

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048728.D
 Acq On : 16 Apr 2021 17:24
 Operator : CG/JU
 Sample : M2026-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-5

Quant Time: Apr 16 18:03:56 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)

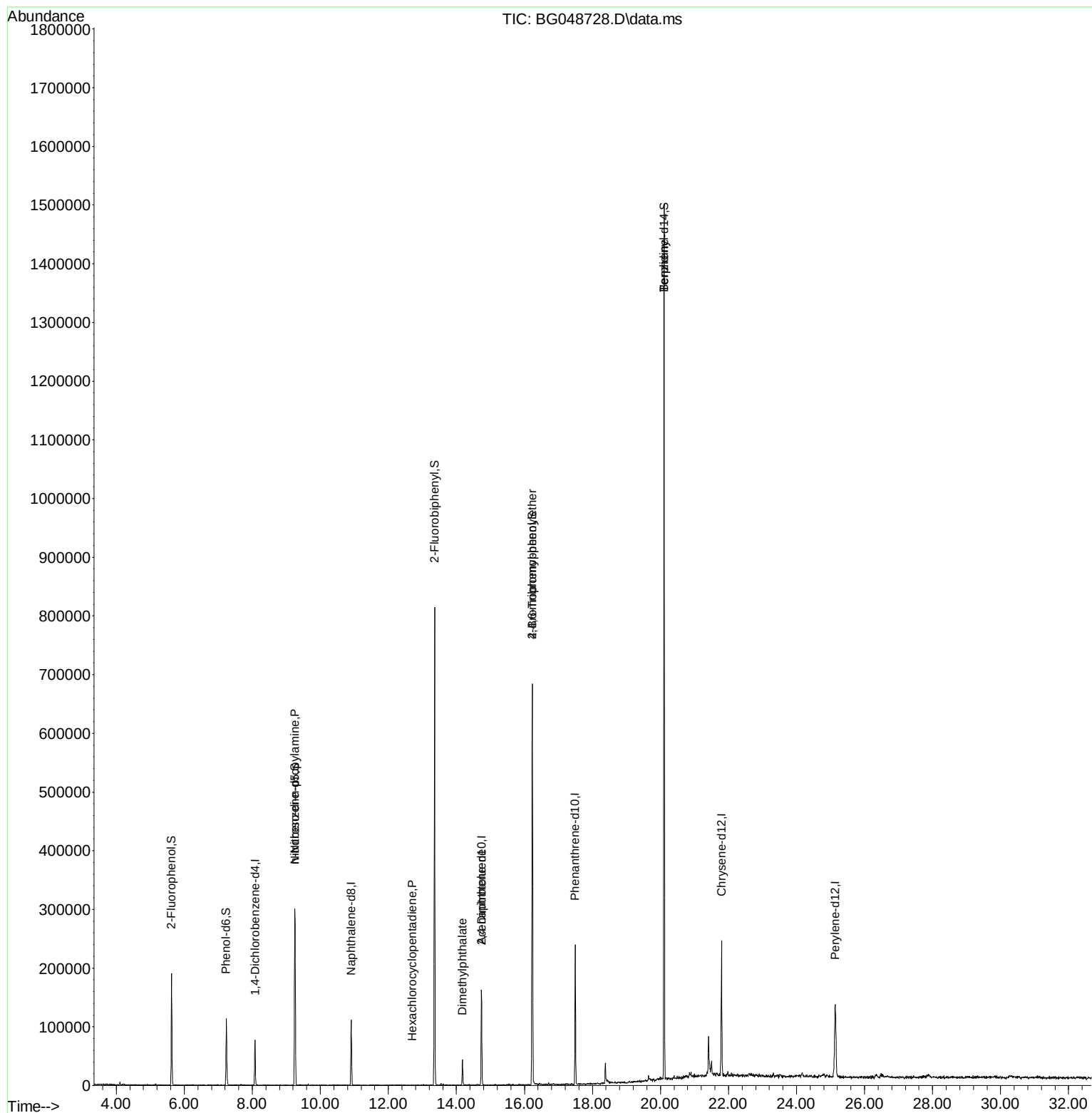
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	19633	20.00	ng	# 0.00
21) Naphthalene-d8	10.908	136	81018	20.00	ng	# 0.00
39) Acenaphthene-d10	14.738	164	54858	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	140408	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	138438	20.00	ng	# 0.00
86) Perylene-d12	25.138	264	133664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	68941	58.73	ng	0.00
7) Phenol-d6	7.235	99	53270	32.08	ng	0.00
23) Nitrobenzene-d5	9.251	82	169511	93.67	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	108376	147.34	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	382715	100.75	ng	0.00
79) Terphenyl-d14	20.108	244	635370	78.99	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	27607	24.64	ng	# 78
41) Hexachlorocyclopentadiene	12.705	237	73	5.93	ng	# 31
50) Dimethylphthalate	14.180	163	23463	5.70	ng	# 94
57) 2,4-Dinitrotoluene	14.738	165	7852	5.70	ng	# 15
67) 4-Bromophenyl-phenylether	16.231	248	9150	5.66	ng	# 1
77) Benzidine	20.108	184	13878	3.69	ng	# 91

