

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048773.D
 Acq On : 19 Apr 2021 19:37
 Operator : CG/JU
 Sample : M2075-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: Apr 20 05:25:34 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)

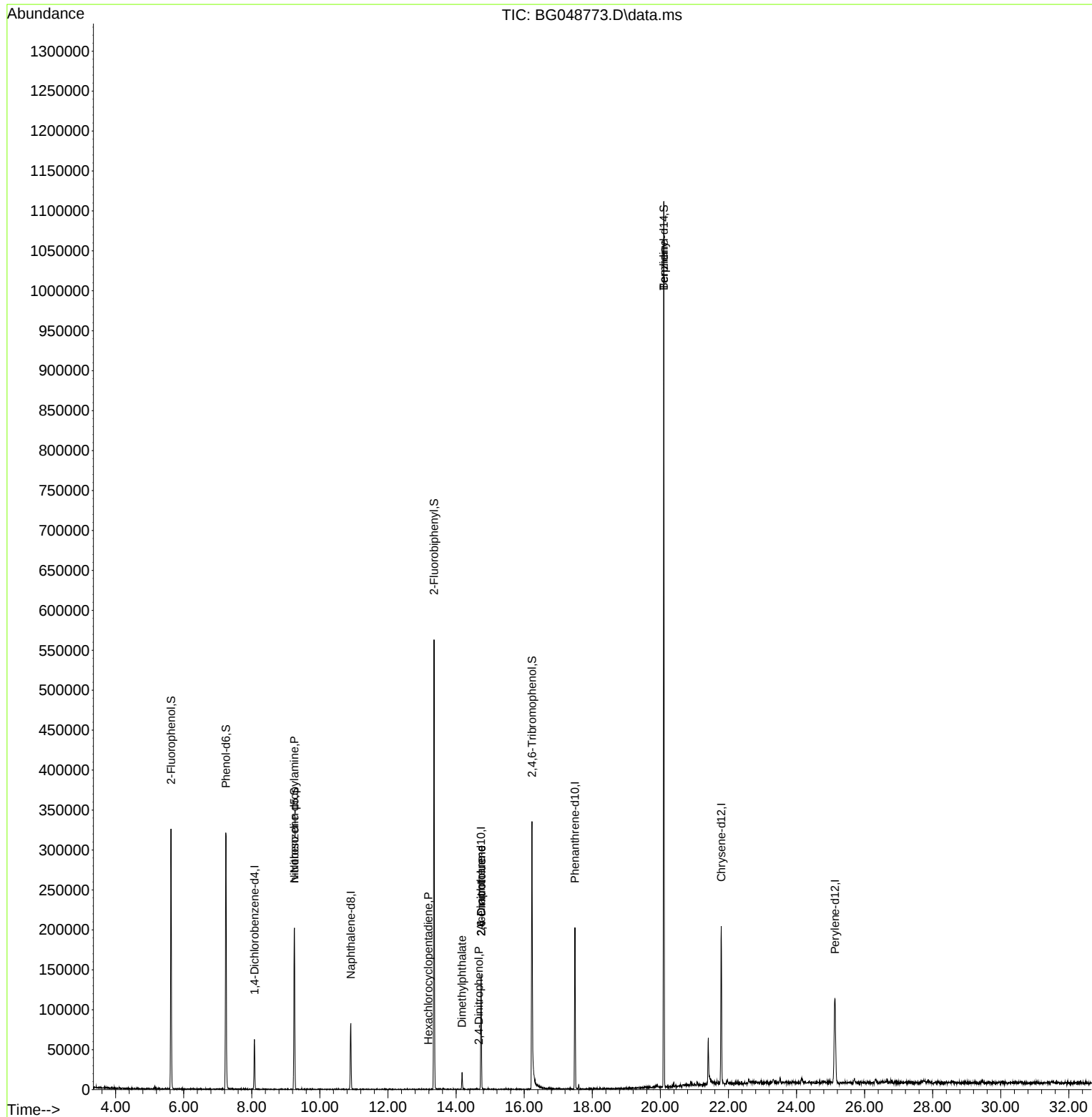
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	14205	20.00	ng	0.00
21) Naphthalene-d8	10.908	136	67710	20.00	ng	0.00
39) Acenaphthene-d10	14.733	164	48997	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	128678	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	121626	20.00	ng	0.00
86) Perylene-d12	25.127	264	118421	20.00	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	121875	143.50	ng	0.00
7) Phenol-d6	7.236	99	151291	125.93	ng	0.00
23) Nitrobenzene-d5	9.251	82	114608	75.78	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	66770	101.64	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	262672	77.42	ng	0.00
79) Terphenyl-d14	20.103	244	479416	67.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	18126	22.36	ng	# 72
41) Hexachlorocyclopentadiene	13.182	237	75	5.94	ng	# 31
50) Dimethylphthalate	14.175	163	11678	3.18	ng	# 89
51) 2,6-Dinitrotoluene	14.739	165	6659	7.85	ng	# 14
54) 2,4-Dinitrophenol	14.668	184	73	5.42	ng	# 8
57) 2,4-Dinitrotoluene	14.739	165	6659	5.41	ng	# 20
77) Benzidine	20.103	184	9788	2.96	ng	95

