

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048050.D
 Acq On : 28 Jan 2021 5:43
 Operator : CG/JU
 Sample : M1249-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5

Quant Time: Jan 28 06:27:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

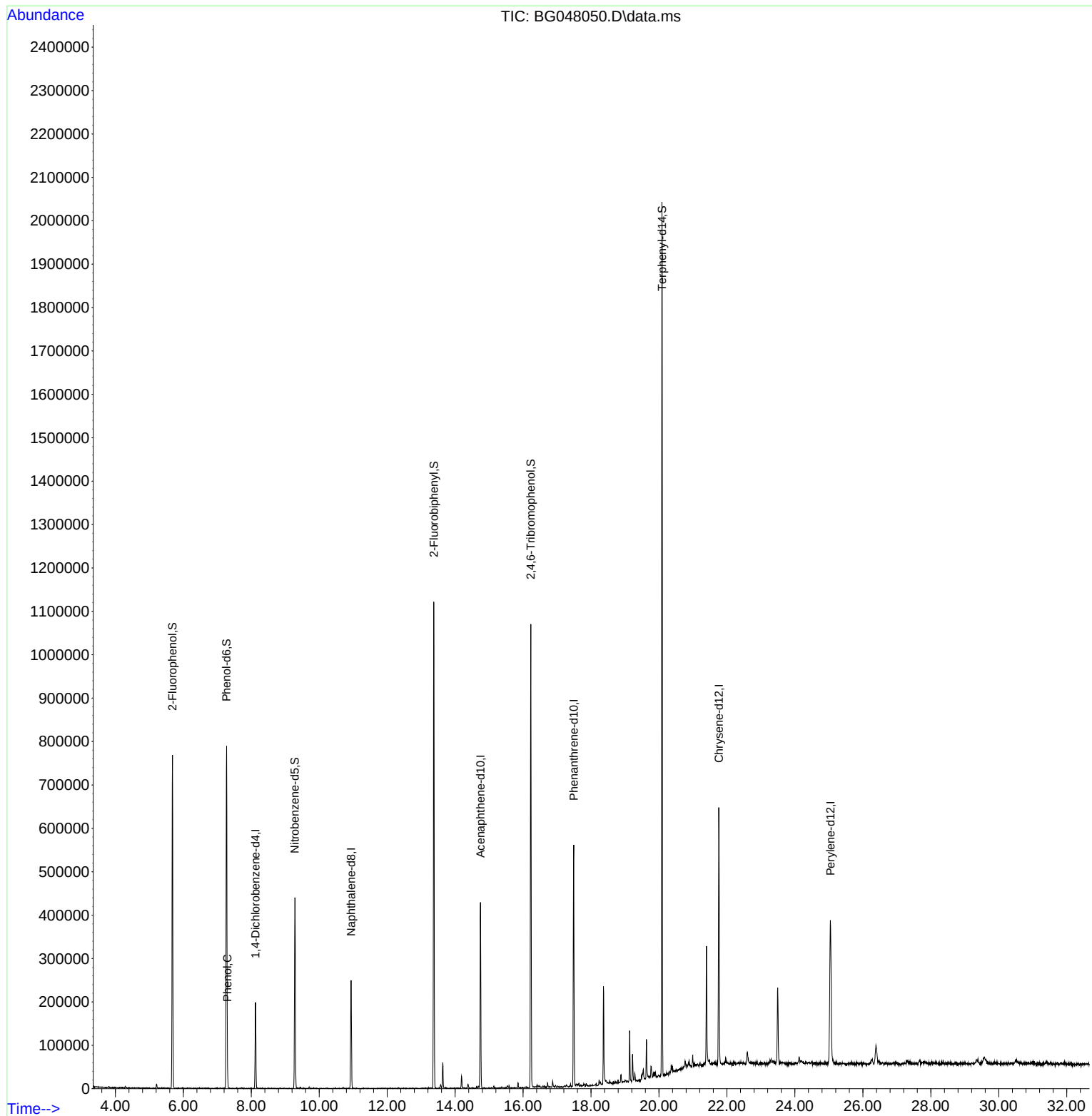
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	51246	20.00	ng	0.00
21) Naphthalene-d8	10.938	136	205518	20.00	ng	0.00
39) Acenaphthene-d10	14.746	164	146155	20.00	ng	0.00
64) Phenanthrene-d10	17.490	188	354404	20.00	ng	# 0.00
76) Chrysene-d12	21.761	240	371659	20.00	ng	#-0.01
86) Perylene-d12	25.045	264	374448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	302901	90.84	ng	0.00
7) Phenol-d6	7.272	99	421434	83.13	ng	0.00
23) Nitrobenzene-d5	9.282	82	281726	54.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.226	330	202981	83.38	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	573715	50.75	ng	-0.01
79) Terphenyl-d14	20.087	244	927551	43.27	ng	0.00
Target Compounds						
10) Phenol	7.296	94	21714	4.47	ng	Qvalue # 67

