

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060364.D
 Acq On : 19 Jan 2024 10:43
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158491BL

Quant Time: Jan 20 06:29:50 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	230400	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	958857	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	760001	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2182853	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2060804	20.000	ng	0.00
86) Perylene-d12	24.745	264	2227442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1714696	122.409	ng	0.00
7) Phenol-d6	7.101	99	2887762	139.220	ng	0.00
23) Nitrobenzene-d5	9.093	82	1911837	94.151	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1541912	137.895	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4432134	81.080	ng	0.00
79) Terphenyl-d14	19.939	244	6640289	79.218	ng	0.00

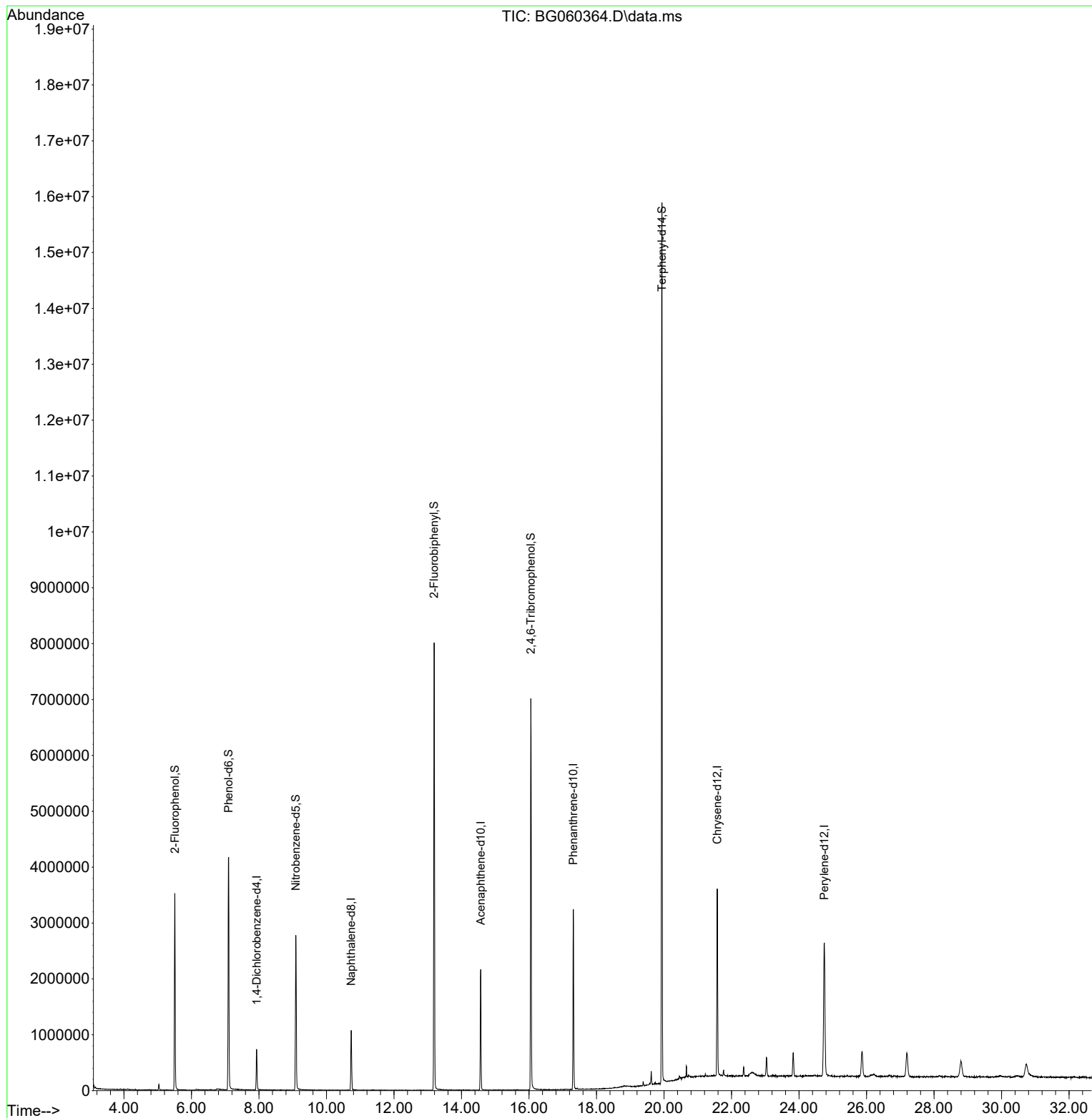
Target Compounds	Qvalue

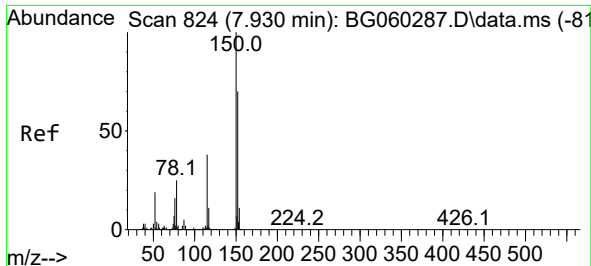
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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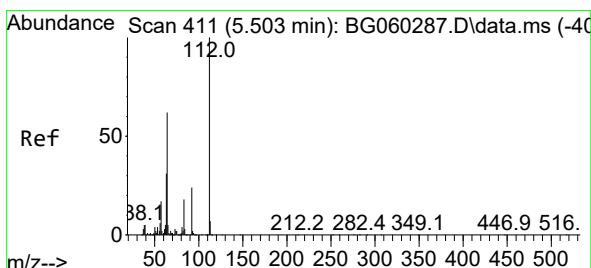
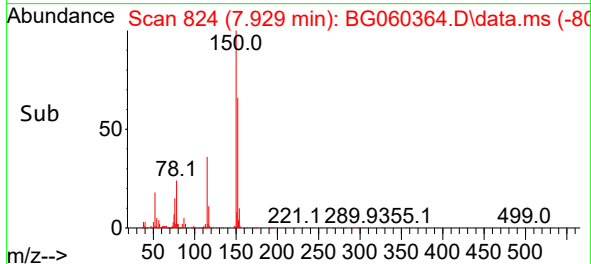
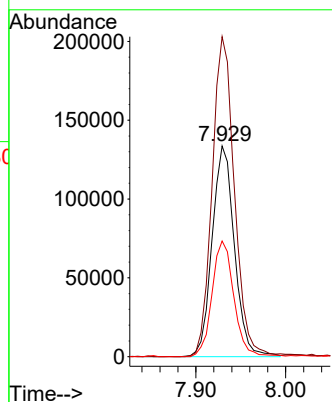
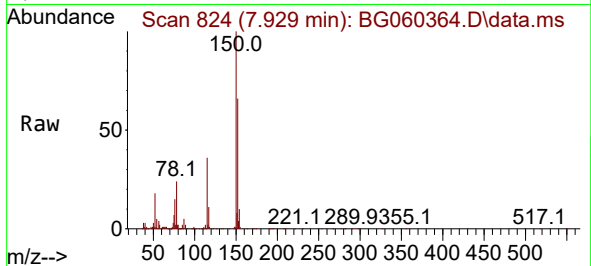




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

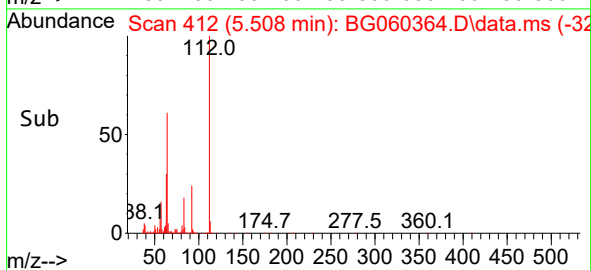
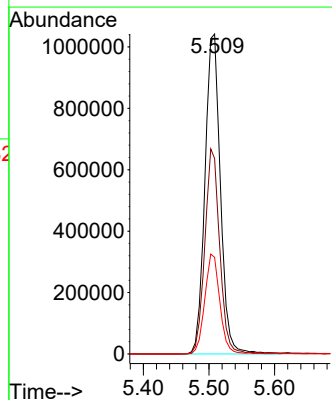
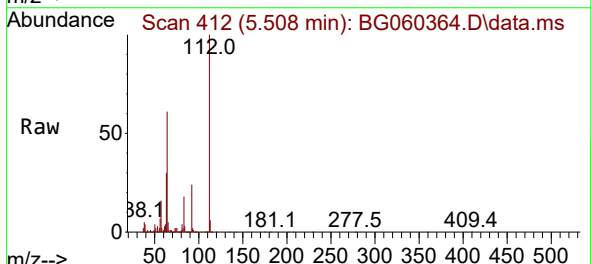
Instrument :
BNA_G
ClientSampleId :
PB158491BL

