

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048796.D
 Acq On : 20 Apr 2021 16:02
 Operator : CG/JU
 Sample : PB135822BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135822BL

Quant Time: Apr 20 17:36:42 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)

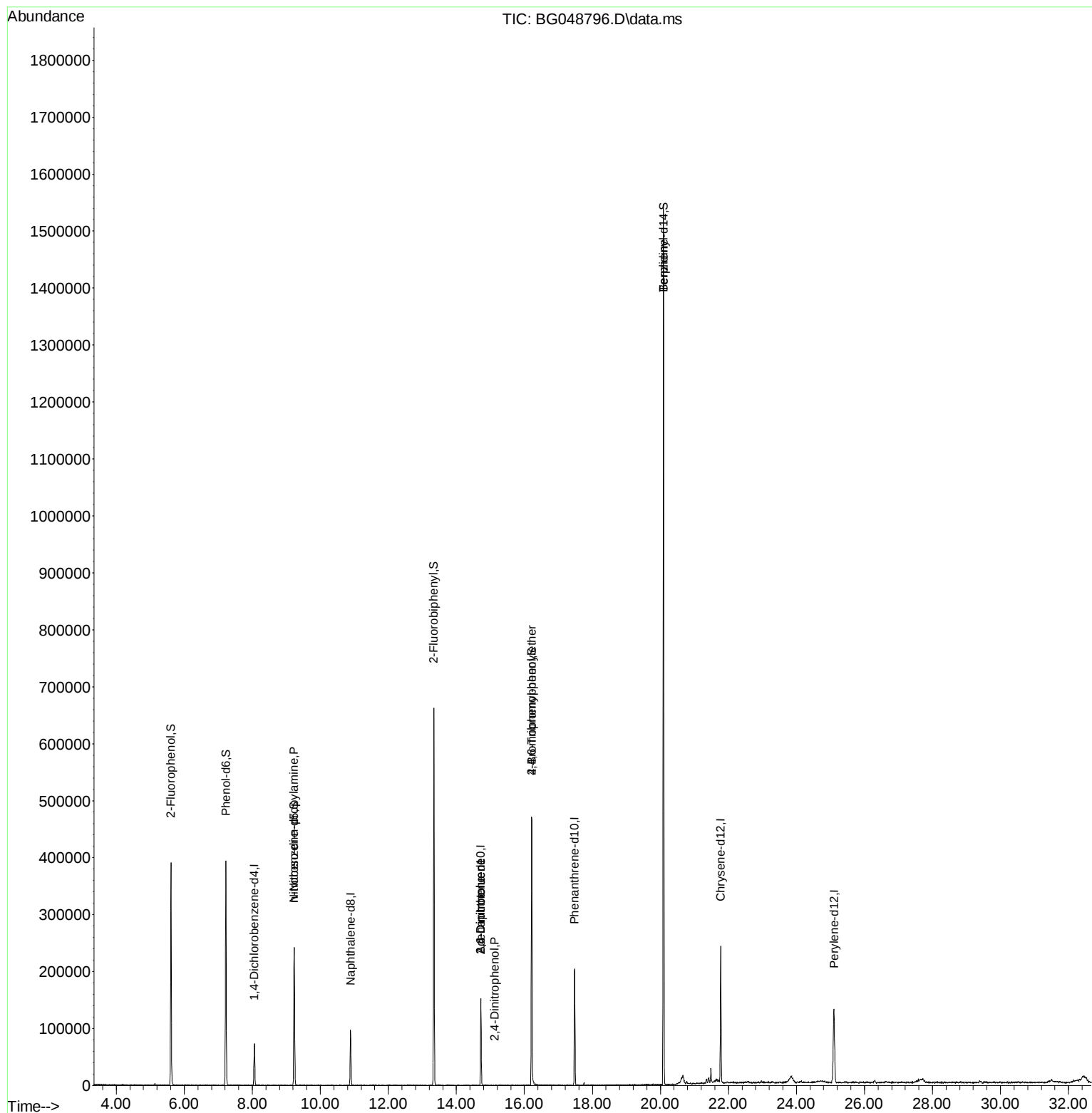
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	18567	20.00	ng	# 0.00
21) Naphthalene-d8	10.888	136	72507	20.00	ng	# 0.00
39) Acenaphthene-d10	14.719	164	50467	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	131936	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	143765	20.00	ng	0.00
86) Perylene-d12	25.107	264	135847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	146719	132.16	ng	0.00
7) Phenol-d6	7.222	99	189900	120.94	ng	0.00
23) Nitrobenzene-d5	9.231	82	138842	85.73	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	80415	118.84	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	313269	89.64	ng	0.00
79) Terphenyl-d14	20.089	244	664797	79.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	23671	22.34	ng	# 72
51) 2,6-Dinitrotoluene	14.719	165	7457	8.54	ng	# 10
54) 2,4-Dinitrophenol	15.125	184	54	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.719	165	7457	5.88	ng	# 15
67) 4-Bromophenyl-phenylether	16.217	248	5400	3.56	ng	# 1
77) Benzidine	20.089	184	13086	3.35	ng	# 91

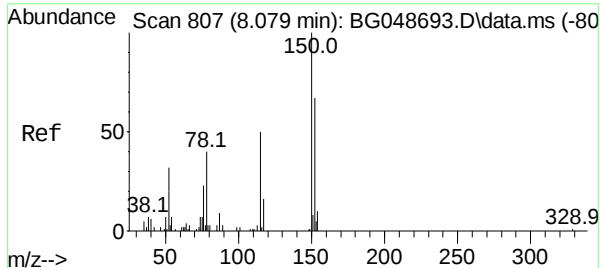
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

