

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060397.D
 Acq On : 23 Jan 2024 10:26
 Operator : MA/JU
 Sample : PB158566BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158566BL

Quant Time: Jan 23 10:59:22 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	216912	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	931135	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	811912	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2253644	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2099854	20.000	ng	0.00
86) Perylene-d12	24.744	264	2278887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1879097	142.487	ng	0.00
7) Phenol-d6	7.100	99	2746097	140.623	ng	0.00
23) Nitrobenzene-d5	9.092	82	1810982	91.839	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	1659740	138.942	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4630064	79.285	ng	0.00
79) Terphenyl-d14	19.932	244	6681597	77.711	ng	0.00

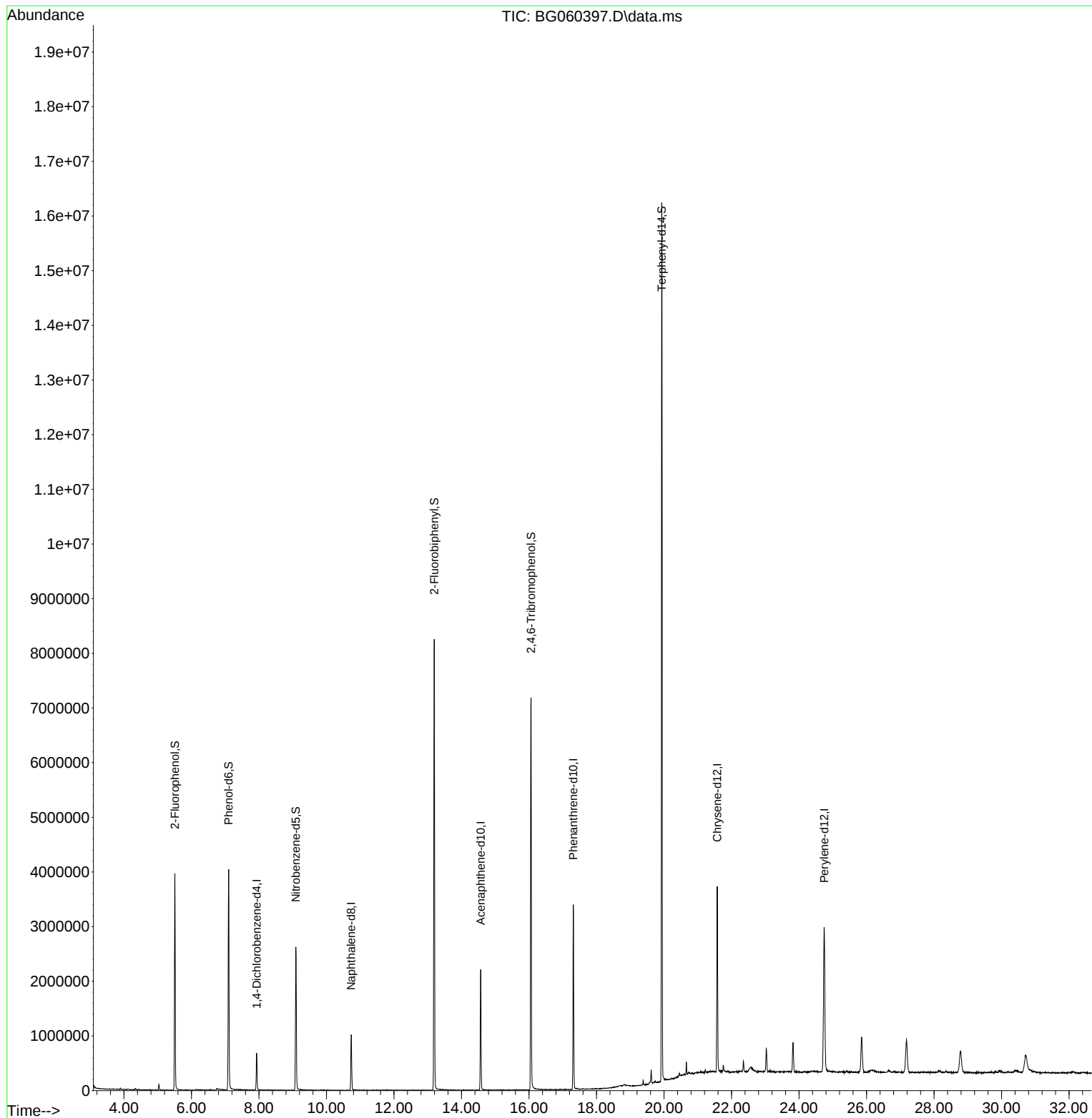
Target Compounds	Qvalue

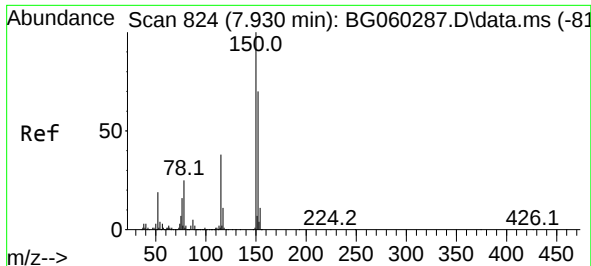
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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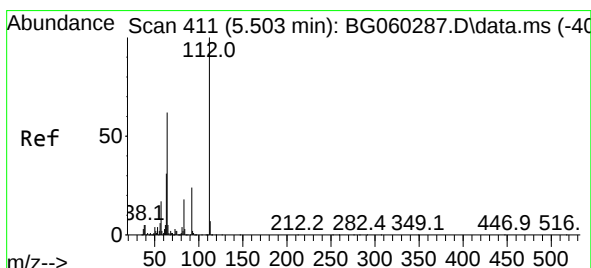
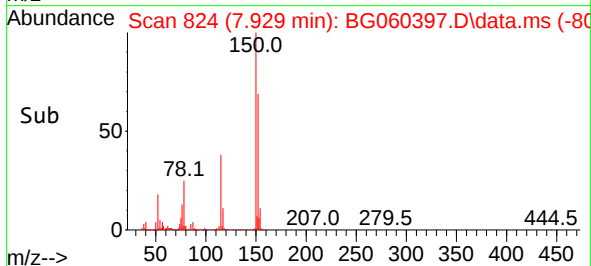
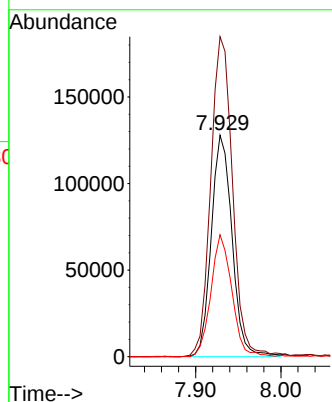
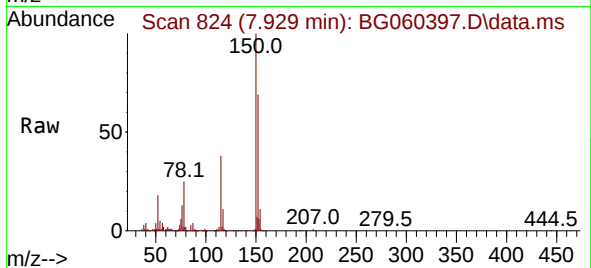




