

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
 Data File : BG060301.D
 Acq On : 10 Jan 2024 16:30
 Operator : MA/JU
 Sample : P1015-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-301P-0-2

Quant Time: Jan 10 17:22:29 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	7.930	152	274706	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1039263	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	758711	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1836132	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1824379	20.000	ng	0.00
86) Perylene-d12	24.758	264	1998447	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1736042	103.945	ng	0.00
7) Phenol-d6	7.090	99	2516198	101.742	ng	0.00
23) Nitrobenzene-d5	9.088	82	1801457	81.851	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1462050	130.975	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4285423	78.529	ng	0.00
79) Terphenyl-d14	19.940	244	6146094	84.934	ng	0.00

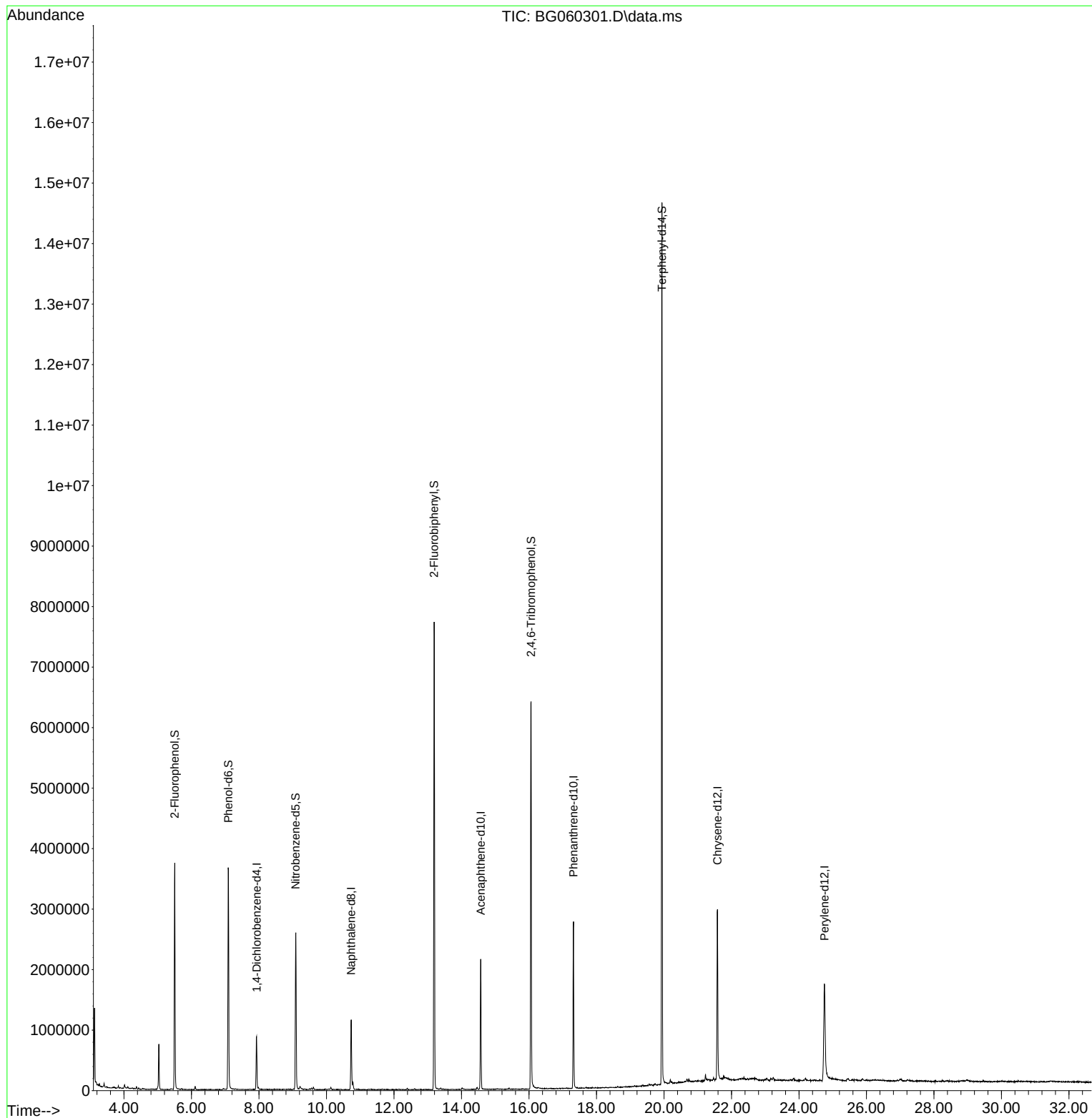
Target Compounds	Qvalue

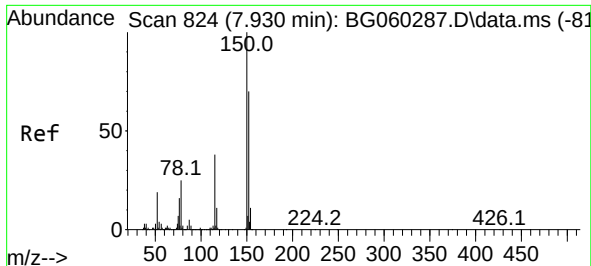
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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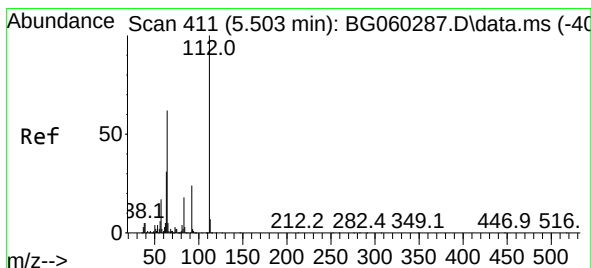
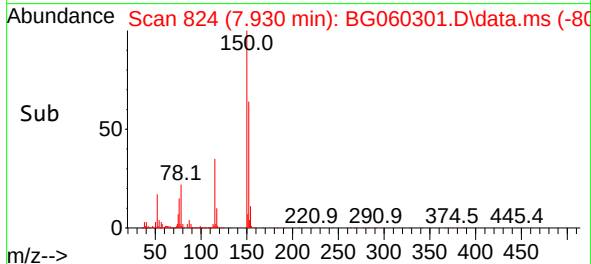
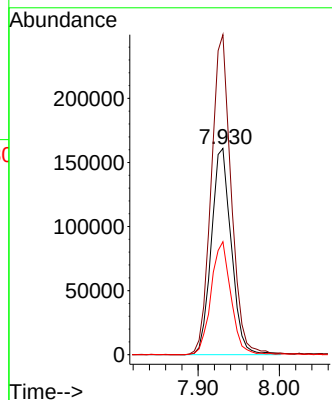
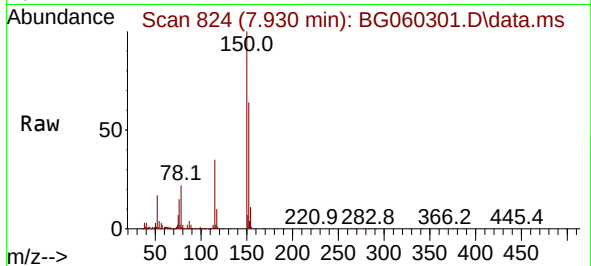




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 824
Delta R.T. 0.000 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

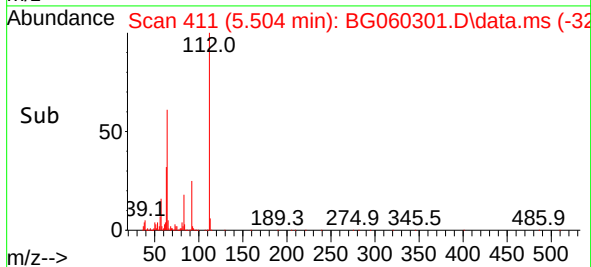
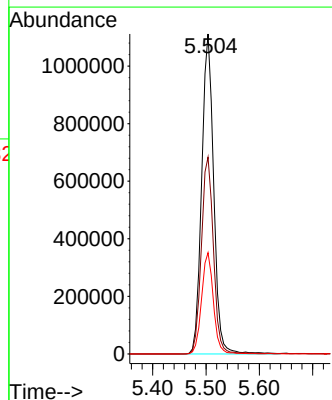
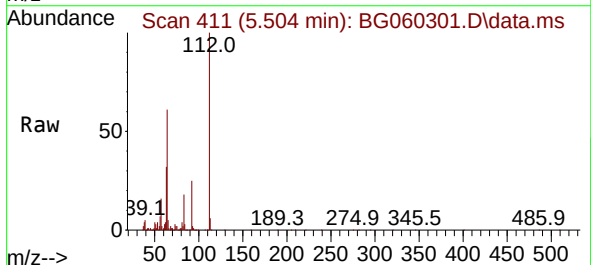
Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

