

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060320.D
 Acq On : 12 Jan 2024 17:50
 Operator : MA/JU
 Sample : P1104-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jan 12 23:43:11 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	280167	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1001868	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	725422	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1831752	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1781686	20.000	ng	0.00
86) Perylene-d12	24.738	264	1911501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1763191	103.512	ng	0.00
7) Phenol-d6	7.094	99	2746072	108.872	ng	0.00
23) Nitrobenzene-d5	9.092	82	1867482	88.018	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1351062	126.586	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	4119084	78.945	ng	0.00
79) Terphenyl-d14	19.932	244	5876653	82.140	ng	0.00

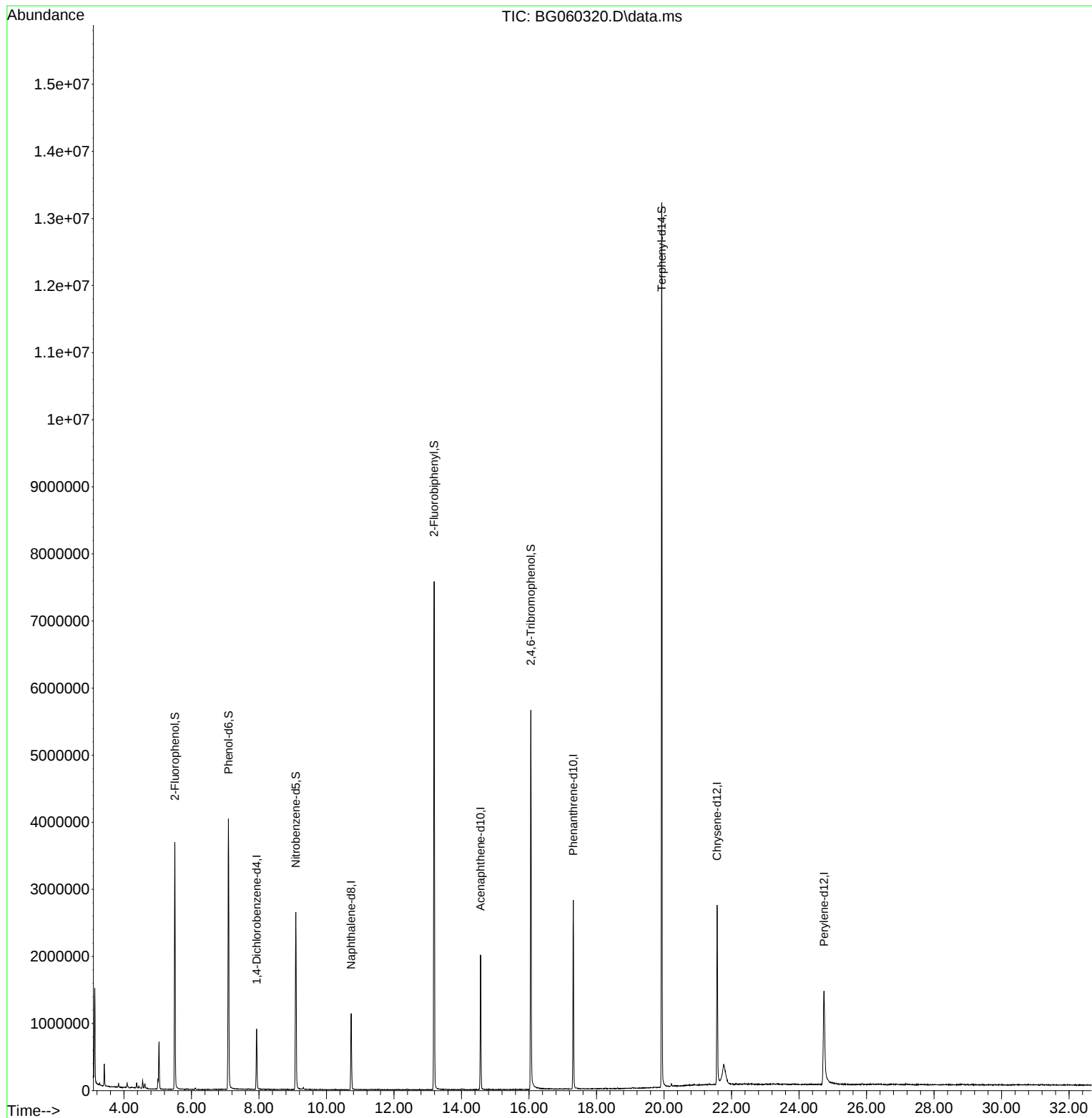
Target Compounds	Qvalue

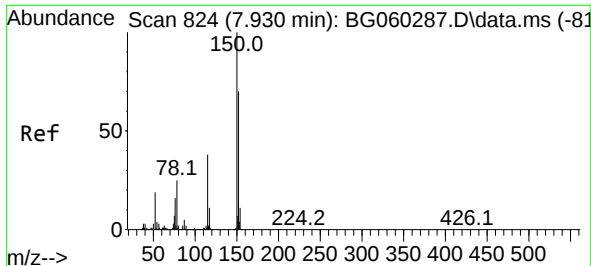
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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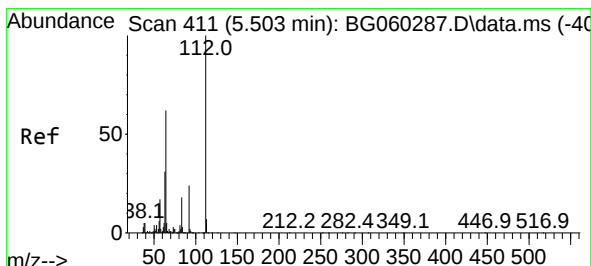
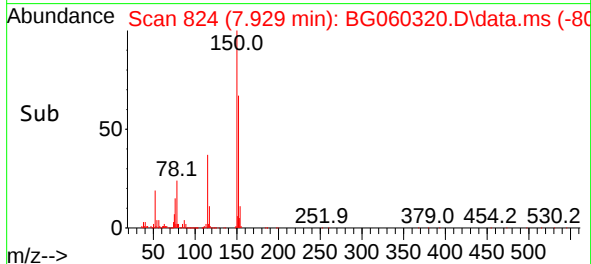
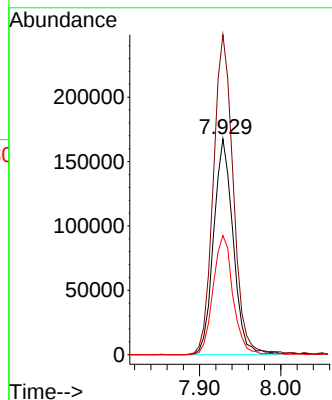
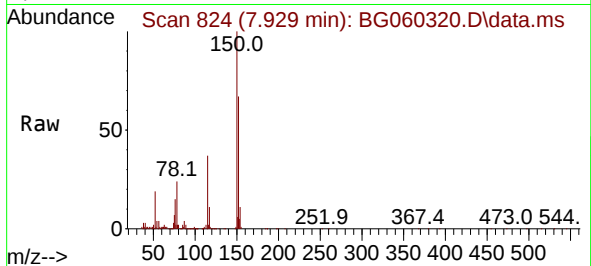




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

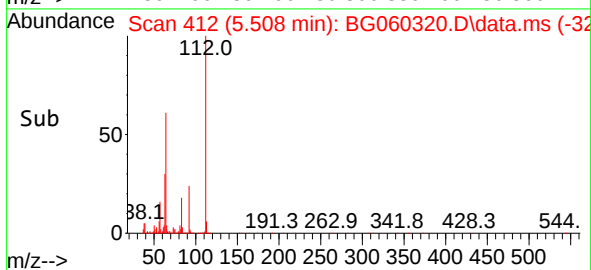
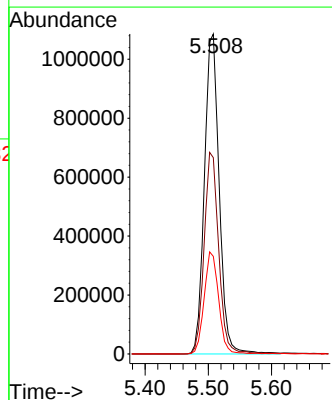
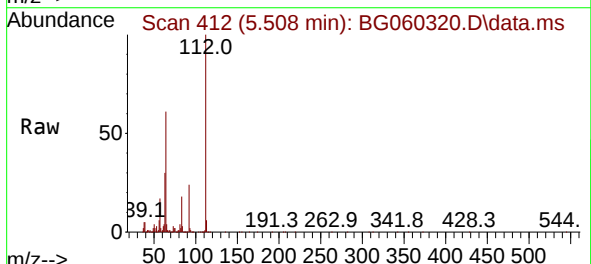
Instrument :
BNA_G
ClientSampleId :
TP-1

