

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048102.D
 Acq On : 3 Feb 2021 22:18
 Operator : CG/JU
 Sample : M1291-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-006-1015

Quant Time: Feb 04 00:00:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	46181	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	181261	20.00	ng	0.00
39) Acenaphthene-d10	14.734	164	136132	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	348787	20.00	ng	# 0.00
76) Chrysene-d12	21.755	240	361390	20.00	ng	# 0.00
86) Perylene-d12	25.027	264	361464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	281749	93.76	ng	0.00
7) Phenol-d6	7.260	99	389759	85.31	ng	0.00
23) Nitrobenzene-d5	9.275	82	264847	57.81	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	197267	87.00	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	588718	55.91	ng	0.00
79) Terphenyl-d14	20.080	244	970230	46.55	ng	0.00

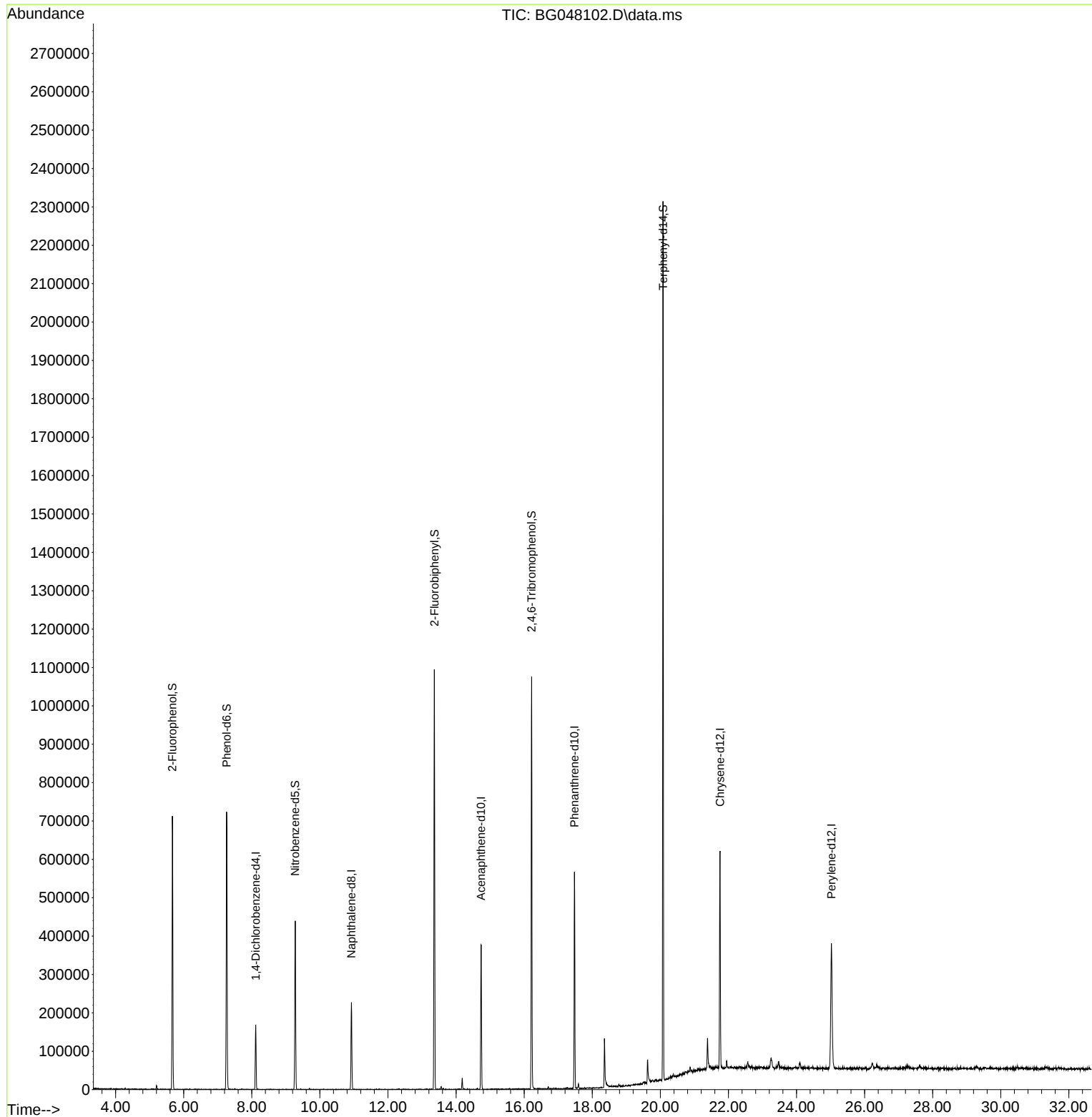
Target Compounds	Qvalue

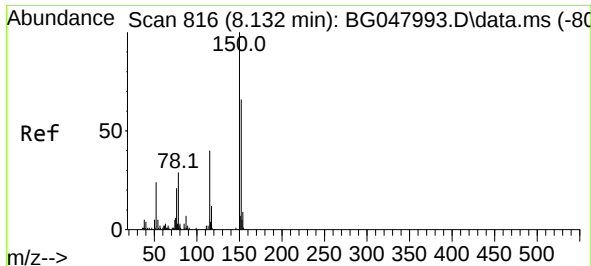
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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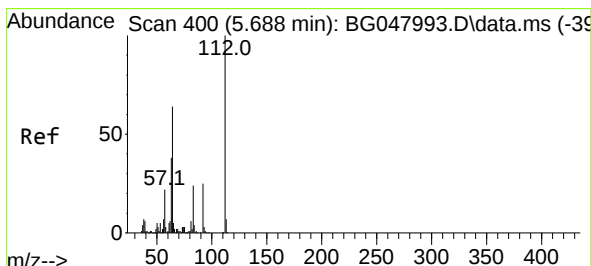
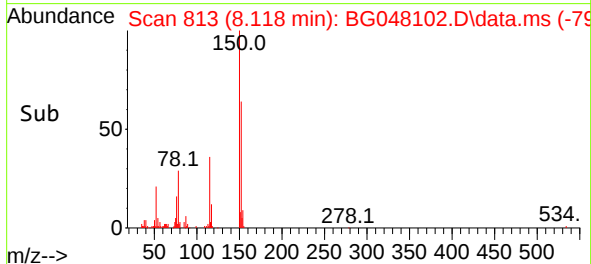
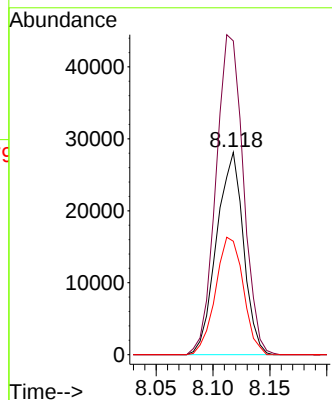
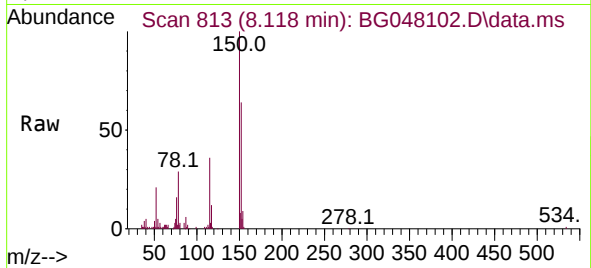




