

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011524\
 Data File : BG060330.D
 Acq On : 15 Jan 2024 12:45
 Operator : MA/JU
 Sample : PB158419BL
 Misc : 8270 SURROGATES
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158419BL

Quant Time: Jan 15 13:45:29 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	7.929	152	239921	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	990341	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	743733	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2109180	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2267110	20.000	ng	0.00
86) Perylene-d12	24.733	264	2531238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	2117575	145.171	ng	0.00
7) Phenol-d6	7.095	99	3024780	140.039	ng	0.00
23) Nitrobenzene-d5	9.093	82	1943998	92.691	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1427453	130.451	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4454763	83.276	ng	0.00
79) Terphenyl-d14	19.933	244	6830258	71.628	ng	0.00

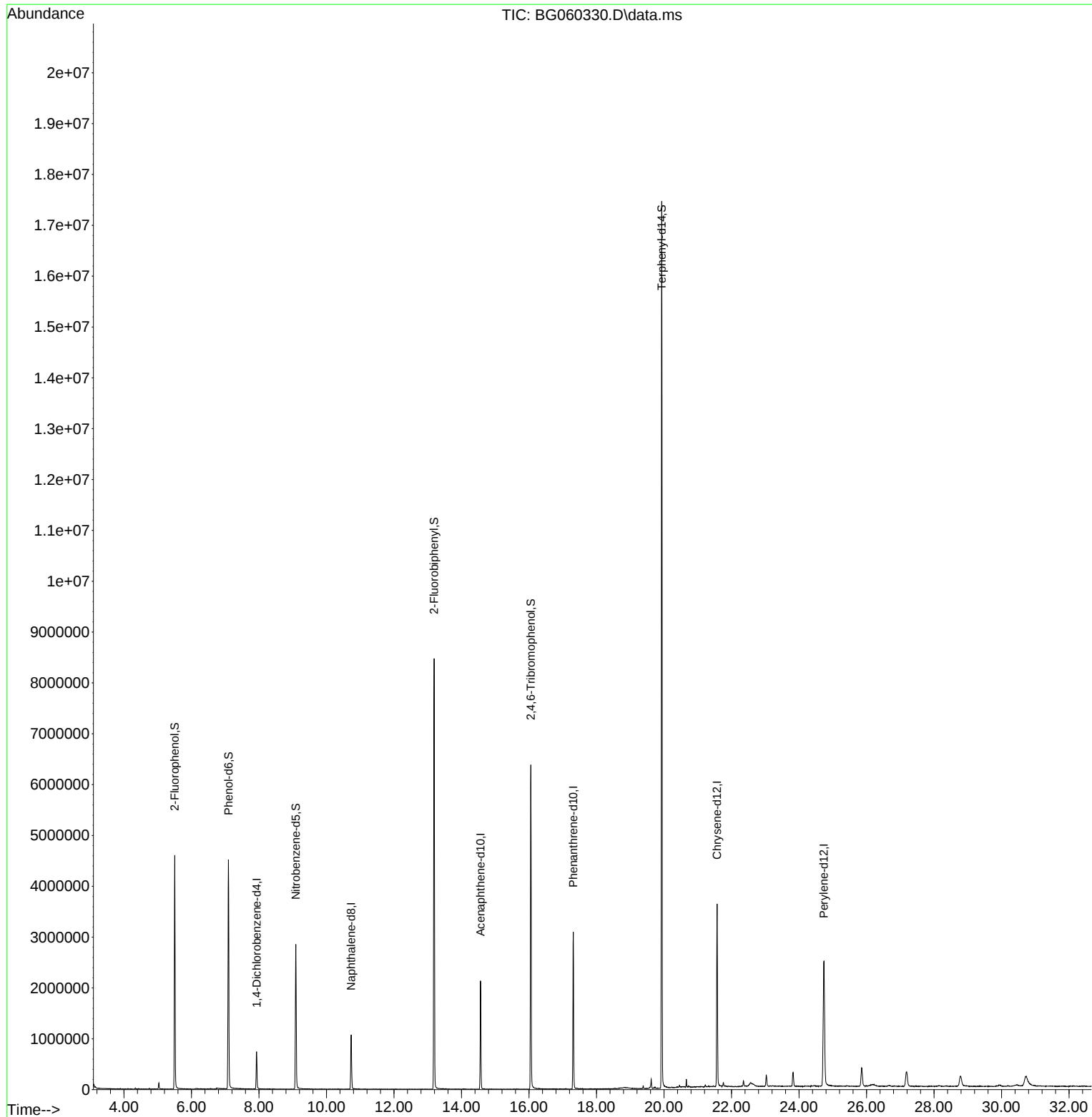
Target Compounds	Qvalue

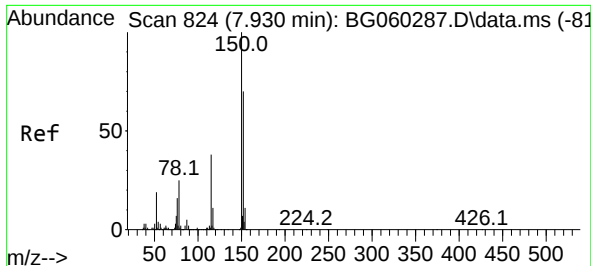
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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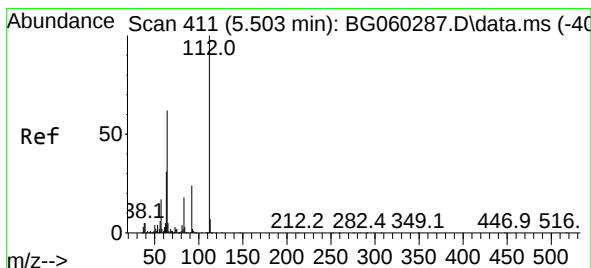
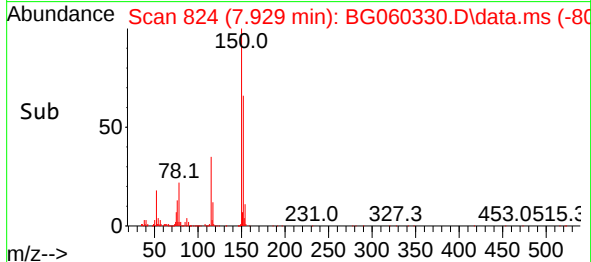
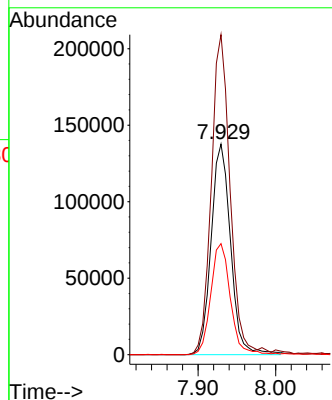
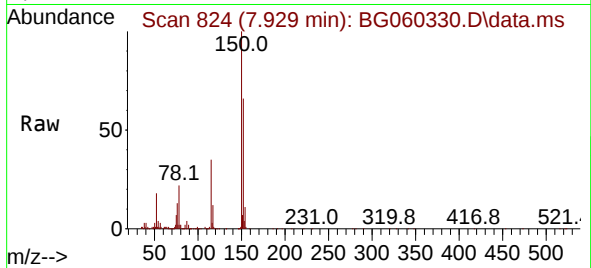