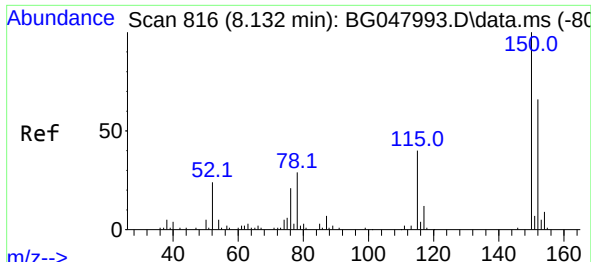
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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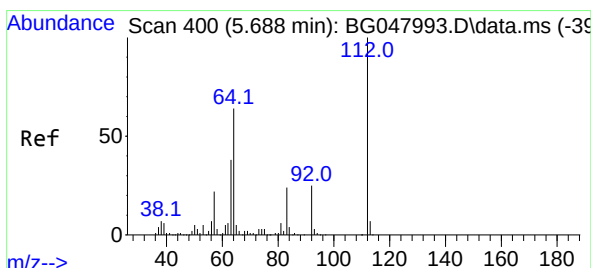
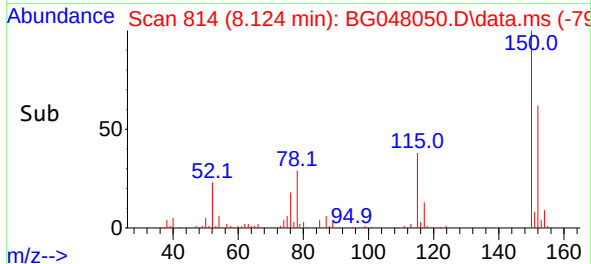
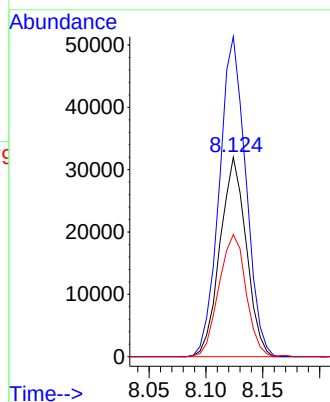
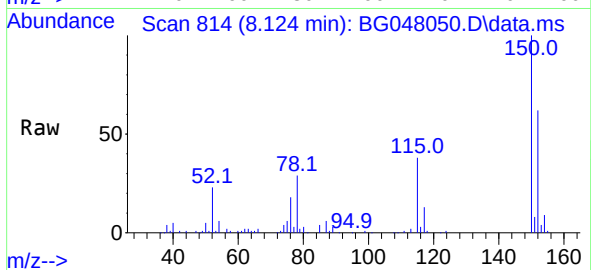




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 814
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

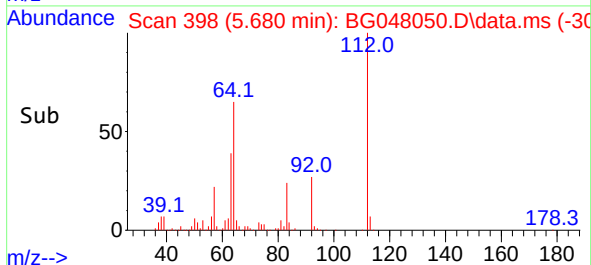
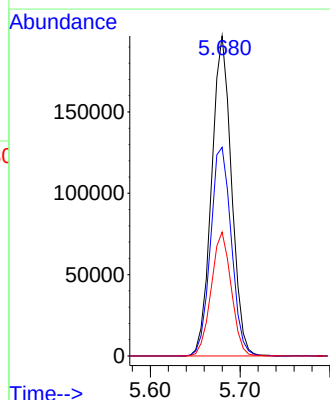
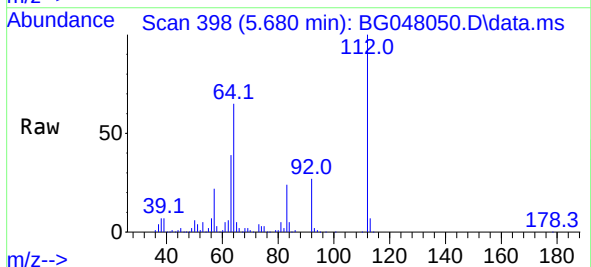
Instrument :
BNA_G
ClientSampled :
5

