

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048793.D
 Acq On : 20 Apr 2021 11:07
 Operator : CG/JU
 Sample : M1720-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 12:20:19 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)

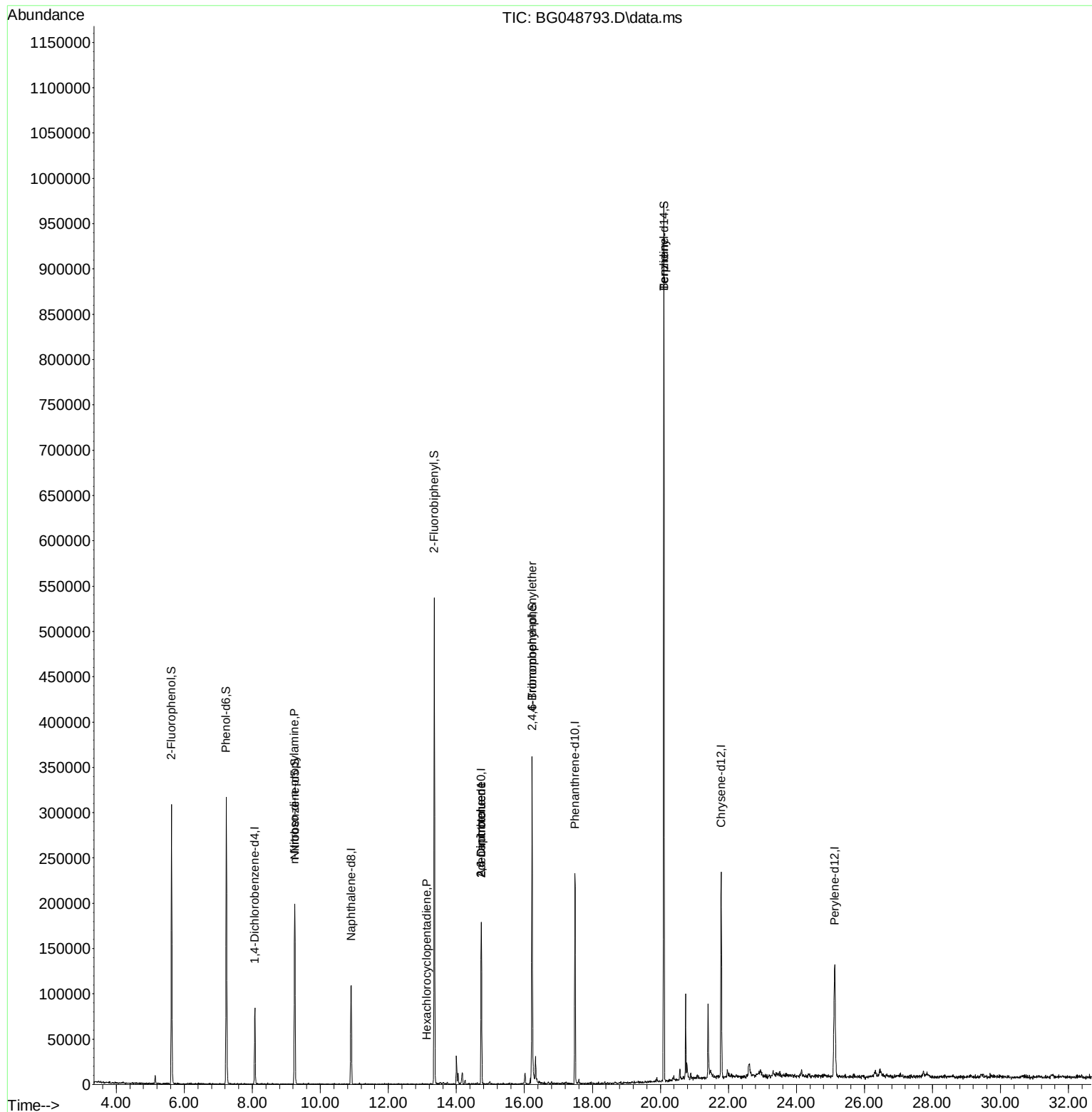
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	20697	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	91983	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	64214	20.00	ng	-0.01
64) Phenanthrene-d10	17.486	188	142863	20.00	ng	#-0.01
76) Chrysene-d12	21.787	240	135615	20.00	ng	-0.01
86) Perylene-d12	25.119	264	138628	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.624	112	115128	93.03	ng	0.00
7) Phenol-d6	7.234	99	152860	87.33	ng	0.00
23) Nitrobenzene-d5	9.249	82	114559	55.76	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	63587	73.85	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	262752	59.09	ng	0.00
79) Terphenyl-d14	20.101	244	420699	53.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.243	70	19291	16.34	ng	# 75
41) Hexachlorocyclopentadiene	13.133	237	67	5.91	ng	# 31
51) 2,6-Dinitrotoluene	14.731	165	8743	7.87	ng	# 10
57) 2,4-Dinitrotoluene	14.731	165	8743	5.42	ng	# 15
67) 4-Bromophenyl-phenylether	16.223	248	4375	2.66	ng	# 1
77) Benzidine	20.101	184	8557	2.32	ng	# 76

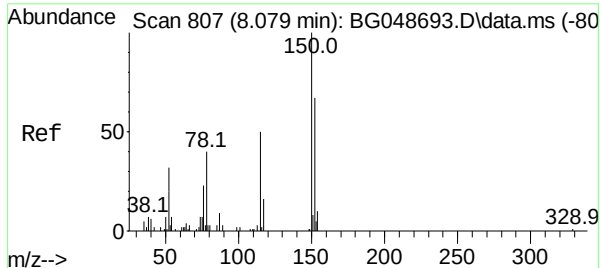
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_G
ClientSampleId :

