

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
 Data File : BG060292.D
 Acq On : 8 Jan 2024 21:55
 Operator : MA/JU
 Sample : PB158292BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158292BL

Quant Time: Jan 09 04:21:49 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	282284	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1005976	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	768704	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2031432	20.000	ng	0.00
76) Chrysene-d12	21.574	240	2050589	20.000	ng	0.00
86) Perylene-d12	24.735	264	2237168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	2707135	157.737	ng	0.00
7) Phenol-d6	7.097	99	3342848	131.539	ng	0.00
23) Nitrobenzene-d5	9.095	82	2051934	96.317	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1490163	131.758	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	4737544	85.686	ng	0.00
79) Terphenyl-d14	19.935	244	6543071	78.042	ng	0.00

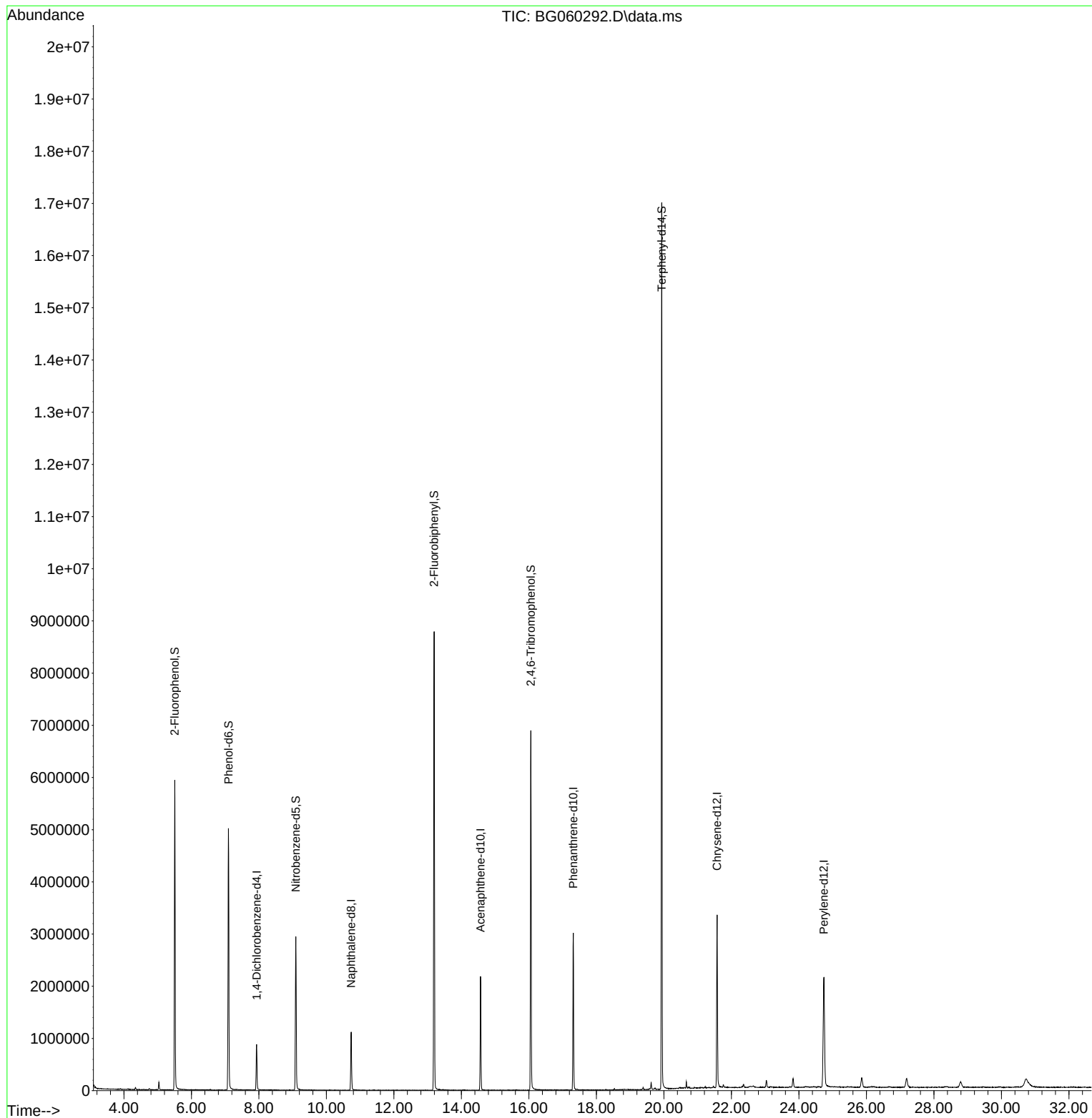
Target Compounds	Qvalue

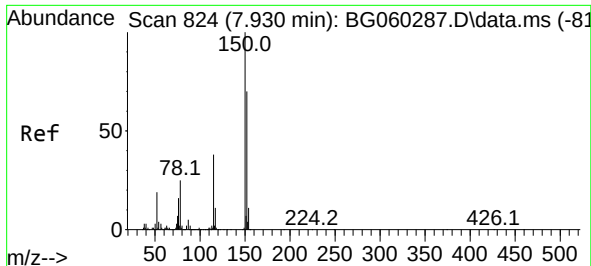
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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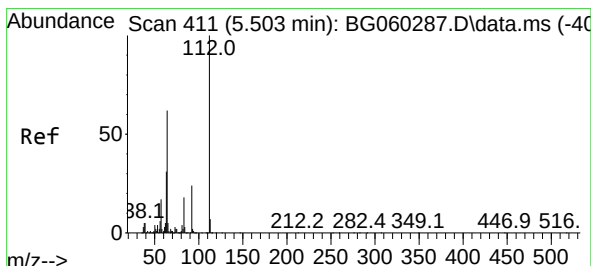
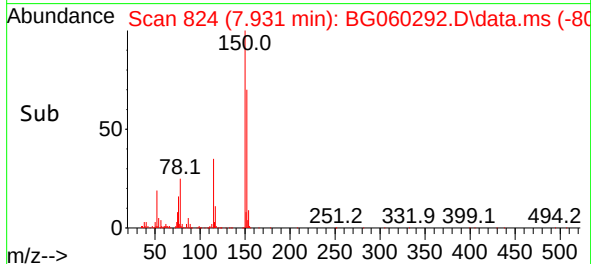
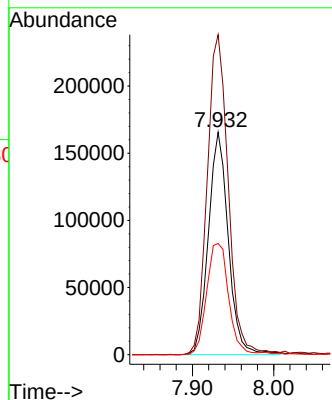
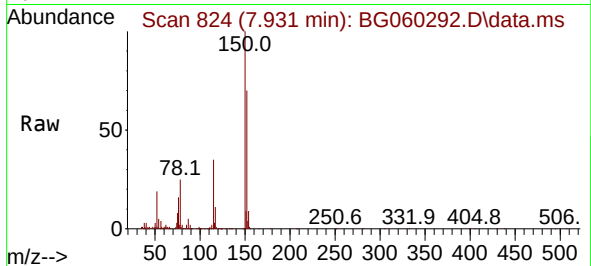




