

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022021\
 Data File : BP004843.D
 Acq On : 20 Feb 2021 15:34
 Operator : CG/JU
 Sample : M1425-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41061

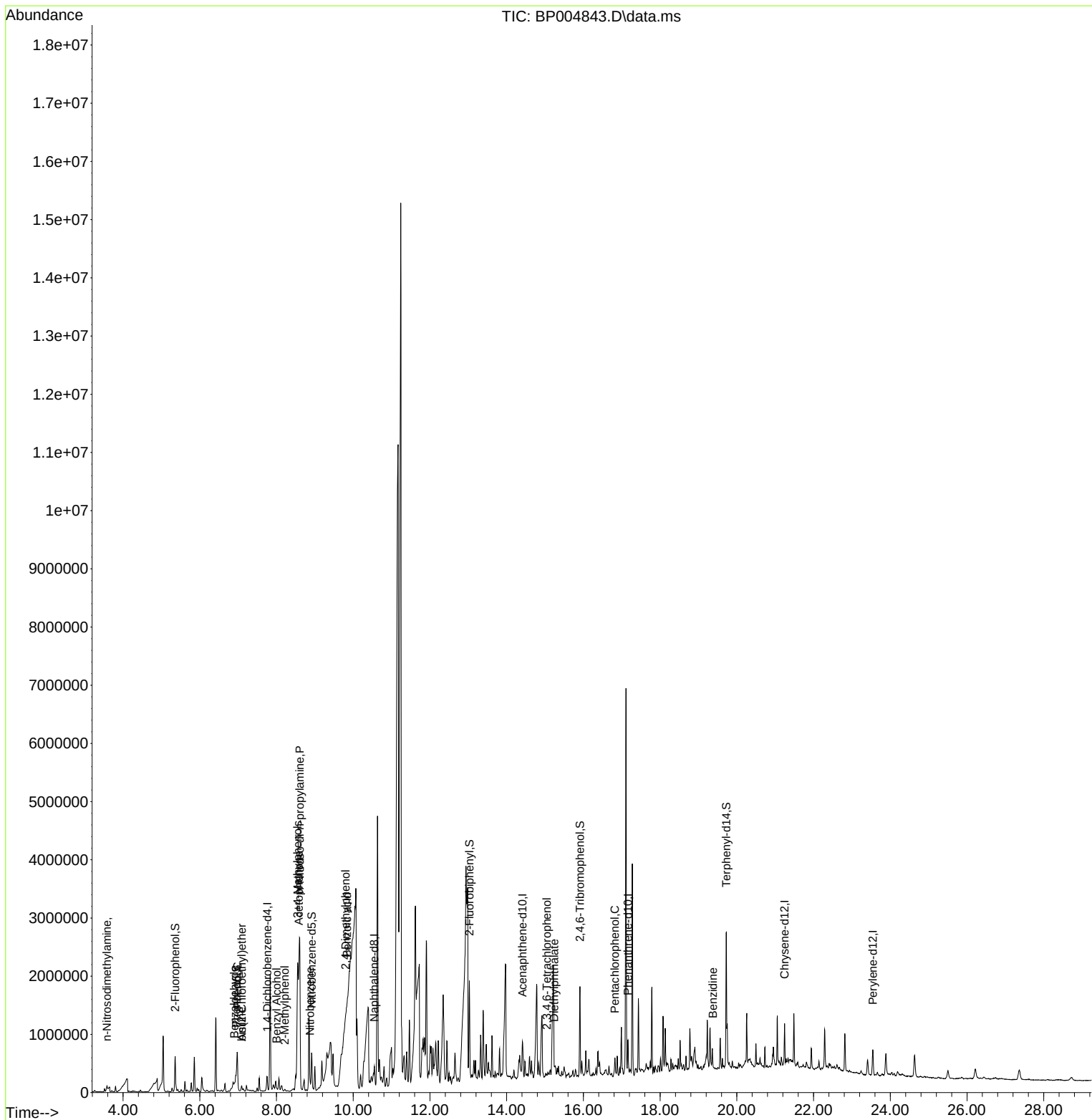
Quant Time: Feb 22 04:31:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