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

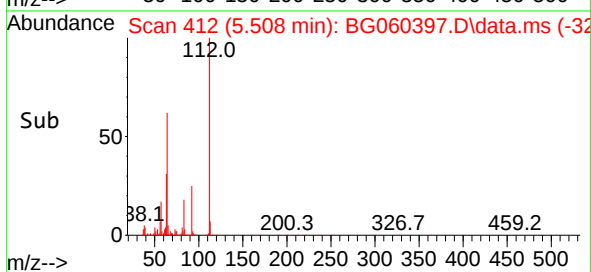
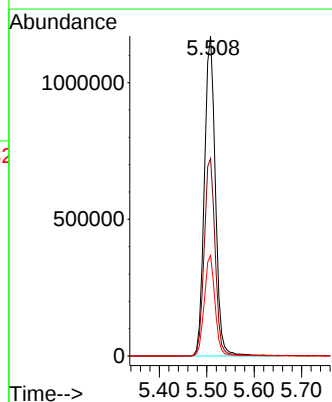
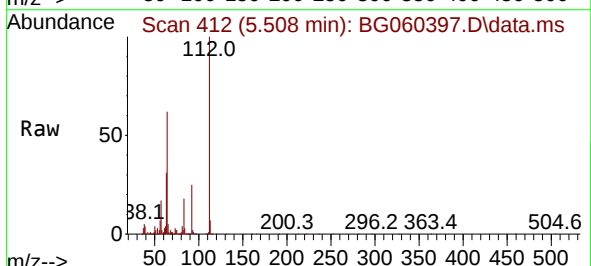
Instrument :
BNA_G
ClientSampleId :
PB158566BL

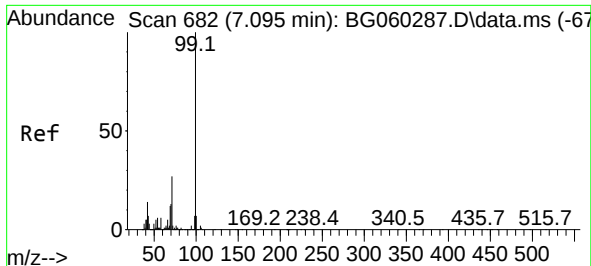
Tgt Ion:152 Resp: 216912
Ion Ratio Lower Upper
152 100
150 144.5 114.5 171.7
115 55.1 43.0 64.6



#5
2-Fluorophenol
Concen: 142.487 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:112 Resp: 1879097
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.4 24.4 36.6

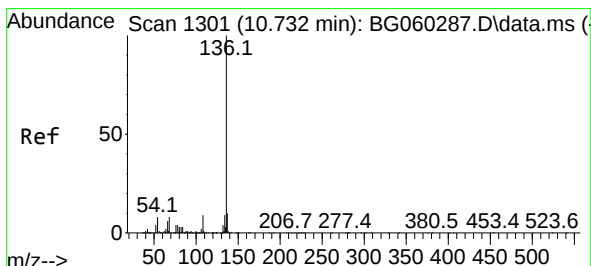
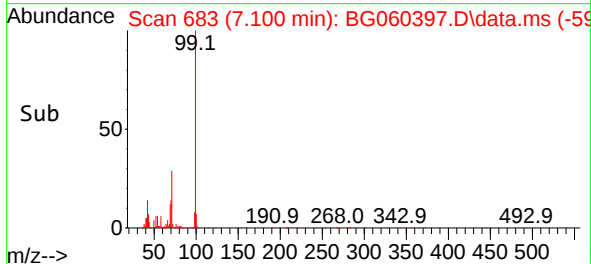
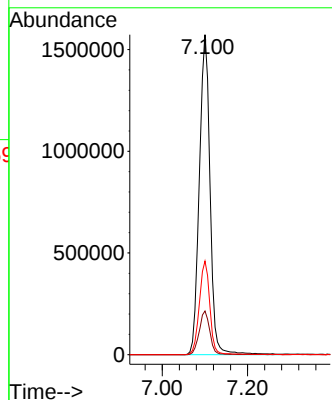
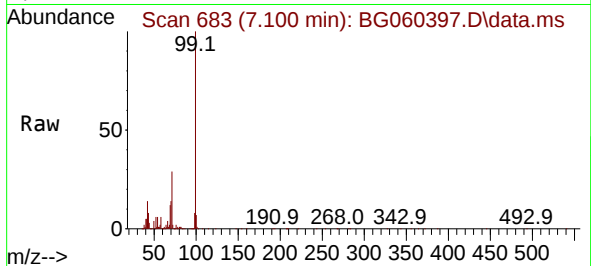




