

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060047.D
 Acq On : 15 Dec 2023 23:16
 Operator : MA/JU
 Sample : PB157761TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157761TB

Quant Time: Dec 16 02:07:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	59142	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	232786	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	200732	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	652917	20.000	ng	0.00
76) Chrysene-d12	21.607	240	811510	20.000	ng	0.00
86) Perylene-d12	24.798	264	937331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	225640	65.311	ng	0.00
7) Phenol-d6	7.113	99	401456	82.607	ng	0.00
23) Nitrobenzene-d5	9.116	82	274449	53.535	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	729620	155.969	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1242419	75.752	ng	0.00
79) Terphenyl-d14	19.962	244	4416535	99.362	ng	0.00

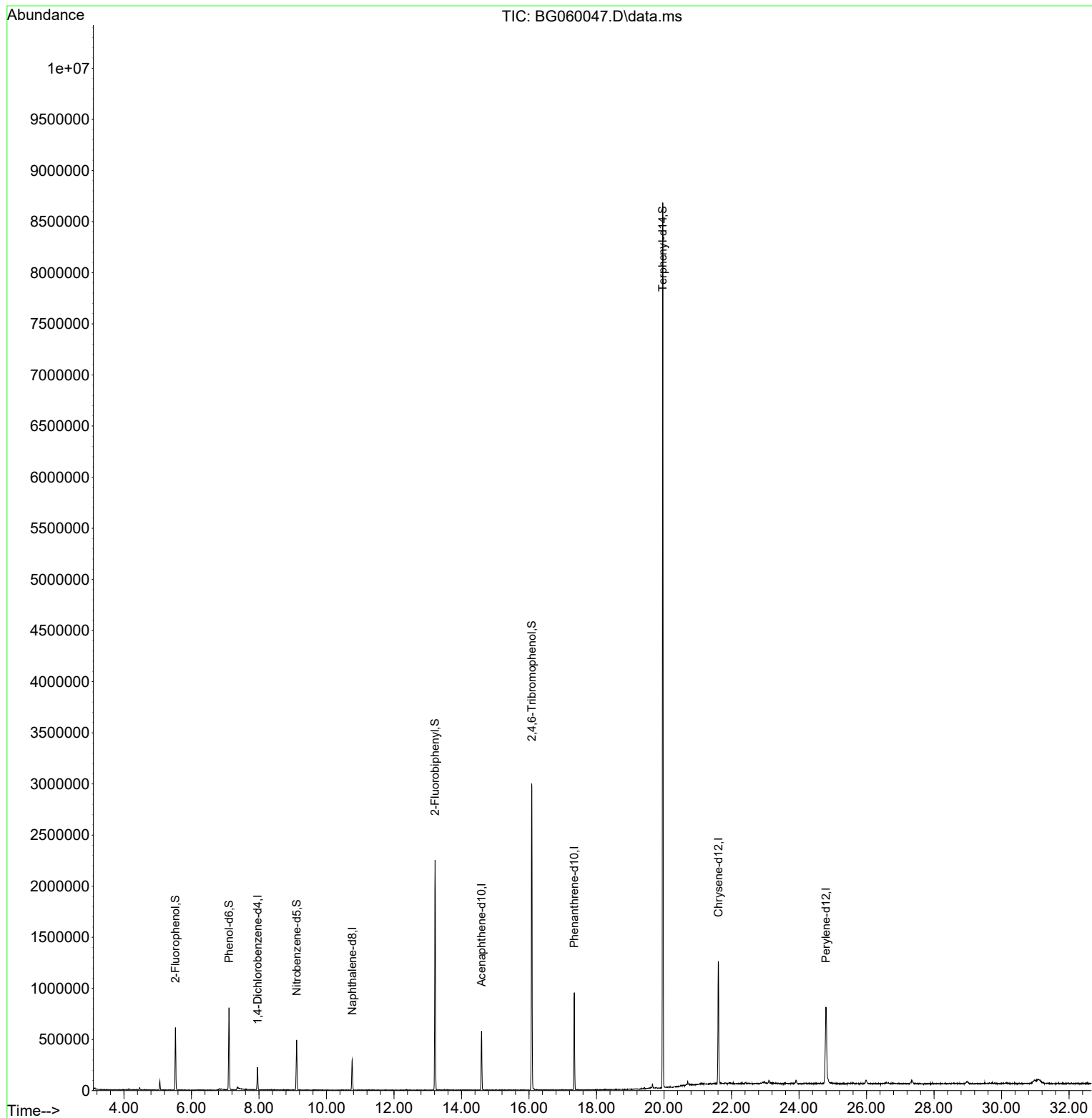
Target Compounds	Qvalue

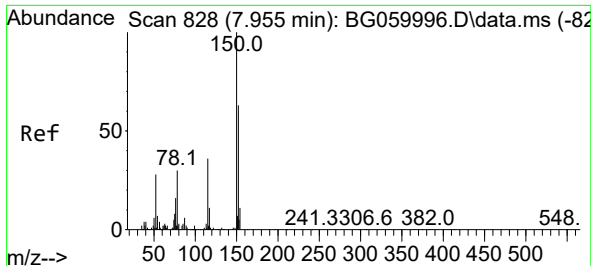
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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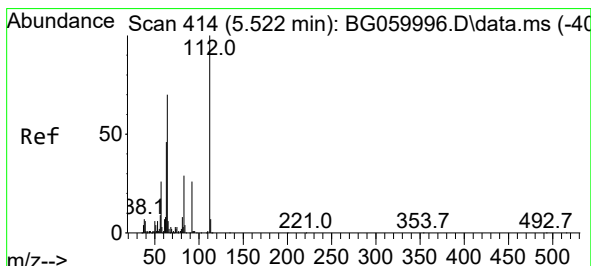
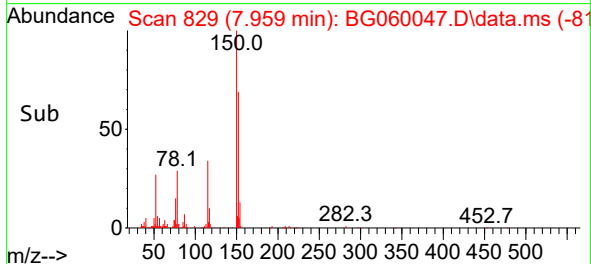
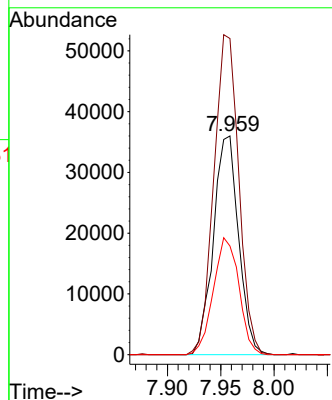
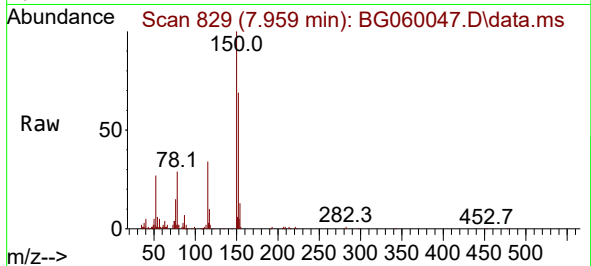




