

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048791.D
 Acq On : 20 Apr 2021 9:47
 Operator : CG/JU
 Sample : M2074-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 12:26:58 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)

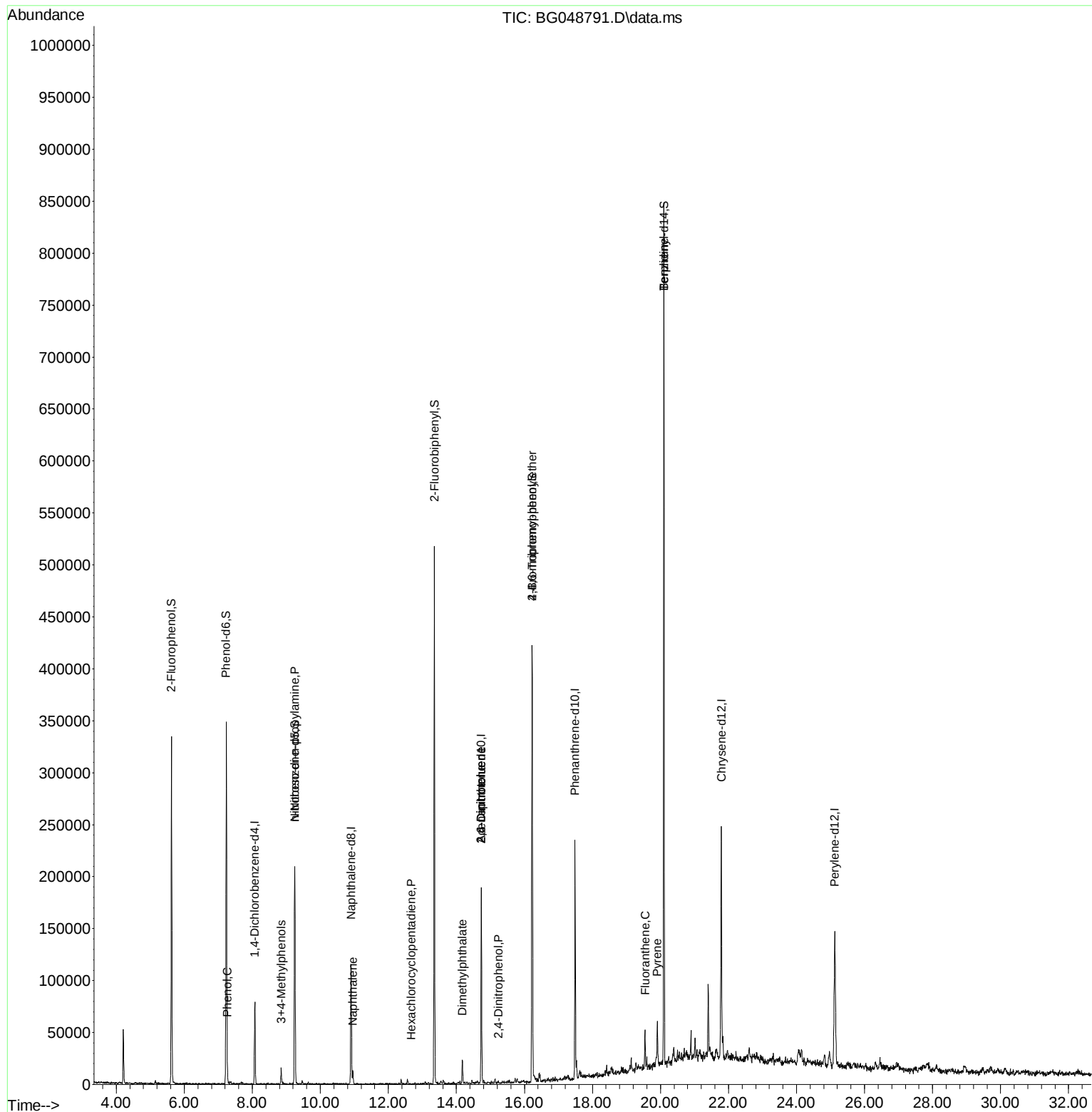
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	20019	20.00	ng	# 0.00
21) Naphthalene-d8	10.901	136	88712	20.00	ng	#-0.01
39) Acenaphthene-d10	14.732	164	64774	20.00	ng	-0.01
64) Phenanthrene-d10	17.487	188	142295	20.00	ng	#-0.01
76) Chrysene-d12	21.788	240	130504	20.00	ng	-0.01
86) Perylene-d12	25.125	264	132578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	122908	102.68	ng	0.00
7) Phenol-d6	7.235	99	166628	98.42	ng	0.00
23) Nitrobenzene-d5	9.250	82	119885	60.50	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	70502	81.18	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	244806	54.58	ng	0.00
79) Terphenyl-d14	20.102	244	354145	46.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.264	94	3791	2.28	ng	79
19) n-Nitroso-di-n-propyla...	9.250	70	20129	17.62	ng	# 68
20) 3+4-Methylphenols	8.850	107	5143	3.51	ng	# 75
31) Naphthalene	10.954	128	9203	2.02	ng	# 90
41) Hexachlorocyclopentadiene	12.669	237	67	5.91	ng	# 31
50) Dimethylphthalate	14.179	163	13257	2.73	ng	# 87
51) 2,6-Dinitrotoluene	14.732	165	8235	7.35	ng	# 14
54) 2,4-Dinitrophenol	15.237	184	56	5.36	ng	# 8
57) 2,4-Dinitrotoluene	14.732	165	8235	5.06	ng	# 19
67) 4-Bromophenyl-phenylether	16.224	248	5365	3.28	ng	# 1
75) Fluoranthene	19.550	202	20192	2.16	ng	92
77) Benzidine	20.102	184	7878	2.22	ng	# 93
78) Pyrene	19.908	202	20676	2.29	ng	# 91

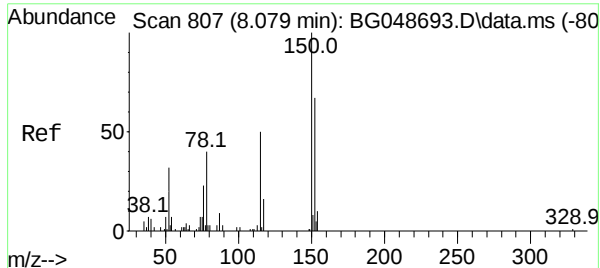
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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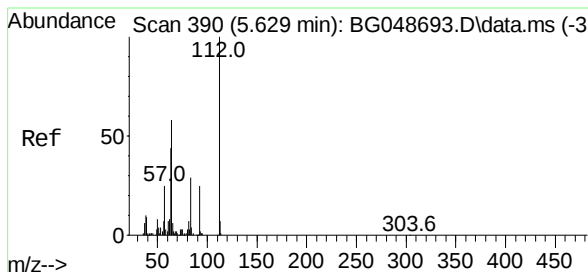
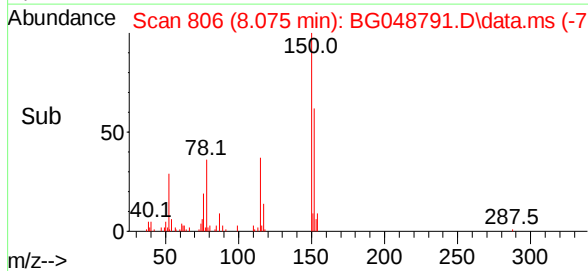
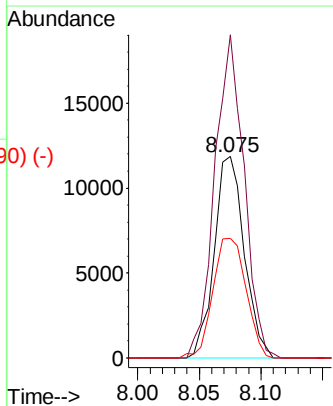
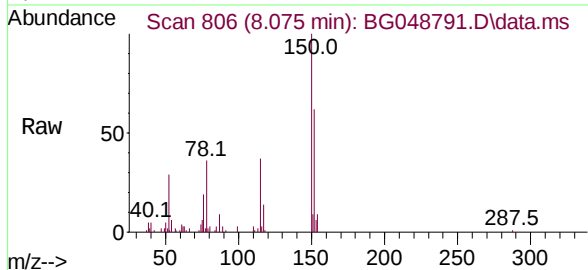




