

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048726.D
 Acq On : 16 Apr 2021 15:43
 Operator : CG/JU
 Sample : PB135746BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135746BL

Quant Time: Apr 16 16:43:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	19073	20.00	ng	# 0.00
21) Naphthalene-d8	10.914	136	87242	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	60163	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	150651	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	148097	20.00	ng	0.00
86) Perylene-d12	25.144	264	144223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	167195	146.61	ng	0.00
7) Phenol-d6	7.242	99	216180	134.02	ng	0.00
23) Nitrobenzene-d5	9.257	82	162334	83.31	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	97708	121.13	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	360286	86.48	ng	0.00
79) Terphenyl-d14	20.109	244	727863	84.59	ng	0.00

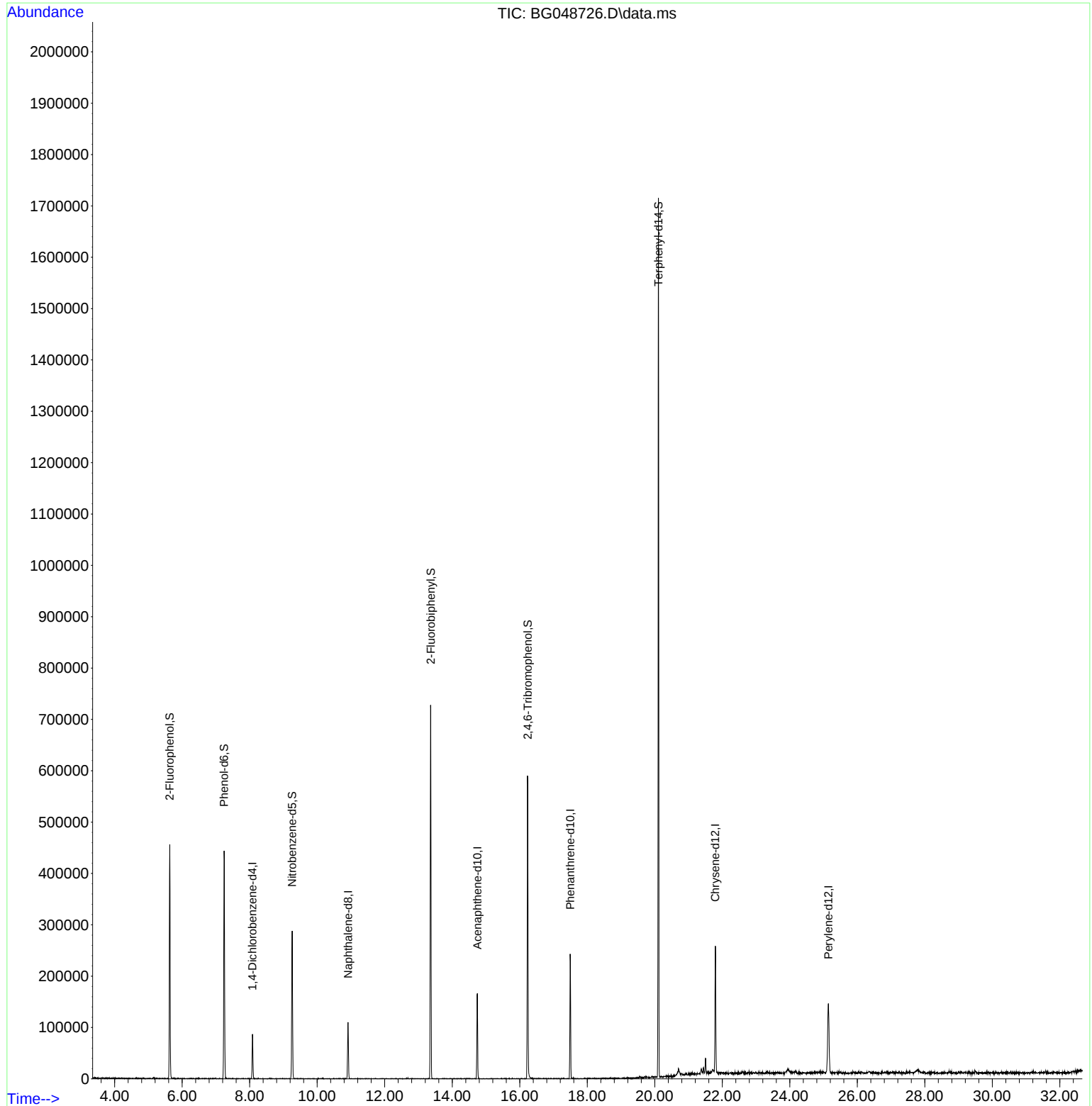
Target Compounds	Qvalue

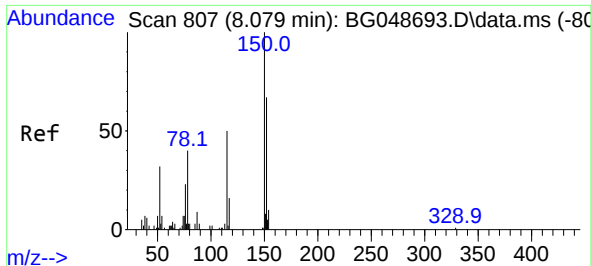
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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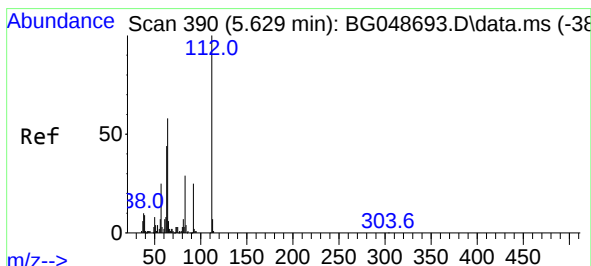
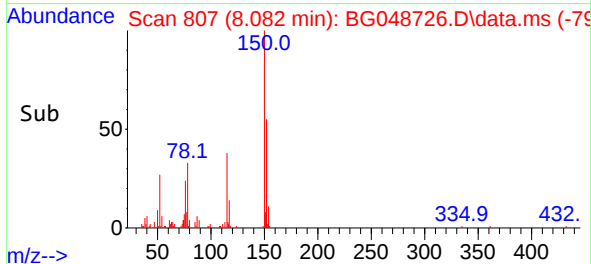
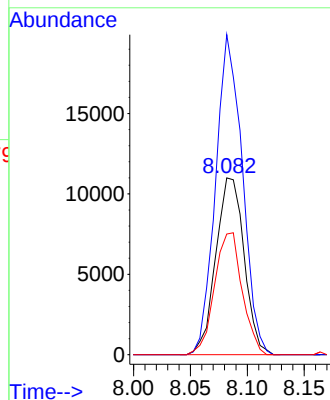
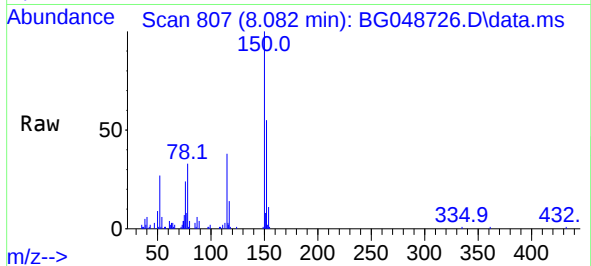




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.082 min Scan# 807
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

