

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060791.D
 Acq On : 5 Apr 2024 11:38
 Operator : MA/JU
 Sample : P1974-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

Quant Time: Apr 05 12:16:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	55620	20.000	ng	0.00
21) Naphthalene-d8	10.753	136	207980	20.000	ng	0.00
39) Acenaphthene-d10	14.584	164	154499	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	400974	20.000	ng	0.00
76) Chrysene-d12	21.593	240	418725	20.000	ng	-0.01
86) Perylene-d12	24.736	264	476384	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	426572	127.764	ng	0.00
7) Phenol-d6	7.116	99	522789	105.486	ng	0.00
23) Nitrobenzene-d5	9.108	82	400311	109.830	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	338602	193.066	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	930863	88.425	ng	-0.01
79) Terphenyl-d14	19.960	244	2071141	87.096	ng	0.00

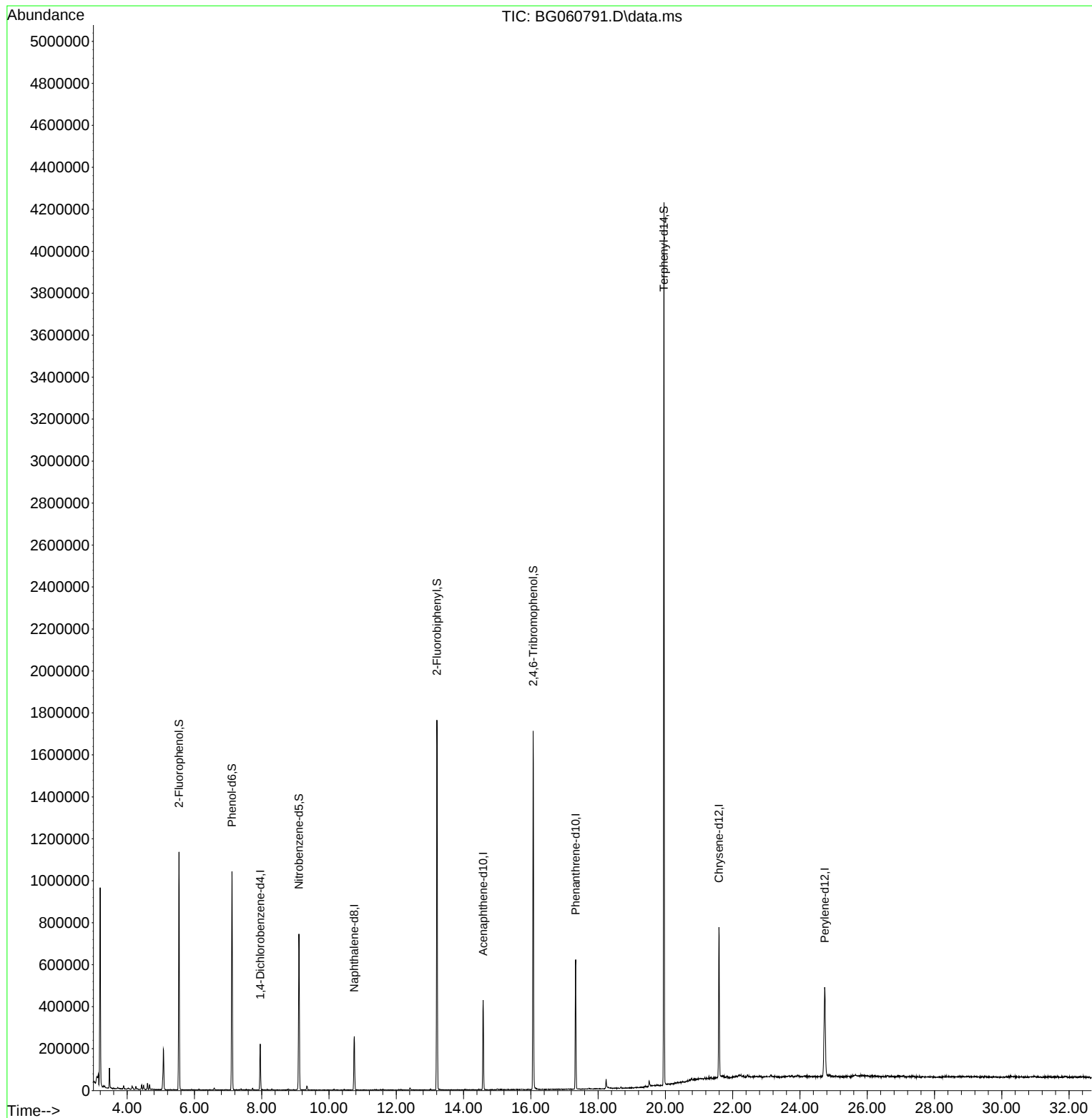
Target Compounds	Qvalue

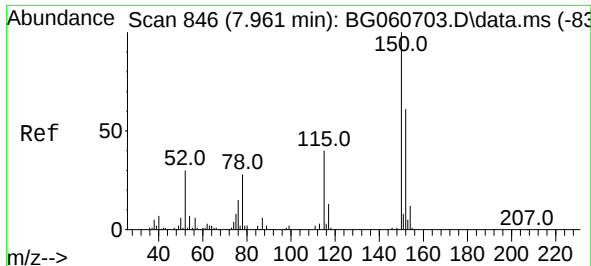
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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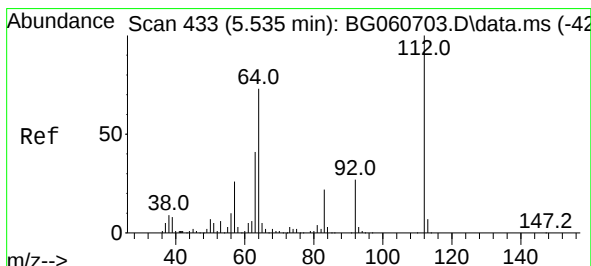
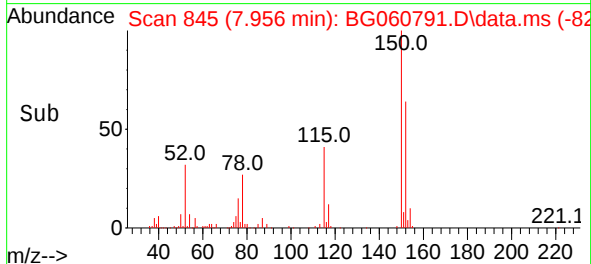
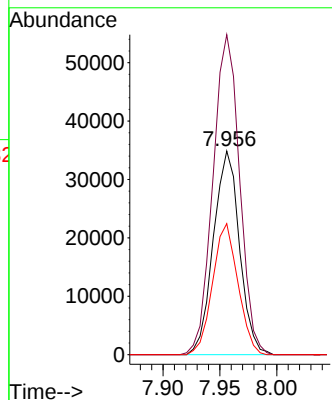
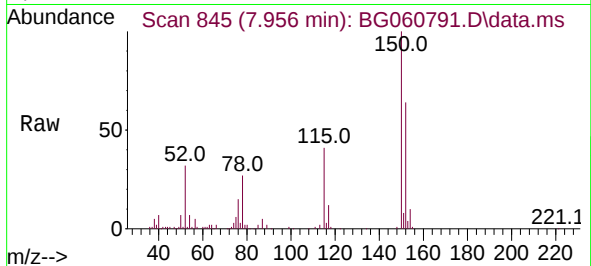