Quant Time: Apr 20 12:20:19 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

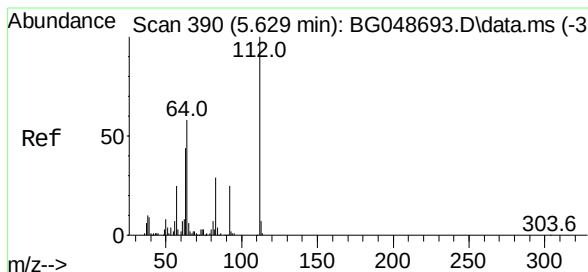
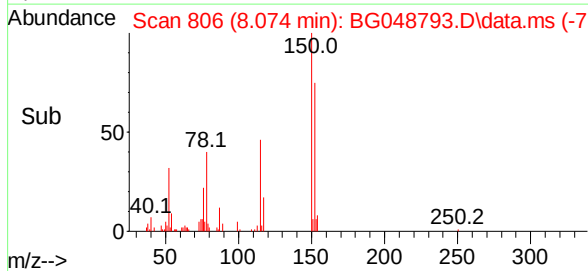
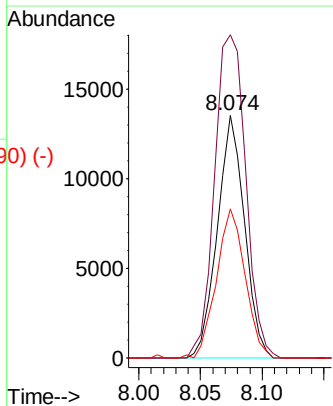
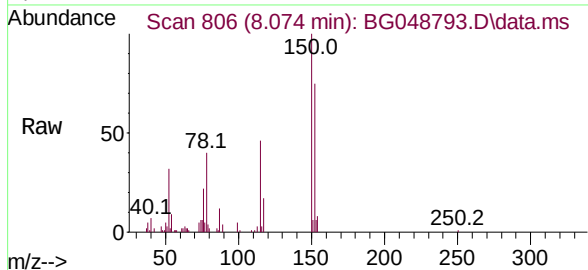




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.074 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BG048793.D
 Acq: 20 Apr 2021 11:07

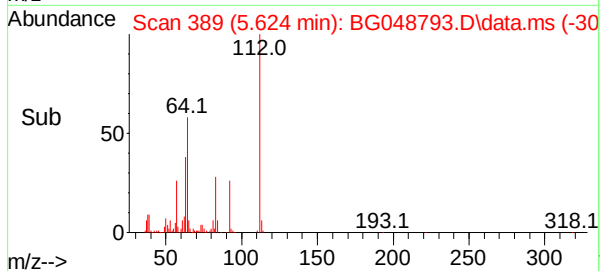
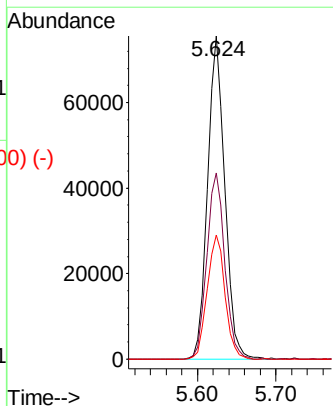
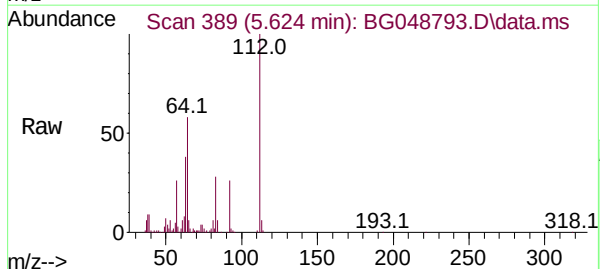
Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	152	Resp:	20697
Ion	Ratio	Lower	Upper
152	100		
150	133.1	119.4	179.0
115	61.3	60.2	90.4

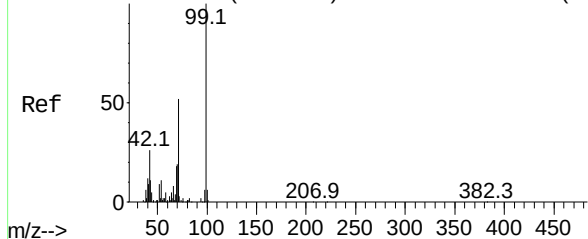


2-Fluorophenol
 Concen: 93.03 ng
 RT: 5.624 min Scan# 389
 Delta R.T. -0.006 min
 Lab File: BG048793.D
 Acq: 20 Apr 2021 11:07

Tgt Ion:	112	Resp:	115128
Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.7	70.1
63	38.4	35.3	52.9



