

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048851.D
 Acq On : 22 Apr 2021 17:43
 Operator : CG/JU
 Sample : M2118-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 339

Quant Time: Apr 23 01:20:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

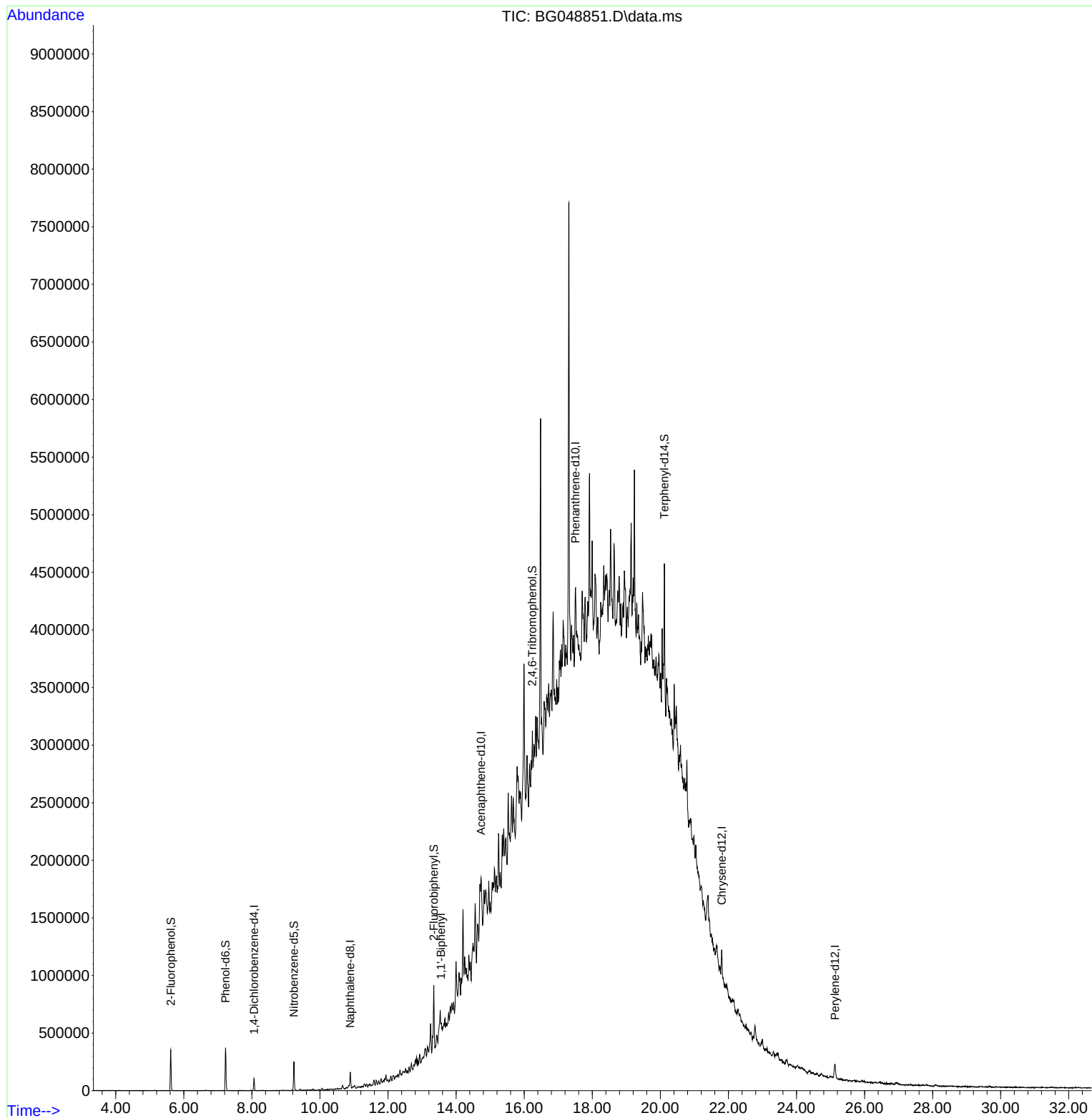
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	26281	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	99624	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	61246	20.00	ng	0.01
64) Phenanthrene-d10	17.509	188	130252	20.00	ng	# 0.03
76) Chrysene-d12	21.804	240	123246	20.00	ng	# 0.02
86) Perylene-d12	25.130	264	125202	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	143736	91.47	ng	0.01
7) Phenol-d6	7.227	99	181085	81.47	ng	0.00
23) Nitrobenzene-d5	9.237	82	141398	63.54	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	64893	79.02	ng	0.02
45) 2-Fluorobiphenyl	13.344	172	253822	59.85	ng	0.00
79) Terphenyl-d14	20.118	244	400613	55.95	ng	0.02
Target Compounds						
46) 1,1'-Biphenyl	13.555	154	14422	3.19	ng	Qvalue 90