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

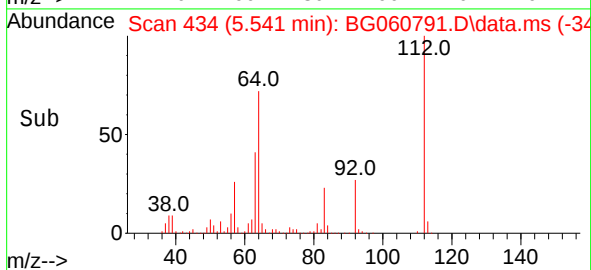
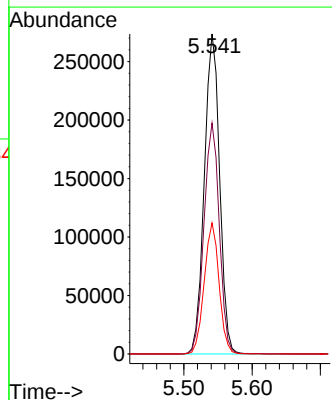
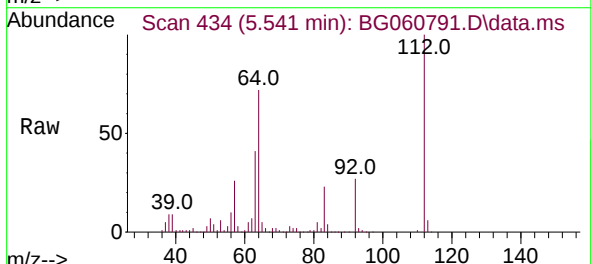
Instrument :
BNA_G
ClientSampleId :
SOIL-3

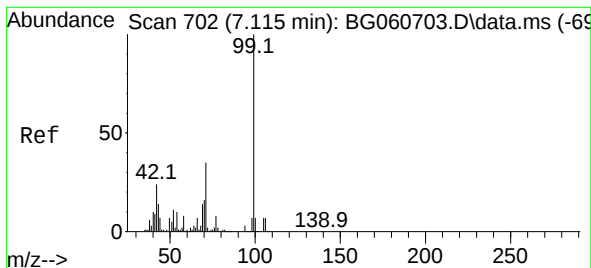
Tgt Ion:152 Resp: 55620
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.4
115 64.4 51.6 77.4



#5
2-Fluorophenol
Concen: 127.764 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

Tgt Ion:112 Resp: 426572
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 41.0 32.7 49.1





#7

Phenol-d6

Concen: 105.486 ng

RT: 7.116 min Scan# 702

Delta R.T. 0.000 min

Lab File: BG060791.D

Acq: 5 Apr 2024 11:38

Instrument :

BNA_G

ClientSampleId :

SOIL-3

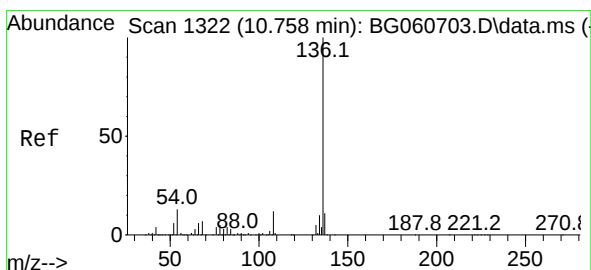
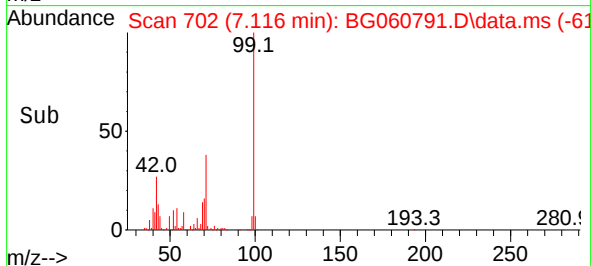
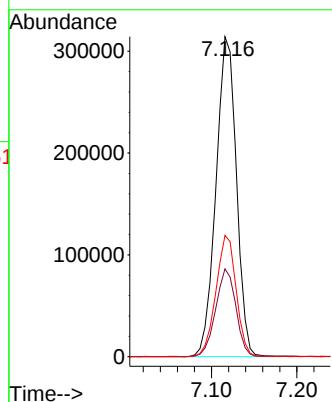
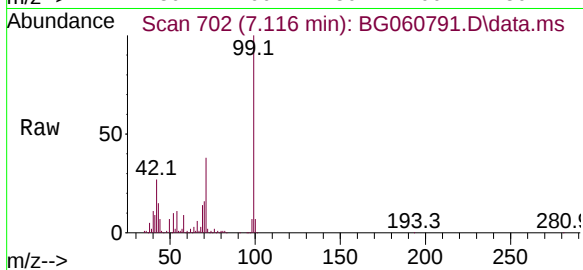
Tgt Ion: 99 Resp: 522789