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.075 min Scan# 806
 Delta R.T. -0.005 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

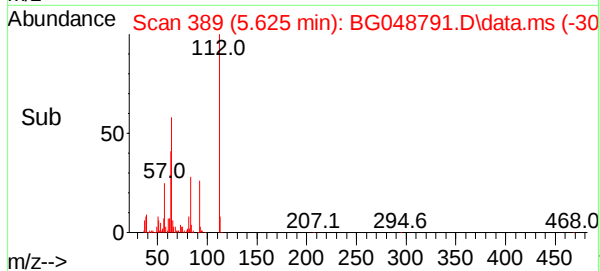
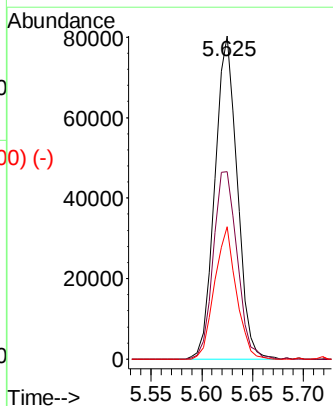
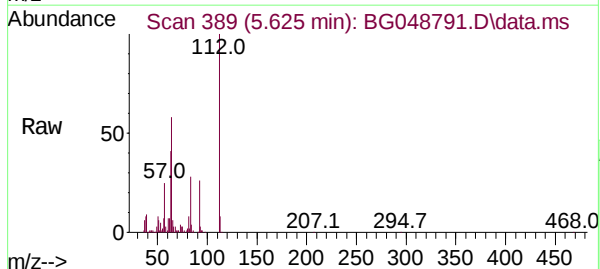
Instrument :
 BNA_G
 ClientSampleId :

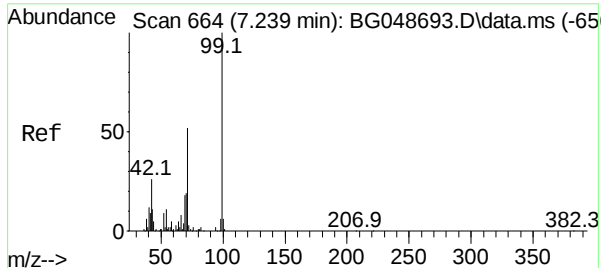
Tgt Ion:152 Resp: 20019
 Ion Ratio Lower Upper
 152 100
 150 160.4 119.4 179.0
 115 59.3 60.2 90.4#



2-Fluorophenol
 Concen: 102.68 ng
 RT: 5.625 min Scan# 389
 Delta R.T. -0.005 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

Tgt Ion:112 Resp: 122908
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.7 70.1
 63 41.0 35.3 52.9

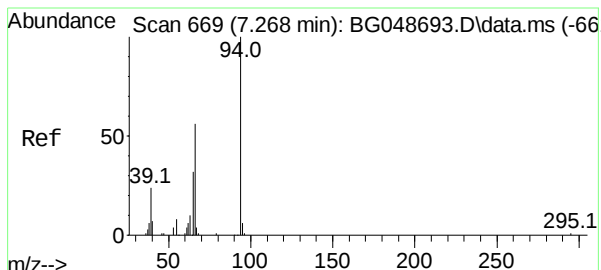
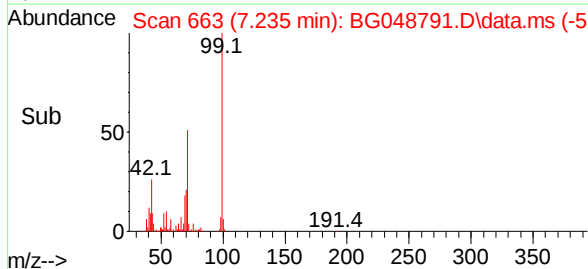
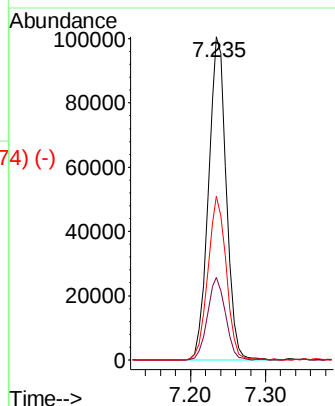
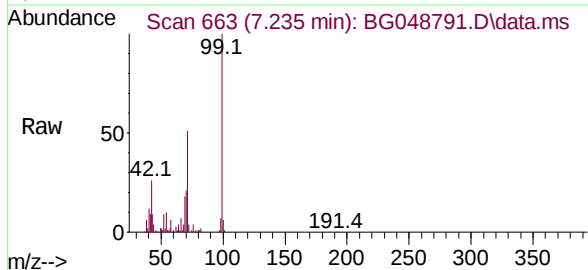




Phenol-d6
 Concen: 98.42 ng
 RT: 7.235 min Scan# 663
 Delta R.T. -0.005 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

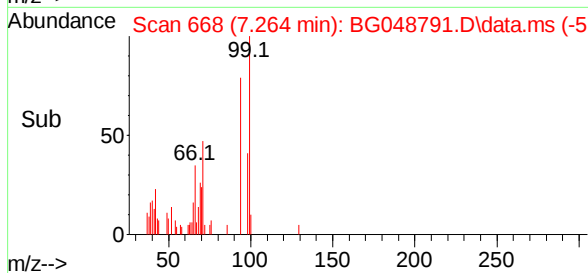
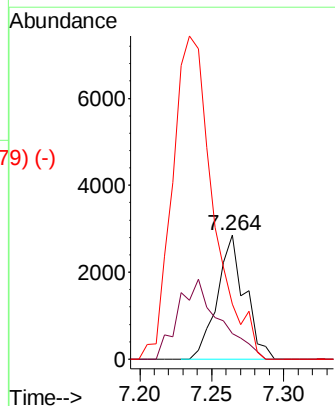
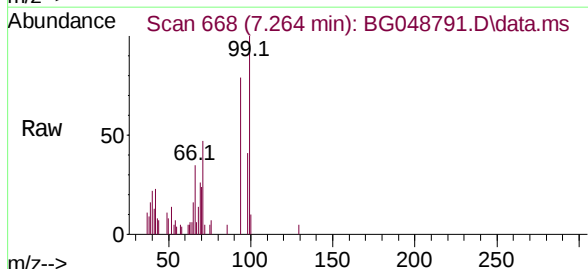
Instrument :
 BNA_G
 ClientSampleId :

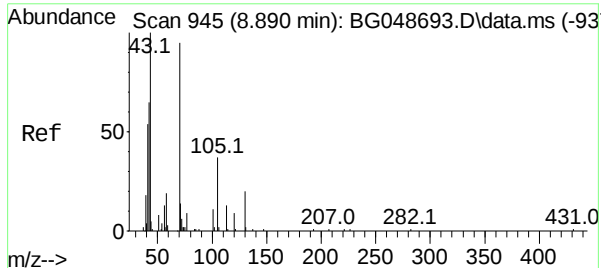
Tgt Ion:	99	Resp:	166628
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.5	30.7
71	50.6	41.5	62.3