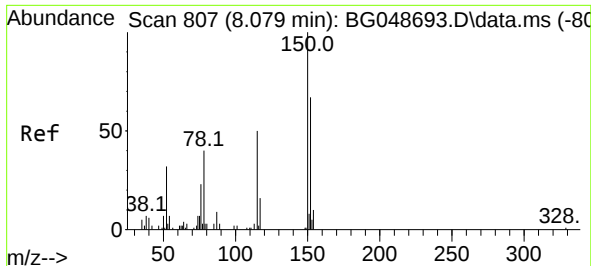
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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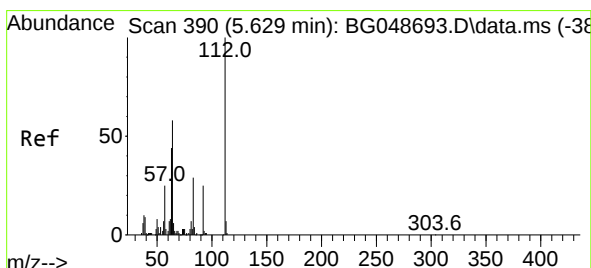
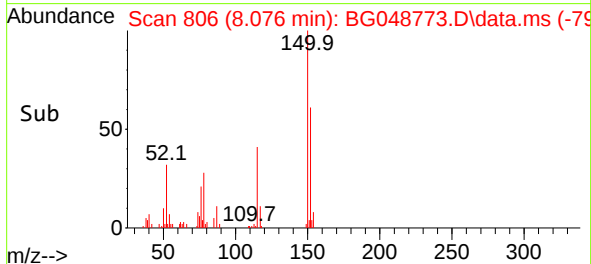
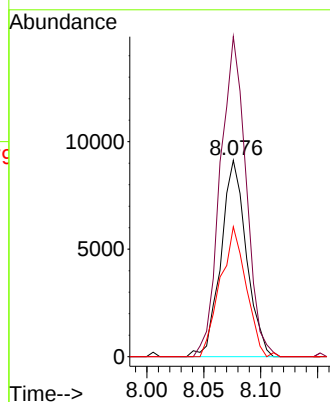
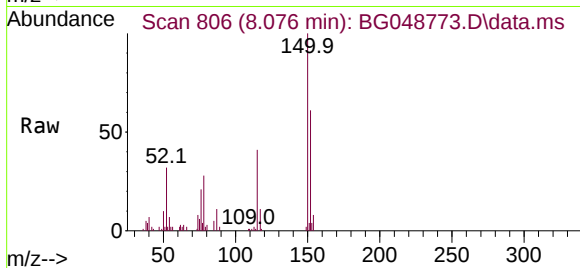




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

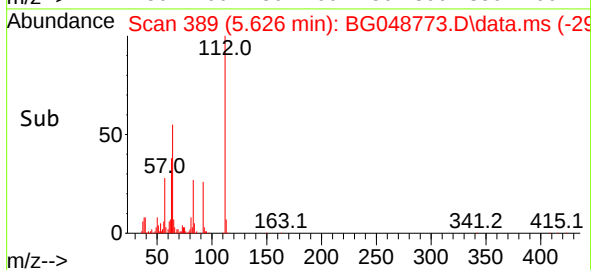
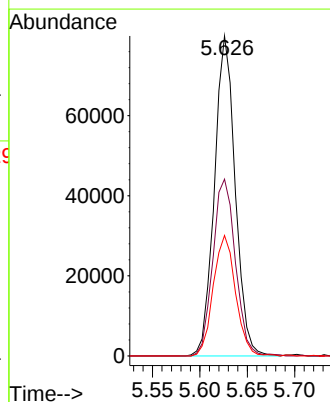
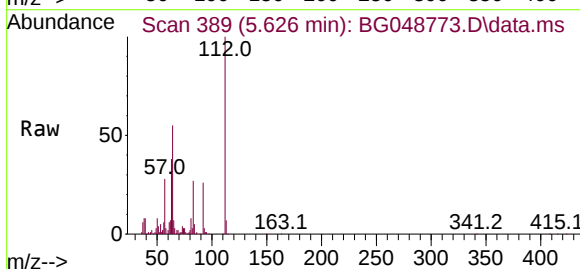
Instrument :
BNA_G
ClientSampleId :
TP-2-D

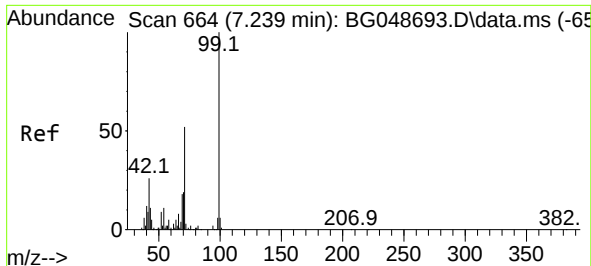
Tgt Ion:152 Resp: 14205
Ion Ratio Lower Upper
152 100
150 163.0 119.4 179.0
115 66.1 60.2 90.4



#5
2-Fluorophenol
Concen: 143.50 ng
RT: 5.626 min Scan# 389
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:112 Resp: 121875
Ion Ratio Lower Upper
112 100
64 55.3 46.7 70.1
63 37.6 35.3 52.9

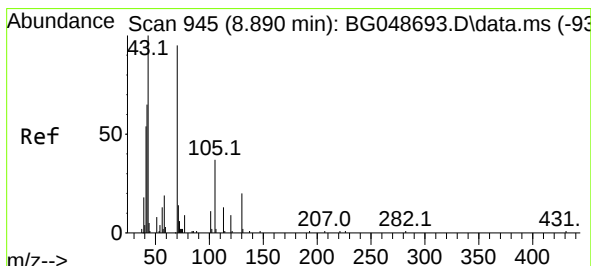
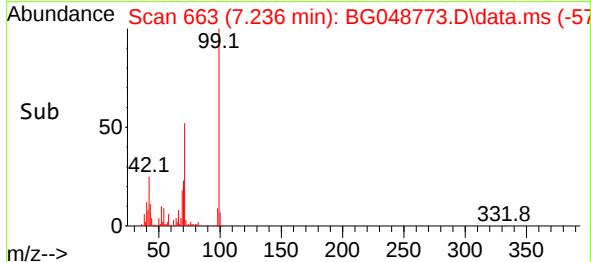
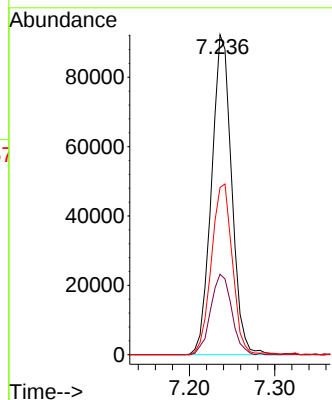
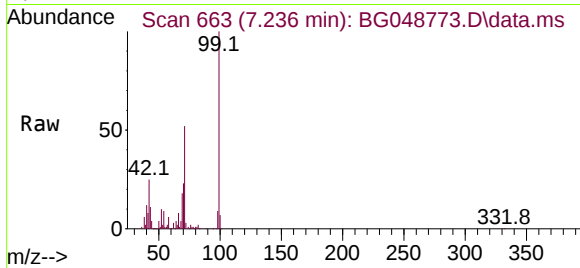




