

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048803.D
 Acq On : 20 Apr 2021 20:52
 Operator : CG/JU
 Sample : M2075-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-D

Quant Time: Apr 21 04:33:05 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)

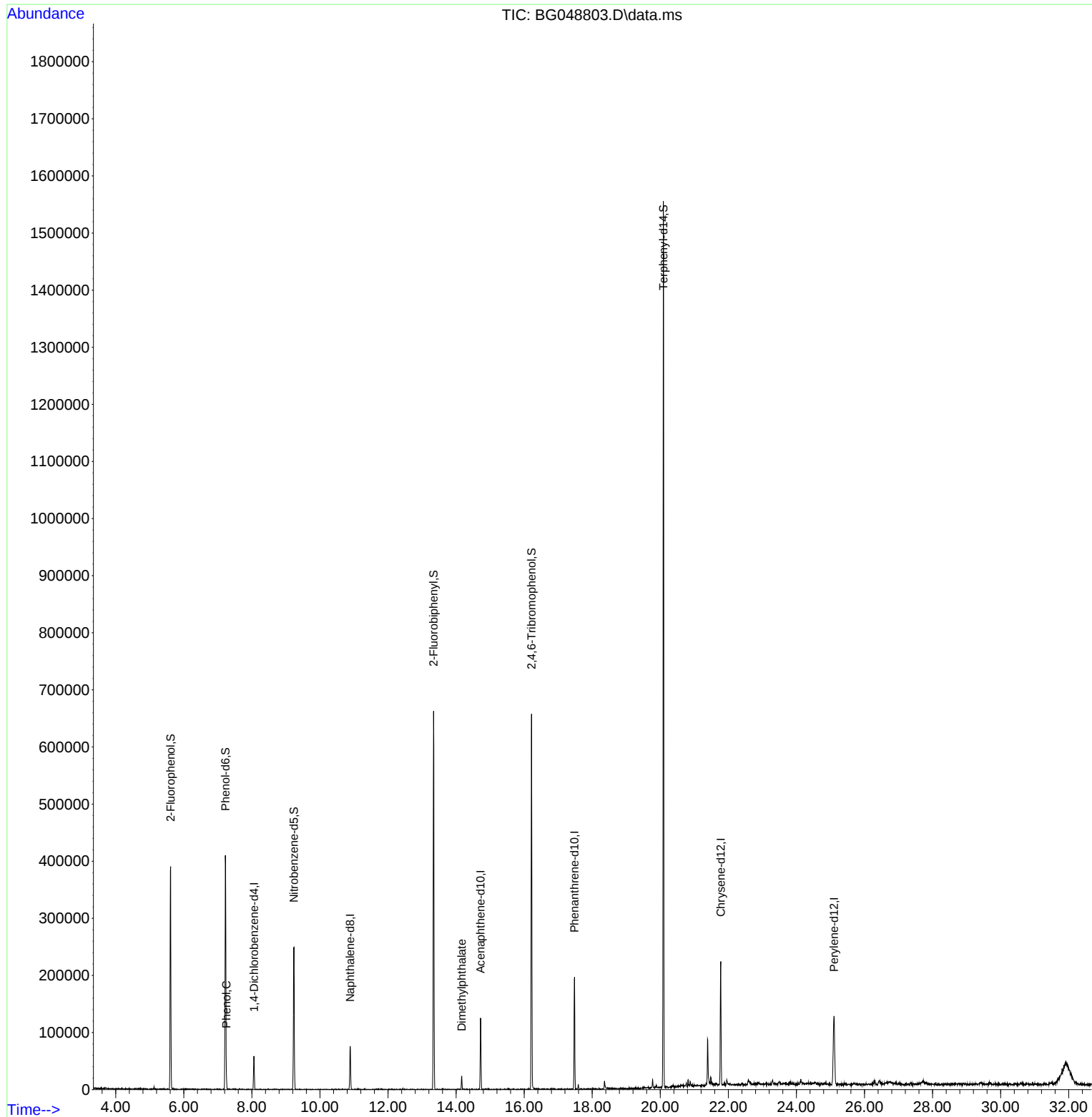
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	13688	20.00	ng	# 0.00
21) Naphthalene-d8	10.889	136	61627	20.00	ng	# 0.00
39) Acenaphthene-d10	14.720	164	44787	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	123592	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	129971	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	130399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	152847	186.76	ng	0.00
7) Phenol-d6	7.223	99	196143	169.44	ng	0.00
23) Nitrobenzene-d5	9.238	82	142698	103.67	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	104832	174.57	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	318614	102.73	ng	0.00
79) Terphenyl-d14	20.090	244	694008	91.90	ng	0.00
Target Compounds						
10) Phenol	7.252	94	4499	3.95	ng	Qvalue 89
50) Dimethylphthalate	14.167	163	12896	3.84	ng	# 96