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

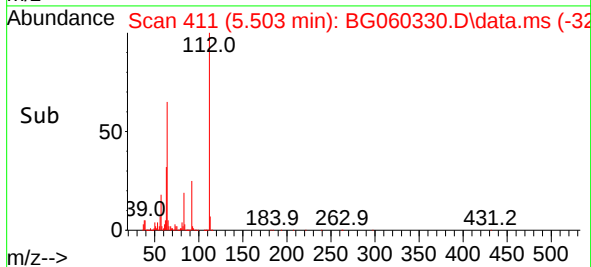
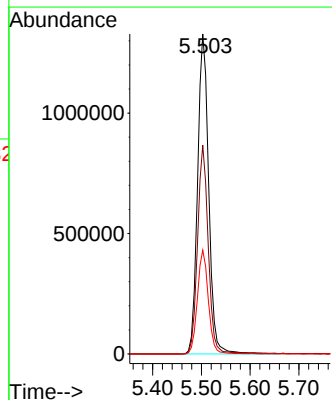
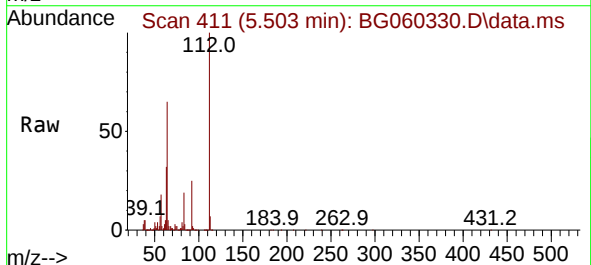
Instrument :
BNA_G
ClientSampleId :
PB158419BL

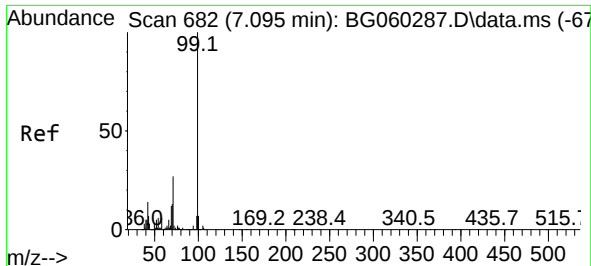
Tgt Ion:152 Resp: 239921
Ion Ratio Lower Upper
152 100
150 152.0 114.5 171.7
115 52.7 43.0 64.6



#5
2-Fluorophenol
Concen: 145.171 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:112 Resp: 2117575
Ion Ratio Lower Upper
112 100
64 65.3 49.8 74.6
63 32.5 24.4 36.6

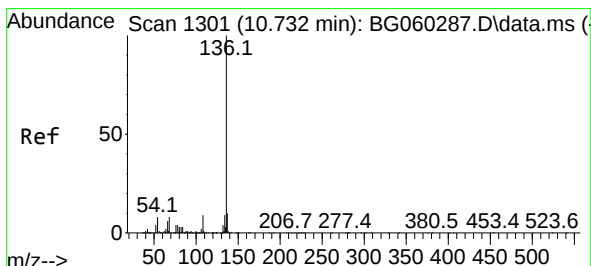
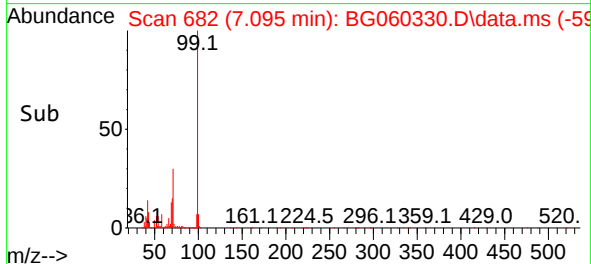
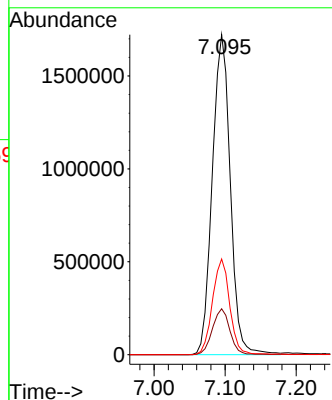
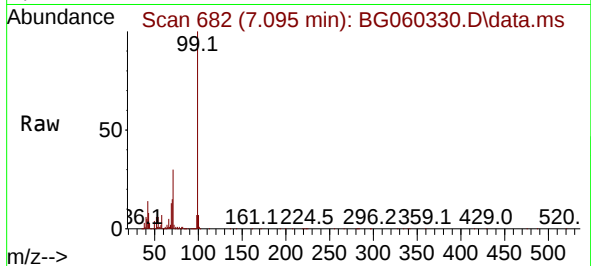