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

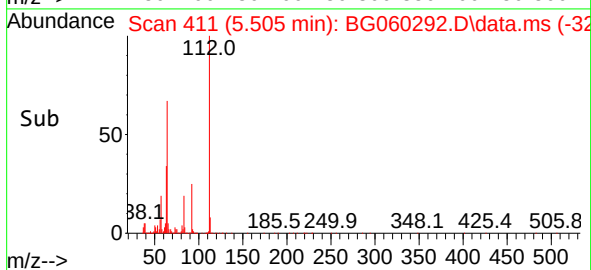
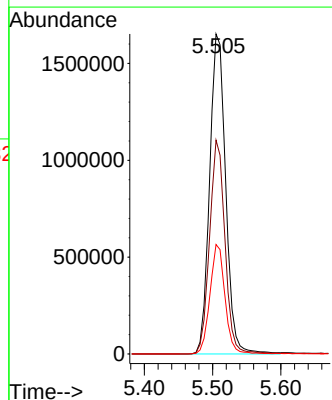
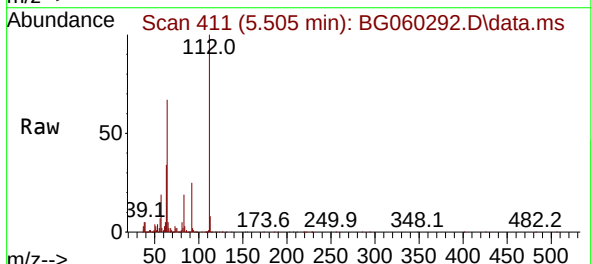
Instrument :
BNA_G
ClientSampleId :
PB158292BL

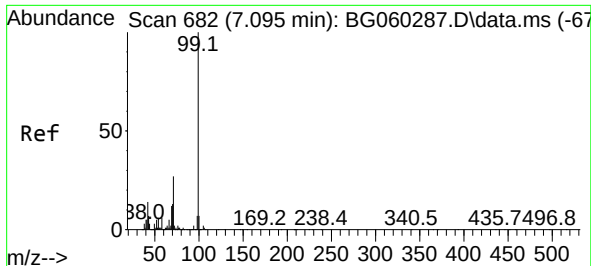
Tgt Ion:152 Resp: 282284
Ion Ratio Lower Upper
152 100
150 143.9 114.5 171.7
115 50.0 43.0 64.6



#5
2-Fluorophenol
Concen: 157.737 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:112 Resp: 2707135
Ion Ratio Lower Upper
112 100
64 66.8 49.8 74.6
63 34.2 24.4 36.6

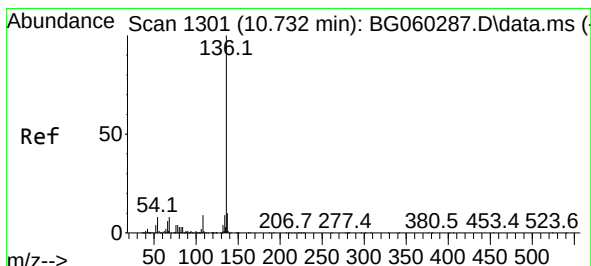
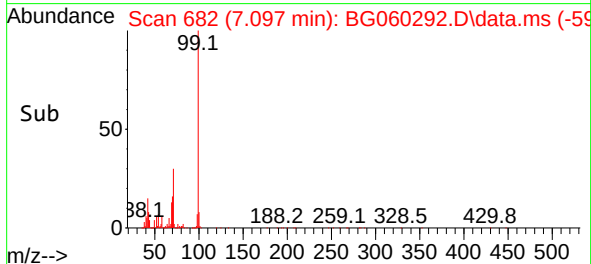
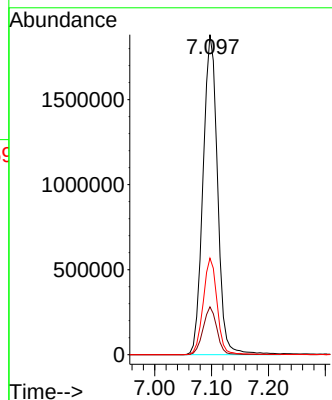
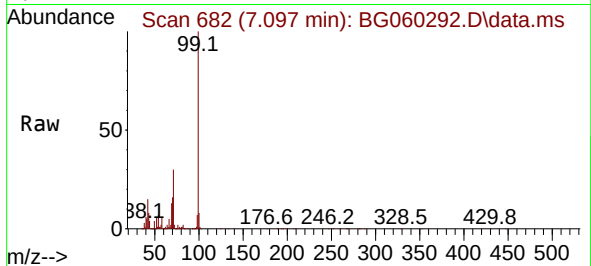