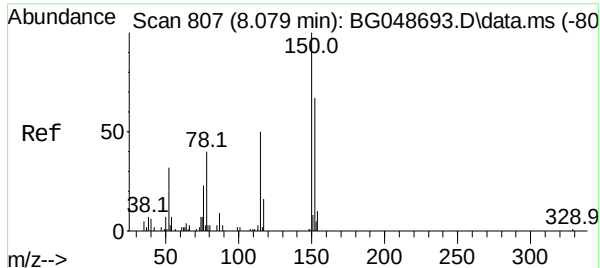
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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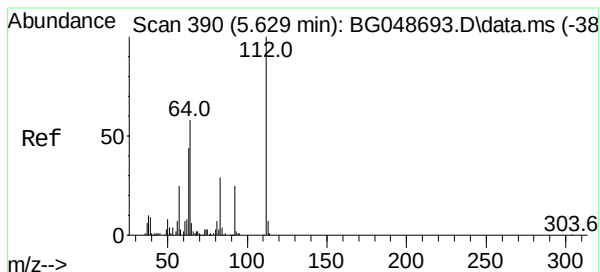
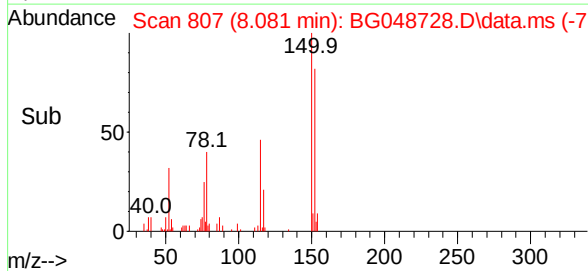
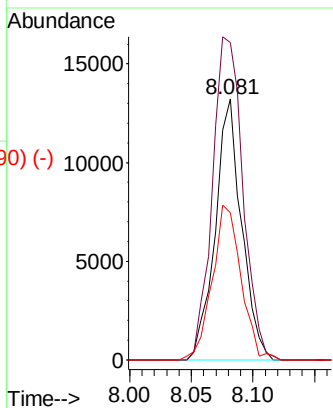
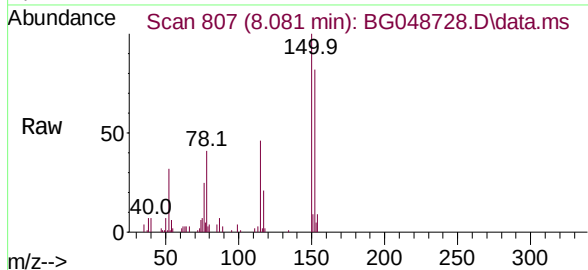




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.081 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

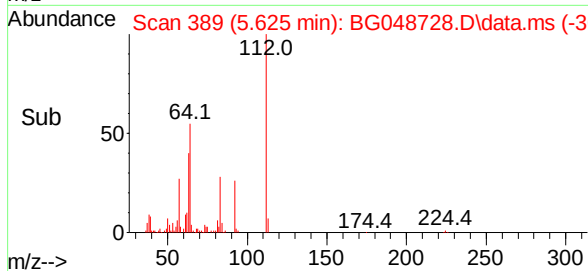
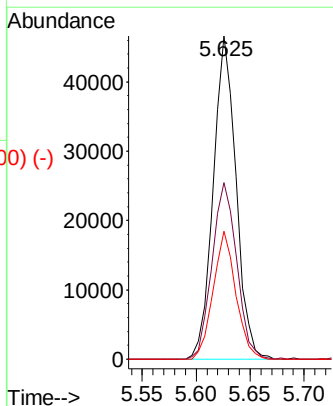
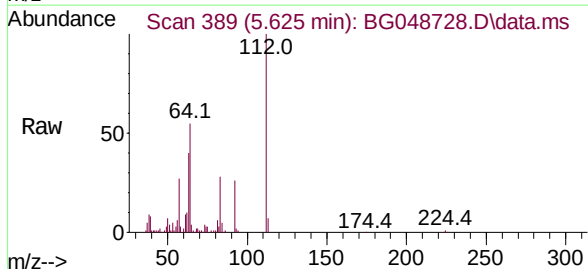
Instrument :
 BNA_G
 ClientSampled :
 GMW-5

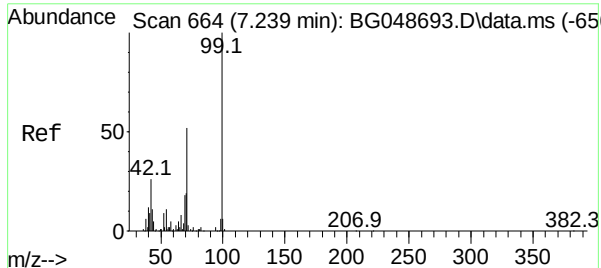
Tgt Ion:	152	Resp:	19633
Ion	Ratio	Lower	Upper
152	100		
150	121.5	119.4	179.0
115	56.5	60.2	90.4#



2-Fluorophenol
 Concen: 58.73 ng
 RT: 5.625 min Scan# 389
 Delta R.T. -0.004 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

Tgt Ion:	112	Resp:	68941
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.7	70.1
63	39.6	35.3	52.9