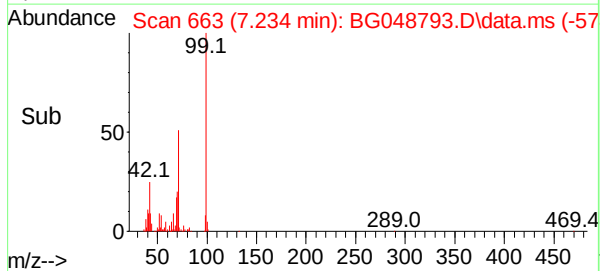
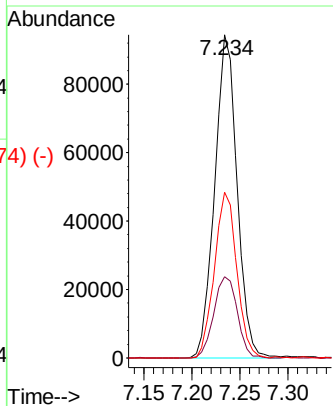
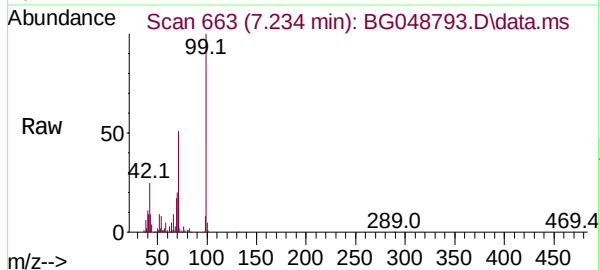
Abundance Scan 664 (7.239 min): BG048693.D\data.ms (-656)#7



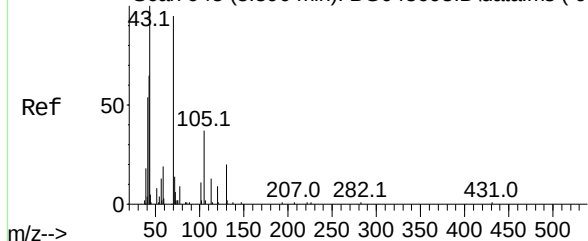
Phenol-d6
Concen: 87.33 ng
RT: 7.234 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Instrument :
BNA_G
ClientSampled :

Tgt Ion:	99	Resp:	152860
Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.5	30.7
71	51.3	41.5	62.3

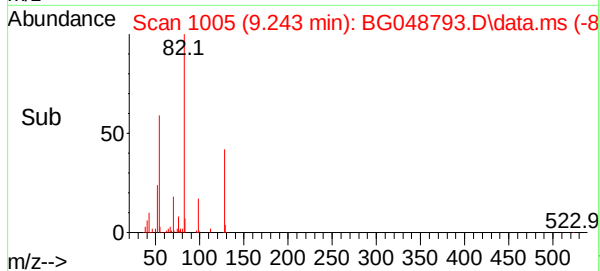
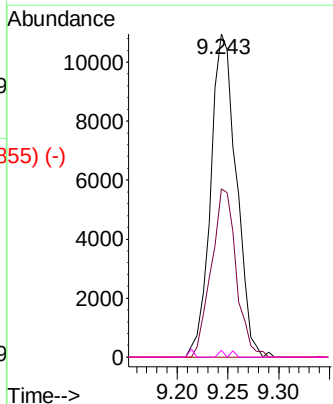
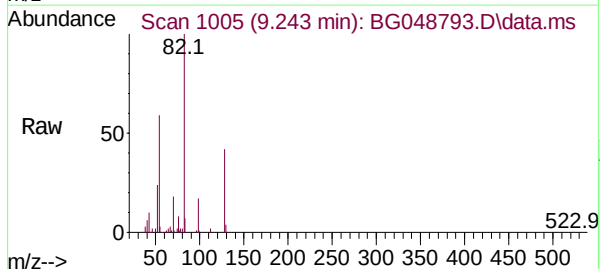


Abundance Scan 945 (8.890 min): BG048693.D\data.ms (-937)#19



n-Nitroso-di-n-propylamine
Concen: 16.34 ng
RT: 9.243 min Scan# 1005
Delta R.T. 0.352 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

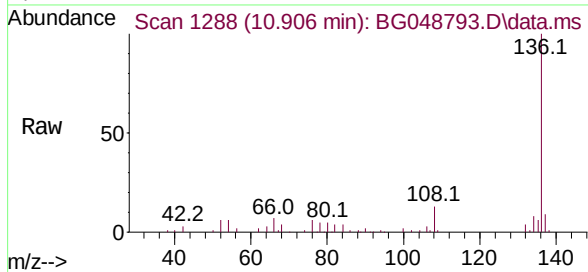
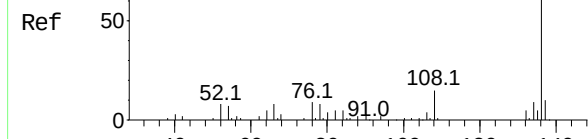
Tgt Ion:	70	Resp:	19291
Ion	Ratio	Lower	Upper
70	100		
42	52.1	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



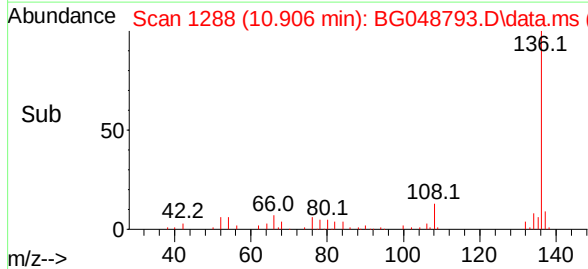
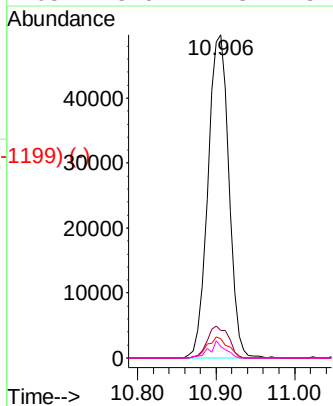
Abundance Scan 1289 (10.911 min): BG048693.D\data.ms (-1281)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Instrument :
BNA_G
ClientSampled :