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

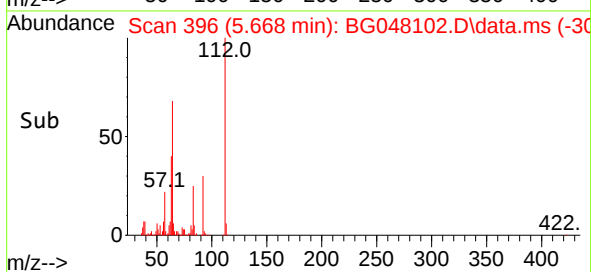
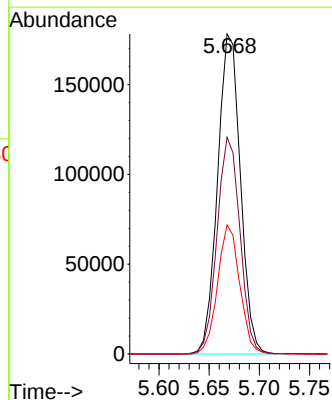
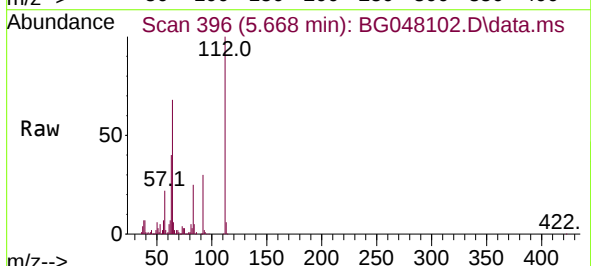
Instrument :
BNA_G
ClientSampleId :
OU421-006-1015

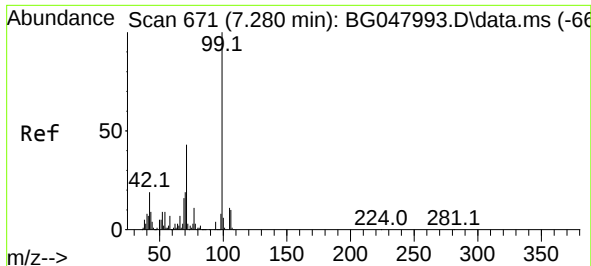
Tgt Ion:152 Resp: 46181
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.6
115 56.1 41.8 62.6



#5
2-Fluorophenol
Concen: 93.76 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

Tgt Ion:112 Resp: 281749
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 40.3 22.8 34.2#

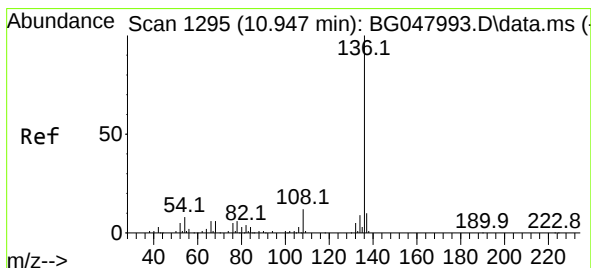
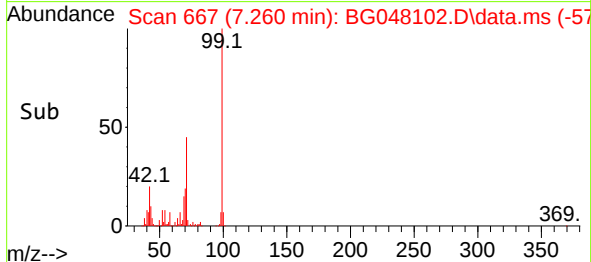
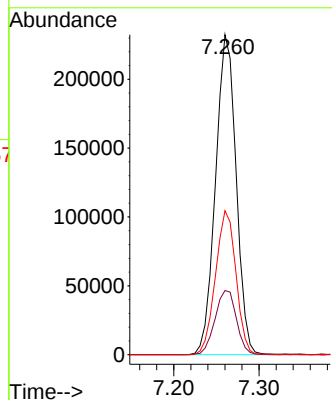
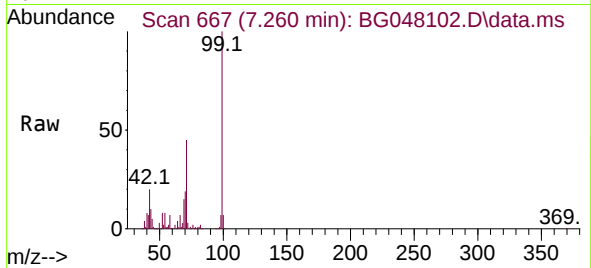