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

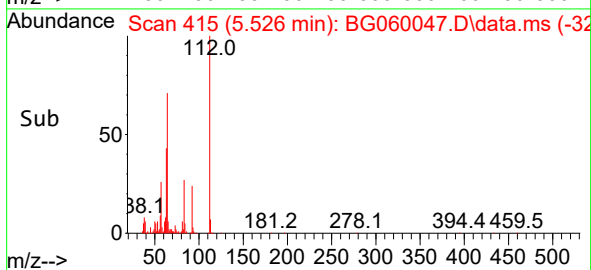
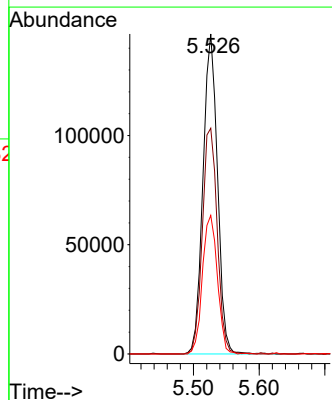
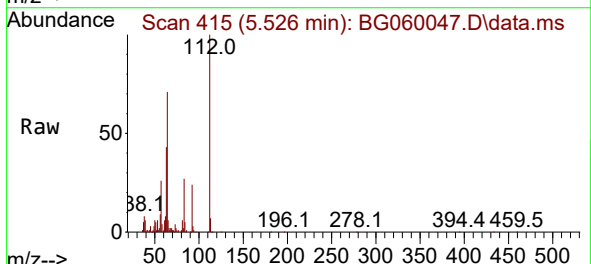
Instrument :
BNA_G
ClientSampleId :
PB157761TB

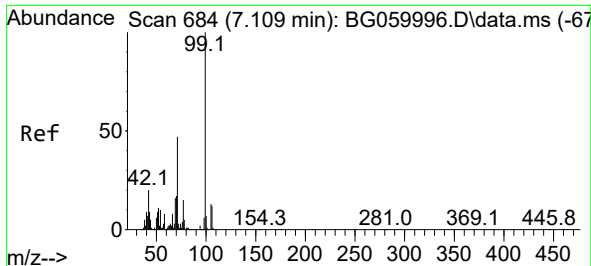
Tgt Ion:152 Resp: 59142
Ion Ratio Lower Upper
152 100
150 144.5 127.0 190.6
115 49.7 45.7 68.5



#5
2-Fluorophenol
Concen: 65.311 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

Tgt Ion:112 Resp: 225640
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 43.3 36.5 54.7

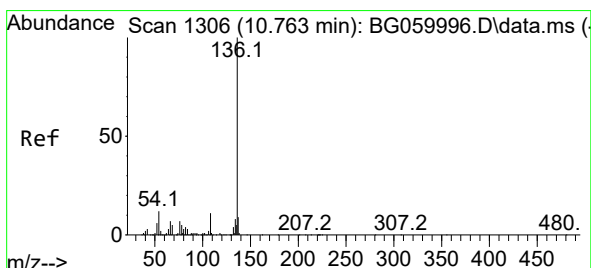
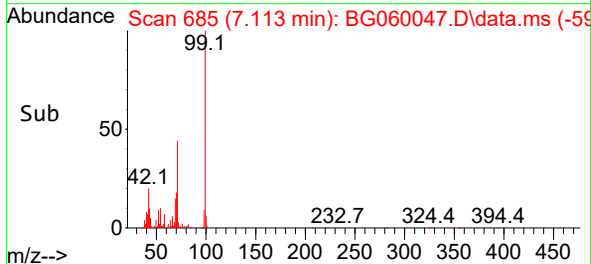
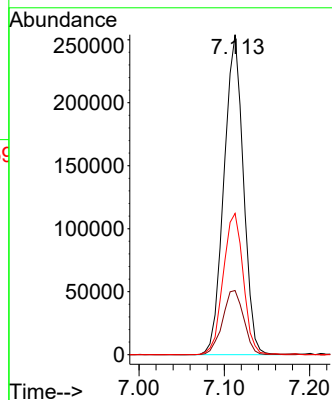
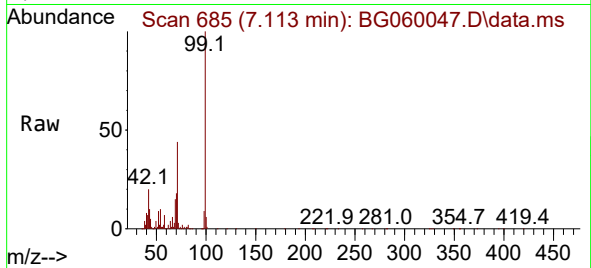