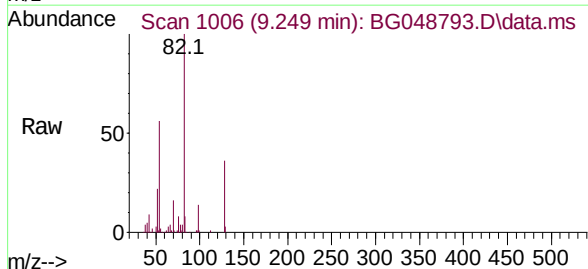
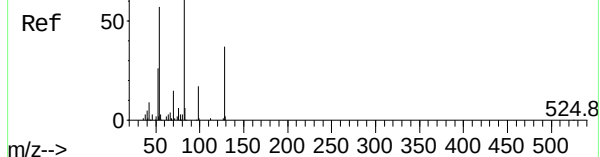


Tgt Ion	Ratio	Lower	Upper
136	100		
137	8.6	8.2	12.2
54	5.9	5.5	8.3
68	3.6	2.3	3.5#

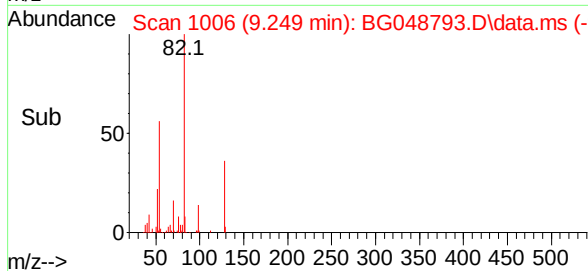
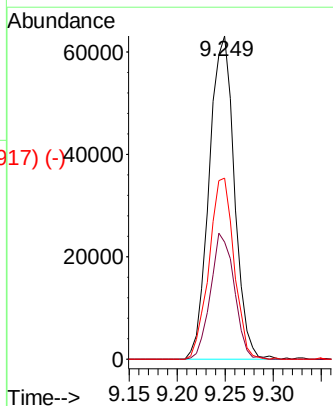


Abundance Scan 1007 (9.254 min): BG048693.D\data.ms (-1007)

Nitrobenzene-d5
Concen: 55.76 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07



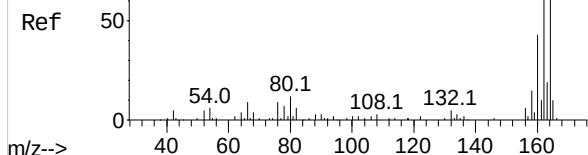
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.8	44.6
54	56.1	45.8	68.8



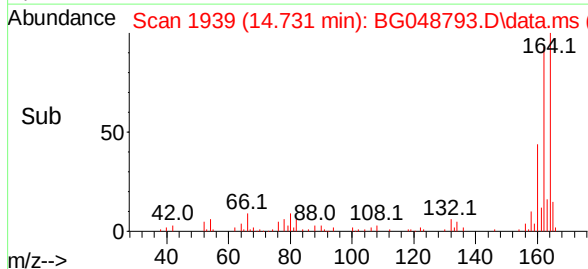
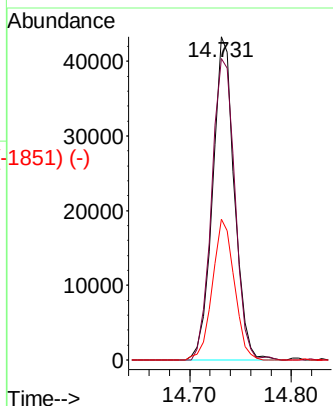
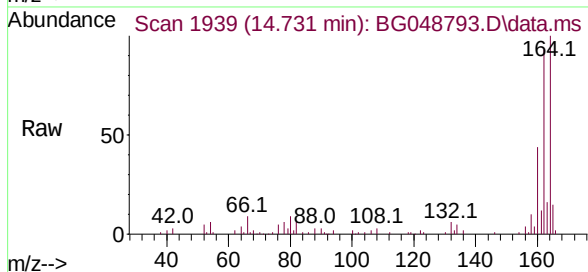
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1939) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Instrument :
BNA_G
ClientSampled :

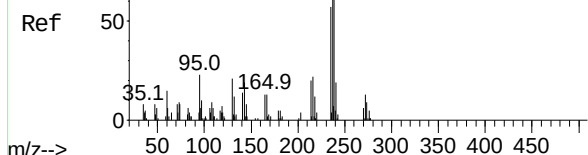


Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.3	81.4	122.0
160	43.6	34.9	52.3

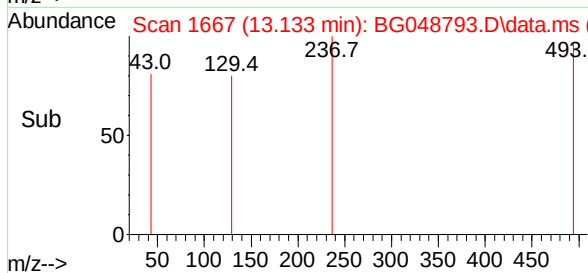
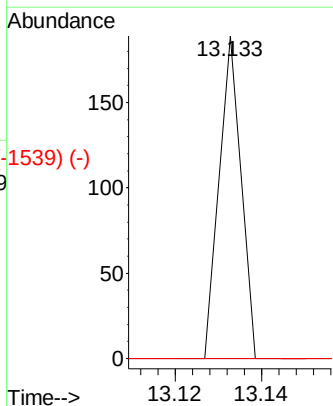
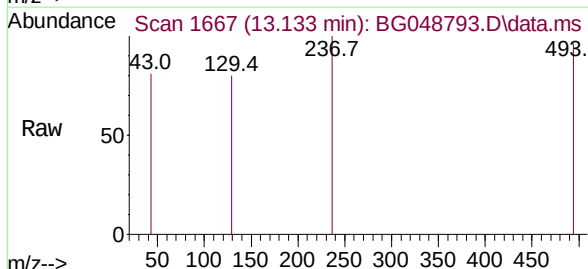