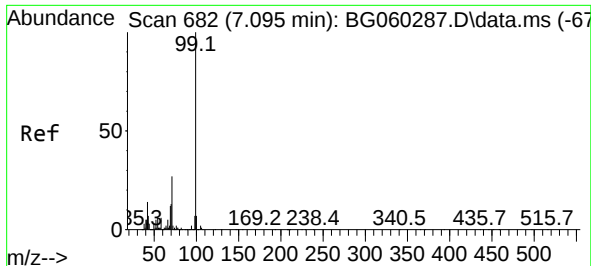
Tgt Ion:152 Resp: 280167
Ion Ratio Lower Upper
152 100
150 148.2 114.5 171.7
115 55.2 43.0 64.6



#5
2-Fluorophenol
Concen: 103.512 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:112 Resp: 1763191
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.5 24.4 36.6



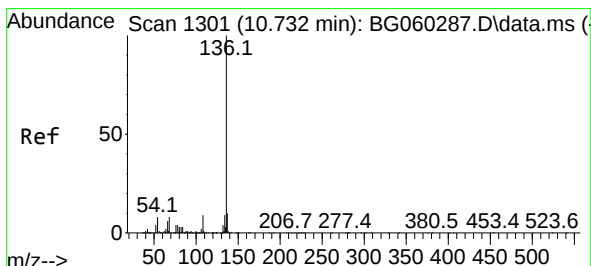
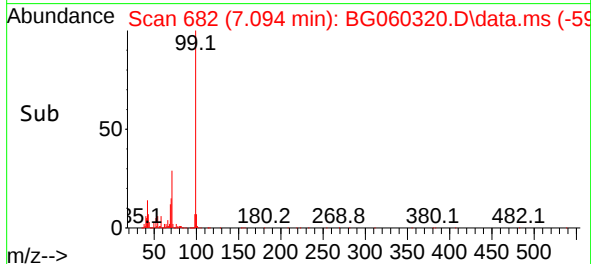
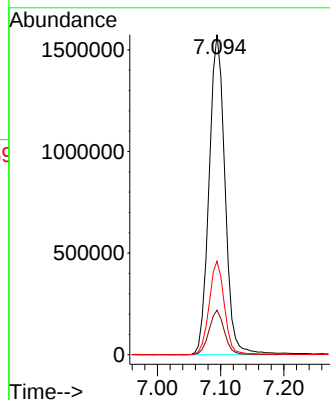
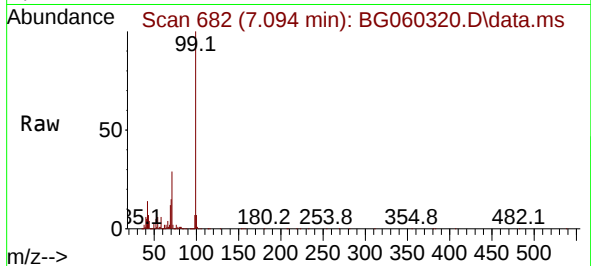


#7
Phenol-d6
Concen: 108.872 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 2746072

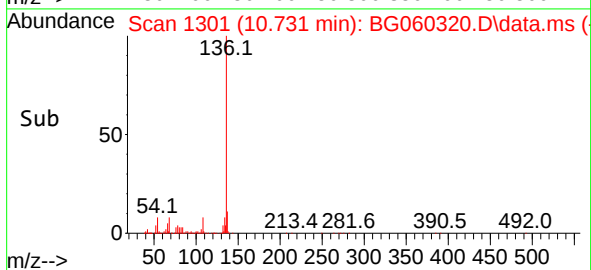
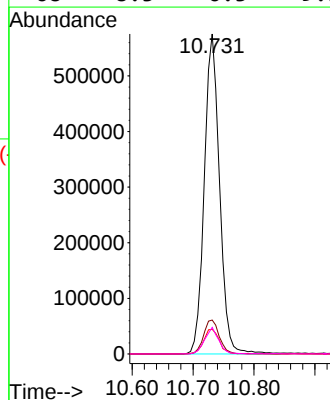
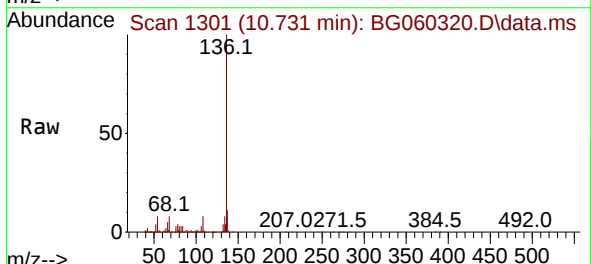
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	29.2	21.5	32.3

