

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060174.D
Acq On : 26 Dec 2023 17:49
Operator : MA/JU
Sample : PB158041BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158041BL

Quant Time: Dec 27 01:02:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 00:45:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	194248	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	826880	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	711175	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1988943	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1895433	20.000	ng	0.00
86) Perylene-d12	24.762	264	2135291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2158535	177.879	ng	0.00
7) Phenol-d6	7.100	99	3297270	172.120	ng	0.00
23) Nitrobenzene-d5	9.104	82	1749020	99.981	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1533987	160.732	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4371590	96.414	ng	0.00
79) Terphenyl-d14	19.944	244	6551310	93.768	ng	0.00

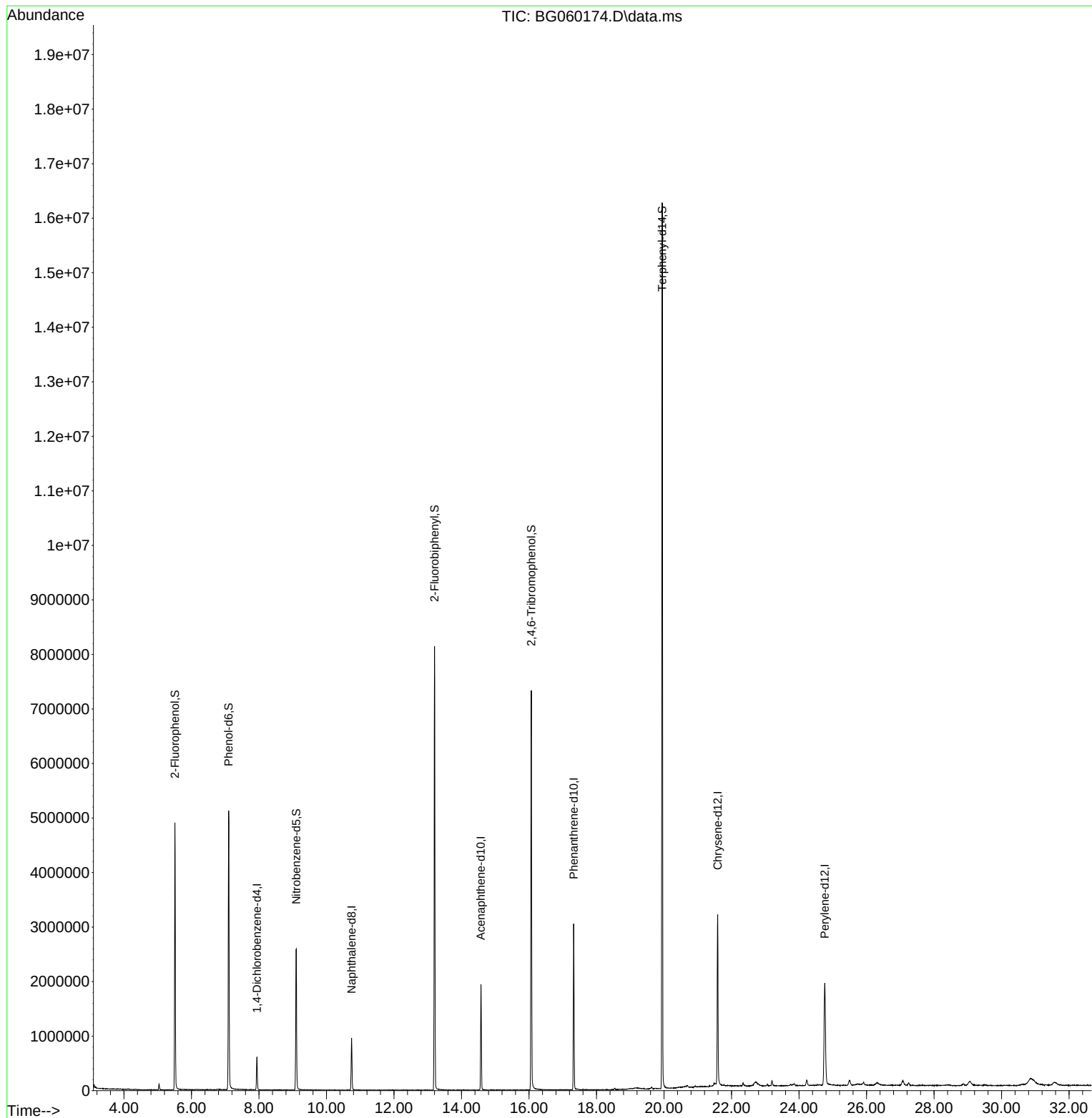
Target Compounds	Qvalue

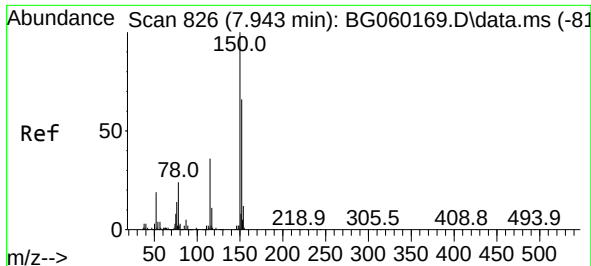
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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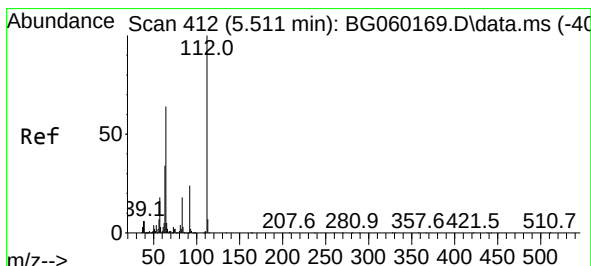
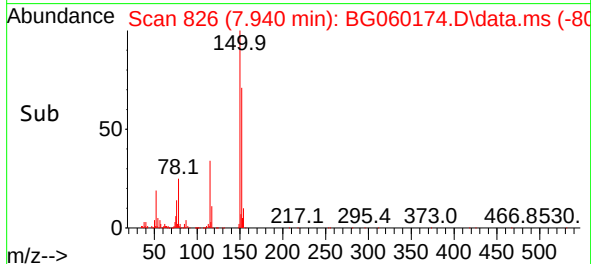
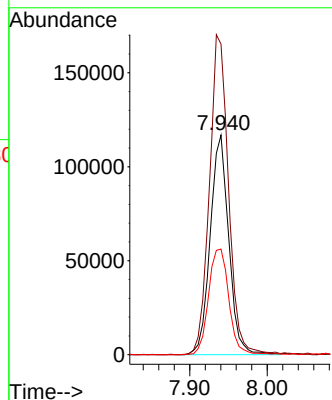
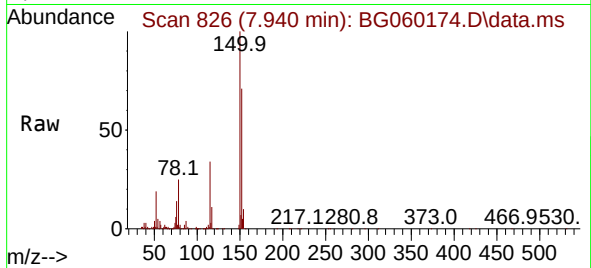




