

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048753.D
 Acq On : 17 Apr 2021 13:42
 Operator : CG/JU
 Sample : M2050-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 19 00:26:22 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	8.076	152	15446	20.00	ng	0.00
21) Naphthalene-d8	10.902	136	63183	20.00	ng	#-0.01
39) Acenaphthene-d10	14.733	164	44412	20.00	ng	-0.01
64) Phenanthrene-d10	17.488	188	110509	20.00	ng	#-0.01
76) Chrysene-d12	21.789	240	122449	20.00	ng	#-0.01
86) Perylene-d12	25.126	264	119536	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	136580	147.89	ng	0.00
7) Phenol-d6	7.241	99	156120	119.51	ng	0.00
23) Nitrobenzene-d5	9.251	82	152516	108.07	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	96085	161.36	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	312567	101.64	ng	0.00
79) Terphenyl-d14	20.103	244	720485	101.27	ng	0.00

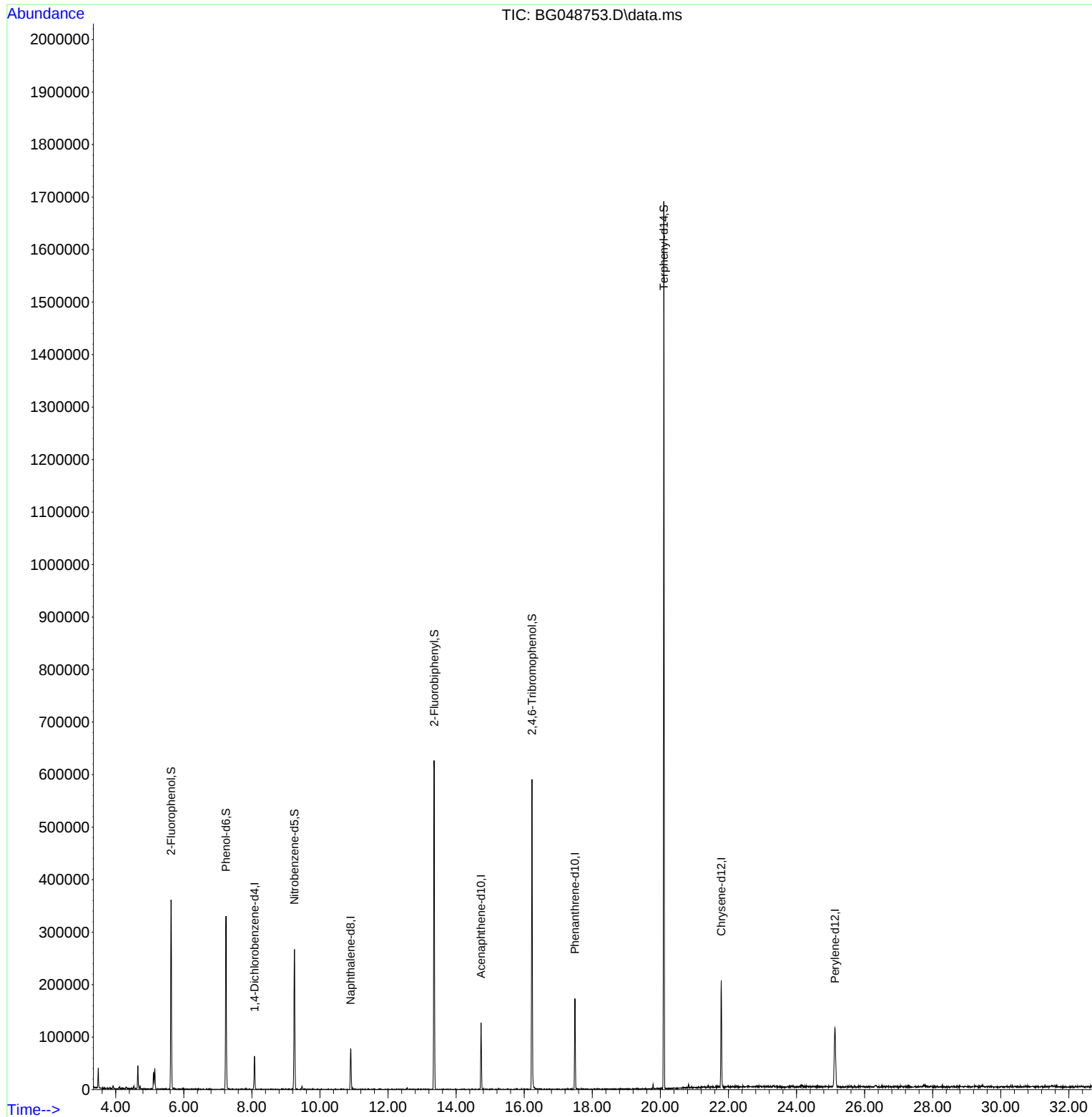
Target Compounds	Qvalue

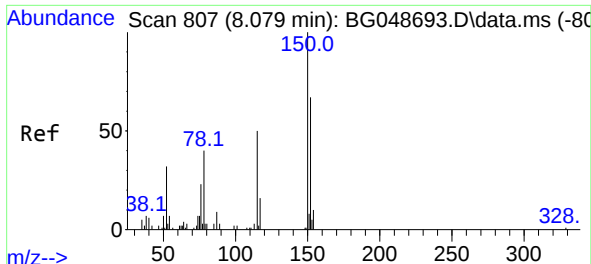
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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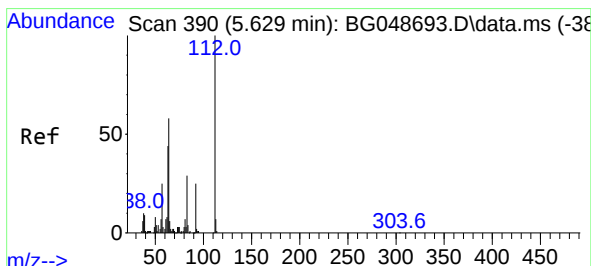
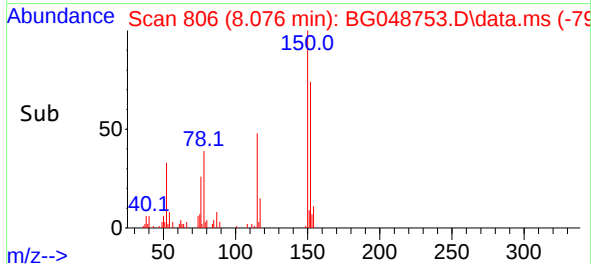
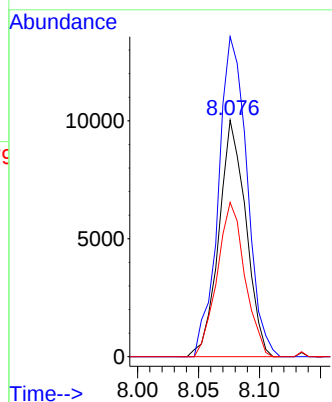
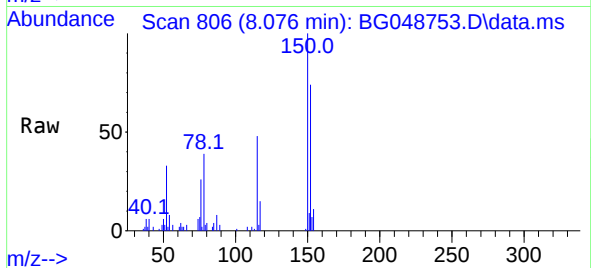