#7
Phenol-d6
Concen: 140.623 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

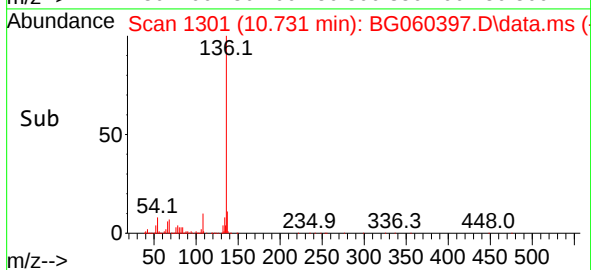
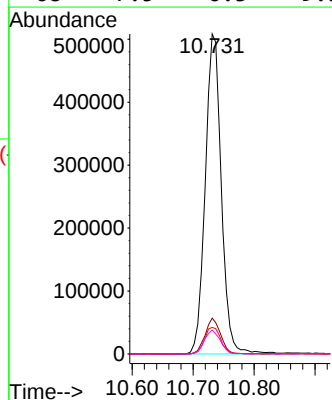
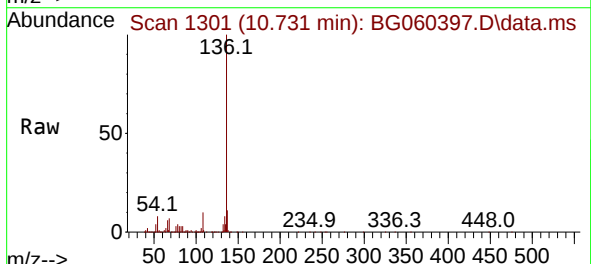
Instrument :
BNA_G
ClientSampleId :
PB158566BL

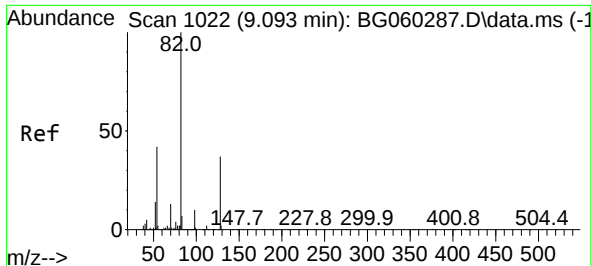
Tgt Ion: 99 Resp: 2746097
Ion Ratio Lower Upper
99 100
42 13.6 10.9 16.3
71 29.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:136 Resp: 931135
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.3 6.2 9.2
68 7.5 6.3 9.5

