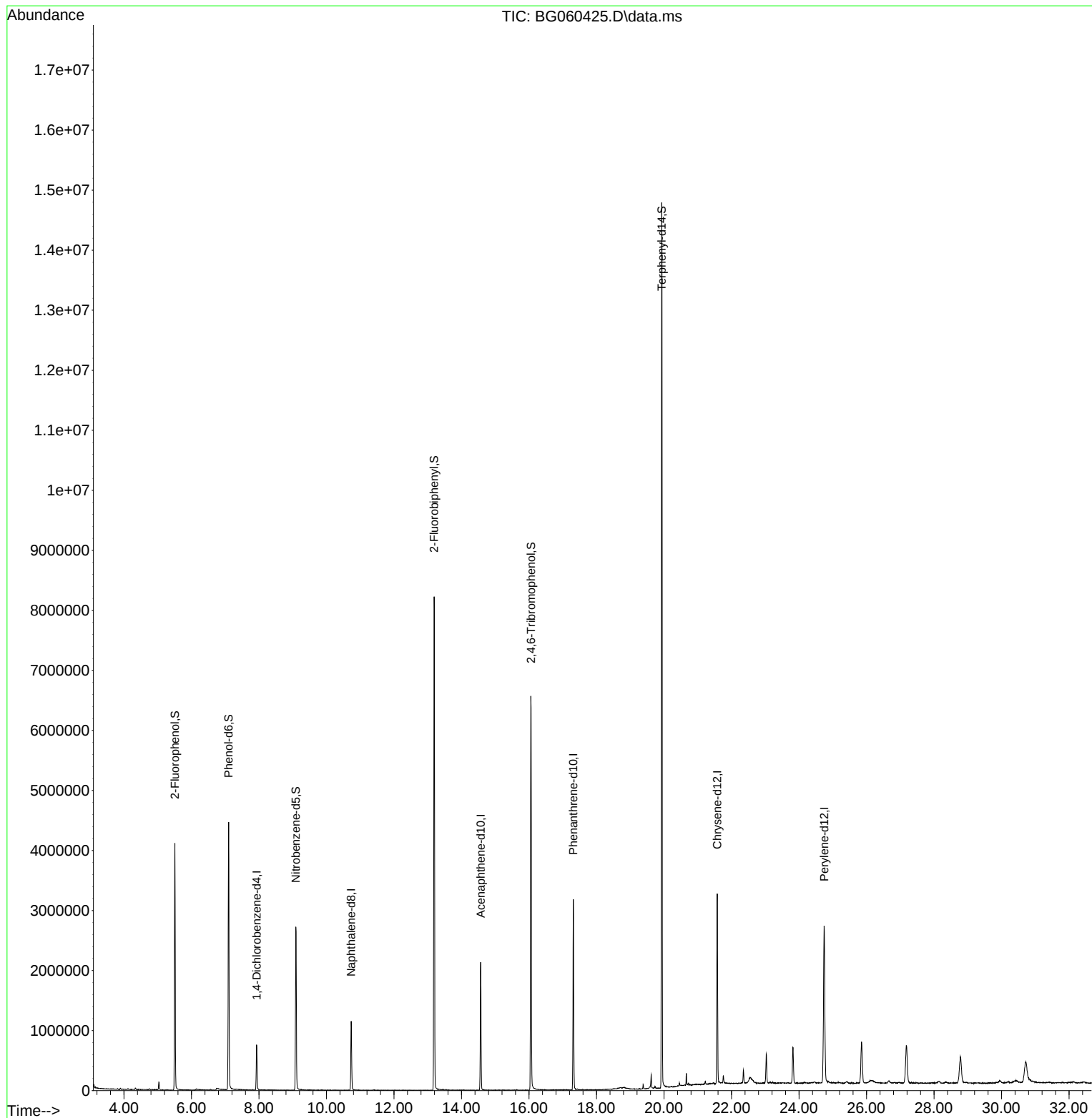
Target Compounds	Qvalue

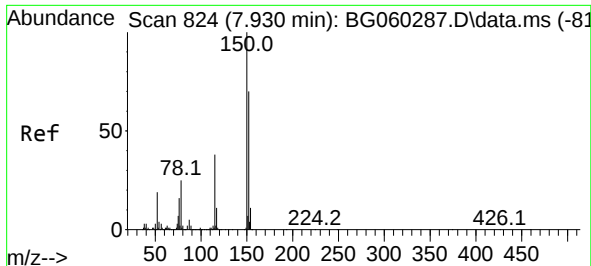
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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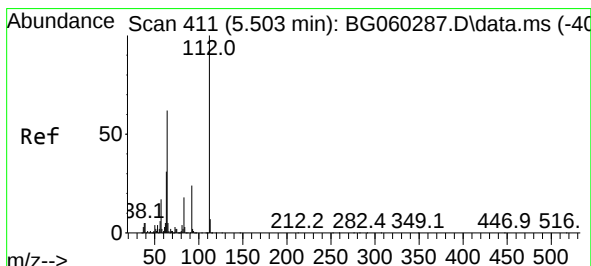
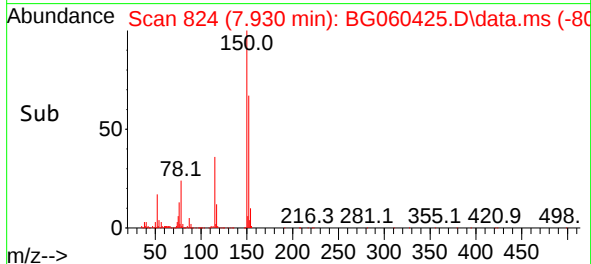