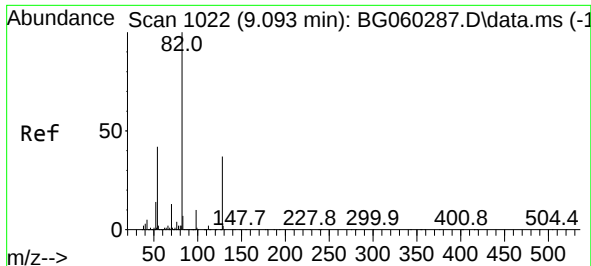


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion: 136 Resp: 1001868

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	7.7	6.2	9.2
68	8.3	6.3	9.5

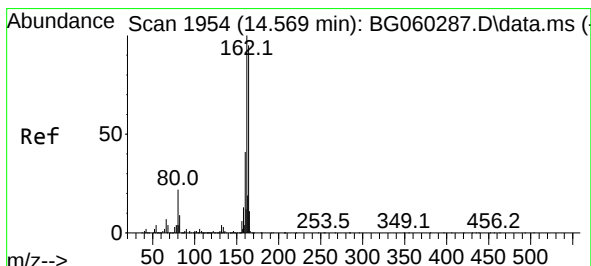
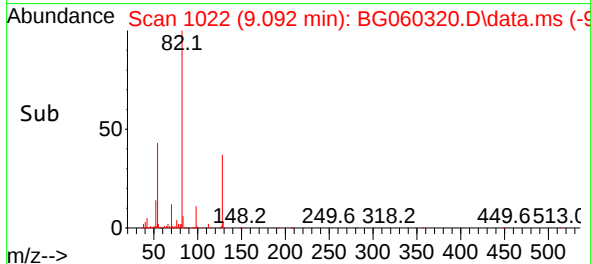
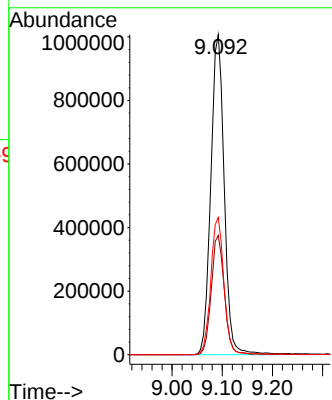
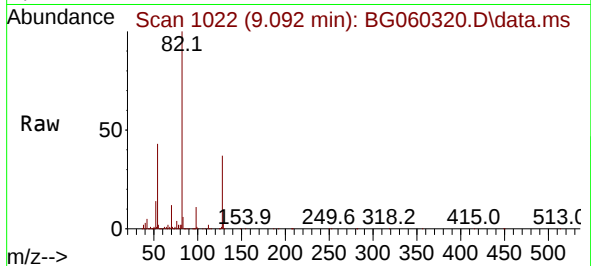




#23
Nitrobenzene-d5
Concen: 88.018 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

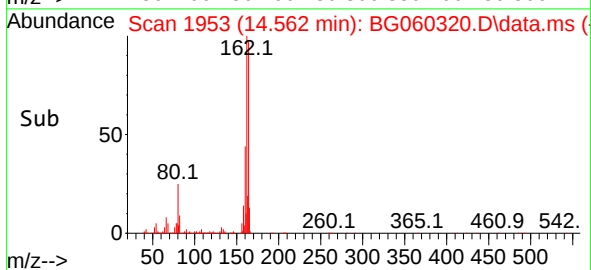
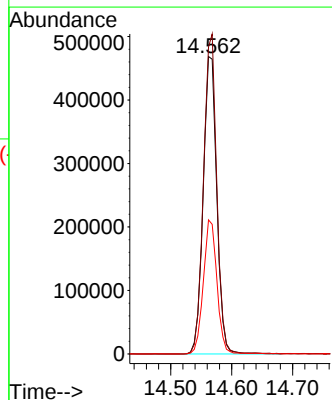
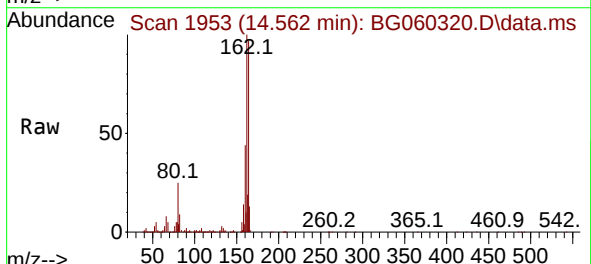
Instrument :
BNA_G
ClientSampleId :
TP-1