#7
Phenol-d6
Concen: 140.039 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

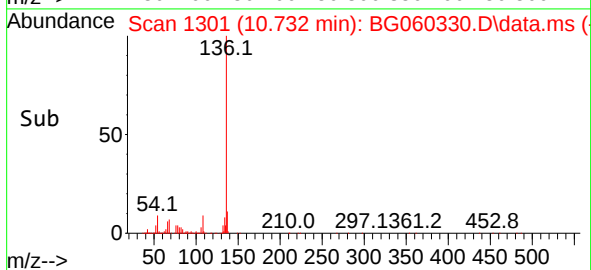
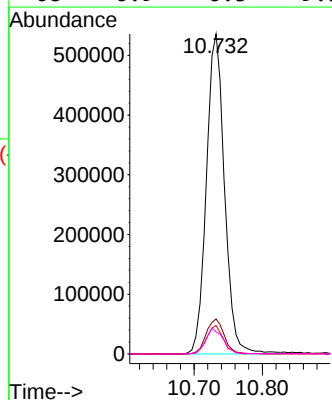
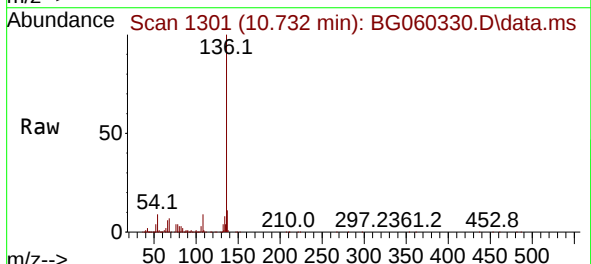
Instrument :
BNA_G
ClientSampleId :
PB158419BL

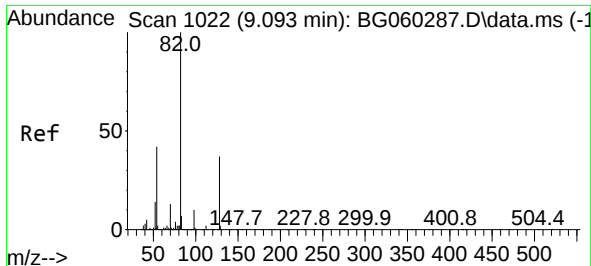
Tgt Ion: 99 Resp: 3024780
Ion Ratio Lower Upper
99 100
42 14.4 10.9 16.3
71 29.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:136 Resp: 990341
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.9 6.2 9.2
68 6.9 6.3 9.5