#7
Phenol-d6
Concen: 131.539 ng
RT: 7.097 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

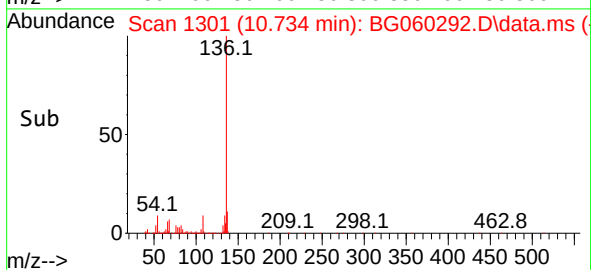
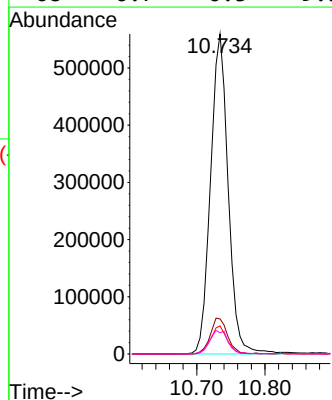
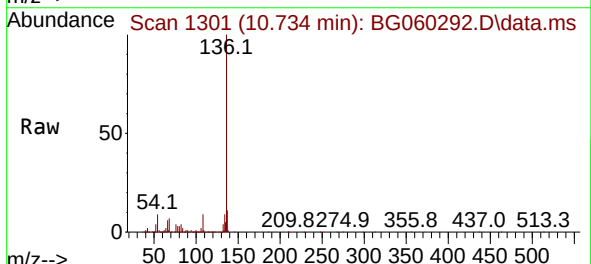
Instrument :
BNA_G
ClientSampleId :
PB158292BL

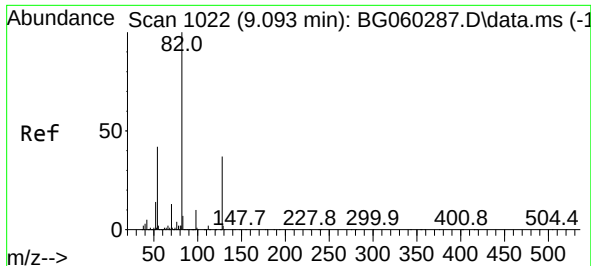
Tgt Ion: 99 Resp: 3342848
Ion Ratio Lower Upper
99 100
42 15.0 10.9 16.3
71 30.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:136 Resp: 1005976
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.8 6.2 9.2
68 6.7 6.3 9.5

