

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048727.D
 Acq On : 16 Apr 2021 16:43
 Operator : CG/JU
 Sample : M1998-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB_04-08-2021_SO

Quant Time: Apr 16 18:02:19 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	8.079	152	17846	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	76367	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	50781	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	133603	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	135781	20.00	ng	0.00
86) Perylene-d12	25.136	264	133519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	70689	66.25	ng	0.00
7) Phenol-d6	7.239	99	53576	35.50	ng	0.00
23) Nitrobenzene-d5	9.254	82	165788	97.19	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	105108	154.37	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	370343	105.32	ng	0.00
79) Terphenyl-d14	20.106	244	672874	85.29	ng	0.00

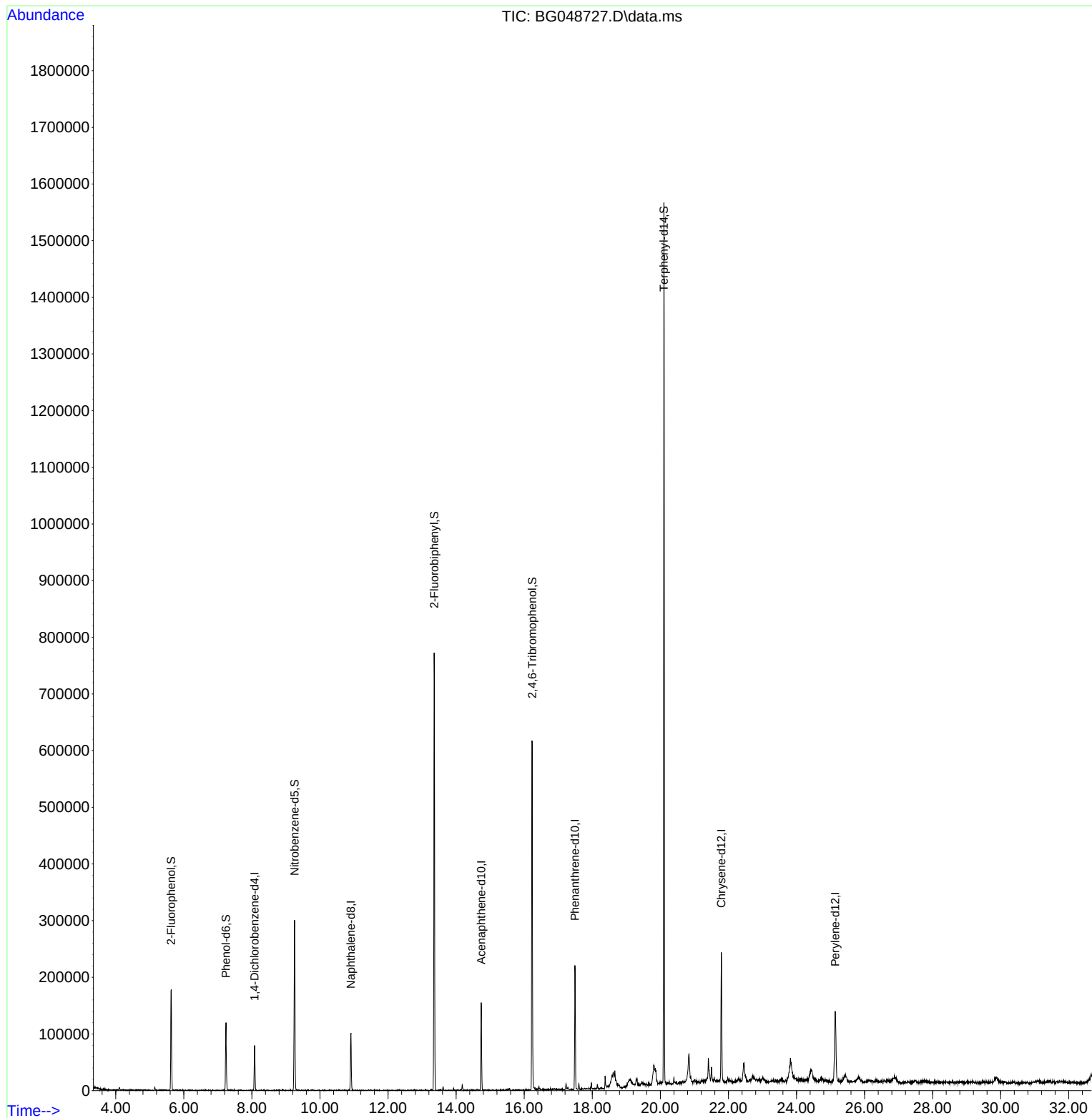
Target Compounds	Qvalue
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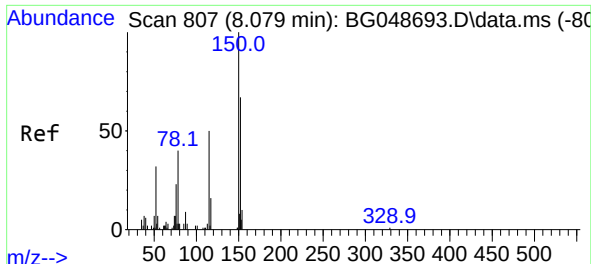
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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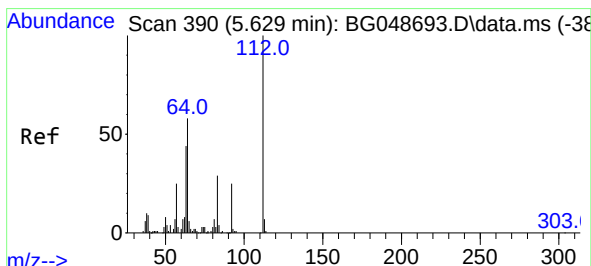
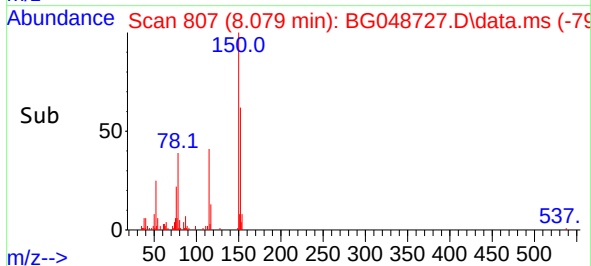
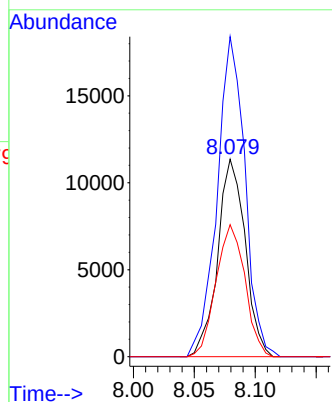
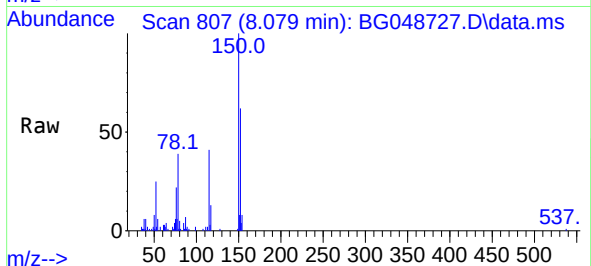