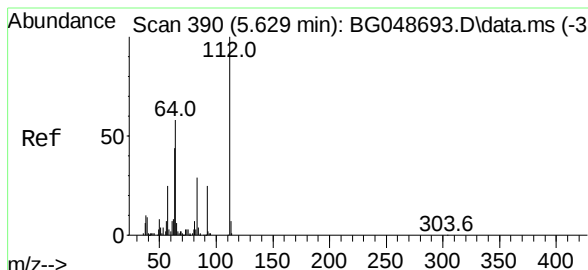
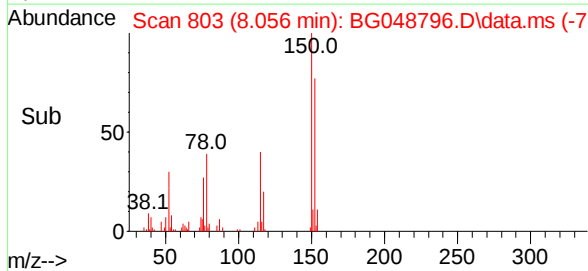
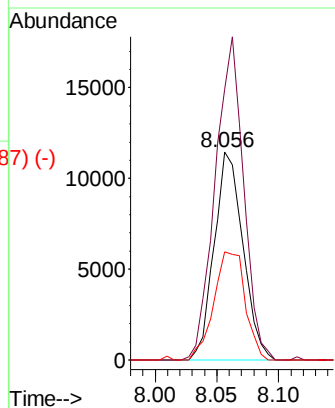
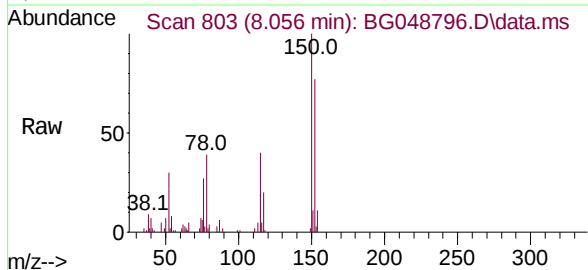




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

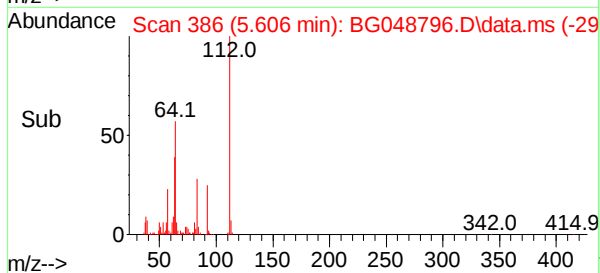
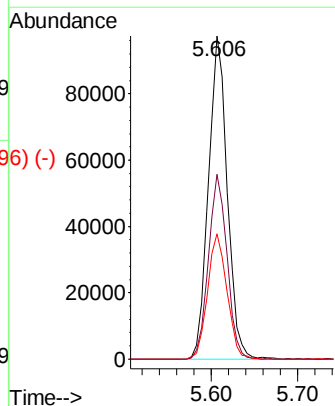
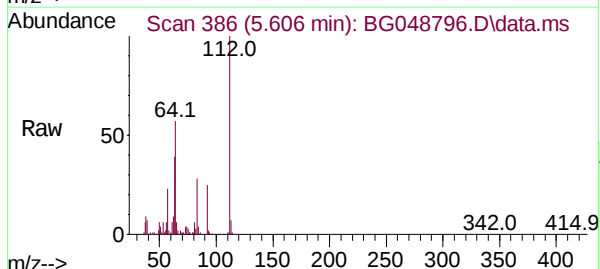
Instrument :
BNA_G
ClientSampleID :
PB135822BL

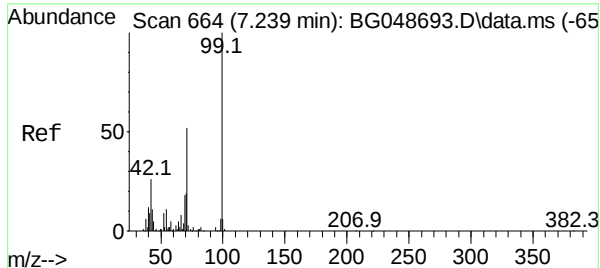
Tgt Ion:152 Resp: 18567
Ion Ratio Lower Upper
152 100
150 130.0 119.4 179.0
115 52.0 60.2 90.4#



2-Fluorophenol
Concen: 132.16 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.001 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Tgt Ion:112 Resp: 146719
Ion Ratio Lower Upper
112 100
64 57.2 46.7 70.1
63 38.9 35.3 52.9