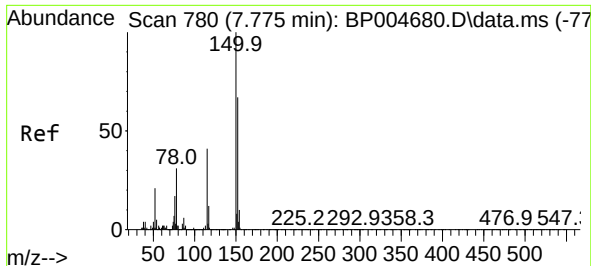
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	58090	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	228696	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	143998	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	306333	20.00	ng	0.00
76) Chrysene-d12	21.245	240	309527	20.00	ng	0.00
86) Perylene-d12	23.545	264	311786	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	233097	61.96	ng	0.00
7) Phenol-d6	6.951	99	181153	35.01	ng	0.00
23) Nitrobenzene-d5	8.916	82	357490	68.11	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	232992	121.78	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	788987	66.97	ng	0.00
79) Terphenyl-d14	19.727	244	968083	52.54	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.581	42	6361	3.75	ng	# 1
6) Aniline	7.093	93	68768	11.92	ng	# 91
9) Benzaldehyde	6.904	77	5427	2.50	ng	# 82
10) Phenol	6.981	94	396471	79.16	ng	# 83
11) bis(2-Chloroethyl)ether	7.093	93	68768	17.96	ng	# 34
15) Benzyl Alcohol	8.004	79	12942	3.33	ng	# 81
17) 2-Methylphenol	8.216	107	12605	3.72	ng	# 85
19) n-Nitroso-di-n-propyla...	8.604	70	28966	9.26	ng	# 1
20) 3+4-Methylphenols	8.551	107	1382651	307.83	ng	# 91
22) Acetophenone	8.581	105	48747	7.33	ng	# 1
24) Nitrobenzene	8.875	77	15519	2.99	ng	# 30
27) 2,4-Dimethylphenol	9.804	122	39998	12.51	ng	# 86
32) Benzoic acid	9.839	122	18632	12.75	ng	# 36
59) 2,3,4,6-Tetrachlorophenol	15.045	232	9845	3.02	ng	# 89
60) Diethylphthalate	15.239	149	29613	2.33	ng	# 93
70) Pentachlorophenol	16.821	266	30064	12.50	ng	# 98
77) Benzidine	19.374	184	732	2.25	ng	# 1

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

Quant Time: Feb 22 04:31:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
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QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

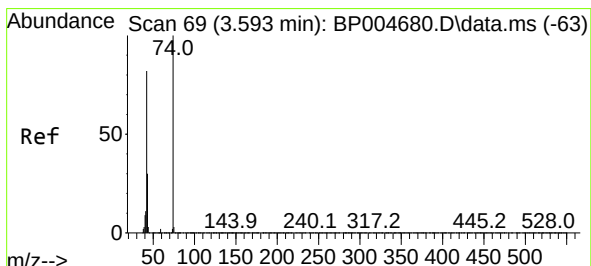
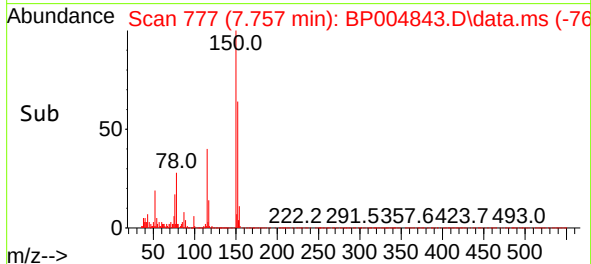
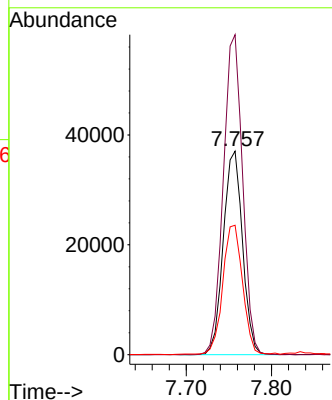
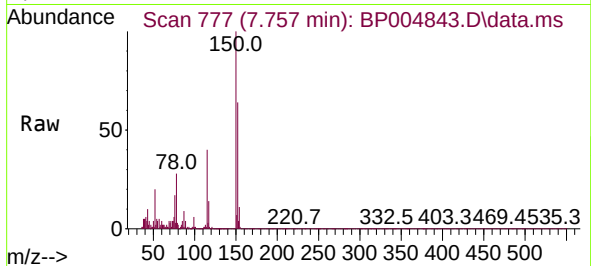




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

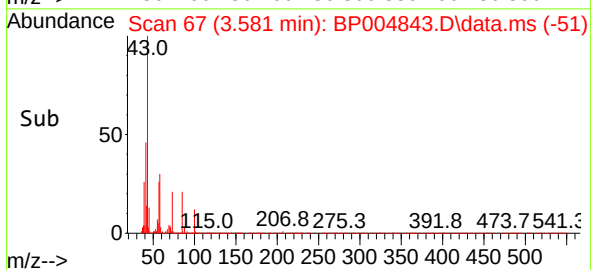
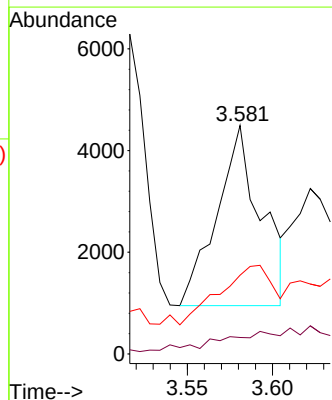
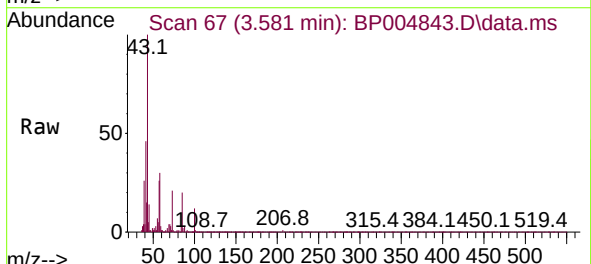
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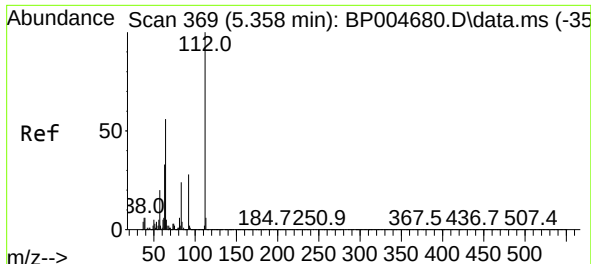
Tgt Ion: 152 Resp: 58090
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 63.6 43.8 65.6