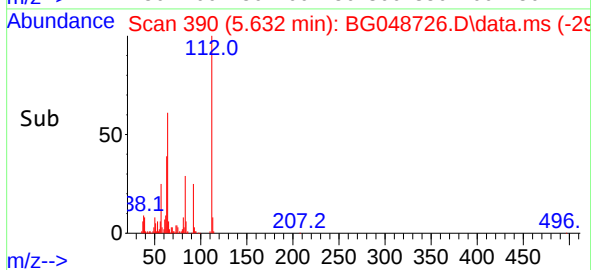
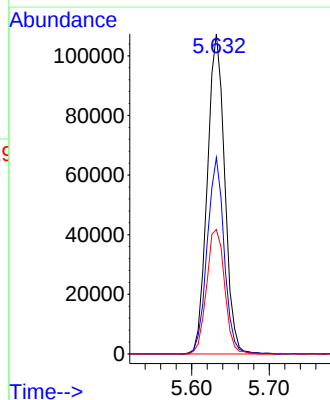
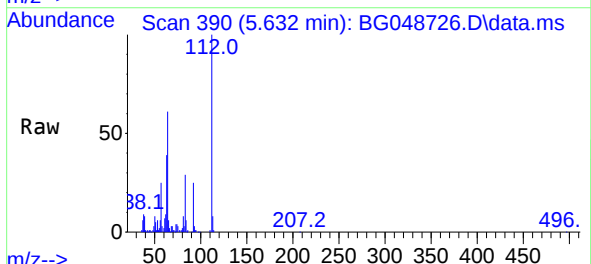
Instrument :
BNA_G
ClientSampleId :
PB135746BL

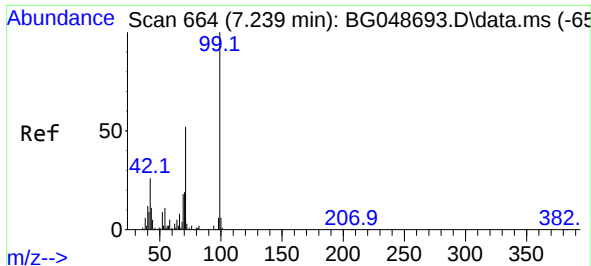
Tgt Ion:152 Resp: 19073
Ion Ratio Lower Upper
152 100
150 181.0 119.4 179.0#
115 68.3 60.2 90.4



#5
2-Fluorophenol
Concen: 146.61 ng
RT: 5.632 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Tgt Ion:112 Resp: 167195
Ion Ratio Lower Upper
112 100
64 61.3 46.7 70.1
63 38.9 35.3 52.9

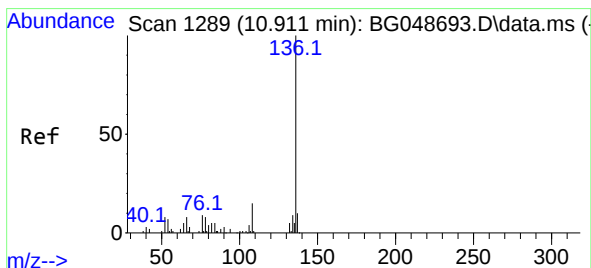
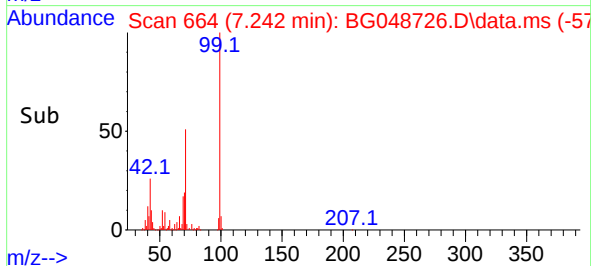
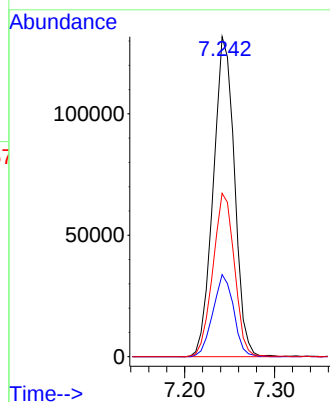
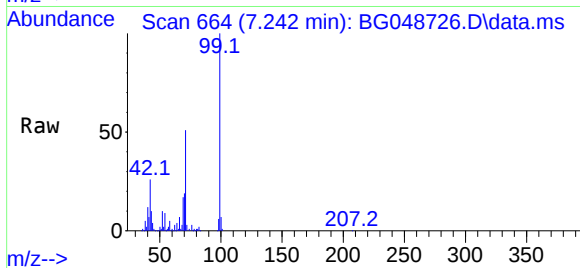