#7
Phenol-d6
Concen: 82.607 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

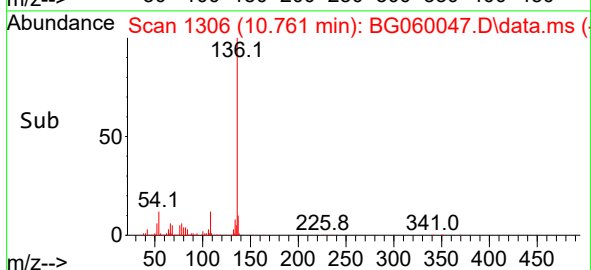
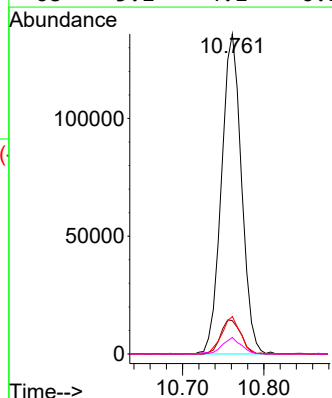
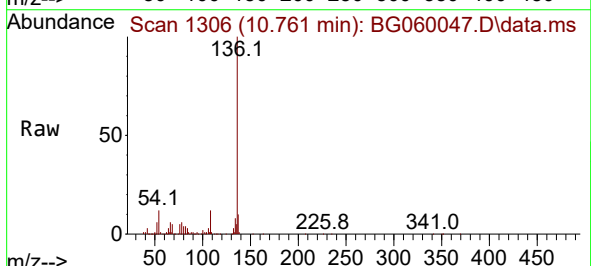
Instrument :
BNA_G
ClientSampleId :
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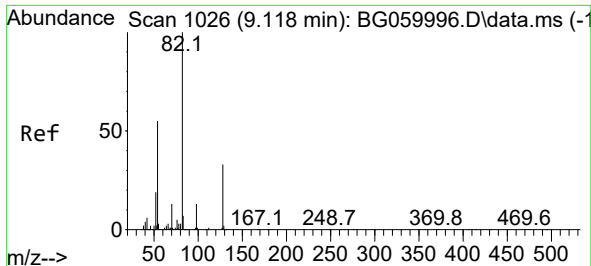
Tgt Ion: 99 Resp: 401456
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.4
71 44.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

Tgt Ion: 136 Resp: 232786
Ion Ratio Lower Upper
136 100
137 10.4 7.3 10.9
54 11.7 9.6 14.4
68 5.1 4.1 6.1

