

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060344.D
 Acq On : 17 Jan 2024 15:47
 Operator : MA/JU
 Sample : P1150-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-306-25-27

Quant Time: Jan 17 16:30:02 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	228502	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	880049	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	621176	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1593254	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1598022	20.000	ng	0.00
86) Perylene-d12	24.738	264	1846505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1271969	91.558	ng	0.00
7) Phenol-d6	7.089	99	1847593	89.813	ng	0.00
23) Nitrobenzene-d5	9.086	82	1206509	64.737	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	905566	99.085	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2704432	60.531	ng	0.00
79) Terphenyl-d14	19.932	244	4275332	60.497	ng	0.00

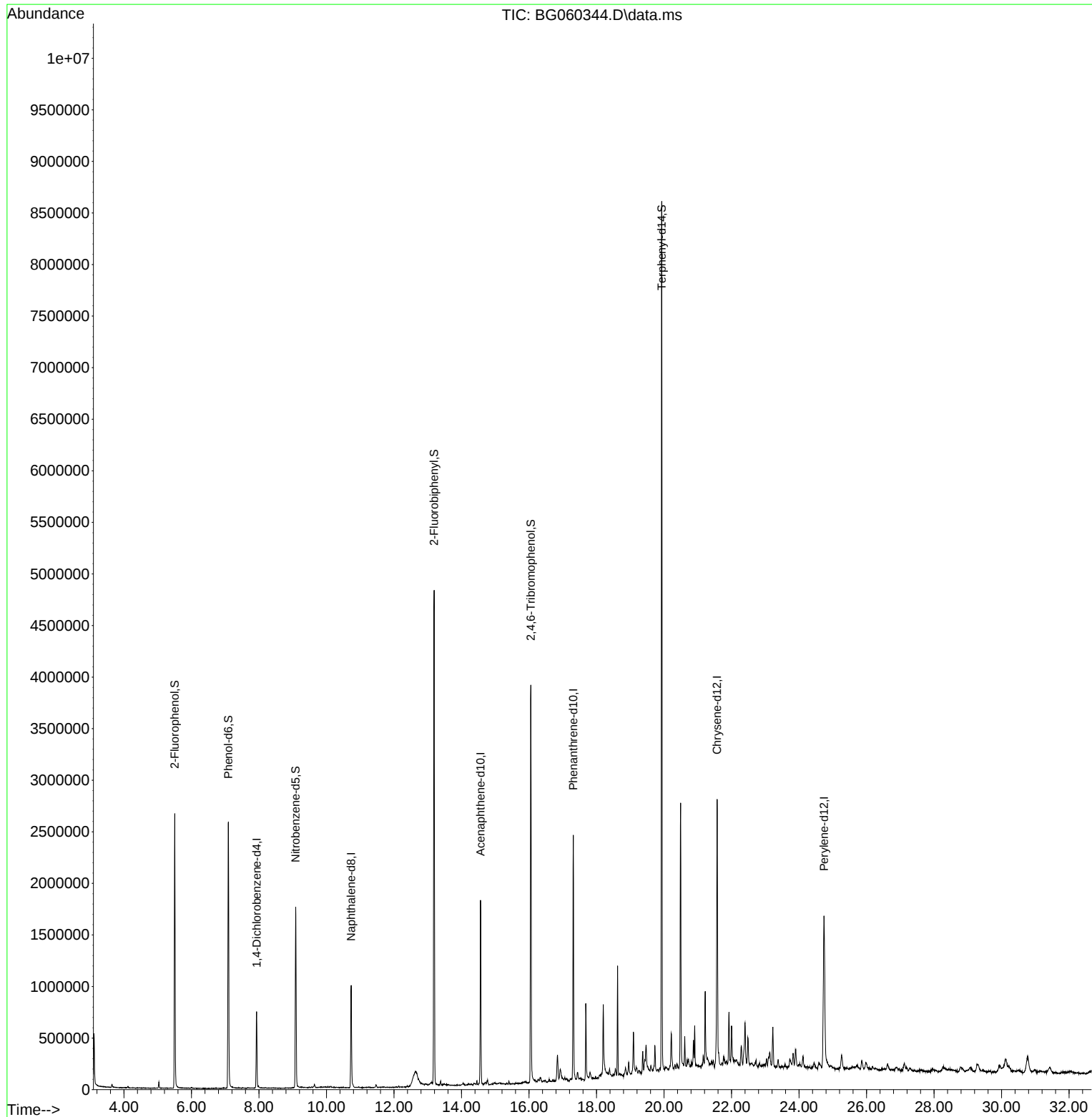
Target Compounds	Qvalue

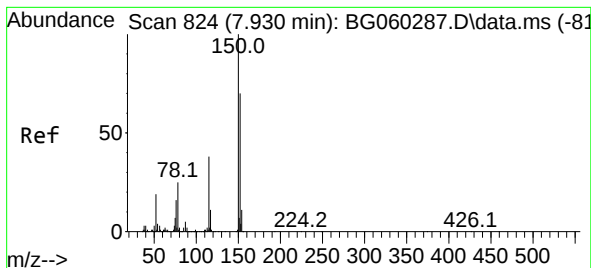
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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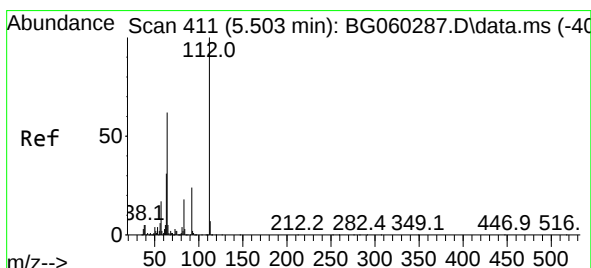
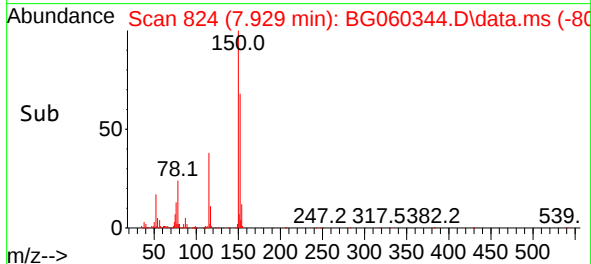
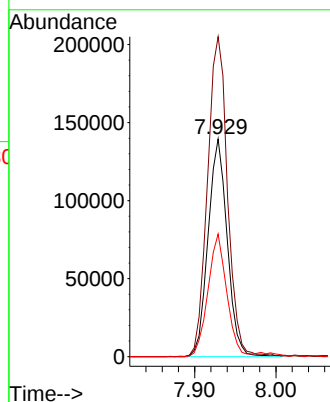
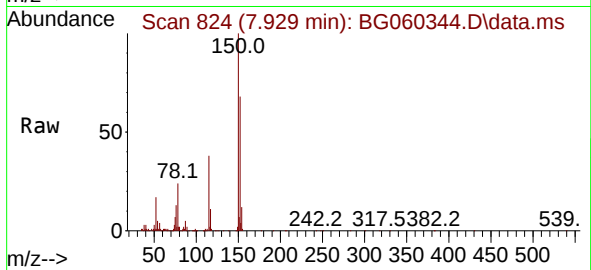




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

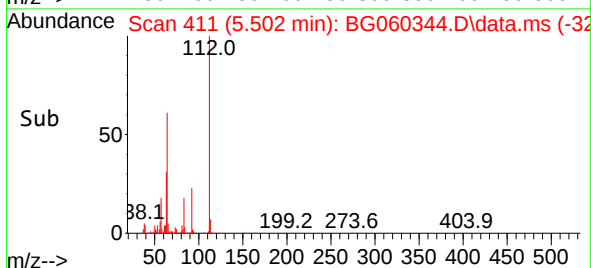
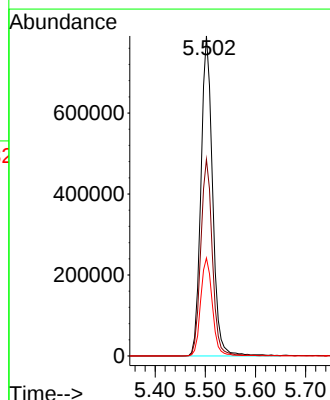
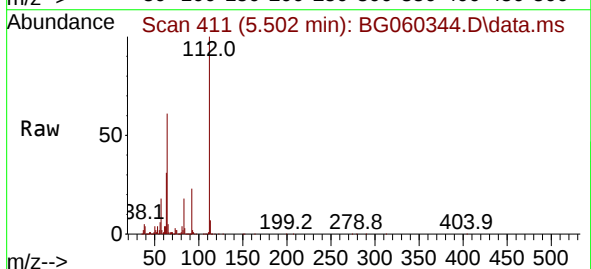
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