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

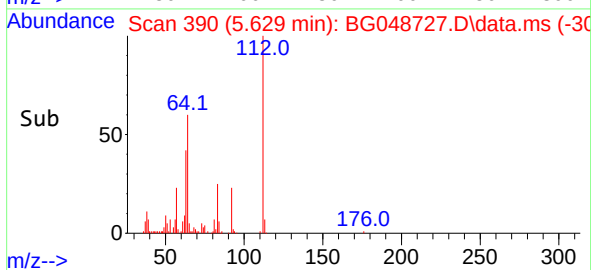
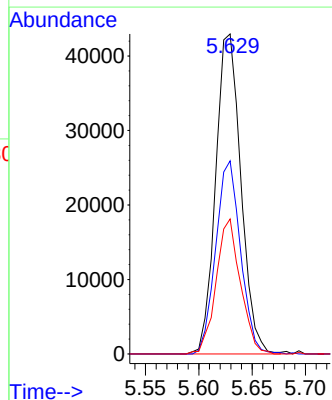
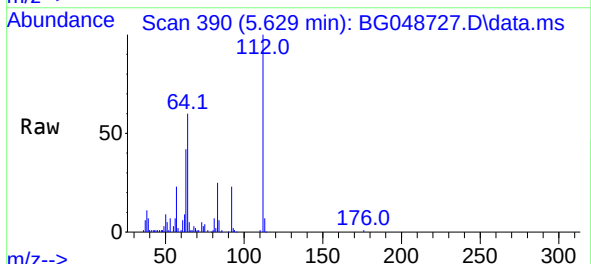
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