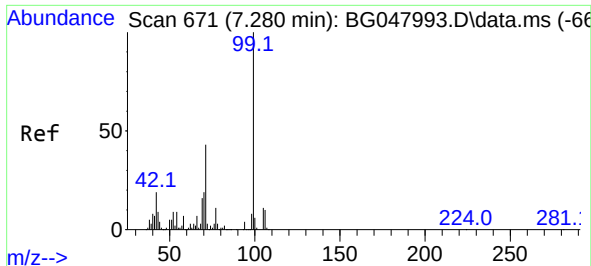
Tgt Ion:152 Resp: 51246
Ion Ratio Lower Upper
152 100
150 160.4 125.0 187.6
115 61.2 41.8 62.6



#5
2-Fluorophenol
Concen: 90.84 ng
RT: 5.680 min Scan# 398
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:112 Resp: 302901
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 38.7 22.8 34.2#

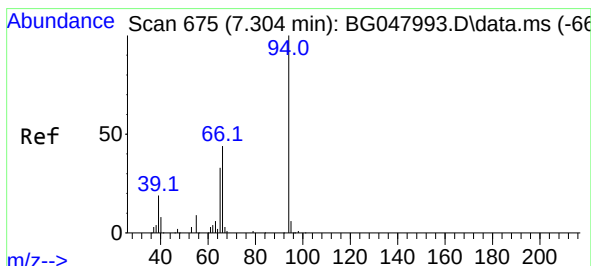
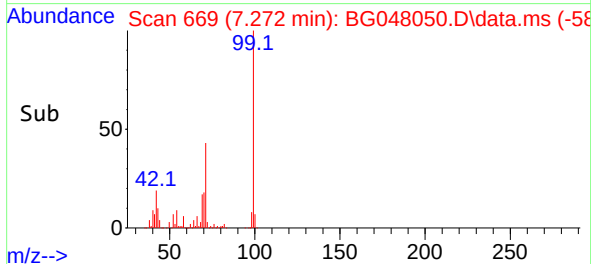
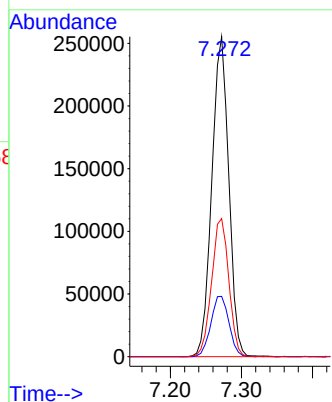
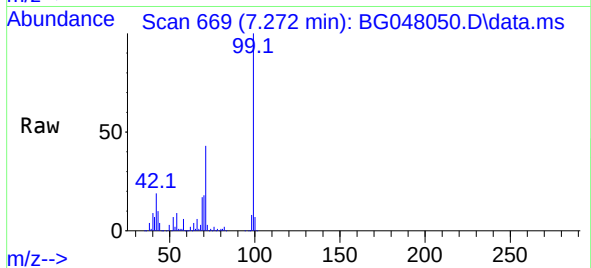