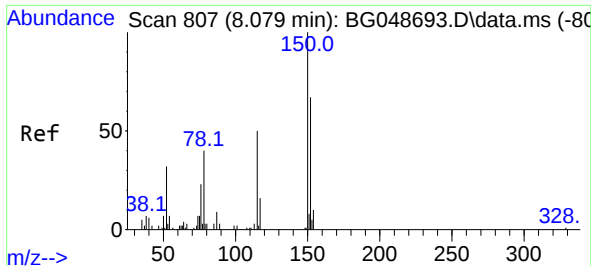
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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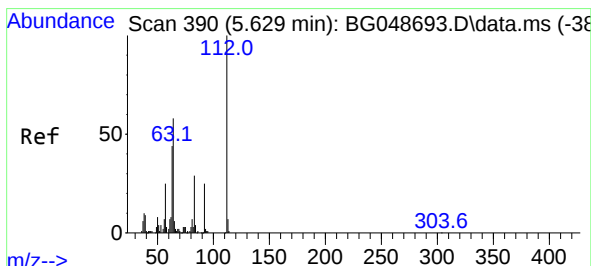
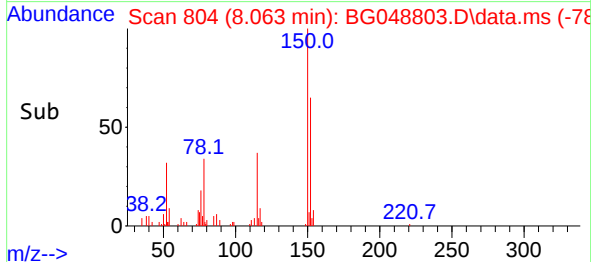
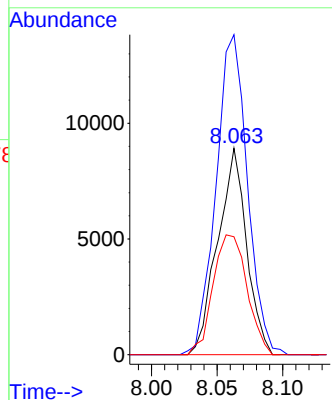
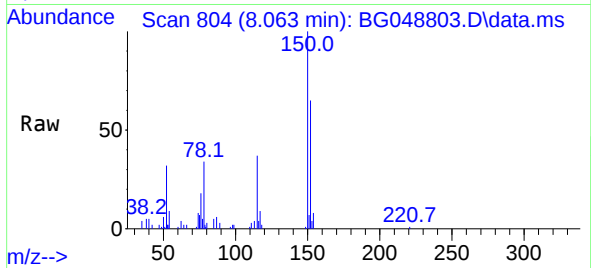




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.063 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

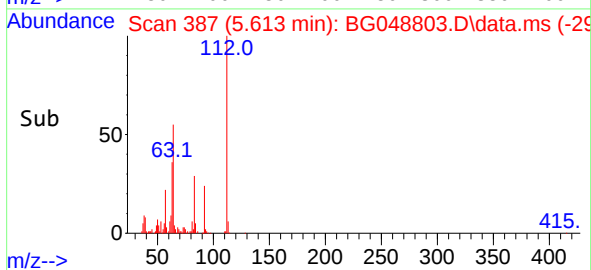
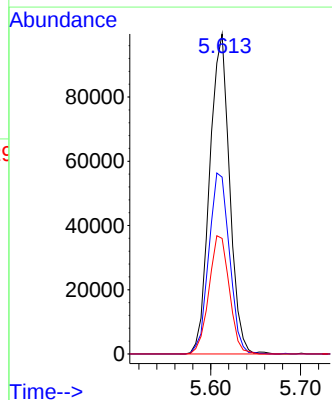
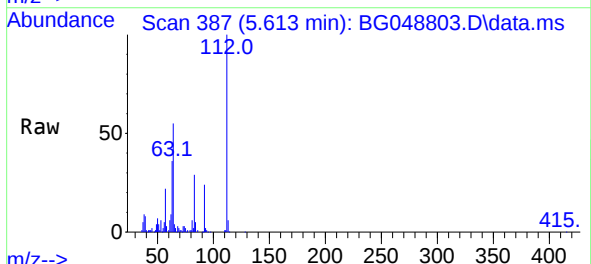
Instrument :
BNA_G
ClientSampled :
TP-4-D