#7
Phenol-d6
Concen: 125.93 ng
RT: 7.236 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

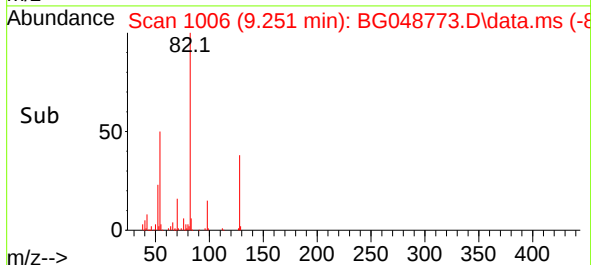
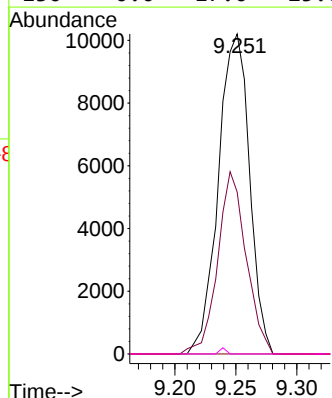
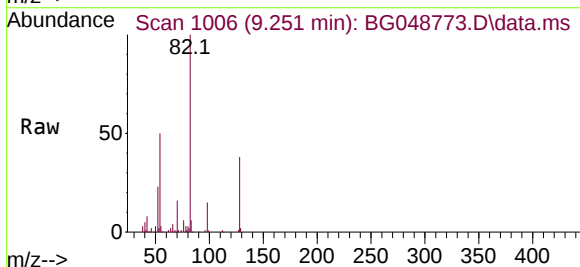
Instrument :
BNA_G
ClientSampleId :
TP-2-D

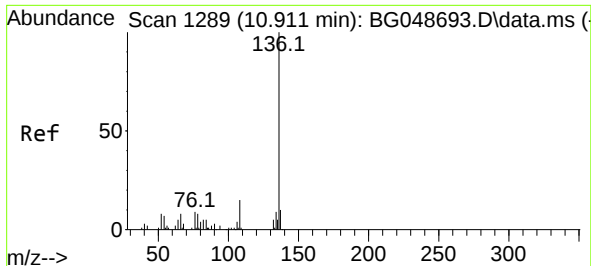
Tgt Ion: 99 Resp: 151291
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 52.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.36 ng
RT: 9.251 min Scan# 1006
Delta R.T. 0.360 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion: 70 Resp: 18126
Ion Ratio Lower Upper
70 100
42 50.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

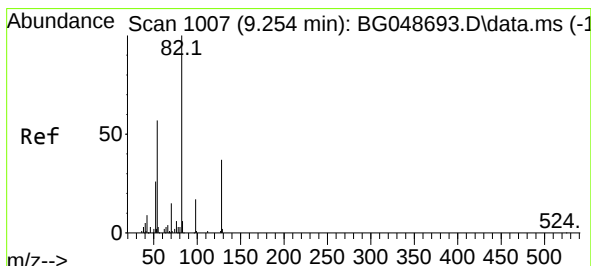
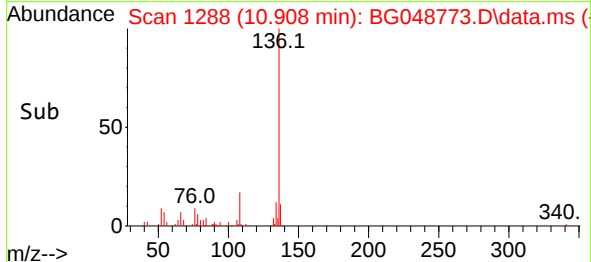
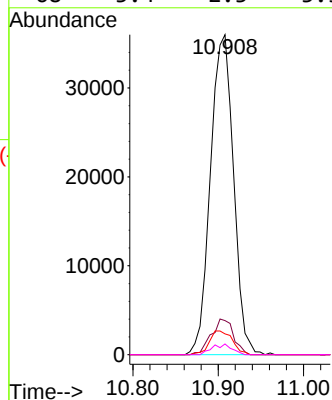
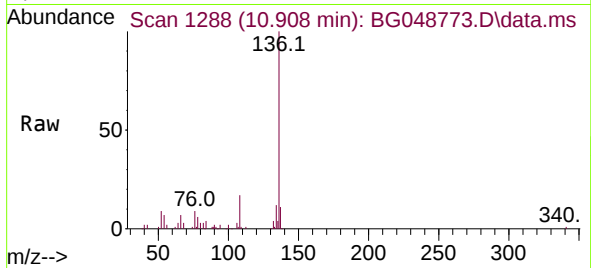




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.908 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