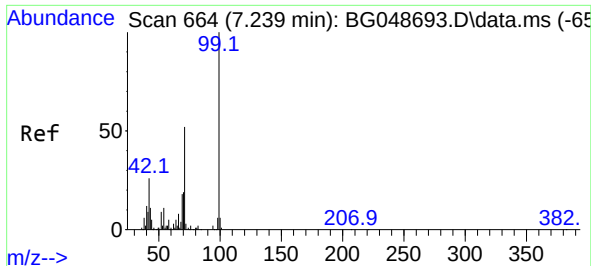
Tgt Ion:152 Resp: 17846
Ion Ratio Lower Upper
152 100
150 162.1 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 66.25 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:112 Resp: 70689
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 42.2 35.3 52.9

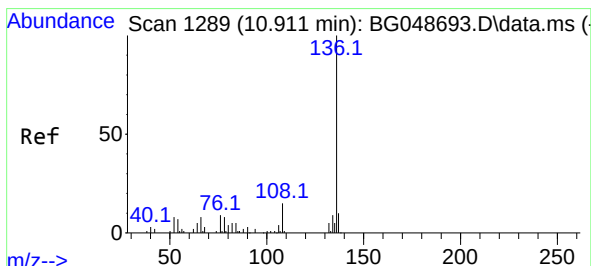
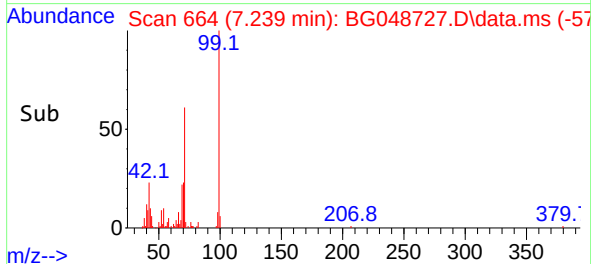
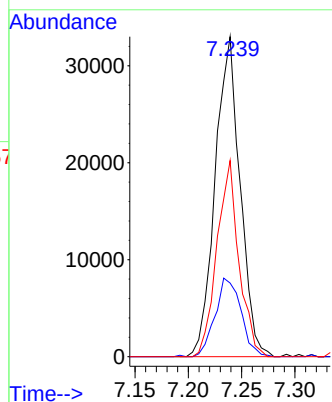
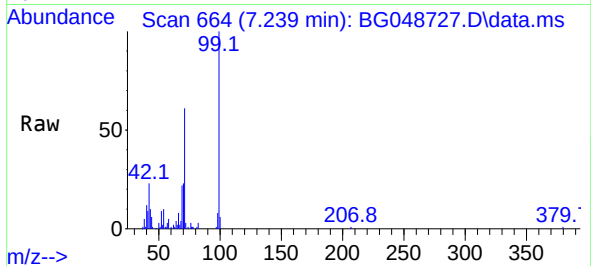




#7
Phenol-d6
Concen: 35.50 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

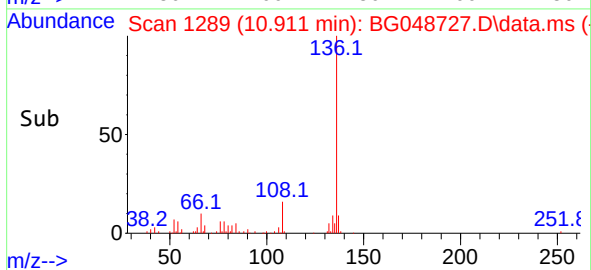
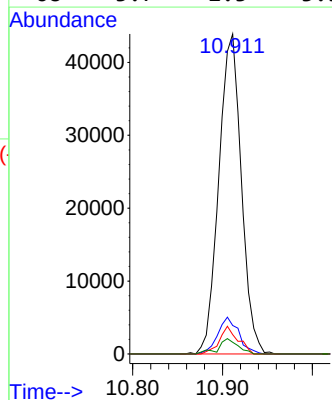
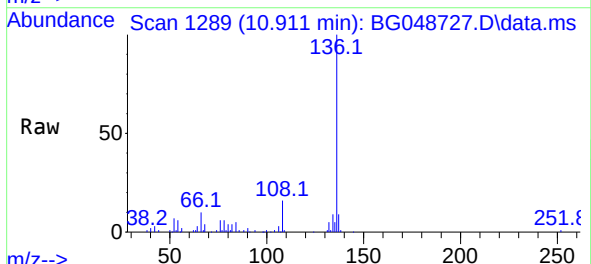
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