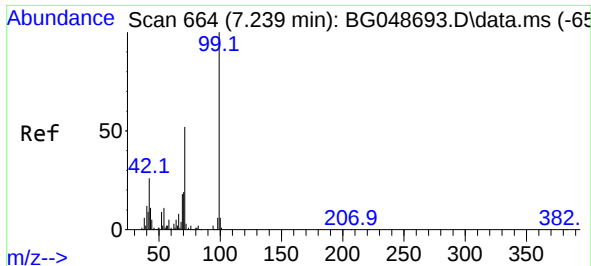
Tgt Ion:152 Resp: 13688
Ion Ratio Lower Upper
152 100
150 155.0 119.4 179.0
115 57.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 186.76 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:112 Resp: 152847
Ion Ratio Lower Upper
112 100
64 55.2 46.7 70.1
63 36.1 35.3 52.9

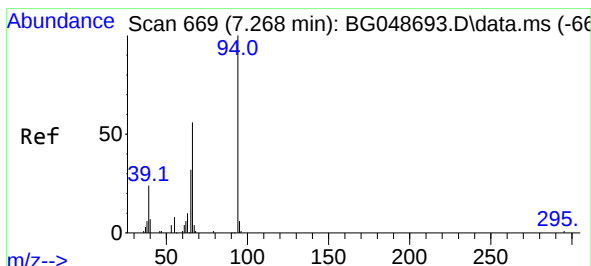
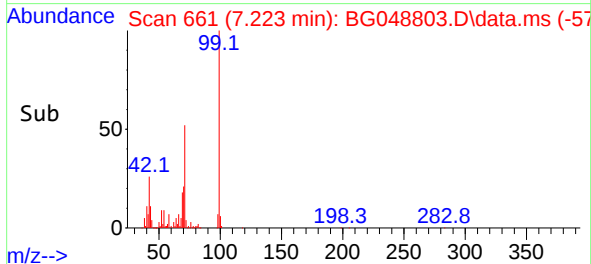
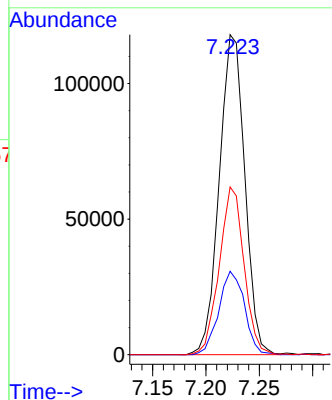
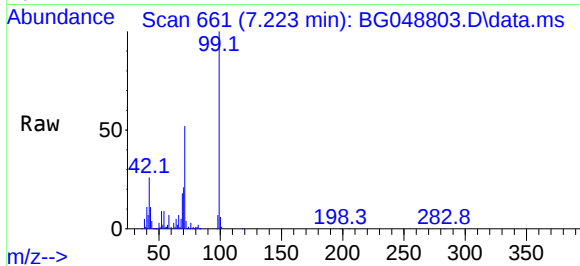




#7
Phenol-d6
Concen: 169.44 ng
RT: 7.223 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

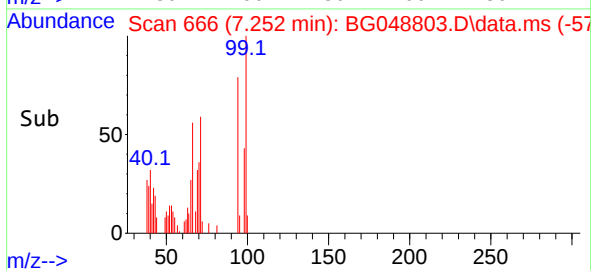
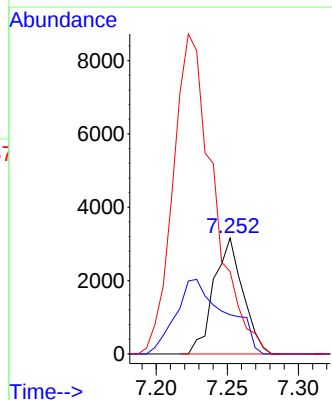
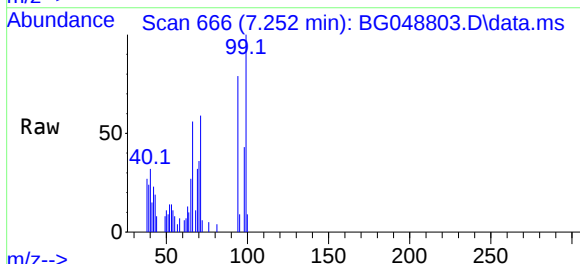
Instrument :
BNA_G
ClientSampled :
TP-4-D