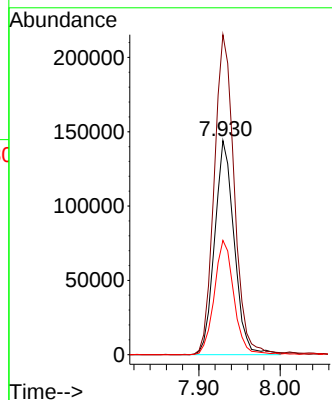
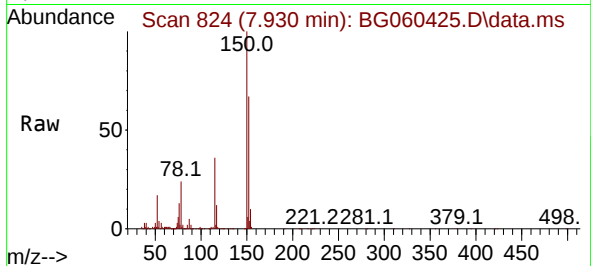




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

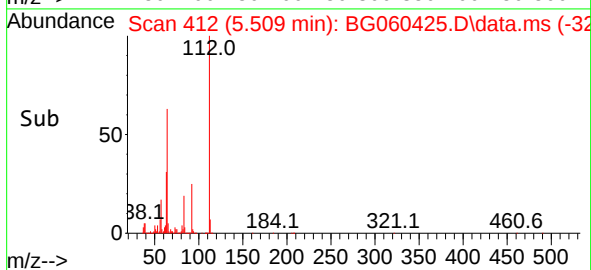
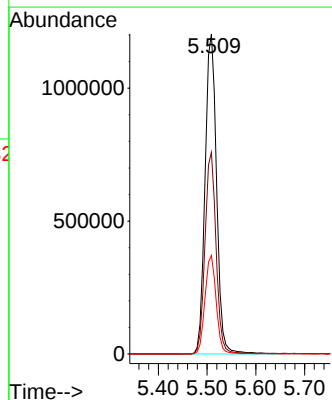
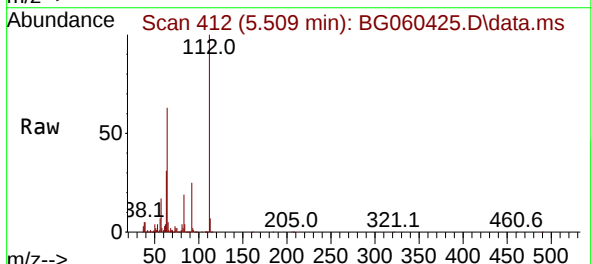
Instrument :
BNA_G
ClientSampleId :
PB158620BL