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

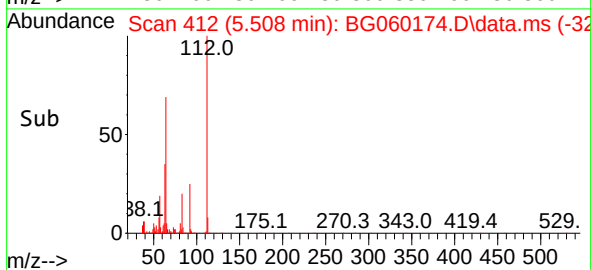
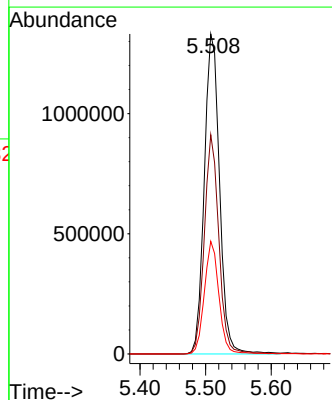
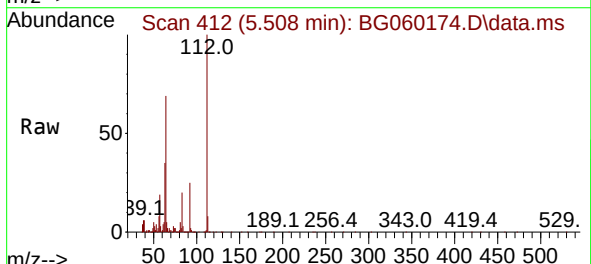
Instrument :
BNA_G
ClientSampleId :
PB158041BL

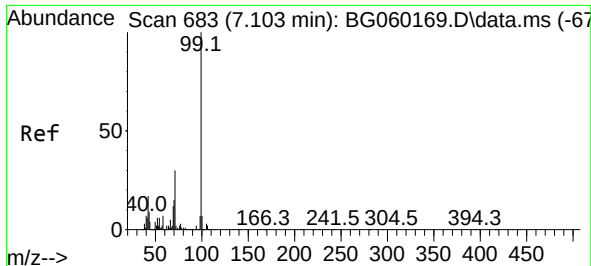
Tgt Ion:152 Resp: 194248
Ion Ratio Lower Upper
152 100
150 141.5 120.5 180.7
115 48.1 42.9 64.3



#5
2-Fluorophenol
Concen: 177.879 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:112 Resp: 2158535
Ion Ratio Lower Upper
112 100
64 68.5 50.8 76.2
63 35.2 27.0 40.4

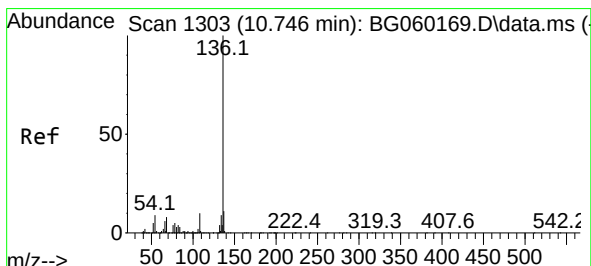
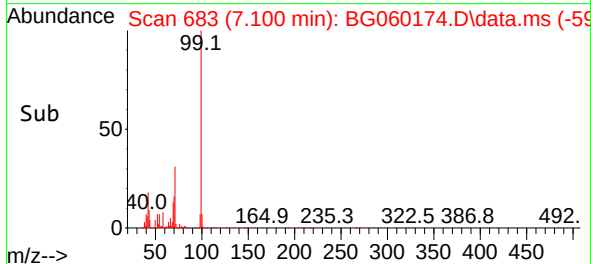
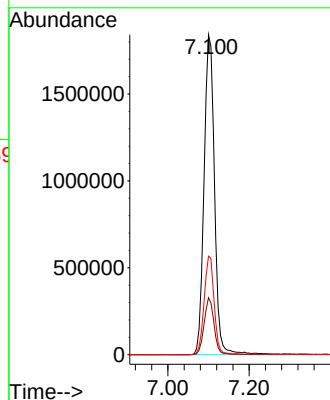
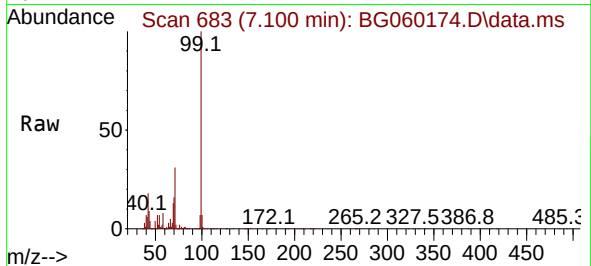