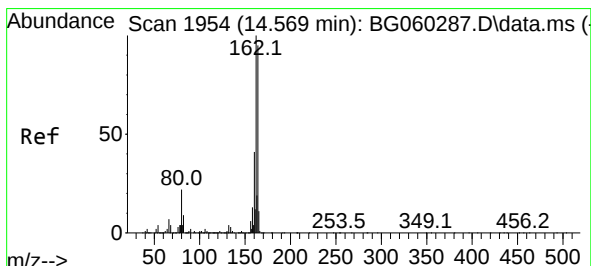
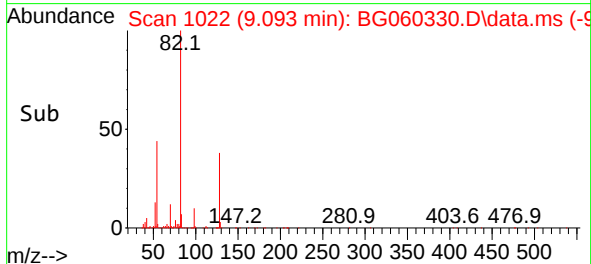
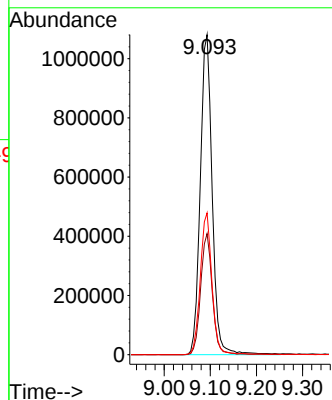
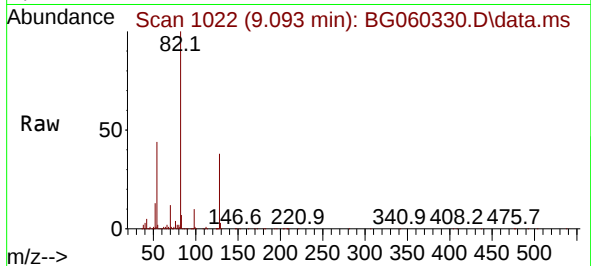




#23
Nitrobenzene-d5
Concen: 92.691 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

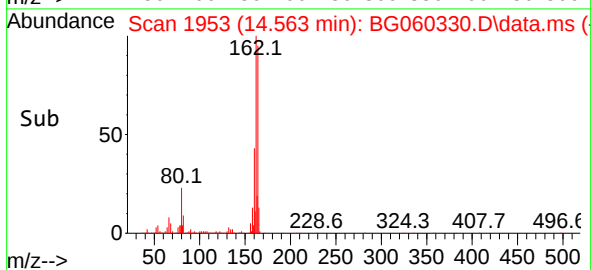
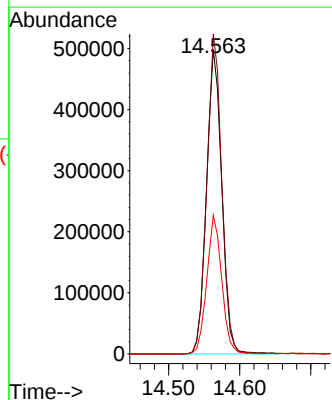
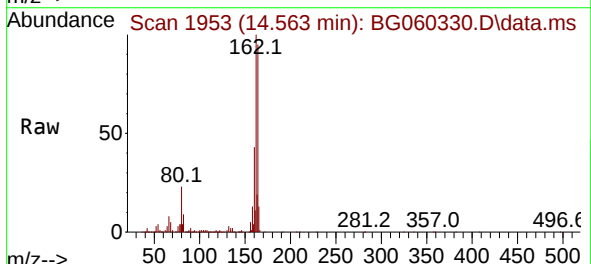
Instrument :
BNA_G
ClientSampleId :
PB158419BL

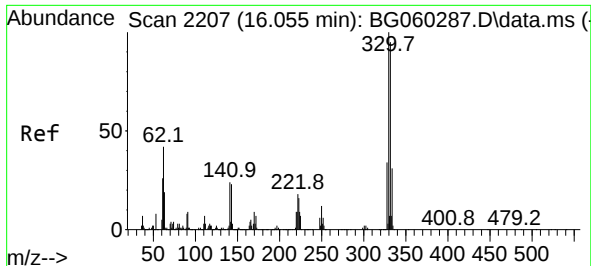
Tgt Ion: 82 Resp: 1943998
Ion Ratio Lower Upper
82 100
128 37.8 29.6 44.4
54 44.3 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:164 Resp: 743733
Ion Ratio Lower Upper
164 100
162 105.1 84.4 126.6
160 45.5 34.6 52.0

