

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060306.D
 Acq On : 11 Jan 2024 12:28
 Operator : MA/JU
 Sample : PB158244TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158244TB

Quant Time: Jan 11 13:20:22 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	7.932	152	193384	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	772296	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	596695	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1700896	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1833942	20.000	ng	0.00
86) Perylene-d12	24.747	264	2077023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1682109	143.068	ng	0.00
7) Phenol-d6	7.097	99	2612302	150.046	ng	0.00
23) Nitrobenzene-d5	9.095	82	1580731	96.650	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1243500	141.643	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	3772724	87.906	ng	0.00
79) Terphenyl-d14	19.935	244	6146503	84.238	ng	0.00

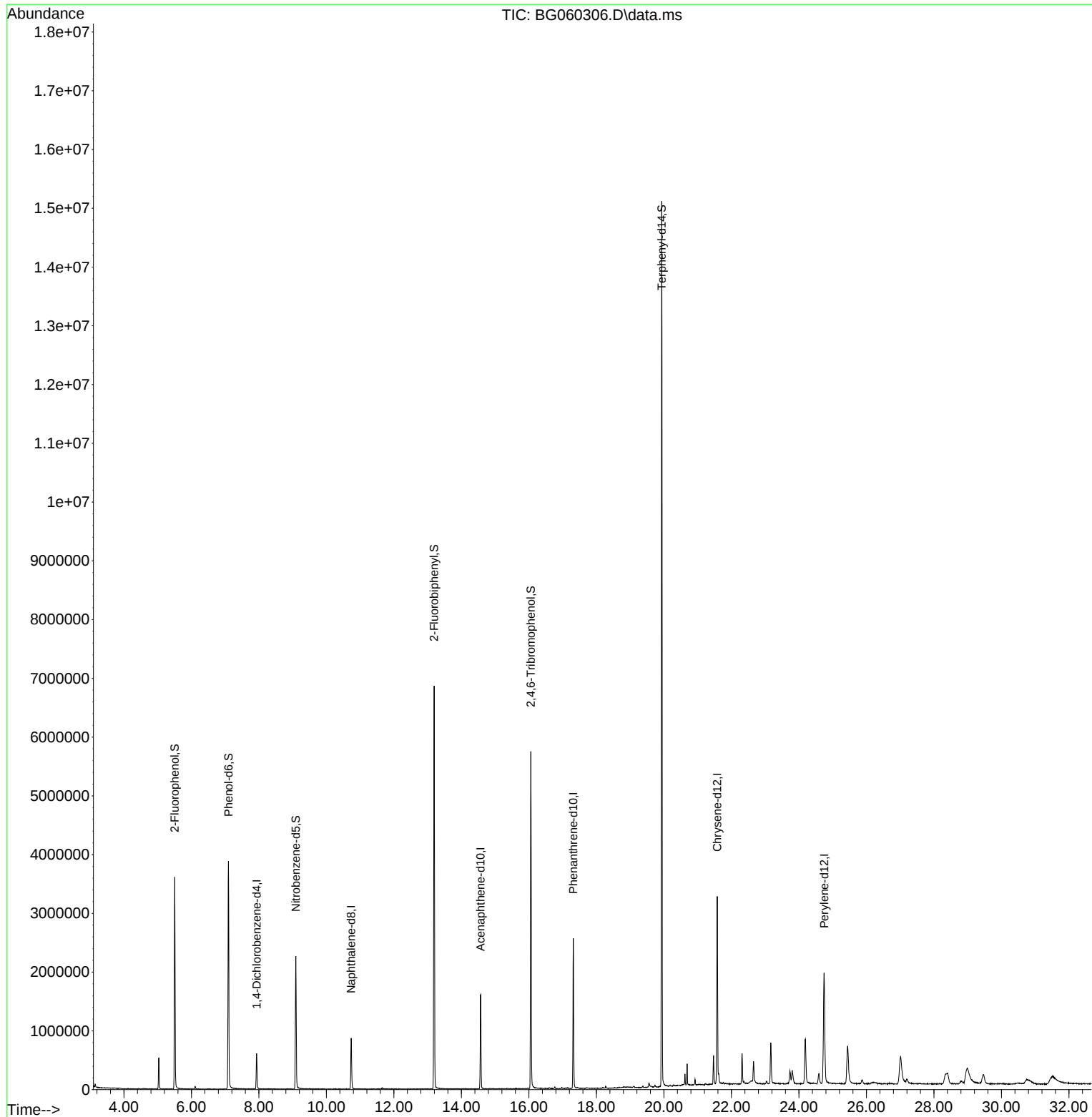
Target Compounds	Qvalue

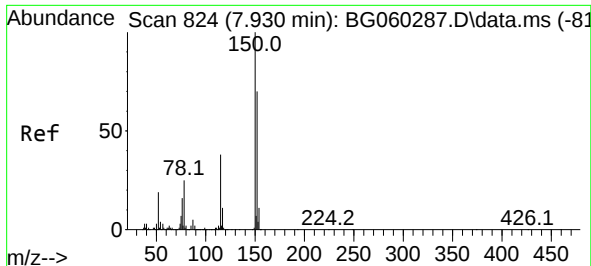
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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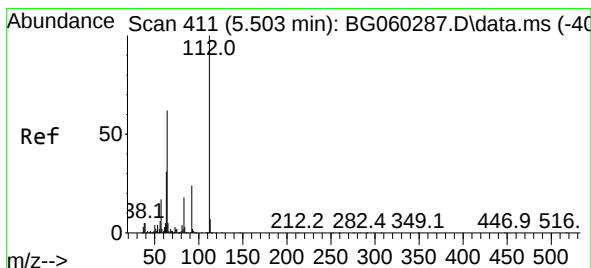
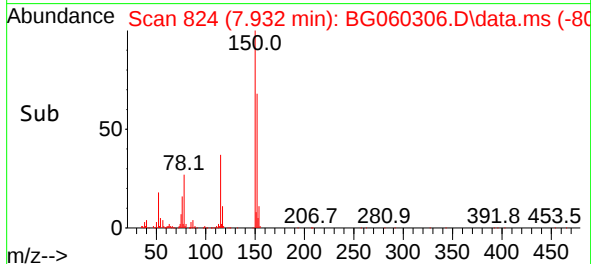
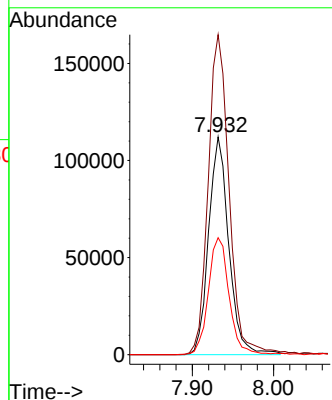
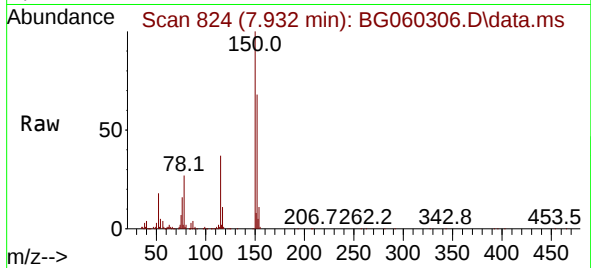




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

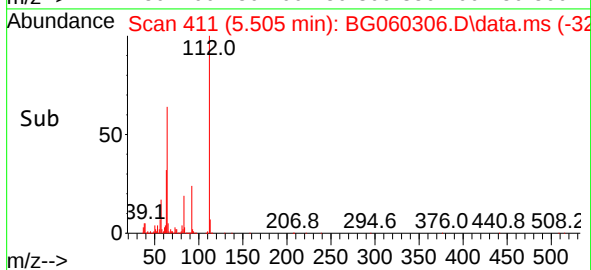
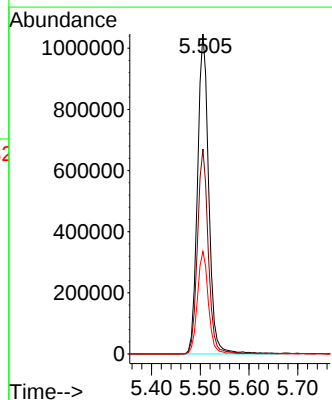
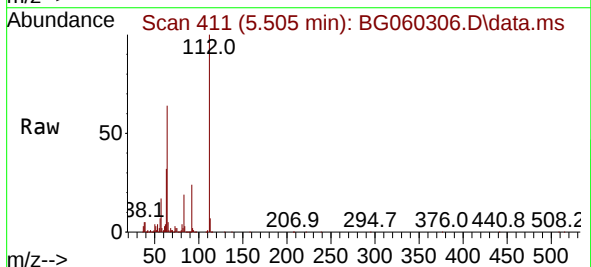
Instrument :
BNA_G
ClientSampleId :
PB158244TB