#7
Phenol-d6
Concen: 134.02 ng
RT: 7.242 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

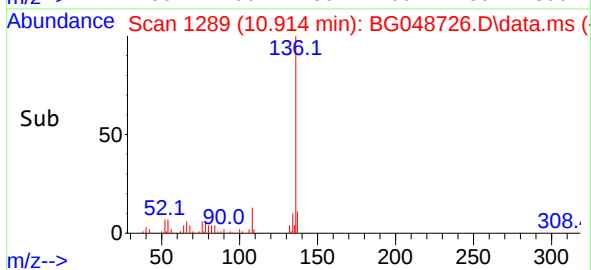
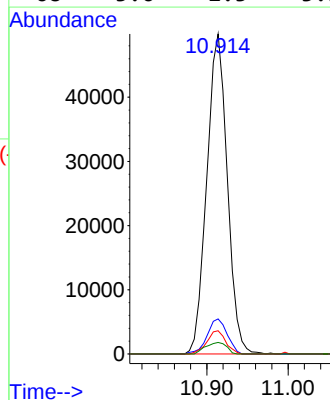
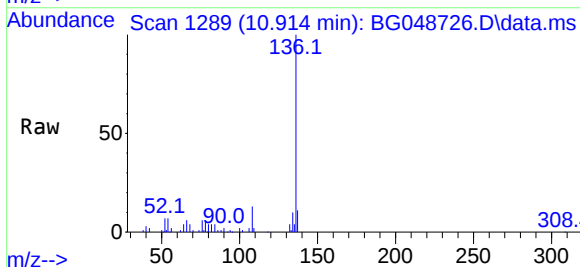
Instrument :
BNA_G
ClientSampleId :
PB135746BL

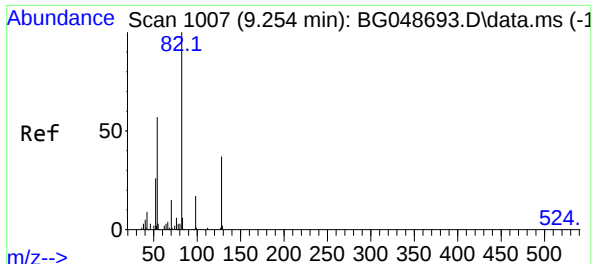
Tgt Ion: 99 Resp: 216180
Ion Ratio Lower Upper
99 100
42 25.7 20.5 30.7
71 51.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Tgt Ion: 136 Resp: 87242
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 7.2 5.5 8.3
68 3.6 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 83.31 ng

RT: 9.257 min Scan# 1007

Delta R.T. 0.002 min

Lab File: BG048726.D

Acq: 16 Apr 2021 15:43

Instrument :

BNA_G

ClientSampleId :