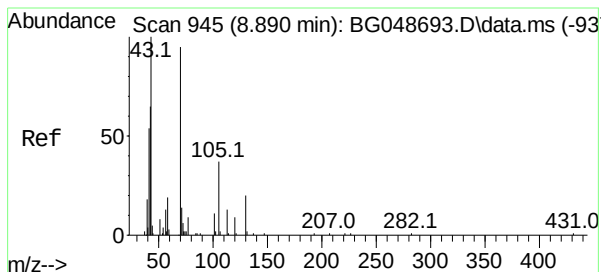
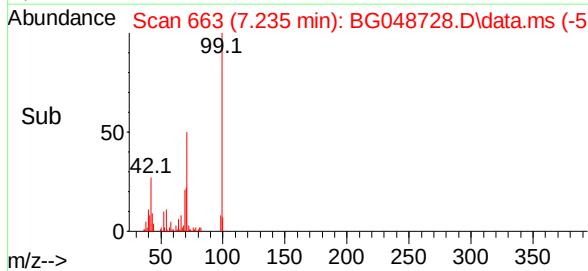
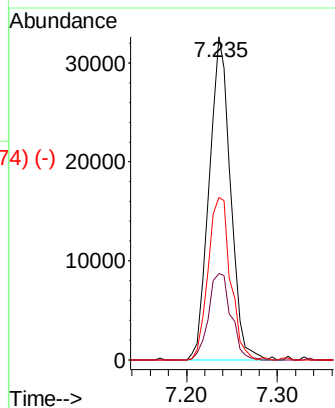
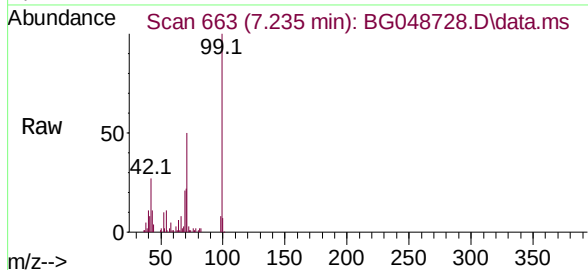




Phenol-d6
 Concen: 32.08 ng
 RT: 7.235 min Scan# 663
 Delta R.T. -0.004 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

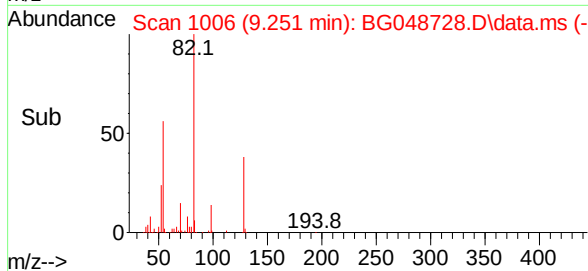
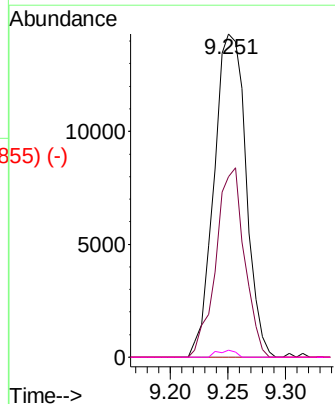
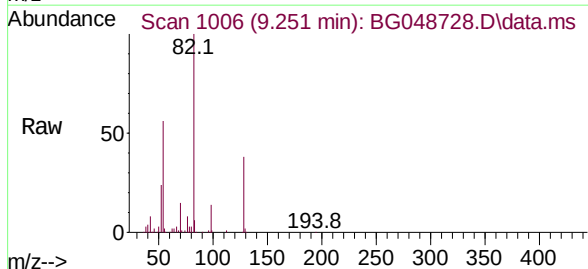
Instrument :
 BNA_G
 ClientSampled :
 GMW-5

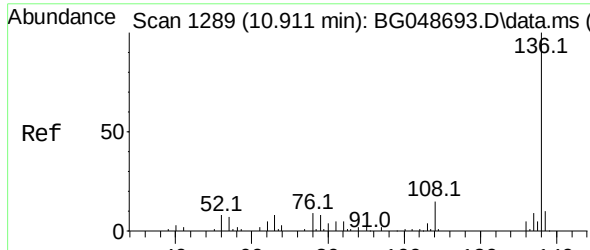
Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.5	30.7
71	50.3	41.5	62.3



n-Nitroso-di-n-propylamine
 Concen: 24.64 ng
 RT: 9.251 min Scan# 1006
 Delta R.T. 0.360 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.9	54.5	81.7
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#

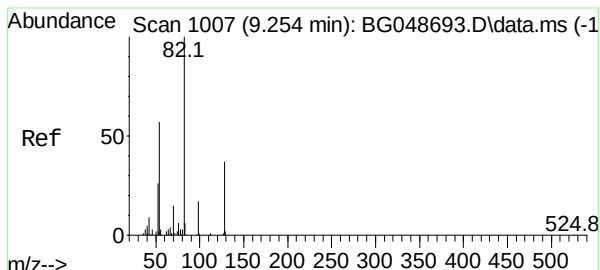
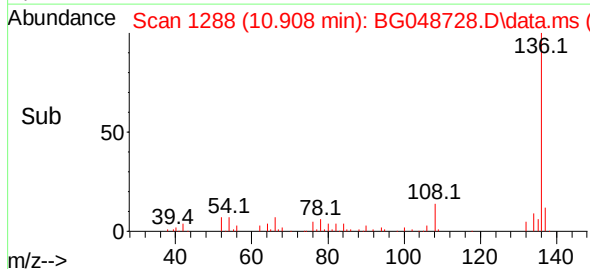
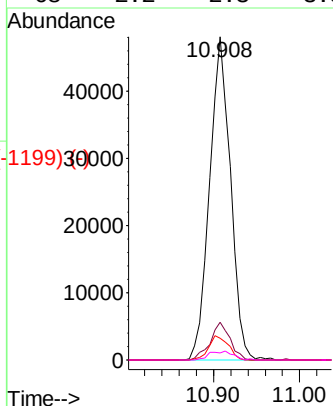
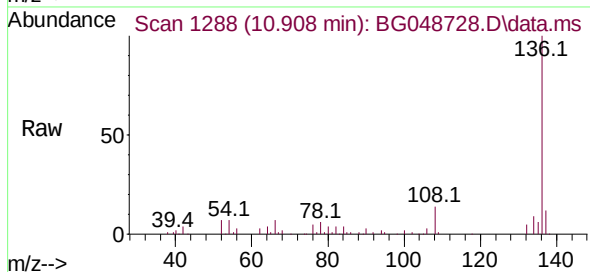




