

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048800.D
 Acq On : 20 Apr 2021 18:49
 Operator : CG/JU
 Sample : M2026-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-11

Quant Time: Apr 21 04:32:27 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)

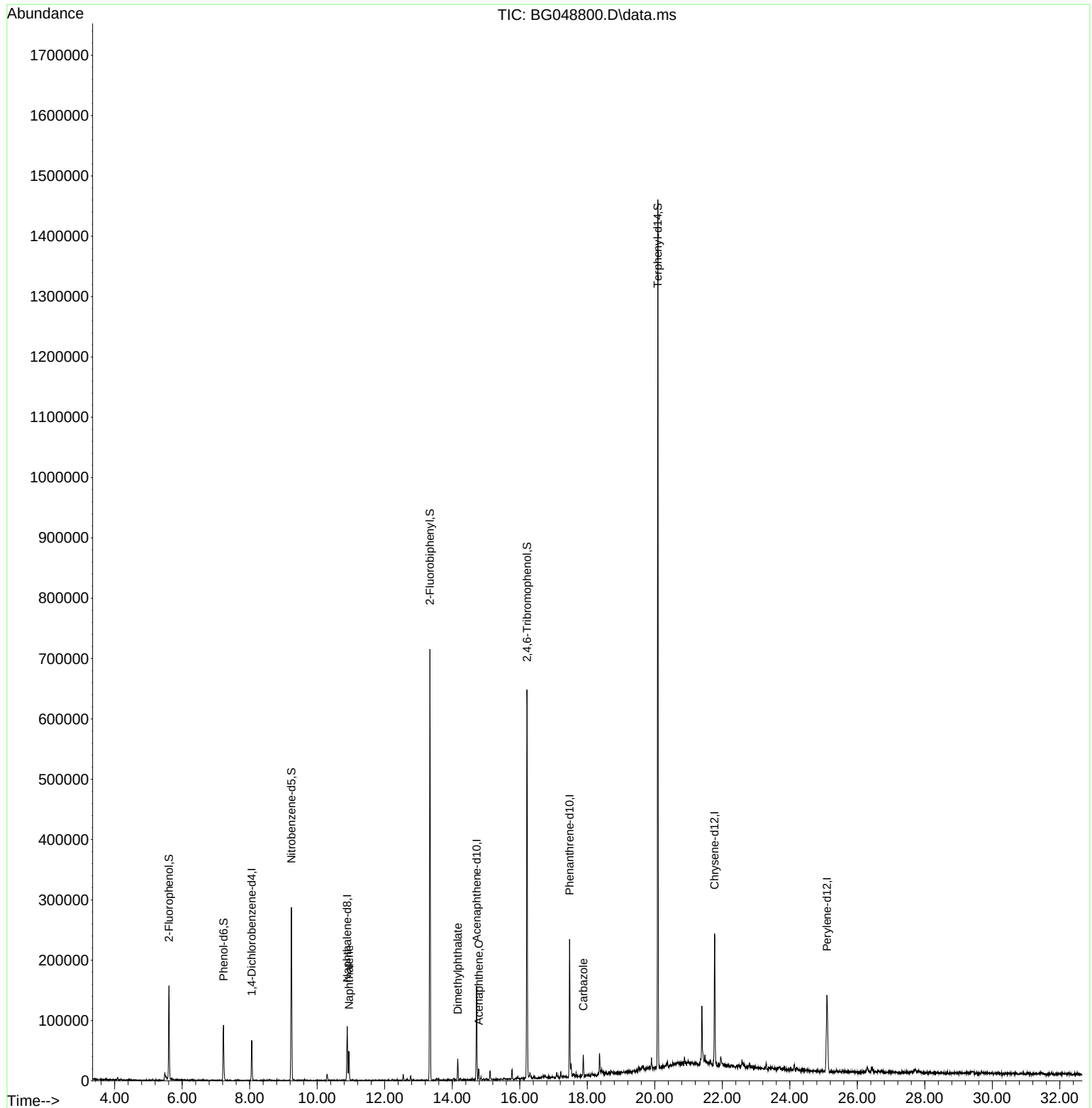
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	16916	20.00	ng	# 0.00
21) Naphthalene-d8	10.890	136	67421	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	52779	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	130597	20.00	ng	# 0.00
76) Chrysene-d12	21.772	240	131957	20.00	ng	0.00
86) Perylene-d12	25.103	264	134567	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	58239	57.58	ng	0.00
7) Phenol-d6	7.224	99	45299	31.66	ng	0.00
23) Nitrobenzene-d5	9.233	82	152264	101.11	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	104272	147.35	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	345795	94.62	ng	0.00
79) Terphenyl-d14	20.091	244	627602	81.86	ng	0.00
Target Compounds						
31) Naphthalene	10.943	128	34012	9.83	ng	Qvalue 100
50) Dimethylphthalate	14.163	163	18883	4.77	ng	96
52) Acenaphthene	14.786	154	7293	2.47	ng	98
73) Carbazole	17.882	167	21007	3.27	ng	# 94