#7
Phenol-d6
Concen: 83.13 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

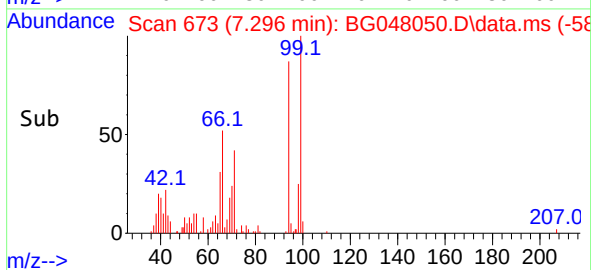
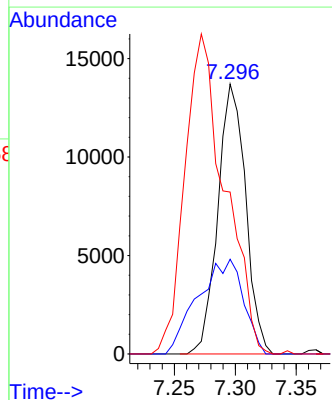
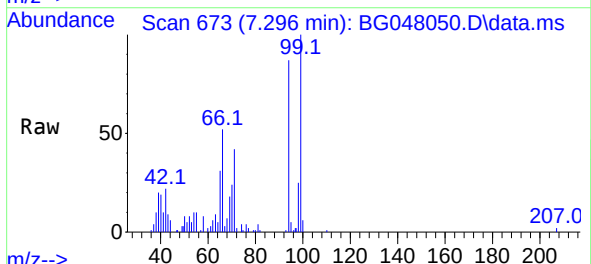
Instrument :
BNA_G
ClientSampleId :
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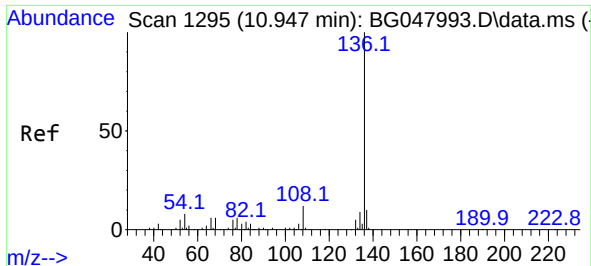
Tgt Ion: 99 Resp: 421434
Ion Ratio Lower Upper
99 100
42 18.9 12.8 19.2
71 43.2 24.6 36.8#



#10
Phenol
Concen: 4.47 ng
RT: 7.296 min Scan# 673
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion: 94 Resp: 21714
Ion Ratio Lower Upper
94 100
65 35.1 6.6 46.6
66 60.0 13.9 53.9#

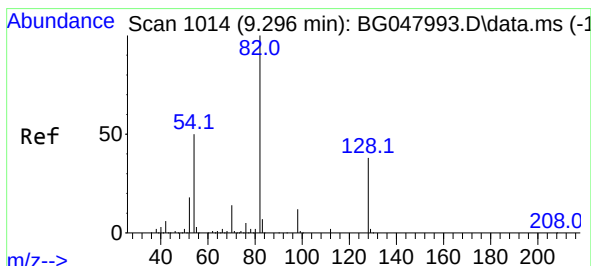
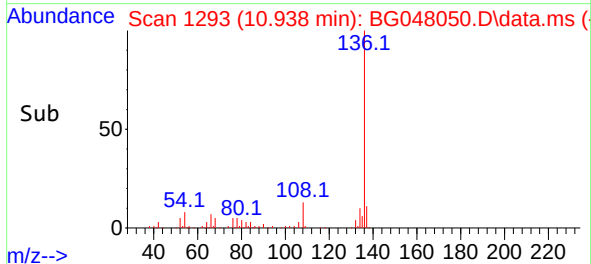
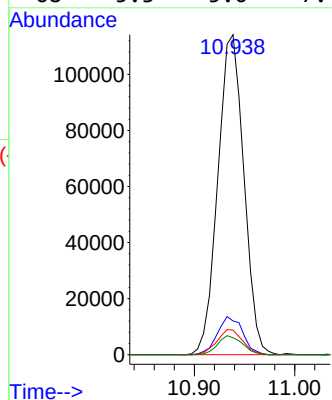
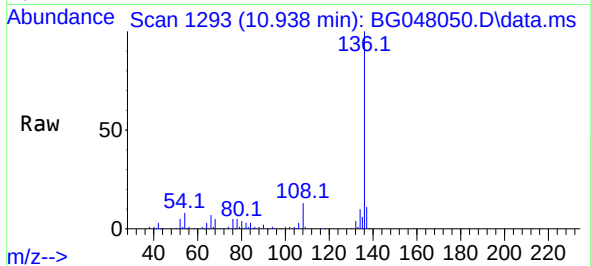




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1293
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