Abundance Scan 1629 (12.908 min): BG048693.D\data.ms (-1621) (-)

Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 13.133 min Scan# 1667
Delta R.T. 0.223 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07



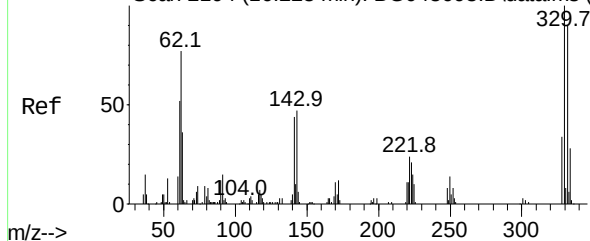
Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



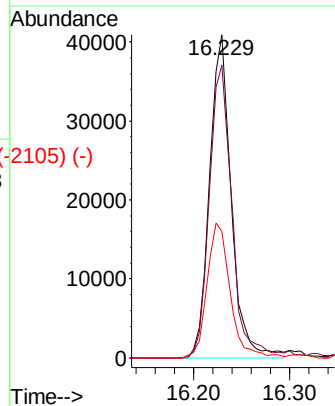
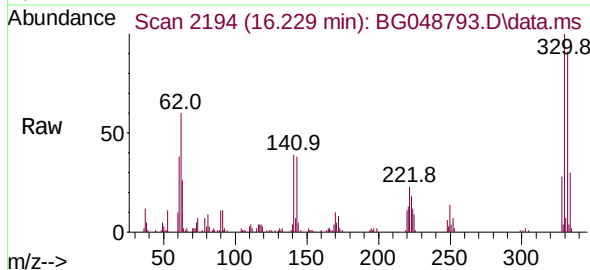
Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2105) (-)

2,4,6-Tribromophenol
Concen: 73.85 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

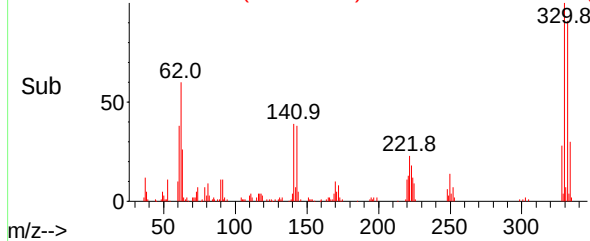
Instrument :
BNA_G
ClientSampled :



Tgt Ion:	330	Resp:	63587
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	44.5	35.6	53.4

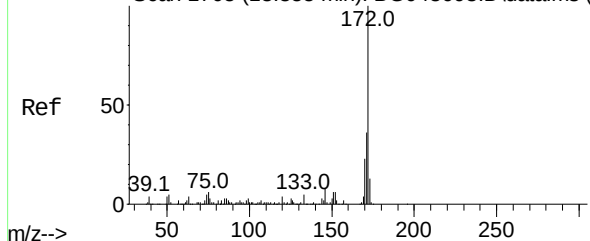


Abundance Scan 2194 (16.229 min): BG048793.D\data.ms (-2105) (-)

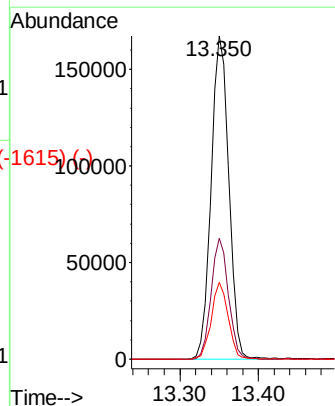
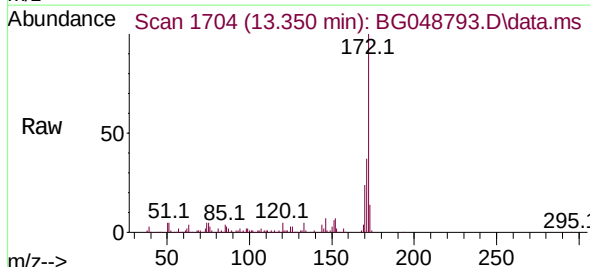


Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1615) (-)

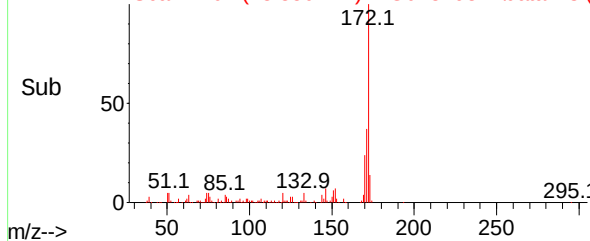
2-Fluorobiphenyl
Concen: 59.09 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