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.908 min Scan# 1288
 Delta R.T. -0.004 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

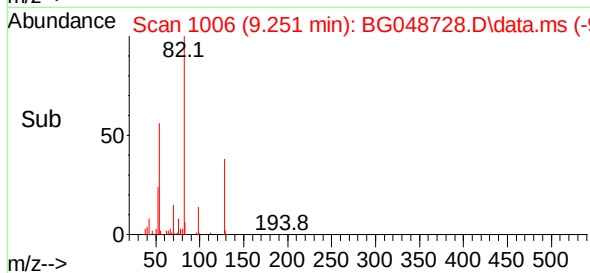
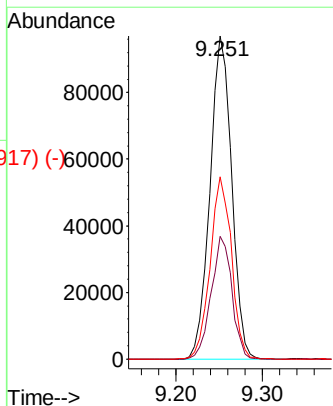
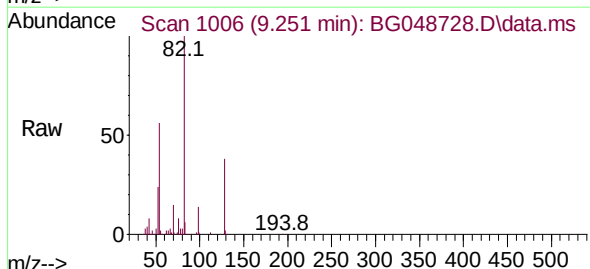
Instrument :
 BNA_G
 ClientSampleID :
 GMW-5

Tgt Ion:	136	Resp:	81018
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	6.6	5.5	8.3
68	2.2	2.3	3.5#



Nitrobenzene-d5
 Concen: 93.67 ng
 RT: 9.251 min Scan# 1006
 Delta R.T. -0.004 min
 Lab File: BG048728.D
 Acq: 16 Apr 2021 17:24

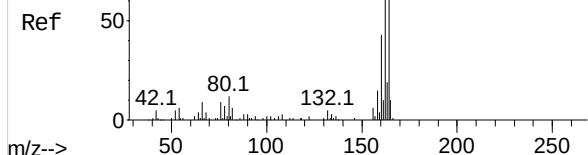
Tgt Ion:	82	Resp:	169511
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.8	44.6
54	56.3	45.8	68.8



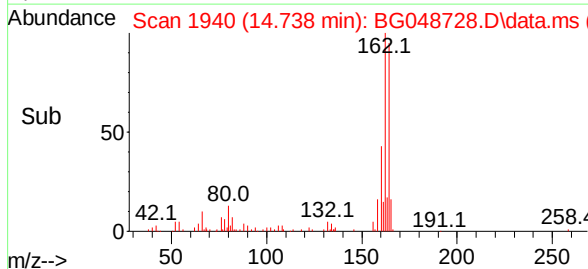
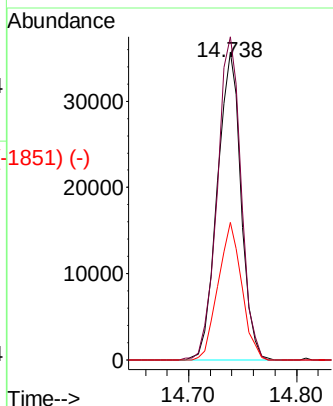
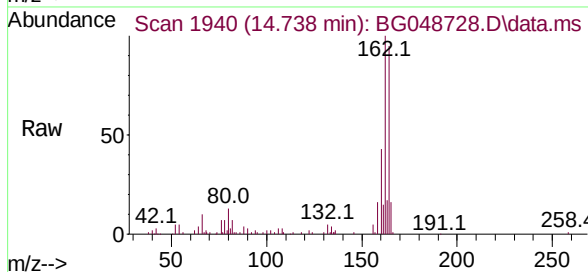
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1839) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampled :
GMW-5

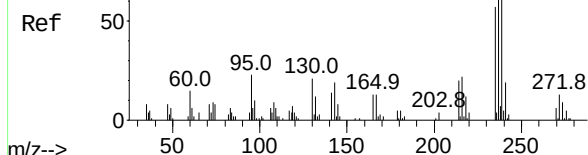


Tgt Ion:	164	Resp:	54858
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.4	122.0
160	44.8	34.9	52.3