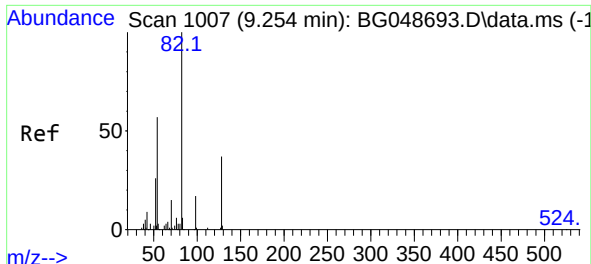
Tgt Ion: 99 Resp: 53576
Ion Ratio Lower Upper
99 100
42 23.0 20.5 30.7
71 61.3 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion: 136 Resp: 76367
Ion Ratio Lower Upper
136 100
137 8.9 8.2 12.2
54 6.1 5.5 8.3
68 3.7 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 97.19 ng

RT: 9.254 min Scan# 1007

Delta R.T. -0.001 min

Lab File: BG048727.D

Acq: 16 Apr 2021 16:43

Instrument :

BNA_G

ClientSampleId :

EB_04-08-2021_SO

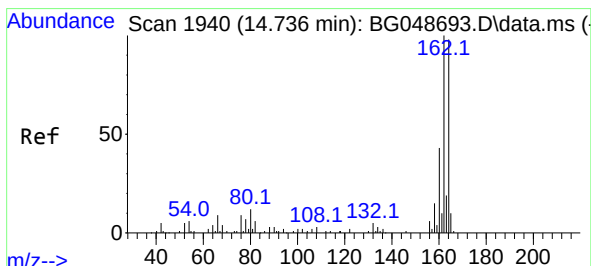
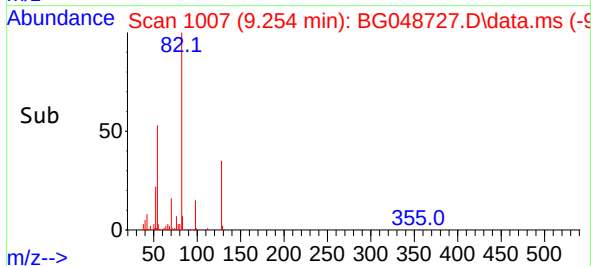
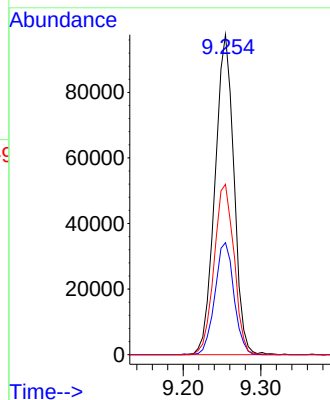
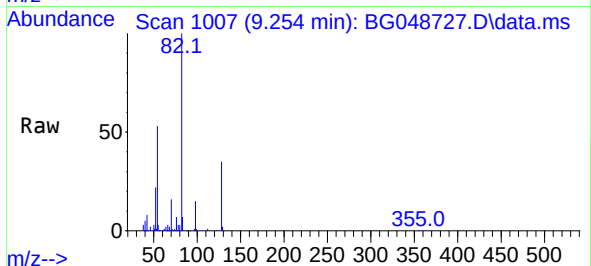
Tgt Ion: 82 Resp: 165788