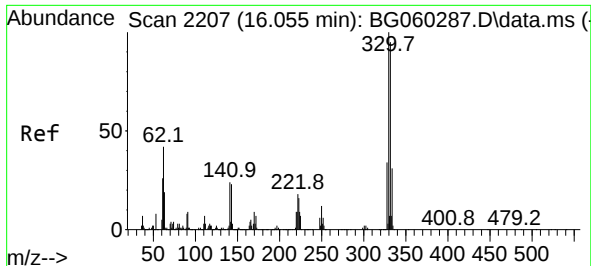
Tgt Ion: 82 Resp: 1867482
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 42.8 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:164 Resp: 725422
Ion Ratio Lower Upper
164 100
162 103.2 84.4 126.6
160 45.1 34.6 52.0

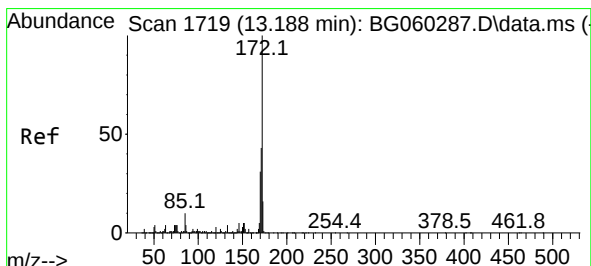
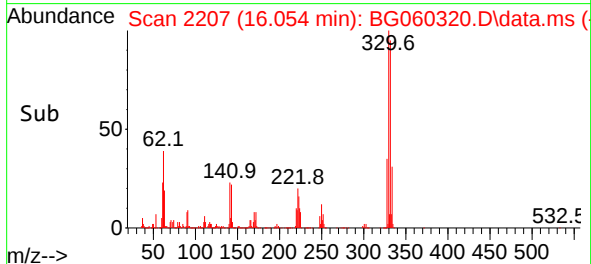
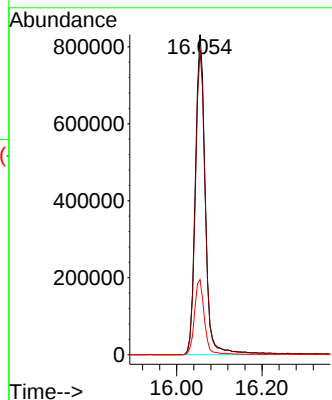
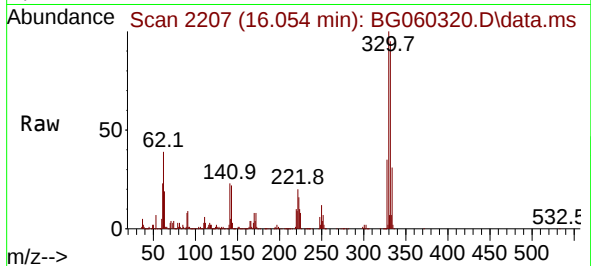




#42
2,4,6-Tribromophenol
Concen: 126.586 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