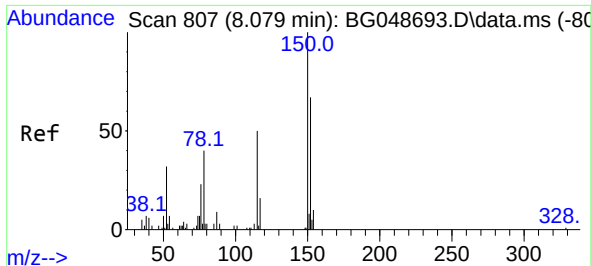
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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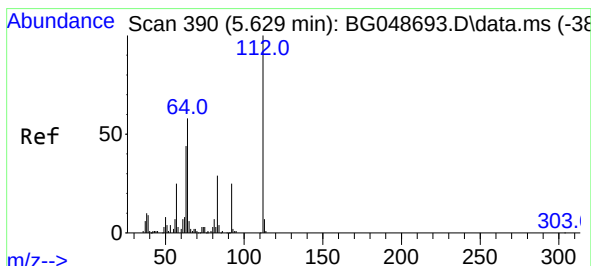
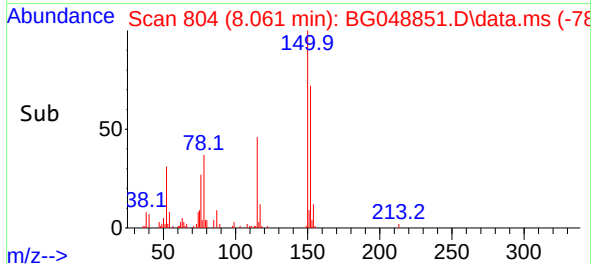
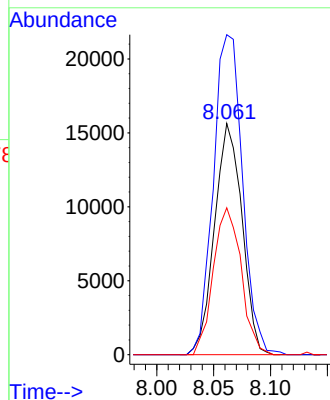
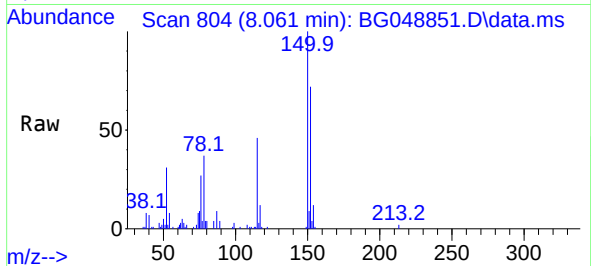




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

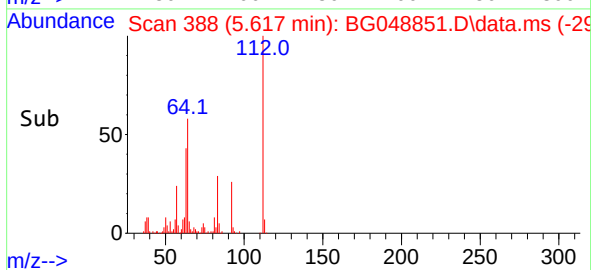
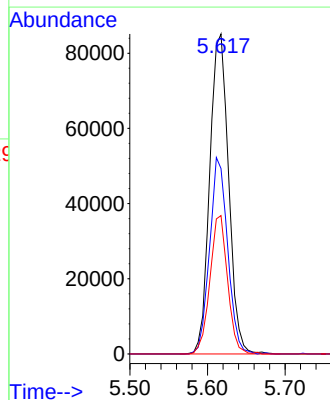
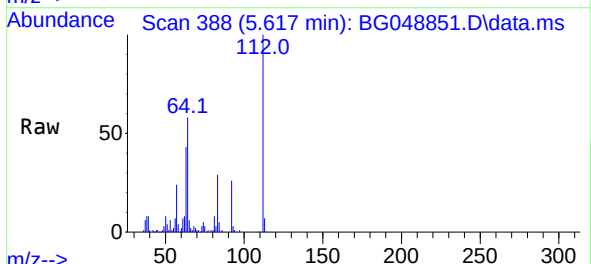
Instrument :
BNA_G
ClientSampleId :
339

