

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060371.D
 Acq On : 19 Jan 2024 16:20
 Operator : MA/JU
 Sample : P1181-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-011824

Quant Time: Jan 20 06:32:59 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	7.931	152	262366	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	938726	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	709494	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1675400	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1472603	20.000	ng	0.00
86) Perylene-d12	24.747	264	1685399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1810254	113.486	ng	0.00
7) Phenol-d6	7.091	99	2608057	110.416	ng	0.00
23) Nitrobenzene-d5	9.089	82	1575932	79.273	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1121907	107.476	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	3432343	67.260	ng	0.00
79) Terphenyl-d14	19.935	244	4854213	82.062	ng	0.00

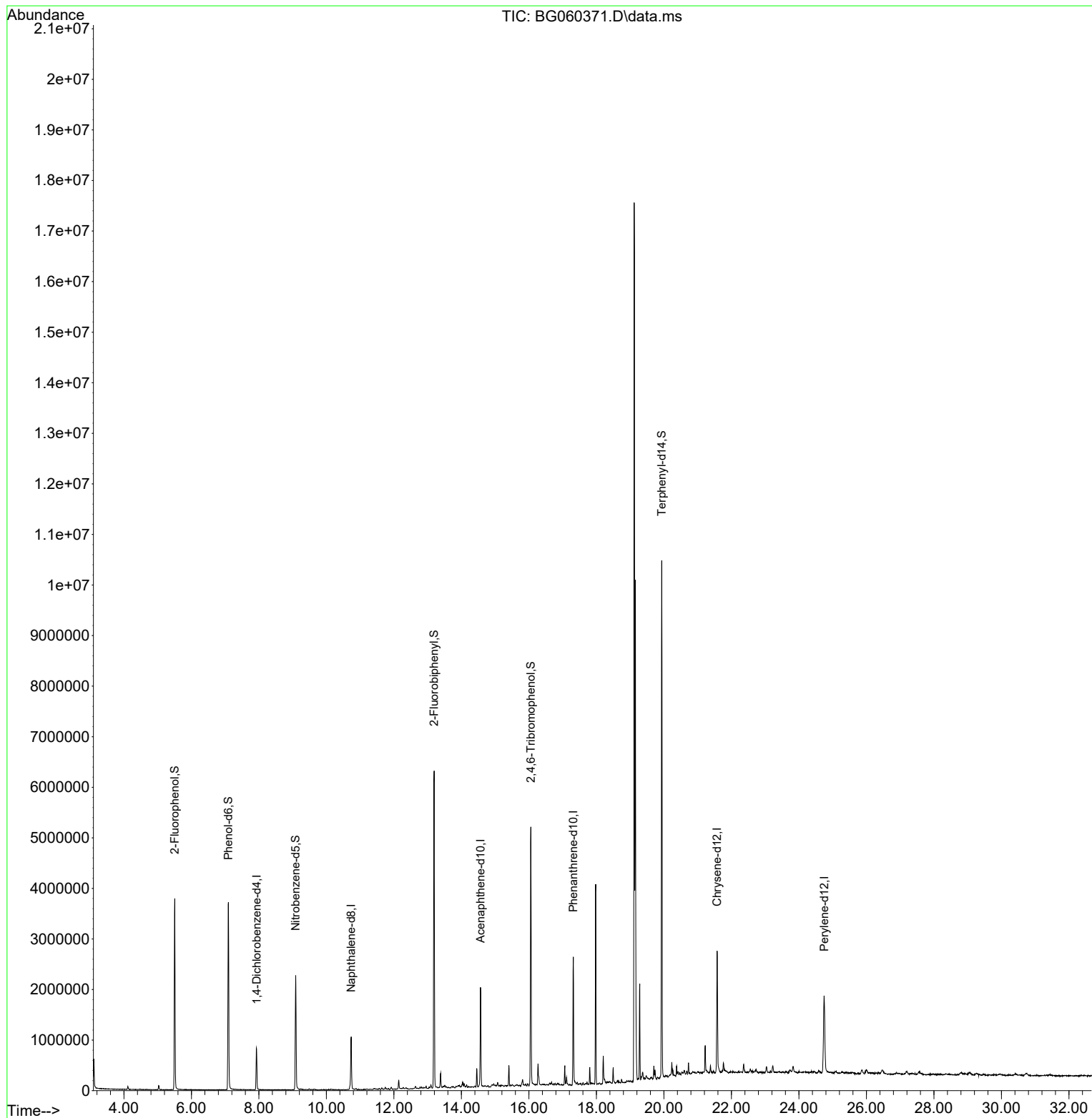
Target Compounds	Qvalue

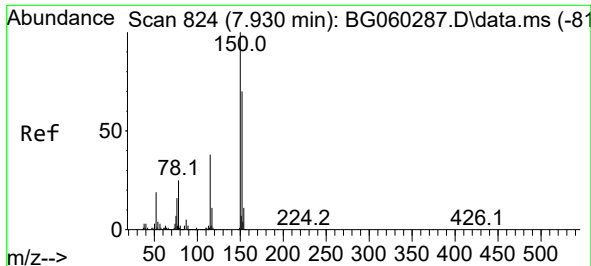
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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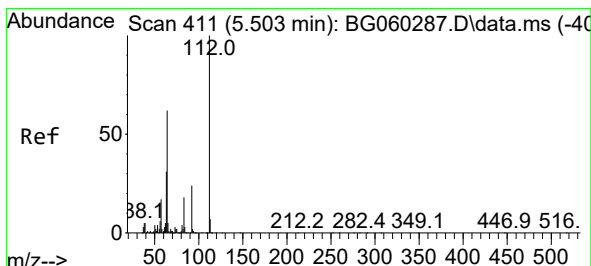
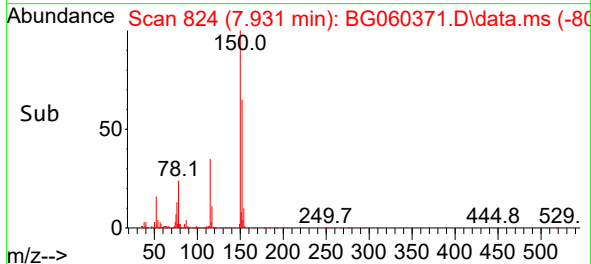
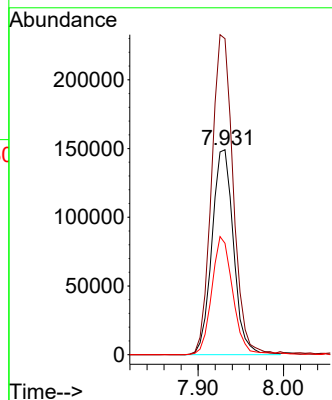
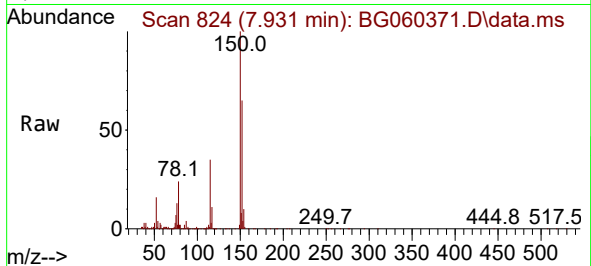




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 824
Delta R.T. 0.001 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