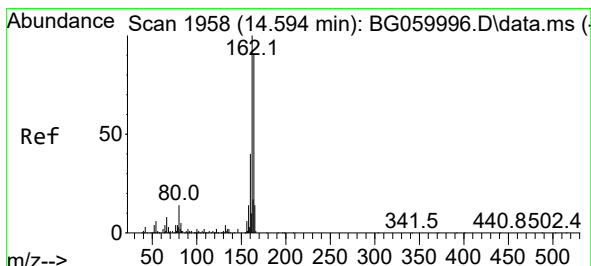
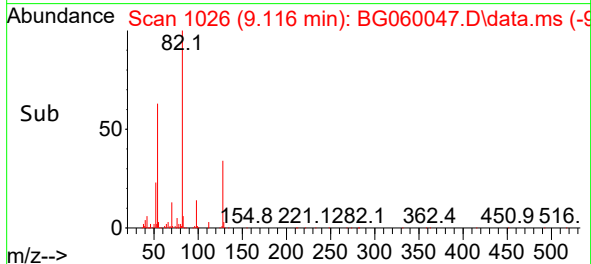
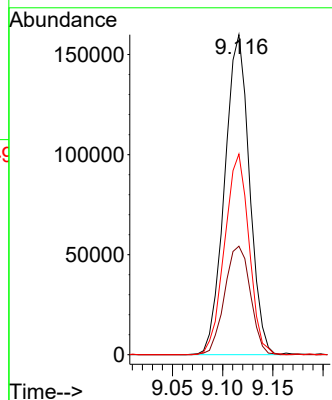
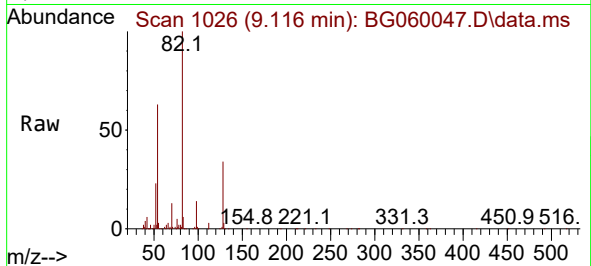




#23
Nitrobenzene-d5
Concen: 53.535 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

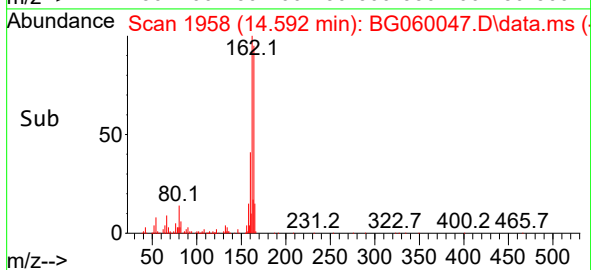
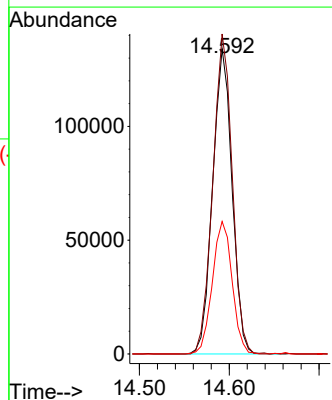
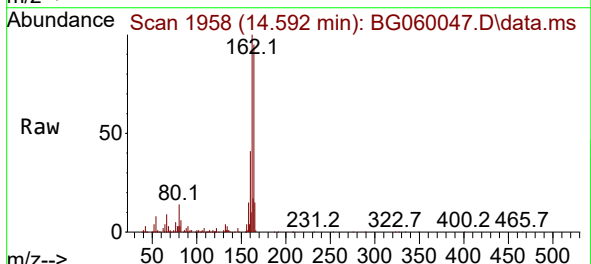
Instrument :
BNA_G
ClientSampleId :
PB157761TB

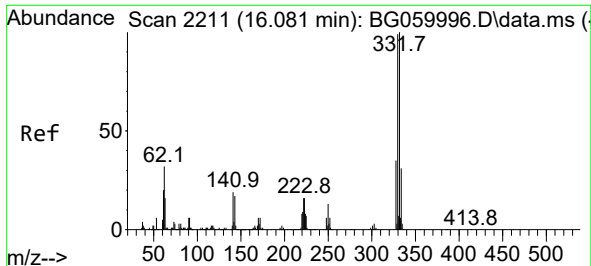
Tgt Ion: 82 Resp: 274449
Ion Ratio Lower Upper
82 100
128 33.9 26.3 39.5
54 62.7 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

Tgt Ion: 164 Resp: 200732
Ion Ratio Lower Upper
164 100
162 104.8 88.1 132.1
160 43.4 35.4 53.0