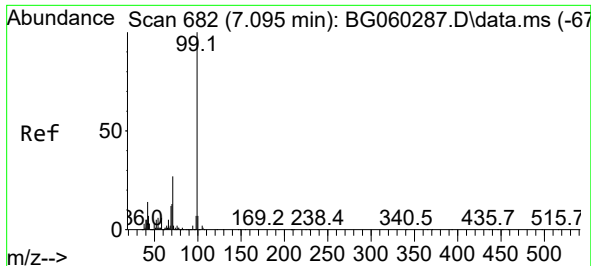
Tgt Ion:152 Resp: 230400
Ion Ratio Lower Upper
152 100
150 151.8 114.5 171.7
115 54.9 43.0 64.6



#5
2-Fluorophenol
Concen: 122.409 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:112 Resp: 1714696
Ion Ratio Lower Upper
112 100
64 61.1 49.8 74.6
63 30.2 24.4 36.6

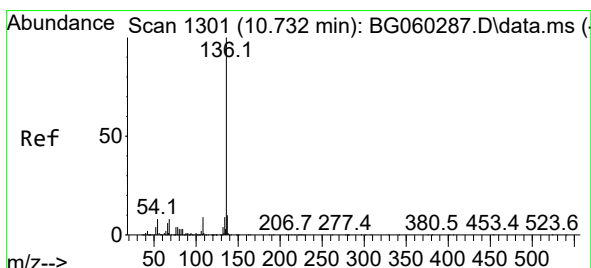
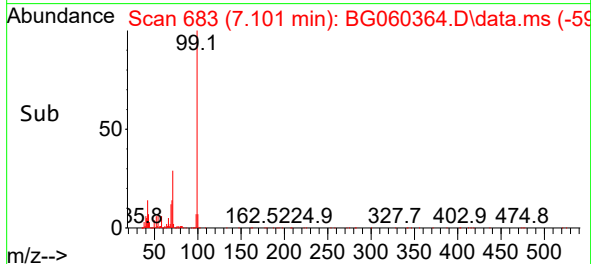
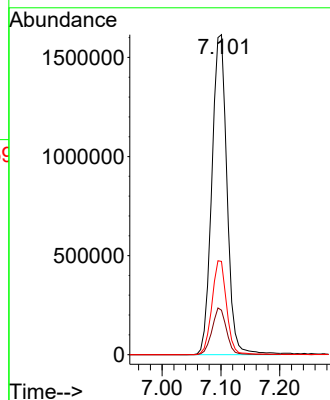
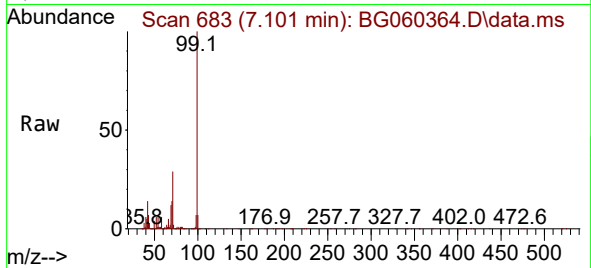




#7
Phenol-d6
Concen: 139.220 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

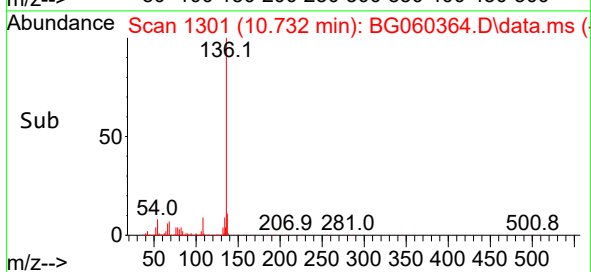
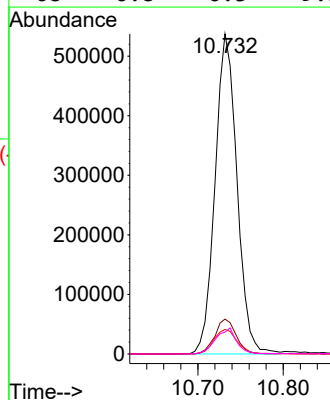
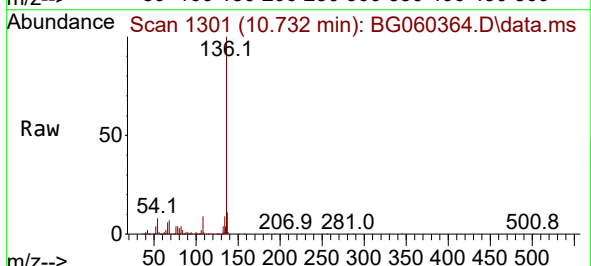
Instrument :
BNA_G
ClientSampleId :
PB158491BL