#4
n-Nitrosodimethylamine
Concen: 3.75 ng
RT: 3.581 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 42 Resp: 6361
Ion Ratio Lower Upper
42 100
74 7.2 148.6 223.0#
44 34.4 5.3 7.9#

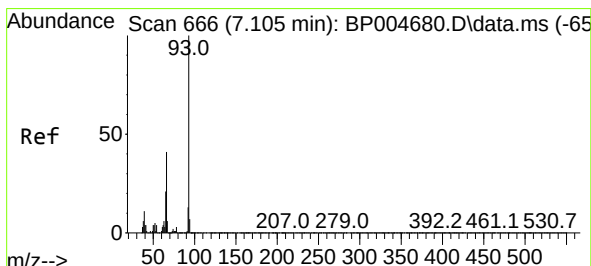
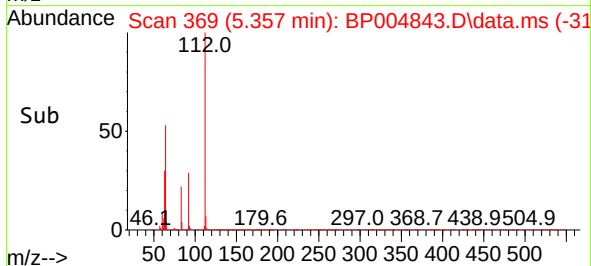
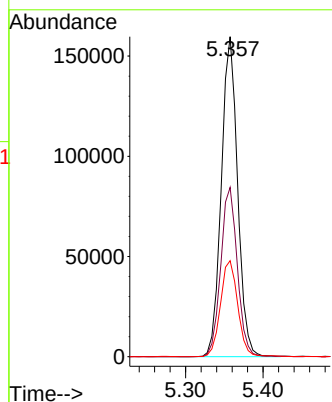
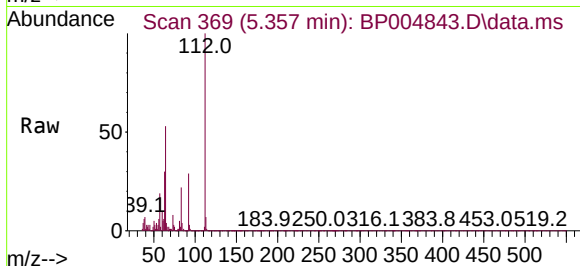




#5
2-Fluorophenol
Concen: 61.96 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

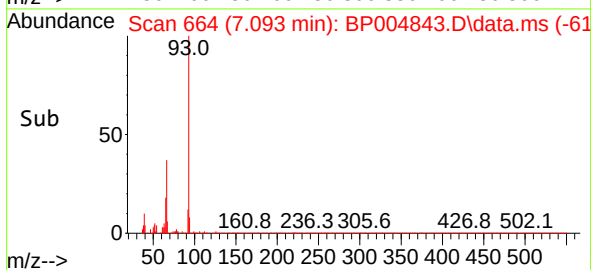
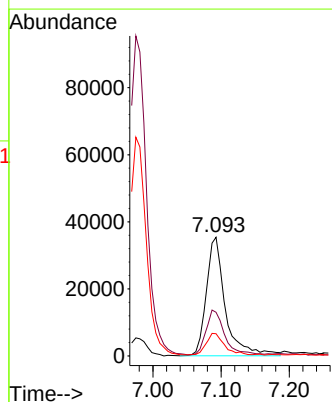
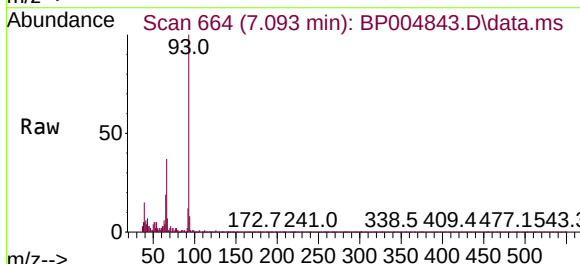
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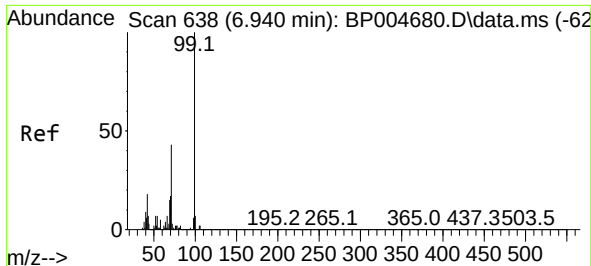
Tgt Ion:112 Resp: 233097
Ion Ratio Lower Upper
112 100
64 52.9 32.8 49.2#
63 30.0 17.0 25.4#