Phenol
 Concen: 2.28 ng
 RT: 7.264 min Scan# 668
 Delta R.T. -0.005 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

Tgt Ion:	94	Resp:	3791
Ion	Ratio	Lower	Upper
94	100		
65	20.6	12.9	52.9
66	44.4	39.4	79.4

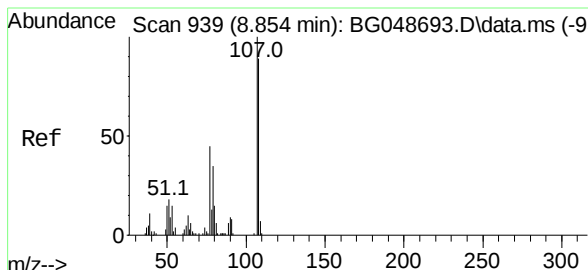
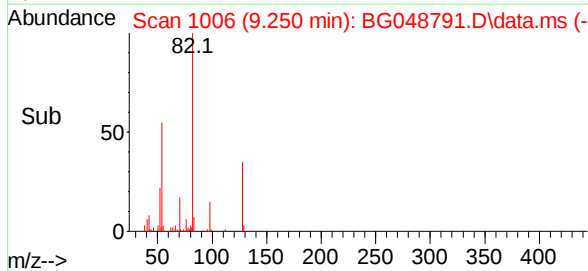
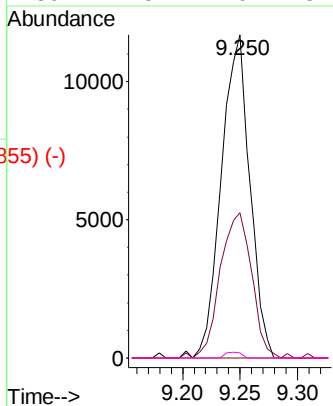
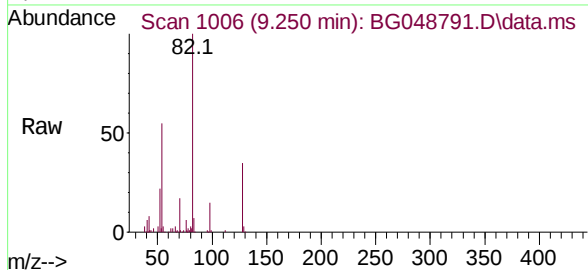




n-Nitroso-di-n-propylamine
 Concen: 17.62 ng
 RT: 9.250 min Scan# 1006
 Delta R.T. 0.359 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

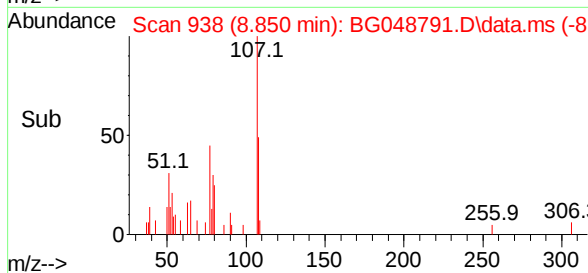
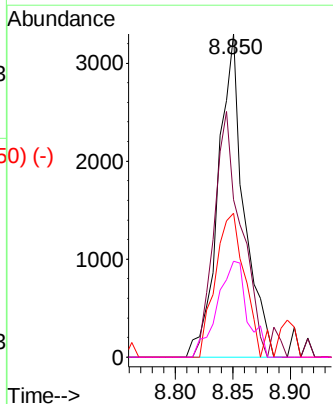
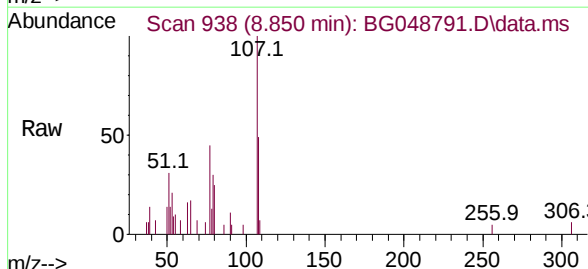
Instrument :
 BNA_G
 ClientSampled :

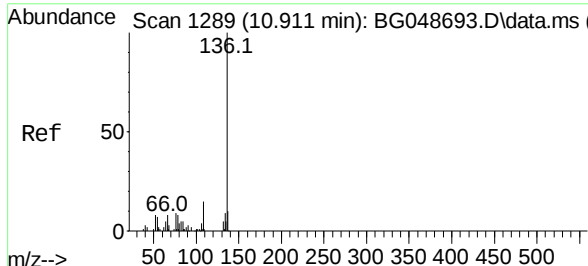
Tgt Ion:	70	Resp:	20129
Ion	Ratio	Lower	Upper
70	100		
42	44.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



3+4-Methylphenols
 Concen: 3.51 ng
 RT: 8.850 min Scan# 938
 Delta R.T. -0.011 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

Tgt Ion:	107	Resp:	5143
Ion	Ratio	Lower	Upper
107	100		
108	48.8	69.3	109.3#
77	44.6	25.2	65.2
79	29.7	15.1	55.1

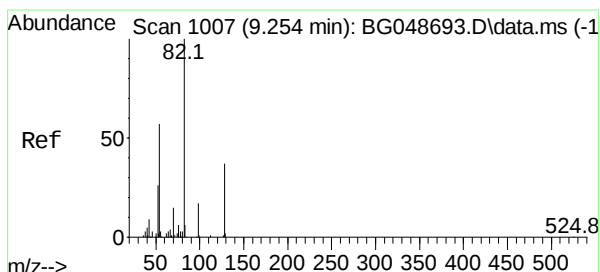
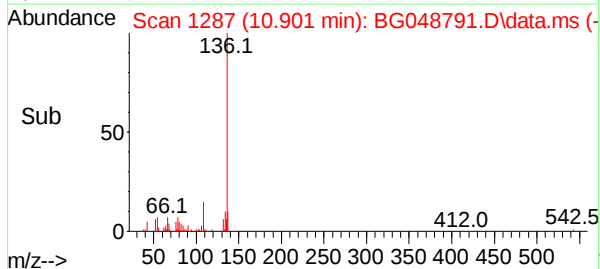
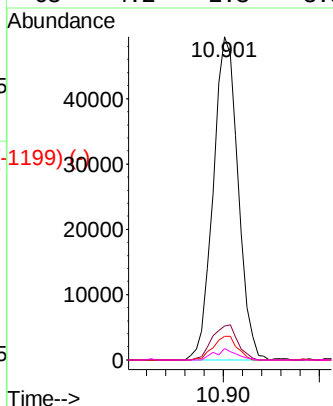
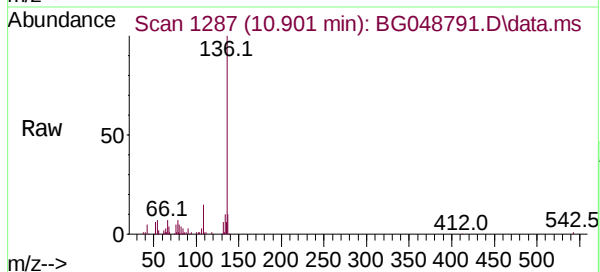




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.901 min Scan# 1287
 Delta R.T. -0.011 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