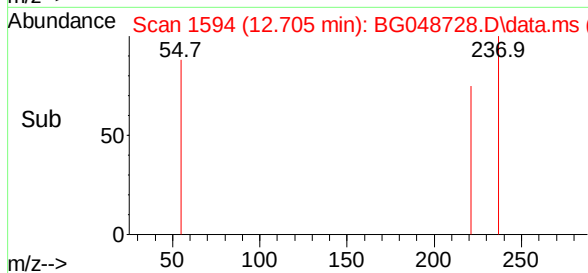
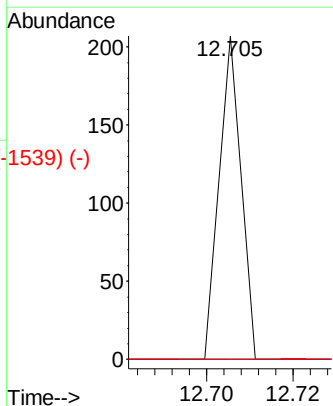
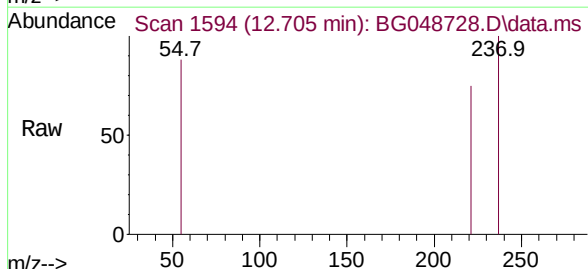


Abundance Scan 1629 (12.908 min): BG048693.D\data.ms (-1641) (-)

Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.705 min Scan# 1594
Delta R.T. -0.204 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24



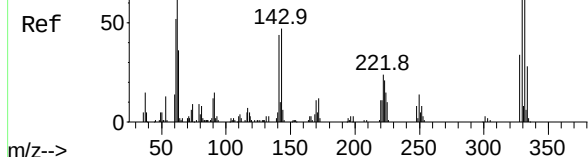
Tgt Ion:	237	Resp:	73
Ion Ratio	Lower	Upper	
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



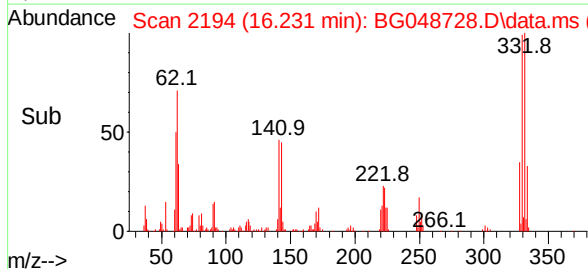
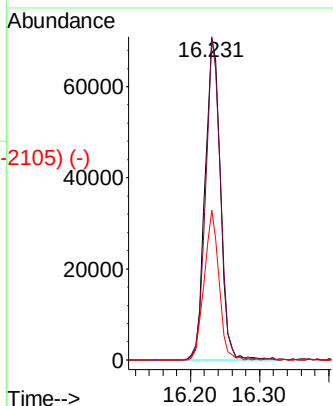
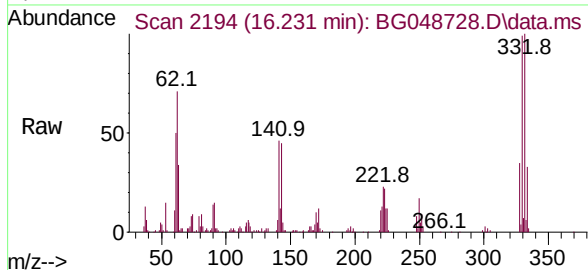
Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-1642) (-)

2,4,6-Tribromophenol
Concen: 147.34 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampled :
GMW-5

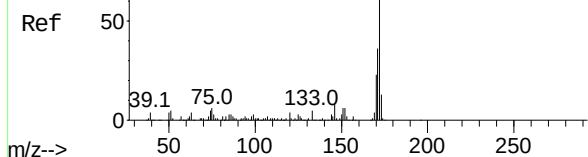


Tgt Ion:	330	Resp:	108376
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	44.6	35.6	53.4

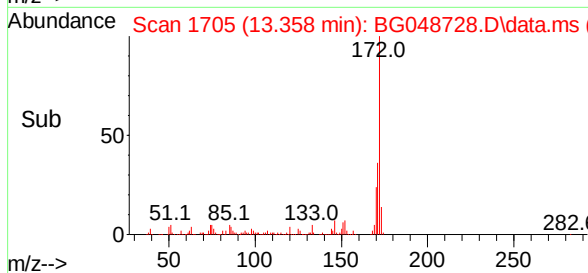
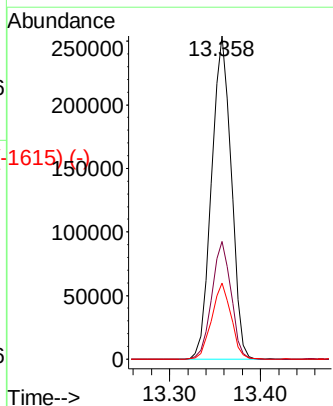
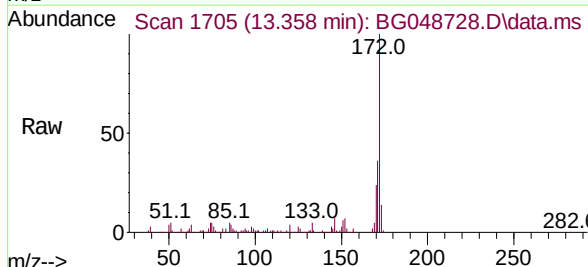


Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1645) (-)

2-Fluorobiphenyl
Concen: 100.75 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24



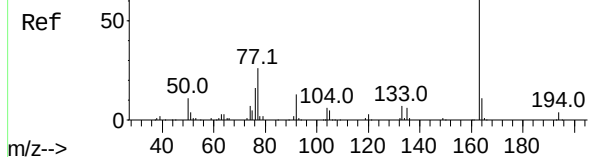
Tgt Ion:	172	Resp:	382715
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.6	18.6	27.8