#6
Aniline
Concen: 11.92 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 93 Resp: 68768
Ion Ratio Lower Upper
93 100
66 36.8 25.4 38.0
65 18.8 12.5 18.7#

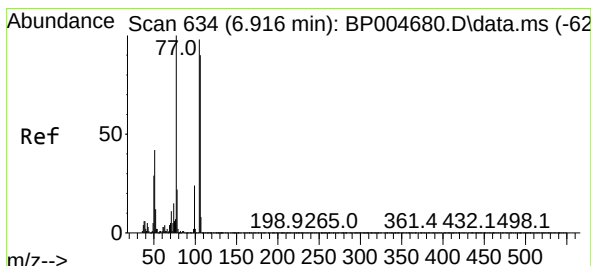
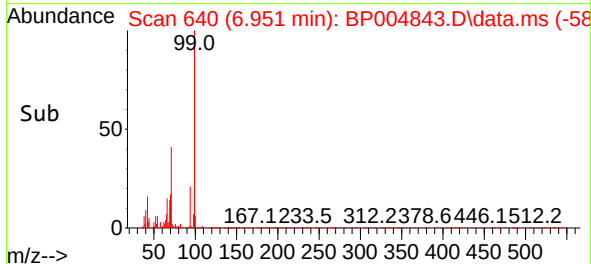
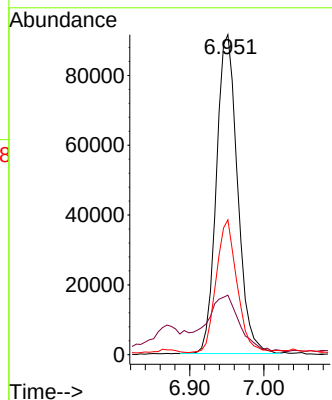
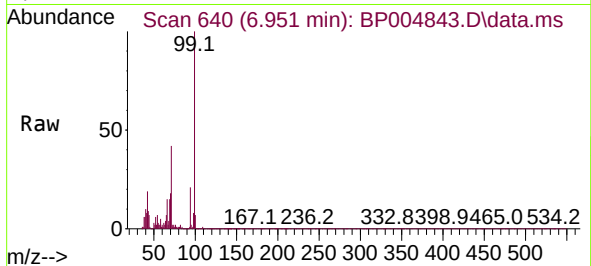




#7
Phenol-d6
Concen: 35.01 ng
RT: 6.951 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

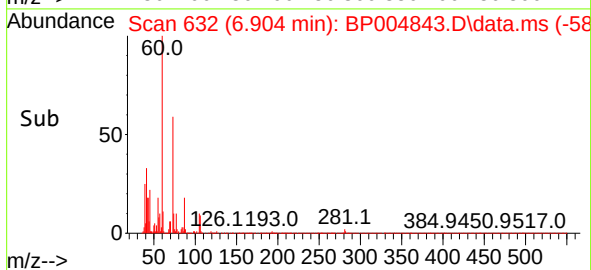
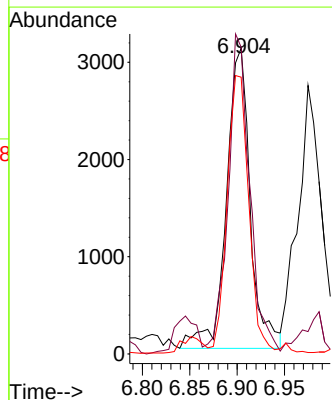
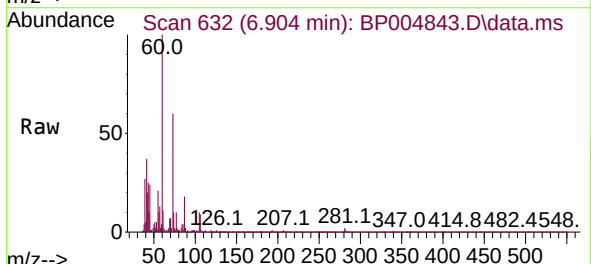
Instrument :
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ClientSampled :
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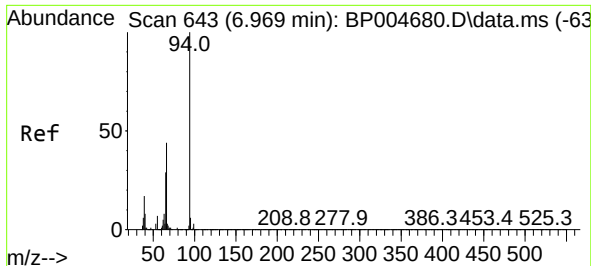
Tgt Ion: 99 Resp: 181153
Ion Ratio Lower Upper
99 100
42 18.6 8.6 13.0#
71 42.2 23.4 35.2#



#9
Benzaldehyde
Concen: 2.50 ng
RT: 6.904 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 77 Resp: 5427
Ion Ratio Lower Upper
77 100
105 100.3 97.1 137.1
106 90.5 93.7 133.7#