#7
Phenol-d6
Concen: 172.120 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

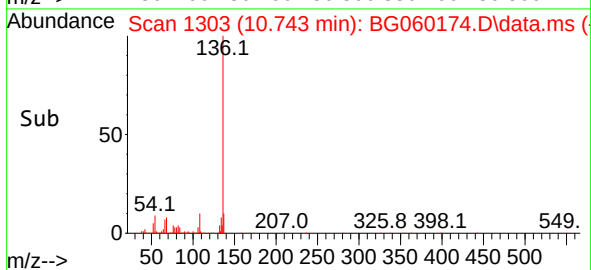
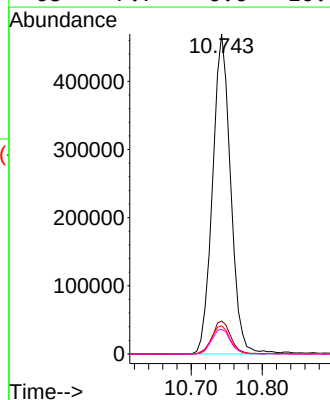
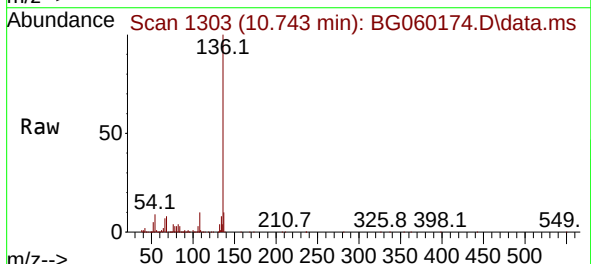
Instrument :
BNA_G
ClientSampleId :
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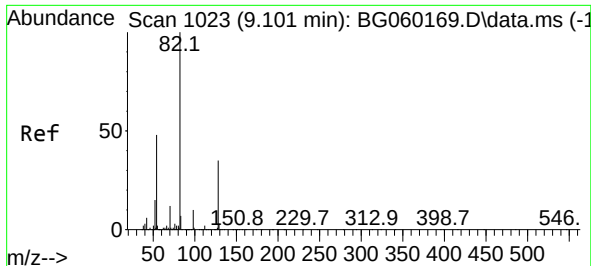
Tgt Ion: 99 Resp: 3297270
Ion Ratio Lower Upper
99 100
42 17.8 13.4 20.0
71 30.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion: 136 Resp: 826880
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.8 7.5 11.3
68 7.7 6.6 10.0