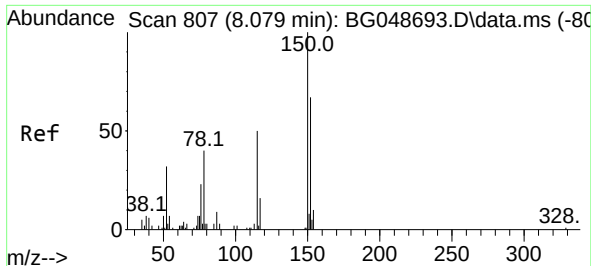
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

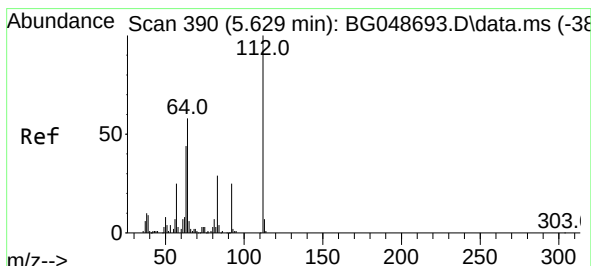
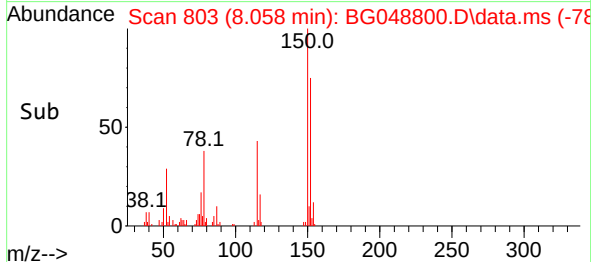
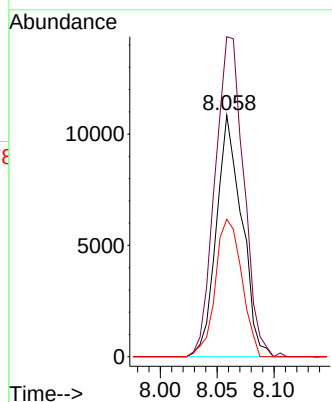
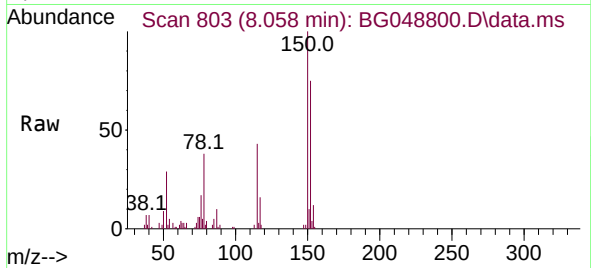




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.058 min Scan# 803
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

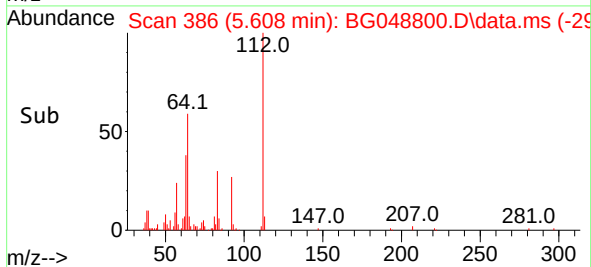
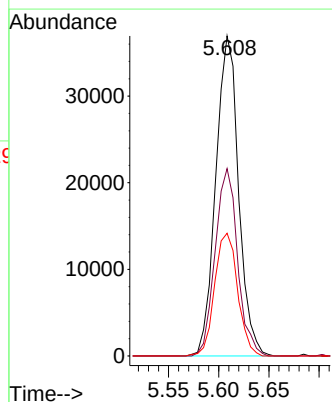
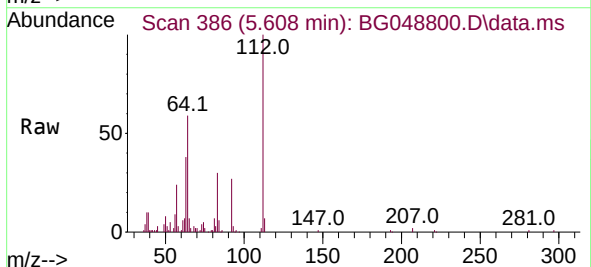
Instrument :
BNA_G
ClientSampleId :
GMW-11

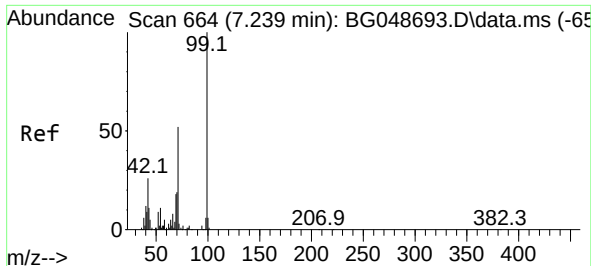
Tgt Ion:152 Resp: 16916
Ion Ratio Lower Upper
152 100
150 132.5 119.4 179.0
115 56.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 57.58 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:112 Resp: 58239
Ion Ratio Lower Upper
112 100
64 58.6 46.7 70.1
63 38.3 35.3 52.9