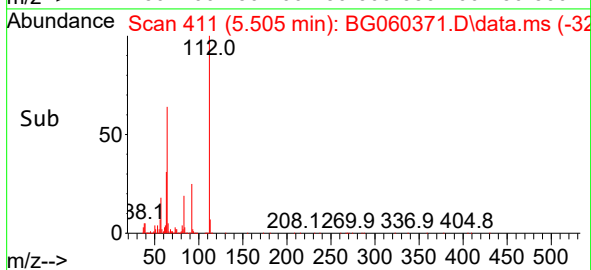
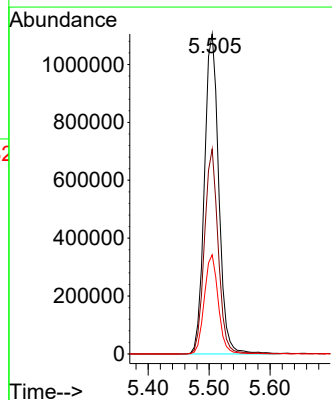
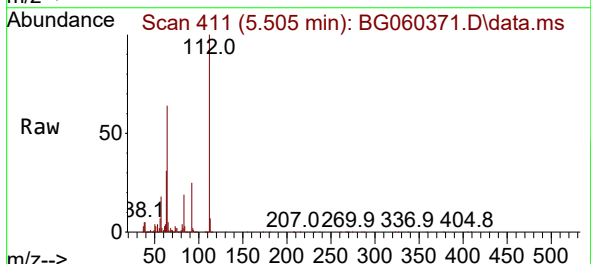
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

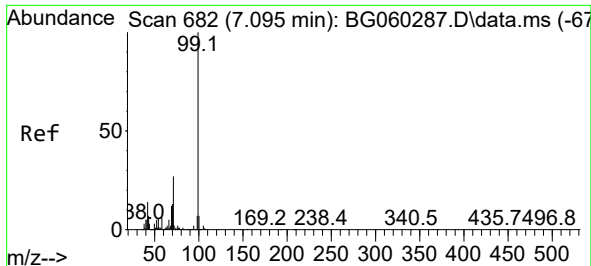
Tgt Ion:152 Resp: 262366
Ion Ratio Lower Upper
152 100
150 154.2 114.5 171.7
115 54.4 43.0 64.6



#5
2-Fluorophenol
Concen: 113.486 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:112 Resp: 1810254
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 31.0 24.4 36.6

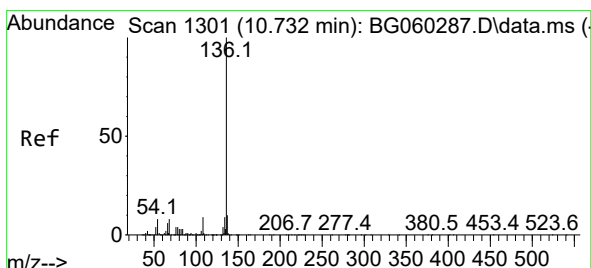
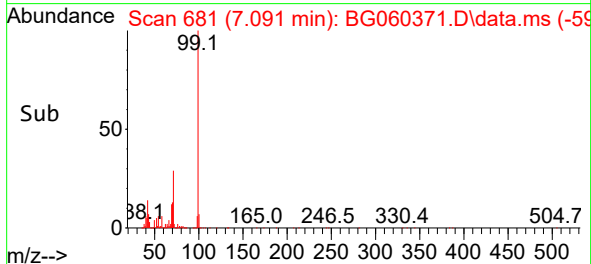
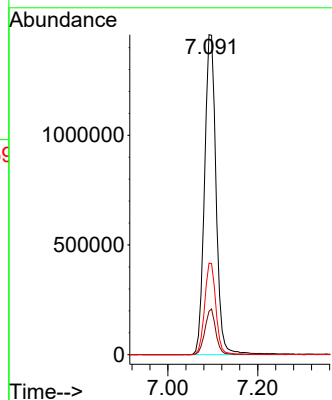
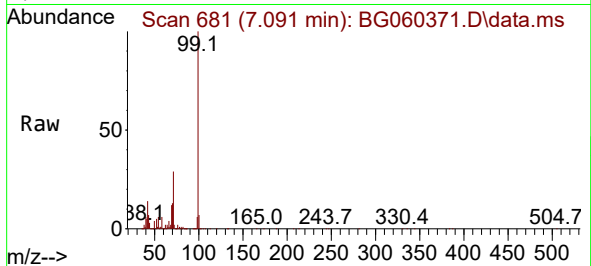