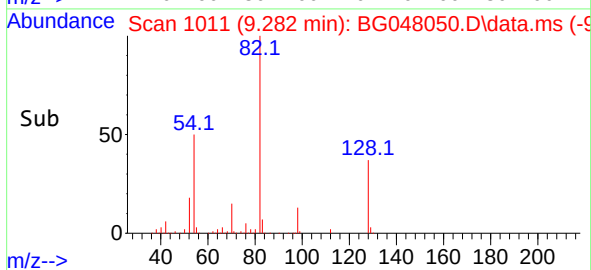
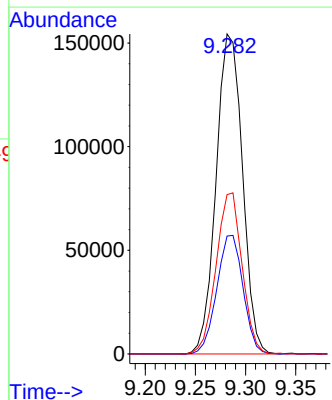
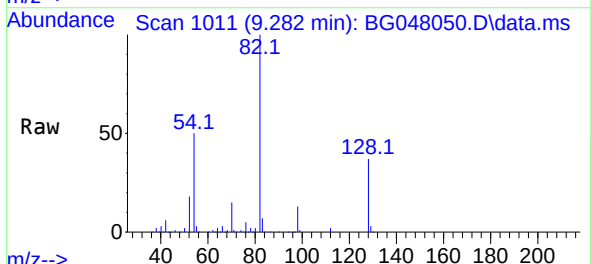
Instrument :
BNA_G
ClientSampleId :
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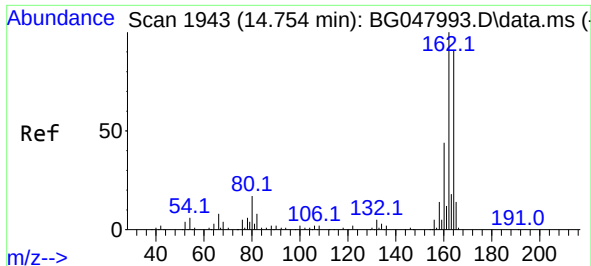
Tgt Ion:136	Resp: 205518
Ion Ratio	Lower Upper
136	100
137	10.5 9.1 13.7
54	7.7 6.2 9.4
68	5.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.24 ng
RT: 9.282 min Scan# 1011
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

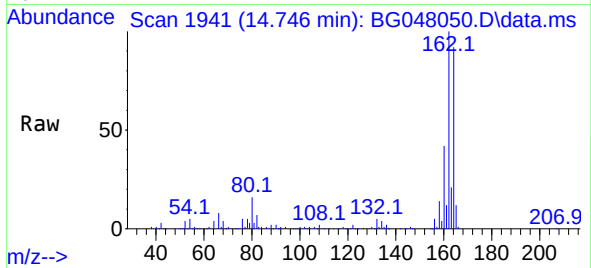
Tgt Ion: 82	Resp: 281726
Ion Ratio	Lower Upper
82	100
128	36.9 37.0 55.6#
54	49.8 39.0 58.4



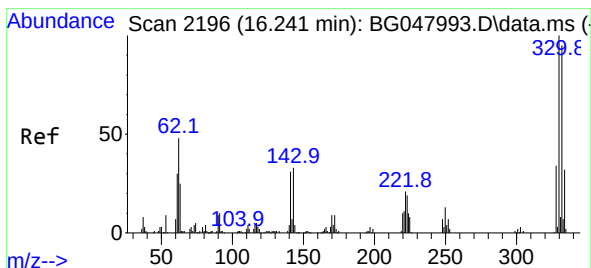
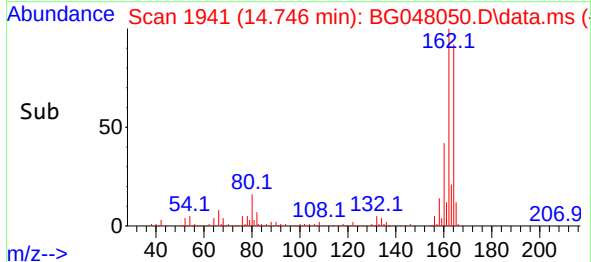
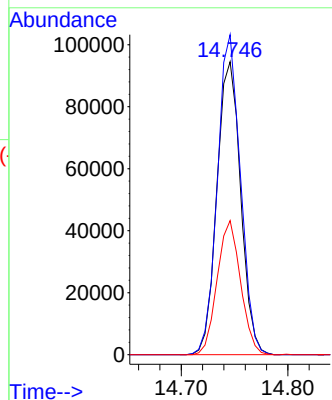