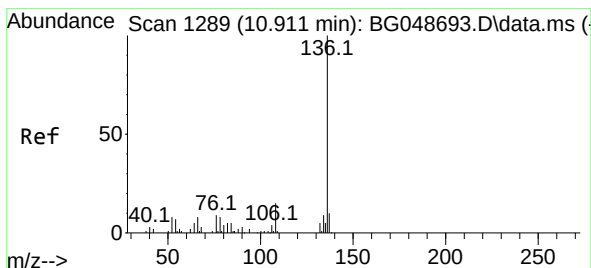
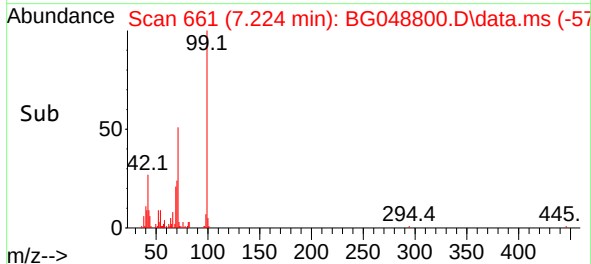
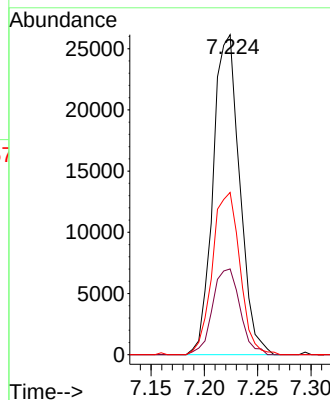
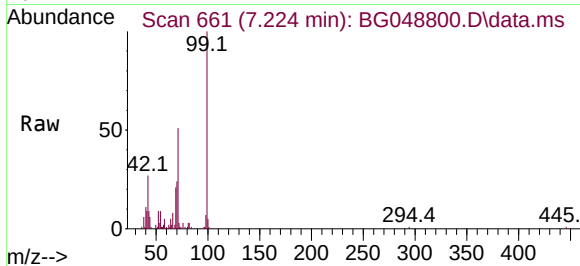




#7
Phenol-d6
Concen: 31.66 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

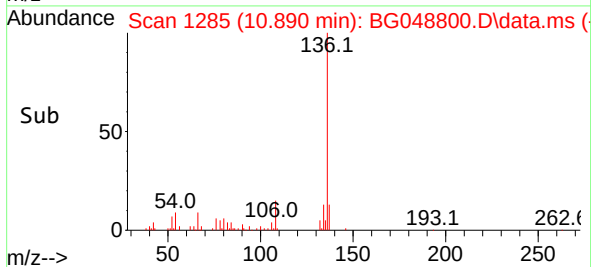
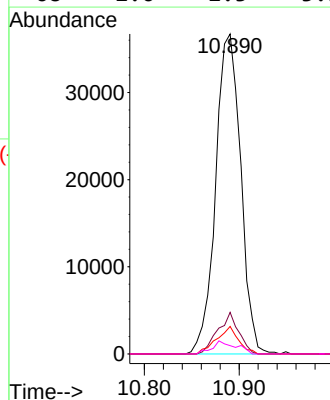
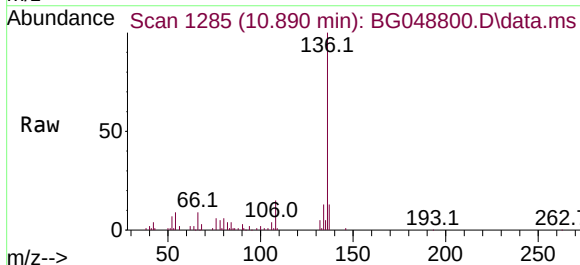
Instrument :
BNA_G
ClientSampled :
GMW-11

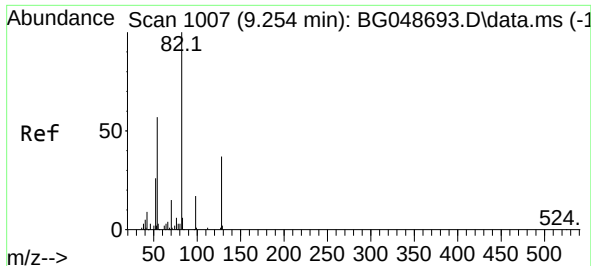
Tgt Ion:	99	Resp:	45299
Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.5	30.7
71	50.7	41.5	62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:	136	Resp:	67421
Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.2	12.2#
54	8.6	5.5	8.3#
68	2.6	2.3	3.5