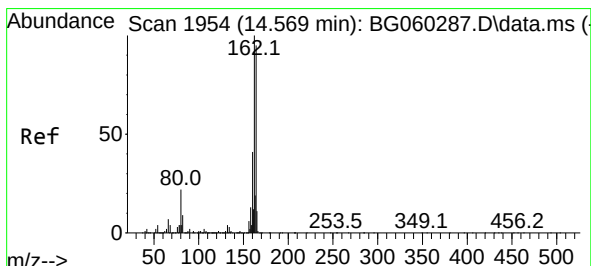
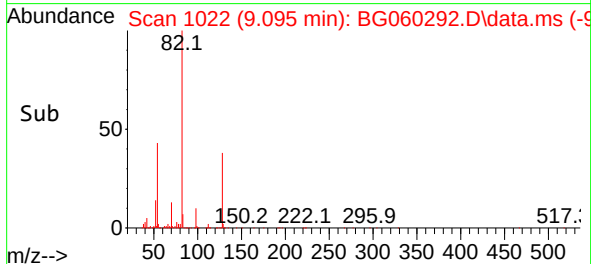
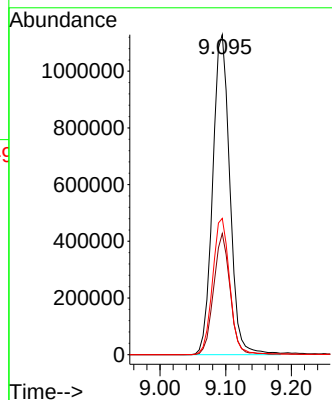
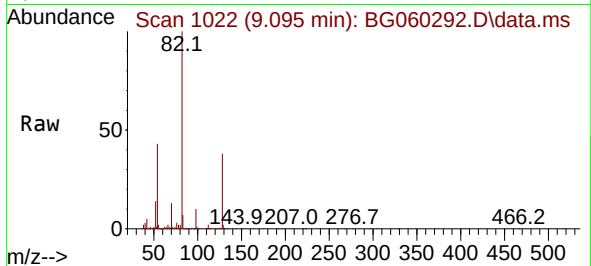




#23
Nitrobenzene-d5
Concen: 96.317 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

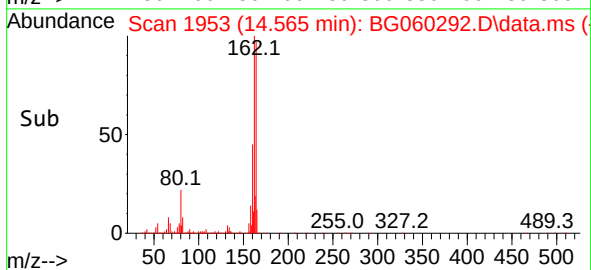
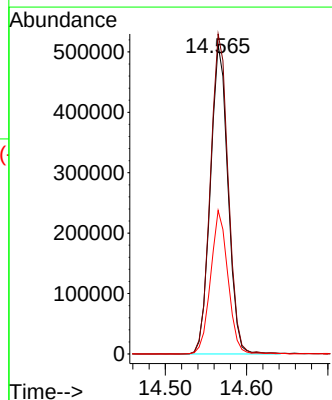
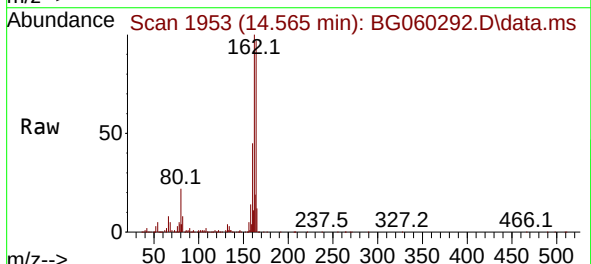
Instrument :
BNA_G
ClientSampleId :
PB158292BL

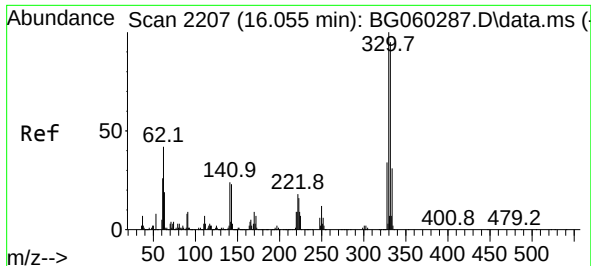
Tgt Ion: 82 Resp: 2051934
Ion Ratio Lower Upper
82 100
128 37.9 29.6 44.4
54 42.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:164 Resp: 768704
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 46.4 34.6 52.0