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

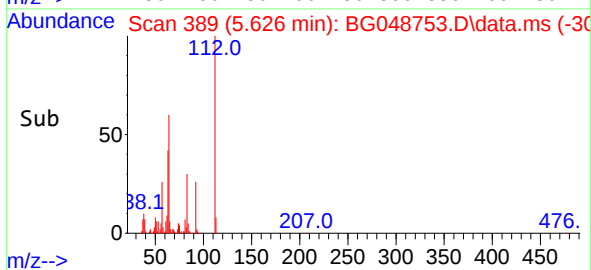
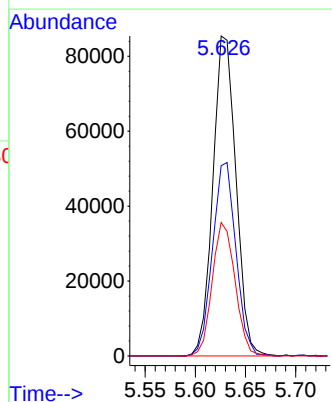
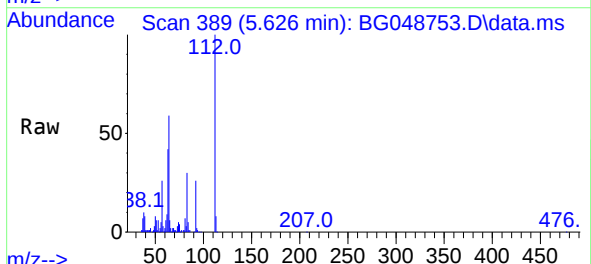
Instrument :
BNA_G
ClientSampleId :
TP-5

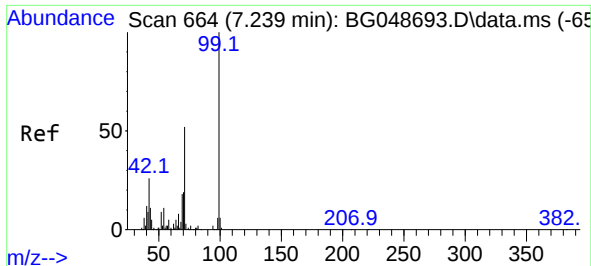
Tgt Ion:152 Resp: 15446
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 65.2 60.2 90.4



#5
2-Fluorophenol
Concen: 147.89 ng
RT: 5.626 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:112 Resp: 136580
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 41.7 35.3 52.9

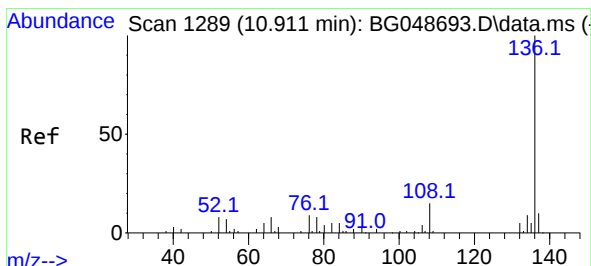
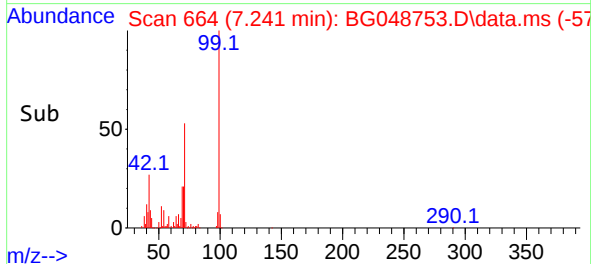
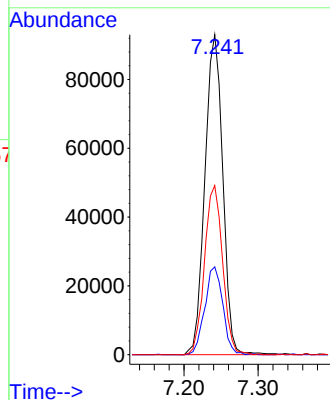
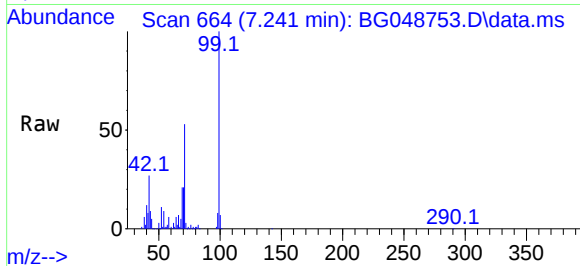