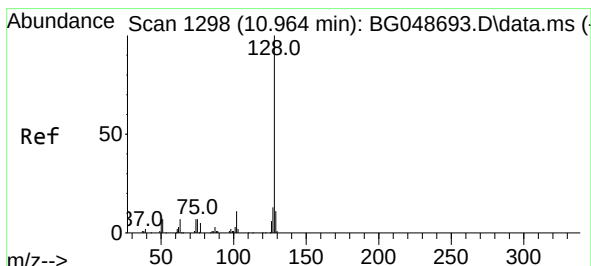
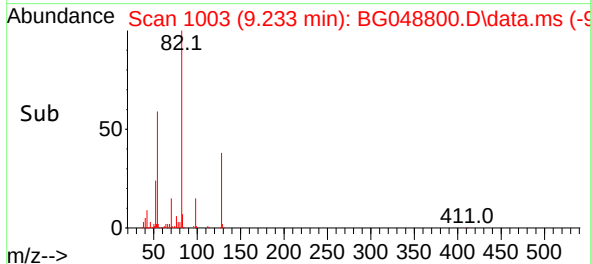
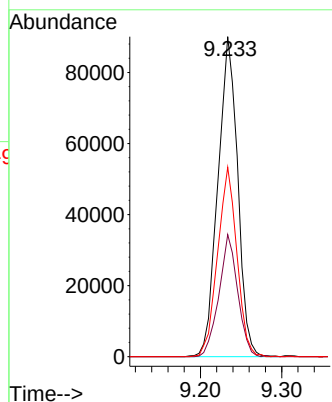
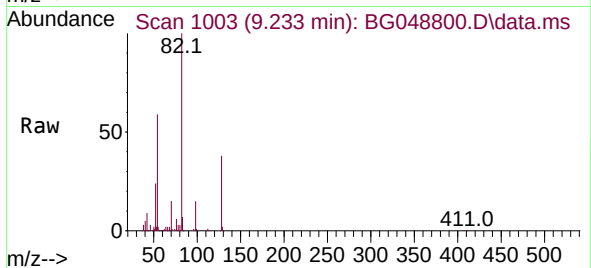




#23
Nitrobenzene-d5
Concen: 101.11 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

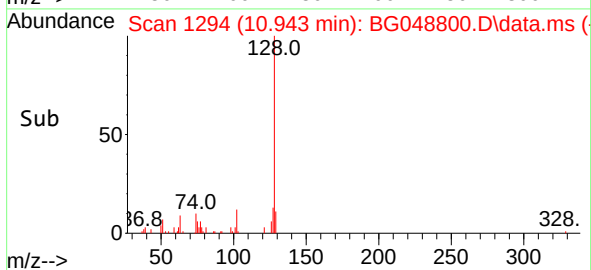
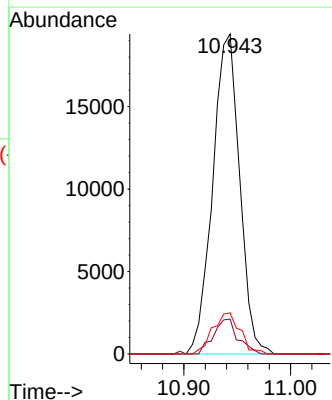
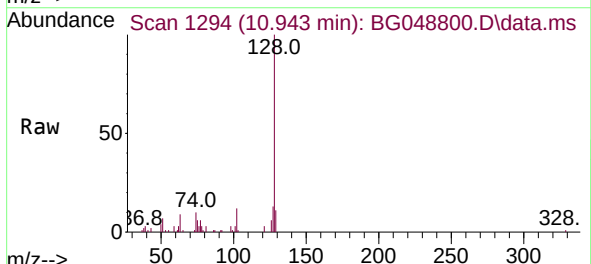
Instrument :
BNA_G
ClientSampleId :
GMW-11

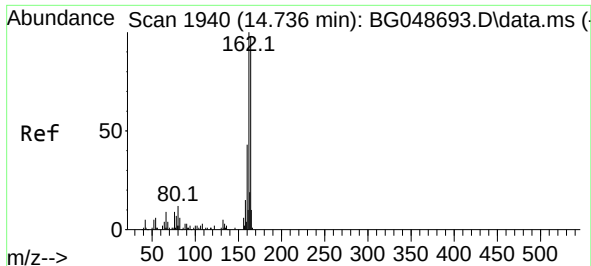
Tgt Ion: 82	Resp: 152264
Ion Ratio	Lower Upper
82 100	
128 38.1	29.8 44.6
54 59.2	45.8 68.8



#31
Naphthalene
Concen: 9.83 ng
RT: 10.943 min Scan# 1294
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion: 128	Resp: 34012
Ion Ratio	Lower Upper
128 100	
129 10.9	8.5 12.7
127 12.8	10.2 15.4