Ion Ratio Lower Upper

99 100

42 27.4 19.4 29.2

71 37.9 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.753 min Scan# 1321

Delta R.T. -0.005 min

Lab File: BG060791.D

Acq: 5 Apr 2024 11:38

Tgt Ion: 136 Resp: 207980

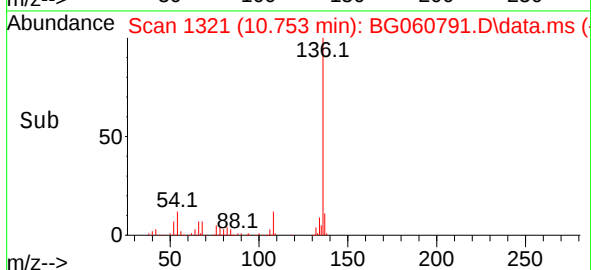
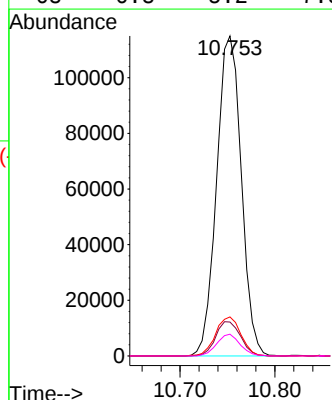
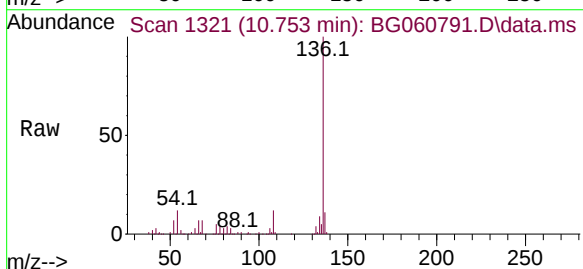
Ion Ratio Lower Upper

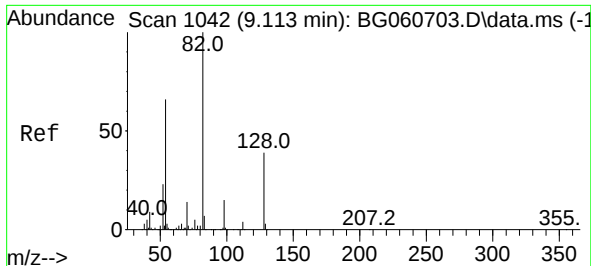
136 100

137 10.6 8.8 13.2

54 12.2 10.2 15.2

68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 109.830 ng

RT: 9.108 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG060791.D

Acq: 5 Apr 2024 11:38

Instrument :

BNA_G

ClientSampleId :