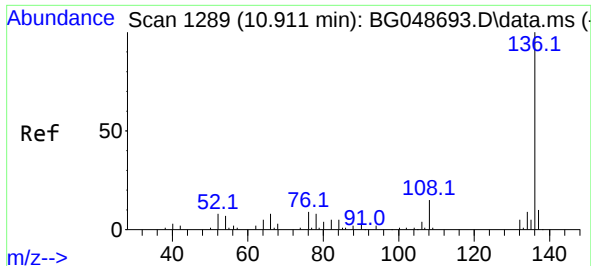
Tgt Ion: 99 Resp: 196143
Ion Ratio Lower Upper
99 100
42 26.1 20.5 30.7
71 52.4 41.5 62.3



#10
Phenol
Concen: 3.95 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion: 94 Resp: 4499
Ion Ratio Lower Upper
94 100
65 33.8 12.9 52.9
66 71.0 39.4 79.4

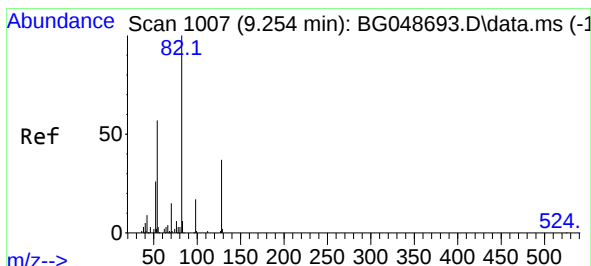
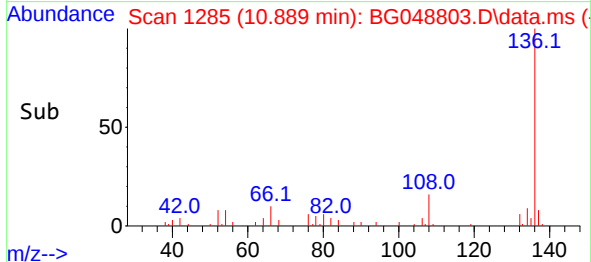
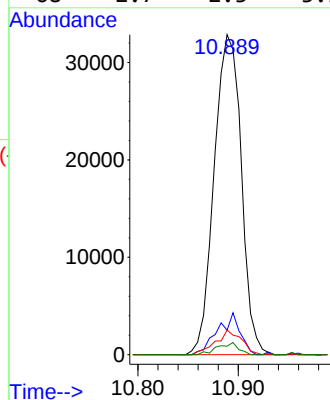
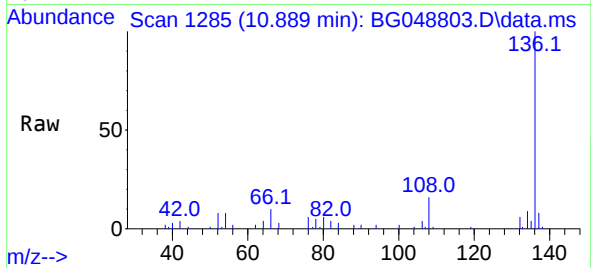




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

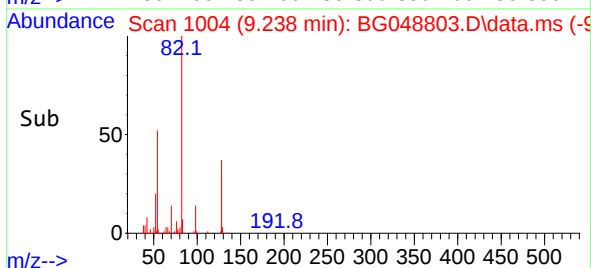
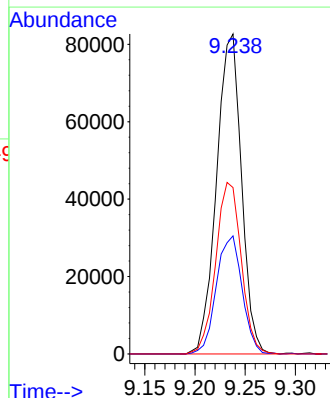
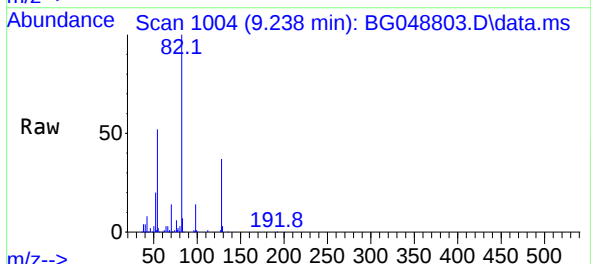
Instrument :
BNA_G
ClientSampled :
TP-4-D