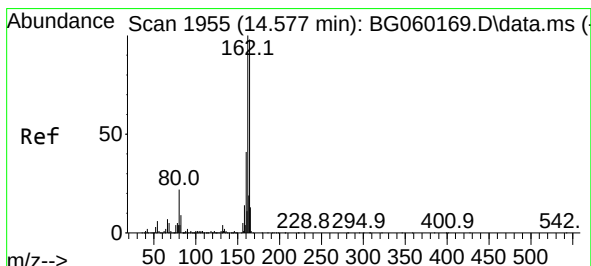
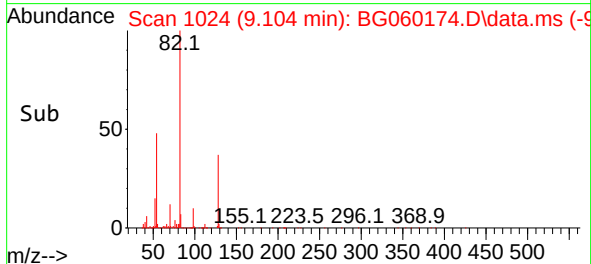
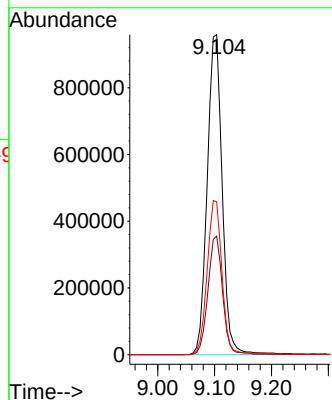
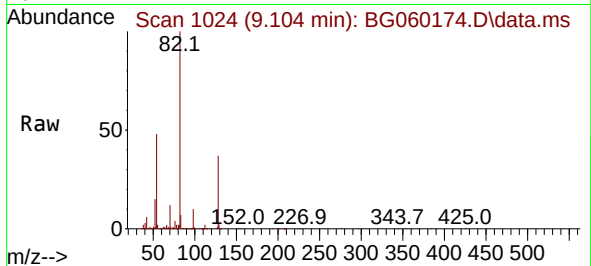




#23
Nitrobenzene-d5
Concen: 99.981 ng
RT: 9.104 min Scan# 1023
Delta R.T. 0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

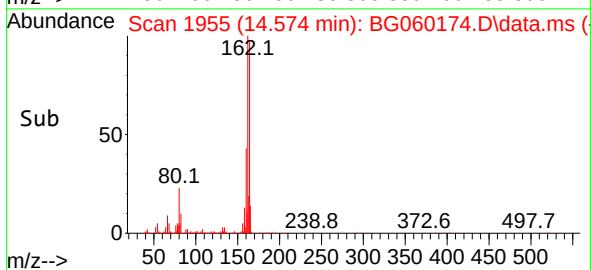
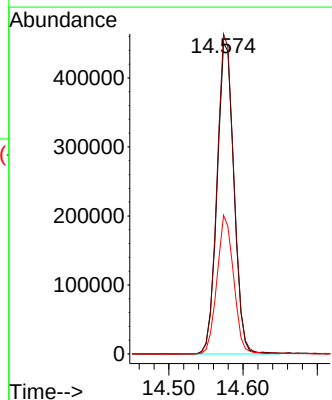
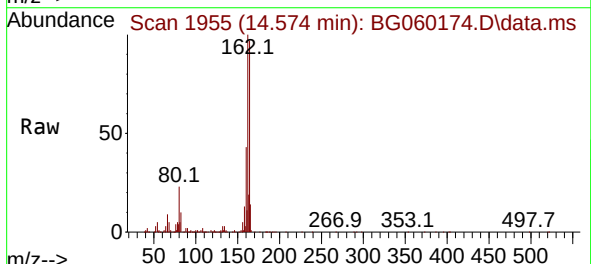
Instrument :
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ClientSampleId :
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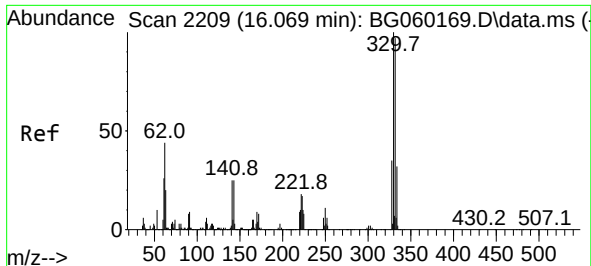
Tgt Ion: 82 Resp: 1749020
Ion Ratio Lower Upper
82 100
128 37.1 28.2 42.2
54 47.8 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion: 164 Resp: 711175
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 44.6 33.8 50.6