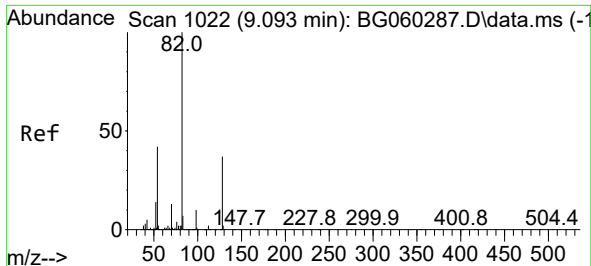
Tgt Ion: 99 Resp: 2887762
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 29.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:136 Resp: 958857
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 7.6 6.2 9.2
68 6.8 6.3 9.5

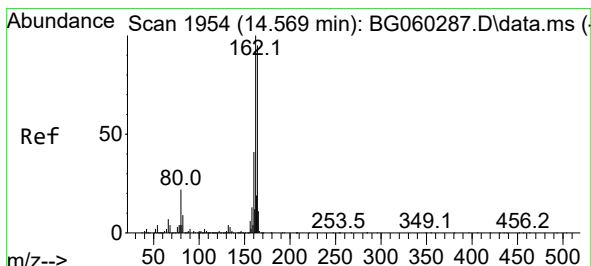
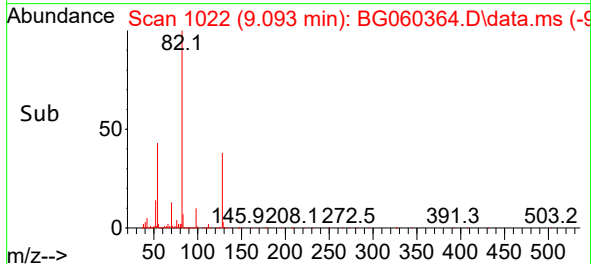
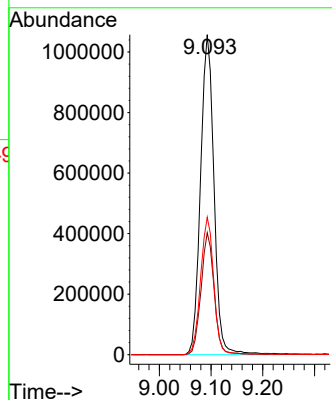
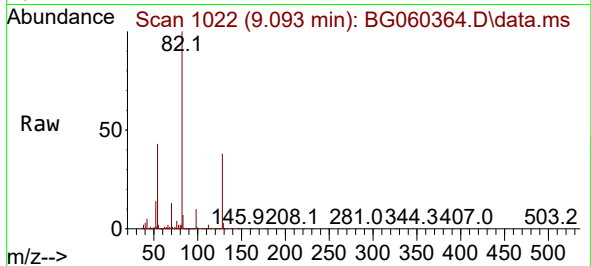




#23
Nitrobenzene-d5
Concen: 94.151 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

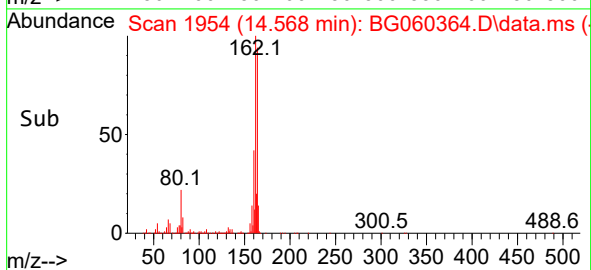
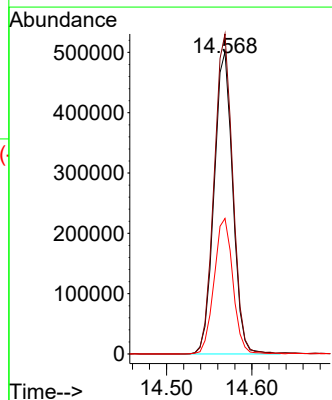
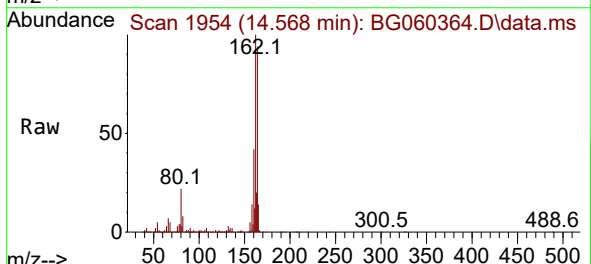
Instrument :
BNA_G
ClientSampleId :
PB158491BL