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

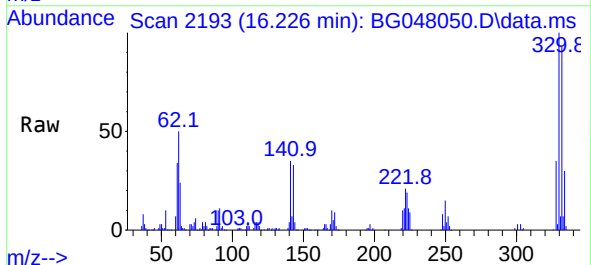
Instrument :
BNA_G
ClientSampled :
5



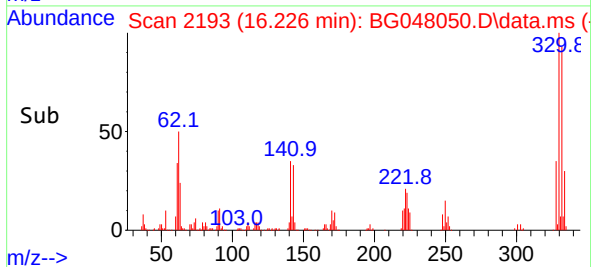
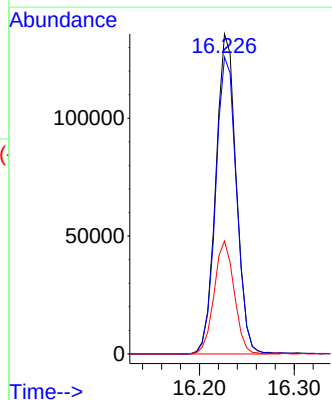
Tgt Ion:164 Resp: 146155
Ion Ratio Lower Upper
164 100
162 109.2 82.3 123.5
160 45.8 35.3 52.9

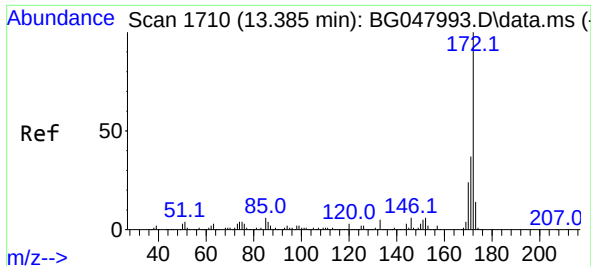


#42
2,4,6-Tribromophenol
Concen: 83.38 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43



Tgt Ion:330 Resp: 202981
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 34.6 26.0 39.0

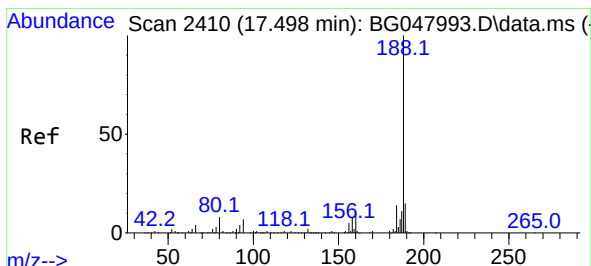
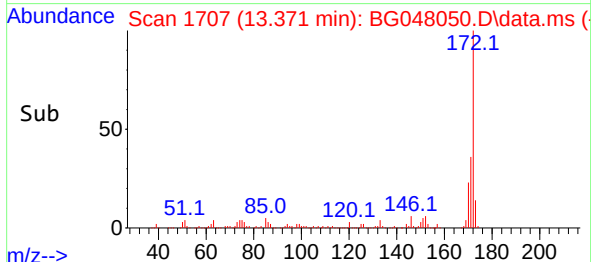
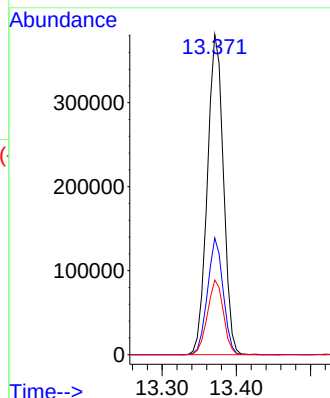
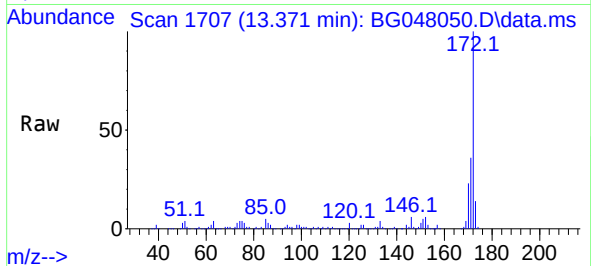