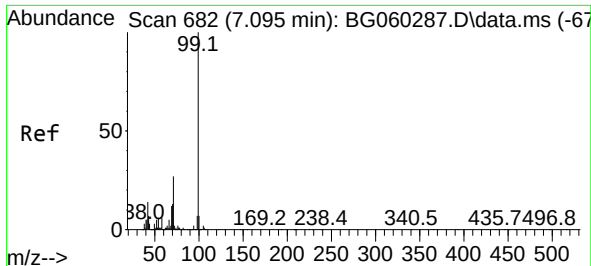
Tgt Ion:152 Resp: 274706
Ion Ratio Lower Upper
152 100
150 155.2 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 103.945 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:112 Resp: 1736042
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 31.7 24.4 36.6

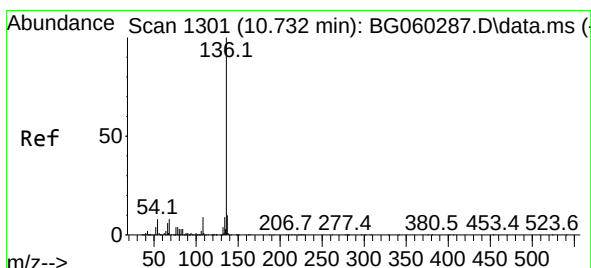
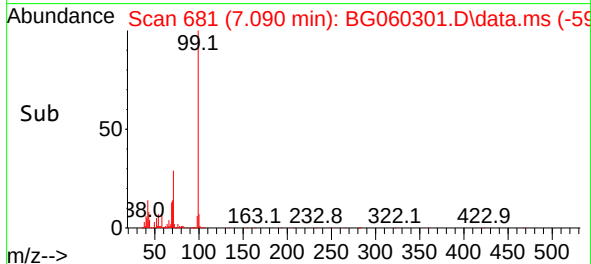
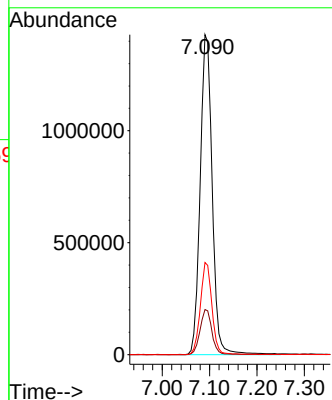
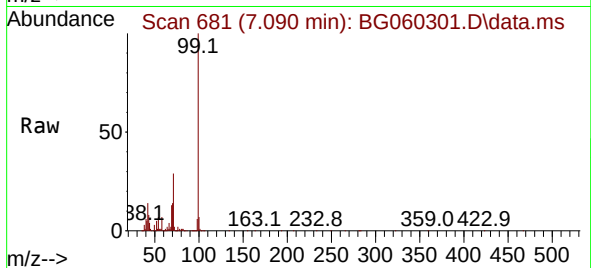




#7
Phenol-d6
Concen: 101.742 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

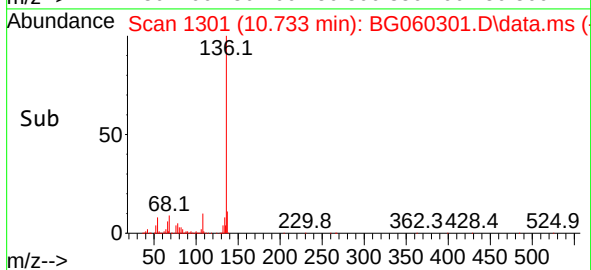
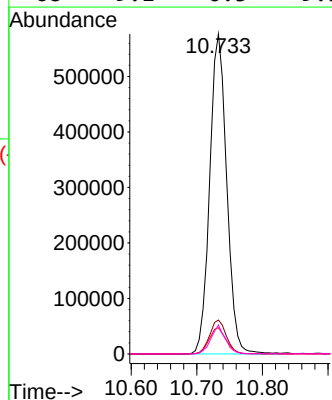
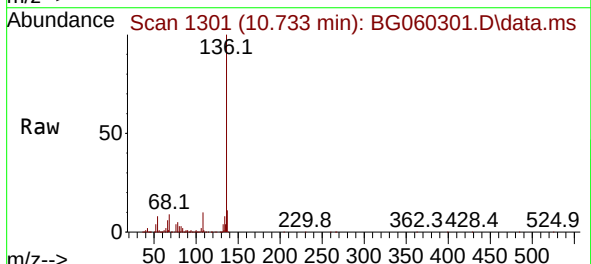
Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