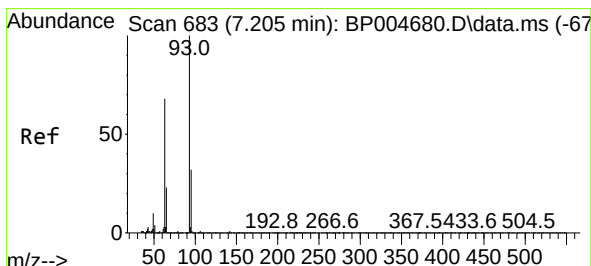
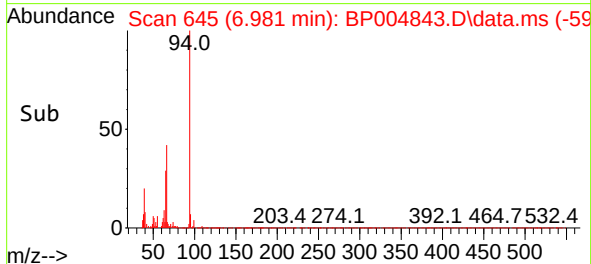
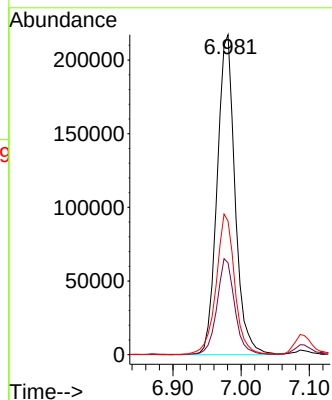
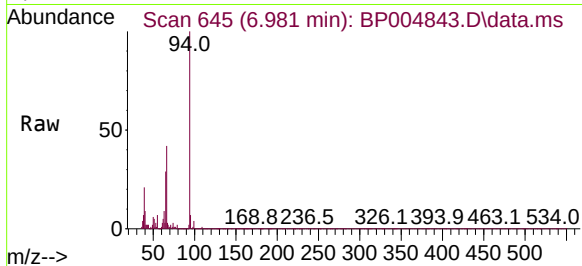




#10
Phenol
Concen: 79.16 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.012 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

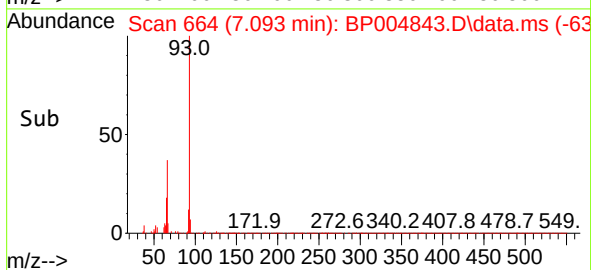
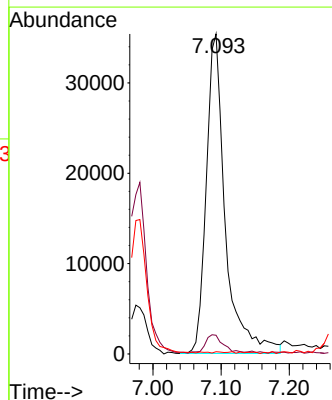
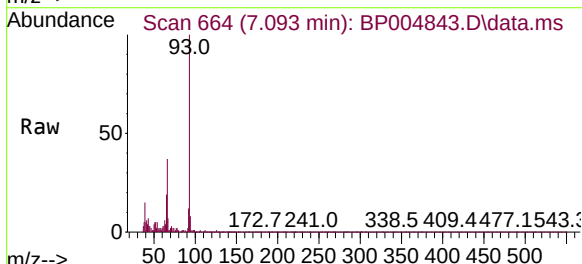
Instrument :
BNA_P
ClientSampled :
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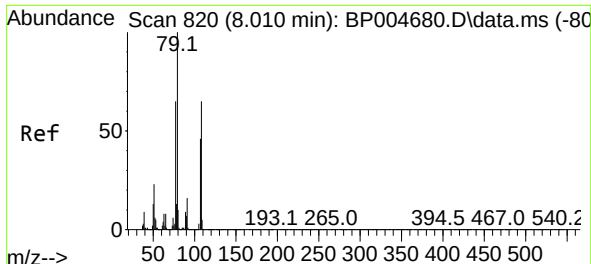
Tgt Ion: 94 Resp: 396471
Ion Ratio Lower Upper
94 100
65 28.7 2.3 42.3
66 41.7 10.9 50.9



#11
bis(2-Chloroethyl)ether
Concen: 17.96 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.100 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 93 Resp: 68768
Ion Ratio Lower Upper
93 100
63 5.9 39.0 79.0#
95 0.7 12.8 52.8#