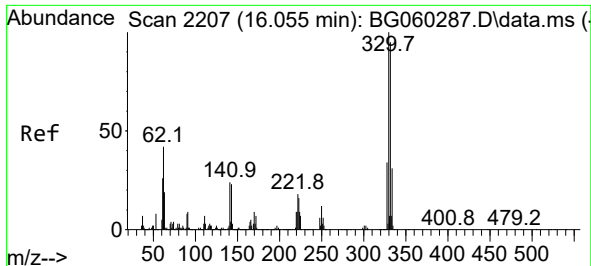
Tgt Ion: 82 Resp: 1911837
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 43.0 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:164 Resp: 760001
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 44.9 34.6 52.0

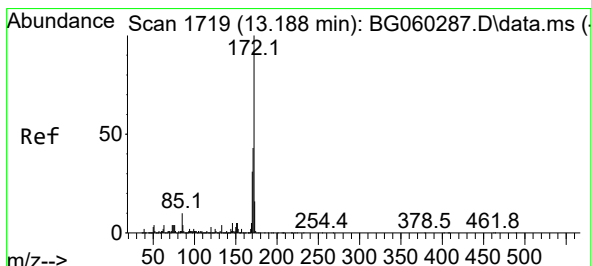
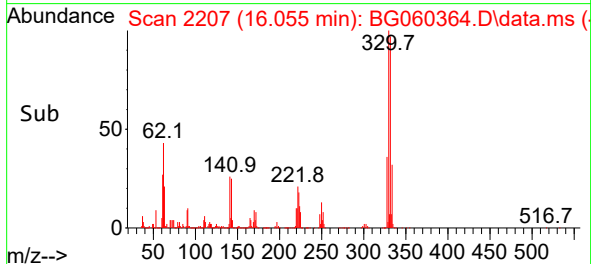
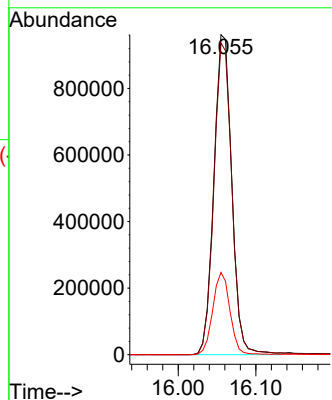
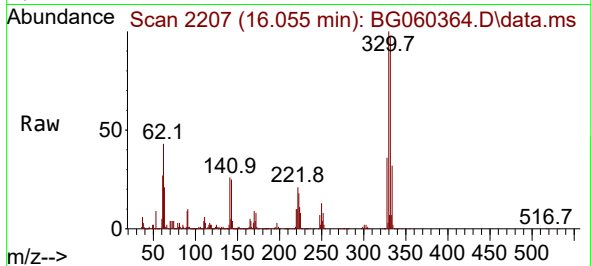




#42
2,4,6-Tribromophenol
Concen: 137.895 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