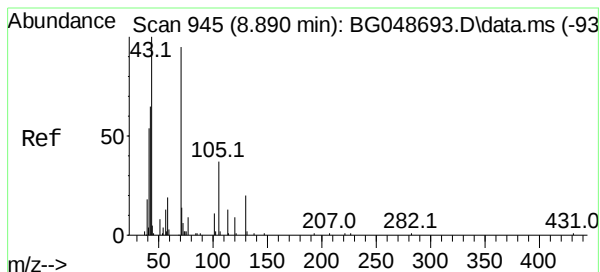
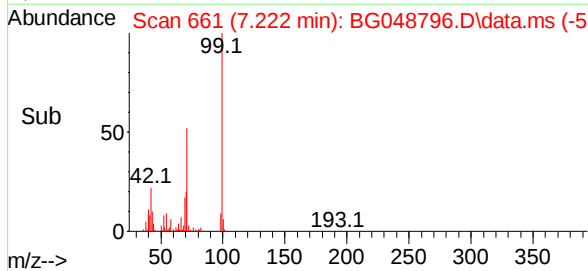
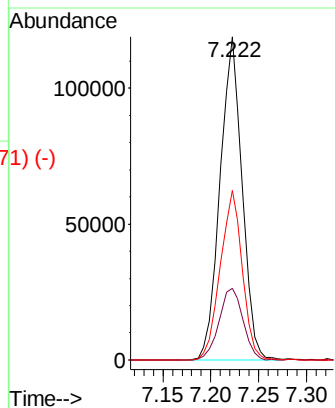
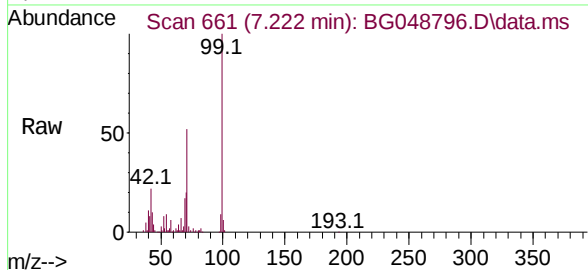




Phenol-d6
 Concen: 120.94 ng
 RT: 7.222 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BG048796.D
 Acq: 20 Apr 2021 16:02

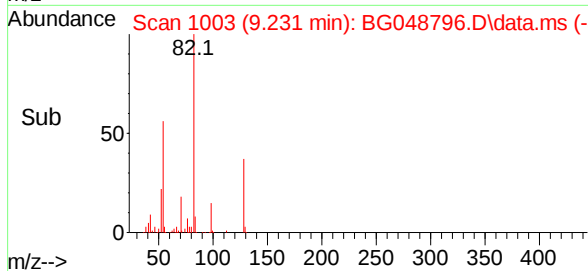
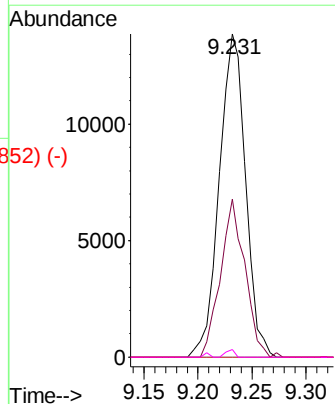
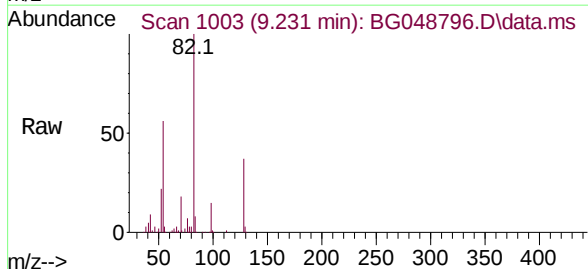
Instrument :
 BNA_G
 ClientSampleId :
 PB135822BL

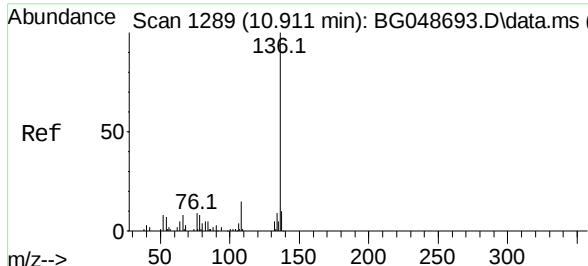
Tgt Ion:	99	Resp:	189900
Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	52.4	41.5	62.3



n-Nitroso-di-n-propylamine
 Concen: 22.34 ng
 RT: 9.231 min Scan# 1003
 Delta R.T. 0.359 min
 Lab File: BG048796.D
 Acq: 20 Apr 2021 16:02

Tgt Ion:	70	Resp:	23671
Ion	Ratio	Lower	Upper
70	100		
42	48.9	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	17.0	25.6#

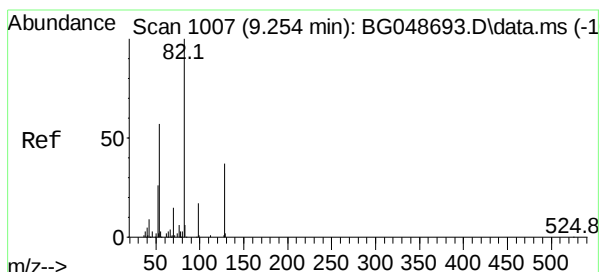
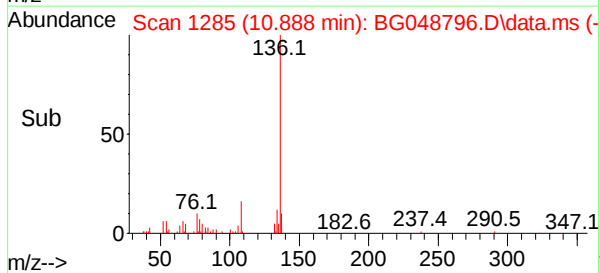
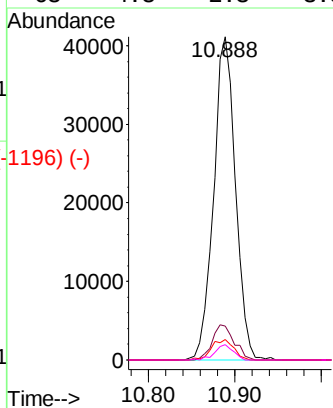
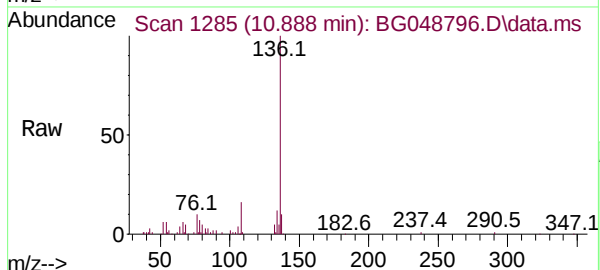