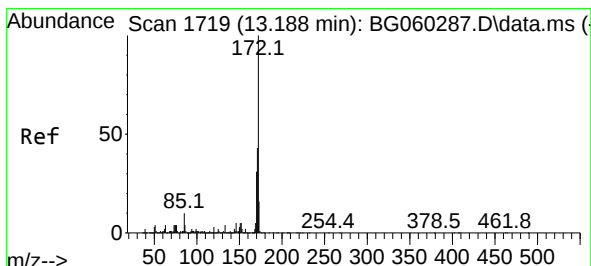
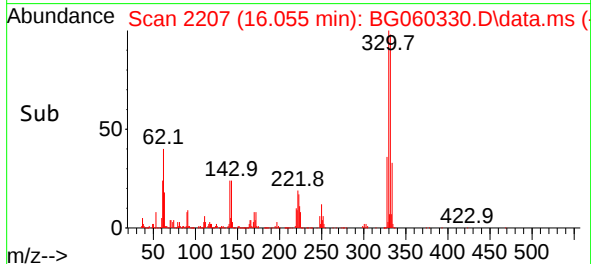
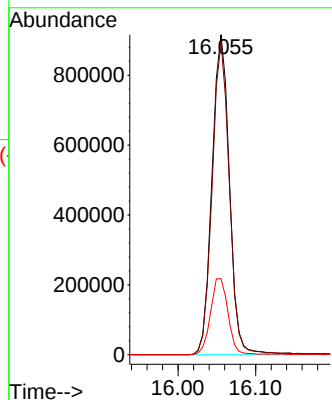
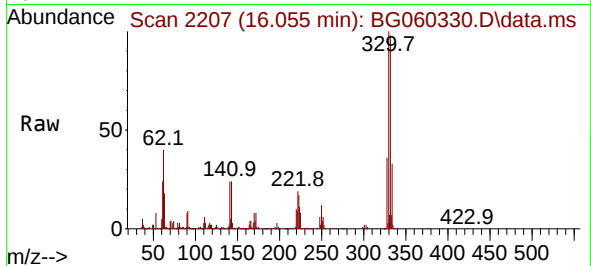




#42
2,4,6-Tribromophenol
Concen: 130.451 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

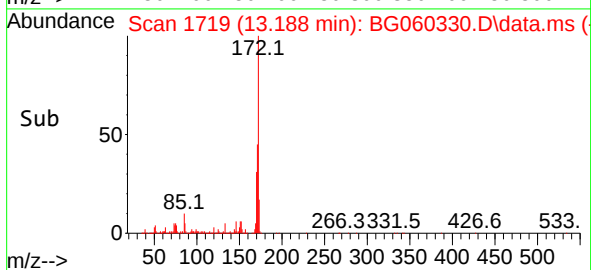
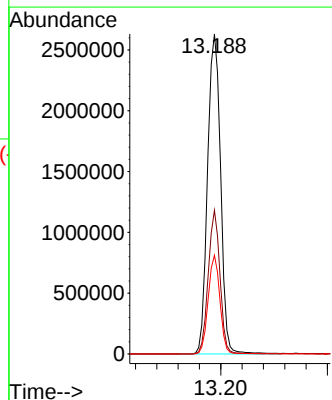
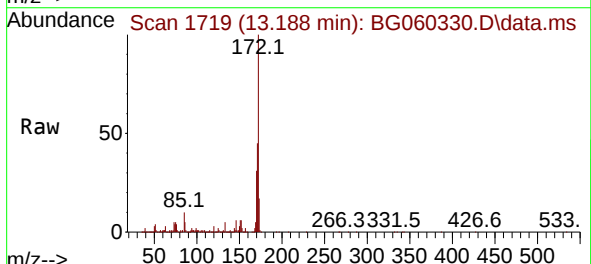
Instrument :
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ClientSampleId :
PB158419BL