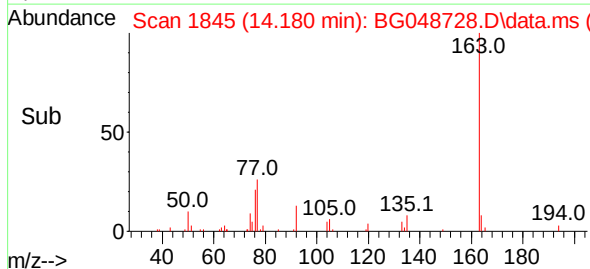
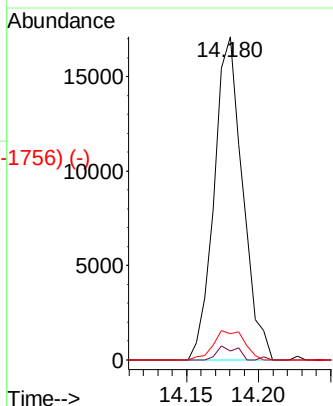
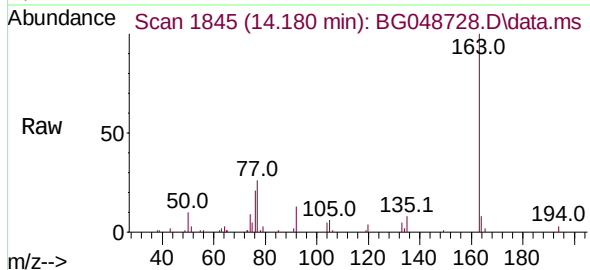
Abundance Scan 1846 (14.183 min): BG048693.D\data.ms (-1756) (-)

Dimethylphthalate
Concen: 5.70 ng
RT: 14.180 min Scan# 1845
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampleId :
GMW-5

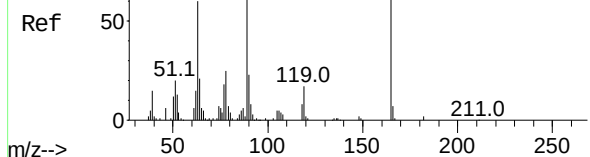


Tgt Ion:	163	Resp:	23463
Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.6#
164	8.1	8.6	12.8#

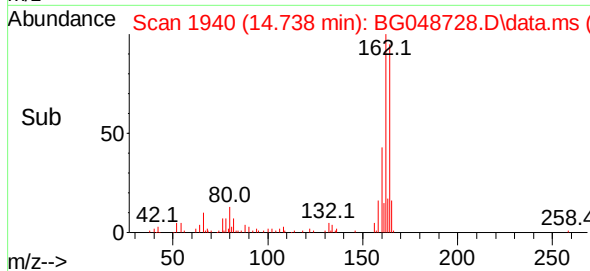
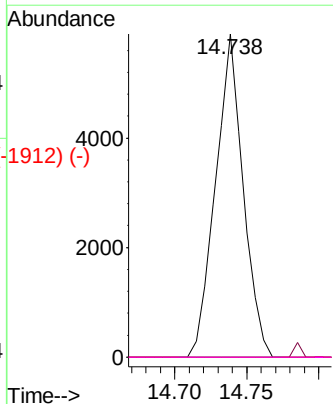
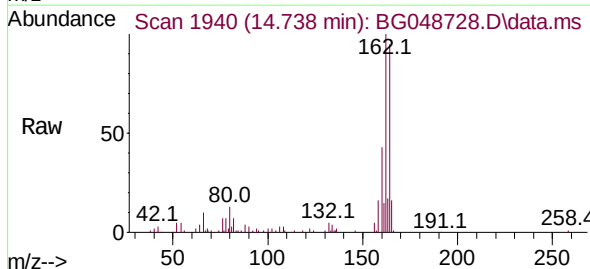


Abundance Scan 2002 (15.100 min): BG048693.D\data.ms (-1957) (-)

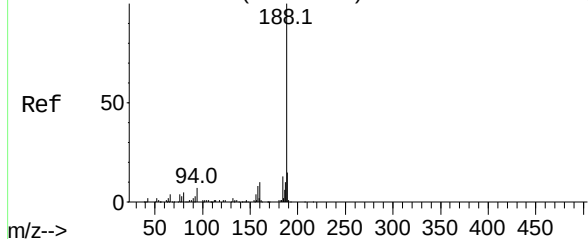
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.363 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24



Tgt Ion:	165	Resp:	7852
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#



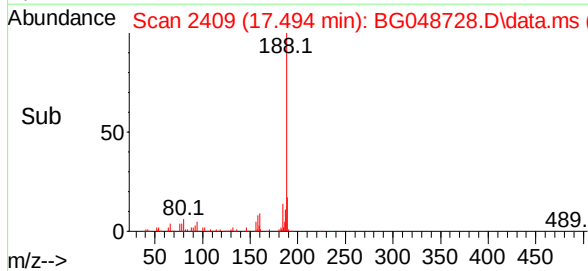
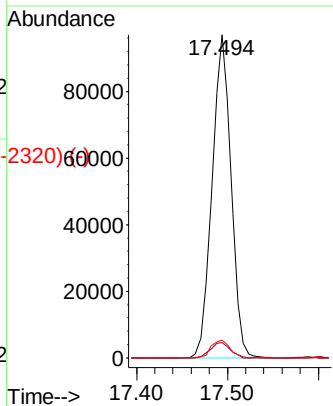
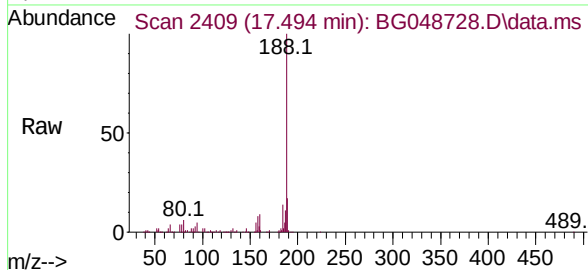
Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2402) (-)