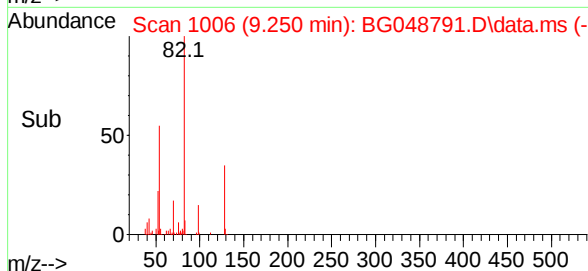
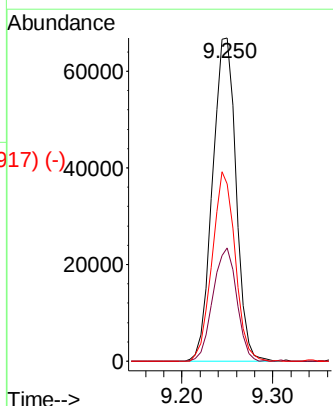
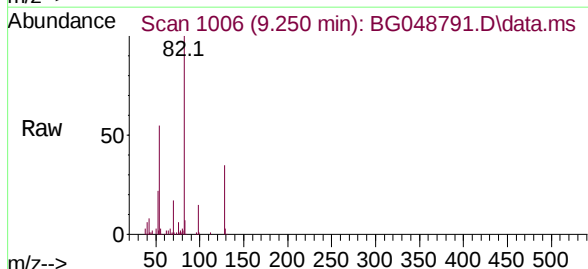
Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	136	Resp:	88712
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.2	5.5	8.3
68	4.2	2.3	3.5#



Nitrobenzene-d5
 Concen: 60.50 ng
 RT: 9.250 min Scan# 1006
 Delta R.T. -0.005 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

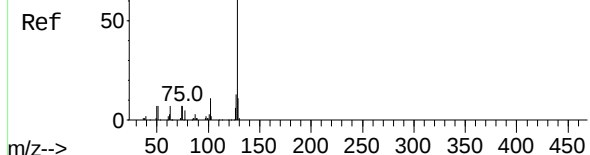
Tgt Ion:	82	Resp:	119885
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.8	44.6
54	54.9	45.8	68.8



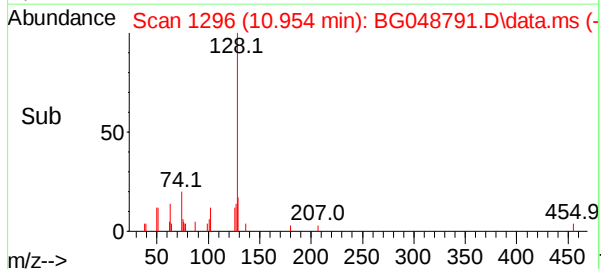
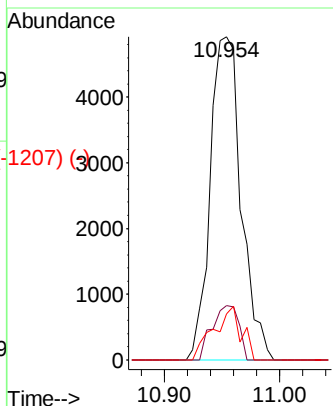
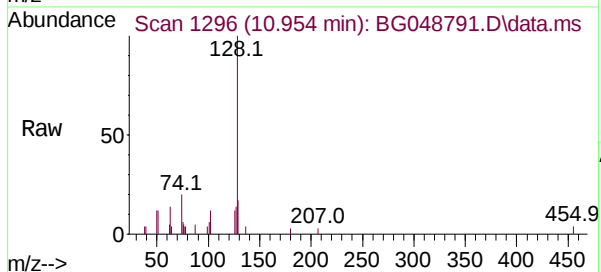
Abundance Scan 1298 (10.964 min): BG048693.D\data.ms (-1280) (-)

Naphthalene
Concen: 2.02 ng
RT: 10.954 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Instrument :
BNA_G
ClientSampled :

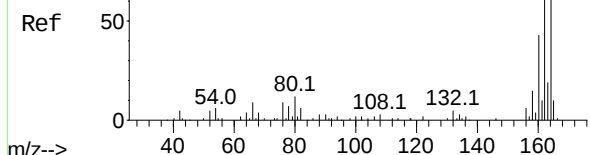


Tgt Ion:	128	Resp:	9203
Ion	Ratio	Lower	Upper
128	100		
129	16.8	8.5	12.7#
127	14.3	10.2	15.4

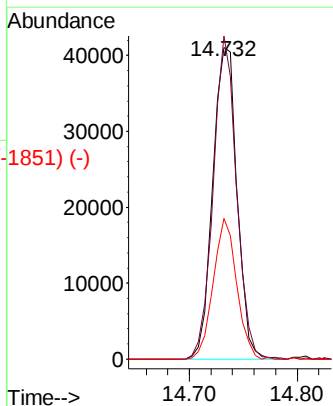
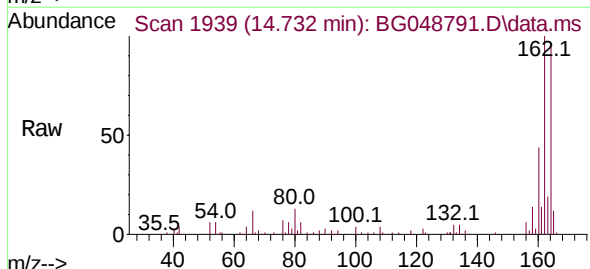


Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1939) (-)

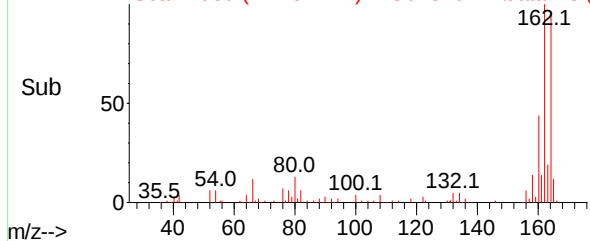
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47



Tgt Ion:	164	Resp:	64774
Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	45.2	34.9	52.3



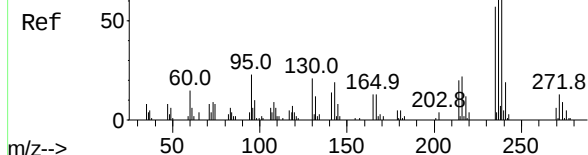
Abundance Scan 1939 (14.732 min): BG048791.D\data.ms (-1851) (-)



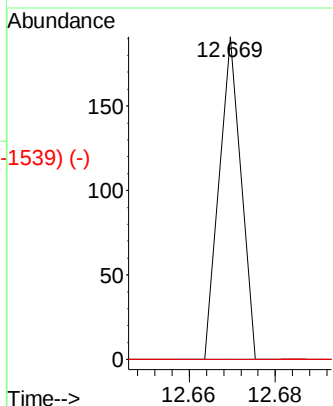
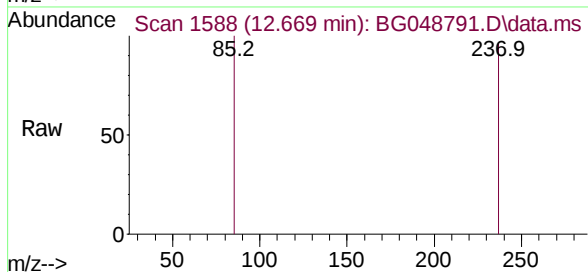
Abundance Scan 1629 (12.908 min): BG048693.D\data.ms (-1621) (-)

Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.669 min Scan# 1588
Delta R.T. -0.240 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

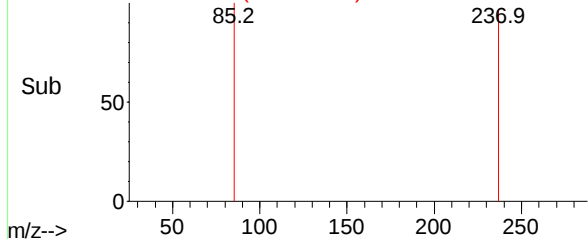
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	237	Resp:	67
Ion Ratio	Lower	Upper	
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