Ion Ratio Lower Upper

82 100

128 35.0 29.8 44.6

54 53.3 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.742 min Scan# 1941

Delta R.T. -0.001 min

Lab File: BG048727.D

Acq: 16 Apr 2021 16:43

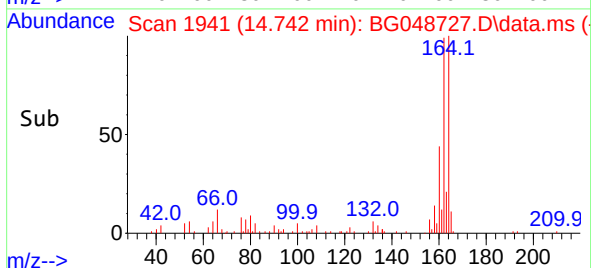
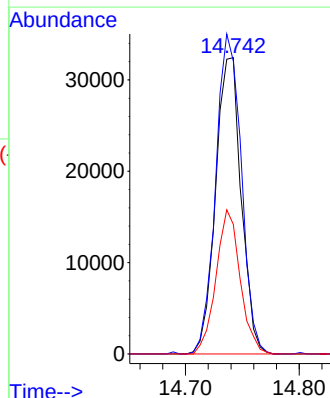
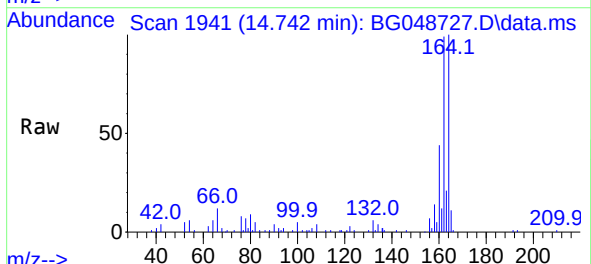
Tgt Ion:164 Resp: 50781

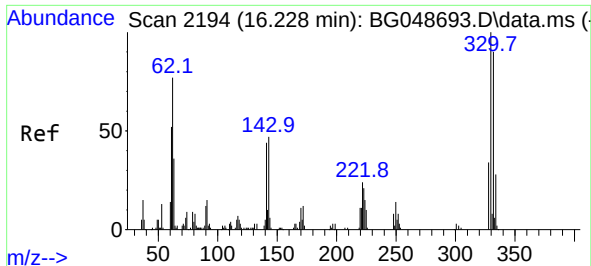
Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

160 43.7 34.9 52.3

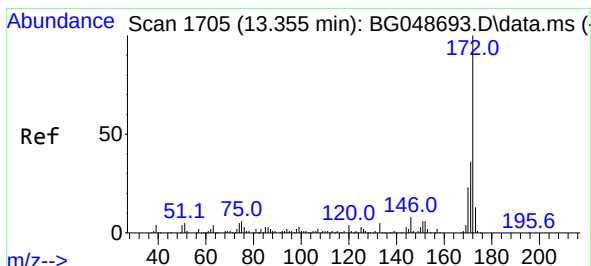
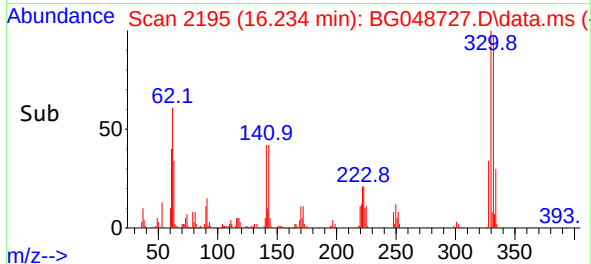
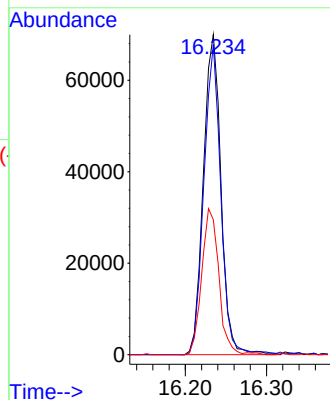
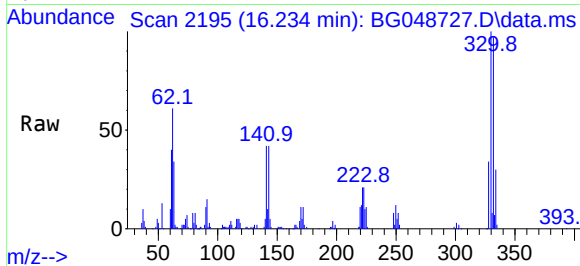




#42
2,4,6-Tribromophenol
Concen: 154.37 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