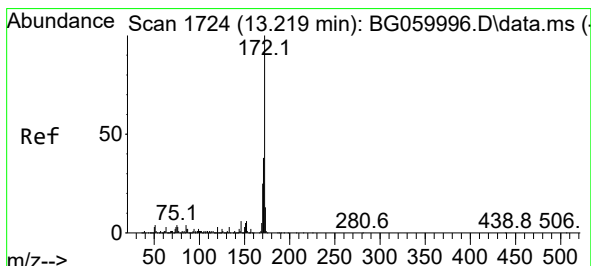
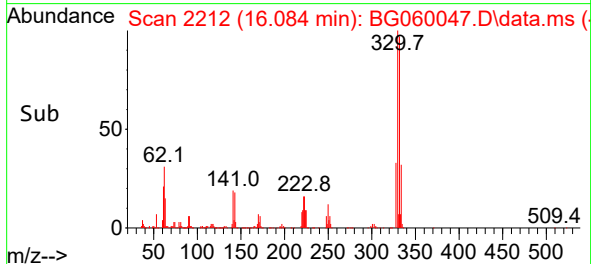
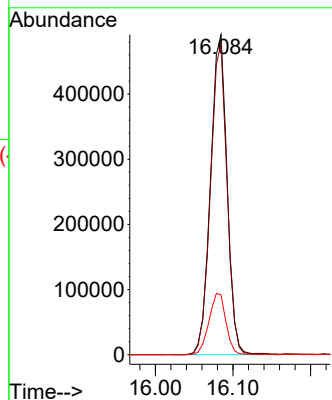
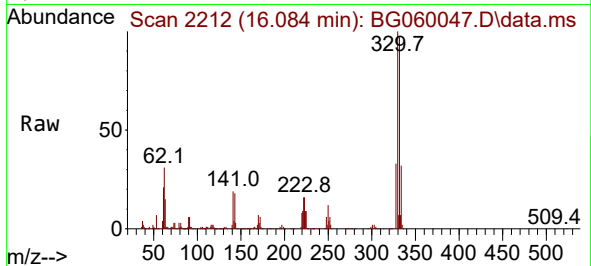




#42
2,4,6-Tribromophenol
Concen: 155.969 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

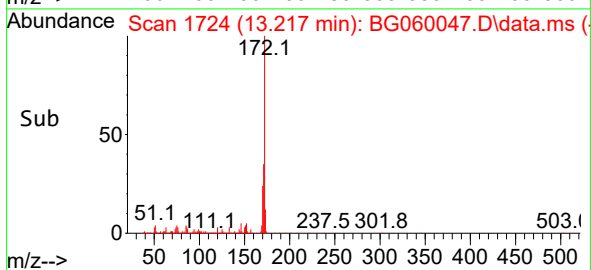
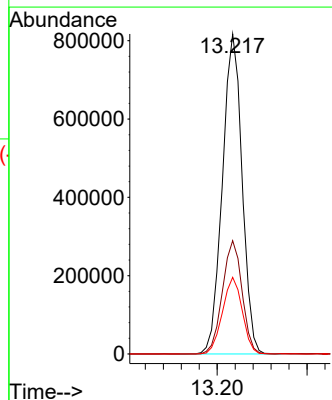
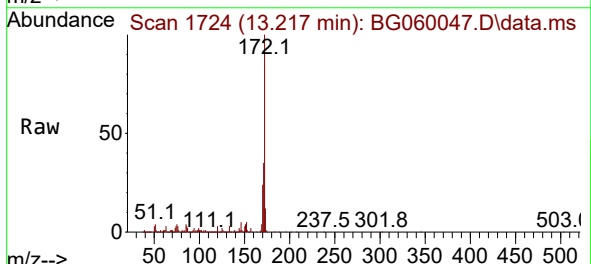
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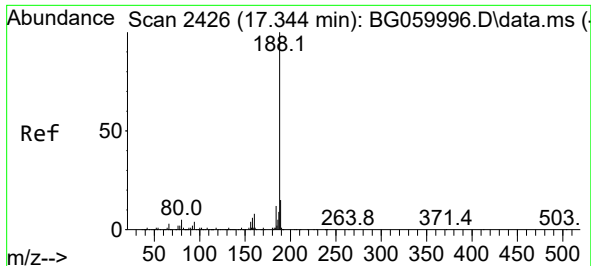
Tgt Ion:330 Resp: 729620
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 19.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 75.752 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