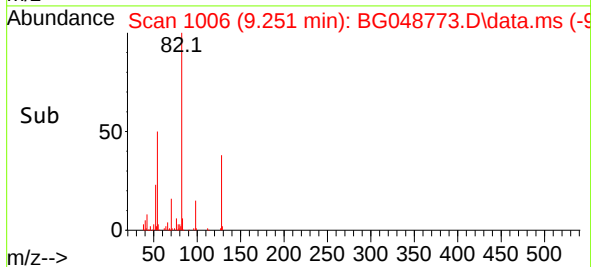
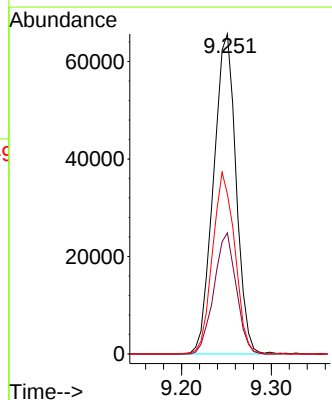
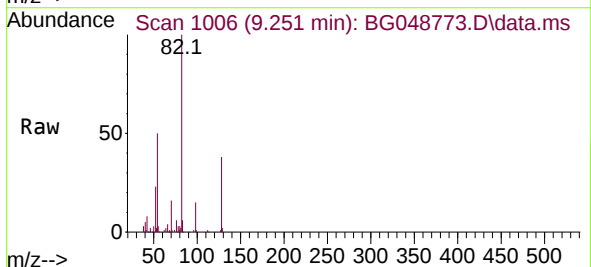
Instrument :
BNA_G
ClientSampleId :
TP-2-D

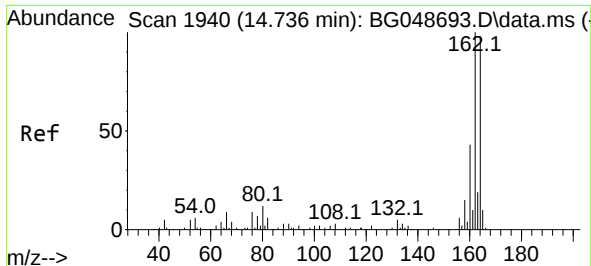
Tgt Ion:	136	Resp:	67710
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	6.5	5.5	8.3
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 75.78 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:	82	Resp:	114608
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.8	44.6
54	50.0	45.8	68.8

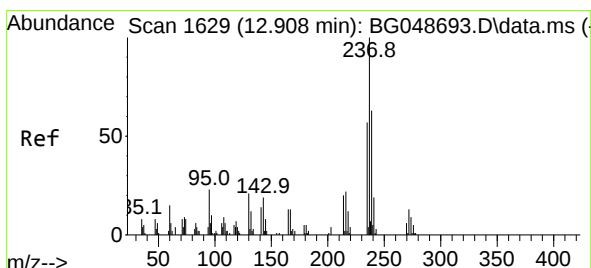
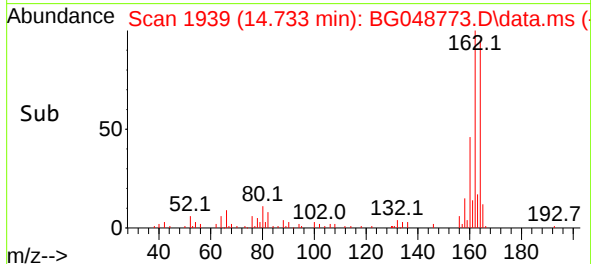
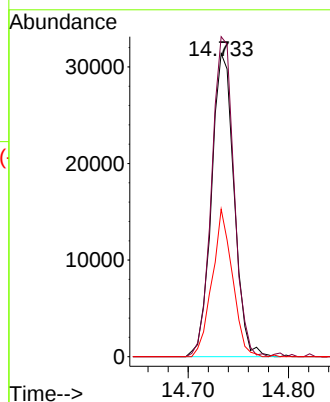
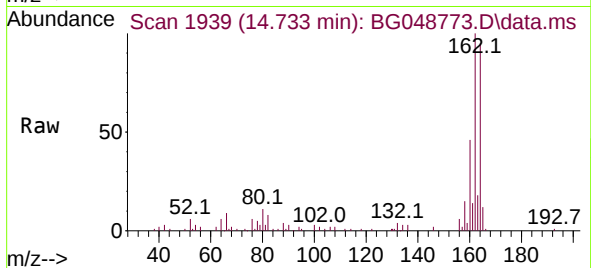




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.010 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

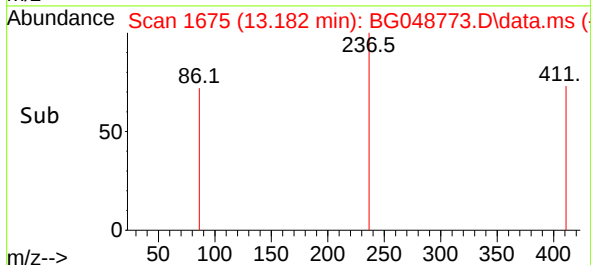
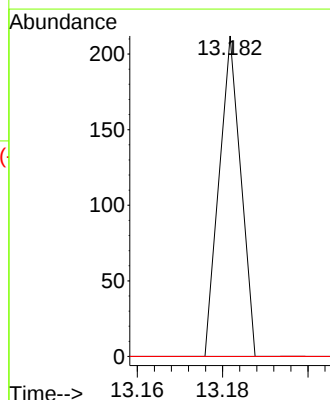
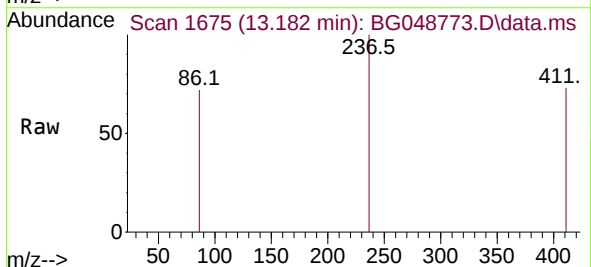
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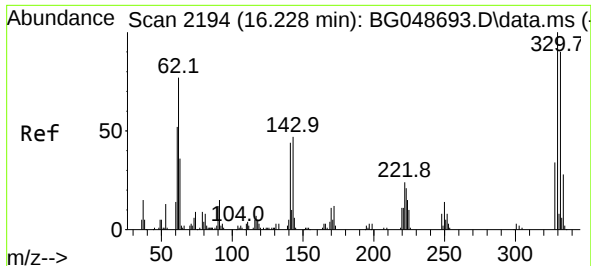
Tgt Ion:	164	Resp:	48997
Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.4	122.0
160	48.6	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.94 ng
RT: 13.182 min Scan# 1675
Delta R.T. 0.272 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:	237	Resp:	75
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