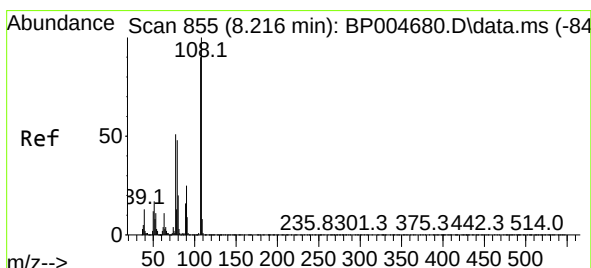
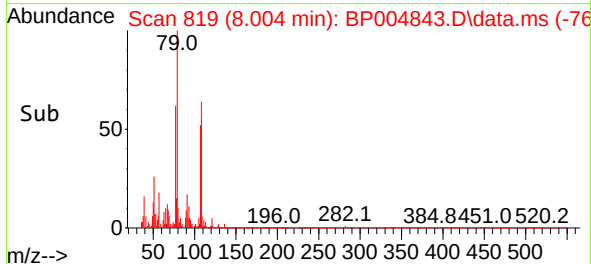
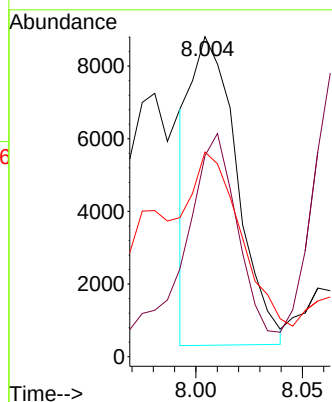
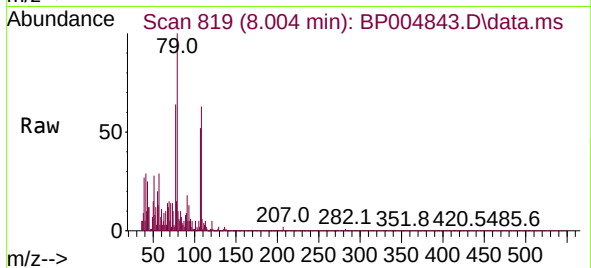




#15
Benzyl Alcohol
Concen: 3.33 ng
RT: 8.004 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

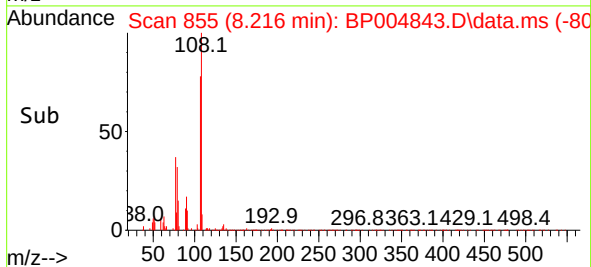
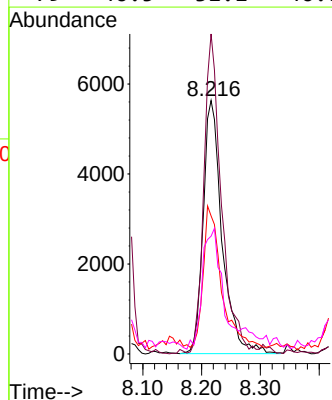
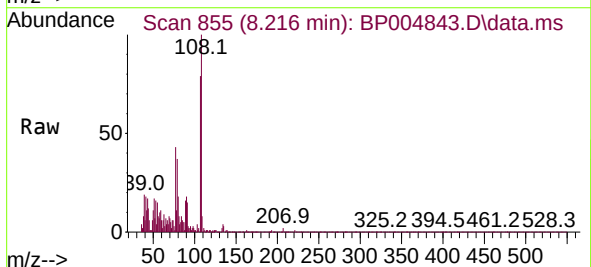
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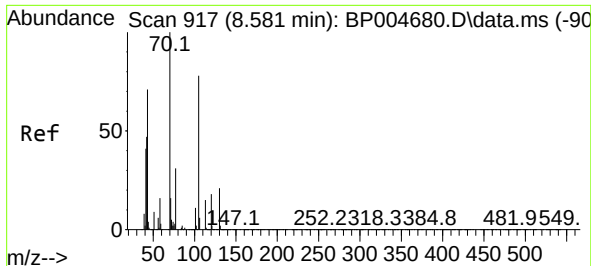
Tgt Ion: 79 Resp: 12942
Ion Ratio Lower Upper
79 100
108 62.8 73.5 110.3#
77 63.9 50.3 75.5



#17
2-Methylphenol
Concen: 3.72 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 107 Resp: 12605
Ion Ratio Lower Upper
107 100
108 126.3 89.6 134.4
77 54.5 31.8 47.6#
79 46.5 31.1 46.7

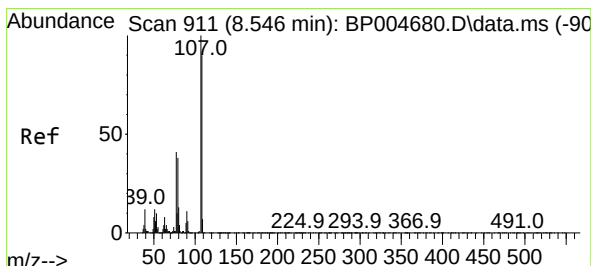
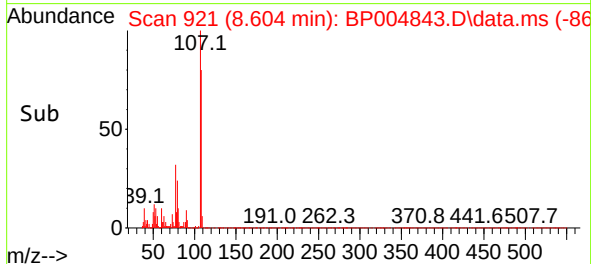
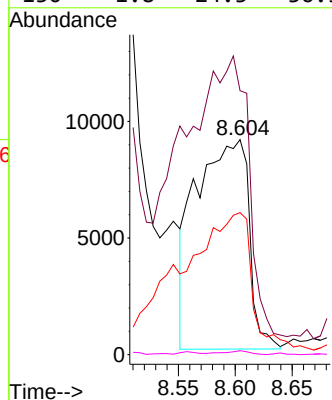
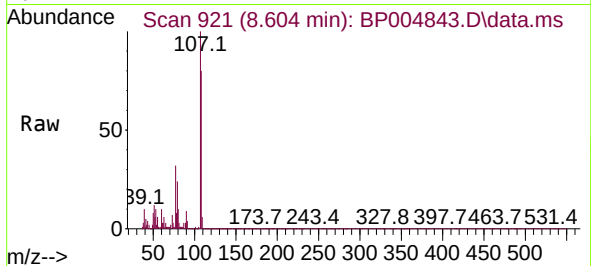