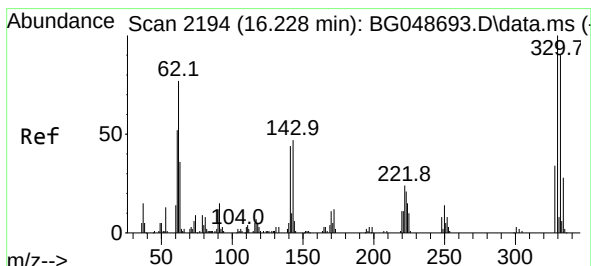
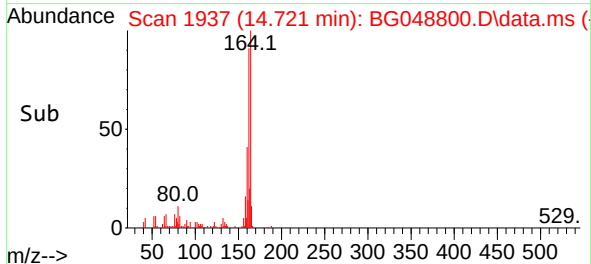
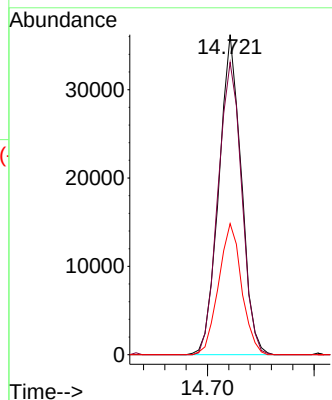
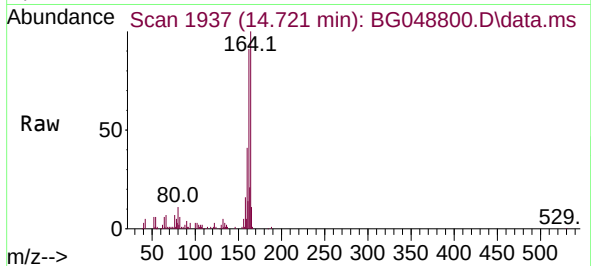




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

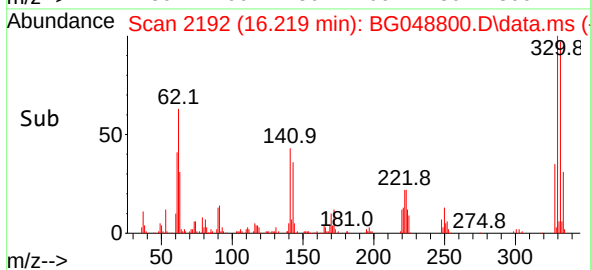
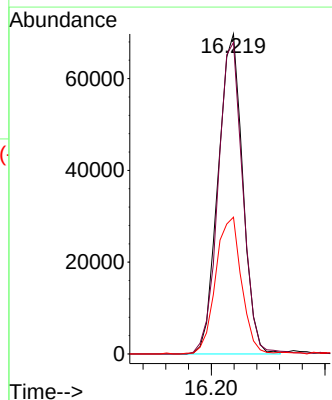
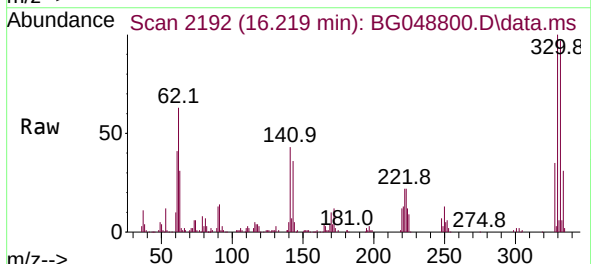
Instrument :
BNA_G
ClientSampleId :
GMW-11

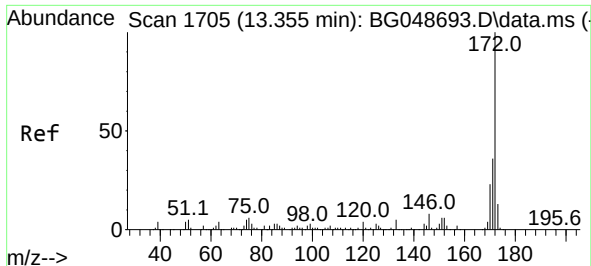
Tgt Ion:164 Resp: 52779
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 41.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 147.35 ng
RT: 16.219 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:330 Resp: 104272
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 45.0 35.6 53.4

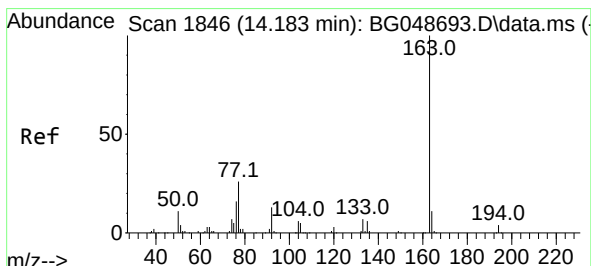
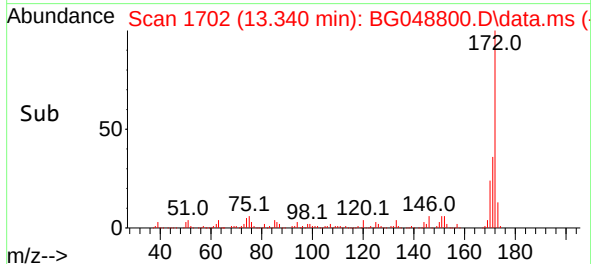
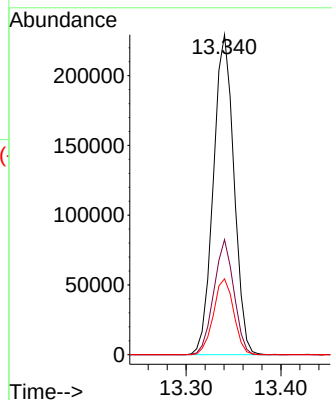
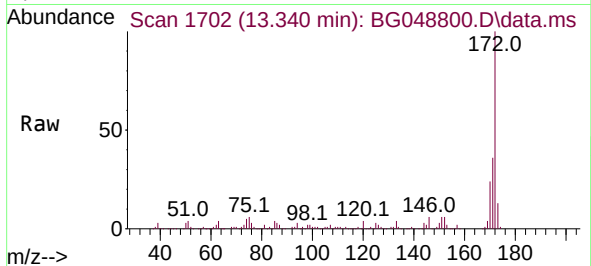