#7
Phenol-d6
Concen: 110.416 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

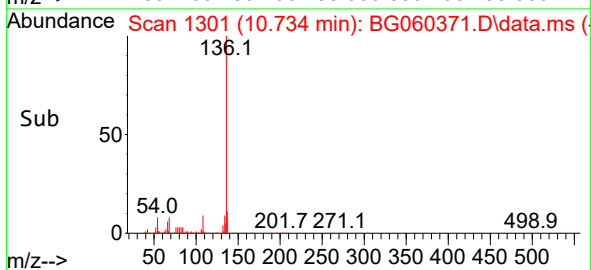
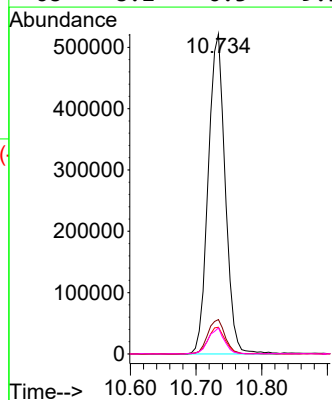
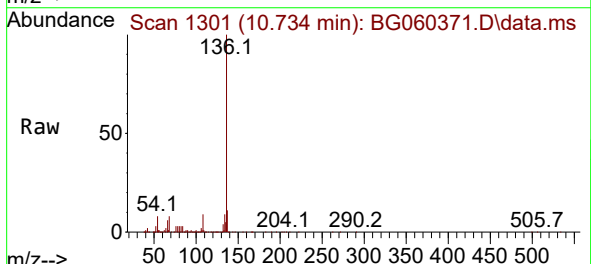
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

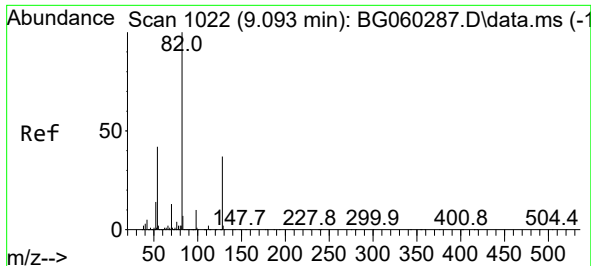
Tgt Ion: 99 Resp: 2608057
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 28.6 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion: 136 Resp: 938726
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.3 6.2 9.2
68 8.2 6.3 9.5





#23

Nitrobenzene-d5

Concen: 79.273 ng

RT: 9.089 min Scan# 1022

Delta R.T. -0.004 min

Lab File: BG060371.D

Acq: 19 Jan 2024 16:20

Instrument :

BNA_G

ClientSampleId :