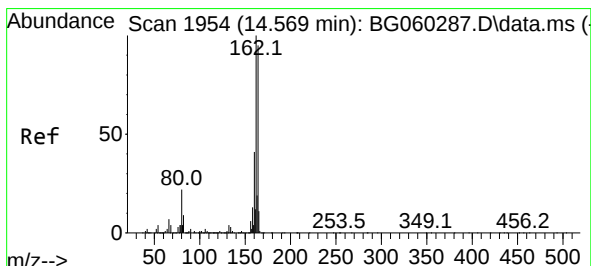
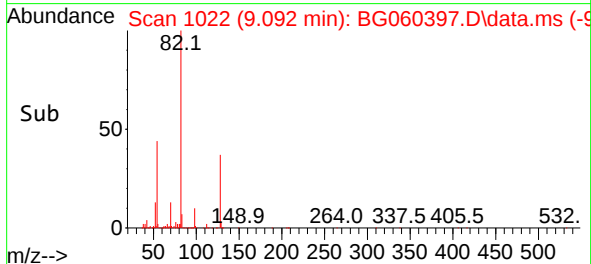
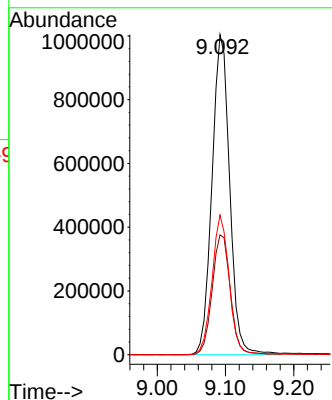
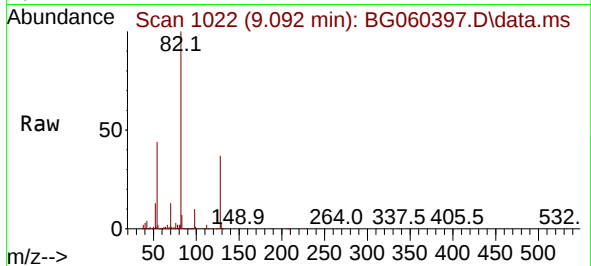




#23
Nitrobenzene-d5
Concen: 91.839 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

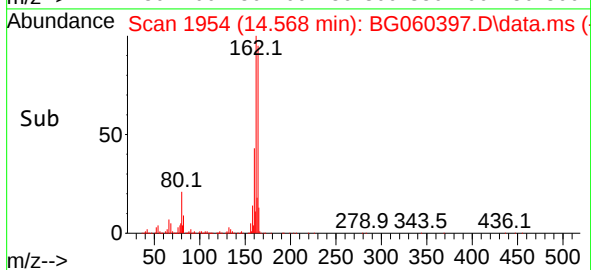
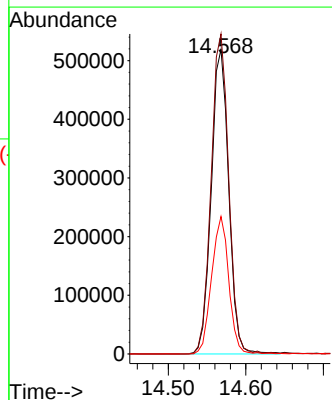
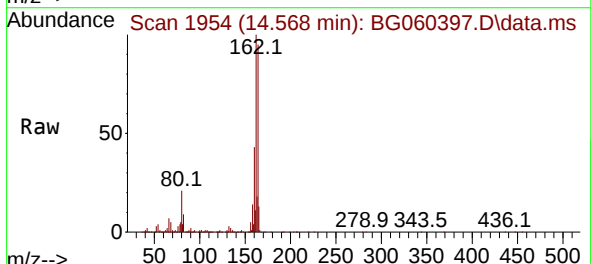
Instrument :
BNA_G
ClientSampleId :
PB158566BL

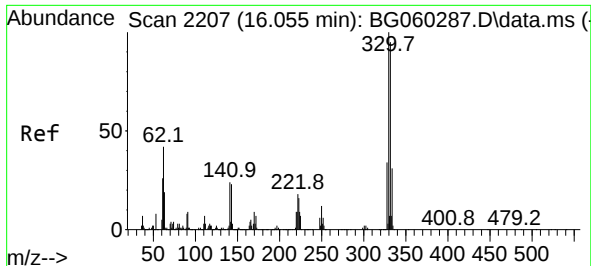
Tgt Ion: 82 Resp: 1810982
Ion Ratio Lower Upper
82 100
128 37.5 29.6 44.4
54 43.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:164 Resp: 811912
Ion Ratio Lower Upper
164 100
162 105.0 84.4 126.6
160 45.1 34.6 52.0