SOIL-3

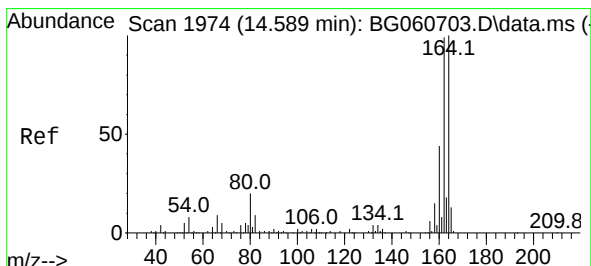
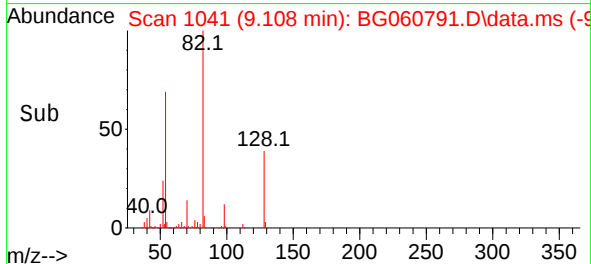
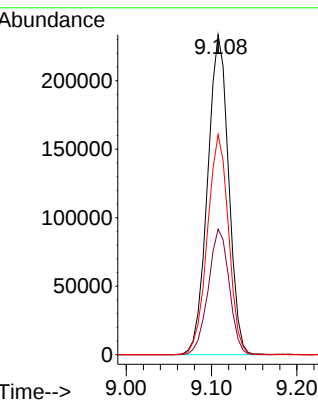
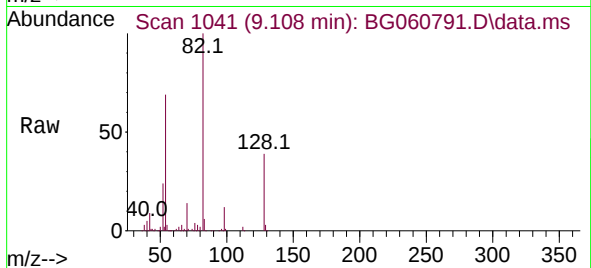
Tgt Ion: 82 Resp: 400311

Ion Ratio Lower Upper

82 100

128 39.2 31.2 46.8

54 68.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.584 min Scan# 1973

Delta R.T. -0.005 min

Lab File: BG060791.D

Acq: 5 Apr 2024 11:38

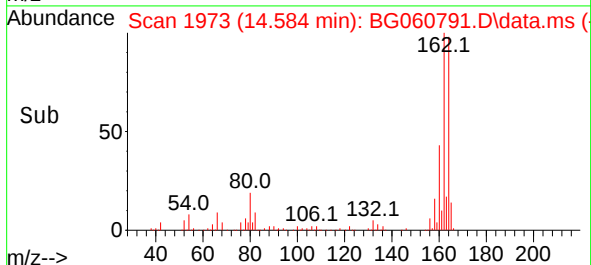
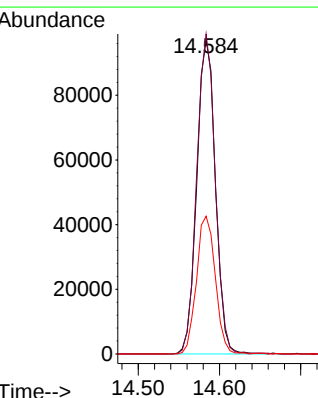
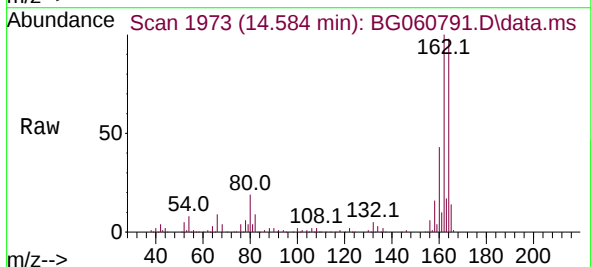
Tgt Ion:164 Resp: 154499