TR-05-011824

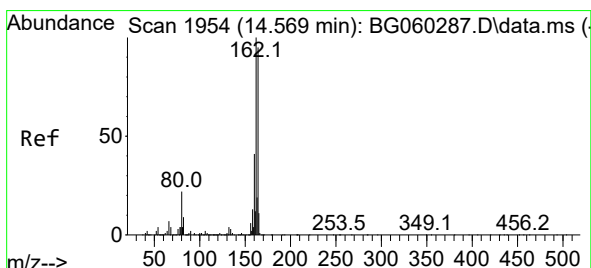
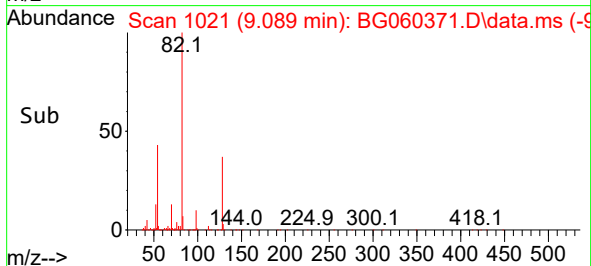
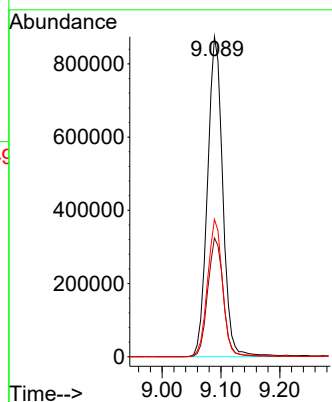
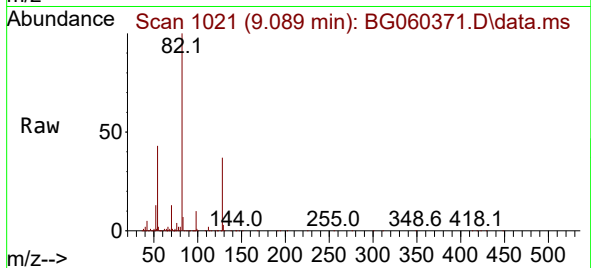
Tgt Ion: 82 Resp: 1575932

Ion Ratio Lower Upper

82 100

128 37.1 29.6 44.4

54 42.9 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.004 min

Lab File: BG060371.D

Acq: 19 Jan 2024 16:20

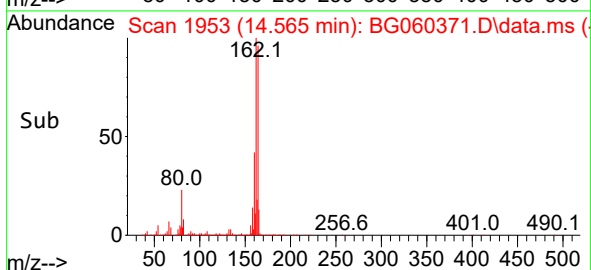
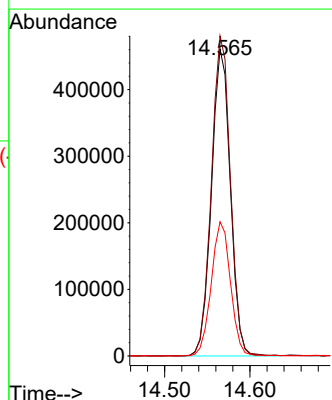
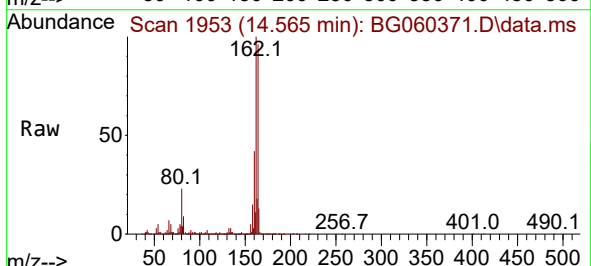
Tgt Ion:164 Resp: 709494