Tgt Ion:152 Resp: 228502
Ion Ratio Lower Upper
152 100
150 147.0 114.5 171.7
115 56.3 43.0 64.6



#5
2-Fluorophenol
Concen: 91.558 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:112 Resp: 1271969
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 30.6 24.4 36.6

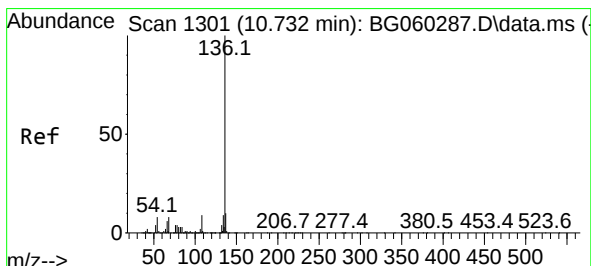
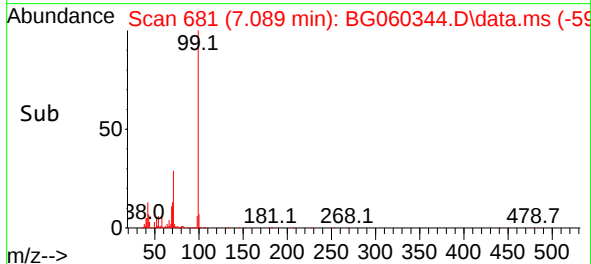
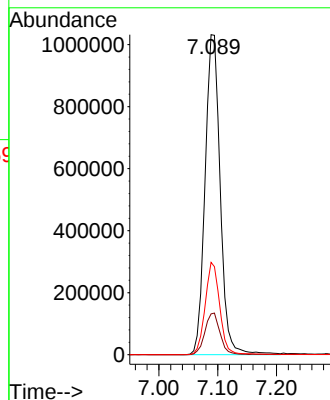
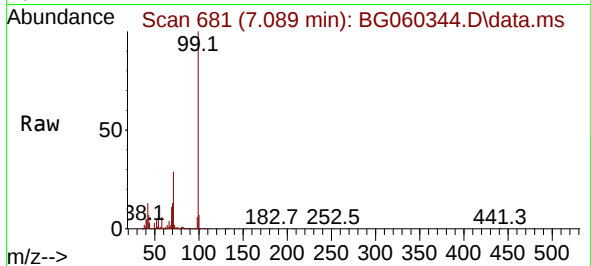




#7
Phenol-d6
Concen: 89.813 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

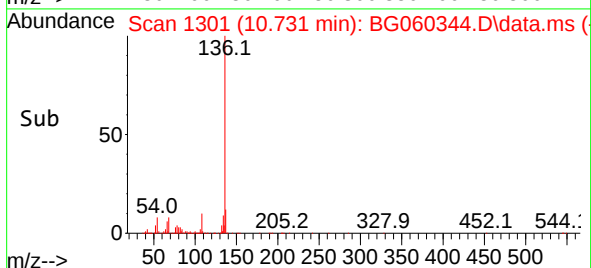
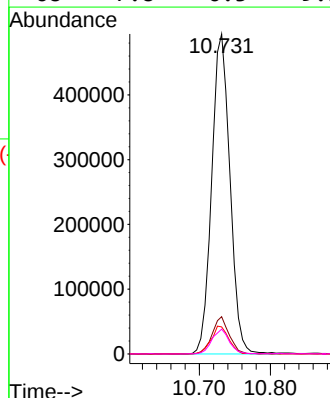
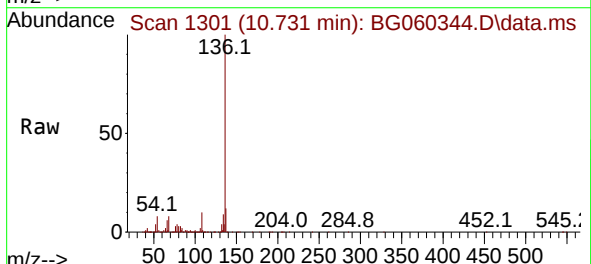
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