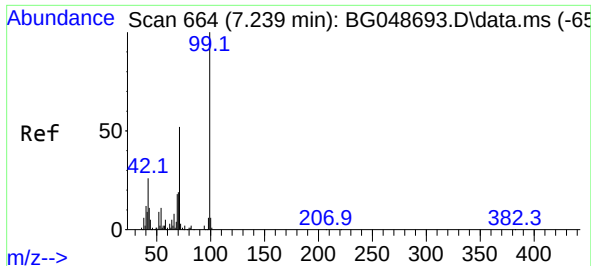
Tgt Ion:152 Resp: 26281
Ion Ratio Lower Upper
152 100
150 138.4 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 91.47 ng
RT: 5.617 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:112 Resp: 143736
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 43.3 35.3 52.9

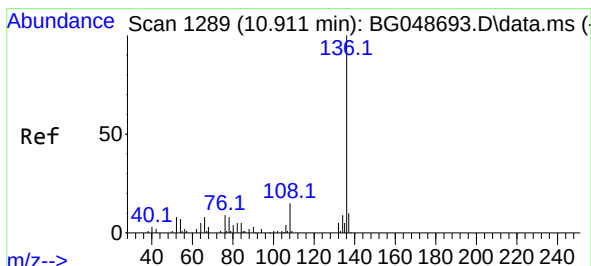
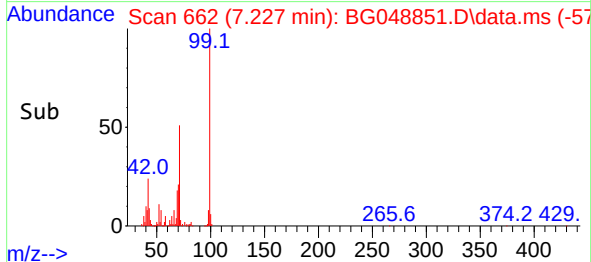
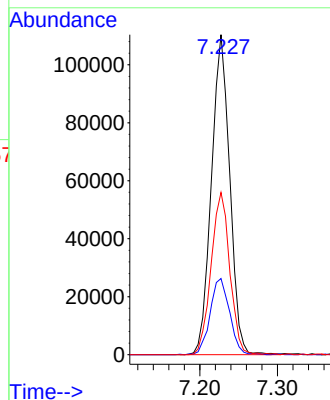
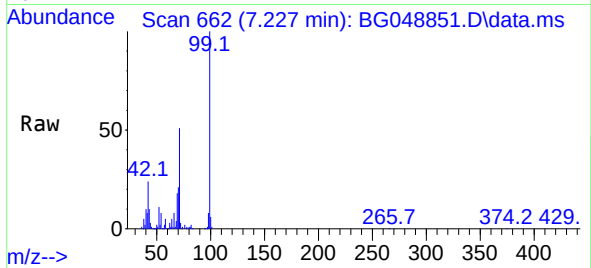