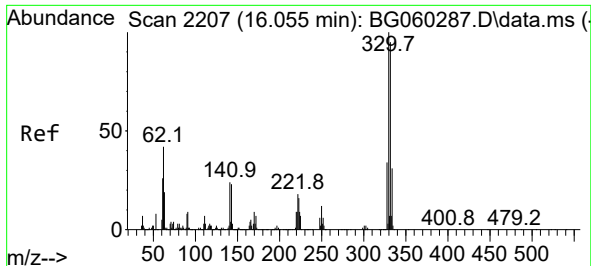
Ion Ratio Lower Upper

164 100

162 104.2 84.4 126.6

160 43.7 34.6 52.0

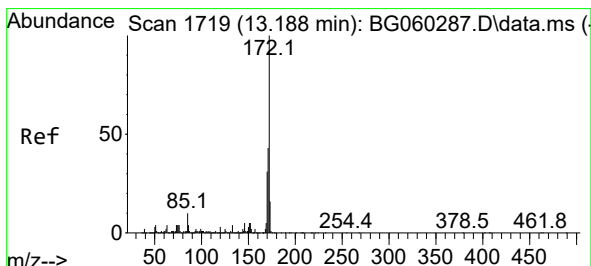
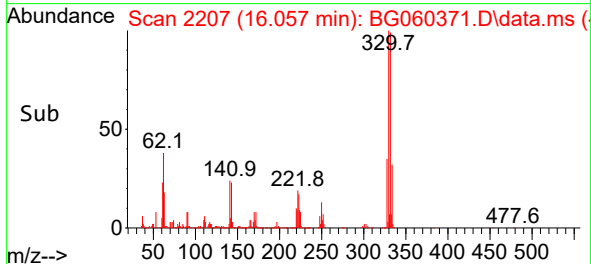
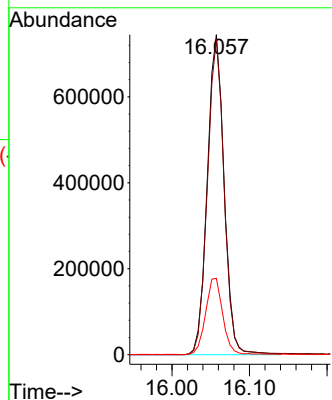
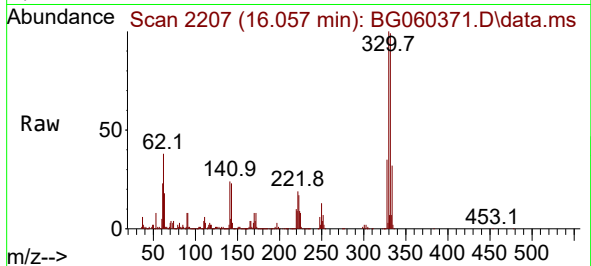




#42
2,4,6-Tribromophenol
Concen: 107.476 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

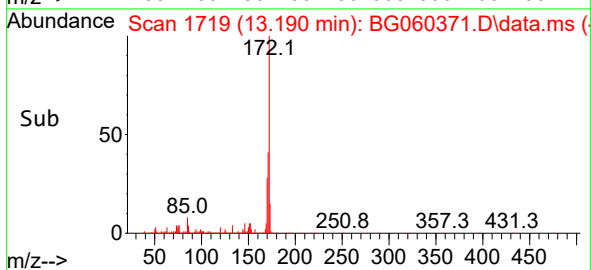
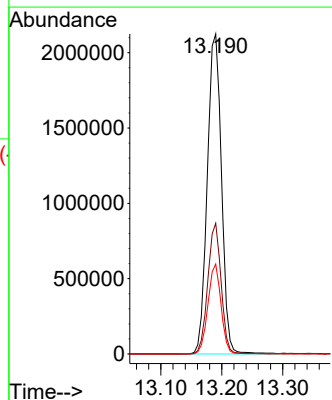
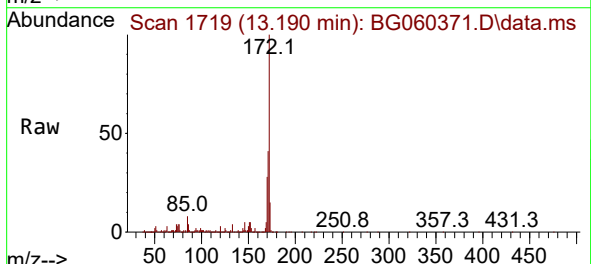
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