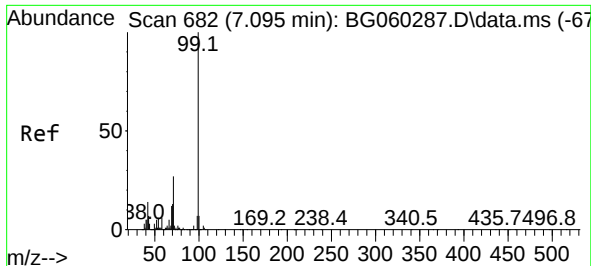
Tgt Ion:152 Resp: 241180
Ion Ratio Lower Upper
152 100
150 149.5 114.5 171.7
115 53.4 43.0 64.6



#5
2-Fluorophenol
Concen: 134.168 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:112 Resp: 1967343
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.6
63 30.8 24.4 36.6

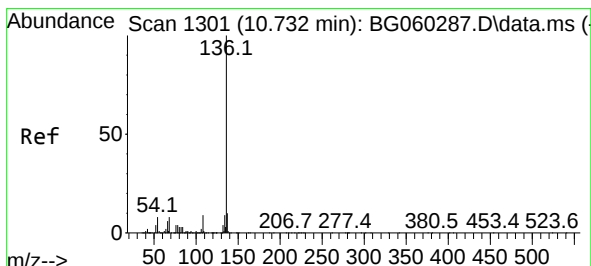
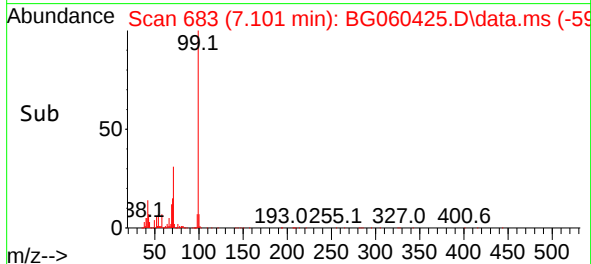
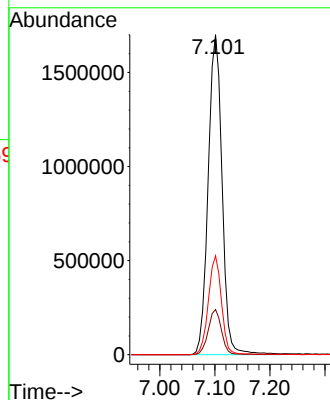
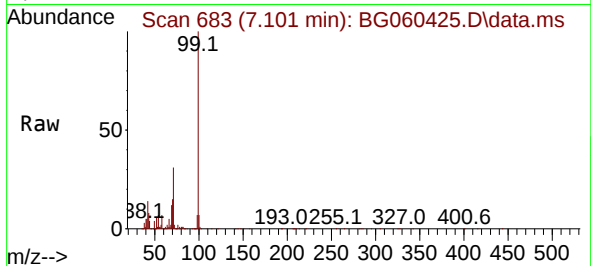




#7
Phenol-d6
Concen: 137.333 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

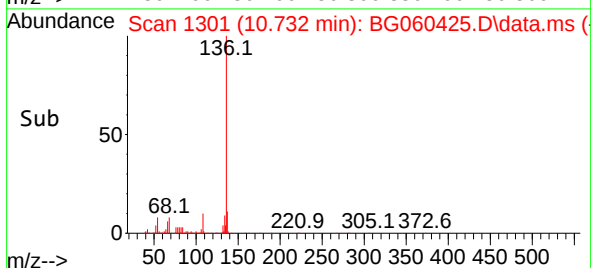
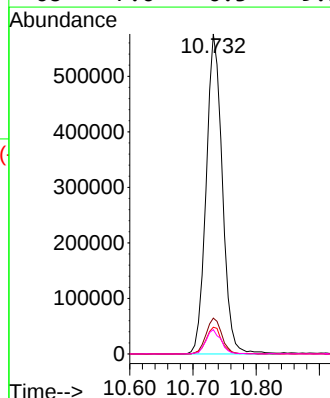
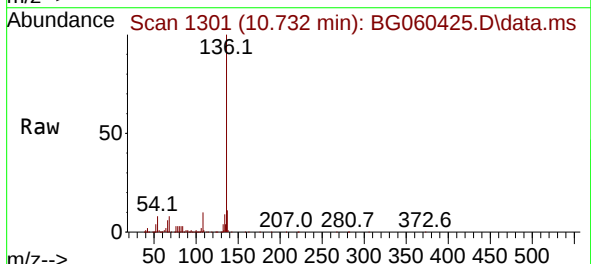
Instrument :
BNA_G
ClientSampleId :
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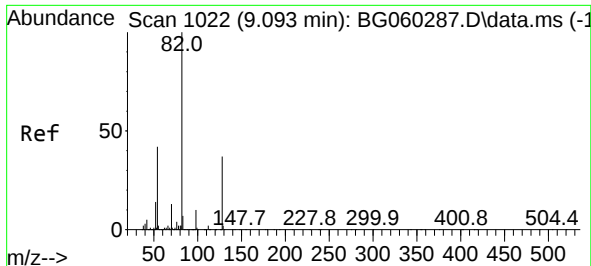
Tgt Ion: 99 Resp: 2981904
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 30.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion: 136 Resp: 1022192
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.3 6.2 9.2
68 7.6 6.3 9.5