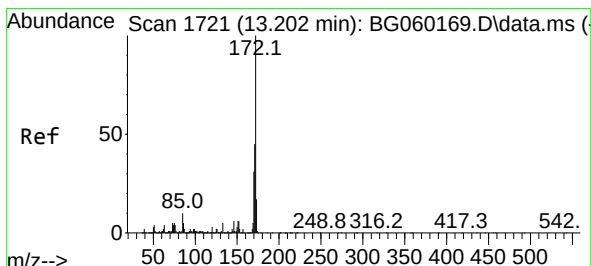
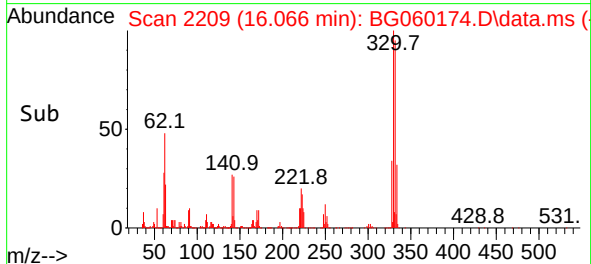
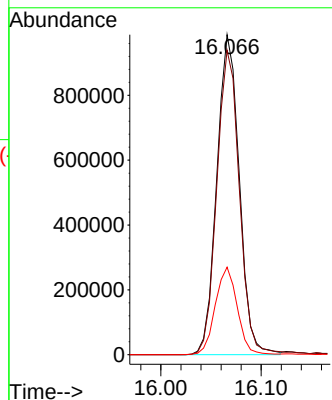
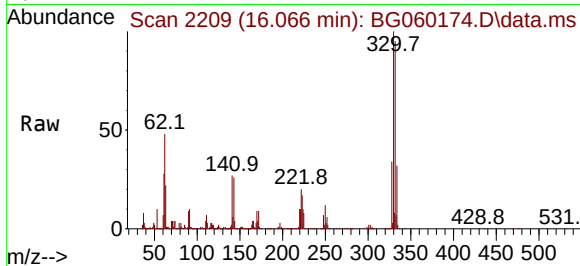




#42
2,4,6-Tribromophenol
Concen: 160.732 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

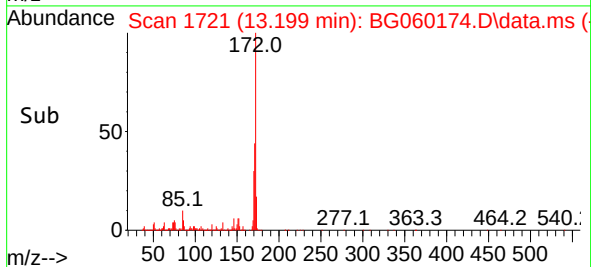
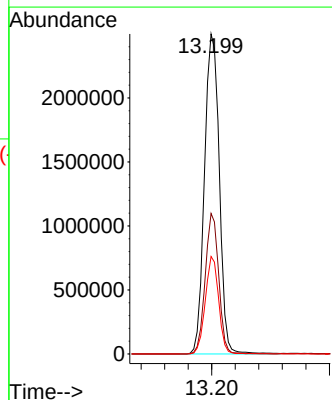
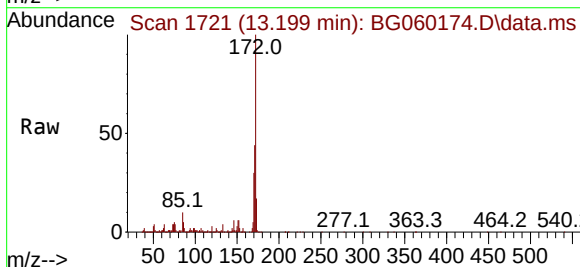
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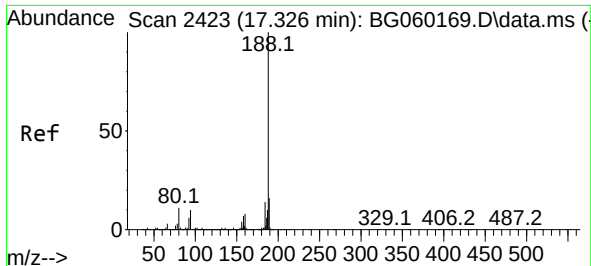
Tgt Ion:330 Resp: 1533987
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 26.8 21.2 31.8