PB135746BL

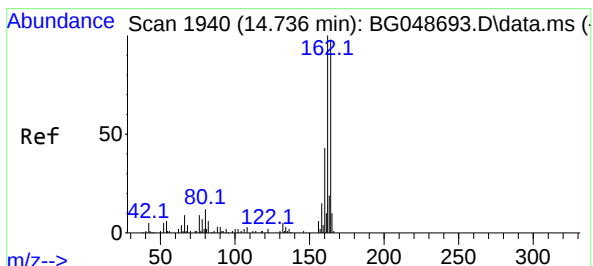
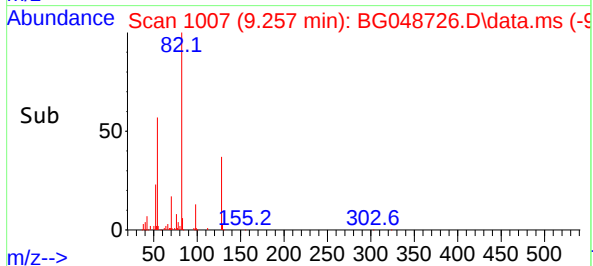
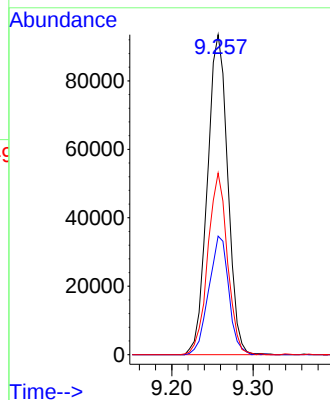
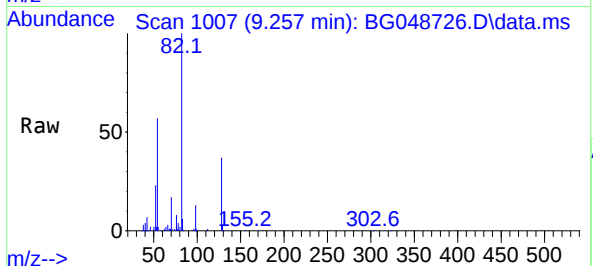
Tgt Ion: 82 Resp: 162334

Ion Ratio Lower Upper

82 100

128 37.1 29.8 44.6

54 56.7 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.745 min Scan# 1941

Delta R.T. 0.002 min

Lab File: BG048726.D

Acq: 16 Apr 2021 15:43

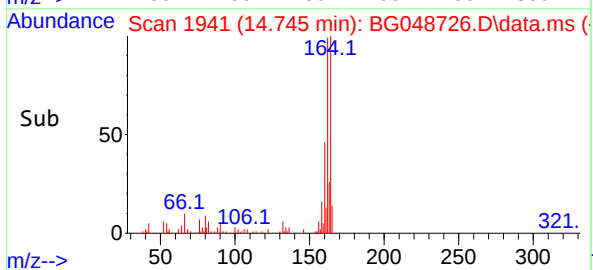
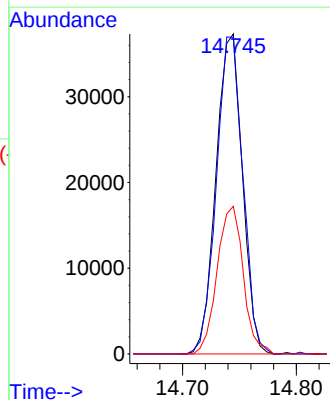
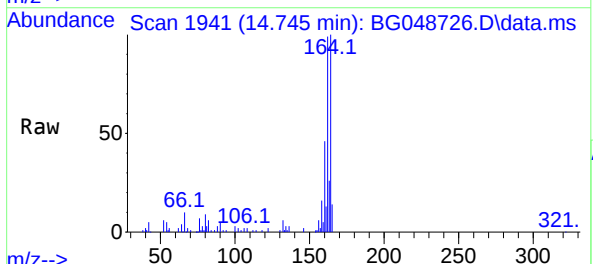
Tgt Ion:164 Resp: 60163

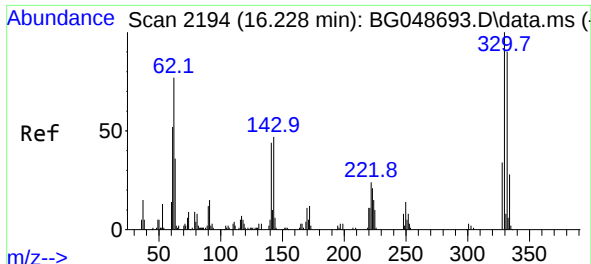
Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