#7
Phenol-d6
Concen: 81.47 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

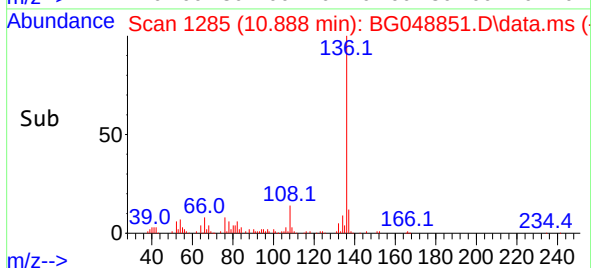
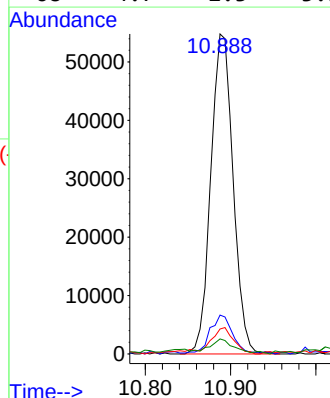
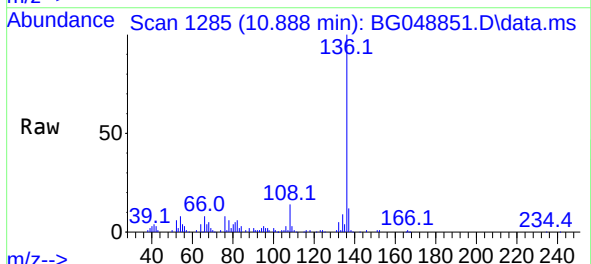
Instrument :
BNA_G
ClientSampled :
339

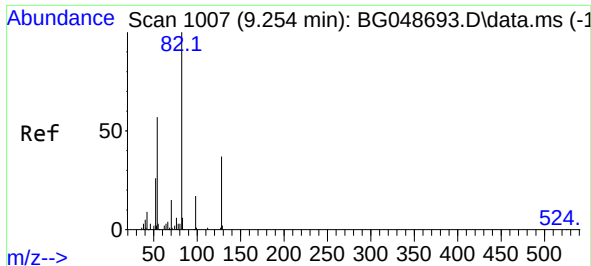
Tgt Ion: 99 Resp: 181085
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 50.7 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion: 136 Resp: 99624
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 7.8 5.5 8.3
68 4.7 2.3 3.5#

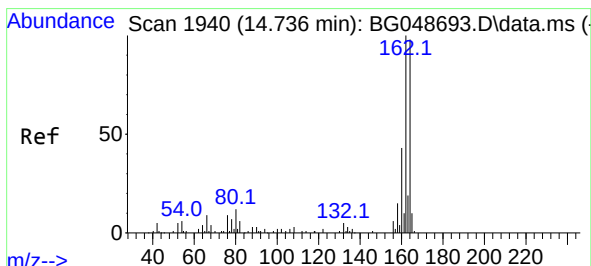
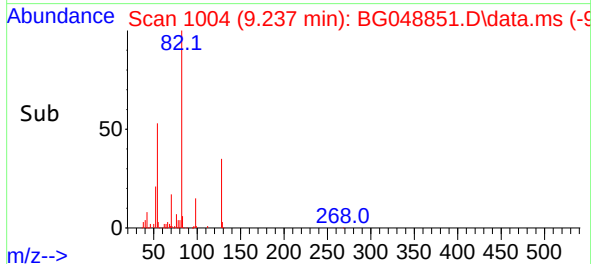
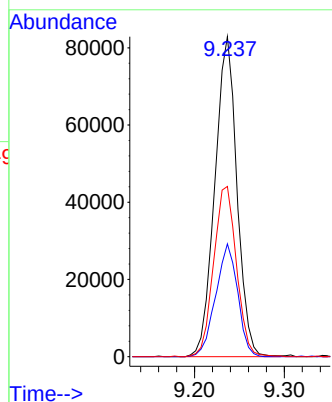
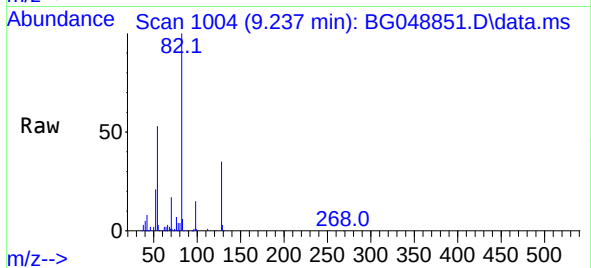




#23
Nitrobenzene-d5
Concen: 63.54 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