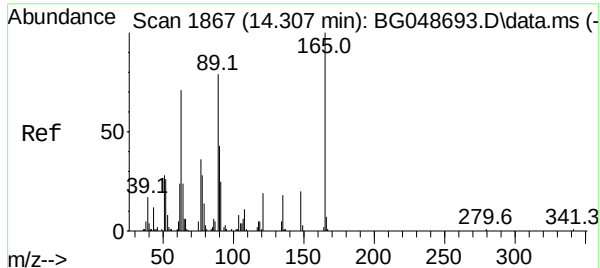


Tgt Ion:	172	Resp:	262752
Ion Ratio	Lower	Upper	
172	100		
171	37.3	28.6	43.0
170	23.7	18.6	27.8



Abundance Scan 1704 (13.350 min): BG048793.D\data.ms (-1615) (-)

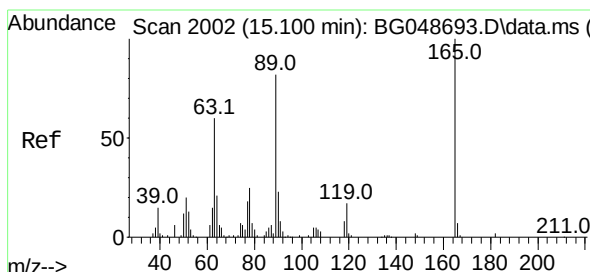
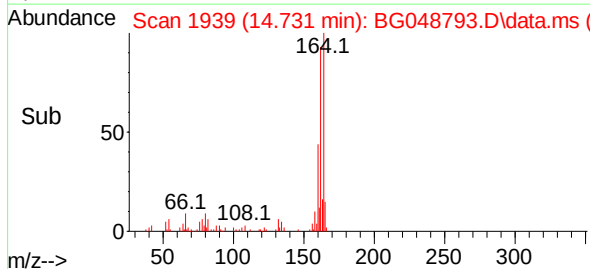
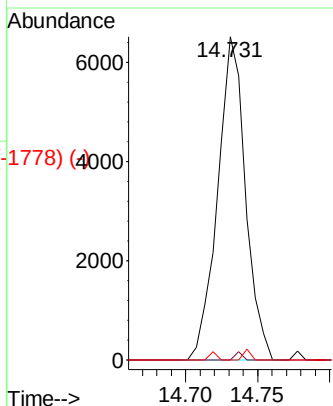
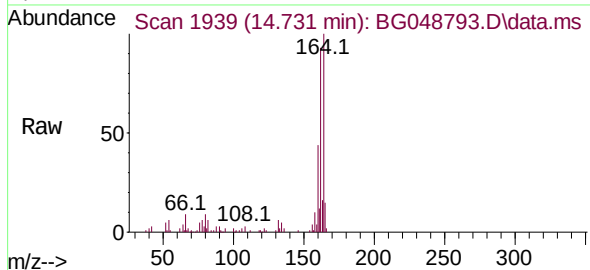




Scan 1867 (14.307 min): BG048693.D\data.ms (-165) (-)
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 14.731 min Scan# 1939
 Delta R.T. 0.417 min
 Lab File: BG048793.D
 Acq: 20 Apr 2021 11:07

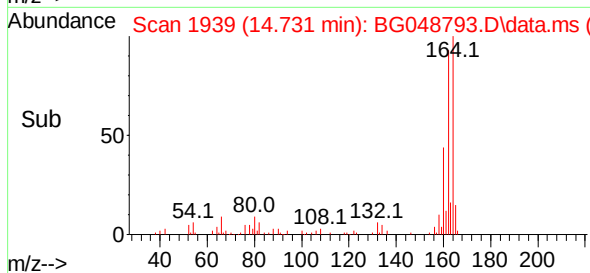
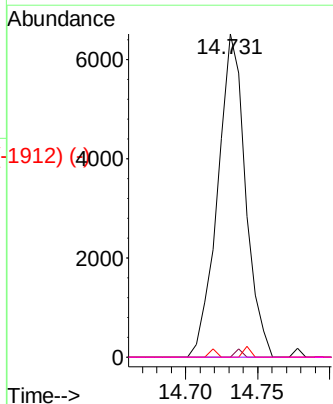
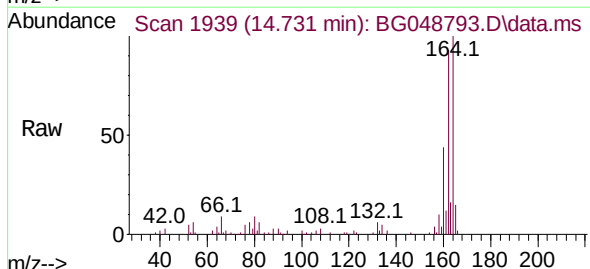
Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:	165	Resp:	8743
Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



Scan 2002 (15.100 min): BG048693.D\data.ms (-165) (-)
 2,4-Dinitrotoluene
 Concen: 5.42 ng
 RT: 14.731 min Scan# 1939
 Delta R.T. -0.370 min
 Lab File: BG048793.D
 Acq: 20 Apr 2021 11:07

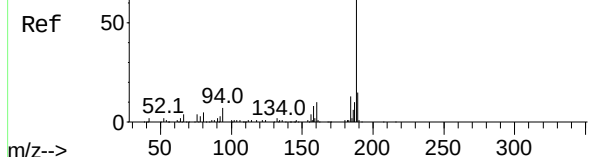
Tgt Ion:	165	Resp:	8743
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