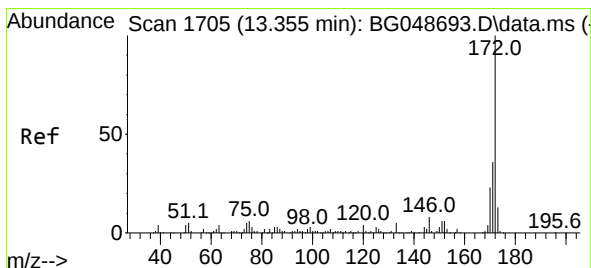
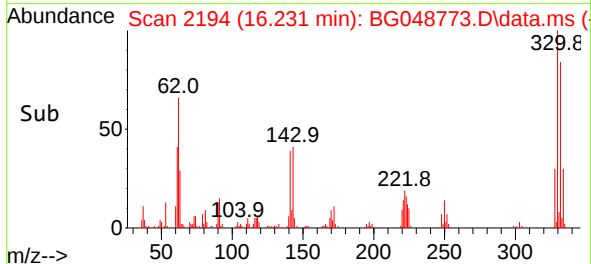
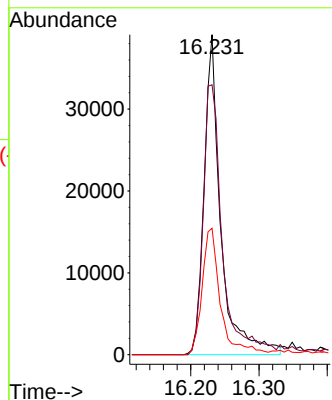
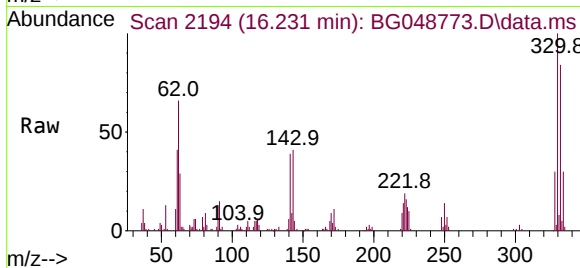




#42
2,4,6-Tribromophenol
Concen: 101.64 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

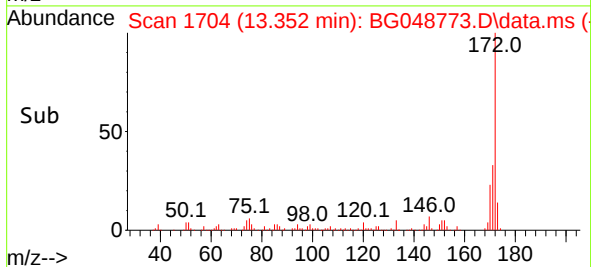
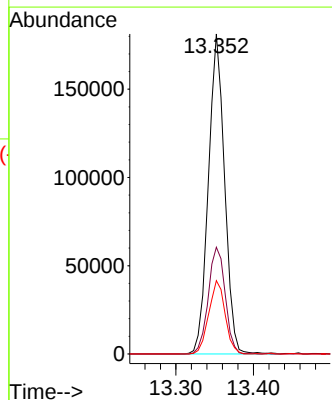
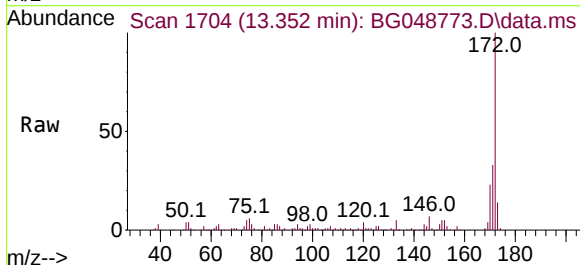
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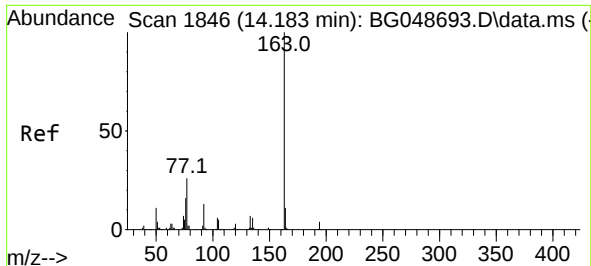
Tgt Ion:330 Resp: 66770
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 43.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 77.42 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:172 Resp: 262672
Ion Ratio Lower Upper
172 100
171 33.4 28.6 43.0
170 22.9 18.6 27.8