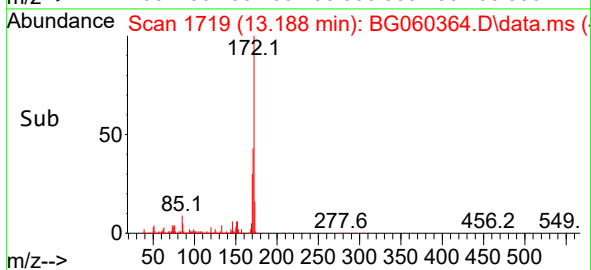
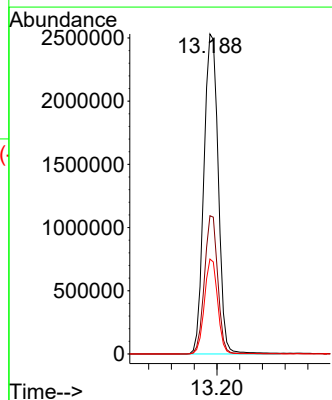
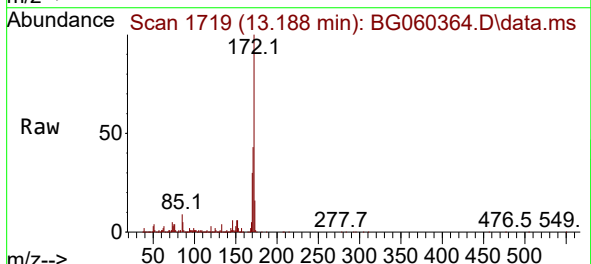
Instrument :
BNA_G
ClientSampleId :
PB158491BL

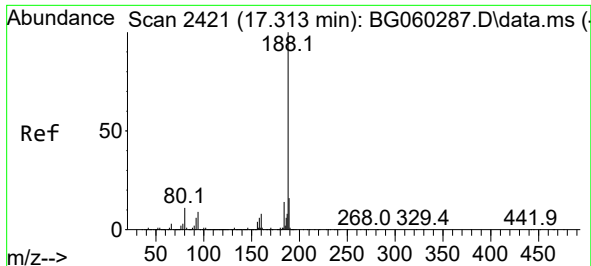
Tgt Ion:330 Resp: 1541912
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 24.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.080 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:172 Resp: 4432134
Ion Ratio Lower Upper
172 100
171 43.2 34.6 51.8
170 29.6 24.4 36.6

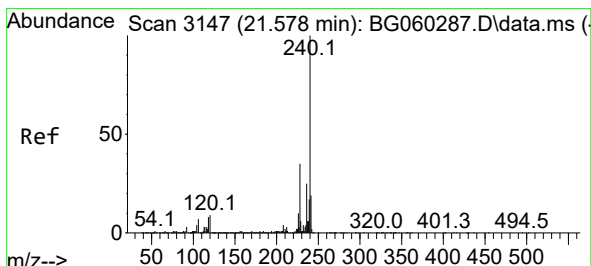
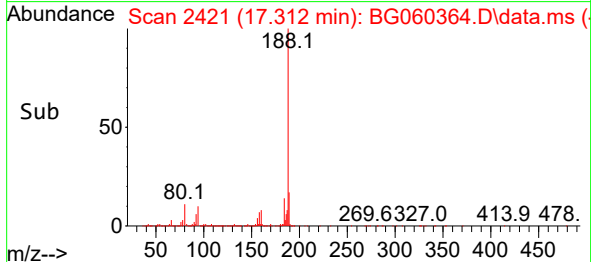
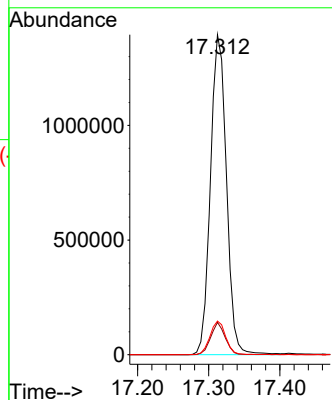
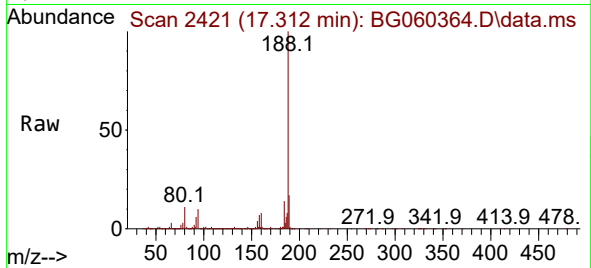