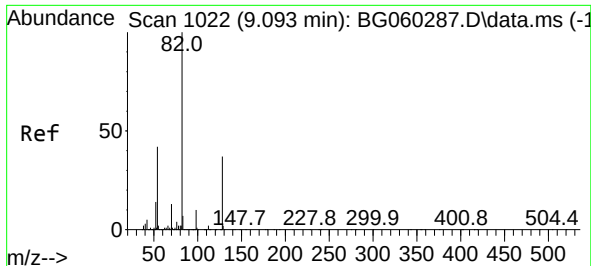
Tgt Ion: 99 Resp: 2516198
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 28.8 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion: 136 Resp: 1039263
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.2 6.2 9.2
68 9.1 6.3 9.5

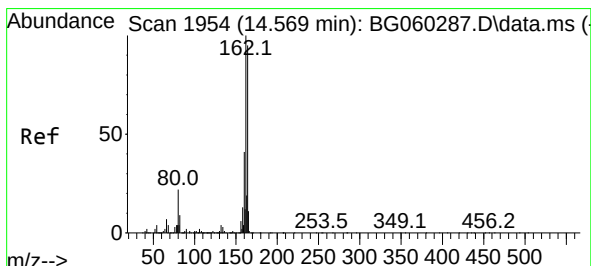
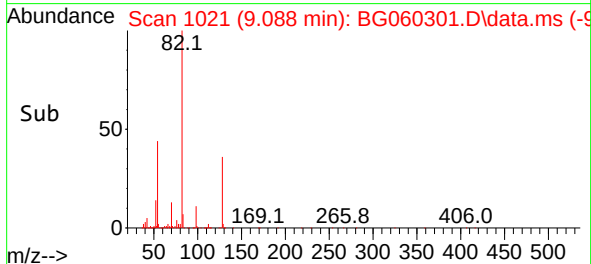
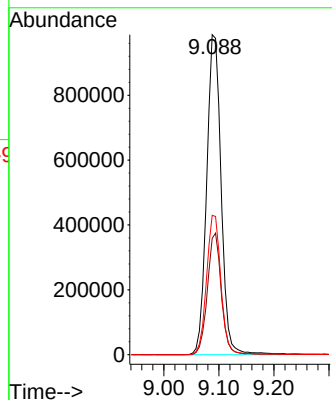
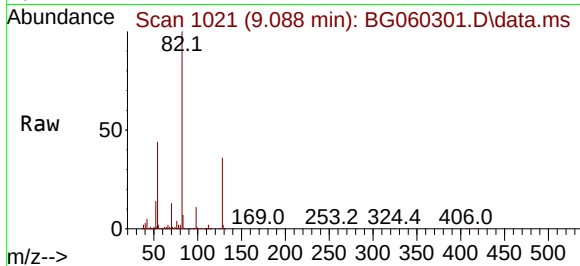




#23
Nitrobenzene-d5
Concen: 81.851 ng
RT: 9.088 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

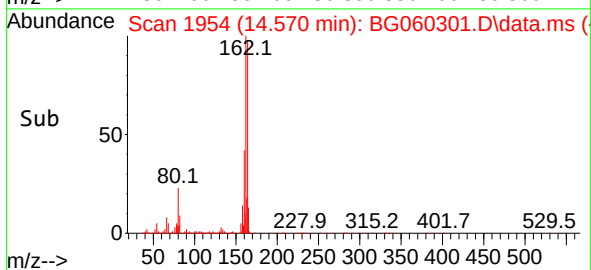
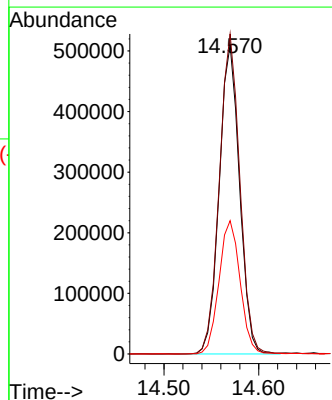
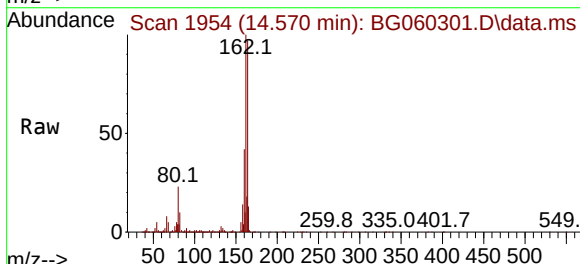
Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