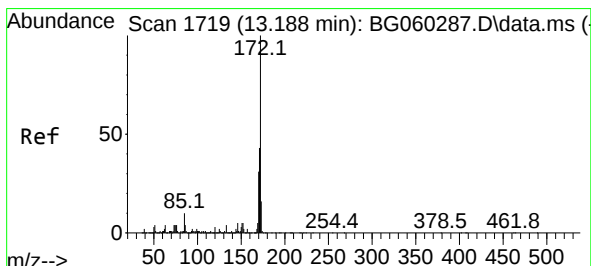
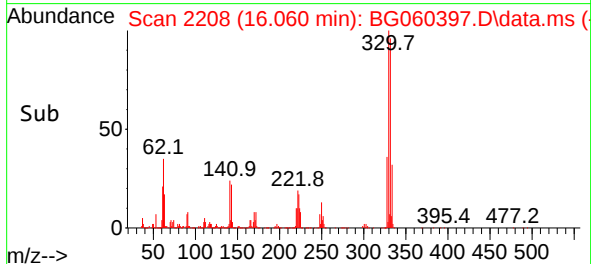
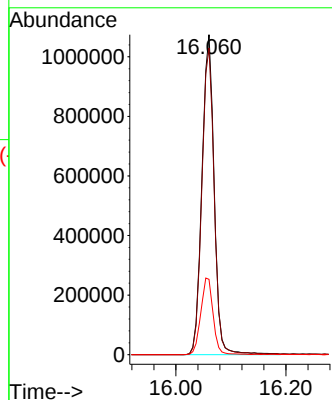
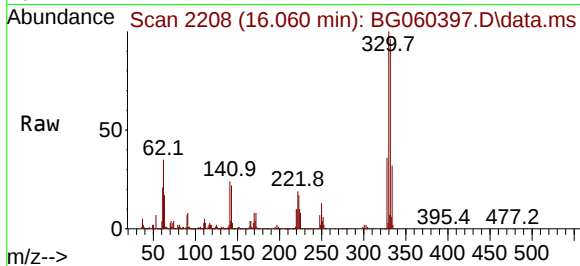




#42
2,4,6-Tribromophenol
Concen: 138.942 ng
RT: 16.060 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

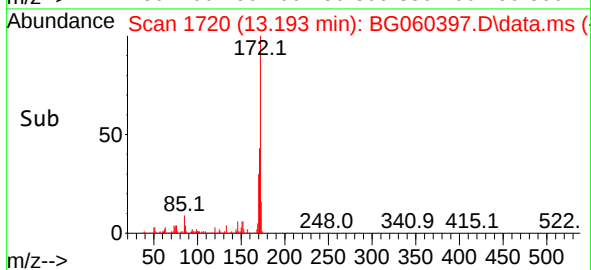
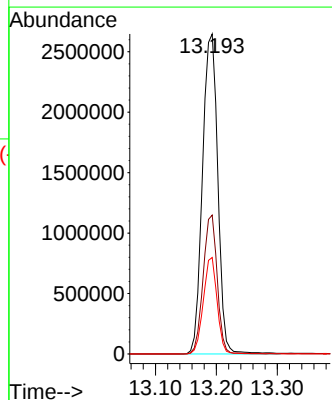
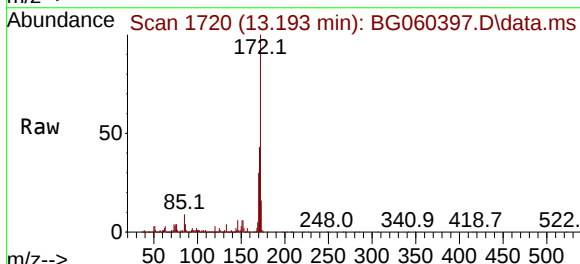
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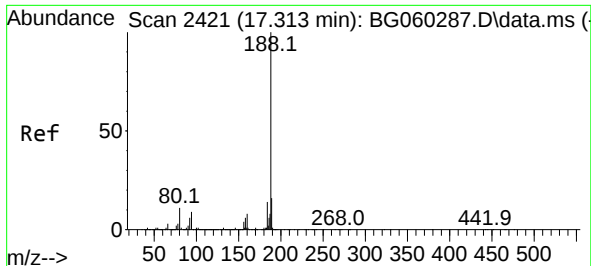
Tgt Ion:330 Resp: 1659740
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.285 ng
RT: 13.193 min Scan# 1720
Delta R.T. 0.005 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:172 Resp: 4630064
Ion Ratio Lower Upper
172 100
171 43.4 34.6 51.8
170 30.1 24.4 36.6