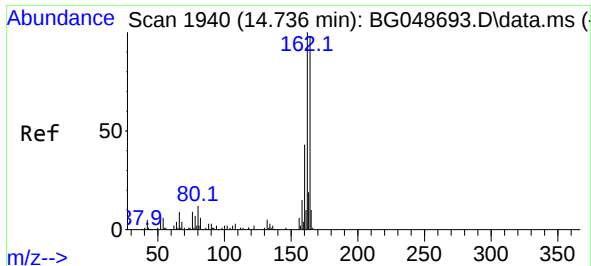
Tgt Ion:	136	Resp:	61627
Ion	Ratio	Lower	Upper
136	100		
137	7.7	8.2	12.2#
54	7.7	5.5	8.3
68	2.7	2.3	3.5



#23
Nitrobenzene-d5
Concen: 103.67 ng
RT: 9.238 min Scan# 1004
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:	82	Resp:	142698
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.8	44.6
54	52.0	45.8	68.8

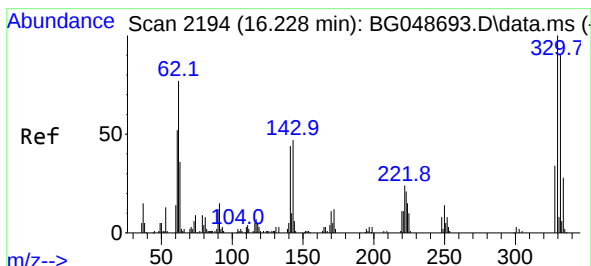
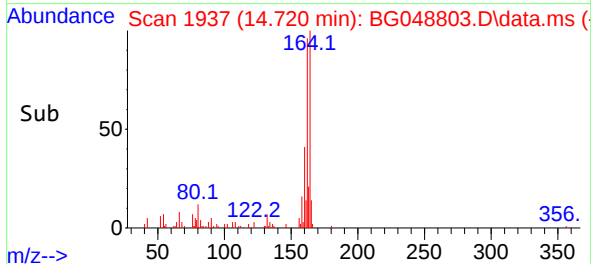
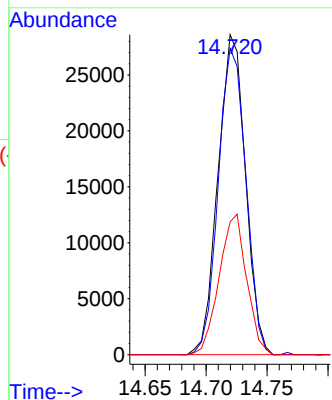
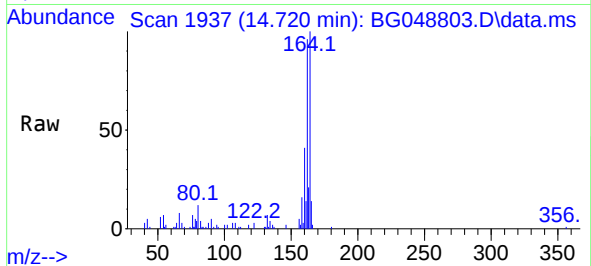




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.720 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