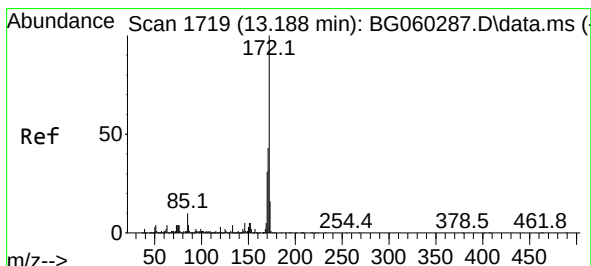
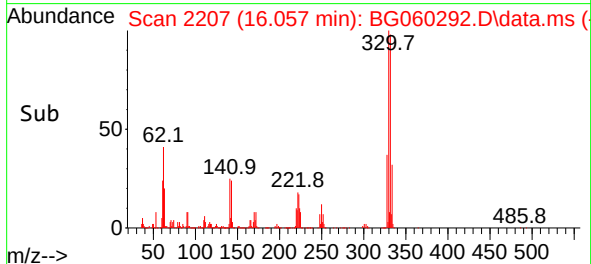
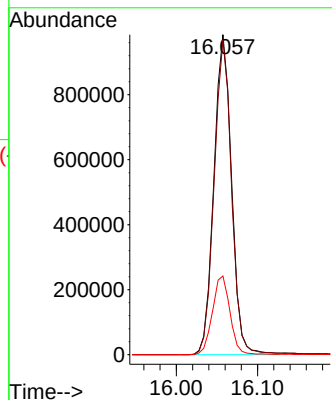
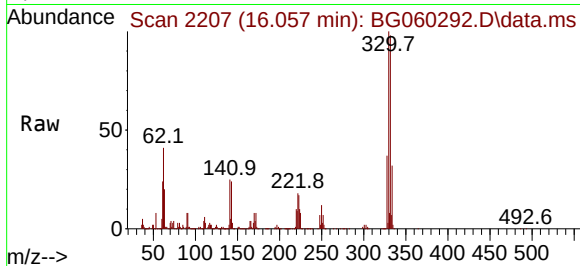




#42
2,4,6-Tribromophenol
Concen: 131.758 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

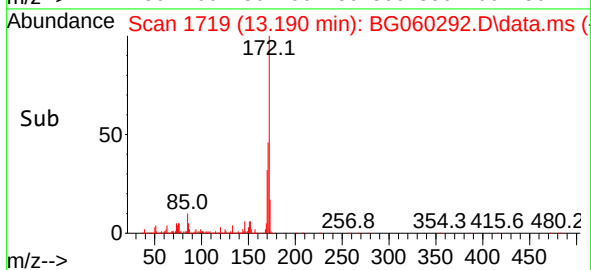
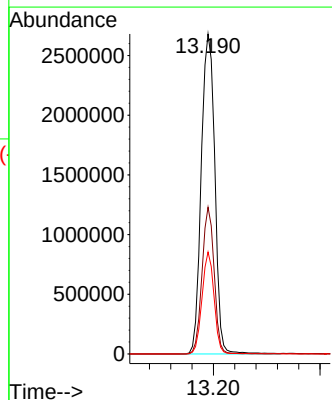
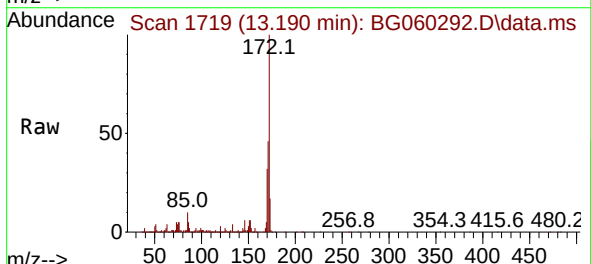
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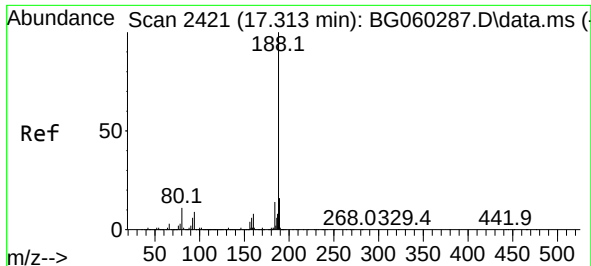
Tgt Ion:330 Resp: 1490163
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 24.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 85.686 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:172 Resp: 4737544
Ion Ratio Lower Upper
172 100
171 45.8 34.6 51.8
170 31.8 24.4 36.6