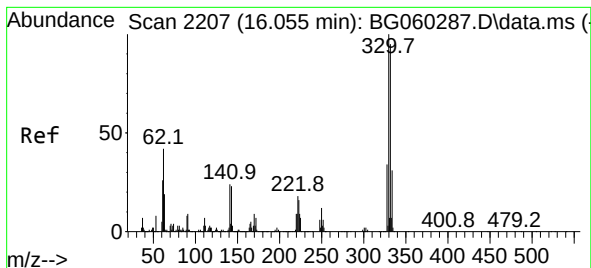
Tgt Ion: 82 Resp: 1801457
Ion Ratio Lower Upper
82 100
128 36.4 29.6 44.4
54 43.5 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:164 Resp: 758711
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 43.1 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 130.975 ng

RT: 16.062 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

Instrument :

BNA_G

ClientSampleId :

MR-301P-0-2

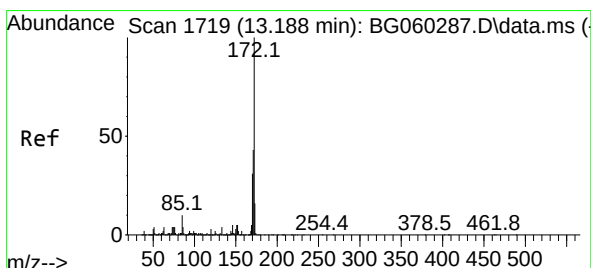
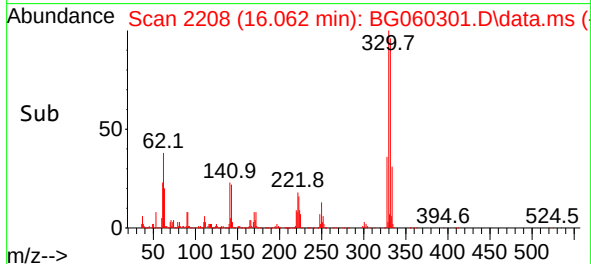
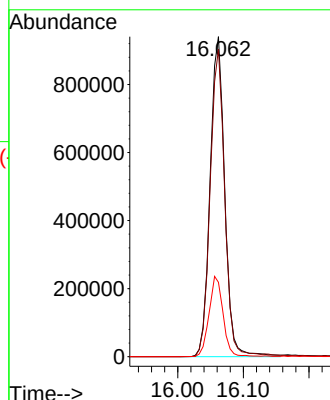
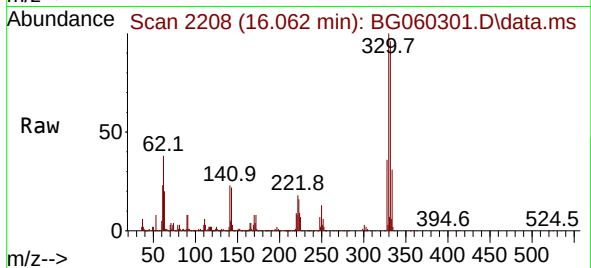
Tgt Ion:330 Resp: 1462050

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 24.0 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 78.529 ng