160 46.2 34.9 52.3

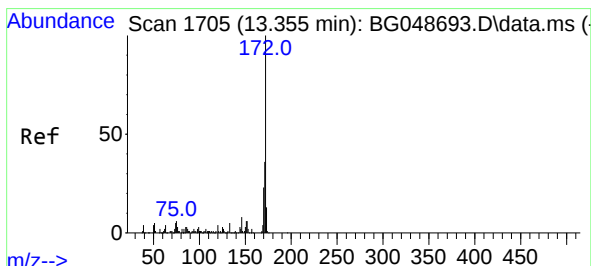
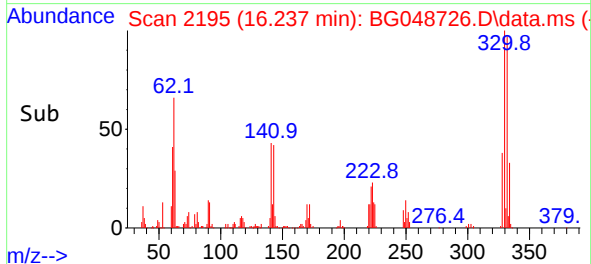
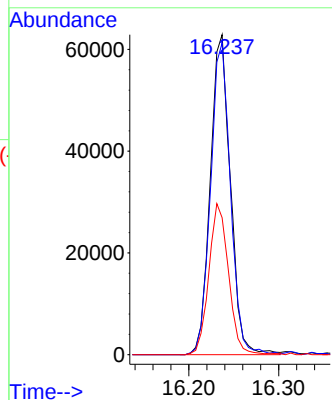
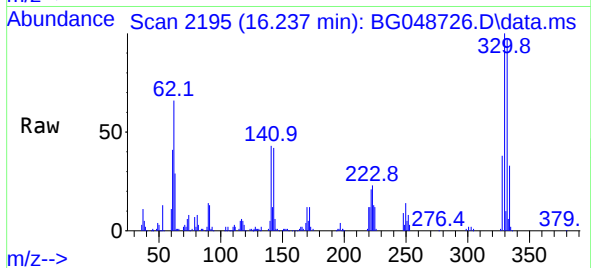




#42
2,4,6-Tribromophenol
Concen: 121.13 ng
RT: 16.237 min Scan# 2195
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

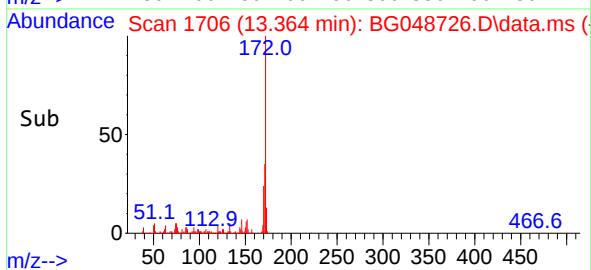
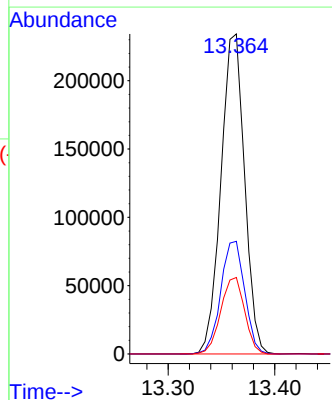
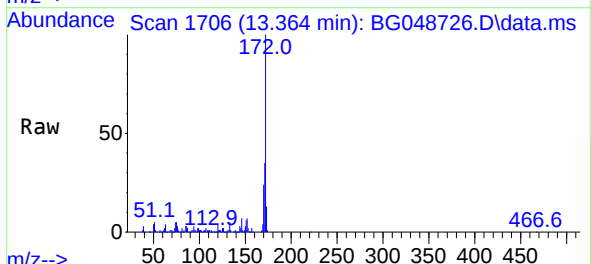
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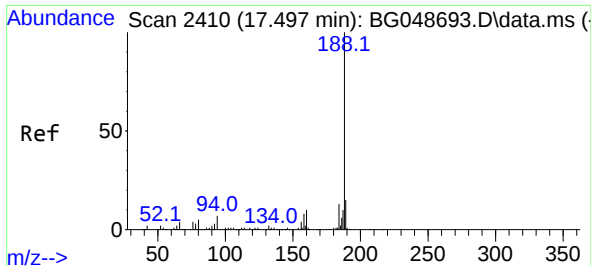
Tgt Ion:330 Resp: 97708
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 46.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 86.48 ng
RT: 13.364 min Scan# 1706
Delta R.T. 0.008 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Tgt Ion:172 Resp: 360286
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 18.6 27.8