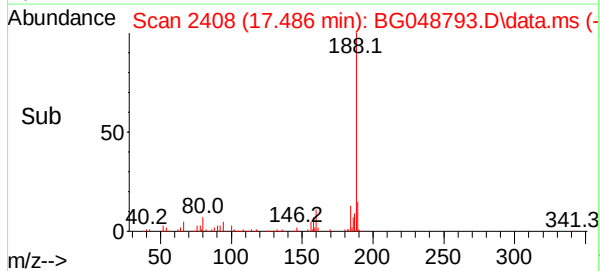
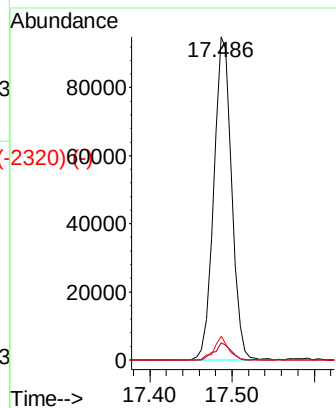
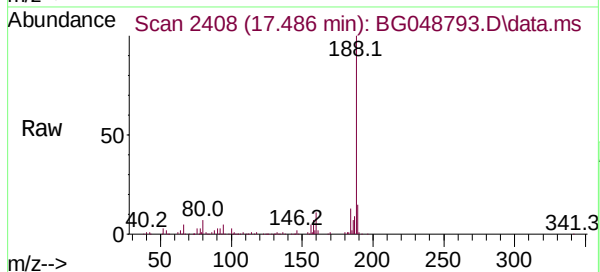
Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2402) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Instrument :
BNA_G
ClientSampled :



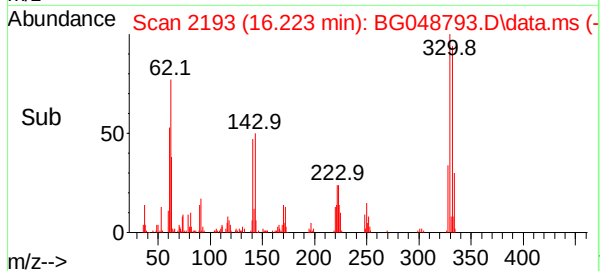
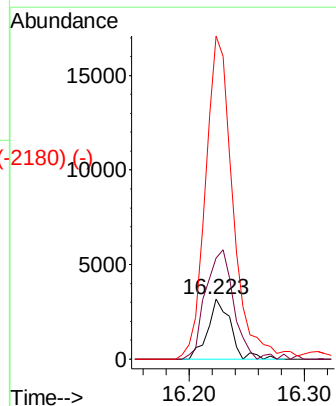
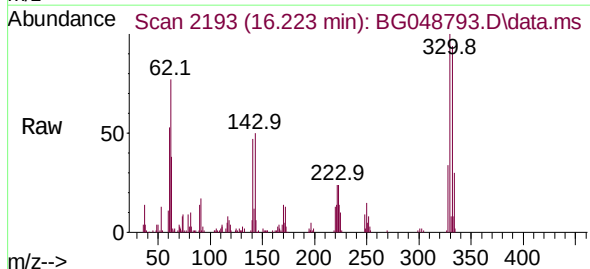
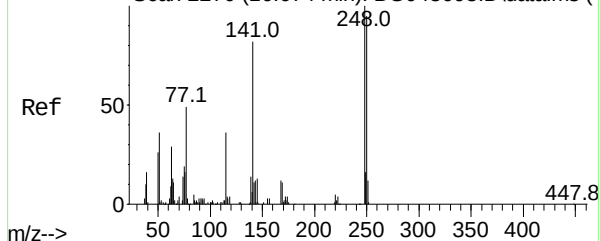
Tgt Ion:	188	Resp:	142863
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.4	8.0#
80	7.3	3.7	5.5#



Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-2267) (-)

4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

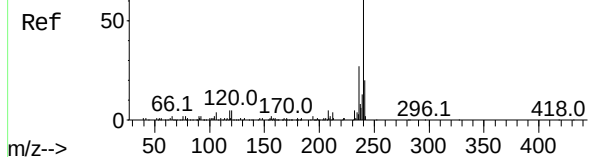
Tgt Ion:	248	Resp:	4375
Ion Ratio	Lower	Upper	
248	100		
250	168.0	76.1	114.1#
141	536.3	65.4	98.2#



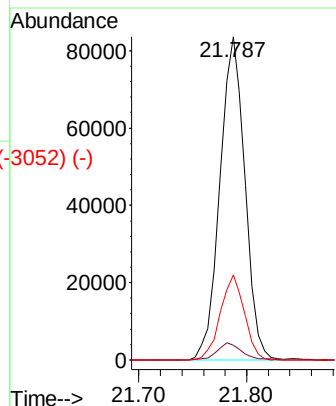
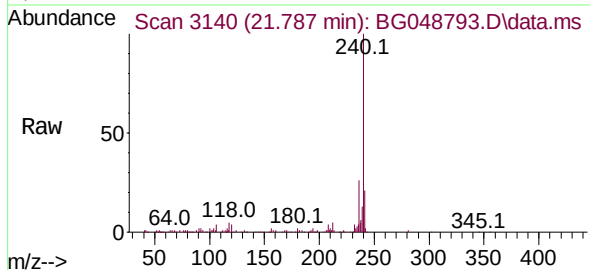
Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-3174) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

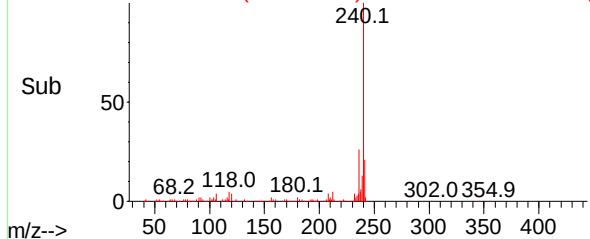
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	240	Resp:	135615
Ion Ratio	Lower	Upper	
240	100		
120	4.5	4.2	6.2
236	26.4	21.8	32.6