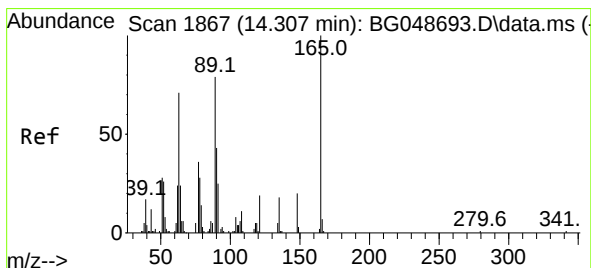
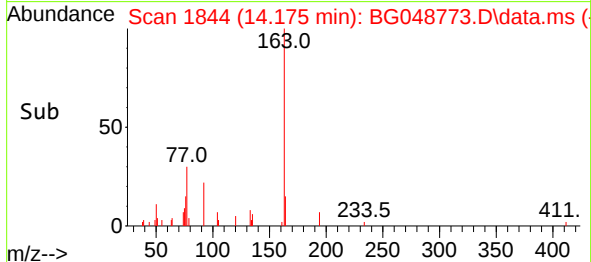
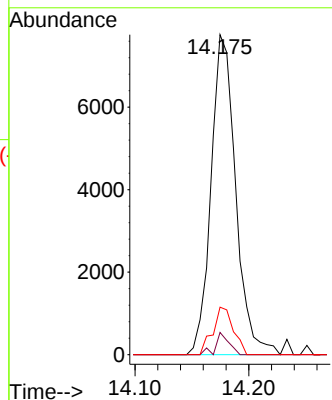
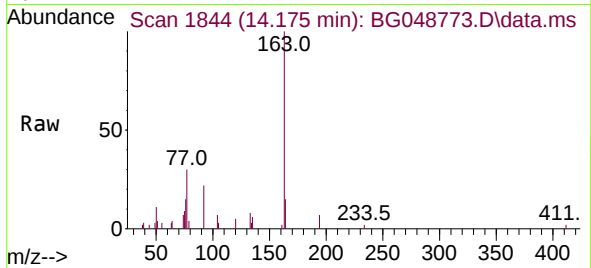




#50
Dimethylphthalate
Concen: 3.18 ng
RT: 14.175 min Scan# 1844
Delta R.T. -0.010 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

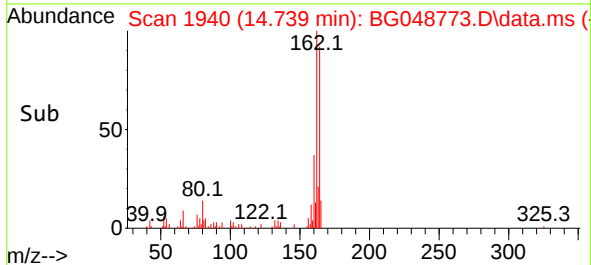
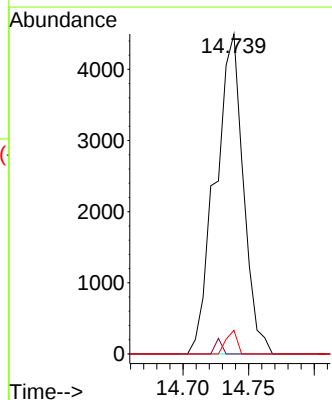
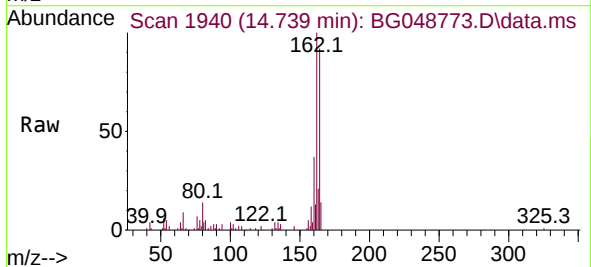
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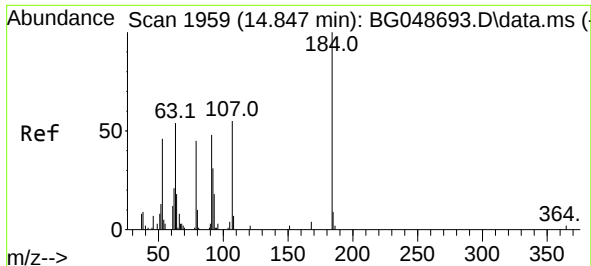
Tgt Ion:163 Resp: 11678
Ion Ratio Lower Upper
163 100
194 6.9 3.0 4.6#
164 14.9 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.425 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:165 Resp: 6659
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 7.4 63.4 95.0#

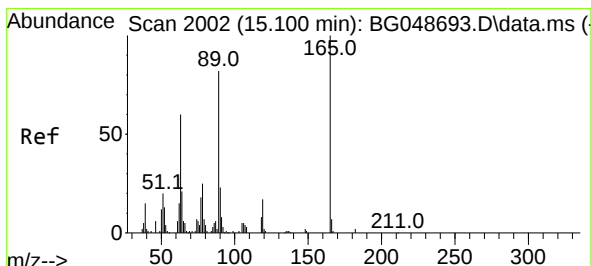
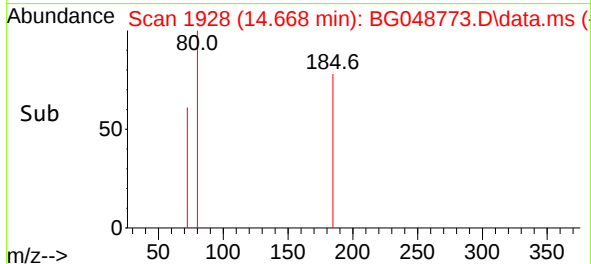
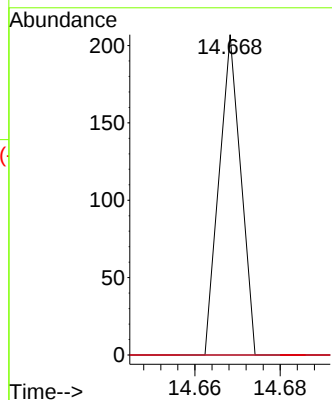
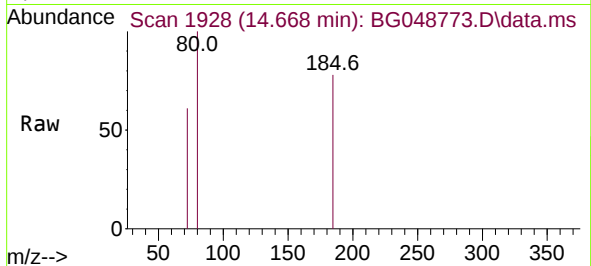




#54
2,4-Dinitrophenol
Concen: 5.42 ng
RT: 14.668 min Scan# 1928
Delta R.T. -0.186 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