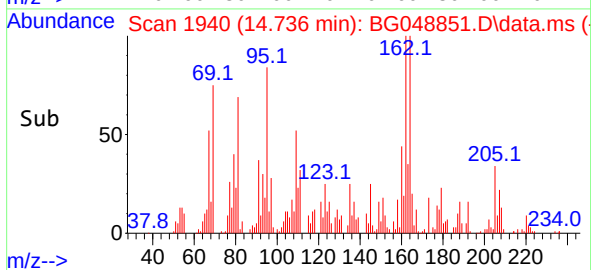
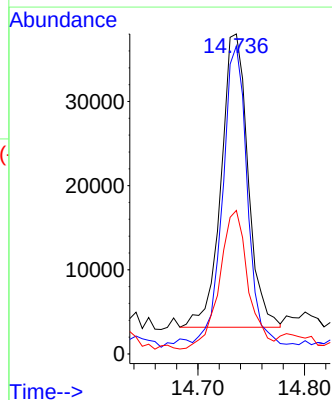
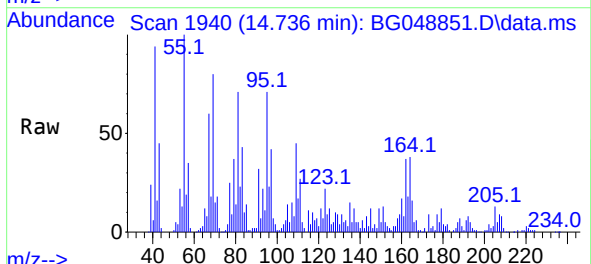
Instrument :
BNA_G
ClientSampled :
339

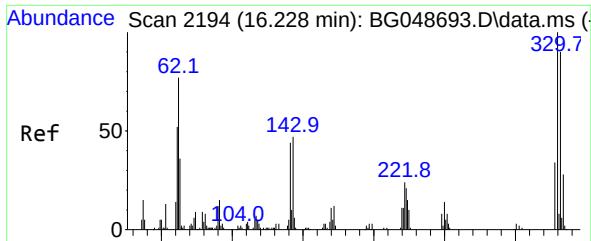
Tgt Ion: 82 Resp: 141398
Ion Ratio Lower Upper
82 100
128 35.3 29.8 44.6
54 53.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

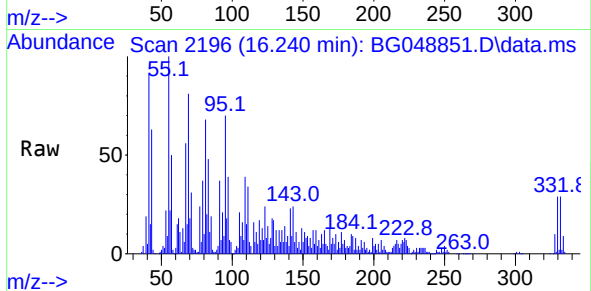
Tgt Ion:164 Resp: 61246
Ion Ratio Lower Upper
164 100
162 96.2 81.4 122.0
160 44.9 34.9 52.3



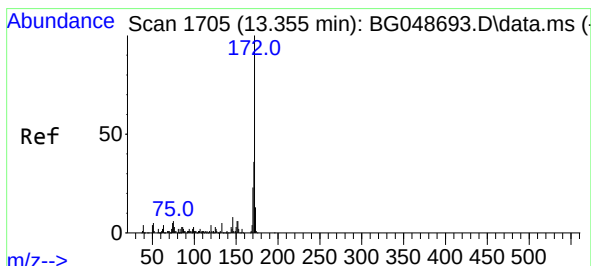
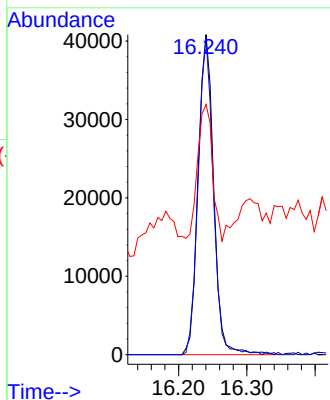
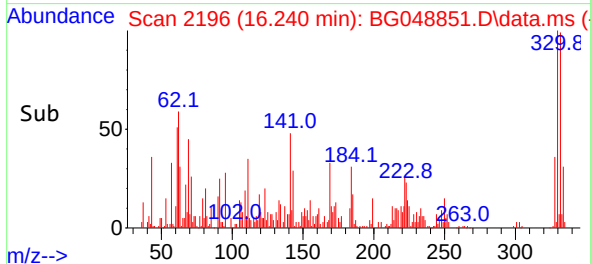