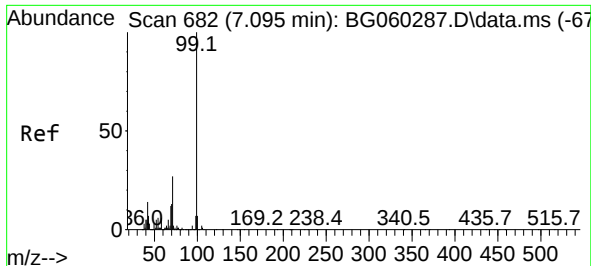
Tgt Ion:152 Resp: 193384
Ion Ratio Lower Upper
152 100
150 146.9 114.5 171.7
115 53.7 43.0 64.6



#5
2-Fluorophenol
Concen: 143.068 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

Tgt Ion:112 Resp: 1682109
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.6
63 32.1 24.4 36.6



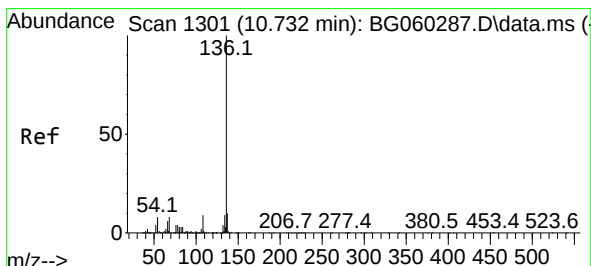
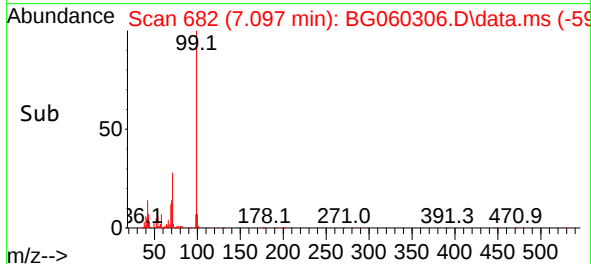
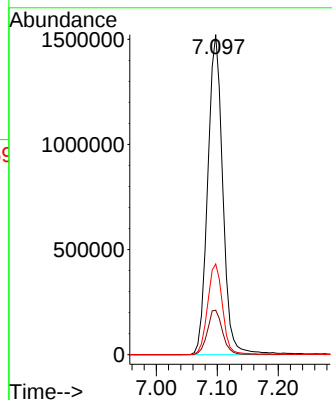
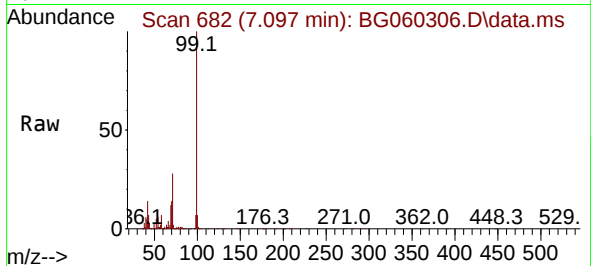


#7
Phenol-d6
Concen: 150.046 ng
RT: 7.097 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB158244TB

Tgt Ion: 99 Resp: 2612302

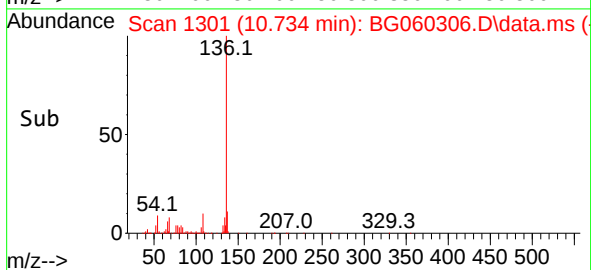
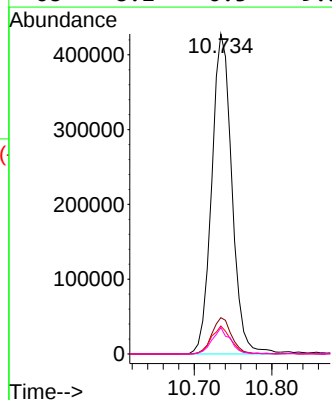
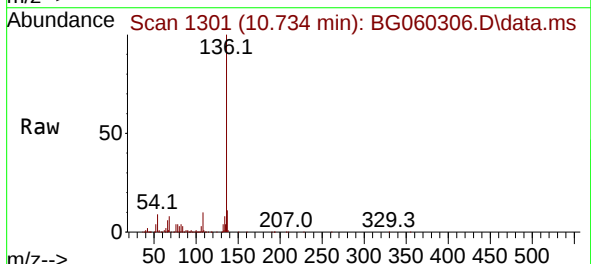
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	28.3	21.5	32.3