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

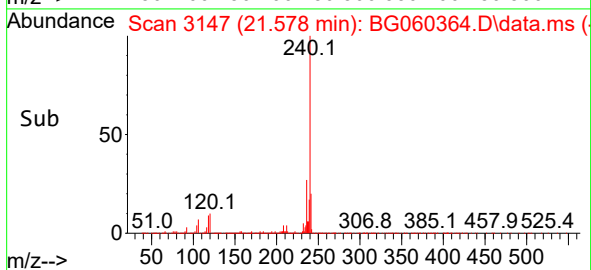
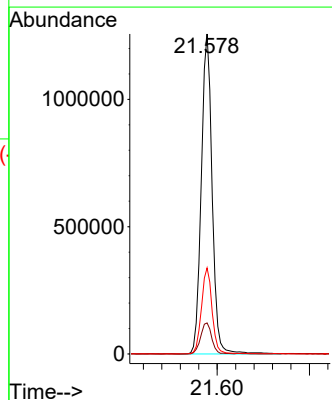
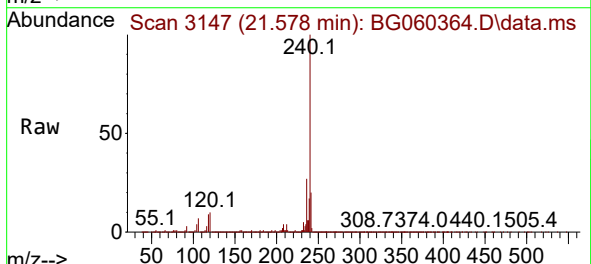
Instrument :
BNA_G
ClientSampleId :
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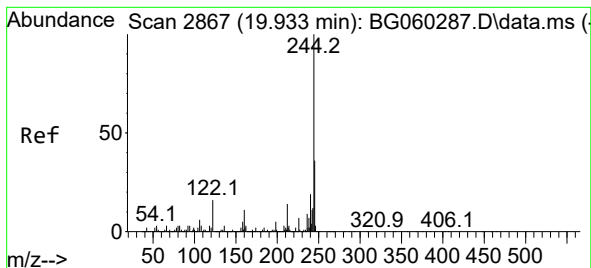
Tgt Ion:188 Resp: 2182853
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 10.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:240 Resp: 2060804
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.9 20.3 30.5





#79

Terphenyl-d14

Concen: 79.218 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG060364.D

Acq: 19 Jan 2024 10:43

Instrument :

BNA_G

ClientSampleId :

PB158491BL

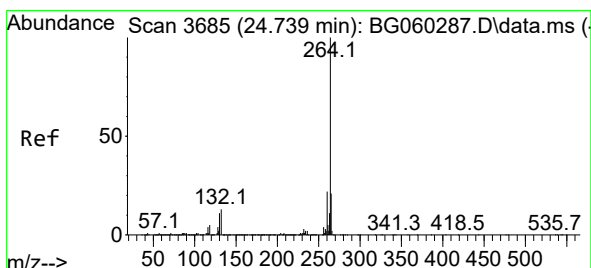
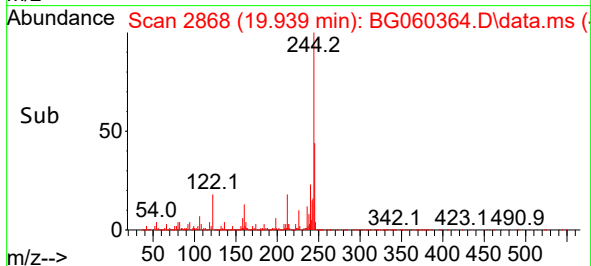
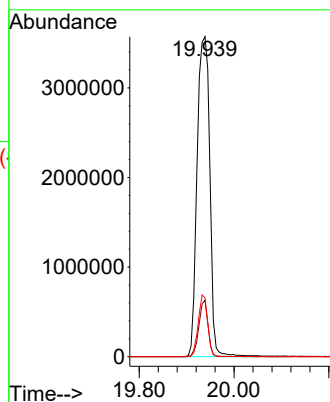
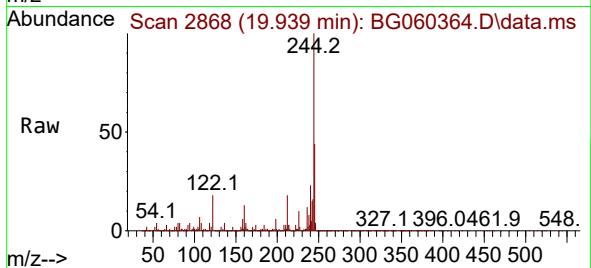
Tgt Ion:244 Resp: 6640289

Ion Ratio Lower Upper

244 100

212 17.7 10.9 16.3#

122 18.4 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: BG060364.D

Acq: 19 Jan 2024 10:43

Tgt Ion:264 Resp: 2227442

Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.6

265 21.0 16.8 25.2