#45
2-Fluorobiphenyl
Concen: 96.414 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:172 Resp: 4371590
Ion Ratio Lower Upper
172 100
171 43.9 36.0 54.0
170 30.5 24.9 37.3

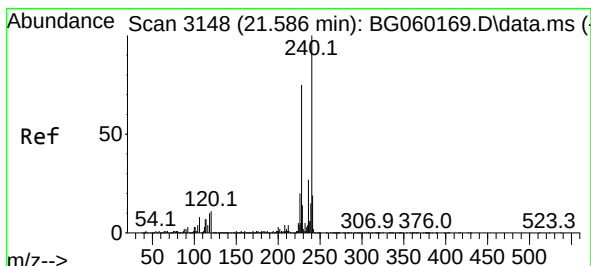
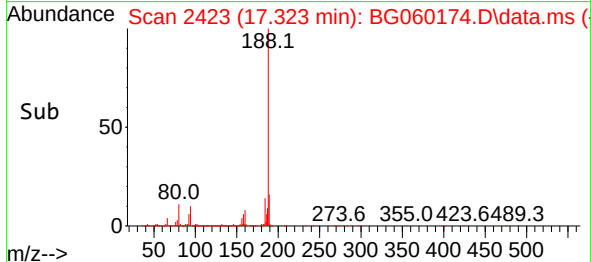
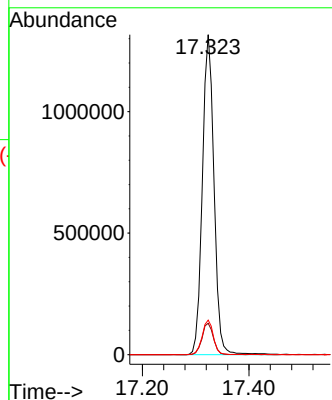
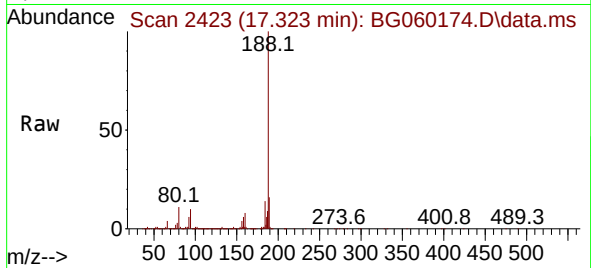