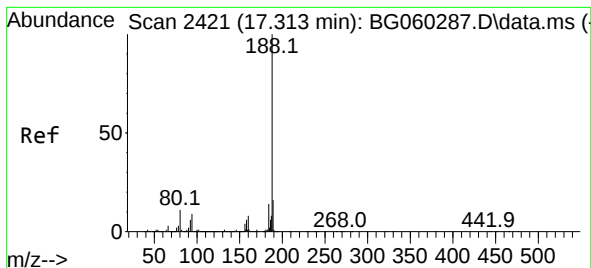
Tgt Ion:330 Resp: 1427453
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.276 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:172 Resp: 4454763
Ion Ratio Lower Upper
172 100
171 44.9 34.6 51.8
170 30.8 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: BG060330.D

Acq: 15 Jan 2024 12:45

Instrument :

BNA_G

ClientSampleId :

PB158419BL

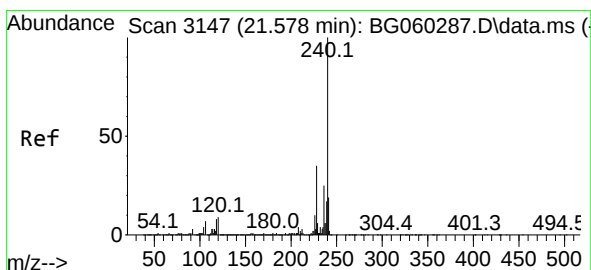
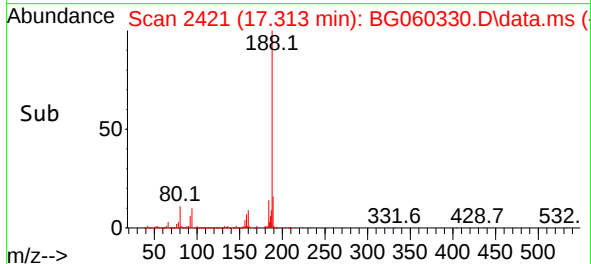
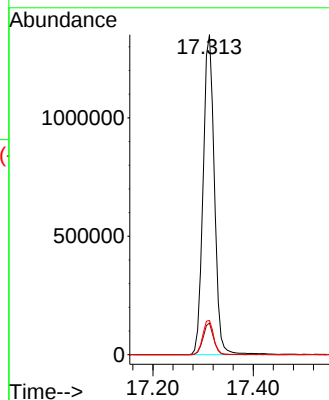
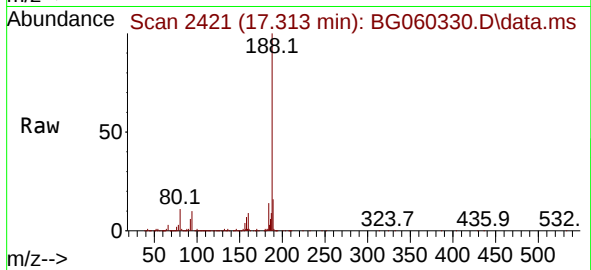
Tgt Ion:188 Resp: 2109180

Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

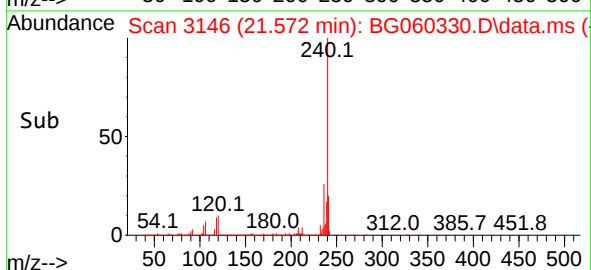
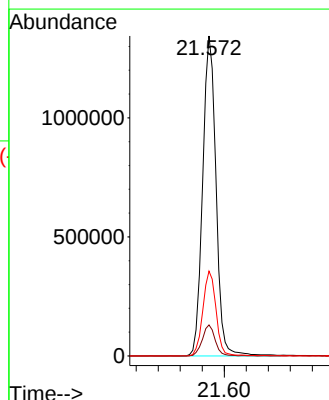
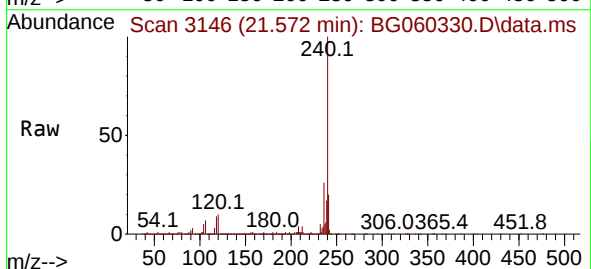
Tgt Ion:240 Resp: 2267110