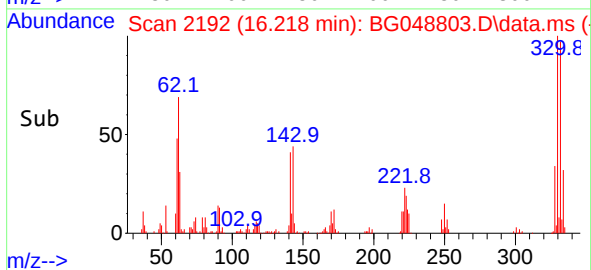
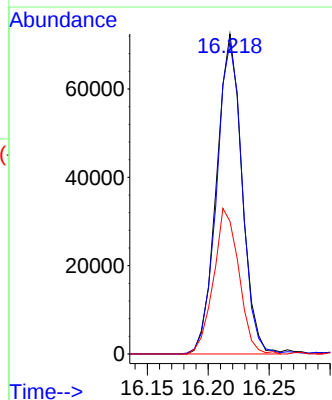
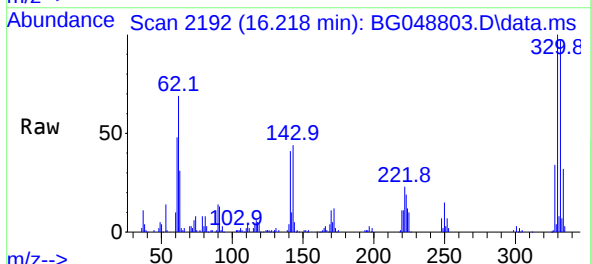
Instrument :
BNA_G
ClientSampled :
TP-4-D

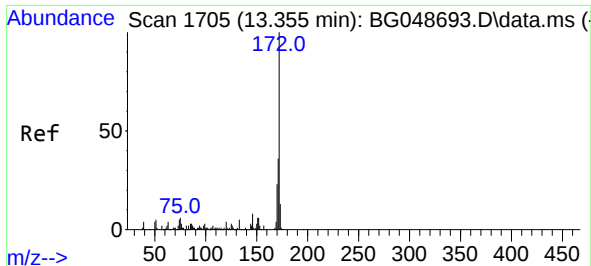
Tgt Ion:164 Resp: 44787
Ion Ratio Lower Upper
164 100
162 95.7 81.4 122.0
160 41.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 174.57 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:330 Resp: 104832
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 45.3 35.6 53.4

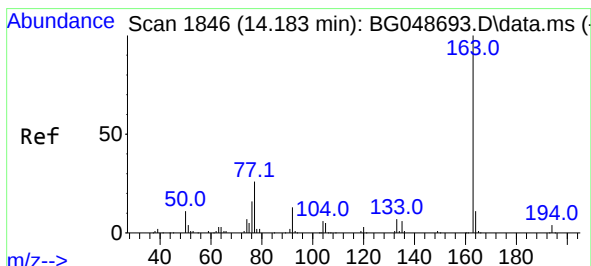
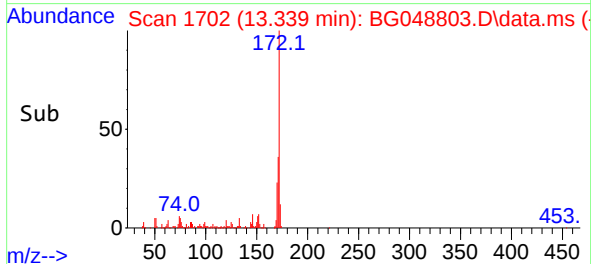
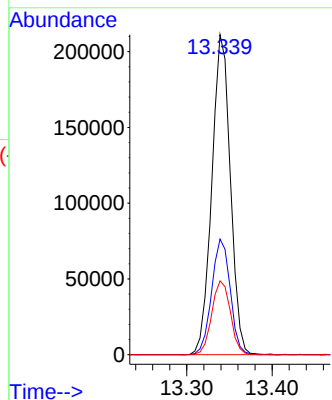
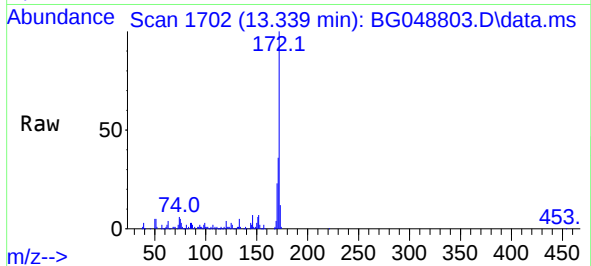




#45
2-Fluorobiphenyl
Concen: 102.73 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