#7
Phenol-d6
Concen: 85.31 ng
RT: 7.260 min Scan# 667
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

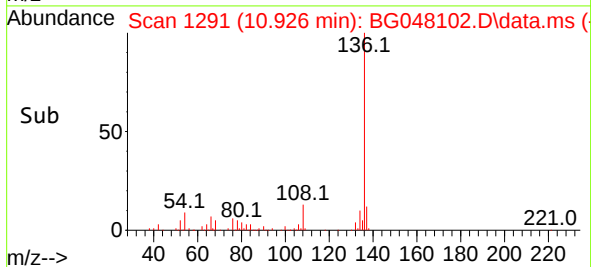
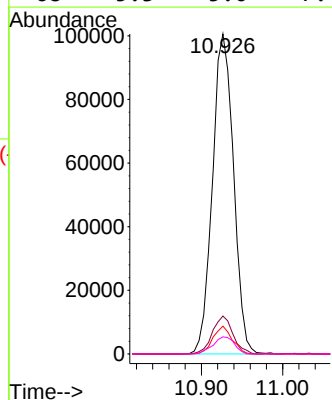
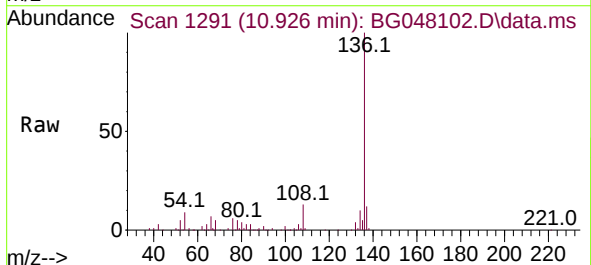
Instrument :
BNA_G
ClientSampleId :
OU421-006-1015

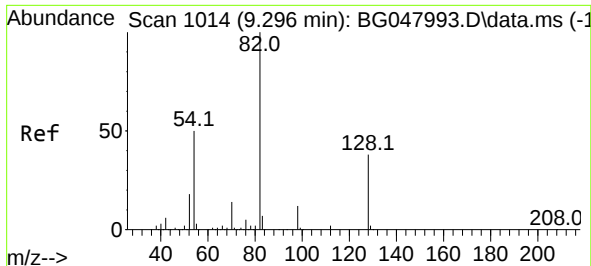
Tgt Ion: 99 Resp: 389759
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 45.0 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

Tgt Ion: 136 Resp: 181261
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 8.7 6.2 9.4
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.81 ng

RT: 9.275 min Scan# 1010

Delta R.T. -0.008 min

Lab File: BG048102.D

Acq: 3 Feb 2021 22:18

Instrument :

BNA_G

ClientSampleId :