#45
2-Fluorobiphenyl
Concen: 50.75 ng
RT: 13.371 min Scan# 1707
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

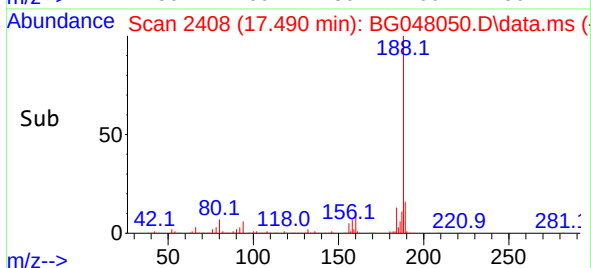
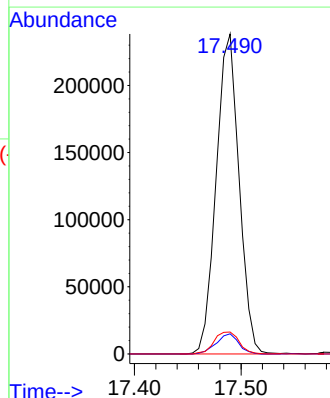
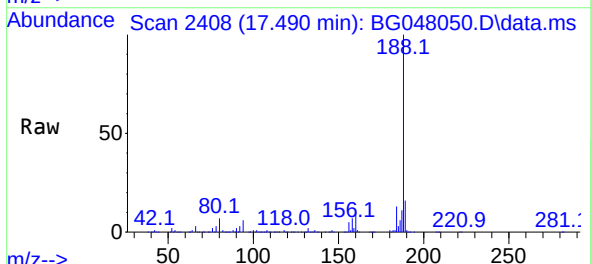
Instrument :
BNA_G
ClientSampleId :
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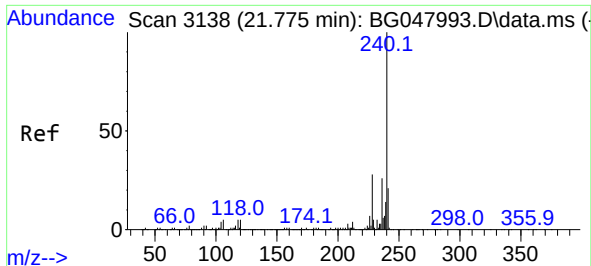
Tgt Ion:	172	Resp:	573715
Ion Ratio	Lower	Upper	
172	100		
171	36.5	31.3	46.9
170	23.3	20.8	31.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.490 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Tgt Ion:	188	Resp:	354404
Ion Ratio	Lower	Upper	
188	100		
94	6.3	6.3	9.5#
80	6.8	7.0	10.6#