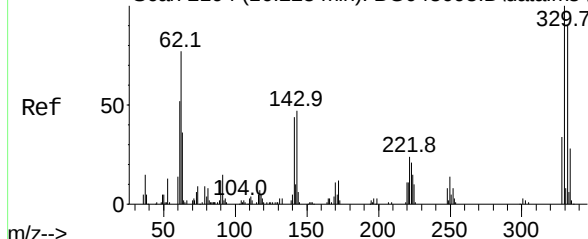


Abundance Scan 1588 (12.669 min): BG048791.D\data.ms (-1539) (-)

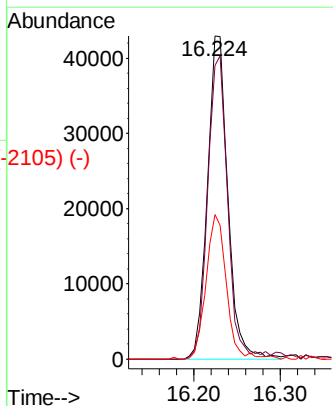
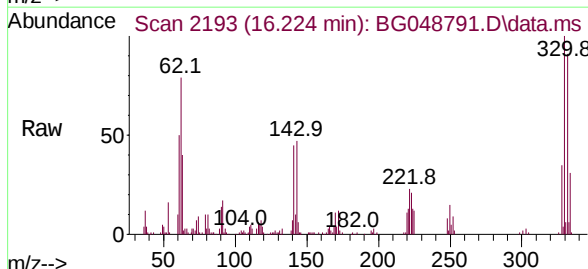


Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2192) (-)

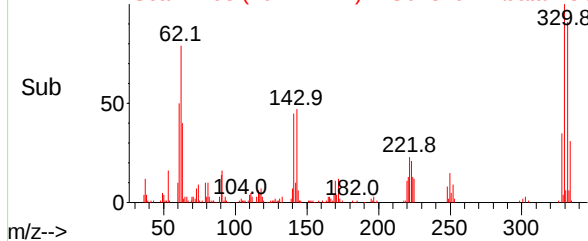
2,4,6-Tribromophenol
Concen: 81.18 ng
RT: 16.224 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47



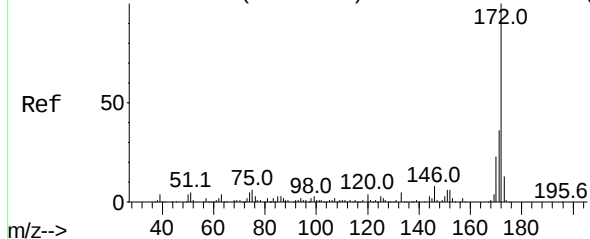
Tgt Ion:	330	Resp:	70502
Ion Ratio	Lower	Upper	
330	100		
332	90.5	77.3	115.9
141	44.0	35.6	53.4



Abundance Scan 2193 (16.224 min): BG048791.D\data.ms (-2105) (-)



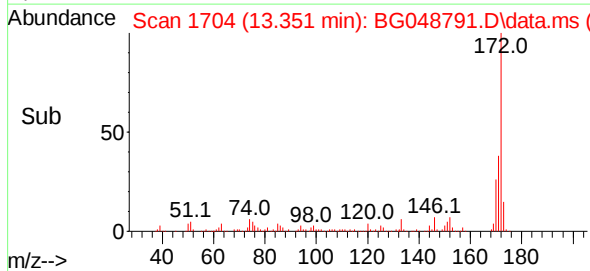
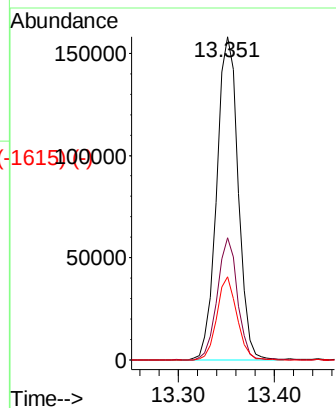
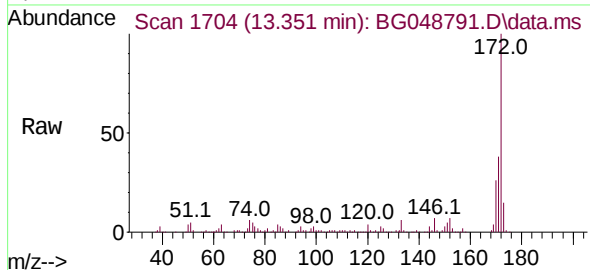
Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1695) (-)



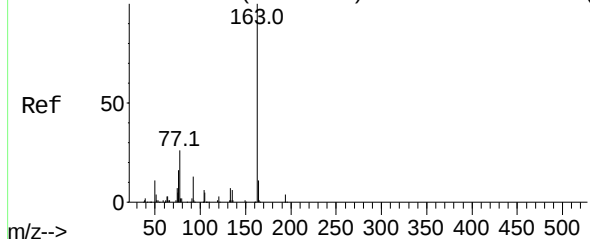
2-Fluorobiphenyl
Concen: 54.58 ng
RT: 13.351 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	172	Resp:	244806
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.7	18.6	27.8

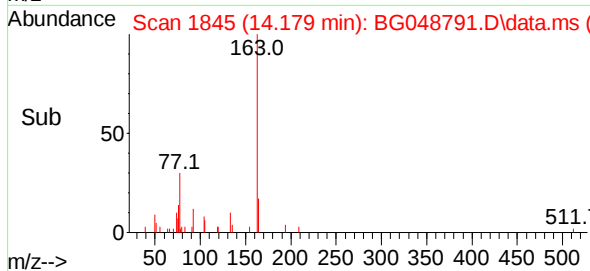
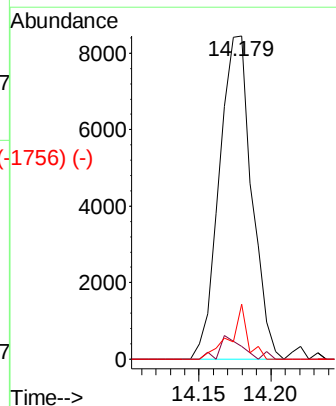
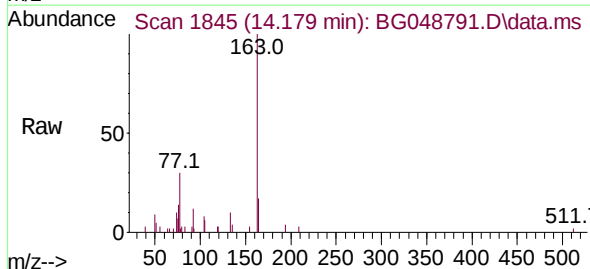


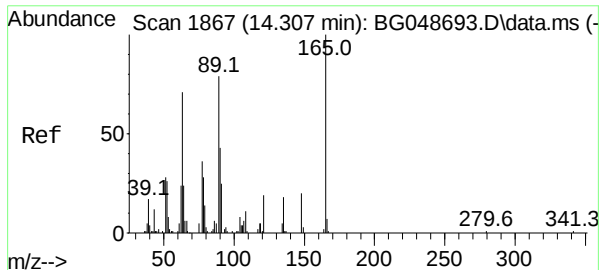
Abundance Scan 1846 (14.183 min): BG048693.D\data.ms (-1756) (-)



Dimethylphthalate
Concen: 2.73 ng
RT: 14.179 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:	163	Resp:	13257
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	17.1	8.6	12.8#