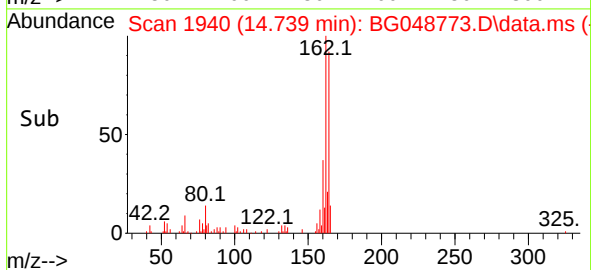
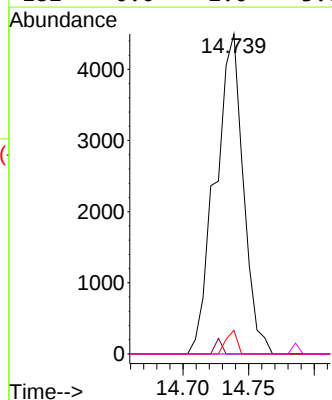
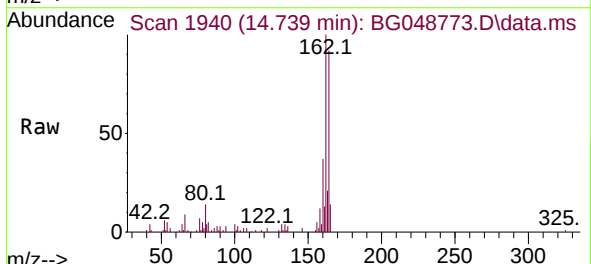
Instrument :
BNA_G
ClientSampleId :
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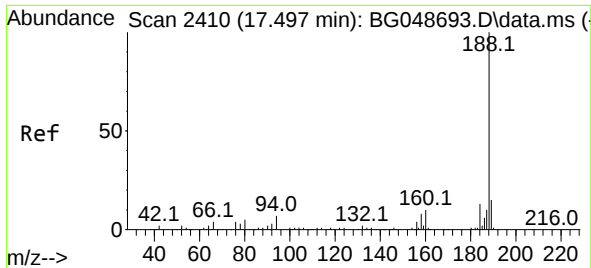
Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.362 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:165 Resp: 6659
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 7.4 65.4 98.0#
182 0.0 2.0 3.0#

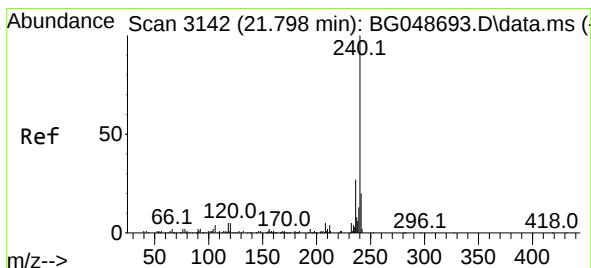
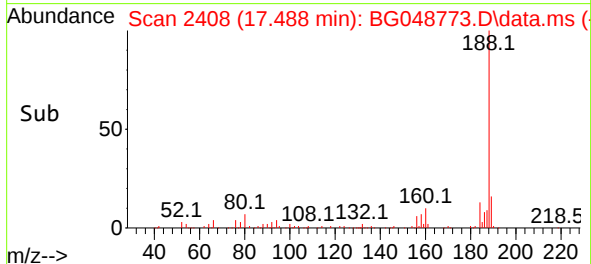
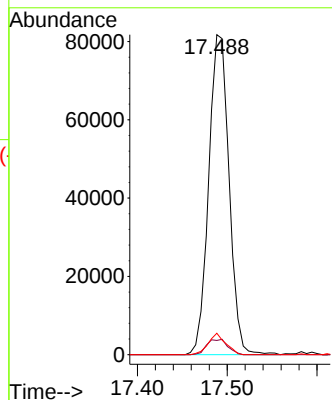
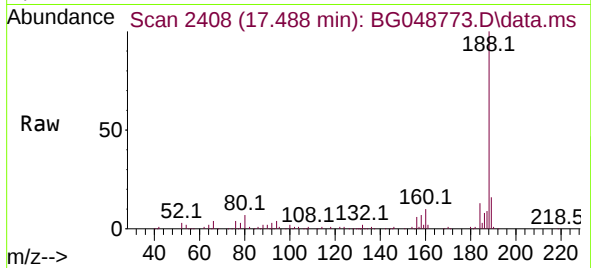




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

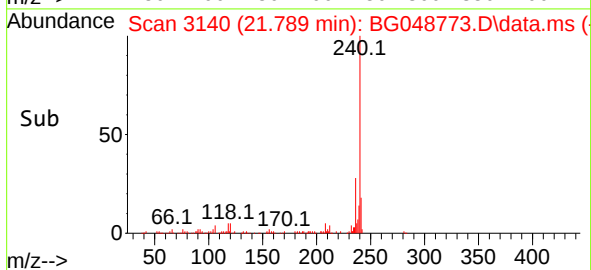
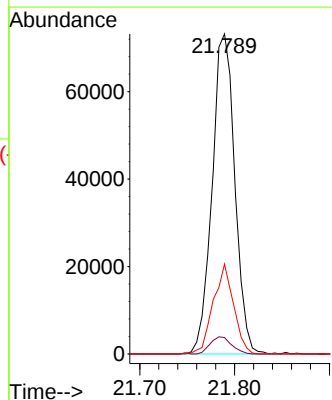
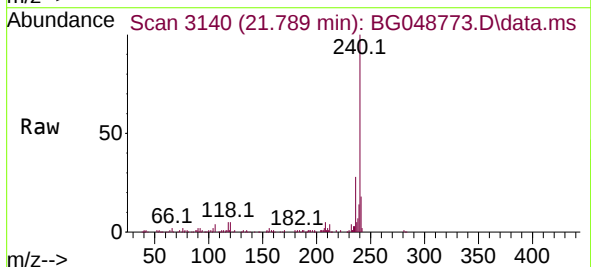
Instrument :
BNA_G
ClientSampleId :
TP-2-D