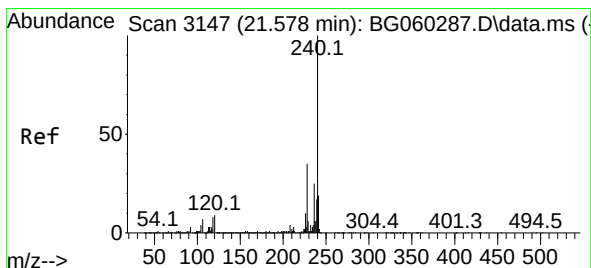
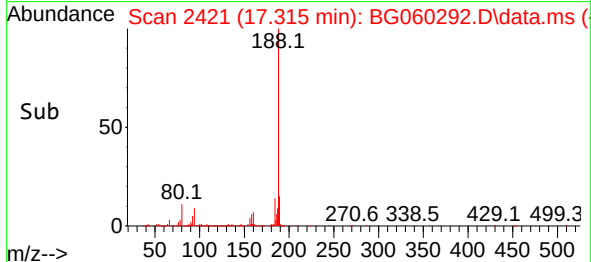
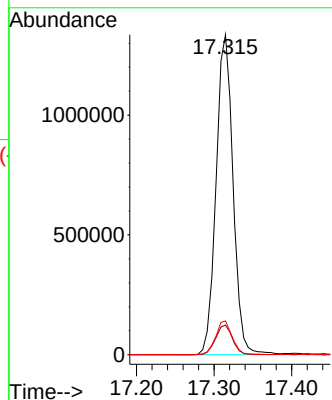
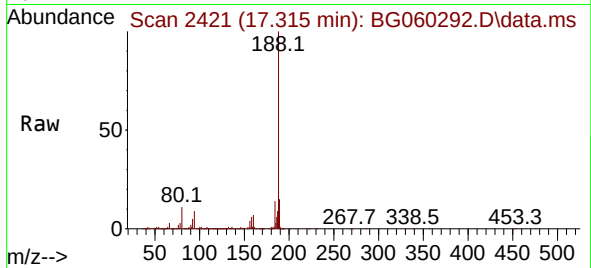