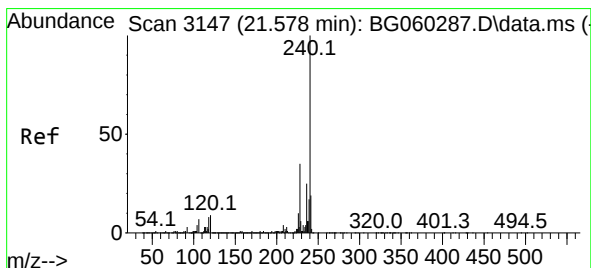
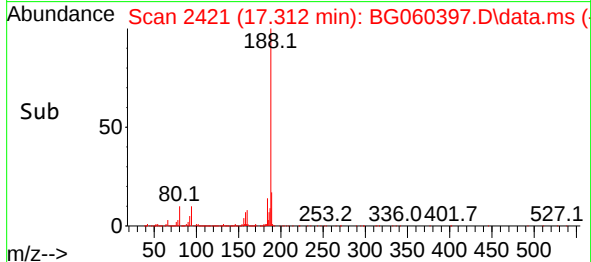
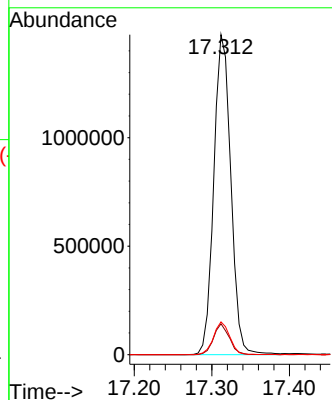
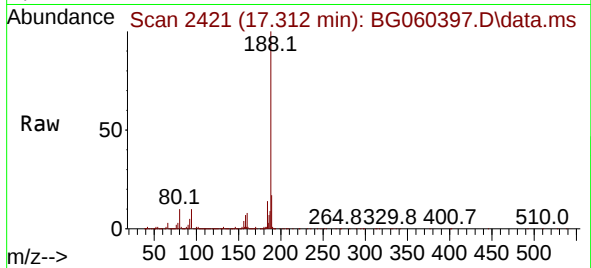




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

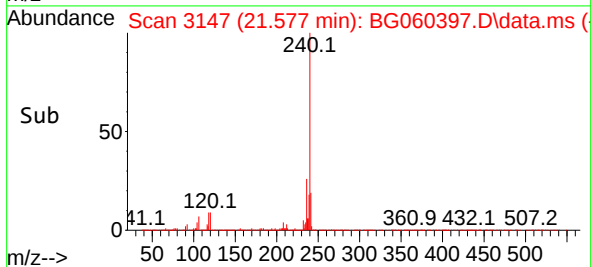
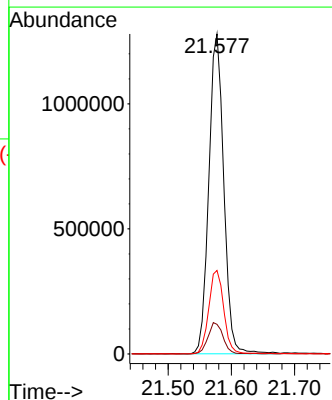
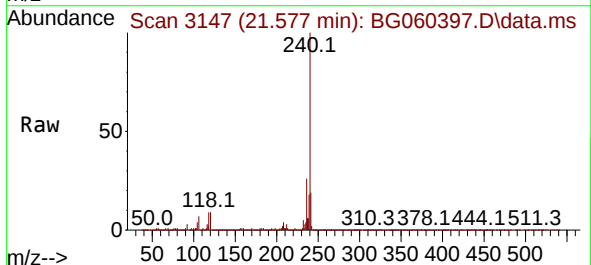
Instrument :
BNA_G
ClientSampleId :
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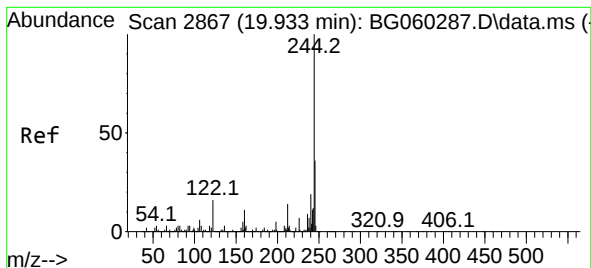
Tgt Ion:188 Resp: 2253644
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060397.D
Acq: 23 Jan 2024 10:26