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.888 min Scan# 1285
 Delta R.T. -0.005 min
 Lab File: BG048796.D
 Acq: 20 Apr 2021 16:02

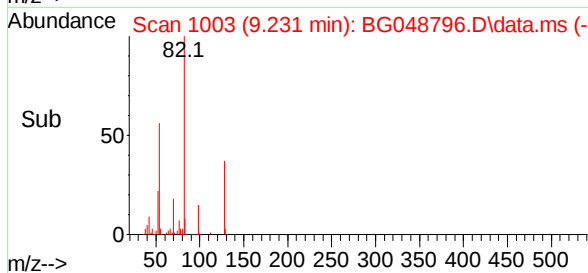
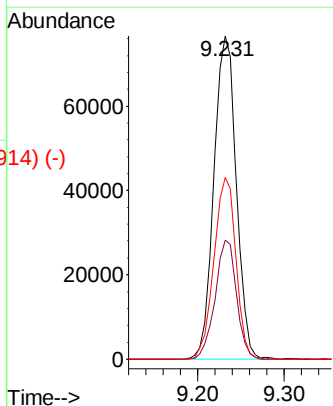
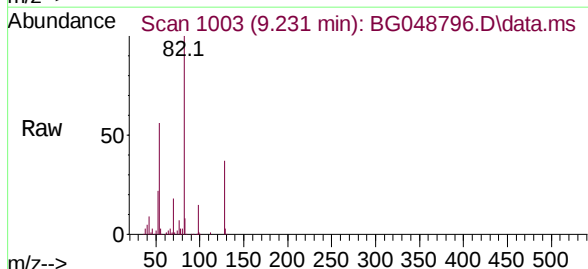
Instrument :
 BNA_G
 ClientSampleID :
 PB135822BL

Tgt Ion:	136	Resp:	72507
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	6.3	5.5	8.3
68	4.8	2.3	3.5#



Nitrobenzene-d5
 Concen: 85.73 ng
 RT: 9.231 min Scan# 1003
 Delta R.T. -0.005 min
 Lab File: BG048796.D
 Acq: 20 Apr 2021 16:02

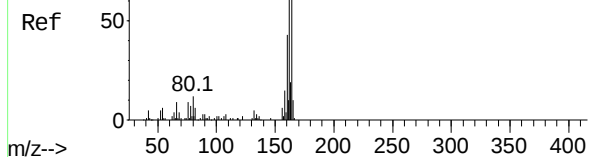
Tgt Ion:	82	Resp:	138842
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	56.2	45.8	68.8



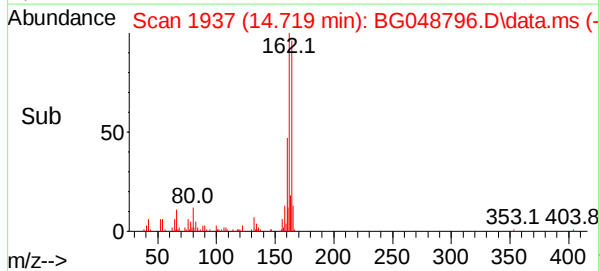
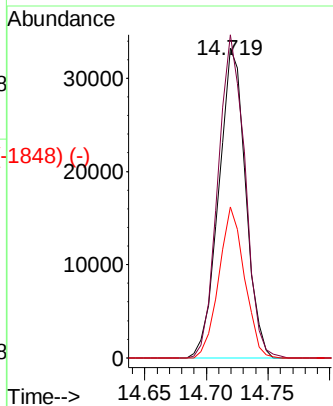
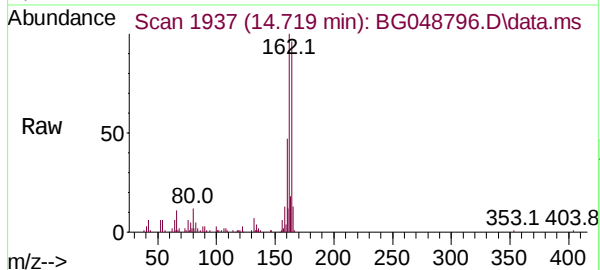
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1939) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Instrument :
BNA_G
ClientSampleId :
PB135822BL

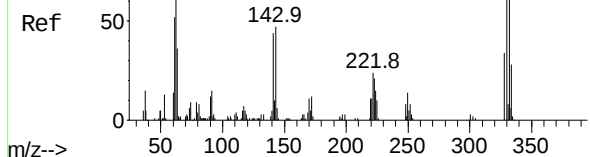


Tgt Ion:	164	Resp:	50467
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.4	122.0
160	48.7	34.9	52.3