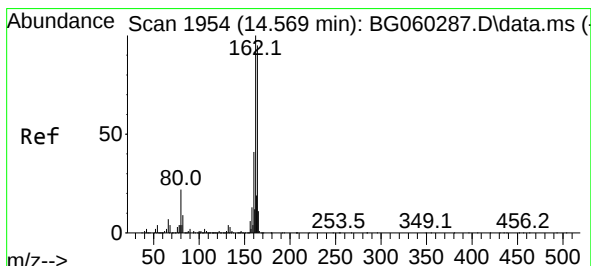
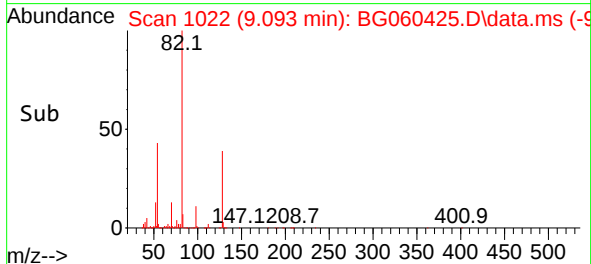
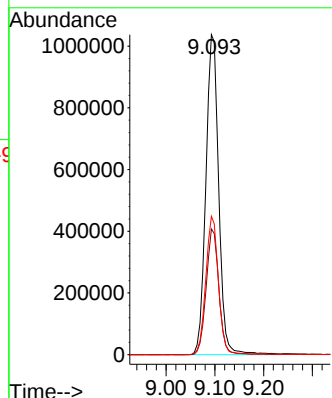
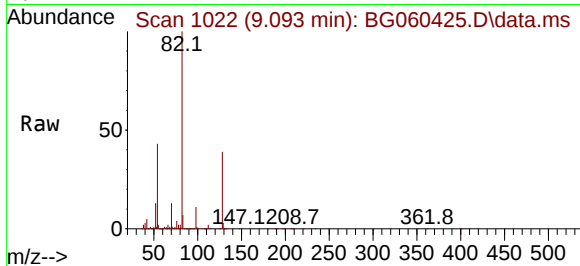




#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

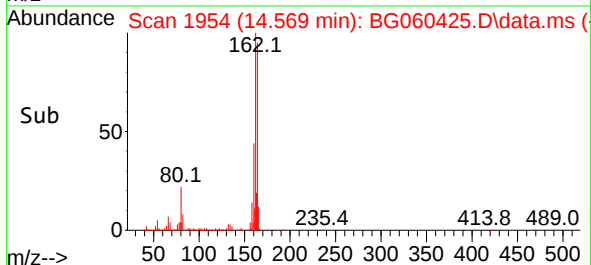
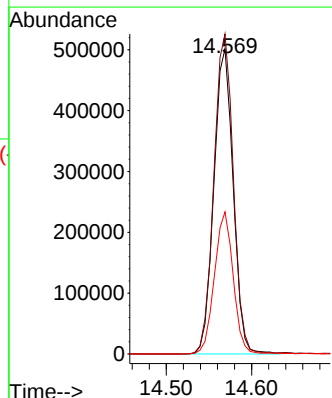
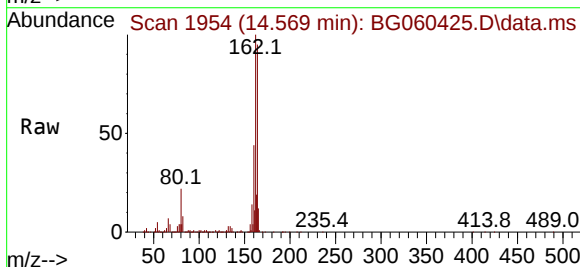
Instrument :
BNA_G
ClientSampleId :
PB158620BL