#45
2-Fluorobiphenyl
Concen: 94.62 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

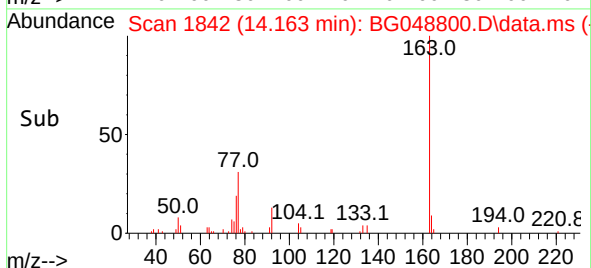
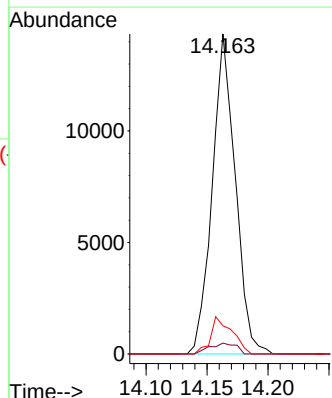
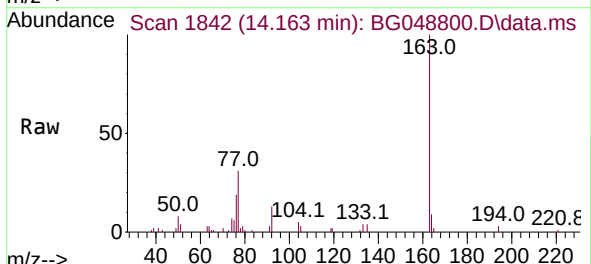
Instrument :
BNA_G
ClientSampled :
GMW-11

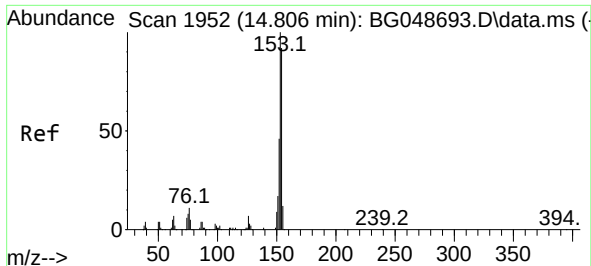
Tgt Ion:	172	Resp:	345795
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	23.7	18.6	27.8



#50
Dimethylphthalate
Concen: 4.77 ng
RT: 14.163 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:	163	Resp:	18883
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	8.8	8.6	12.8

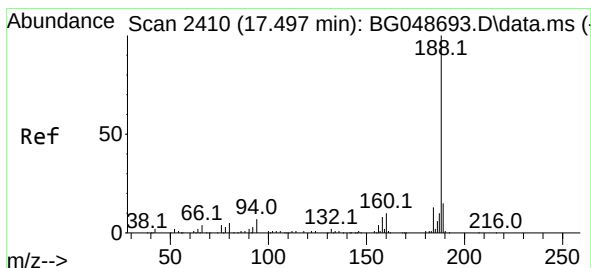
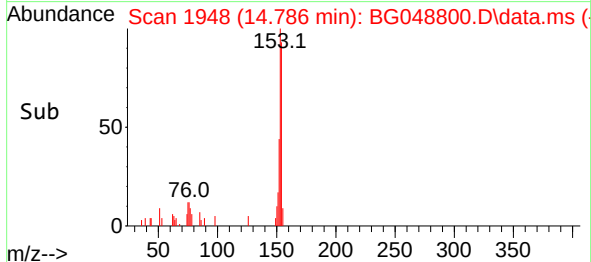
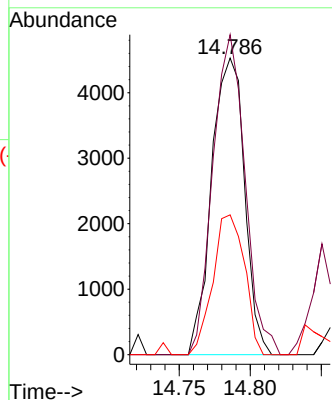
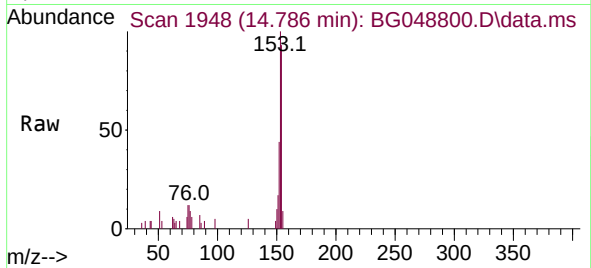