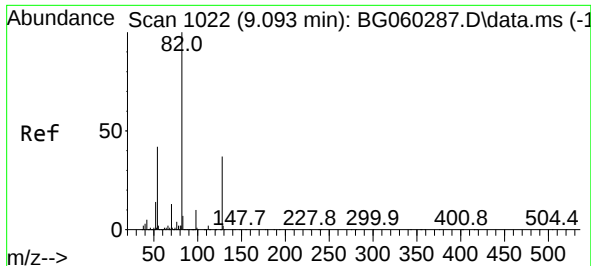


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

Tgt Ion:136 Resp: 772296

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	8.8	6.2	9.2
68	8.2	6.3	9.5

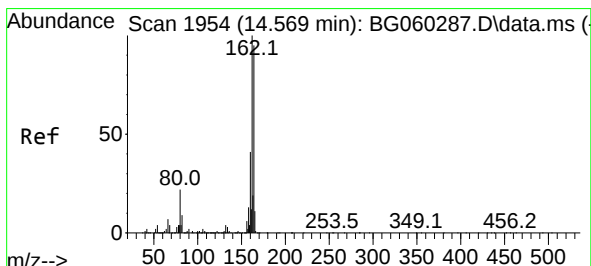
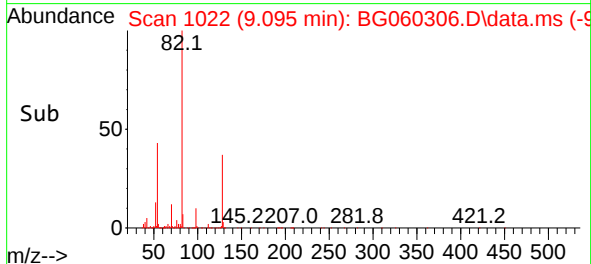
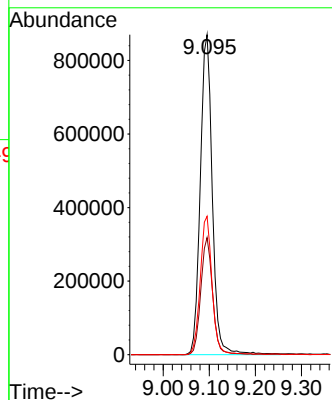
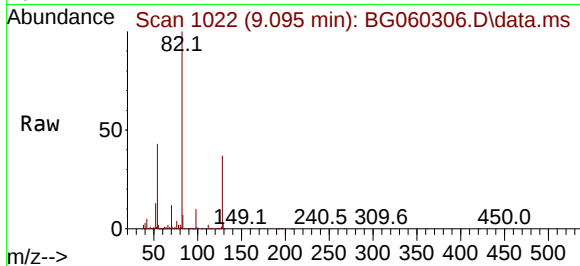




#23
Nitrobenzene-d5
Concen: 96.650 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

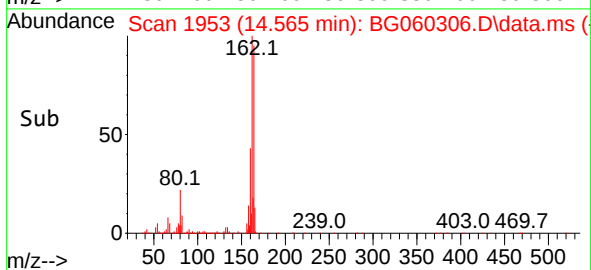
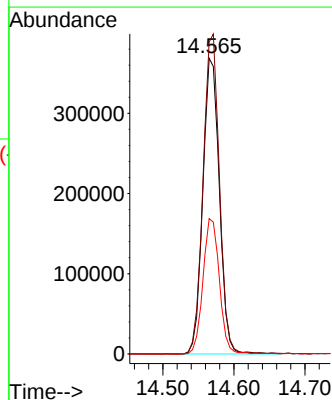
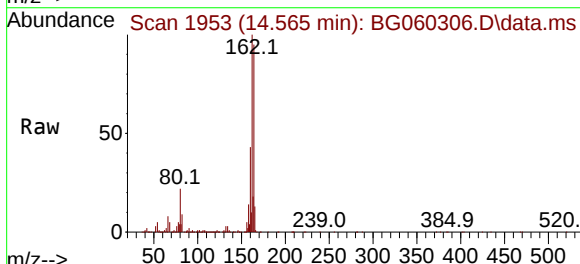
Instrument :
BNA_G
ClientSampleId :
PB158244TB