OU421-006-1015

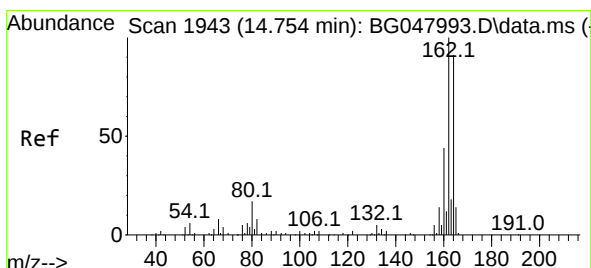
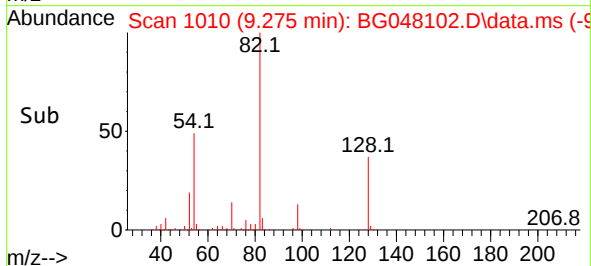
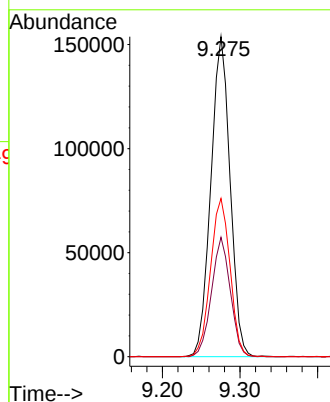
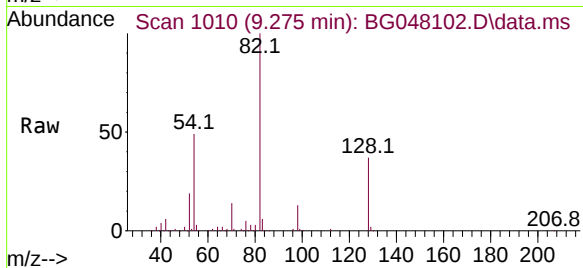
Tgt Ion: 82 Resp: 264847

Ion Ratio Lower Upper

82 100

128 37.3 37.0 55.6

54 49.5 39.0 58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.734 min Scan# 1939

Delta R.T. -0.008 min

Lab File: BG048102.D

Acq: 3 Feb 2021 22:18

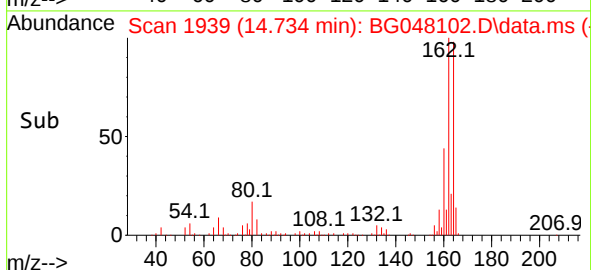
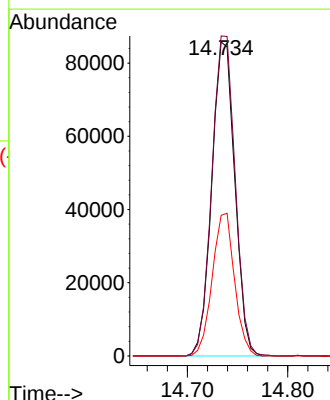
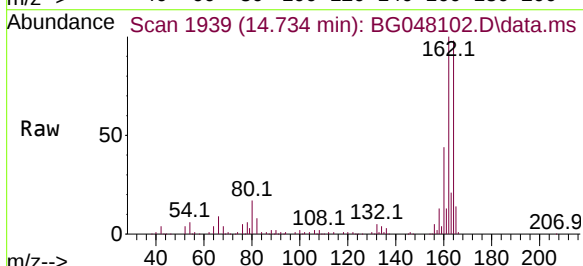
Tgt Ion:164 Resp: 136132

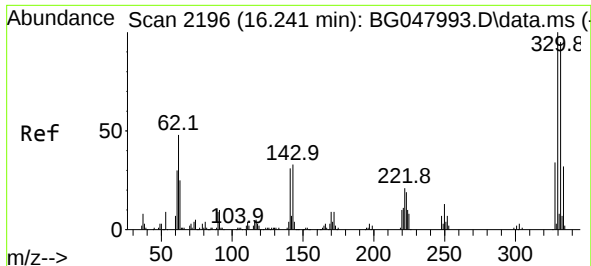
Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