#7
Phenol-d6
Concen: 119.51 ng
RT: 7.241 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

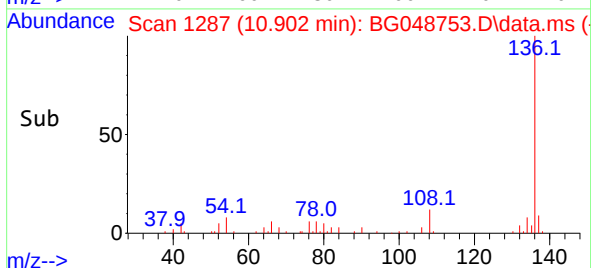
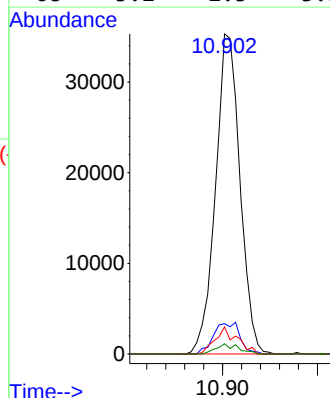
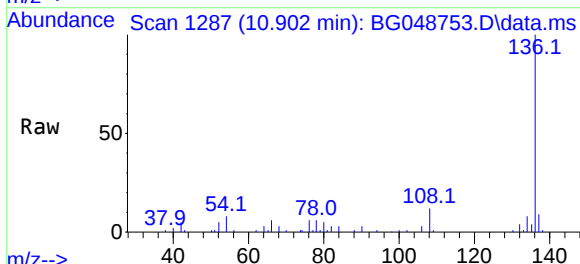
Instrument :
BNA_G
ClientSampleId :
TP-5

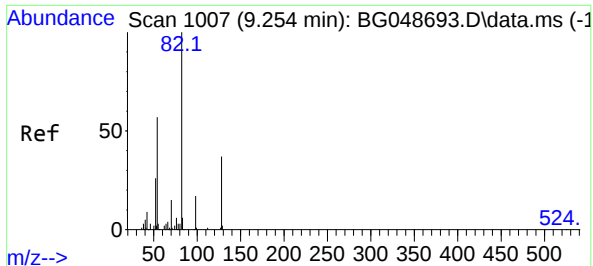
Tgt Ion: 99 Resp: 156120
Ion Ratio Lower Upper
99 100
42 27.5 20.5 30.7
71 52.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion: 136 Resp: 63183
Ion Ratio Lower Upper
136 100
137 9.5 8.2 12.2
54 8.5 5.5 8.3#
68 3.2 2.3 3.5