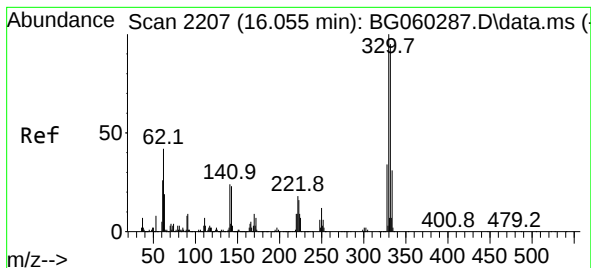
Tgt Ion: 82 Resp: 1580731
Ion Ratio Lower Upper
82 100
128 36.6 29.6 44.4
54 43.2 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

Tgt Ion:164 Resp: 596695
Ion Ratio Lower Upper
164 100
162 105.5 84.4 126.6
160 45.8 34.6 52.0

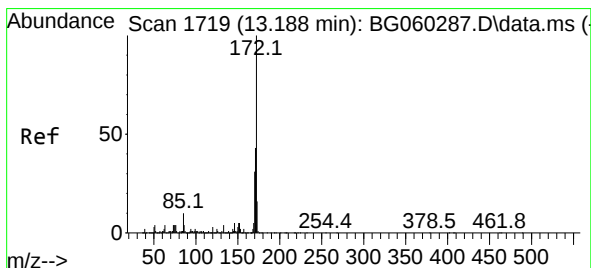
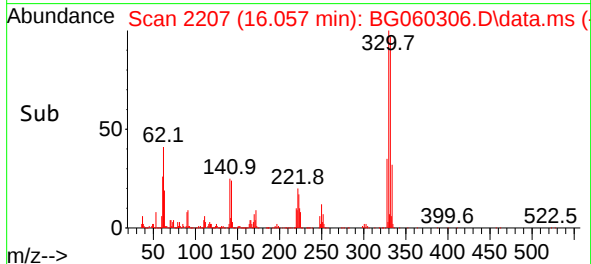
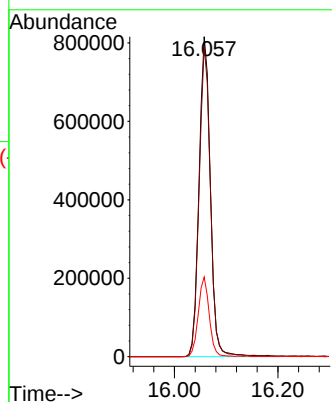
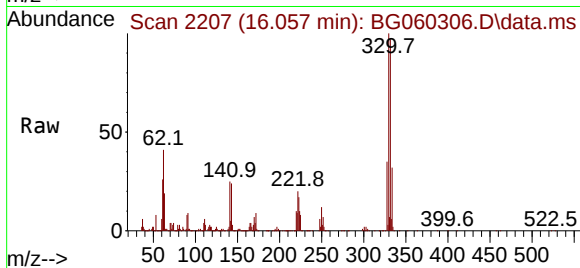




#42
2,4,6-Tribromophenol
Concen: 141.643 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