160 44.8 35.3 52.9

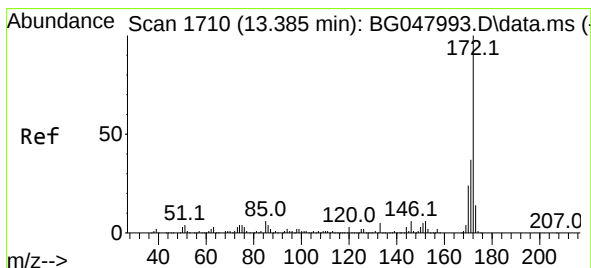
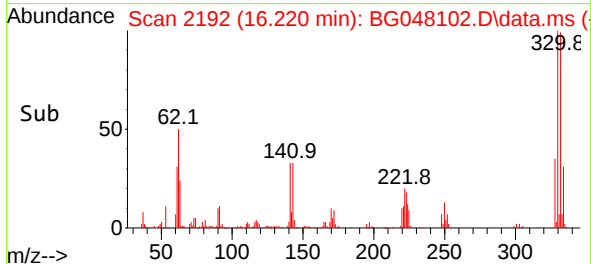
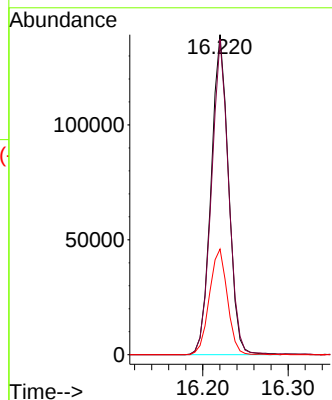
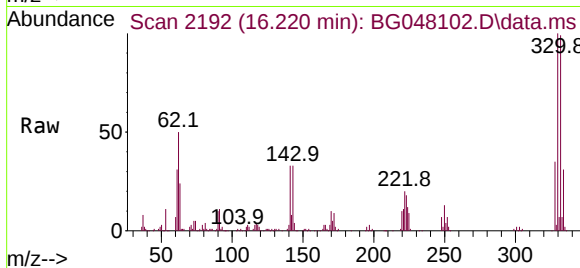




#42
2,4,6-Tribromophenol
Concen: 87.00 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

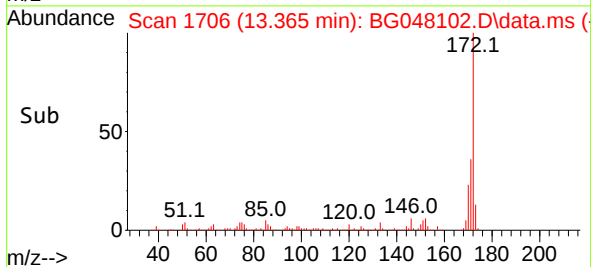
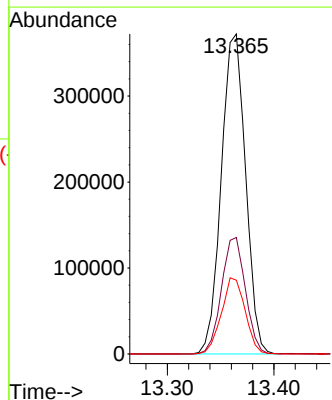
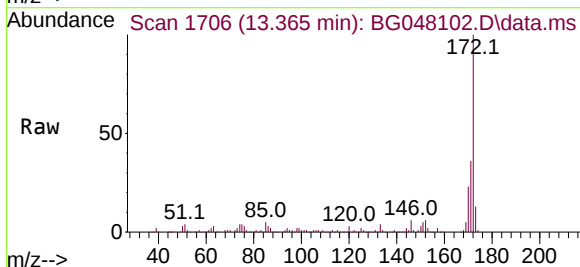
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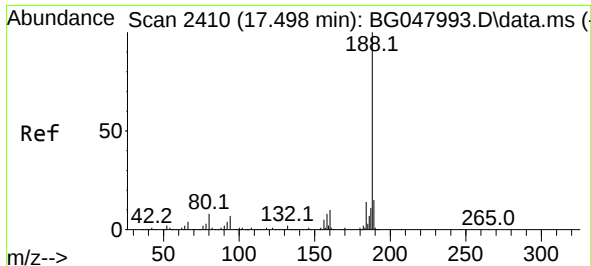
Tgt Ion:330 Resp: 197267
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 34.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.91 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