#52
Acenaphthene
Concen: 2.47 ng
RT: 14.786 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

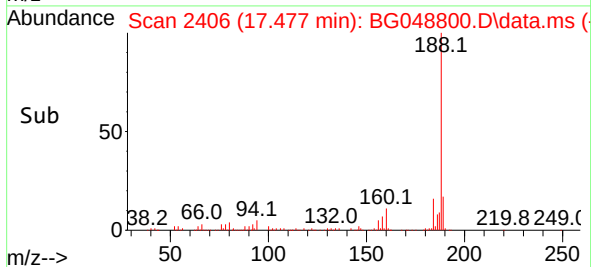
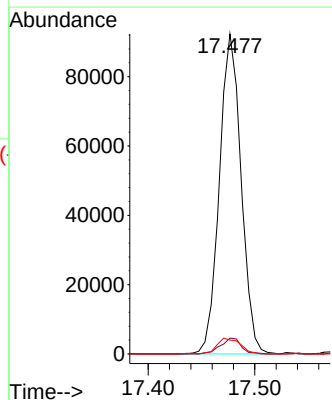
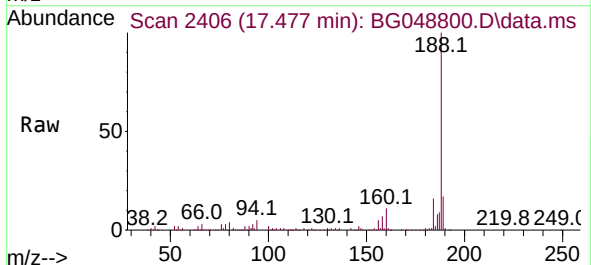
Instrument :
BNA_G
ClientSampled :
GMW-11

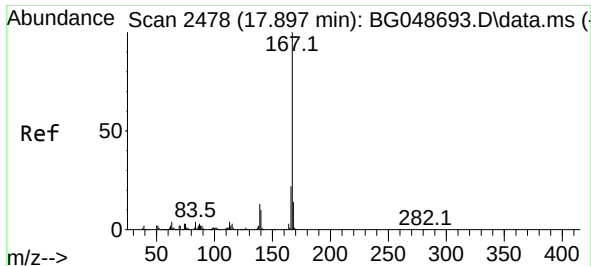
Tgt Ion:154 Resp: 7293
Ion Ratio Lower Upper
154 100
153 107.9 87.0 130.4
152 47.1 40.1 60.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048800.D
Acq: 20 Apr 2021 18:49

Tgt Ion:188 Resp: 130597
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 4.4 3.7 5.5

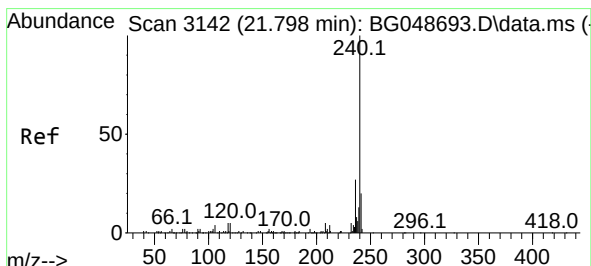
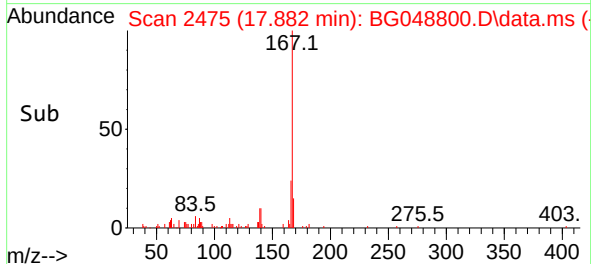
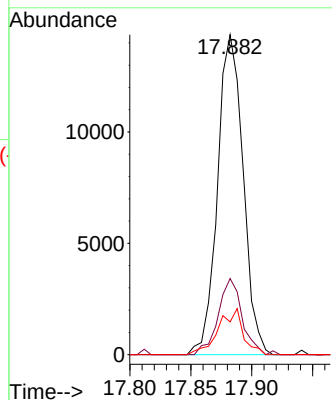
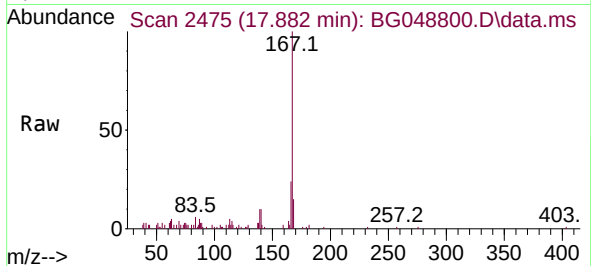




#73
 Carbazole
 Concen: 3.27 ng
 RT: 17.882 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG048800.D
 Acq: 20 Apr 2021 18:49