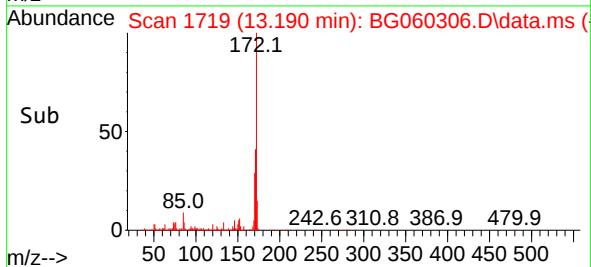
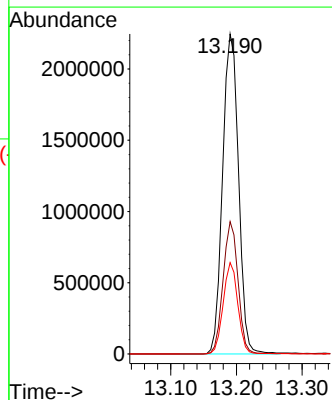
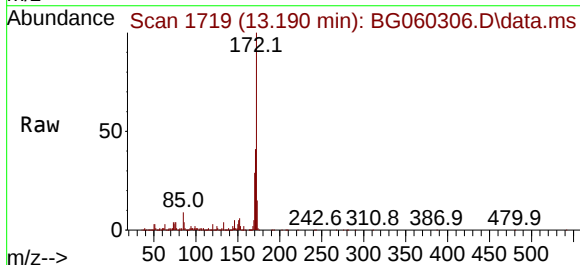
Instrument :
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ClientSampleId :
PB158244TB

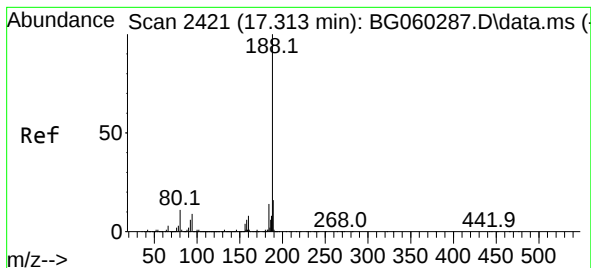
Tgt Ion:330 Resp: 1243500
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 23.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 87.906 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060306.D
Acq: 11 Jan 2024 12:28

Tgt Ion:172 Resp: 3772724
Ion Ratio Lower Upper
172 100
171 41.3 34.6 51.8
170 28.6 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: BG060306.D

Acq: 11 Jan 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB158244TB

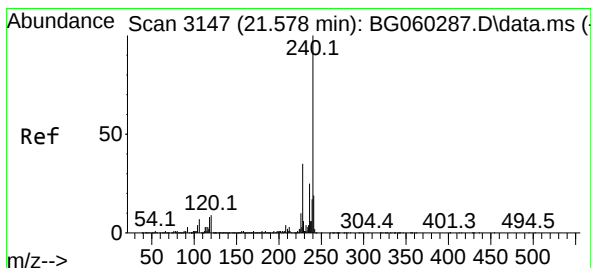
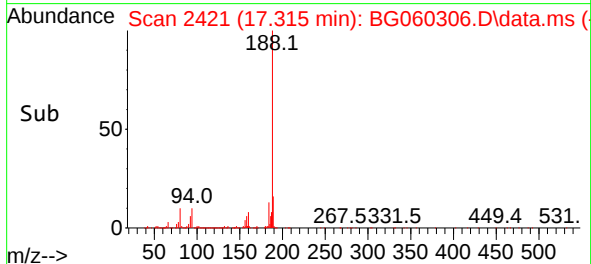
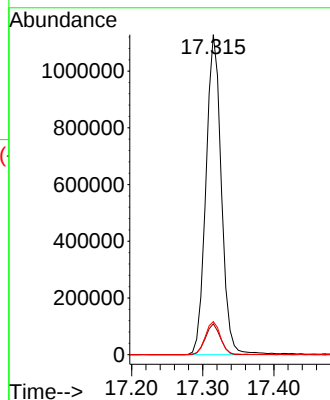
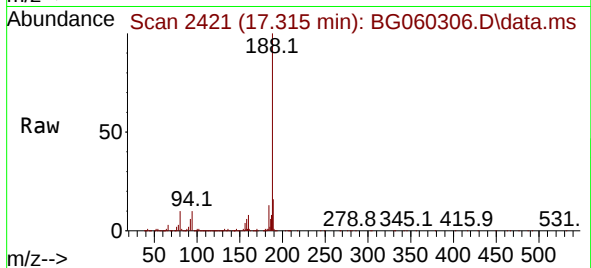
Tgt Ion:188 Resp: 1700896