#42
2,4,6-Tribromophenol
Concen: 79.02 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

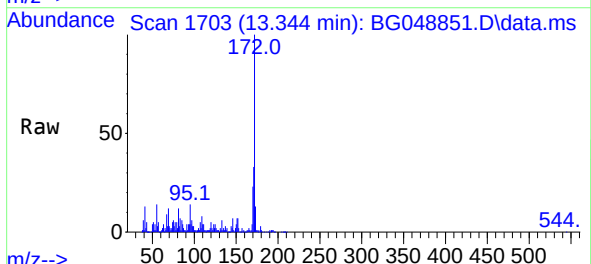
Instrument :
BNA_G
ClientSampleId :
339



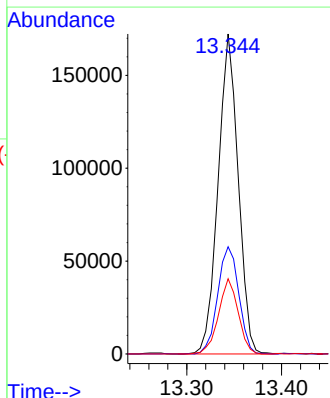
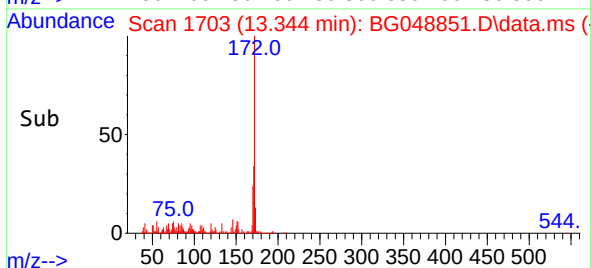
Tgt Ion:330 Resp: 64893
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 40.3 35.6 53.4

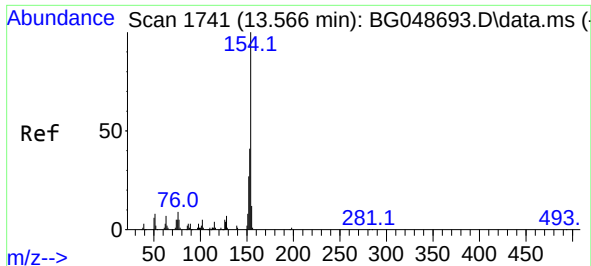


#45
2-Fluorobiphenyl
Concen: 59.85 ng
RT: 13.344 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43



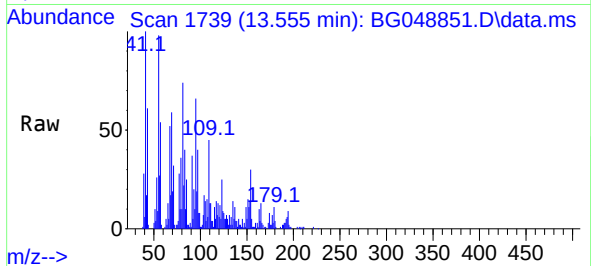
Tgt Ion:172 Resp: 253822
Ion Ratio Lower Upper
172 100
171 33.5 28.6 43.0
170 23.5 18.6 27.8



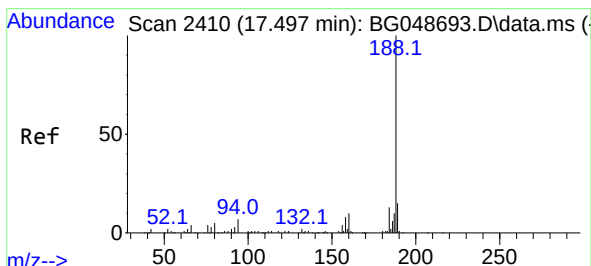
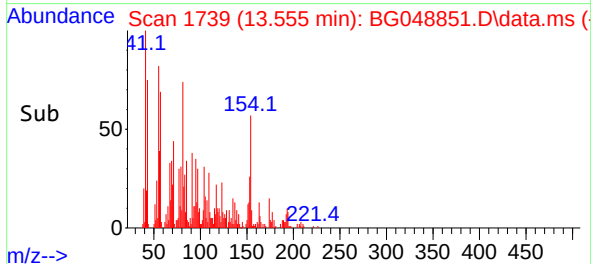
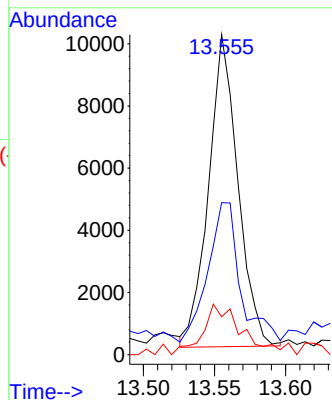