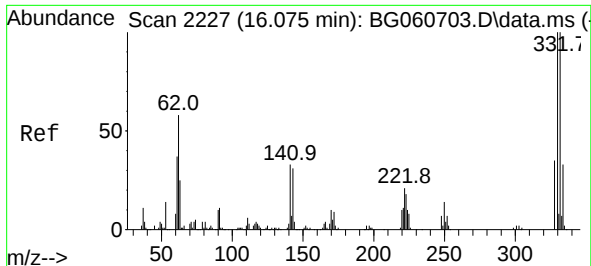
Ion Ratio Lower Upper

164 100

162 102.0 79.5 119.3

160 43.9 35.4 53.0

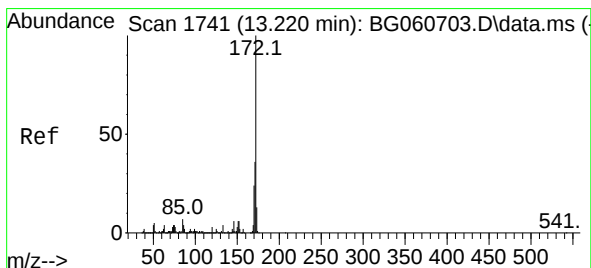
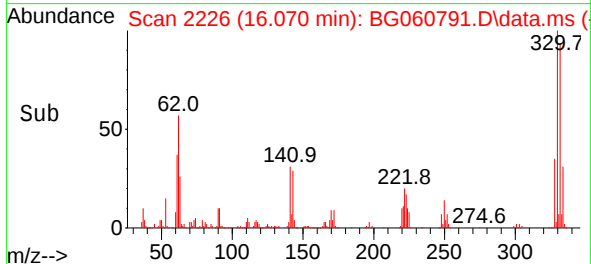
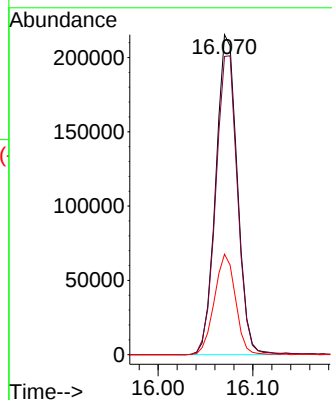
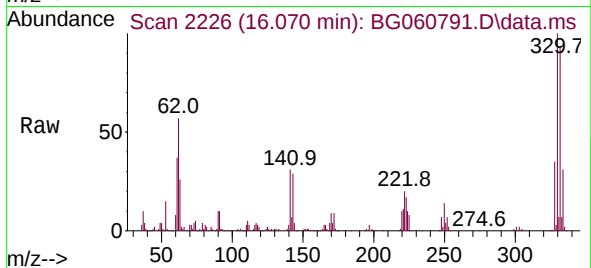




#42
2,4,6-Tribromophenol
Concen: 193.066 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

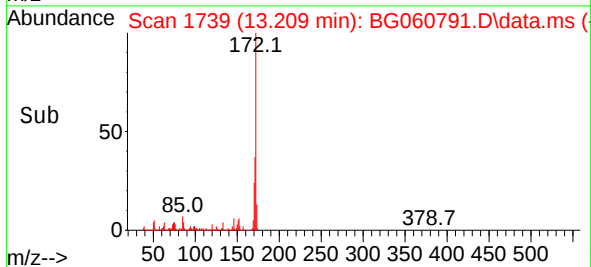
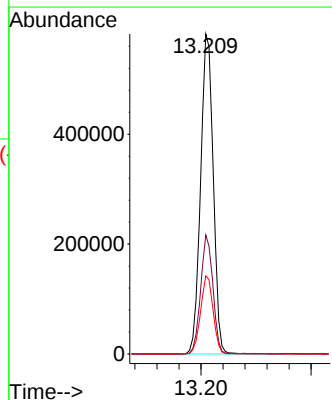
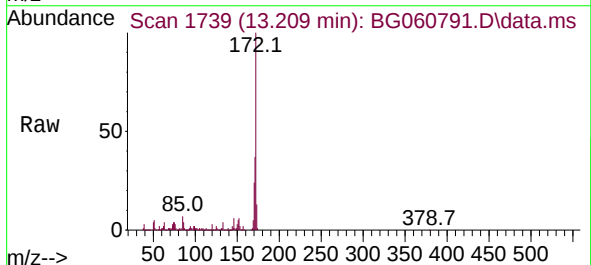
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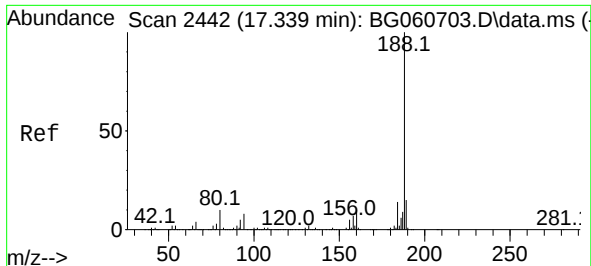
Tgt Ion:330 Resp: 338602
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.4
141 31.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 88.425 ng
RT: 13.209 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