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.002 min

Lab File: BG060306.D

Acq: 11 Jan 2024 12:28

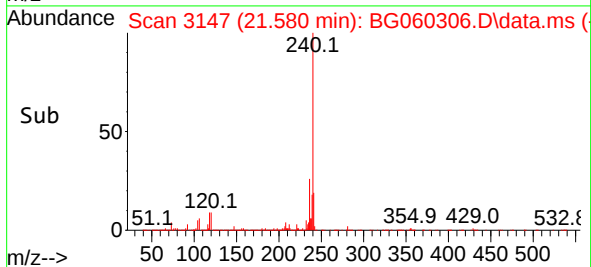
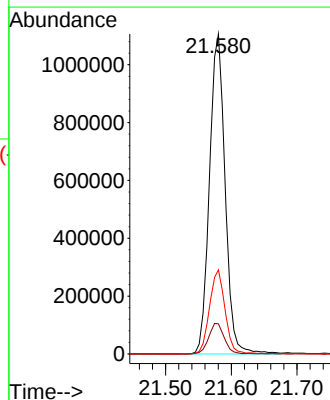
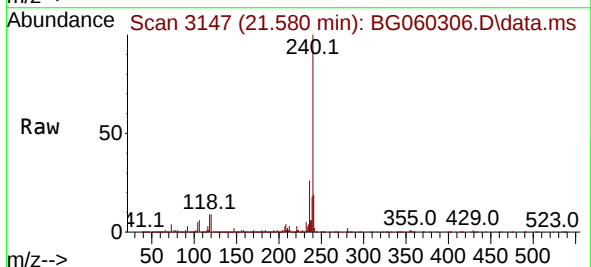
Tgt Ion:240 Resp: 1833942

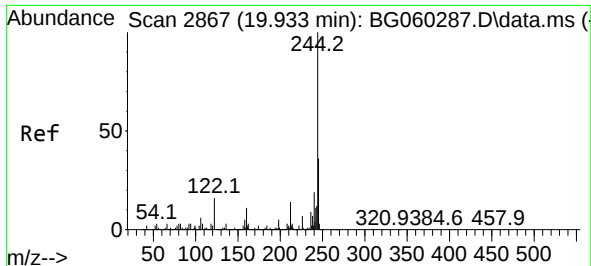
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 84.238 ng

RT: 19.935 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG060306.D

Acq: 11 Jan 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB158244TB

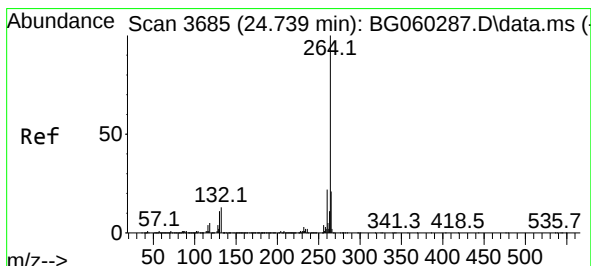
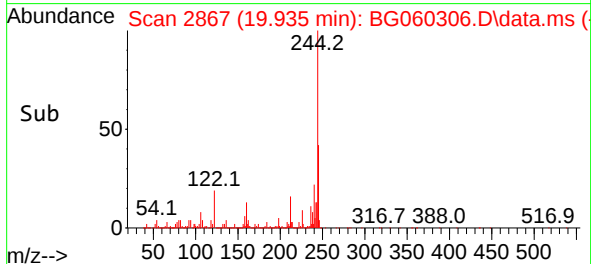
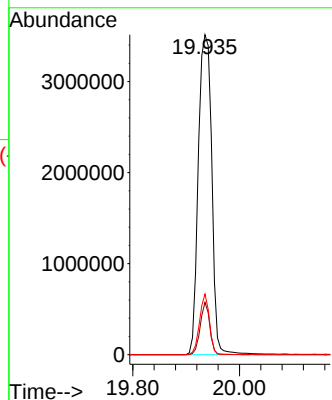
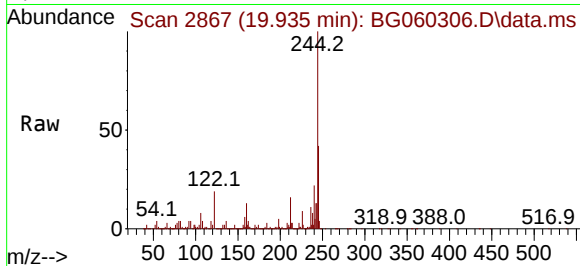
Tgt Ion:244 Resp: 6146503

Ion Ratio Lower Upper

244 100

212 16.3 10.9 16.3#

122 19.0 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: BG060306.D

Acq: 11 Jan 2024 12:28

Tgt Ion:264 Resp: 2077023

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.4 16.8 25.2