#46
1,1'-Biphenyl
Concen: 3.19 ng
RT: 13.555 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Instrument :
BNA_G
ClientSampled :
339

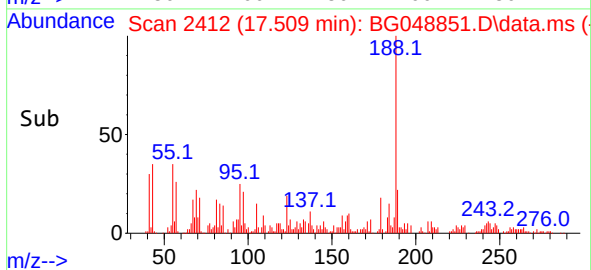
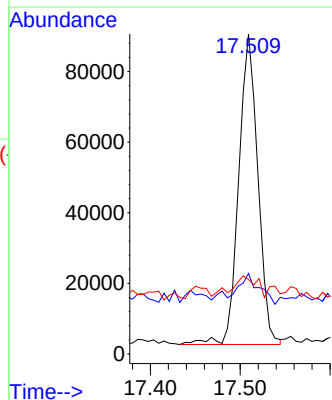
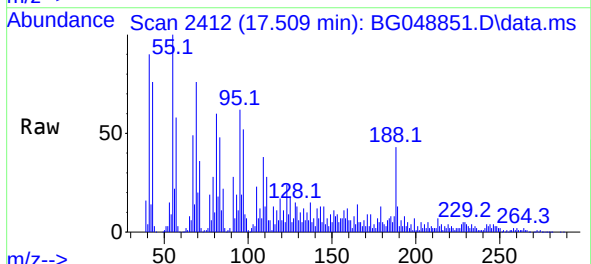


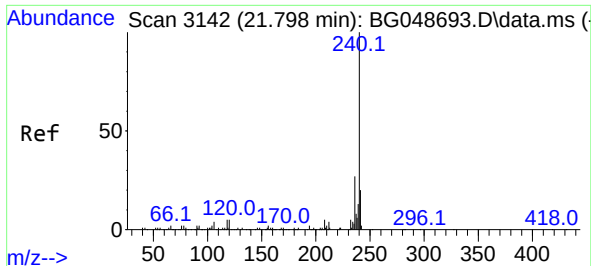
Tgt Ion:154	Resp:	14422
Ion Ratio	Lower	Upper
154	100	
153	47.5	20.5 60.5
76	11.9	0.0 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. 0.030 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Tgt Ion:188	Resp:	130252
Ion Ratio	Lower	Upper
188	100	
94	25.1	5.4 8.0#
80	23.2	3.7 5.5#

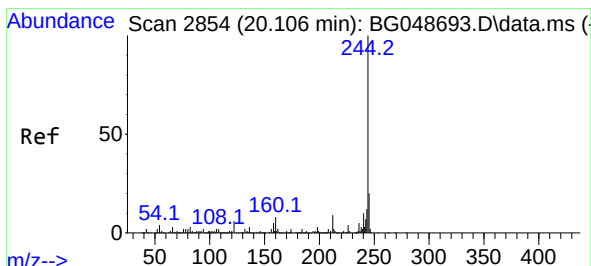
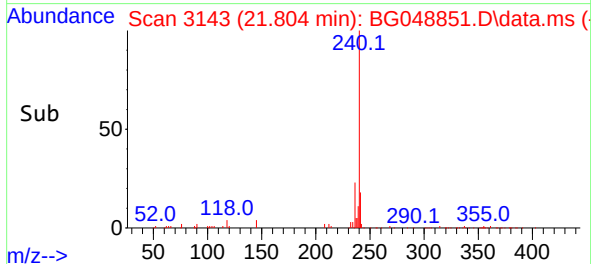
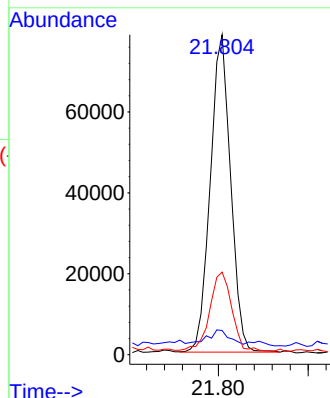
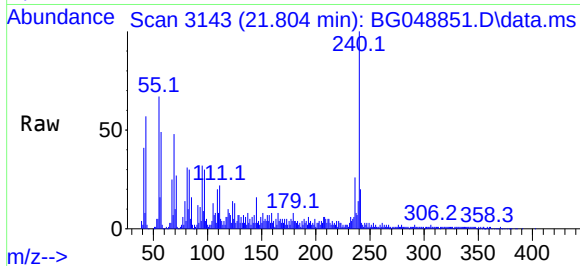