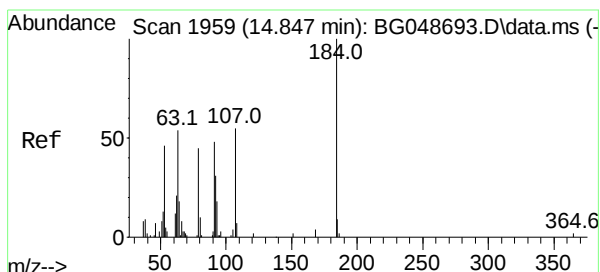
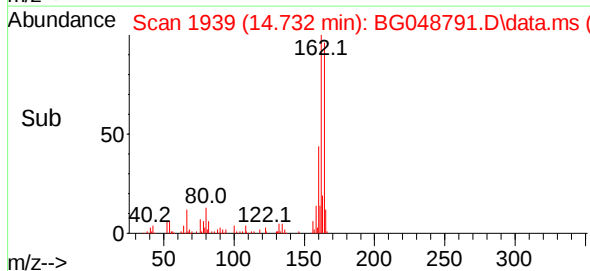
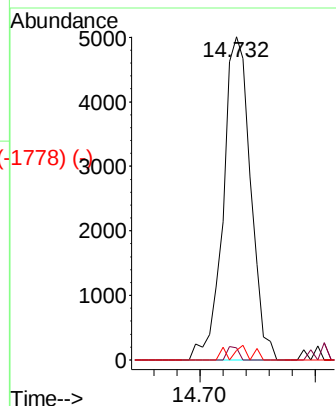
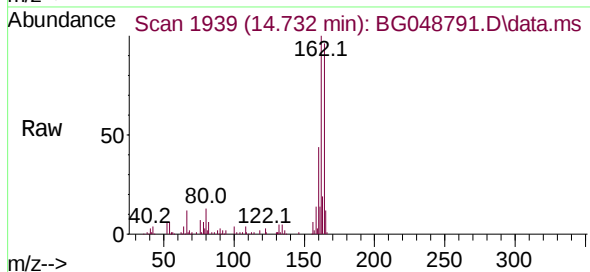




2,6-Dinitrotoluene
 Concen: 7.35 ng
 RT: 14.732 min Scan# 1939
 Delta R.T. 0.418 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

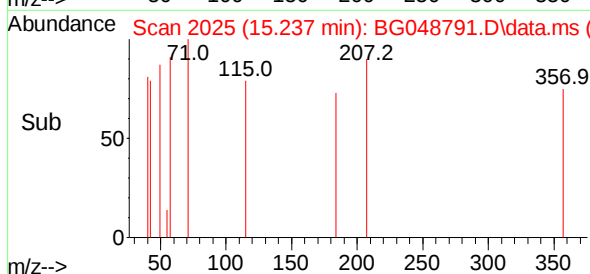
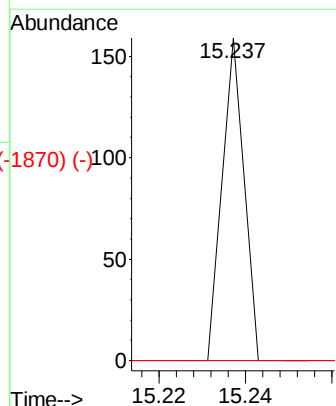
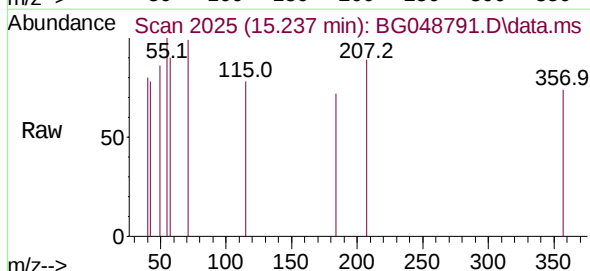
Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:	165	Resp:	8235
Ion	Ratio	Lower	Upper
165	100		
63	3.7	63.3	94.9#
89	3.0	63.4	95.0#



2,4-Dinitrophenol
 Concen: 5.36 ng
 RT: 15.237 min Scan# 2025
 Delta R.T. 0.383 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

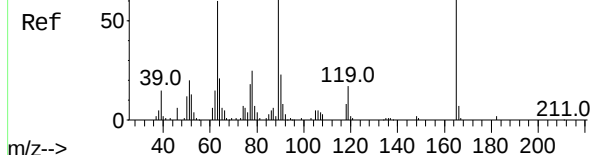
Tgt Ion:	184	Resp:	56
Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.3	102.5#
154	0.0	62.6	93.8#



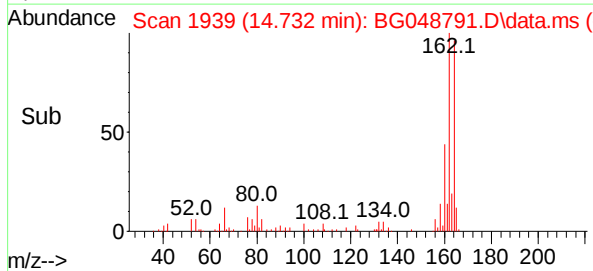
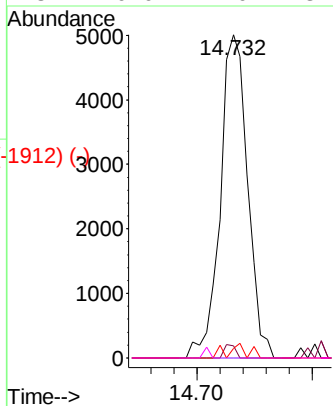
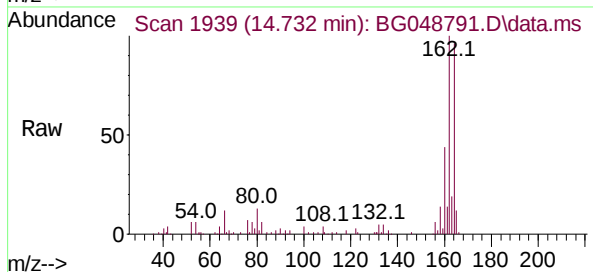
Abundance Scan 2002 (15.100 min): BG048693.D\data.ms (-1955) (-)

2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.369 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Instrument :
BNA_G
ClientSampled :



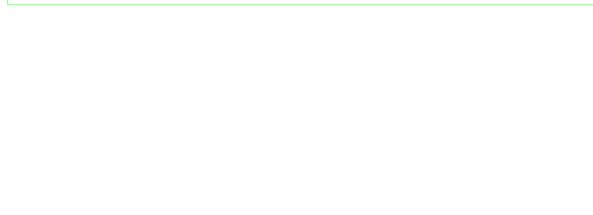
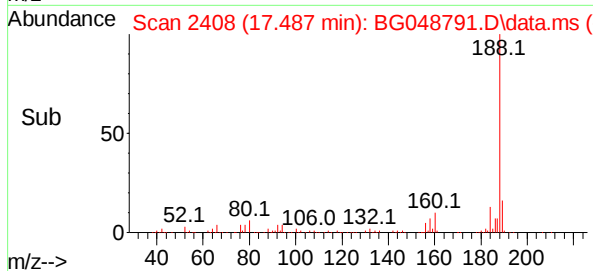
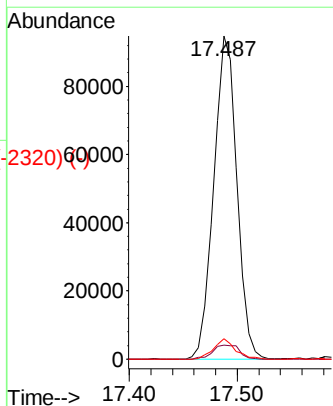
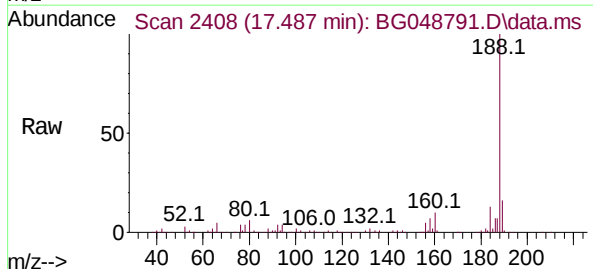
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.7	48.0	72.0#
89	3.0	65.4	98.0#
182	0.0	2.0	3.0#



Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2462) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.487 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

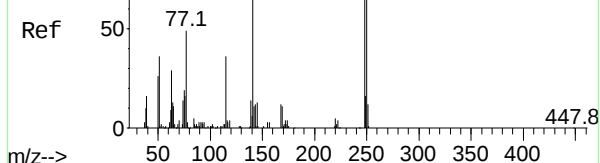
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	5.4	8.0#
80	6.2	3.7	5.5#



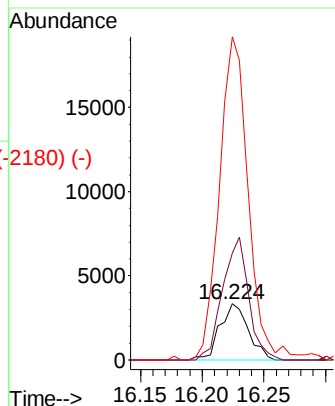
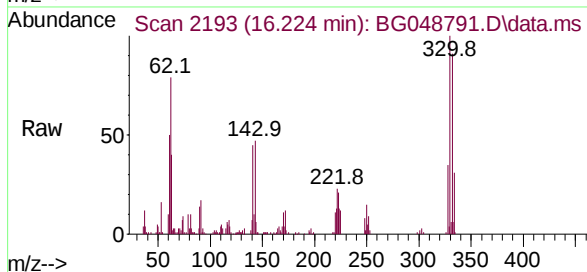
Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-263) (-)

4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 16.224 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

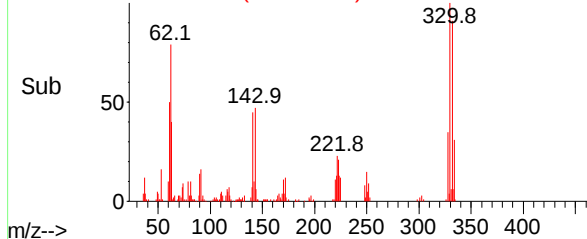
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	248	Resp:	5365
Ion Ratio	Lower	Upper	
248	100		
250	203.8	76.1	114.1#
141	472.8	65.4	98.2#



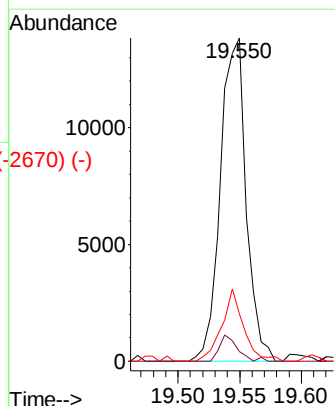
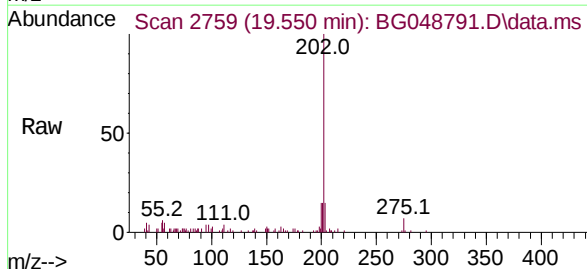
Abundance Scan 2193 (16.224 min): BG048791.D\data.ms (-2180) (-)



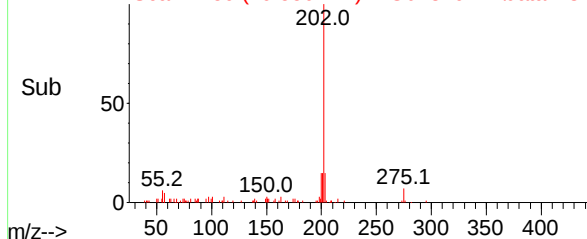
Abundance Scan 2759 (19.548 min): BG048693.D\data.ms (-275) (-)

Fluoranthene
Concen: 2.16 ng
RT: 19.550 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion:	202	Resp:	20192
Ion Ratio	Lower	Upper	
202	100		
101	2.9	0.0	24.7
203	14.7	0.0	38.5



Abundance Scan 2759 (19.550 min): BG048791.D\data.ms (-2670) (-)



Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-3174) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 21.788 min Scan# 3140

Delta R.T. -0.011 min

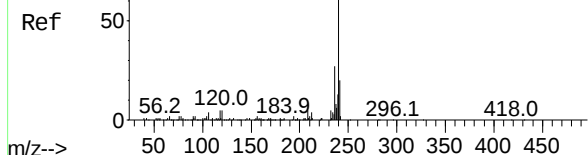
Lab File: BG048791.D

Acq: 20 Apr 2021 9:47

Instrument :

BNA_G

ClientSampleId :



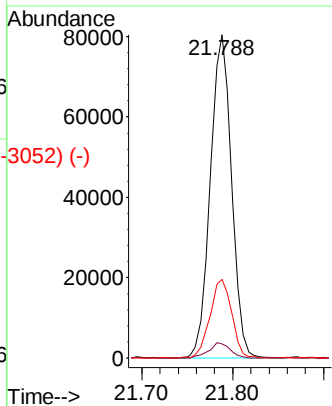
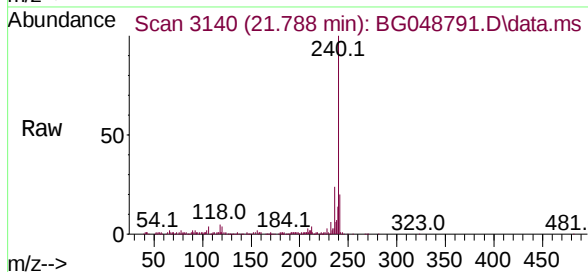
Tgt Ion:240 Resp: 130504

Ion Ratio Lower Upper

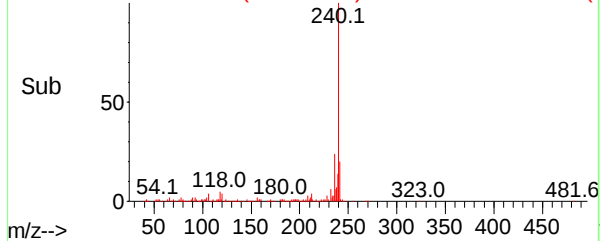
240 100

120 4.4 4.2 6.2

236 24.4 21.8 32.6



Abundance Scan 3140 (21.788 min): BG048791.D\data.ms (-3052) (-)



Abundance Scan 2789 (19.724 min): BG048693.D\data.ms (-2777) (-)