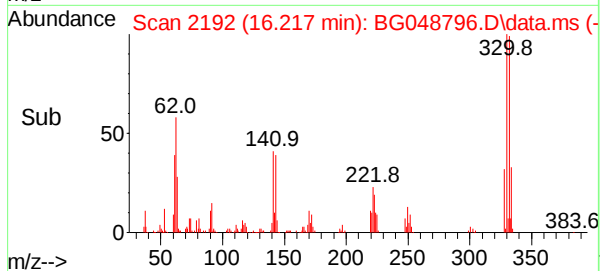
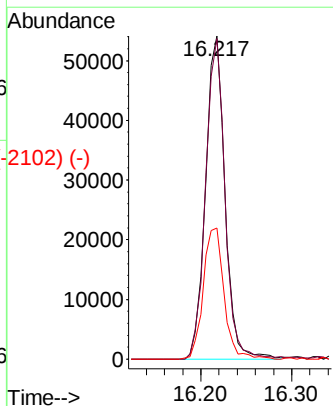
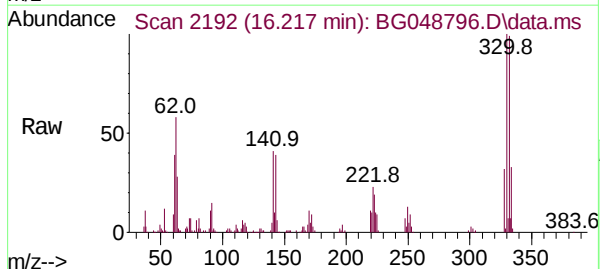


Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2192) (-)

2,4,6-Tribromophenol
Concen: 118.84 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02



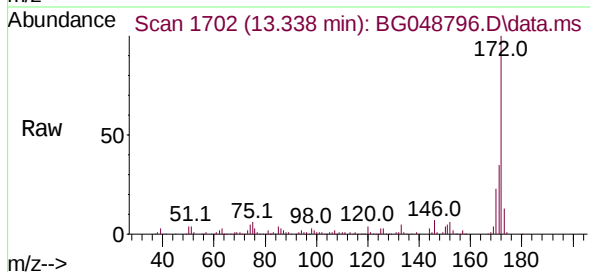
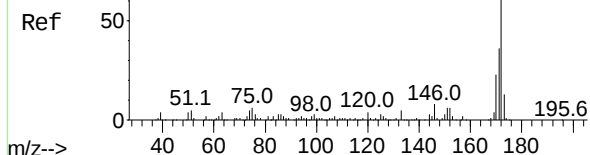
Tgt Ion:	330	Resp:	80415
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.3	115.9
141	43.5	35.6	53.4



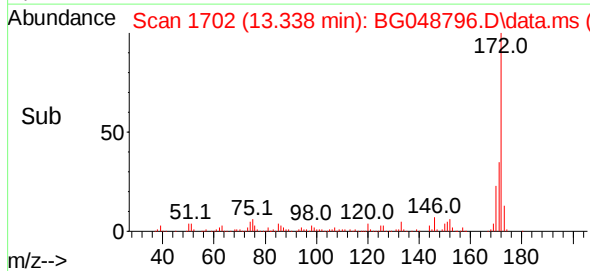
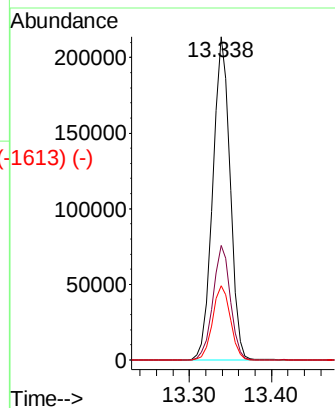
Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1695) (-)

2-Fluorobiphenyl
Concen: 89.64 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Instrument :
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ClientSampleId :
PB135822BL

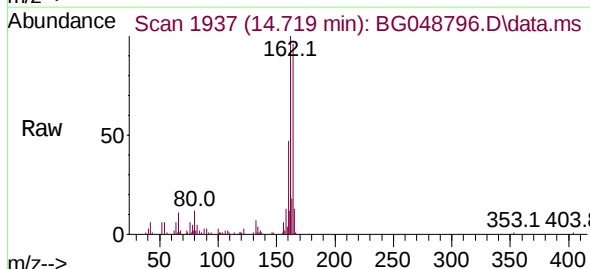
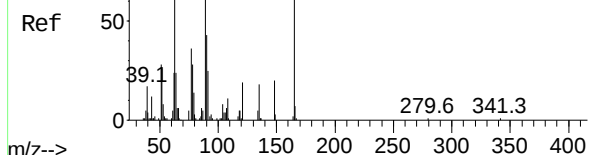


Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.0	18.6	27.8

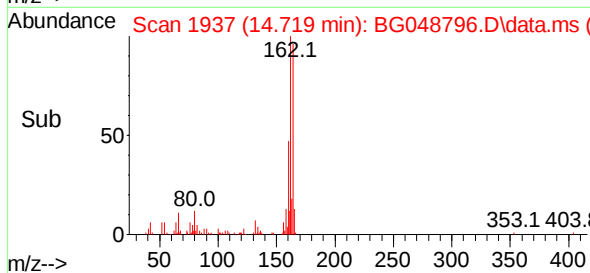
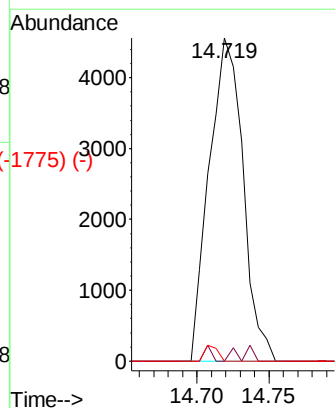