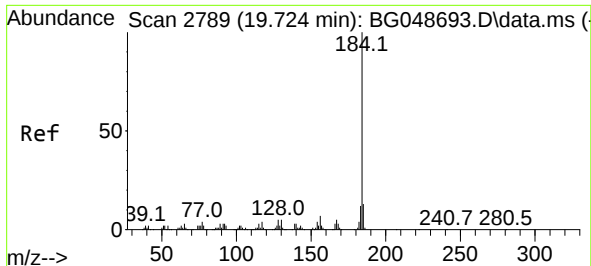
Tgt Ion:188 Resp: 128678
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 6.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:240 Resp: 121626
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 28.1 21.8 32.6

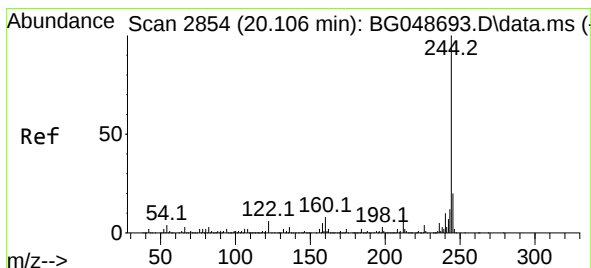
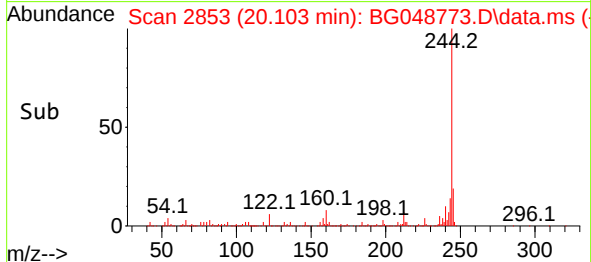
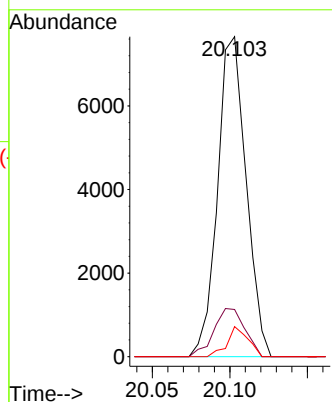
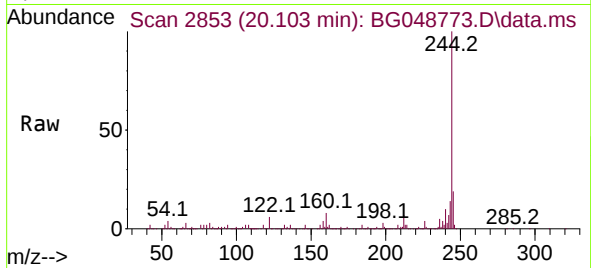




#77
Benzidine
Concen: 2.96 ng
RT: 20.103 min Scan# 2853
Delta R.T. 0.372 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

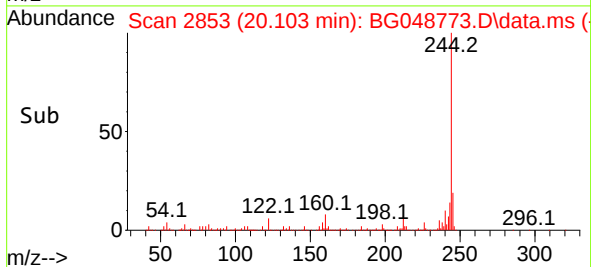
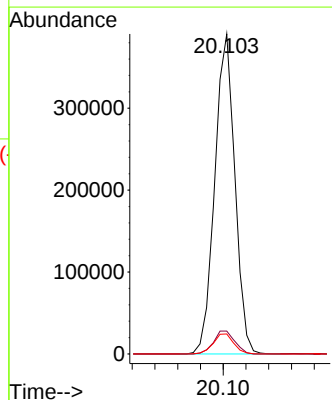
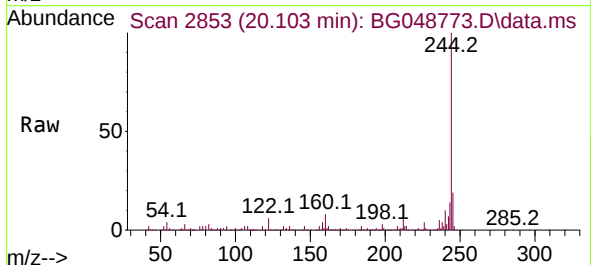
Instrument :
BNA_G
ClientSampled :
TP-2-D

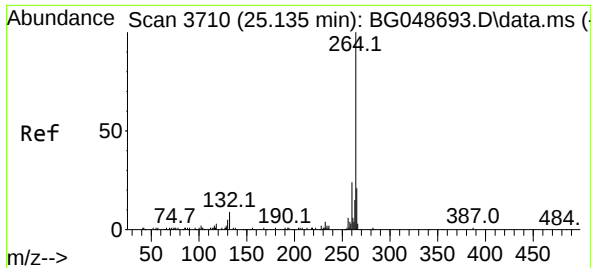
Tgt Ion:184 Resp: 9788
Ion Ratio Lower Upper
184 100
185 14.7 10.7 16.1
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 67.84 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048773.D
Acq: 19 Apr 2021 19:37

Tgt Ion:244 Resp: 479416
Ion Ratio Lower Upper
244 100
212 7.2 6.9 10.3
122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.127 min Scan# 3708
 Delta R.T. -0.016 min
 Lab File: BG048773.D
 Acq: 19 Apr 2021 19:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Tgt Ion:264 Resp: 118421
 Ion Ratio Lower Upper
 264 100
 260 20.8 19.4 29.2
 265 25.6 16.9 25.3#