Benzidine

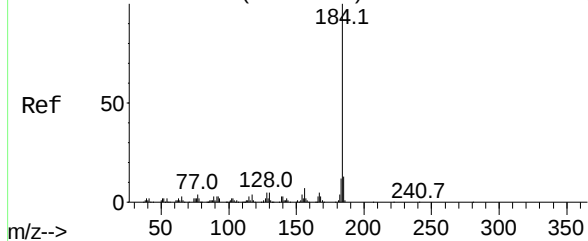
Concen: 2.22 ng

RT: 20.102 min Scan# 2853

Delta R.T. 0.371 min

Lab File: BG048791.D

Acq: 20 Apr 2021 9:47



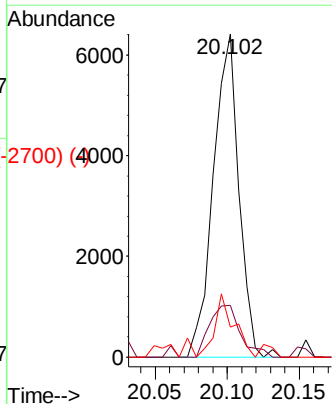
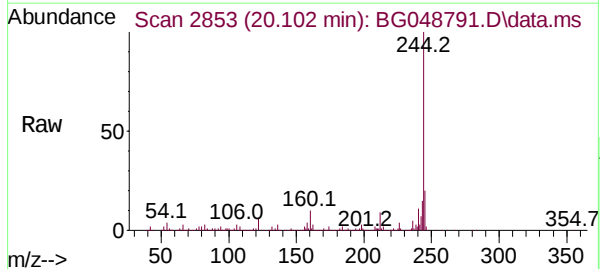
Tgt Ion:184 Resp: 7878

Ion Ratio Lower Upper

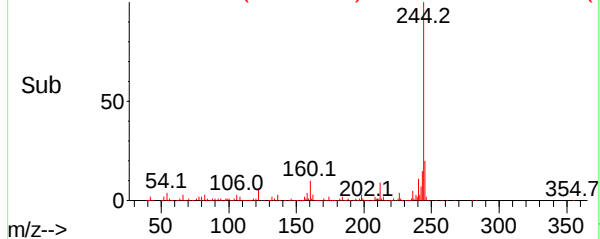
184 100

185 16.1 10.7 16.1

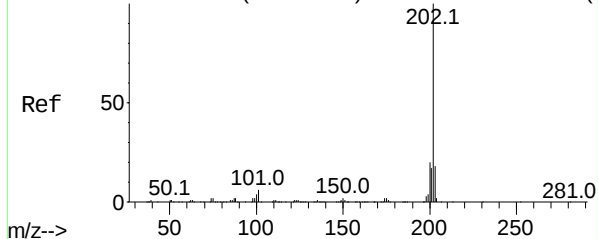
183 9.2 9.4 14.0#



Abundance Scan 2853 (20.102 min): BG048791.D\data.ms (-2700) (-)



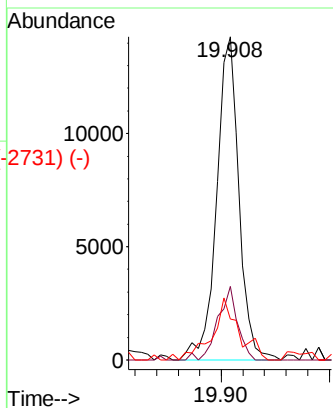
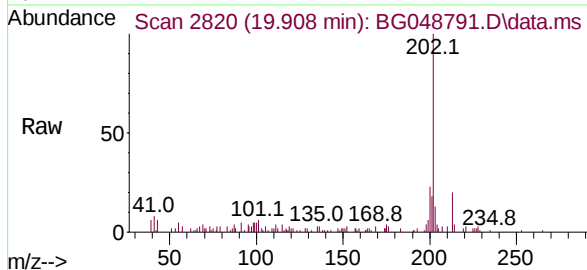
Abundance Scan 2821 (19.912 min): BG048693.D\data.ms (-272) (-)



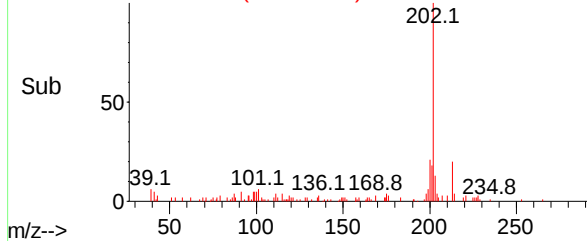
Pyrene
Concen: 2.29 ng
RT: 19.908 min Scan# 2820
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Instrument :
BNA_G
ClientSampleId :

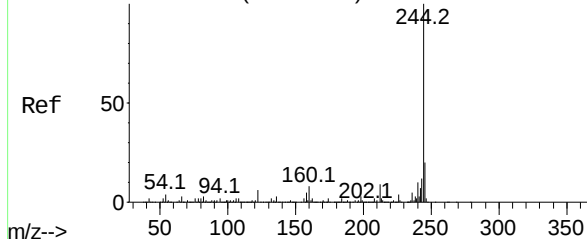
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	20676		
200	22.8	15.8	23.8	
203	12.6	14.6	21.8#	



Abundance Scan 2820 (19.908 min): BG048791.D\data.ms (-2731) (-)

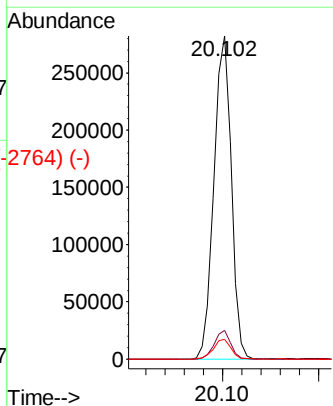
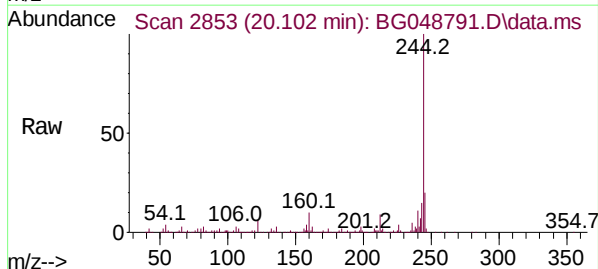


Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-274) (-)

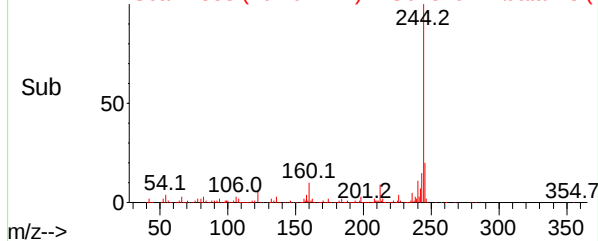


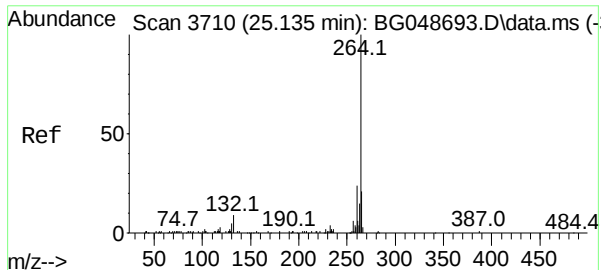
Terphenyl-d14
Concen: 46.71 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048791.D
Acq: 20 Apr 2021 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	354145		
212	8.9	6.9	10.3	
122	6.1	5.0	7.6	



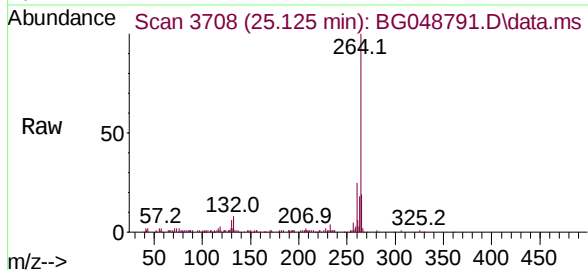
Abundance Scan 2853 (20.102 min): BG048791.D\data.ms (-2764) (-)





Perylene-d12
 Concen: 20.00 ng
 RT: 25.125 min Scan# 3708
 Delta R.T. -0.017 min
 Lab File: BG048791.D
 Acq: 20 Apr 2021 9:47

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	264	Resp:	132578
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.4	29.2
265	18.6	16.9	25.3