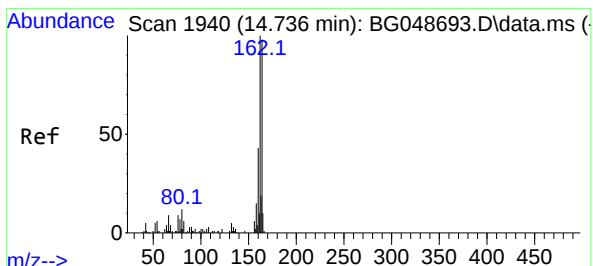
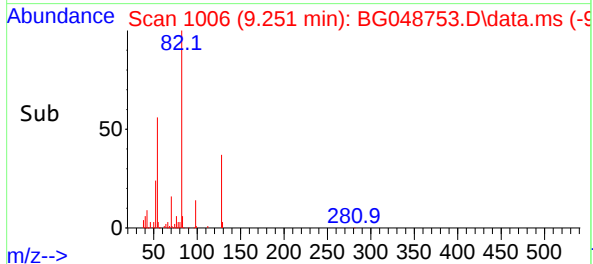
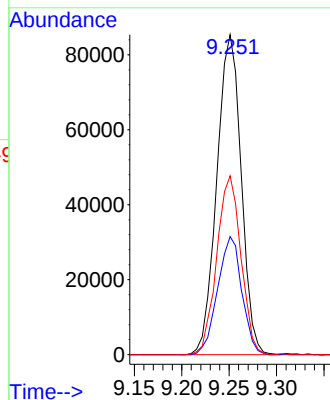
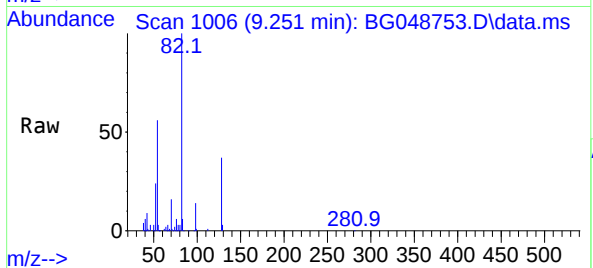




#23
Nitrobenzene-d5
Concen: 108.07 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

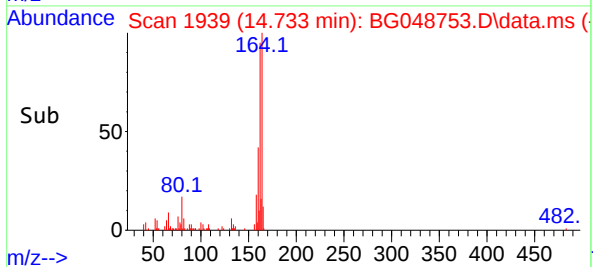
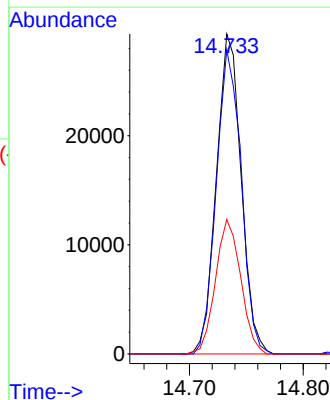
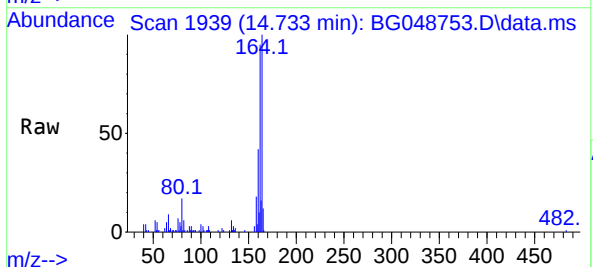
Instrument :
BNA_G
ClientSampleId :
TP-5

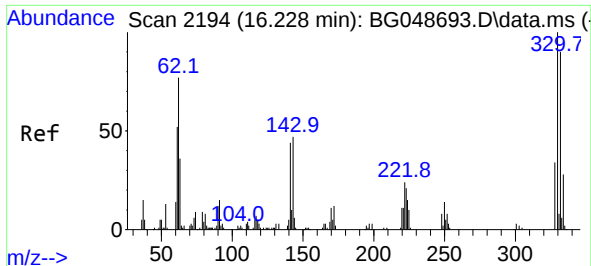
Tgt Ion: 82 Resp: 152516
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 55.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:164 Resp: 44412
Ion Ratio Lower Upper
164 100
162 95.1 81.4 122.0
160 42.0 34.9 52.3