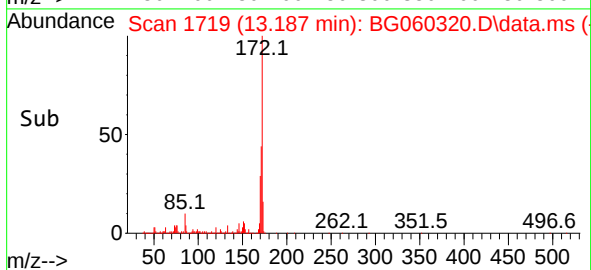
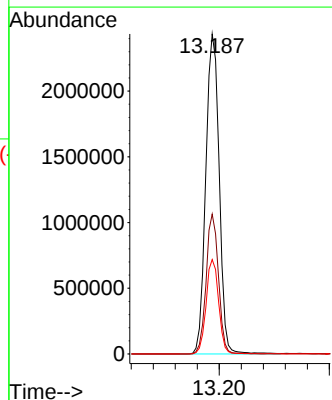
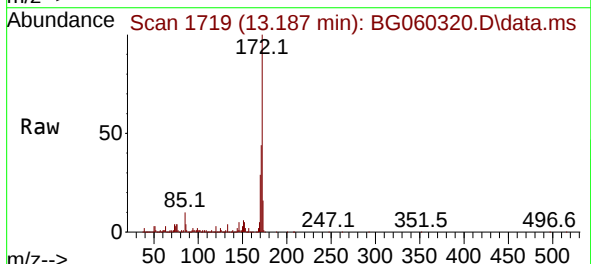
Instrument :
BNA_G
ClientSampleId :
TP-1

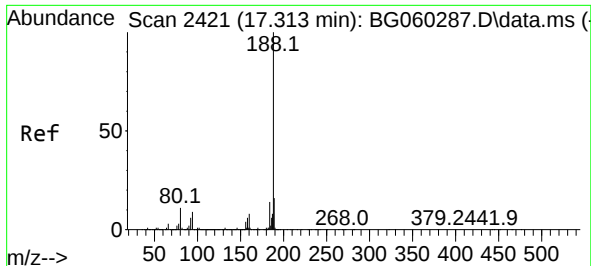
Tgt Ion:330 Resp: 1351062
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 78.945 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:172 Resp: 4119084
Ion Ratio Lower Upper
172 100
171 43.7 34.6 51.8
170 29.5 24.4 36.6

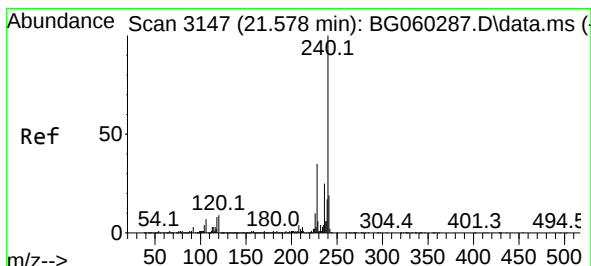
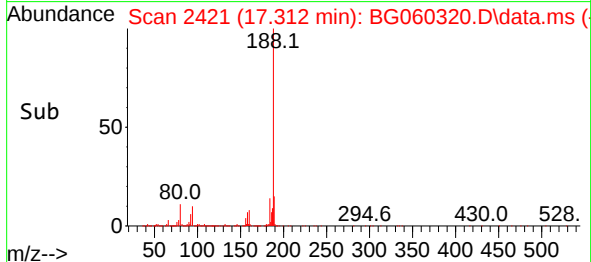
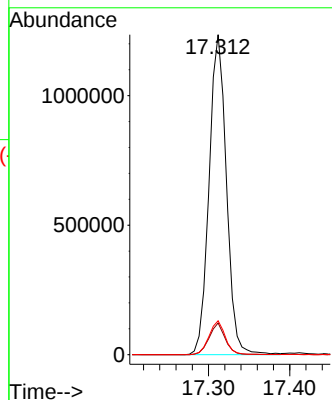
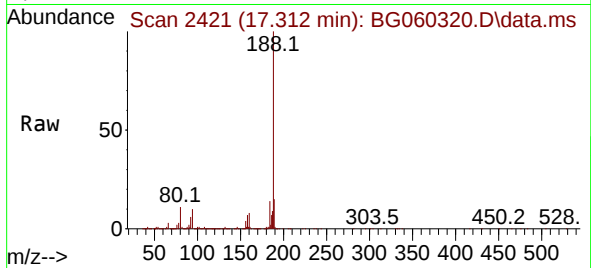