#19
n-Nitroso-di-n-propylamine
Concen: 9.26 ng
RT: 8.604 min Scan# 921
Delta R.T. 0.035 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

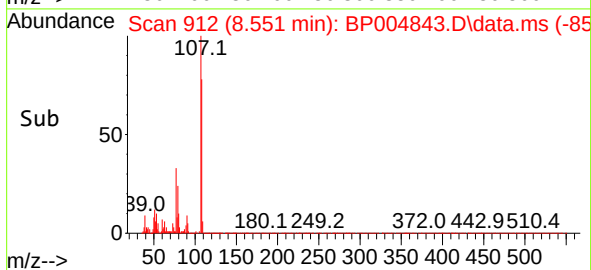
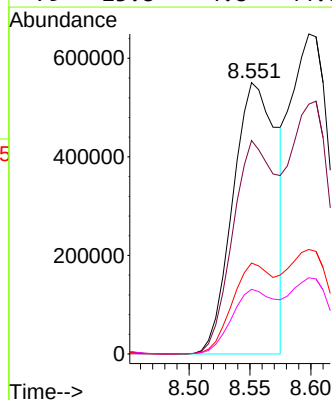
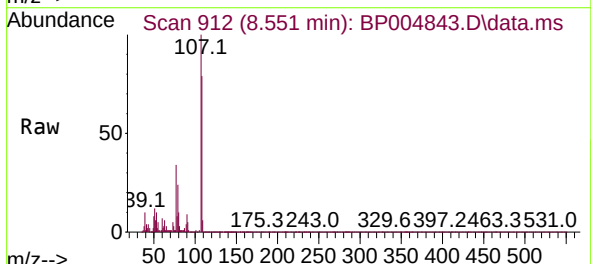
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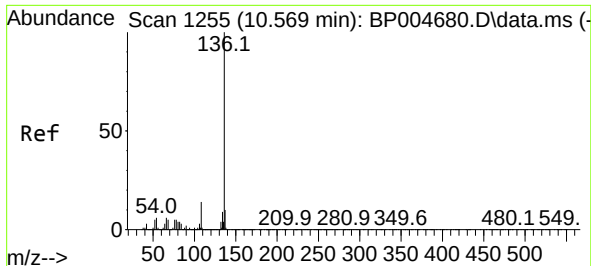
Tgt Ion: 70	Resp: 28966
Ion Ratio	Lower Upper
70 100	
42 122.8	32.8 49.2#
101 66.1	9.6 14.4#
130 1.8	24.3 36.5#



#20
3+4-Methylphenols
Concen: 307.83 ng
RT: 8.551 min Scan# 912
Delta R.T. 0.012 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 107	Resp: 1382651
Ion Ratio	Lower Upper
107 100	
108 78.7	69.0 109.0
77 33.5	8.5 48.5
79 23.8	4.8 44.8

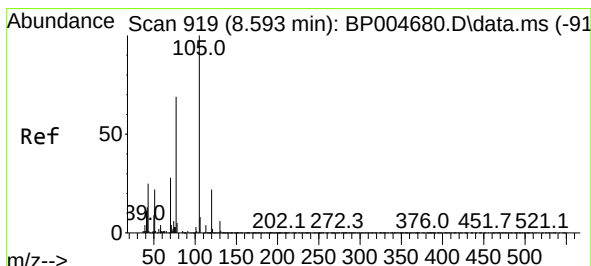
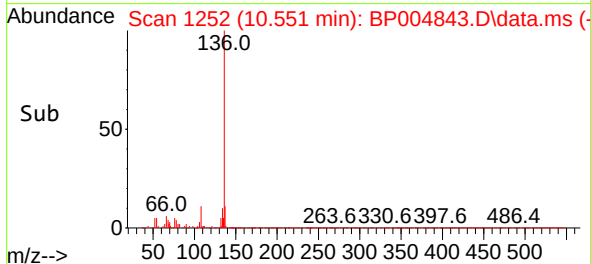
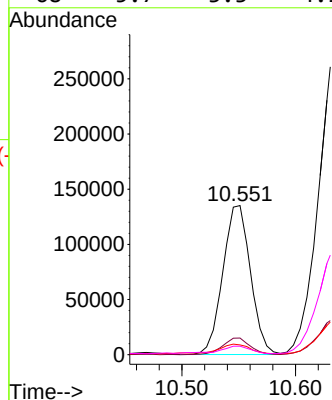
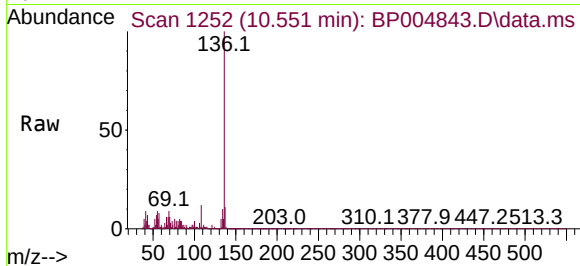