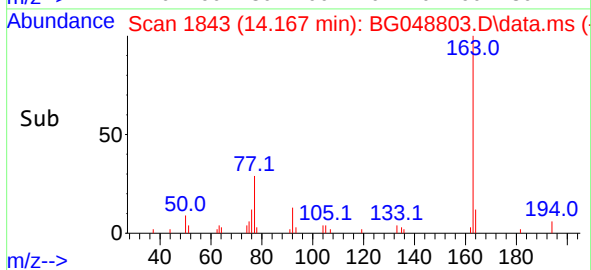
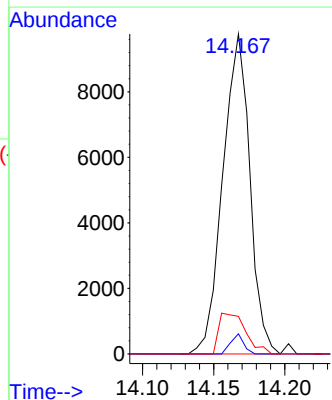
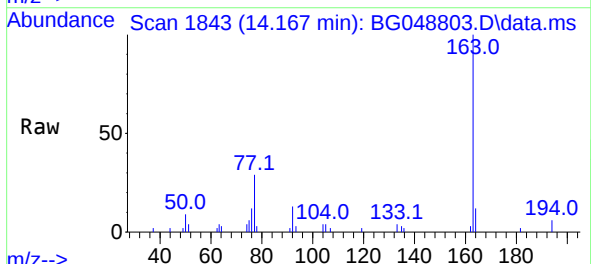
Instrument :
BNA_G
ClientSampled :
TP-4-D

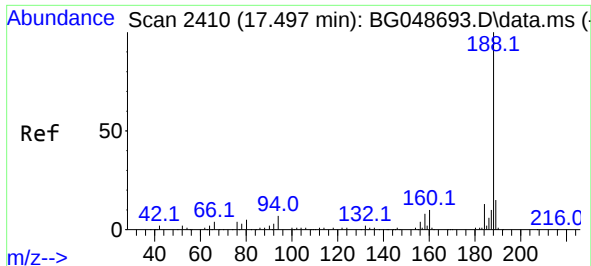
Tgt Ion:172 Resp: 318614
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 3.84 ng
RT: 14.167 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:163 Resp: 12896
Ion Ratio Lower Upper
163 100
194 6.3 3.0 4.6#
164 11.7 8.6 12.8

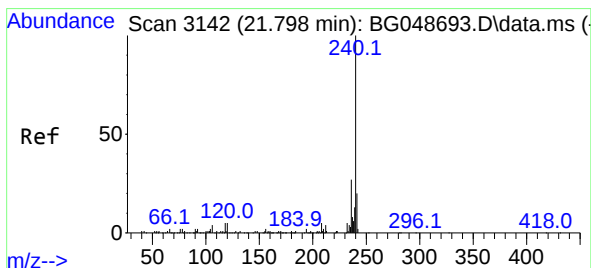
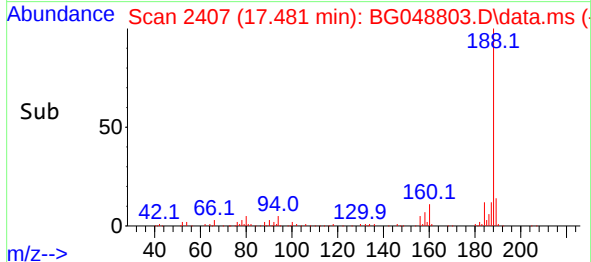
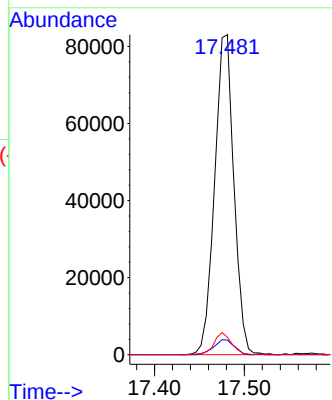
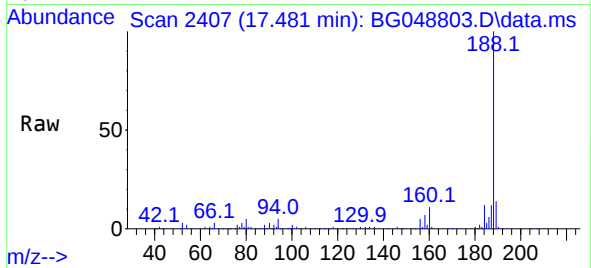