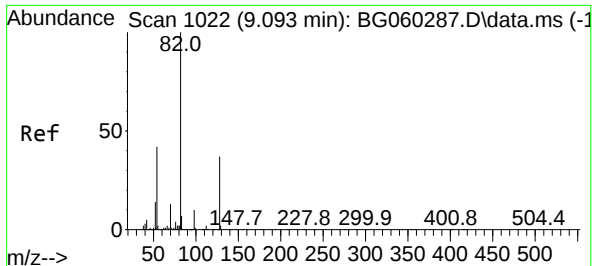
Tgt Ion: 99 Resp: 1847593
Ion Ratio Lower Upper
99 100
42 12.8 10.9 16.3
71 28.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion: 136 Resp: 880049
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.4
54 8.5 6.2 9.2
68 7.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 64.737 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.007 min

Lab File: BG060344.D

Acq: 17 Jan 2024 15:47

Instrument :

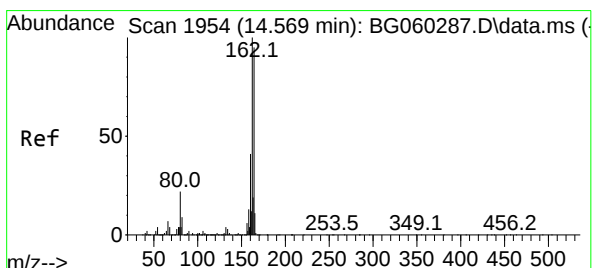
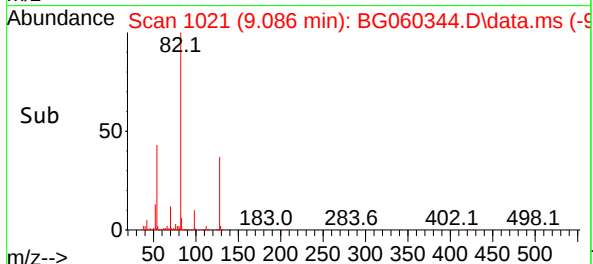
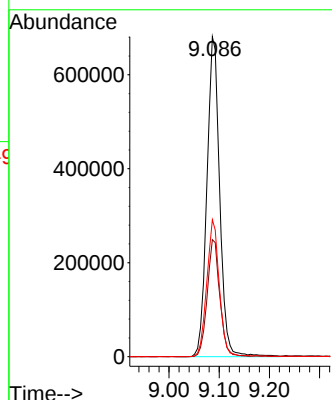
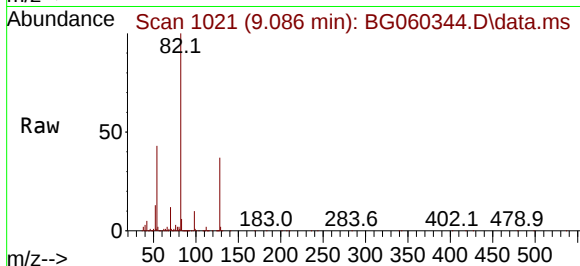
BNA_G

ClientSampleId :

MR-306-25-27

Tgt Ion: 82 Resp: 1206509

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.6	44.4
54	42.8	33.6	50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1953

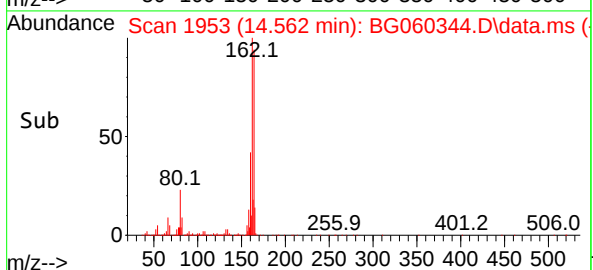
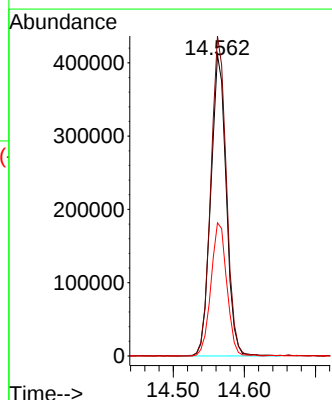
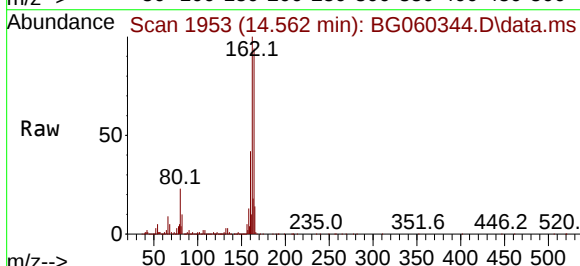
Delta R.T. -0.007 min