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

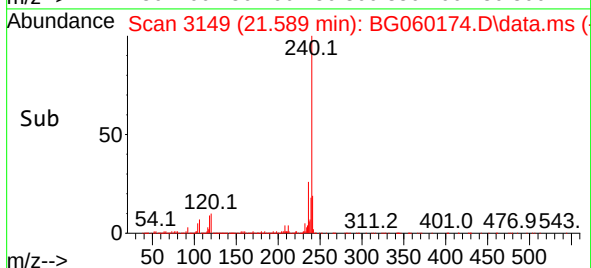
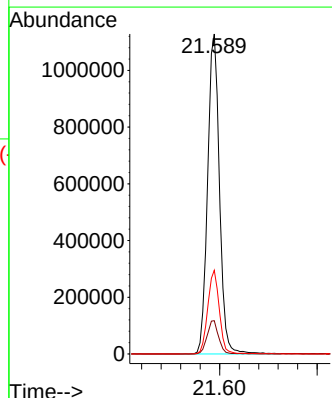
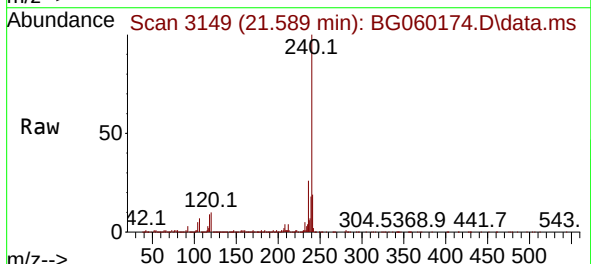
Instrument :
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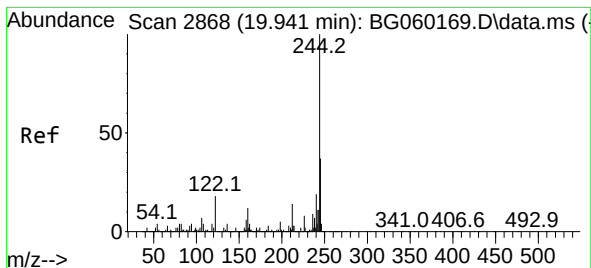
Tgt Ion:188 Resp: 1988943
Ion Ratio Lower Upper
188 100
94 9.8 7.7 11.5
80 10.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:240 Resp: 1895433
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 26.2 21.3 31.9





#79

Terphenyl-d14

Concen: 93.768 ng

RT: 19.944 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060174.D

Acq: 26 Dec 2023 17:49

Instrument :

BNA_G

ClientSampleId :

PB158041BL

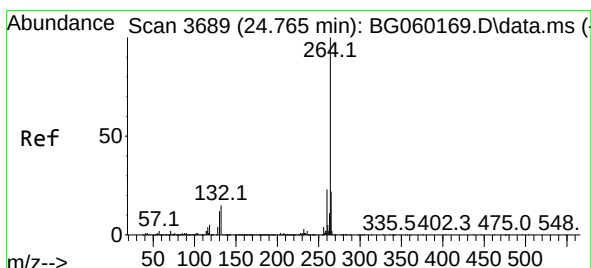
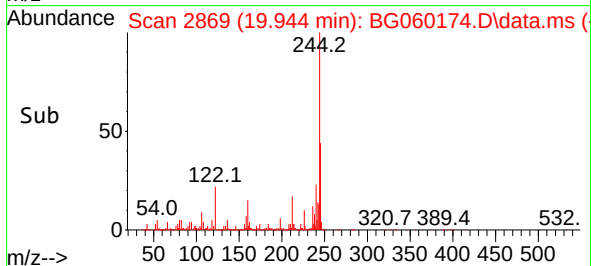
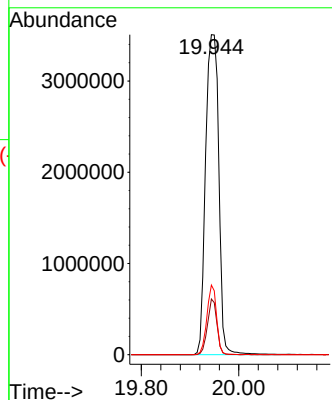
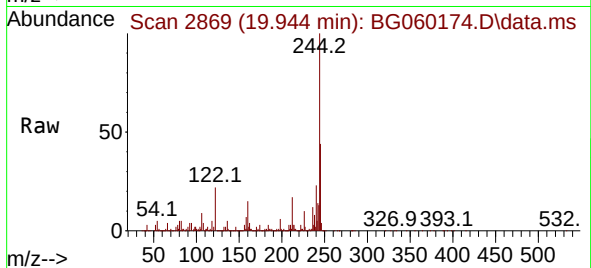
Tgt Ion:244 Resp: 6551310

Ion Ratio Lower Upper

244 100

212 17.4 11.3 16.9#

122 21.8 14.6 21.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.003 min

Lab File: BG060174.D

Acq: 26 Dec 2023 17:49

Tgt Ion:264 Resp: 2135291

Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 22.3 17.3 25.9