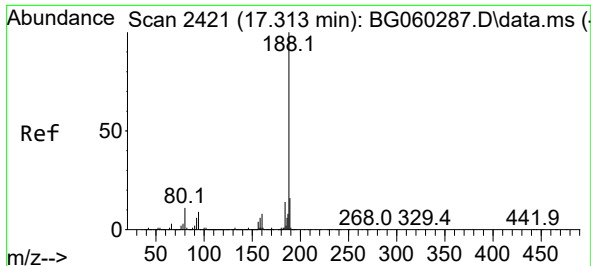
Tgt Ion:330 Resp: 1121907
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 24.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 67.260 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:172 Resp: 3432343
Ion Ratio Lower Upper
172 100
171 40.9 34.6 51.8
170 28.1 24.4 36.6

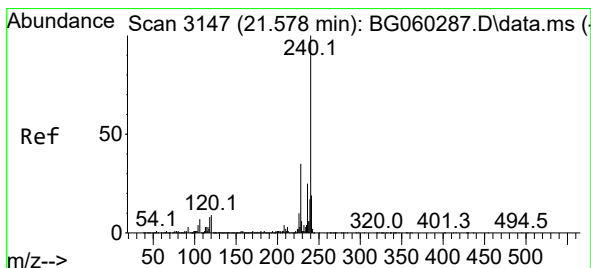
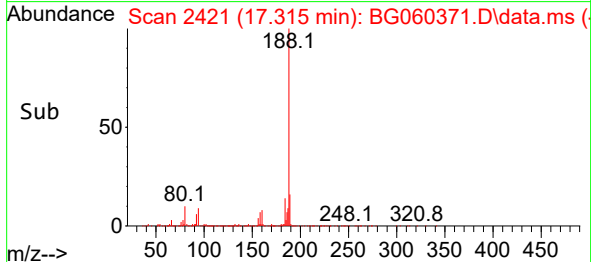
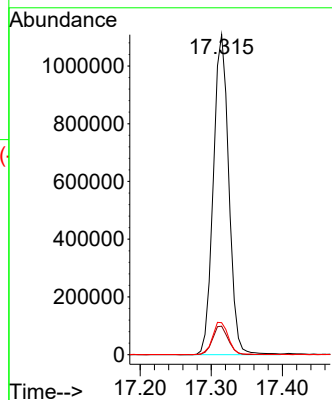
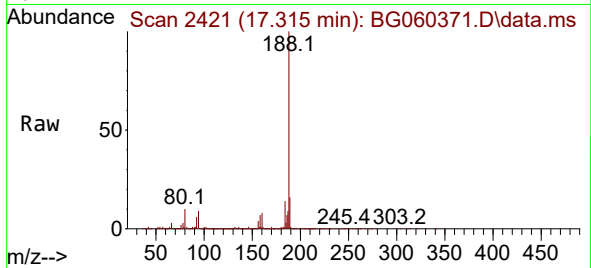