Tgt Ion:172 Resp: 1242419
Ion Ratio Lower Upper
172 100
171 35.4 30.1 45.1
170 24.0 20.0 30.0

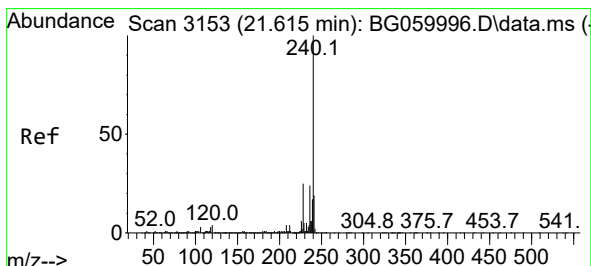
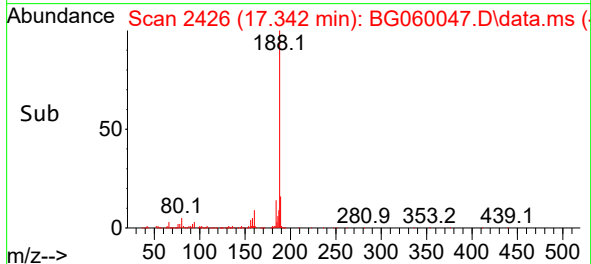
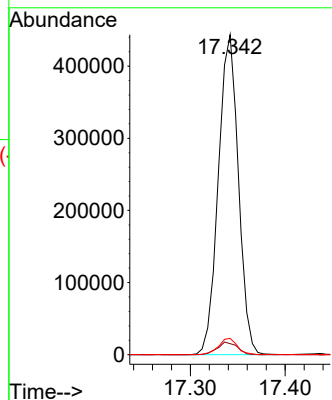
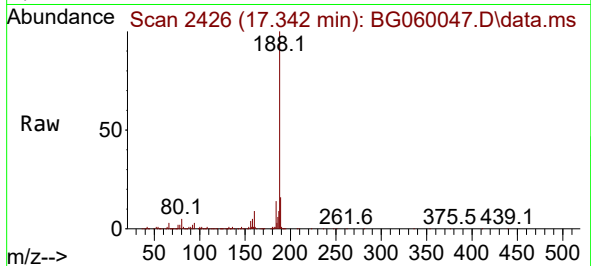