RT: 13.189 min Scan# 1719

Delta R.T. 0.001 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

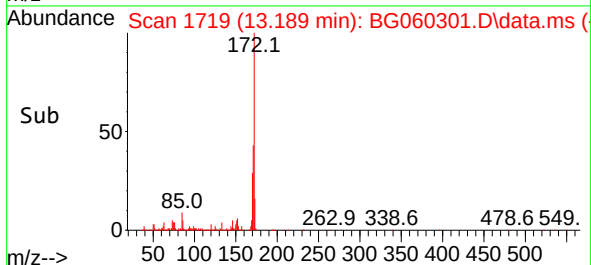
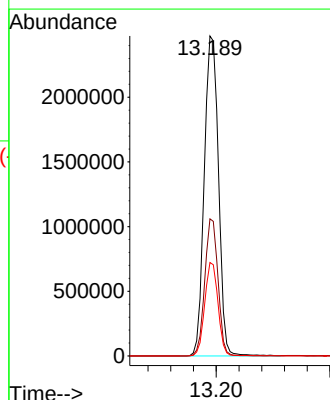
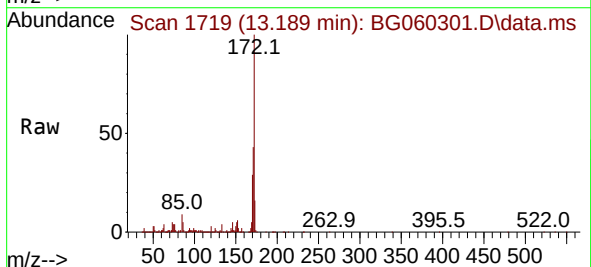
Tgt Ion:172 Resp: 4285423

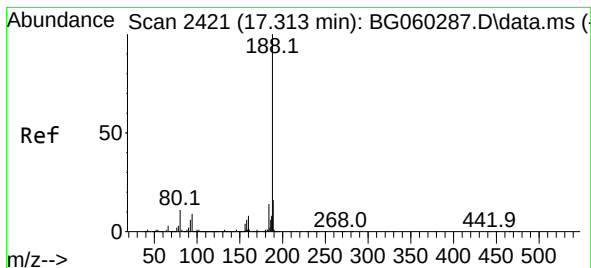
Ion Ratio Lower Upper

172 100

171 42.8 34.6 51.8

170 29.2 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 24

Delta R.T. 0.007 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

Instrument :

BNA_G

ClientSampleId :

MR-301P-0-2

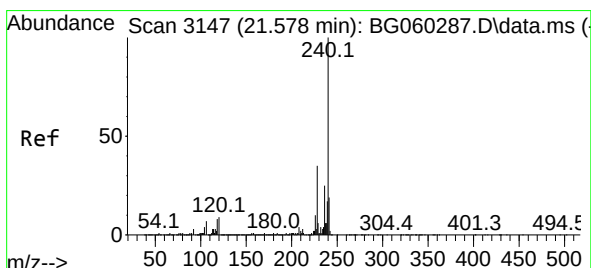
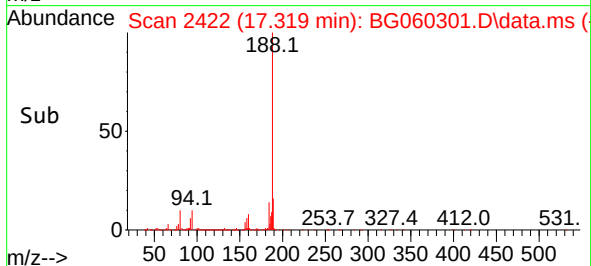
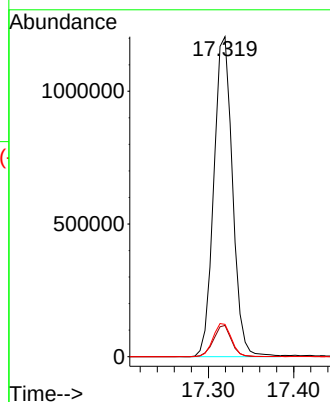
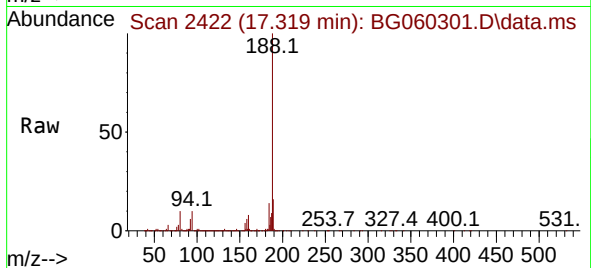
Tgt Ion:188 Resp: 1836132

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.1 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