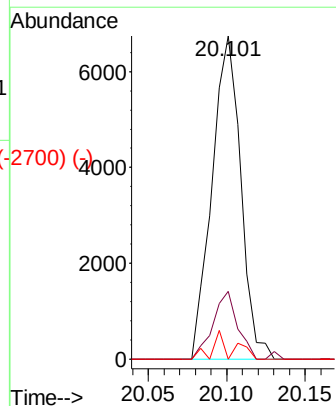
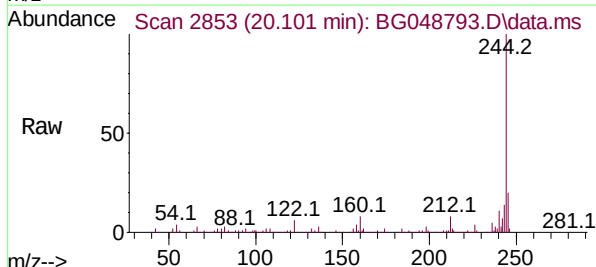
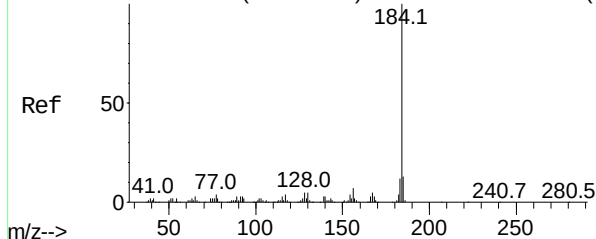
Abundance Scan 3140 (21.787 min): BG048793.D\data.ms (-3052) (-)



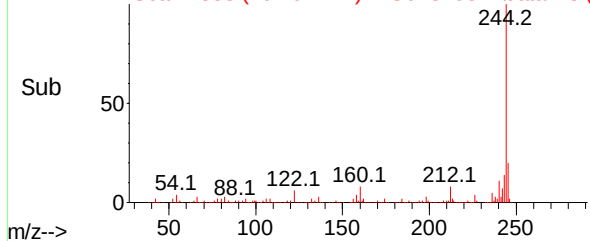
Abundance Scan 2789 (19.724 min): BG048693.D\data.ms (-2771) (-)

Benzidine
Concen: 2.32 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Tgt Ion:	184	Resp:	8557
Ion Ratio	Lower	Upper	
184	100		
185	21.0	10.7	16.1#
183	0.0	9.4	14.0#



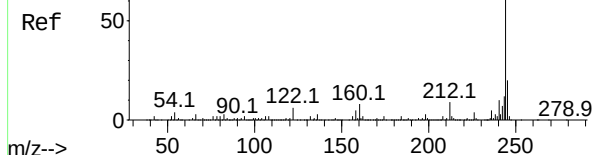
Abundance Scan 2853 (20.101 min): BG048793.D\data.ms (-2700) (-)



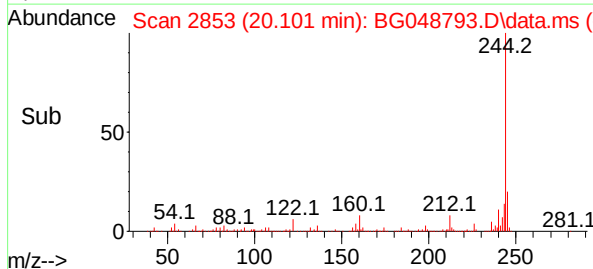
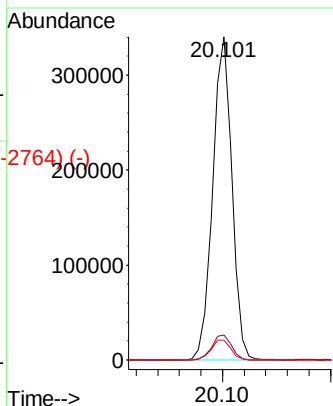
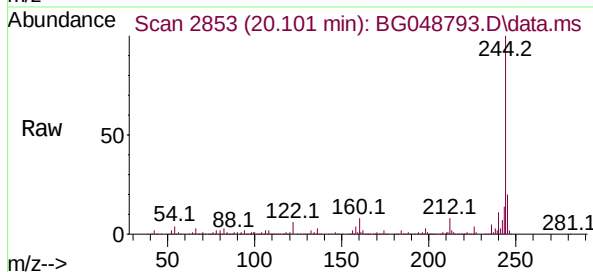
Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-2679) (-)

Terphenyl-d14
Concen: 53.39 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07

Instrument :
BNA_G
ClientSampleId :

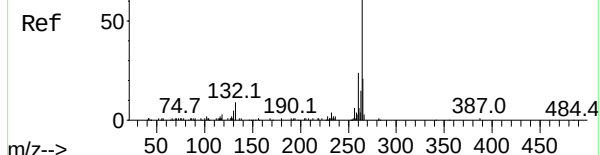


Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.9	10.3
122	6.2	5.0	7.6



Abundance Scan 3710 (25.135 min): BG048693.D\data.ms (-3696) (-)

Perylene-d12
Concen: 20.00 ng
RT: 25.119 min Scan# 3707
Delta R.T. -0.024 min
Lab File: BG048793.D
Acq: 20 Apr 2021 11:07



Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.6	19.4	29.2
265	17.5	16.9	25.3