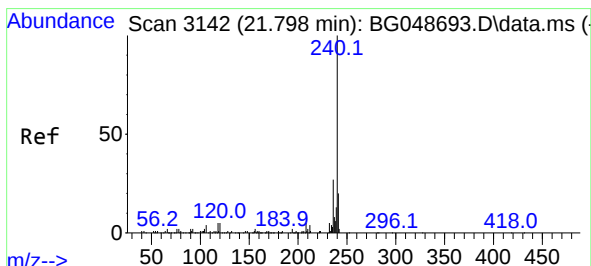
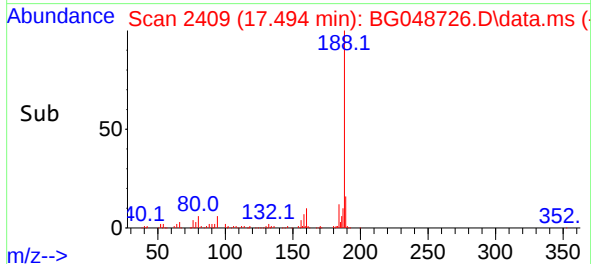
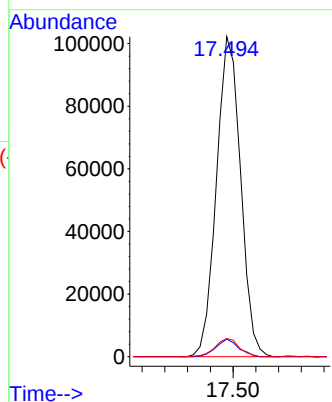
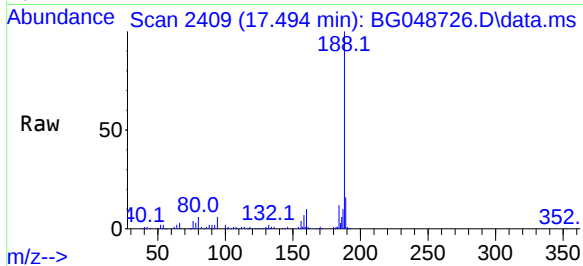