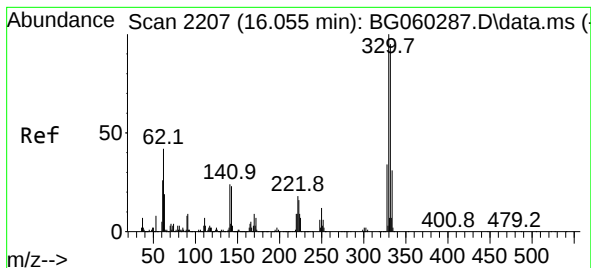
Lab File: BG060344.D

Acq: 17 Jan 2024 15:47

Tgt Ion:164 Resp: 621176

Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.4	126.6
160	44.2	34.6	52.0

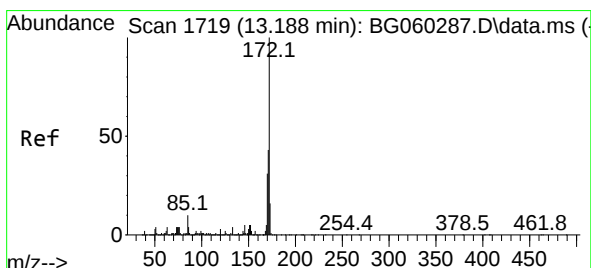
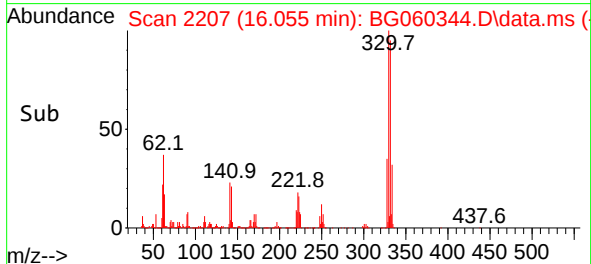
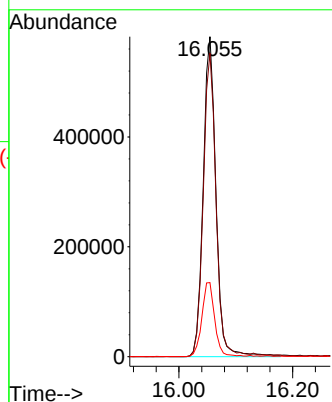
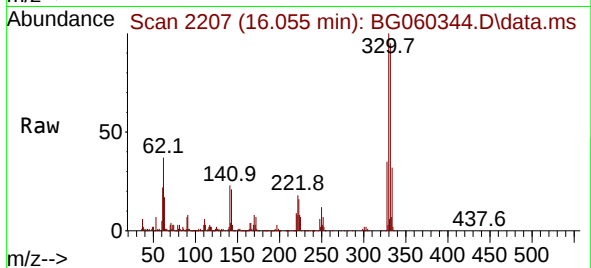




#42
2,4,6-Tribromophenol
Concen: 99.085 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

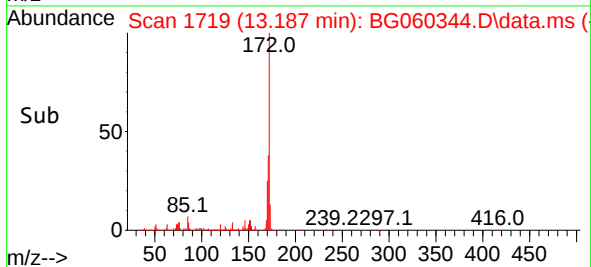
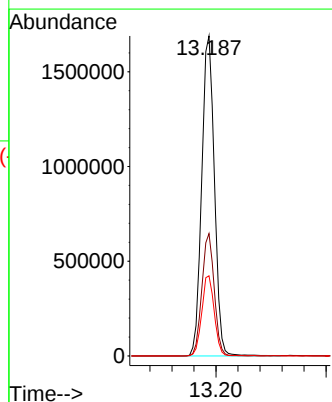
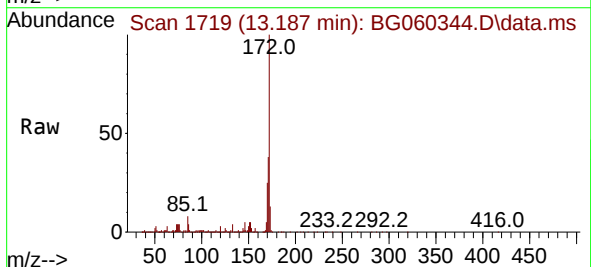
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