Tgt Ion:240 Resp: 2099854
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 77.711 ng

RT: 19.932 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

Instrument :

BNA_G

ClientSampleId :

PB158566BL

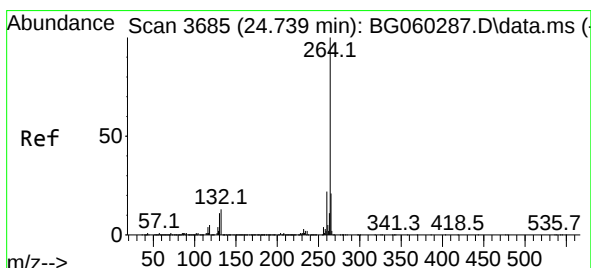
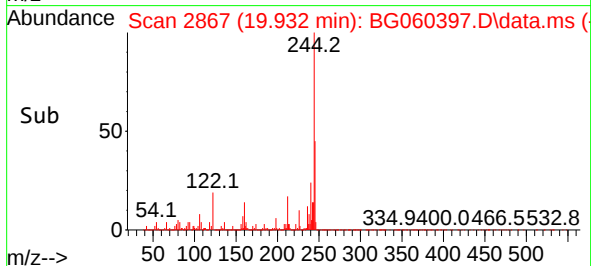
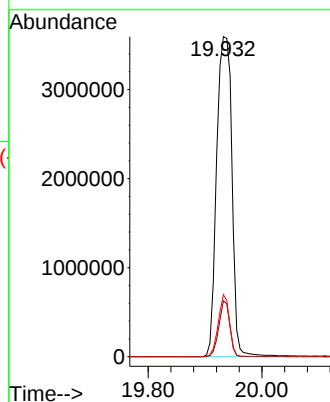
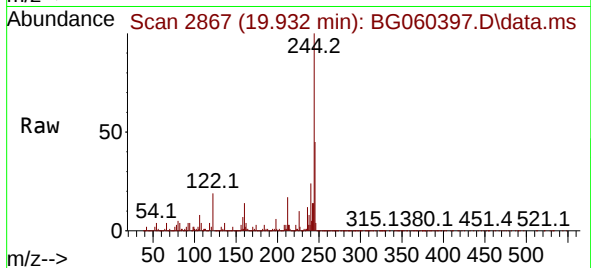
Tgt Ion:244 Resp: 6681597

Ion Ratio Lower Upper

244 100

212 17.4 10.9 16.3#

122 19.3 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.744 min Scan# 3686

Delta R.T. 0.005 min

Lab File: BG060397.D

Acq: 23 Jan 2024 10:26

Tgt Ion:264 Resp: 2278887

Ion Ratio Lower Upper

264 100

260 24.7 17.8 26.6

265 21.6 16.8 25.2