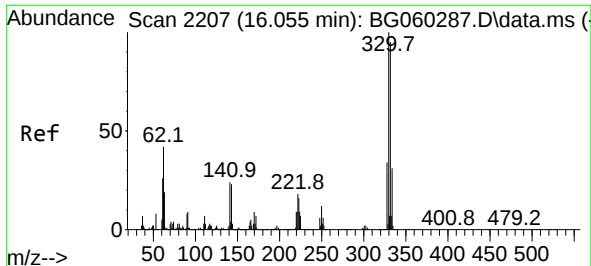
Tgt Ion: 82 Resp: 1894947
Ion Ratio Lower Upper
82 100
128 39.3 29.6 44.4
54 43.2 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:164 Resp: 787969
Ion Ratio Lower Upper
164 100
162 104.8 84.4 126.6
160 46.5 34.6 52.0

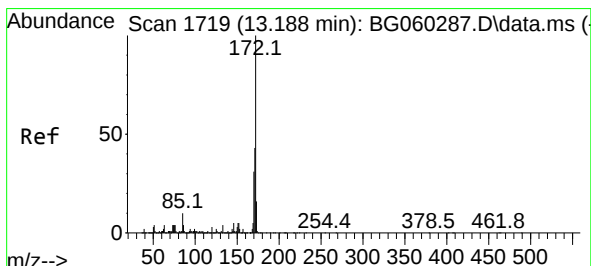
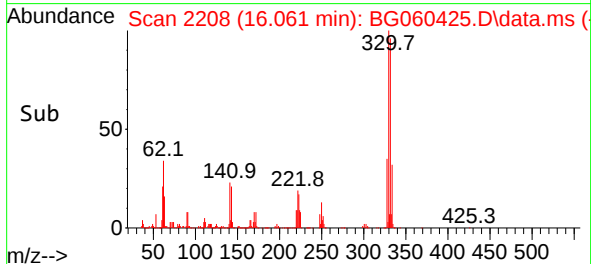
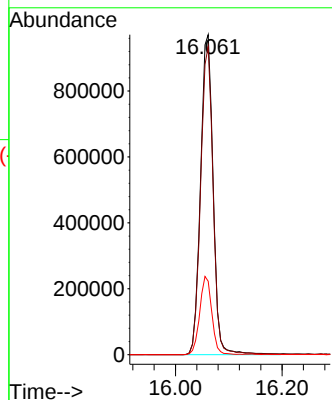
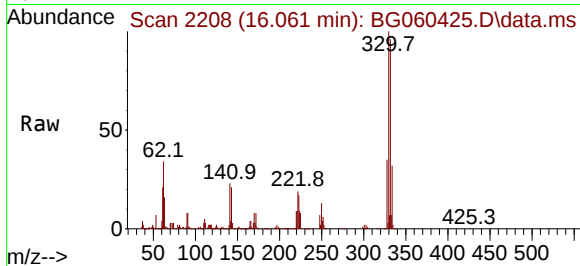




#42
2,4,6-Tribromophenol
Concen: 137.138 ng
RT: 16.061 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

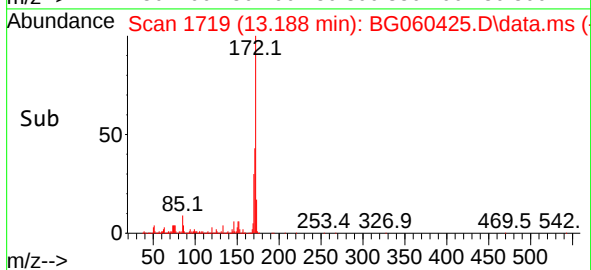
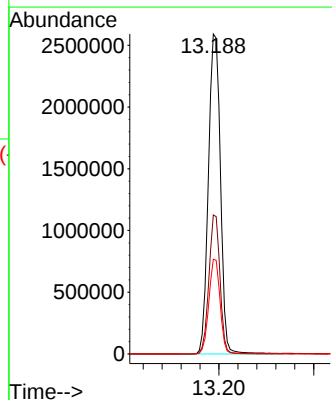
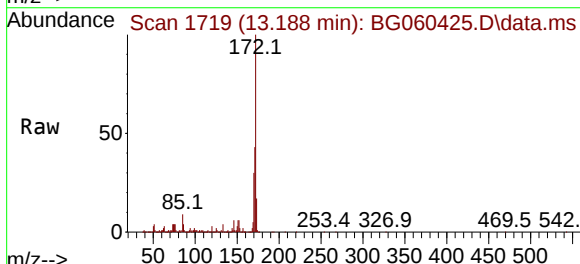
Instrument :
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ClientSampleId :
PB158620BL