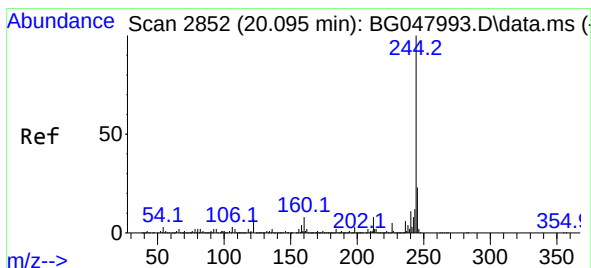
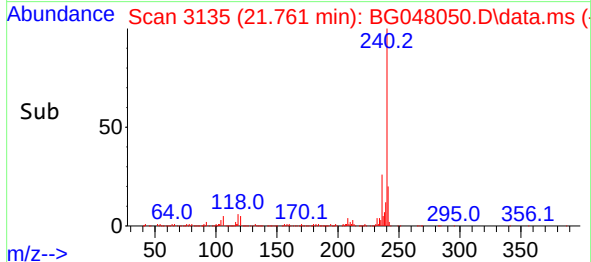
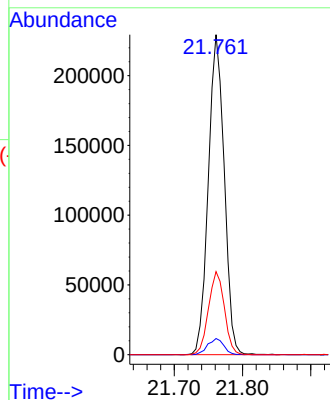
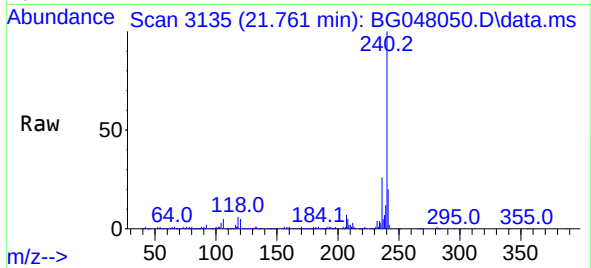




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.761 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

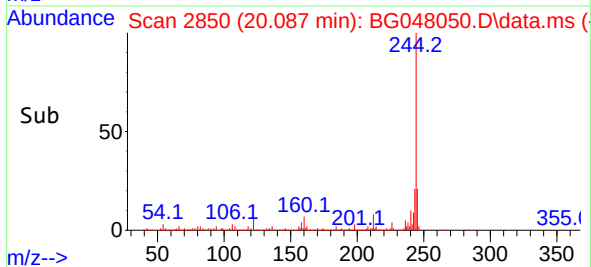
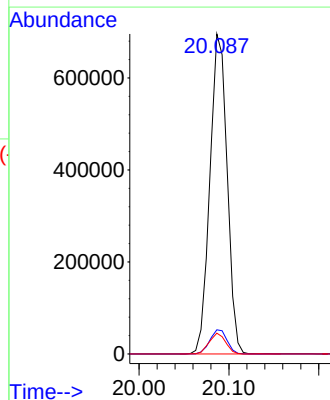
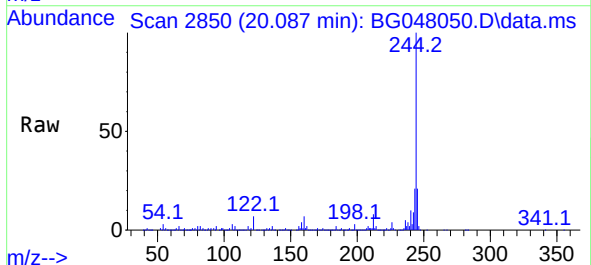
Instrument :
BNA_G
ClientSampleId :
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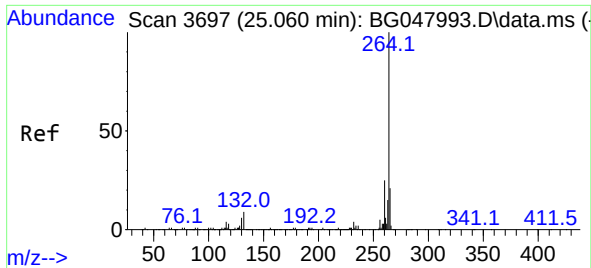
Tgt Ion:240 Resp: 371659
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 43.27 ng
RT: 20.087 min Scan# 2850
Delta R.T. -0.008 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

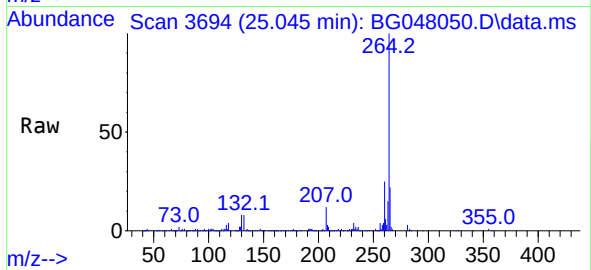
Tgt Ion:244 Resp: 927551
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 6.5 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.045 min Scan# 3694
Delta R.T. -0.014 min
Lab File: BG048050.D
Acq: 28 Jan 2021 5:43

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	264	Resp:	374448
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.0	17.8	26.8