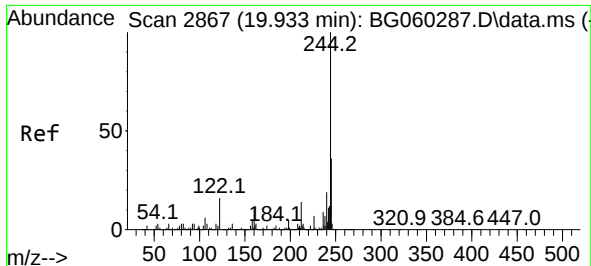
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 26.5 20.3 30.5

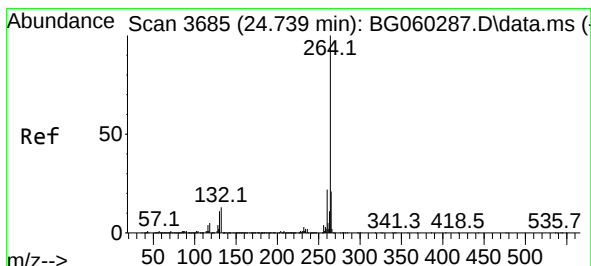
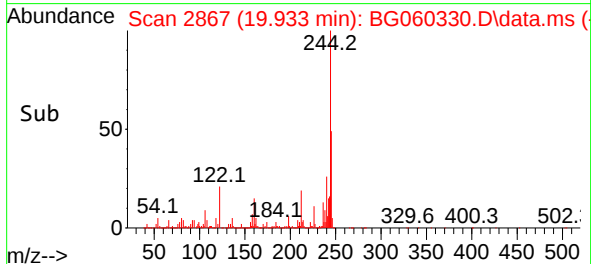
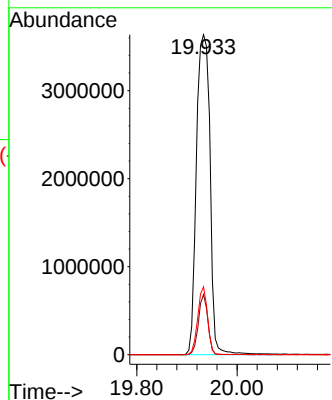
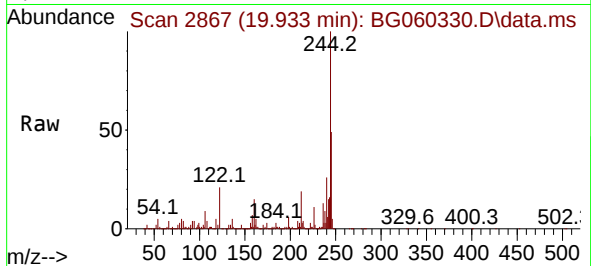




#79
 Terphenyl-d14
 Concen: 71.628 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060330.D
 Acq: 15 Jan 2024 12:45

Instrument :
 BNA_G
 ClientSampleId :
 PB158419BL

Tgt Ion:244 Resp: 6830258
 Ion Ratio Lower Upper
 244 100
 212 18.8 10.9 16.3#
 122 21.2 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.733 min Scan# 3684
 Delta R.T. -0.006 min
 Lab File: BG060330.D
 Acq: 15 Jan 2024 12:45

Tgt Ion:264 Resp: 2531238
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.6
 265 21.5 16.8 25.2