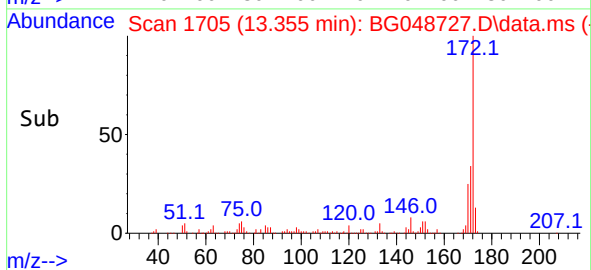
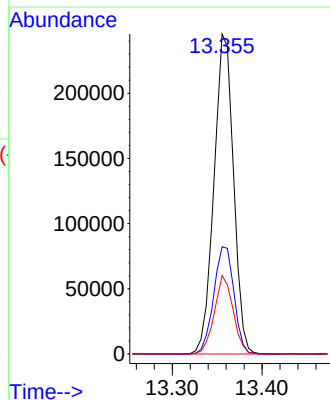
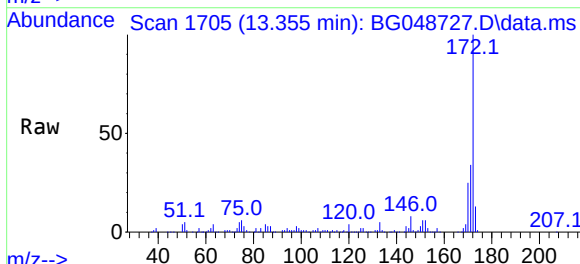
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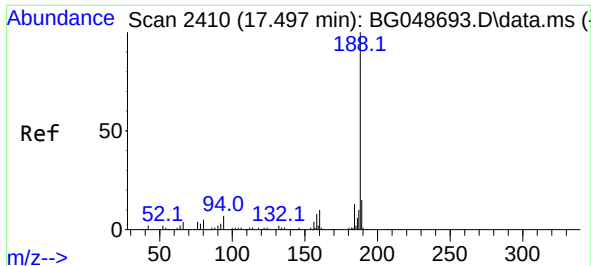
Tgt Ion:330 Resp: 105108
Ion Ratio Lower Upper
330 100
332 92.9 77.3 115.9
141 44.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 105.32 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:172 Resp: 370343
Ion Ratio Lower Upper
172 100
171 33.5 28.6 43.0
170 24.5 18.6 27.8

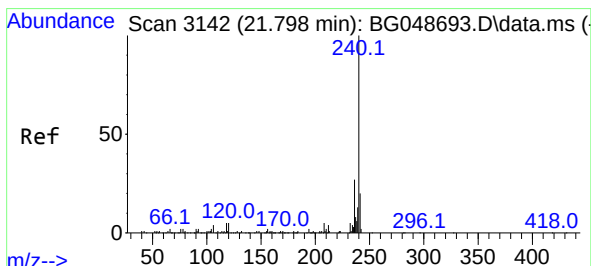
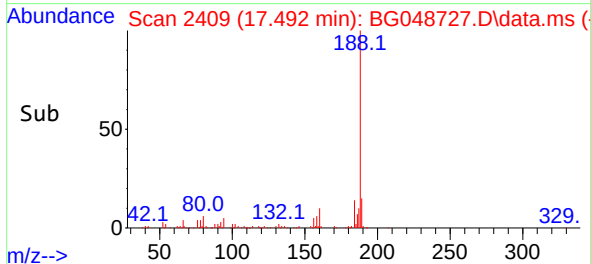
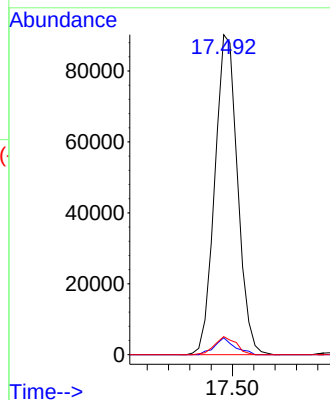
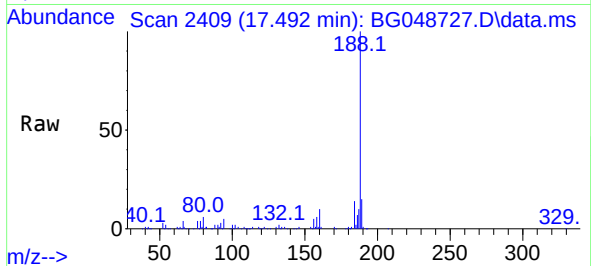