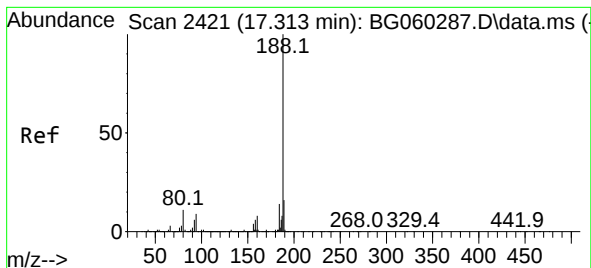
Tgt Ion:330 Resp: 905566
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 60.531 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:172 Resp: 2704432
Ion Ratio Lower Upper
172 100
171 38.3 34.6 51.8
170 25.1 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060344.D

Acq: 17 Jan 2024 15:47

Instrument :

BNA_G

ClientSampleId :

MR-306-25-27

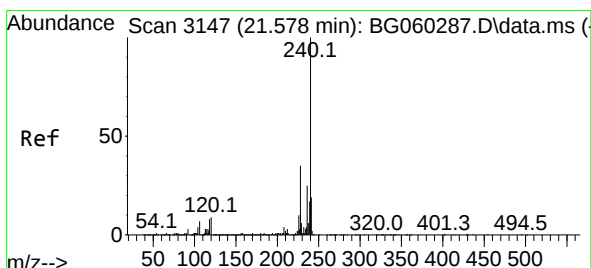
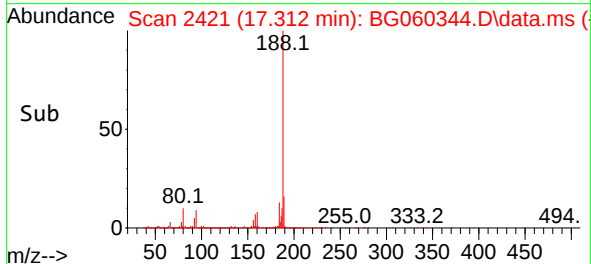
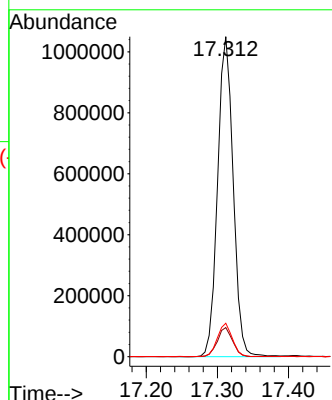
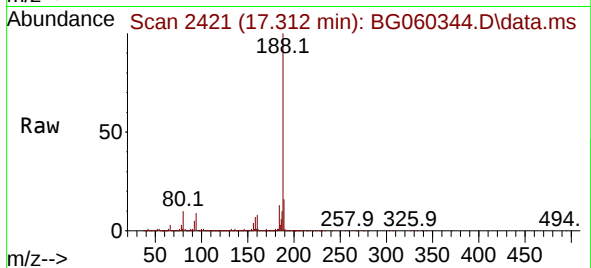
Tgt Ion:188 Resp: 1593254