Tgt Ion:172 Resp: 588718
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 23.0 20.8 31.2

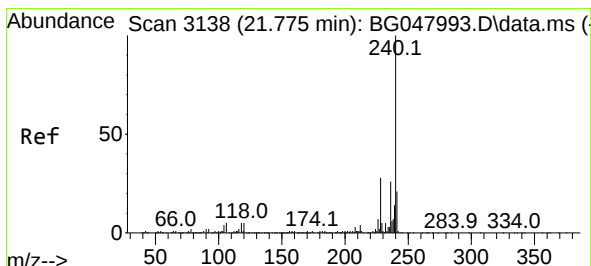
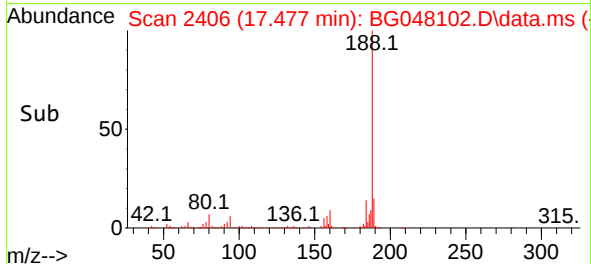
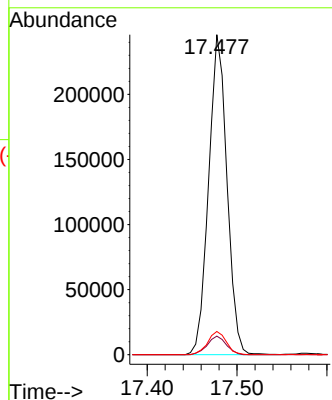
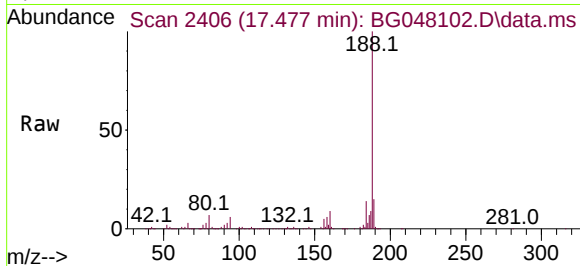




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

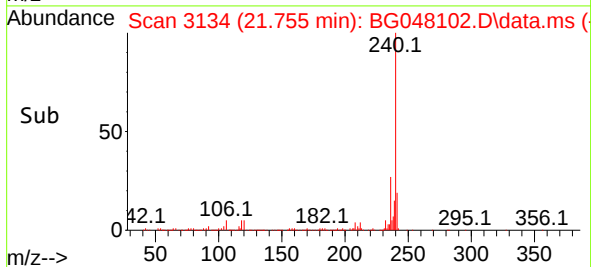
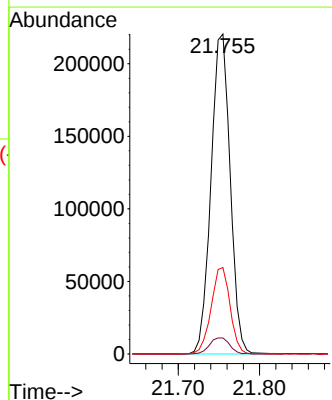
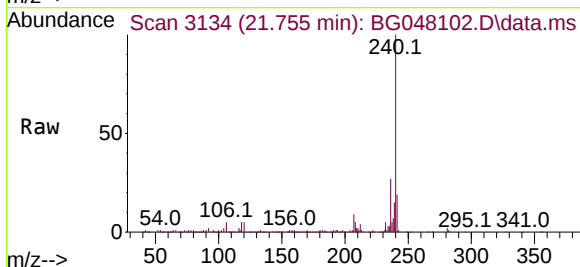
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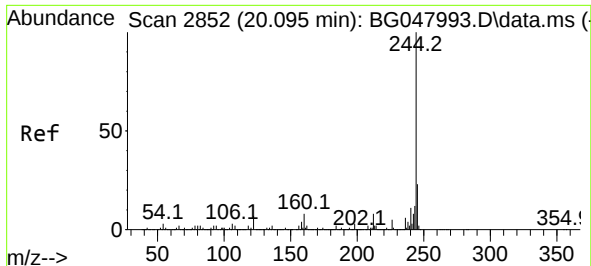
Tgt Ion:188 Resp: 348787
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.755 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BG048102.D
Acq: 3 Feb 2021 22:18