Tgt Ion:172 Resp: 930863
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 24.4 19.4 29.0

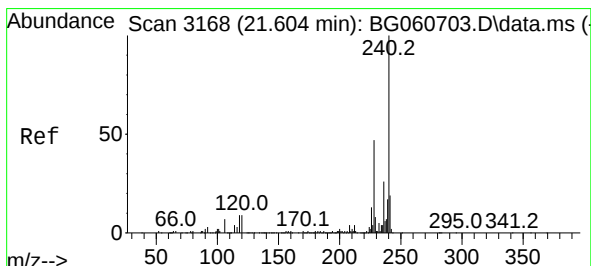
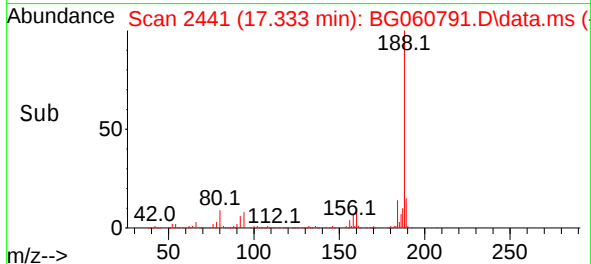
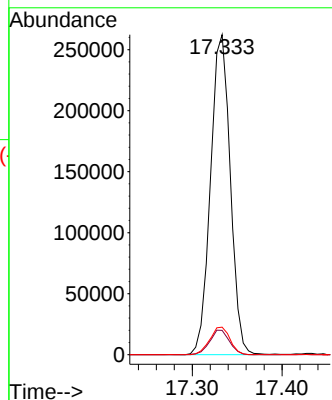
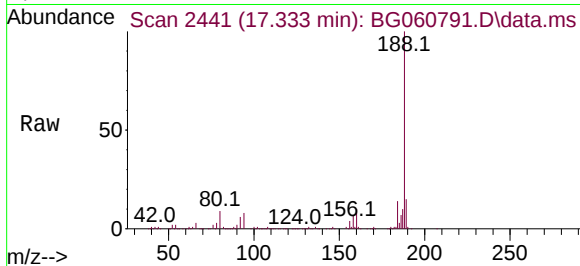