Abundance Scan 1867 (14.307 min): BG048693.D\data.ms (-1650) (-)

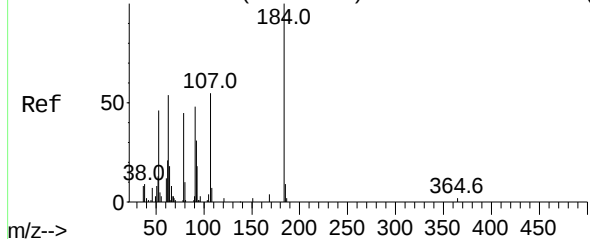
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02



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

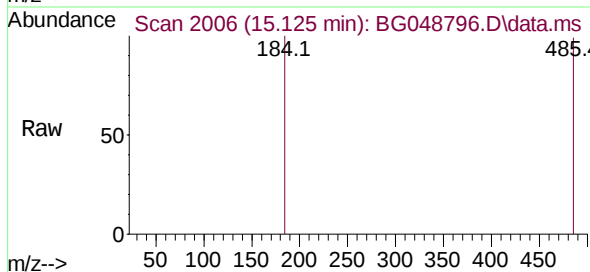


Abundance Scan 1959 (14.847 min): BG048693.D\data.ms (-1959) (-)

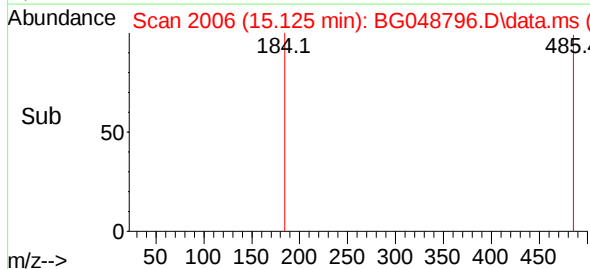
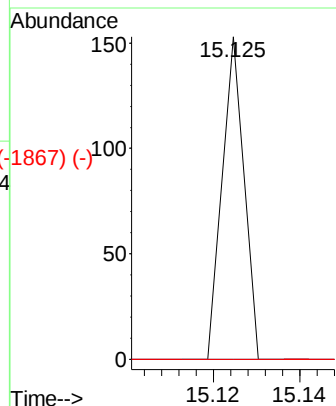


2,4-Dinitrophenol
Concen: 5.38 ng
RT: 15.125 min Scan# 2006
Delta R.T. 0.289 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

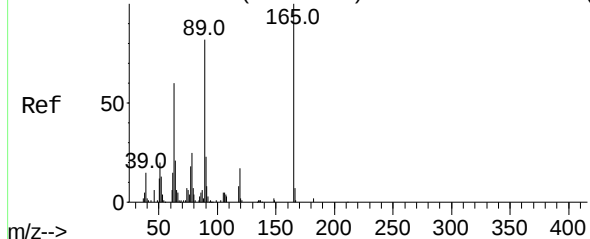
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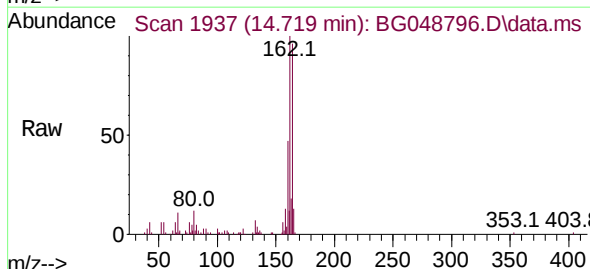
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.3	102.5#
154	0.0	62.6	93.8#



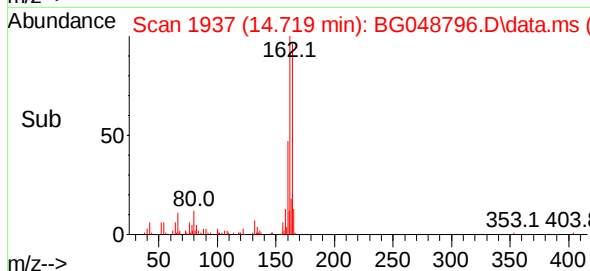
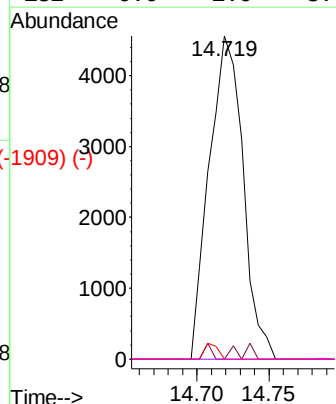
Abundance Scan 2002 (15.100 min): BG048693.D\data.ms (-1957) (-)



2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.363 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02



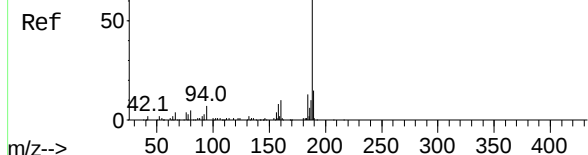
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