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

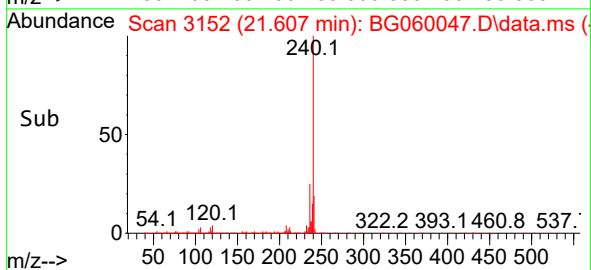
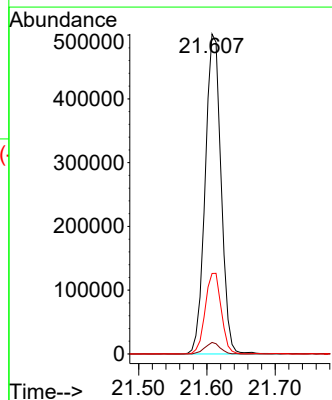
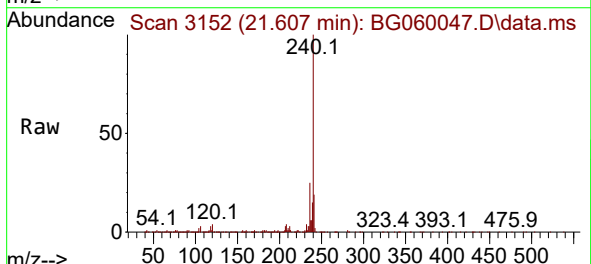
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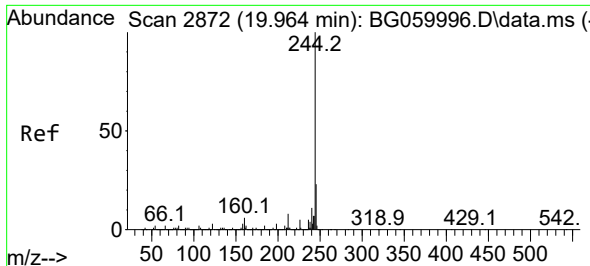
Tgt Ion:188 Resp: 652917
Ion Ratio Lower Upper
188 100
94 3.4 3.0 4.6
80 5.1 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060047.D
Acq: 15 Dec 2023 23:16

Tgt Ion:240 Resp: 811510
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 25.2 19.4 29.2

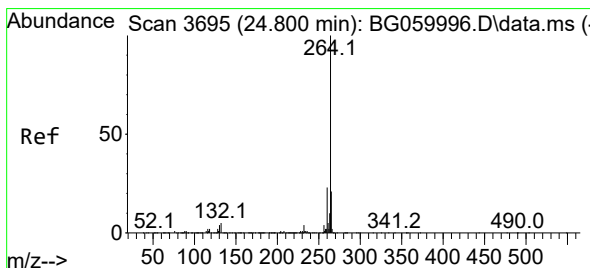
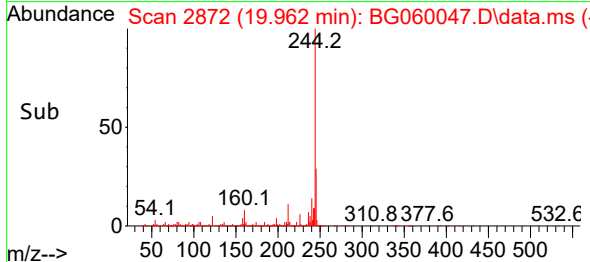
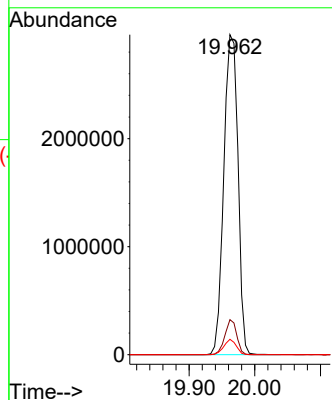
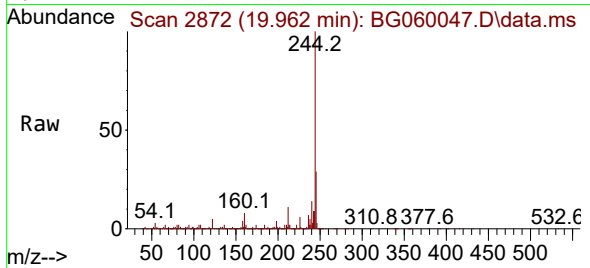




#79
 Terphenyl-d14
 Concen: 99.362 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060047.D
 Acq: 15 Dec 2023 23:16

Instrument :
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Tgt Ion:244 Resp: 4416535
 Ion Ratio Lower Upper
 244 100
 212 10.9 6.8 10.2#
 122 4.8 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060047.D
 Acq: 15 Dec 2023 23:16

Tgt Ion:264 Resp: 937331
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.7 17.3 25.9