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

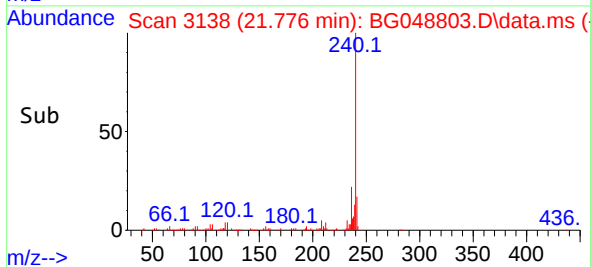
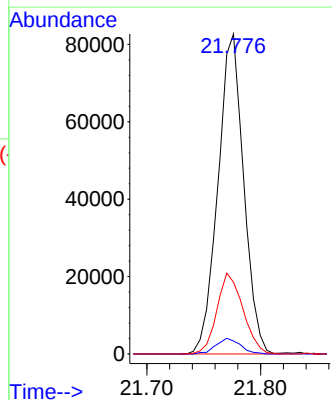
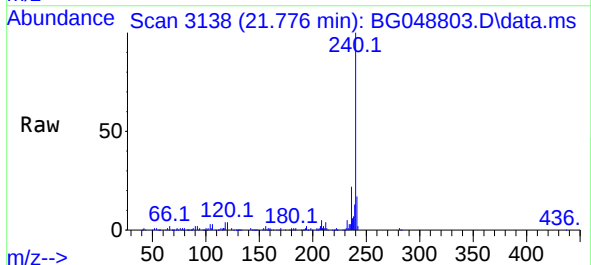
Instrument :
BNA_G
ClientSampled :
TP-4-D

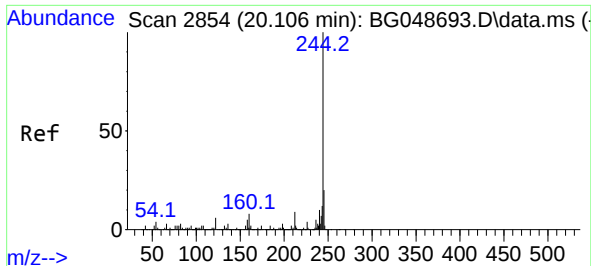
Tgt Ion:188 Resp: 123592
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:240 Resp: 129971
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 22.5 21.8 32.6

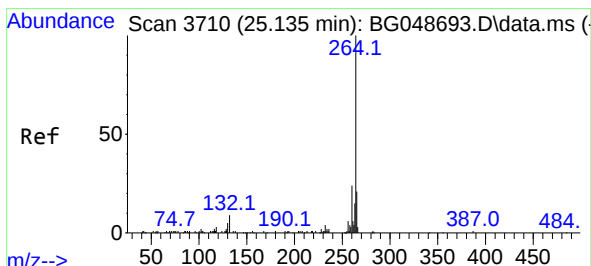
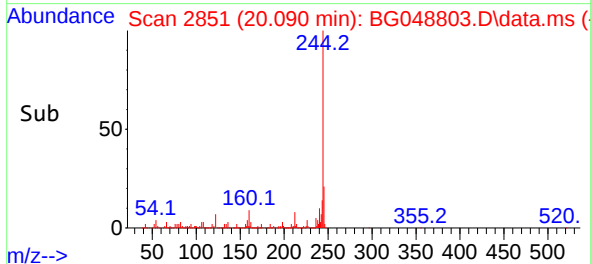
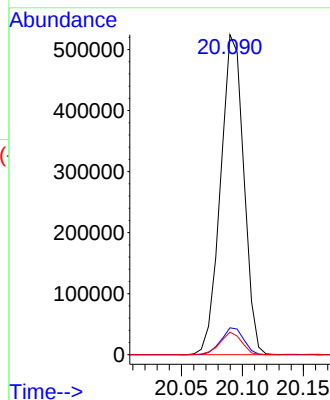
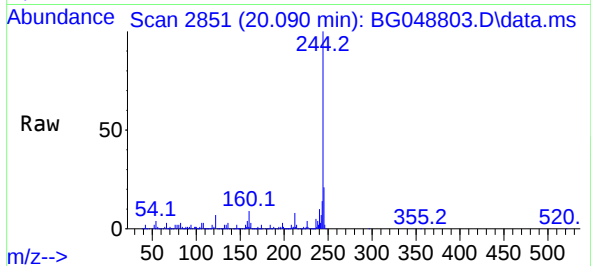




#79
Terphenyl-d14
Concen: 91.90 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Instrument :
BNA_G
ClientSampled :
TP-4-D

Tgt Ion:244	Resp: 694008
Ion Ratio	Lower Upper
244 100	
212 8.4	6.9 10.3
122 7.1	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.102 min Scan# 3704
Delta R.T. -0.010 min
Lab File: BG048803.D
Acq: 20 Apr 2021 20:52

Tgt Ion:264	Resp: 130399
Ion Ratio	Lower Upper
264 100	
260 24.6	19.4 29.2
265 22.3	16.9 25.3