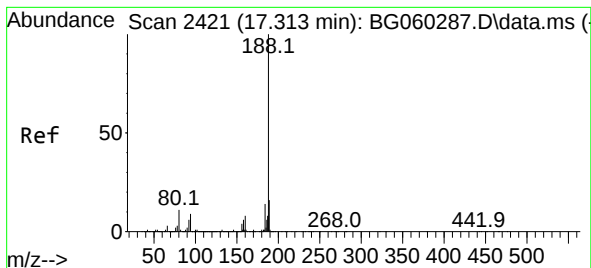
Tgt Ion:330 Resp: 1589886
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 80.653 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:172 Resp: 4571064
Ion Ratio Lower Upper
172 100
171 43.4 34.6 51.8
170 29.6 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060425.D

Acq: 25 Jan 2024 13:00

Instrument :

BNA_G

ClientSampleId :

PB158620BL

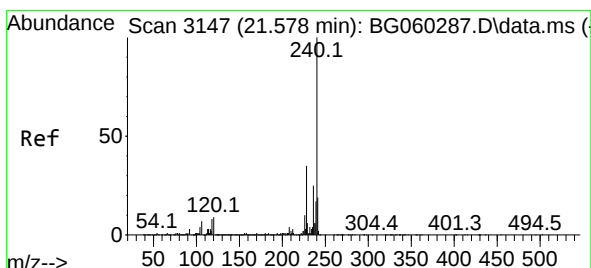
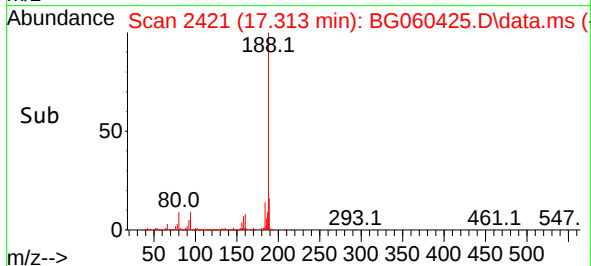
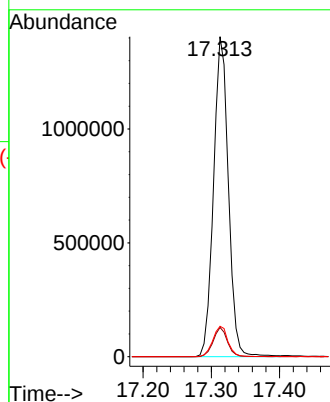
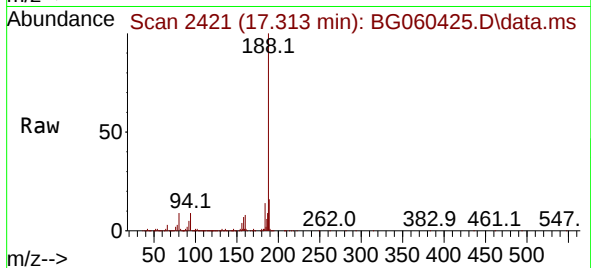
Tgt Ion:188 Resp: 2124588