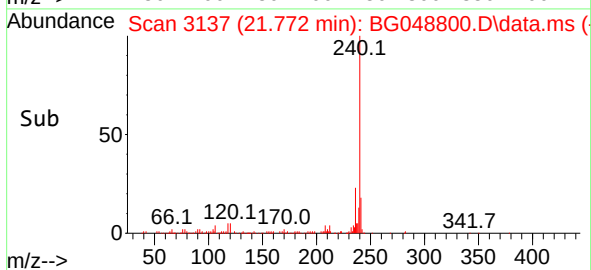
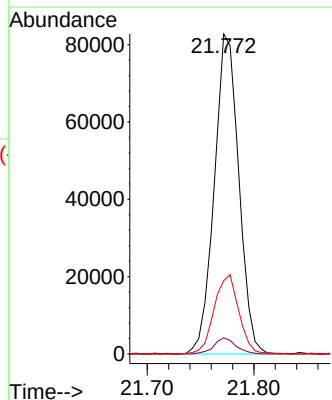
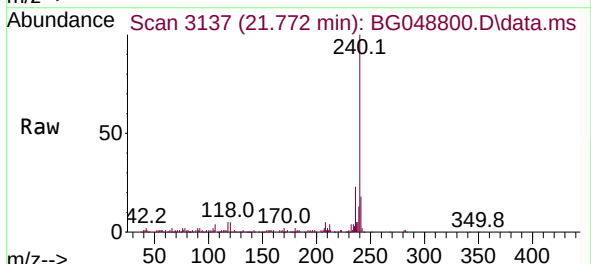
Instrument :
 BNA_G
 ClientSampled :
 GMW-11

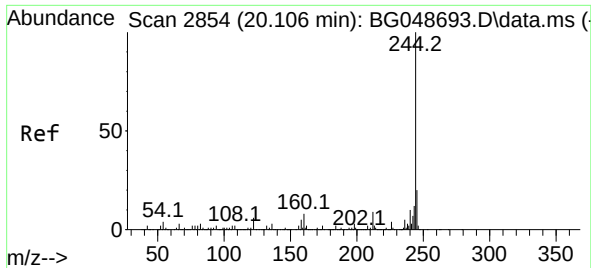
Tgt Ion:167 Resp: 21007
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.4 26.2
 139 10.2 10.7 16.1#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.772 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BG048800.D
 Acq: 20 Apr 2021 18:49

Tgt Ion:240 Resp: 131957
 Ion Ratio Lower Upper
 240 100
 120 5.0 4.2 6.2
 236 22.9 21.8 32.6

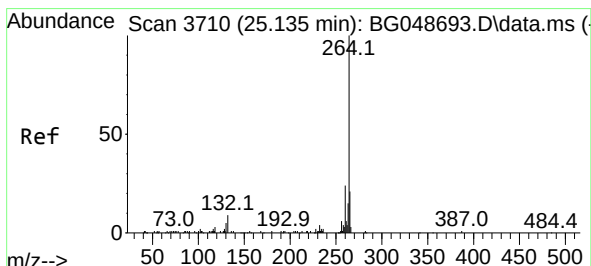
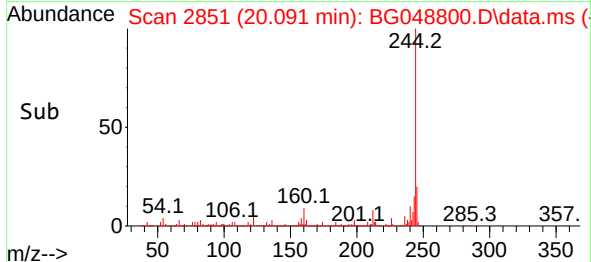
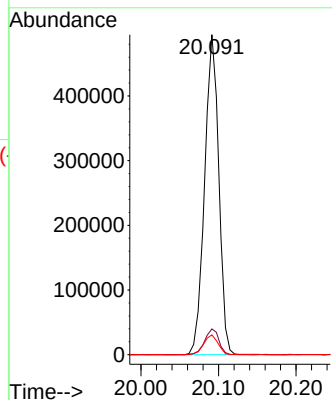
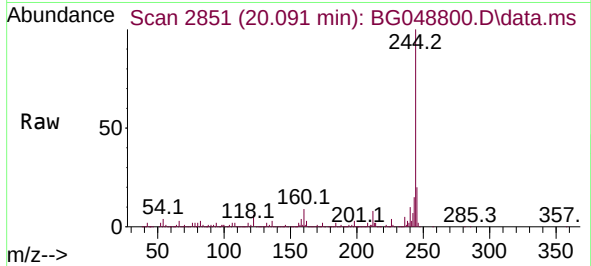




#79
 Terphenyl-d14
 Concen: 81.86 ng
 RT: 20.091 min Scan# 2851
 Delta R.T. -0.003 min
 Lab File: BG048800.D
 Acq: 20 Apr 2021 18:49

Instrument :
 BNA_G
 ClientSampled :
 GMW-11

Tgt Ion:244 Resp: 627602
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3704
 Delta R.T. -0.009 min
 Lab File: BG048800.D
 Acq: 20 Apr 2021 18:49

Tgt Ion:264 Resp: 134567
 Ion Ratio Lower Upper
 264 100
 260 19.4 19.4 29.2#
 265 18.6 16.9 25.3