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3143
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

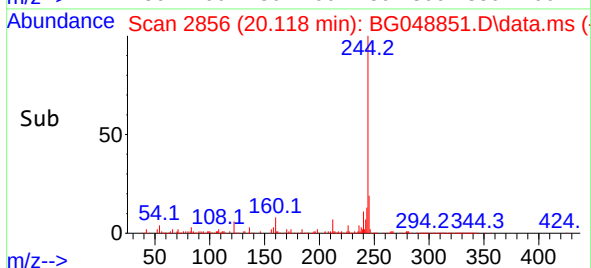
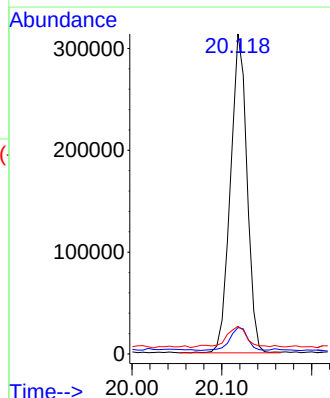
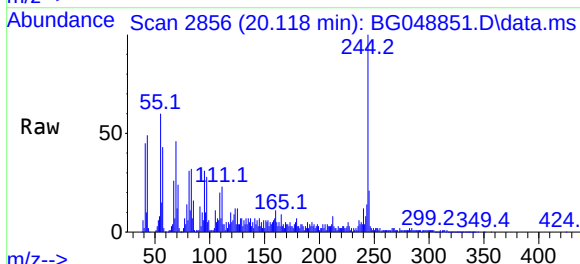
Instrument :
BNA_G
ClientSampled :
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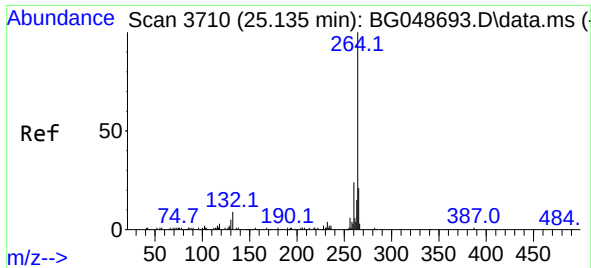
Tgt Ion:240 Resp: 123246
Ion Ratio Lower Upper
240 100
120 7.5 4.2 6.2#
236 25.8 21.8 32.6



#79
Terphenyl-d14
Concen: 55.95 ng
RT: 20.118 min Scan# 2856
Delta R.T. 0.024 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

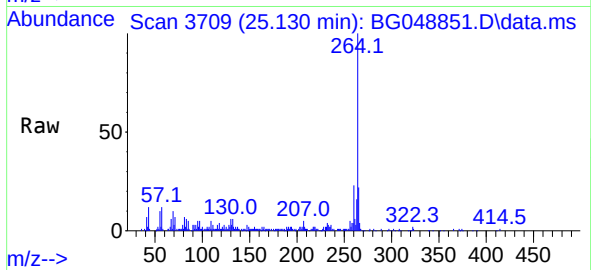
Tgt Ion:244 Resp: 400613
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 8.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.130 min Scan# 3709
Delta R.T. 0.018 min
Lab File: BG048851.D
Acq: 22 Apr 2021 17:43

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 125202

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.8	16.9	25.3