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

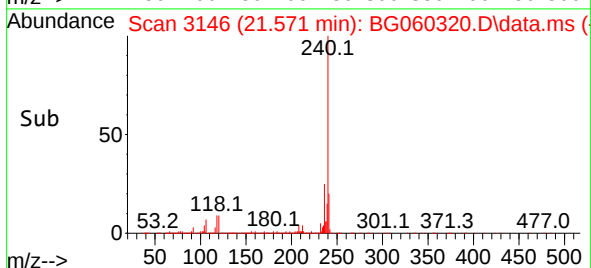
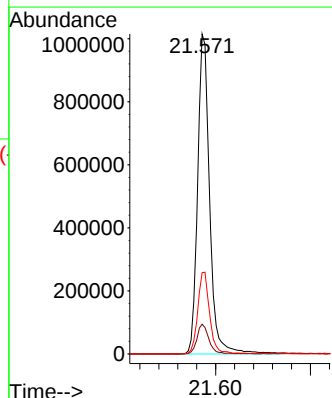
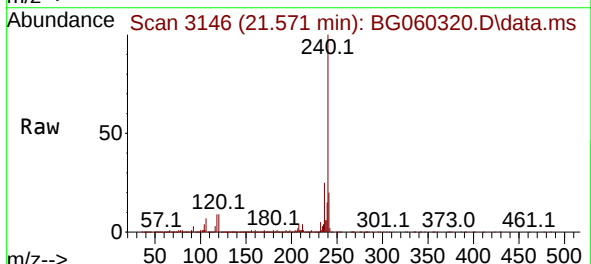
Instrument :
BNA_G
ClientSampleId :
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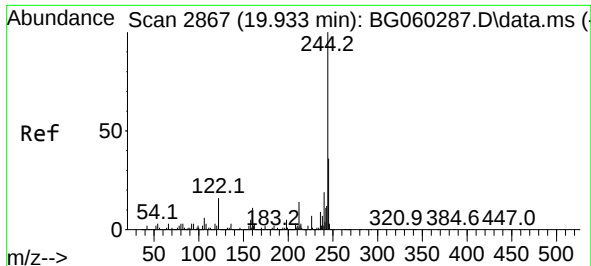
Tgt Ion:188 Resp: 1831752
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060320.D
Acq: 12 Jan 2024 17:50

Tgt Ion:240 Resp: 1781686
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.4 20.3 30.5

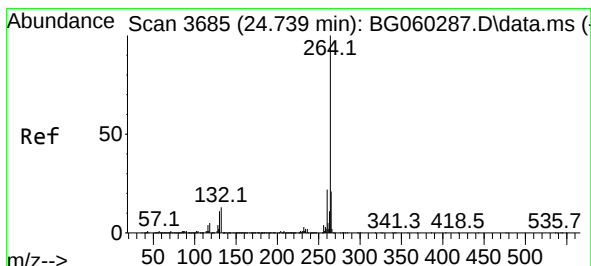
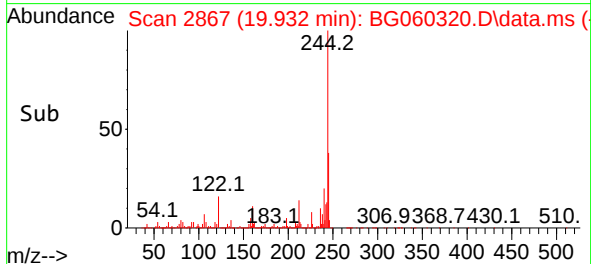
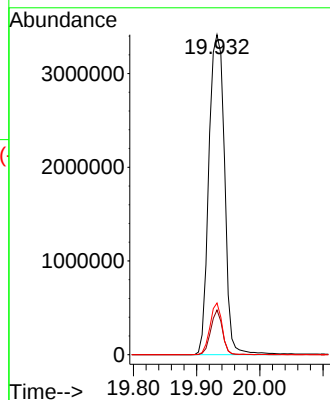
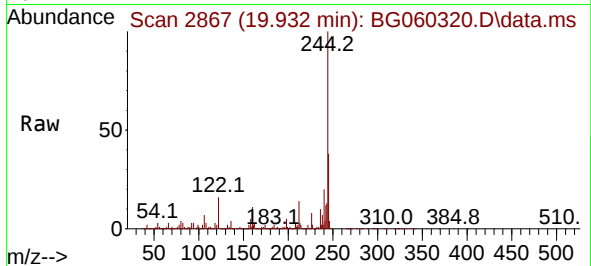




#79
 Terphenyl-d14
 Concen: 82.140 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060320.D
 Acq: 12 Jan 2024 17:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 5876653
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.9 16.3
 122 16.2 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: BG060320.D
 Acq: 12 Jan 2024 17:50

Tgt Ion:264 Resp: 1911501
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.8 26.6
 265 21.2 16.8 25.2