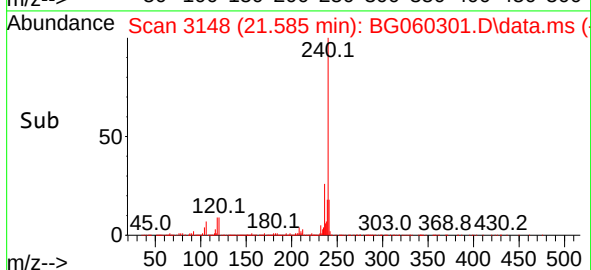
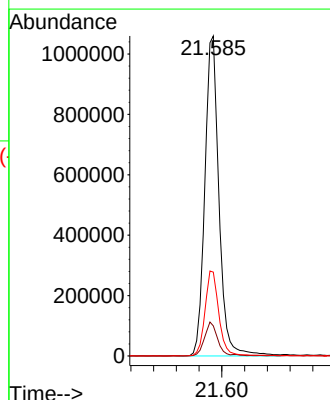
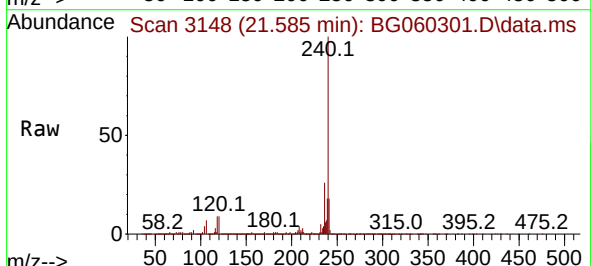
Tgt Ion:240 Resp: 1824379

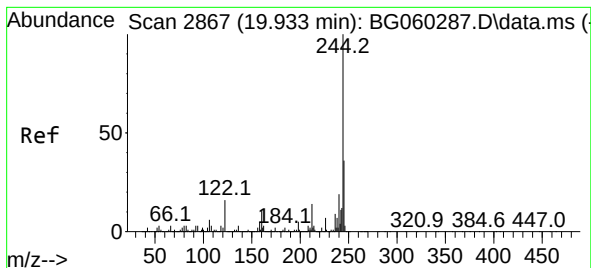
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 84.934 ng

RT: 19.940 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

Instrument :

BNA_G

ClientSampleId :

MR-301P-0-2

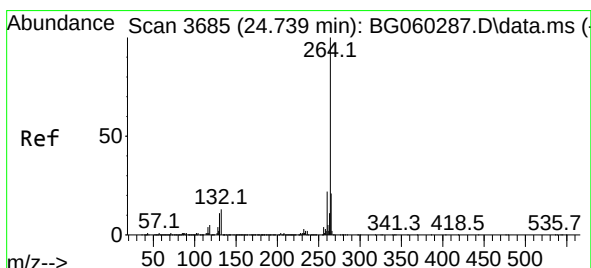
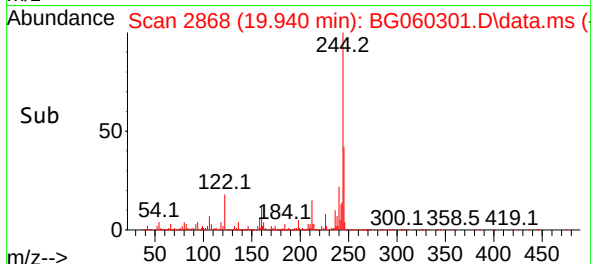
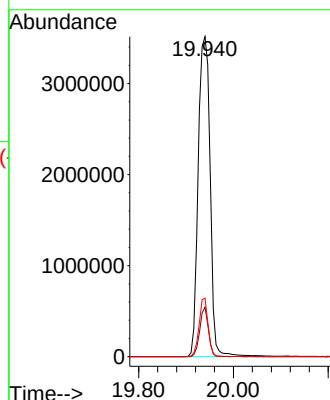
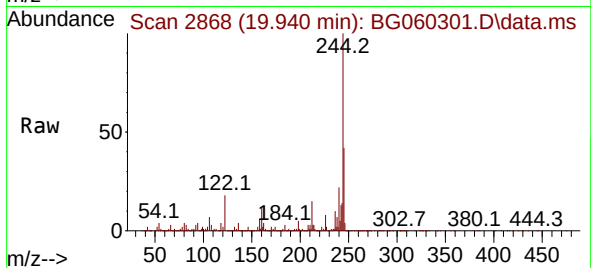
Tgt Ion:244 Resp: 6146094

Ion Ratio Lower Upper

244 100

212 15.5 10.9 16.3

122 18.3 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.758 min Scan# 3688

Delta R.T. 0.018 min

Lab File: BG060301.D

Acq: 10 Jan 2024 16:30

Tgt Ion:264 Resp: 1998447

Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

265 22.1 16.8 25.2