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

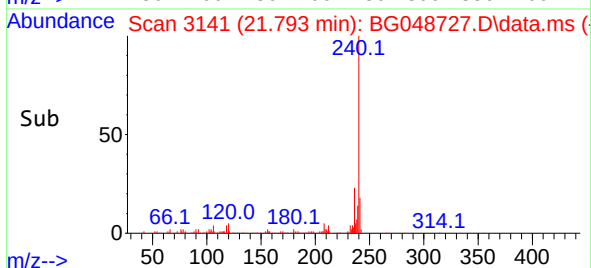
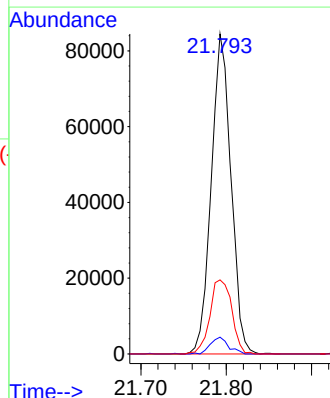
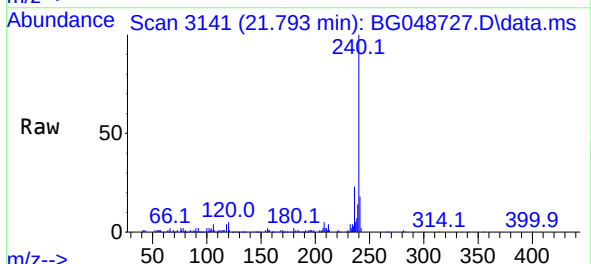
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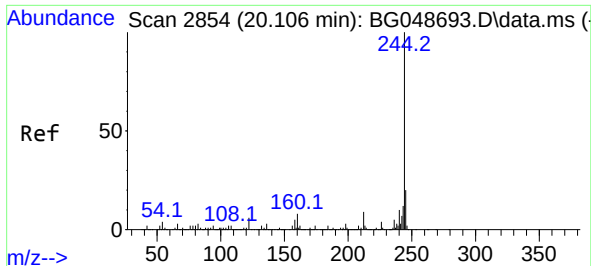
Tgt Ion:188 Resp: 133603
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 5.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:240 Resp: 135781
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 23.1 21.8 32.6

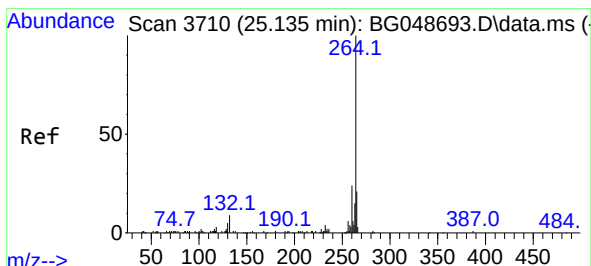
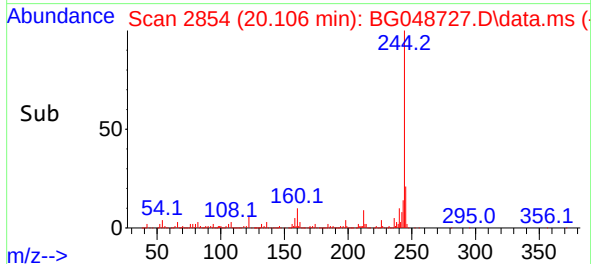
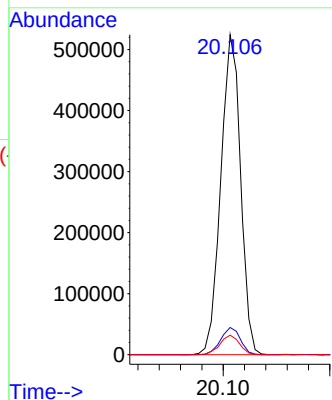
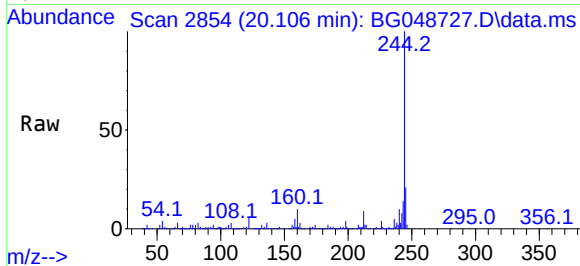




#79
Terphenyl-d14
Concen: 85.29 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Instrument :
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ClientSampleId :
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Tgt Ion:244	Resp: 672874
Ion Ratio	Lower Upper
244 100	
212 8.5	6.9 10.3
122 6.1	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:264	Resp: 133519
Ion Ratio	Lower Upper
264 100	
260 20.9	19.4 29.2
265 21.8	16.9 25.3