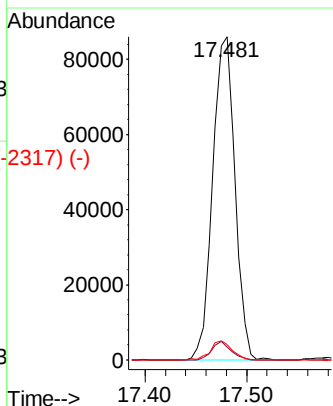
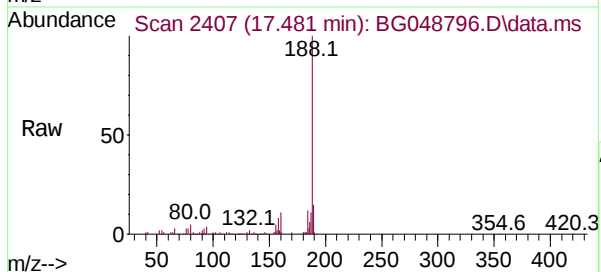
Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2402) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

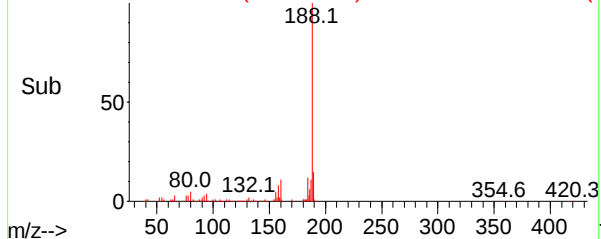
Instrument :
BNA_G
ClientSampleId :
PB135822BL



Tgt Ion:	188	Resp:	131936
Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	4.6	3.7	5.5

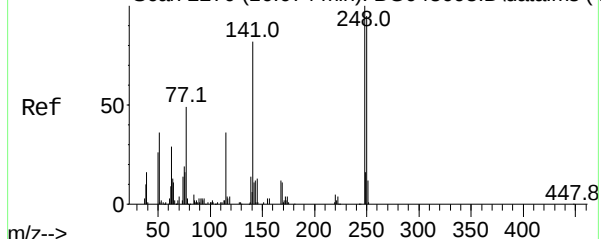


Abundance Scan 2407 (17.481 min): BG048796.D\data.ms (-2317) (-)

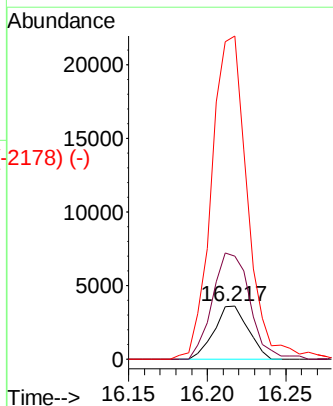
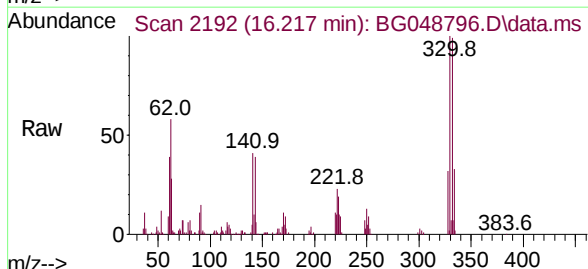


Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-2267) (-)

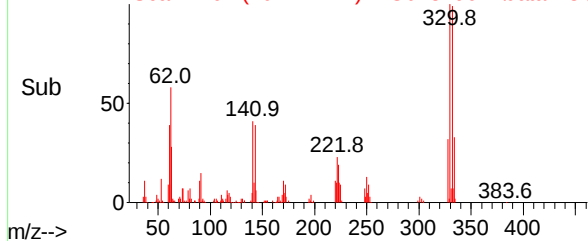
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.445 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02



Tgt Ion:	248	Resp:	5400
Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.1	114.1#
141	606.3	65.4	98.2#



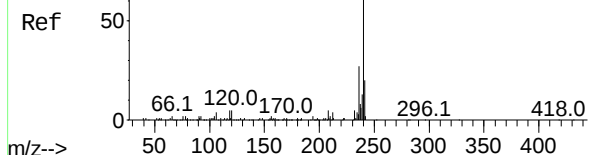
Abundance Scan 2192 (16.217 min): BG048796.D\data.ms (-2178) (-)



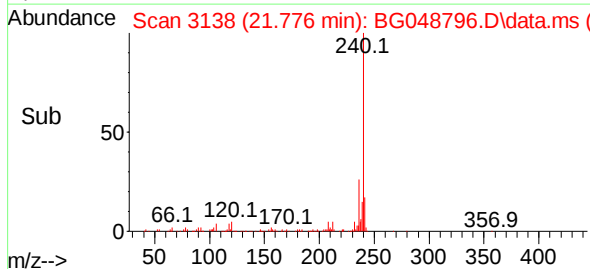
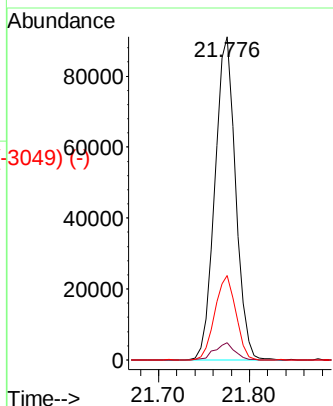
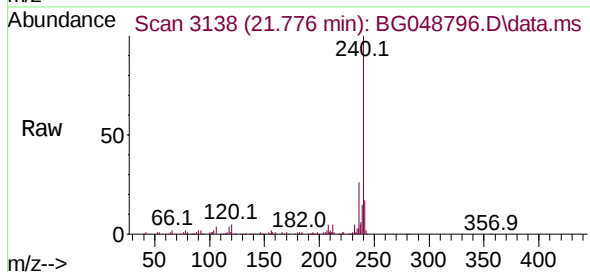
Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-3174) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Instrument :
BNA_G
ClientSampleId :
PB135822BL