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

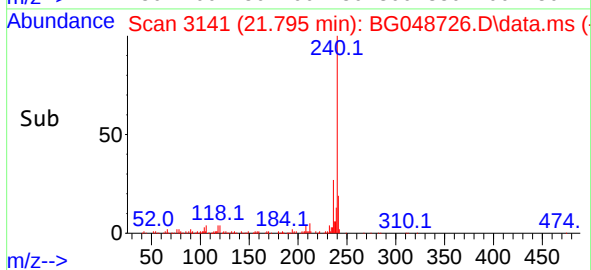
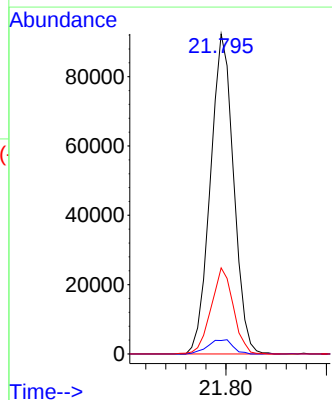
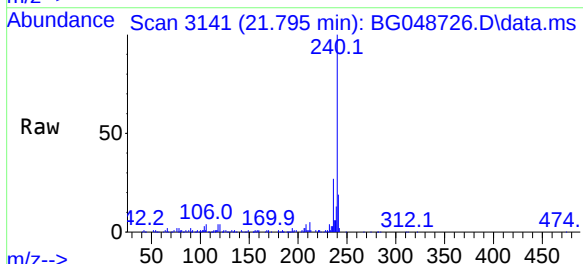
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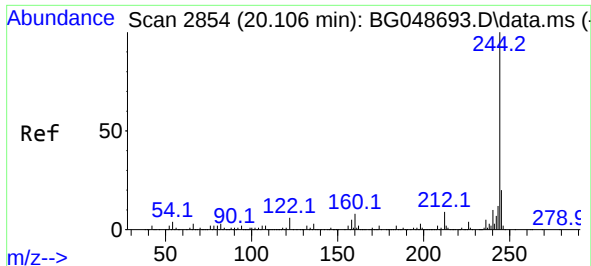
Tgt Ion:188 Resp: 150651
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Tgt Ion:240 Resp: 148097
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 26.9 21.8 32.6

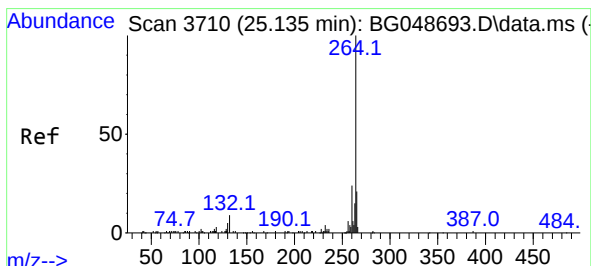
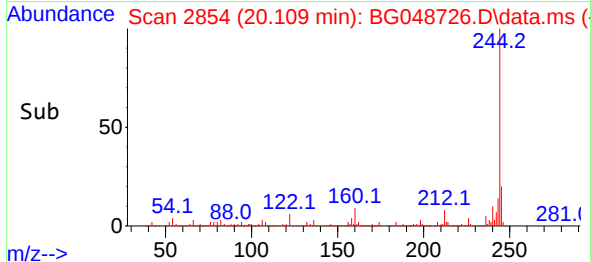
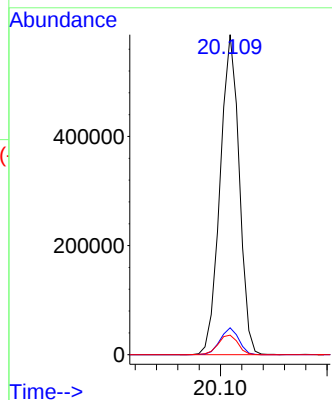
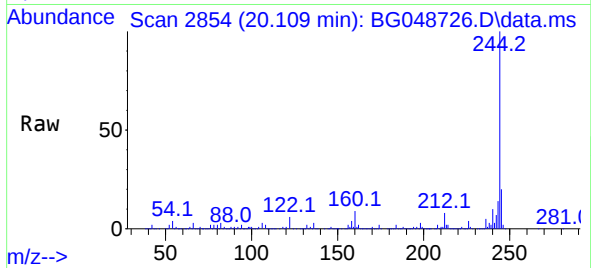




#79
Terphenyl-d14
Concen: 84.59 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 727863
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.1 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3711
Delta R.T. 0.002 min
Lab File: BG048726.D
Acq: 16 Apr 2021 15:43

Tgt Ion:264 Resp: 144223
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.4 16.9 25.3