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

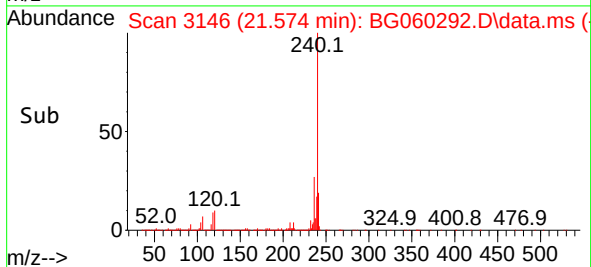
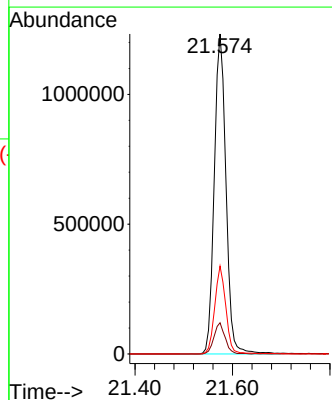
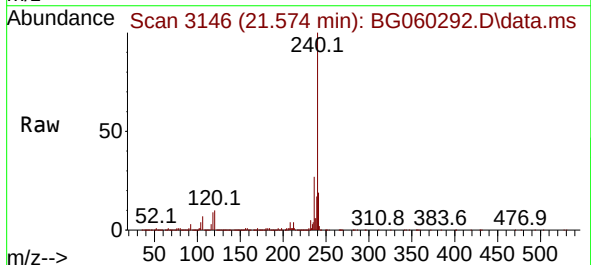
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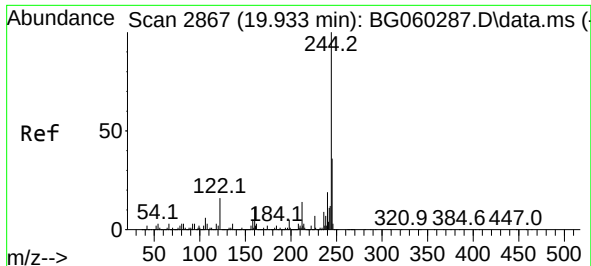
Tgt Ion:188 Resp: 2031432
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:240 Resp: 2050589
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 27.4 20.3 30.5

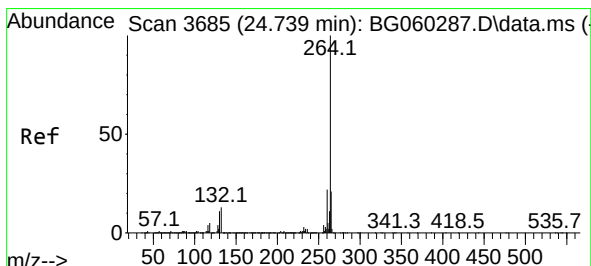
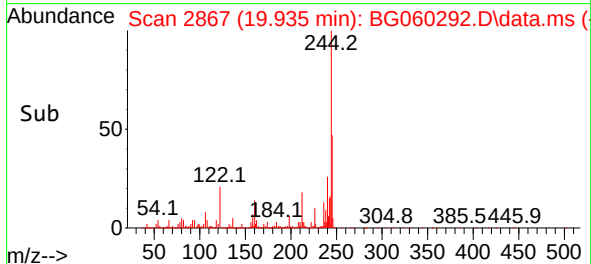
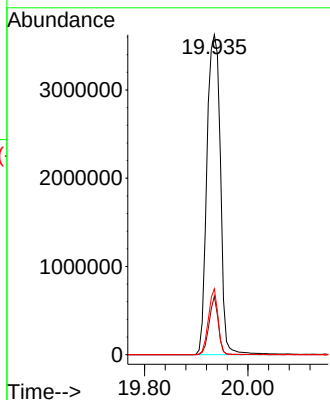
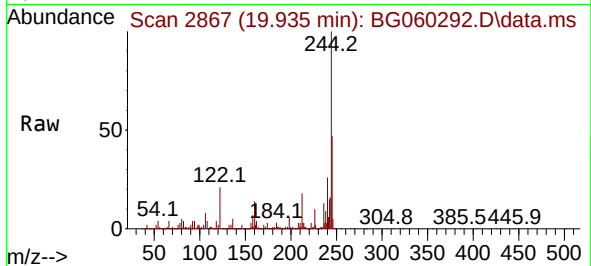




#79
 Terphenyl-d14
 Concen: 78.042 ng
 RT: 19.935 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG060292.D
 Acq: 8 Jan 2024 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB158292BL

Tgt Ion:244 Resp: 6543071
 Ion Ratio Lower Upper
 244 100
 212 18.2 10.9 16.3#
 122 20.6 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3684
 Delta R.T. -0.004 min
 Lab File: BG060292.D
 Acq: 8 Jan 2024 21:55

Tgt Ion:264 Resp: 2237168
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.8 26.6
 265 21.3 16.8 25.2