Tgt Ion:240 Resp: 361390
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 27.0 20.5 30.7

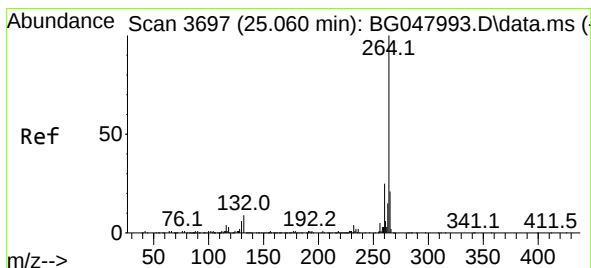
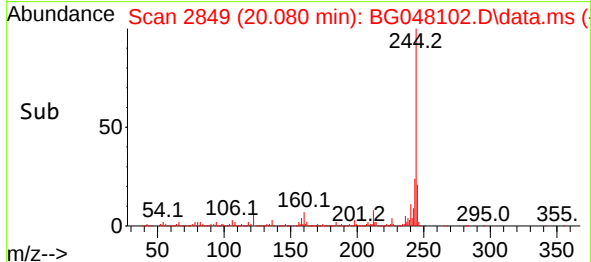
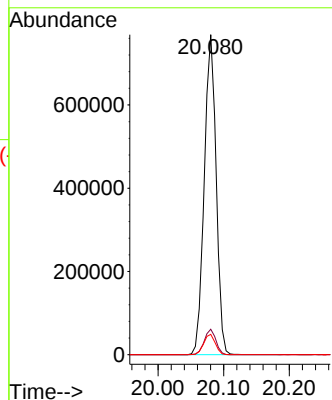
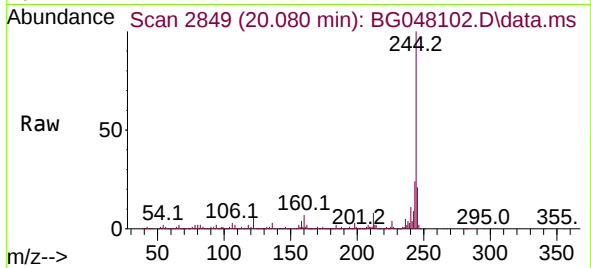




#79
 Terphenyl-d14
 Concen: 46.55 ng
 RT: 20.080 min Scan# 2849
 Delta R.T. -0.008 min
 Lab File: BG048102.D
 Acq: 3 Feb 2021 22:18

Instrument :
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 ClientSampleId :
 OU421-006-1015

Tgt Ion:244 Resp: 970230
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 6.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.027 min Scan# 3691
 Delta R.T. -0.013 min
 Lab File: BG048102.D
 Acq: 3 Feb 2021 22:18

Tgt Ion:264 Resp: 361464
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.4 17.8 26.8