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

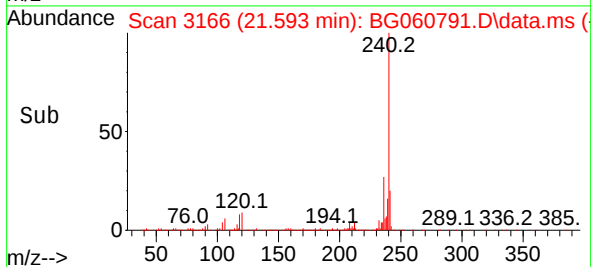
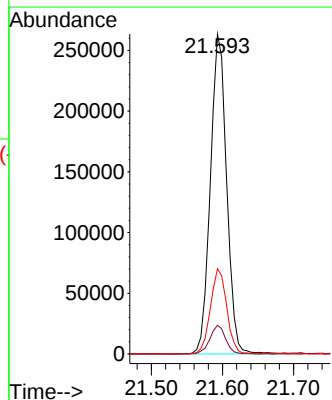
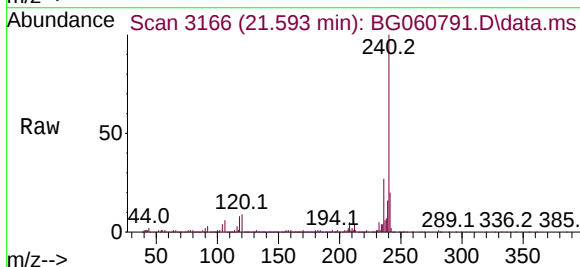
Instrument :
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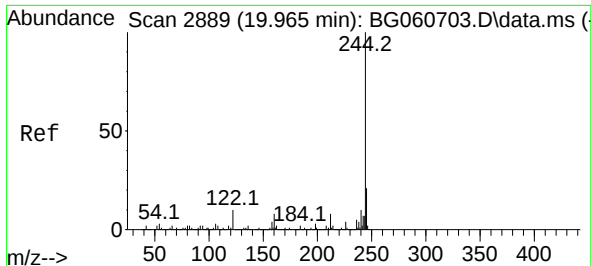
Tgt Ion:188 Resp: 400974
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG060791.D
Acq: 5 Apr 2024 11:38

Tgt Ion:240 Resp: 418725
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.6 20.7 31.1

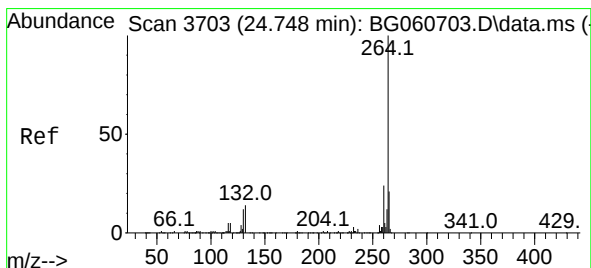
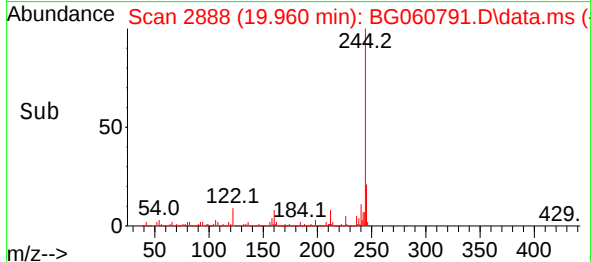
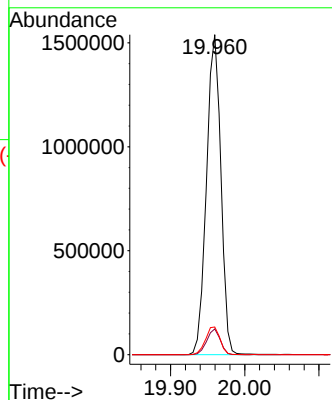
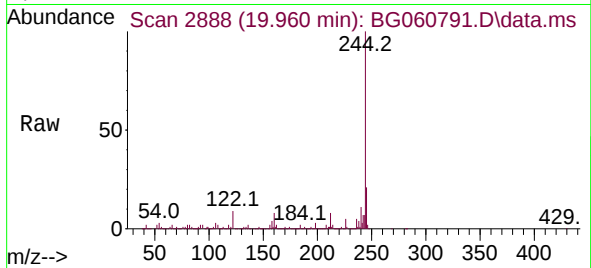




#79
 Terphenyl-d14
 Concen: 87.096 ng
 RT: 19.960 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060791.D
 Acq: 5 Apr 2024 11:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-3

Tgt Ion:244 Resp: 2071141
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3701
 Delta R.T. -0.011 min
 Lab File: BG060791.D
 Acq: 5 Apr 2024 11:38

Tgt Ion:264 Resp: 476384
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.7 16.9 25.3