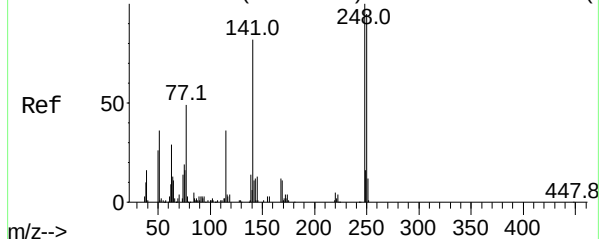
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampled :
GMW-5

Tgt Ion:	188	Resp:	140408
Ion Ratio	Lower	Upper	
188	100		
94	4.7	5.4	8.0#
80	5.6	3.7	5.5#

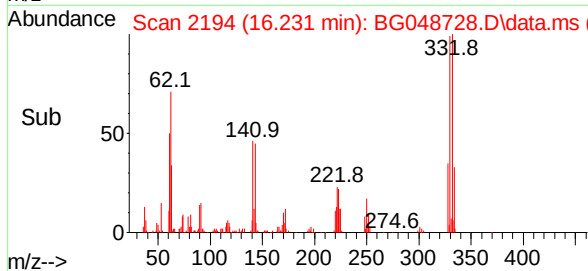
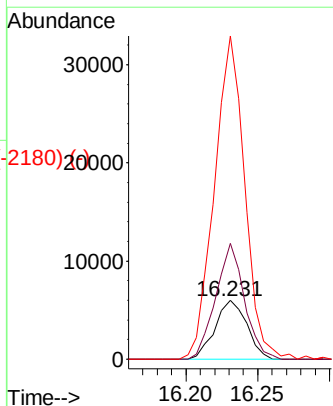
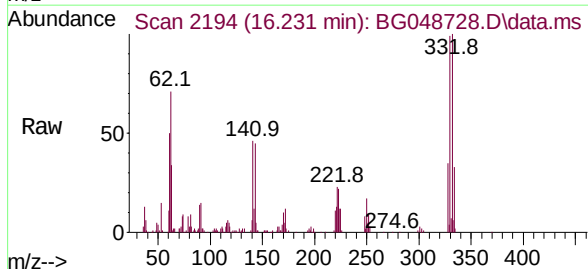


Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-2267) (-)

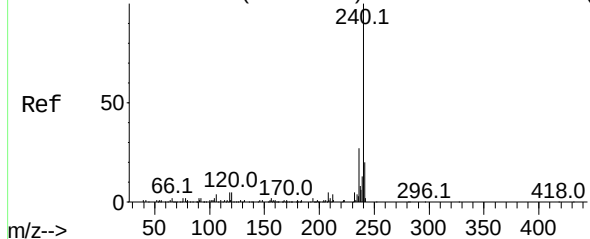


4-Bromophenyl-phenylether
Concen: 5.66 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.445 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Tgt Ion:	248	Resp:	9150
Ion Ratio	Lower	Upper	
248	100		
250	198.0	76.1	114.1#
141	551.2	65.4	98.2#



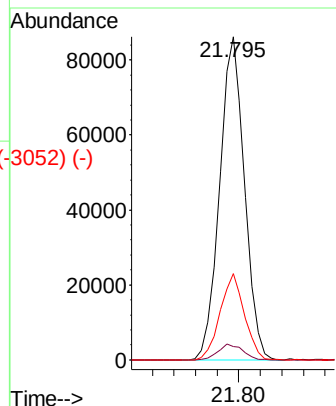
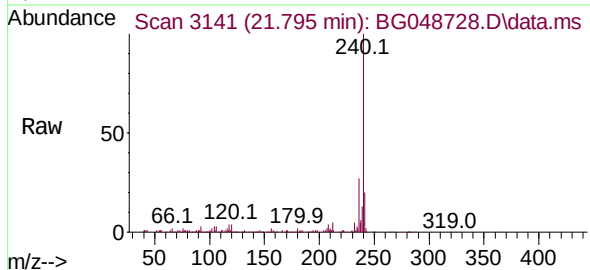
Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-3174) (-)



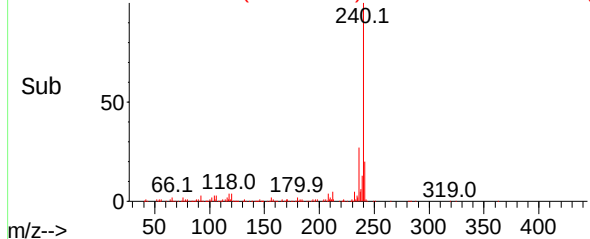
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampleId :
GMW-5

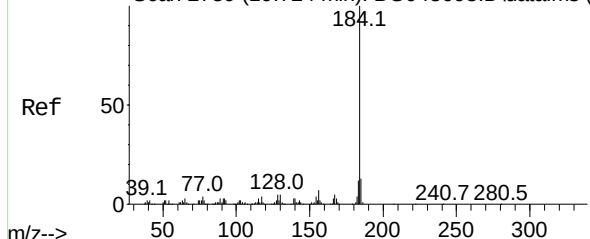
Tgt Ion:	240	Resp:	138438
Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.2	6.2#
236	26.8	21.8	32.6