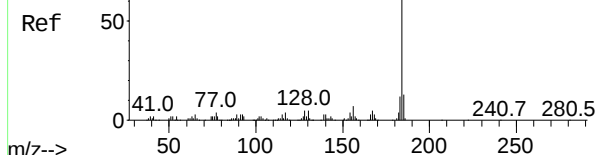


Tgt Ion:	240	Resp:	143765
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	26.2	21.8	32.6

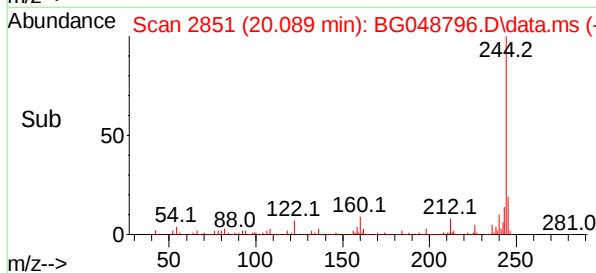
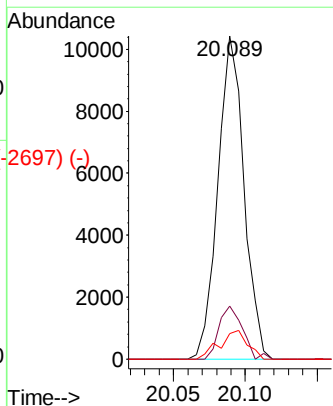
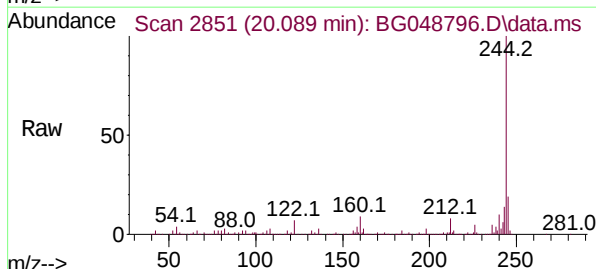


Abundance Scan 2789 (19.724 min): BG048693.D\data.ms (-2787) (-)

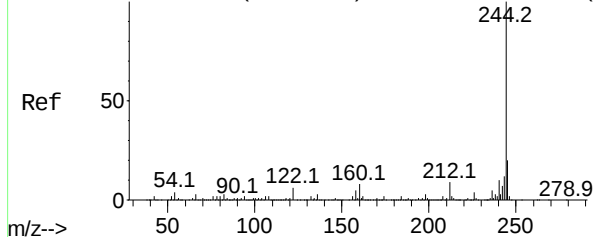
Benzidine
Concen: 3.35 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02



Tgt Ion:	184	Resp:	13086
Ion	Ratio	Lower	Upper
184	100		
185	16.4	10.7	16.1#
183	7.8	9.4	14.0#



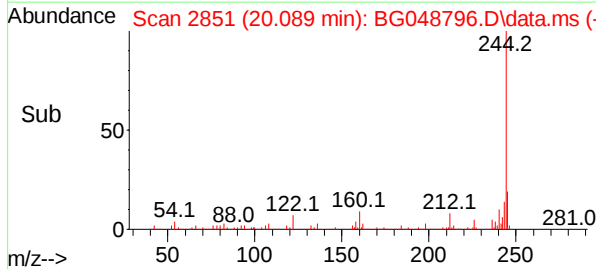
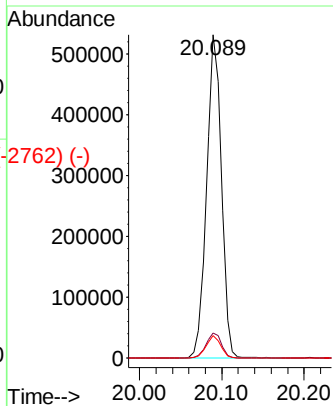
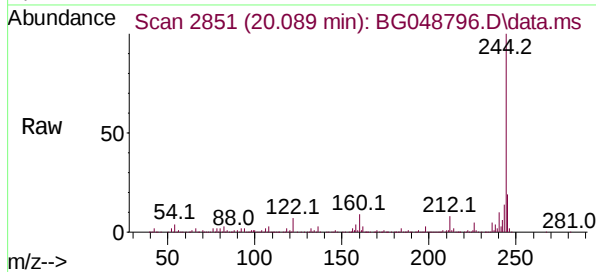
Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-2679) (-)



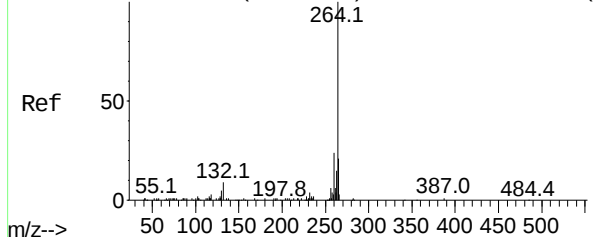
Terphenyl-d14
Concen: 79.59 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Instrument :
BNA_G
ClientSampleId :
PB135822BL

Tgt Ion:244 Resp: 664797
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.9 5.0 7.6



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



Perylene-d12
Concen: 20.00 ng
RT: 25.107 min Scan# 3705
Delta R.T. -0.005 min
Lab File: BG048796.D
Acq: 20 Apr 2021 16:02

Tgt Ion:264 Resp: 135847
Ion Ratio Lower Upper
264 100
260 20.0 19.4 29.2
265 20.2 16.9 25.3