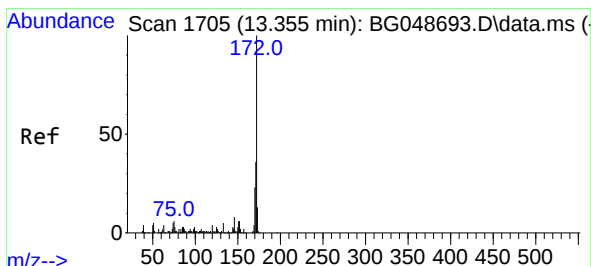
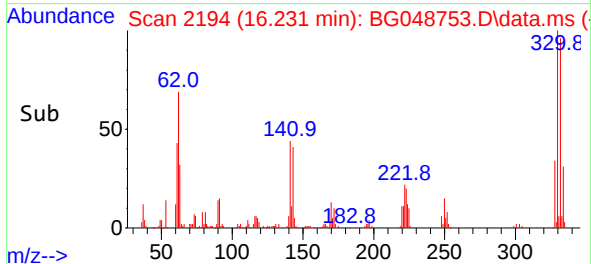
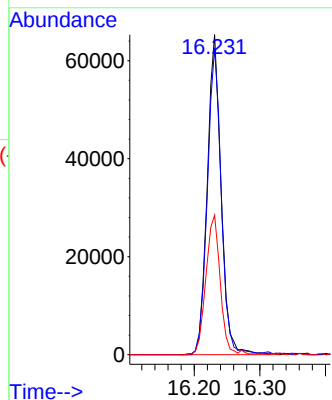
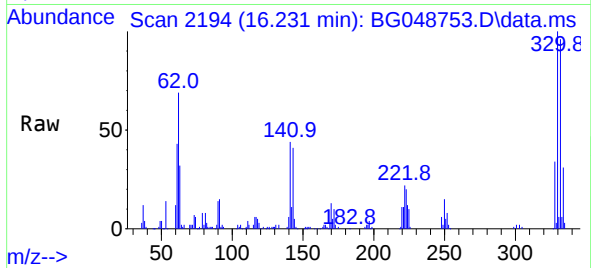




#42
2,4,6-Tribromophenol
Concen: 161.36 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

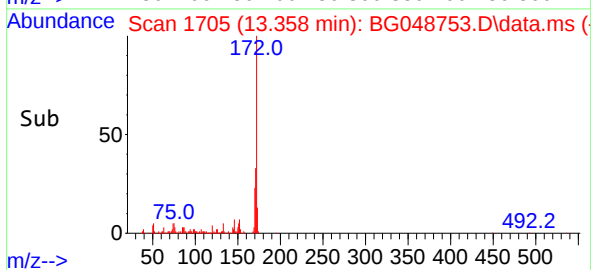
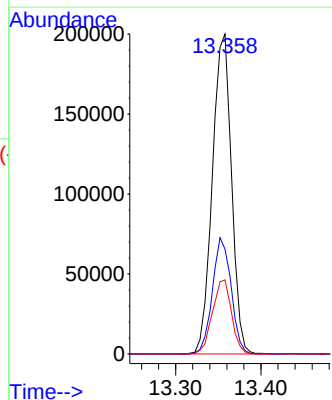
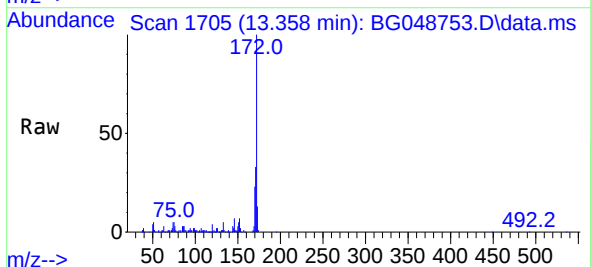
Instrument :
BNA_G
ClientSampleId :
TP-5