Abundance Scan 3141 (21.795 min): BG048728.D\data.ms (-3052) (-)

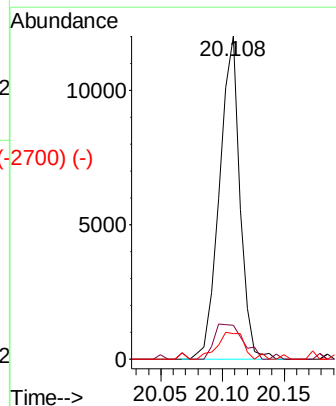
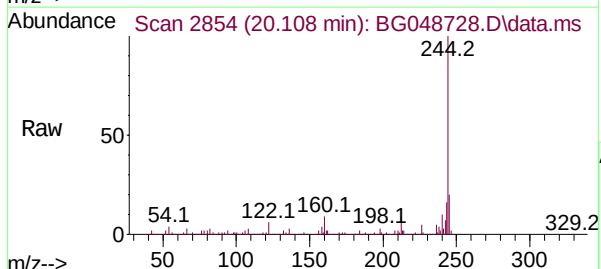


Abundance Scan 2789 (19.724 min): BG048693.D\data.ms (-2771) (-)

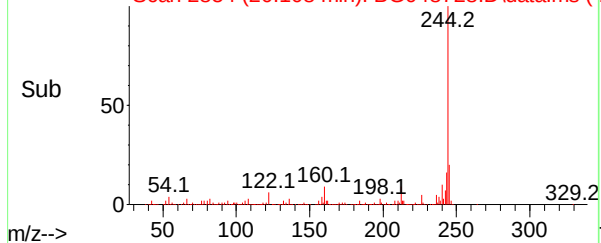


Benzidine
Concen: 3.69 ng
RT: 20.108 min Scan# 2854
Delta R.T. 0.377 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

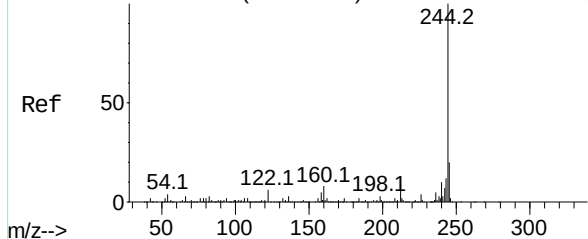
Tgt Ion:	184	Resp:	13878
Ion	Ratio	Lower	Upper
184	100		
185	10.4	10.7	16.1#
183	7.8	9.4	14.0#



Abundance Scan 2854 (20.108 min): BG048728.D\data.ms (-2700) (-)



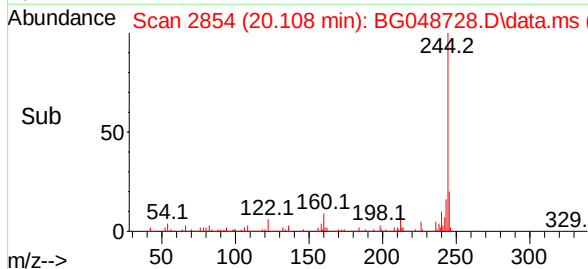
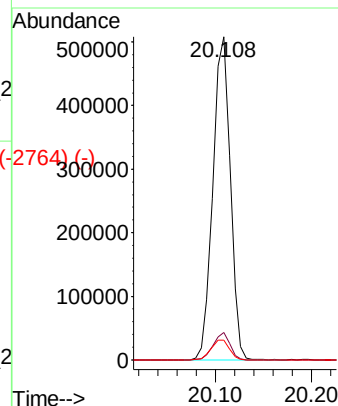
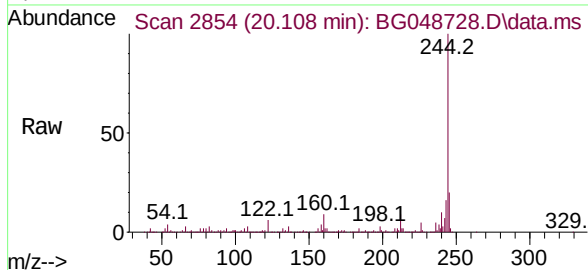
Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-2679) (-)



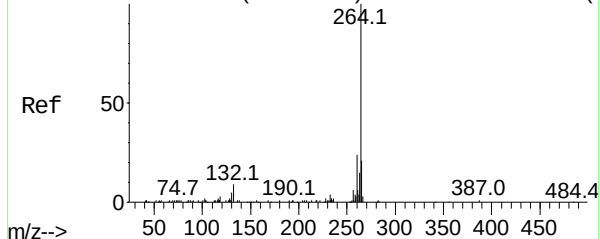
Terphenyl-d14
Concen: 78.99 ng
RT: 20.108 min Scan# 2854
Delta R.T. 0.001 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Instrument :
BNA_G
ClientSampled :
GMW-5

Tgt Ion:	244	Resp:	635370
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.9	10.3
122	6.0	5.0	7.6



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



Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3710
Delta R.T. -0.004 min
Lab File: BG048728.D
Acq: 16 Apr 2021 17:24

Tgt Ion:	264	Resp:	133664
Ion Ratio	Lower	Upper	
264	100		
260	19.9	19.4	29.2
265	18.7	16.9	25.3