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

80 9.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BG060425.D

Acq: 25 Jan 2024 13:00

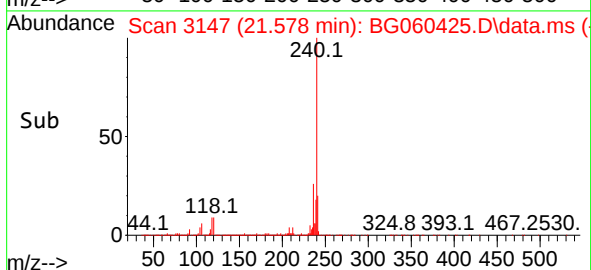
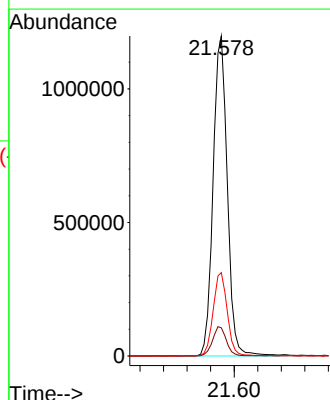
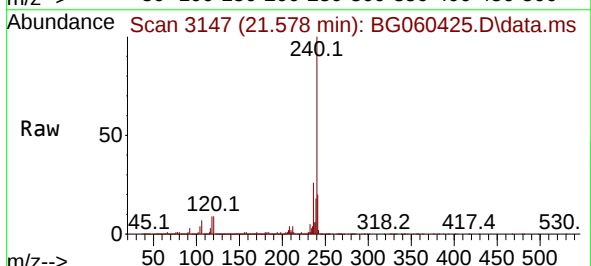
Tgt Ion:240 Resp: 2003387

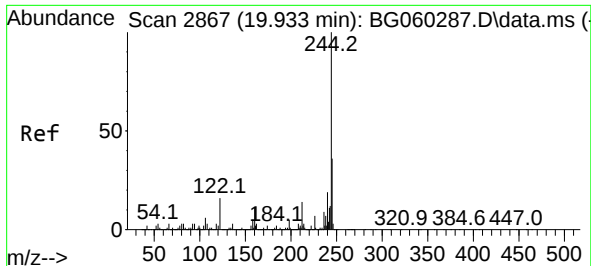
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 26.0 20.3 30.5

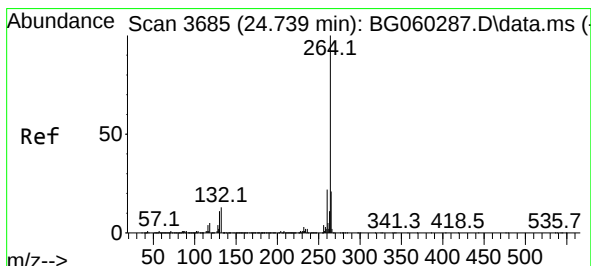
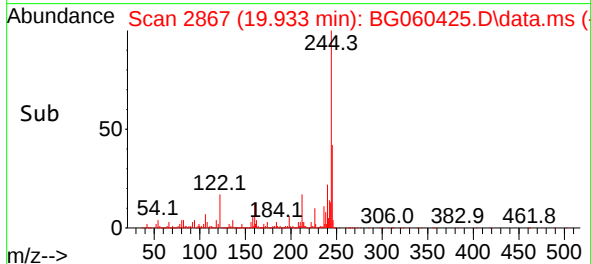
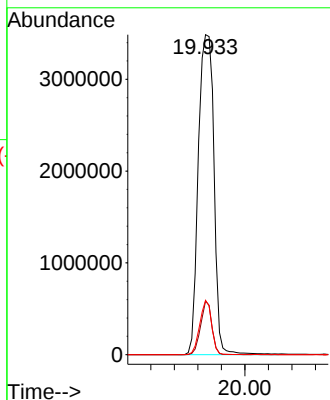
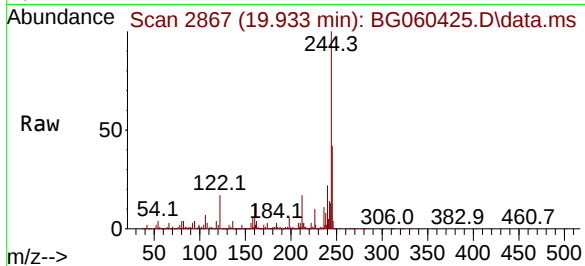




#79
 Terphenyl-d14
 Concen: 78.450 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060425.D
 Acq: 25 Jan 2024 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB158620BL

Tgt Ion:244 Resp: 6414365
 Ion Ratio Lower Upper
 244 100
 212 16.7 10.9 16.3#
 122 17.0 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.745 min Scan# 3686
 Delta R.T. 0.006 min
 Lab File: BG060425.D
 Acq: 25 Jan 2024 13:00

Tgt Ion:264 Resp: 2143385
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.6
 265 21.6 16.8 25.2