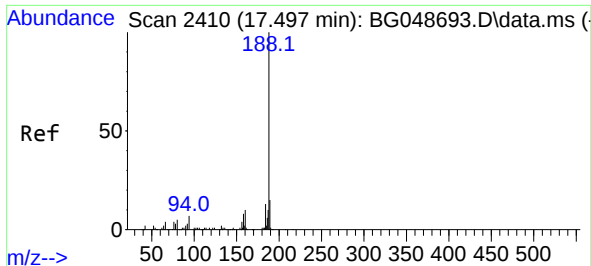
Tgt Ion:330 Resp: 96085
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 45.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 101.64 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:172 Resp: 312567
Ion Ratio Lower Upper
172 100
171 32.7 28.6 43.0
170 23.2 18.6 27.8

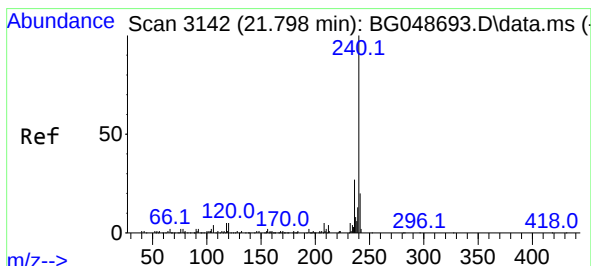
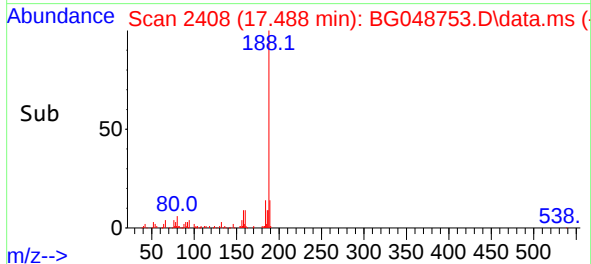
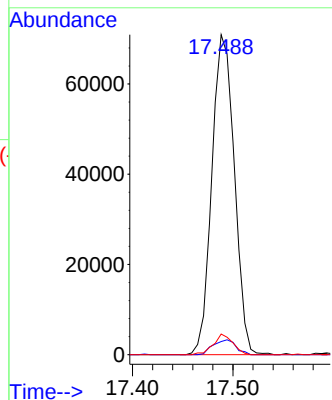
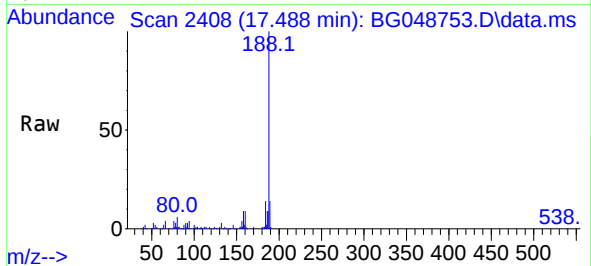




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

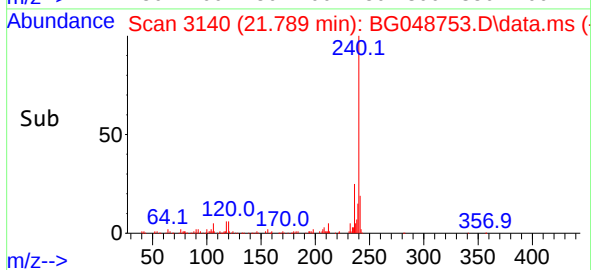
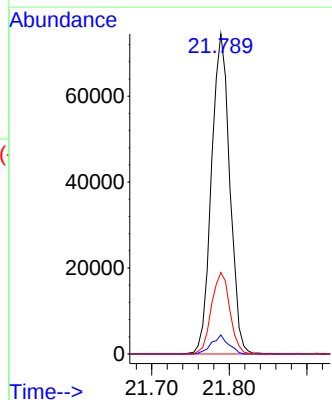
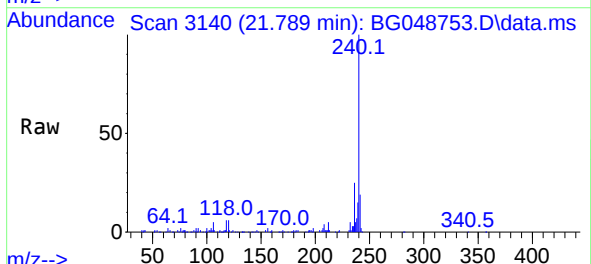
Instrument :
BNA_G
ClientSampled :
TP-5