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060344.D

Acq: 17 Jan 2024 15:47

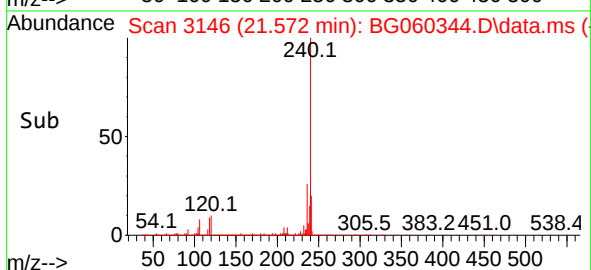
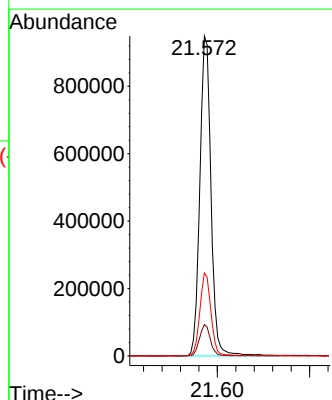
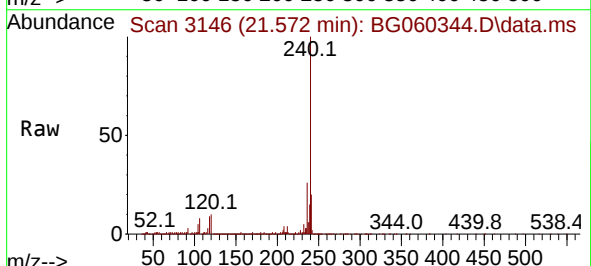
Tgt Ion:240 Resp: 1598022

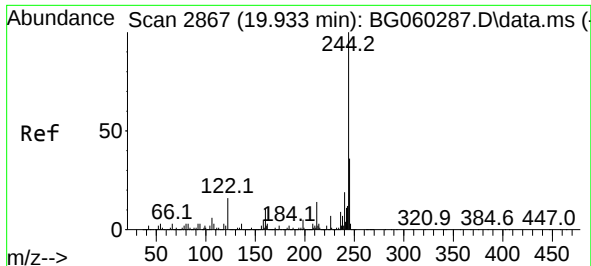
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.9 20.3 30.5

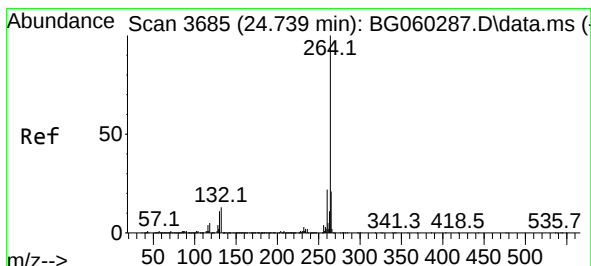
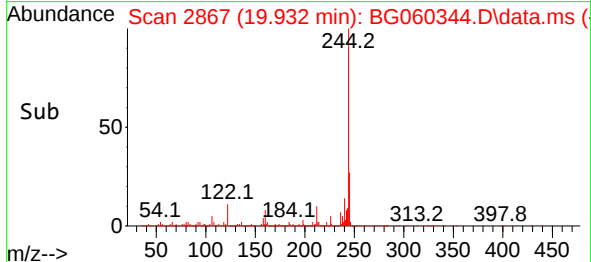
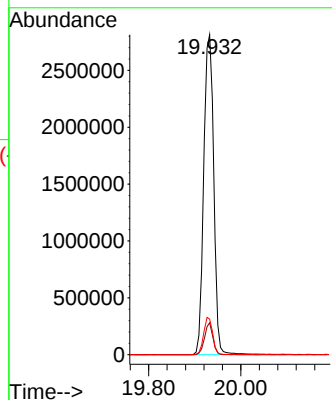
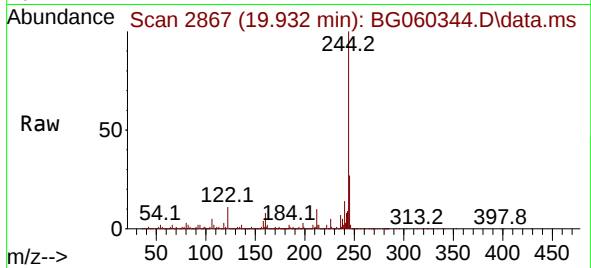




#79
 Terphenyl-d14
 Concen: 60.497 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060344.D
 Acq: 17 Jan 2024 15:47

Instrument :
 BNA_G
 ClientSampleId :
 MR-306-25-27

Tgt Ion:244 Resp: 4275332
 Ion Ratio Lower Upper
 244 100
 212 10.0 10.9 16.3#
 122 11.1 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 3685
 Delta R.T. -0.001 min
 Lab File: BG060344.D
 Acq: 17 Jan 2024 15:47

Tgt Ion:264 Resp: 1846505
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.6
 265 21.8 16.8 25.2