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

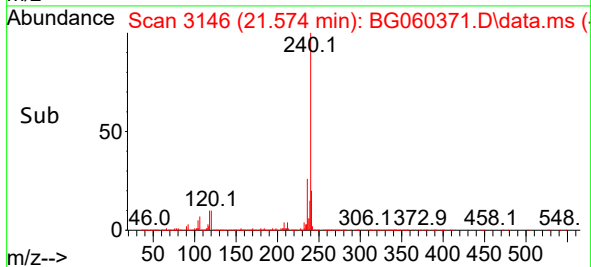
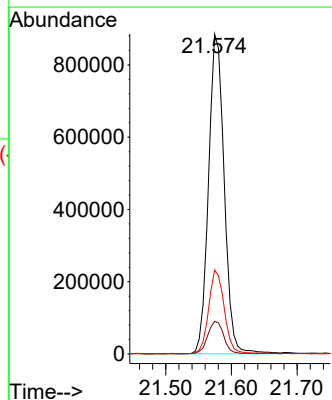
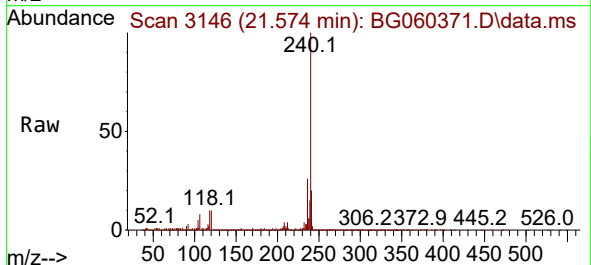
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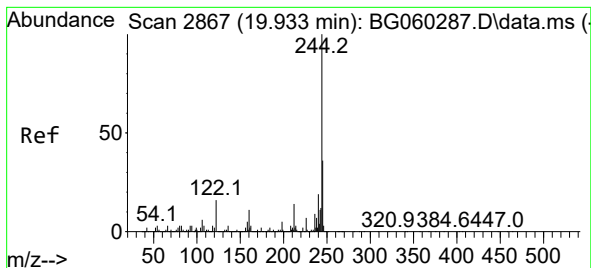
Tgt Ion:188 Resp: 1675400
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:240 Resp: 1472603
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 82.062 ng

RT: 19.935 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG060371.D

Acq: 19 Jan 2024 16:20

Instrument :

BNA_G

ClientSampleId :

TR-05-011824

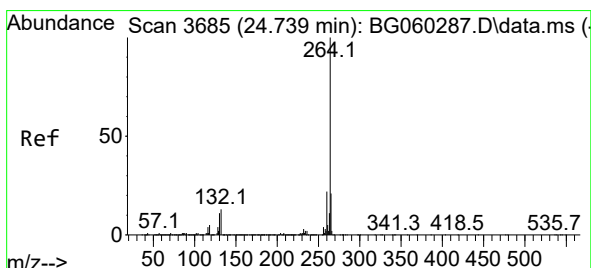
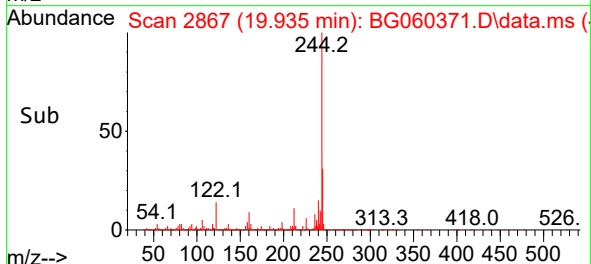
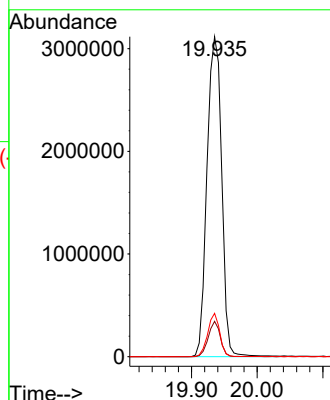
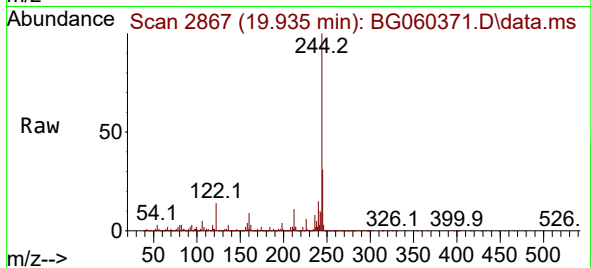
Tgt Ion:244 Resp: 4854213

Ion Ratio Lower Upper

244 100

212 11.1 10.9 16.3

122 13.5 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.747 min Scan# 3686

Delta R.T. 0.008 min

Lab File: BG060371.D

Acq: 19 Jan 2024 16:20

Tgt Ion:264 Resp: 1685399

Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.6

265 21.8 16.8 25.2