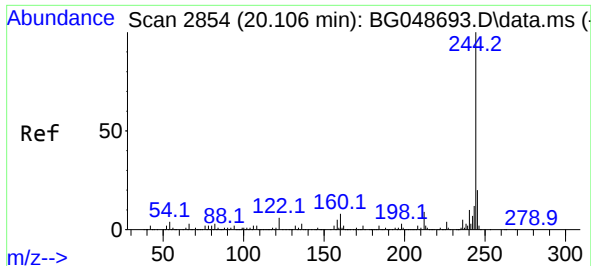
Tgt Ion:188 Resp: 110509
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 6.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:240 Resp: 122449
Ion Ratio Lower Upper
240 100
120 7.3 4.2 6.2#
236 25.5 21.8 32.6

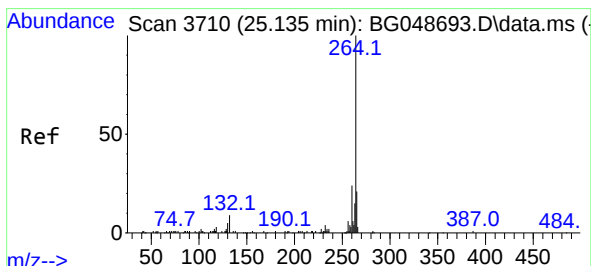
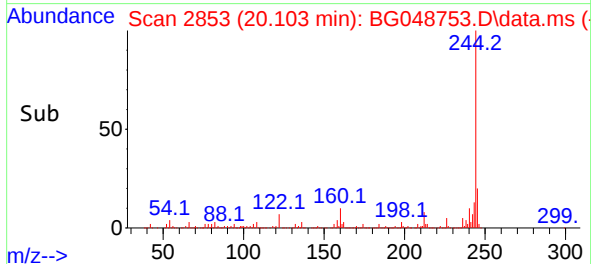
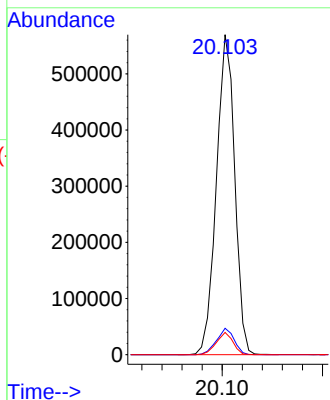
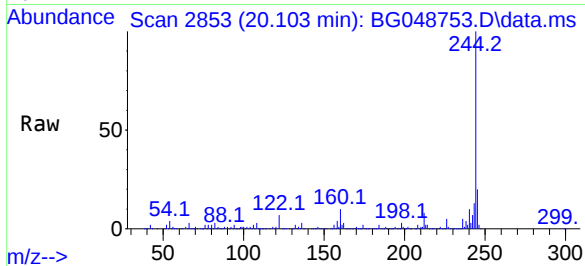




#79
Terphenyl-d14
Concen: 101.27 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:244 Resp: 720485
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.126 min Scan# 3708
Delta R.T. -0.016 min
Lab File: BG048753.D
Acq: 17 Apr 2021 13:42

Tgt Ion:264 Resp: 119536
Ion Ratio Lower Upper
264 100
260 26.7 19.4 29.2
265 23.2 16.9 25.3