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

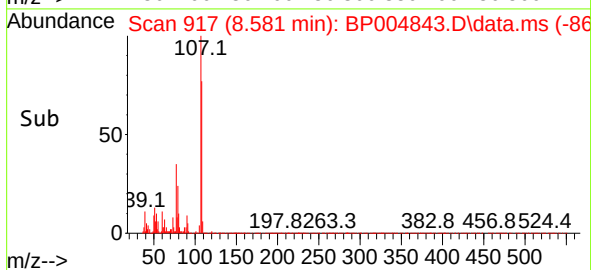
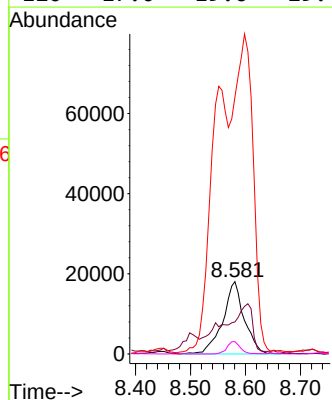
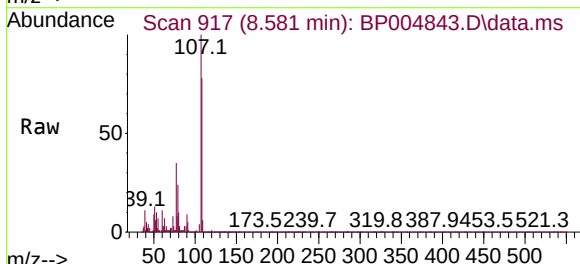
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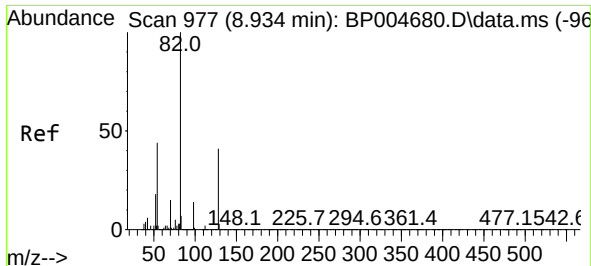
Tgt Ion:	136	Resp:	228696
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	6.5	3.6	5.4#
68	5.7	3.3	4.9#



#22
Acetophenone
Concen: 7.33 ng
RT: 8.581 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:	105	Resp:	48747
Ion Ratio	Lower	Upper	
105	100		
71	44.3	2.6	3.8#
51	355.2	13.5	20.3#
120	17.0	19.6	29.4#

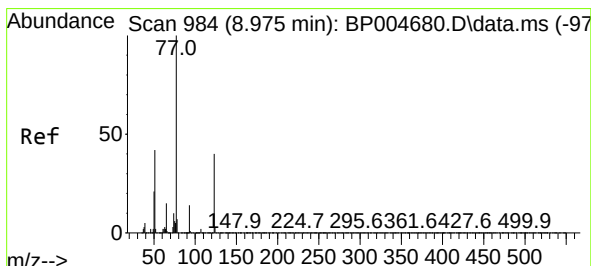
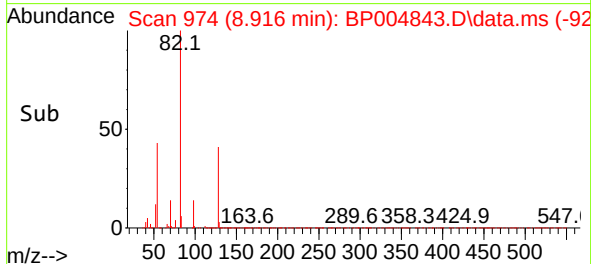
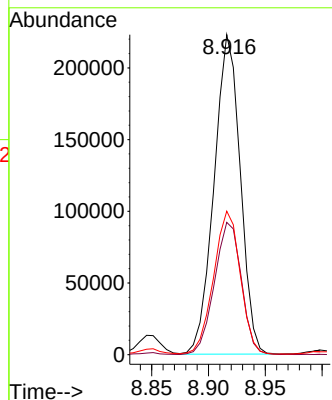
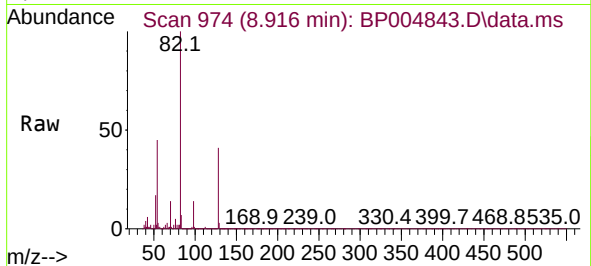




#23
Nitrobenzene-d5
Concen: 68.11 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

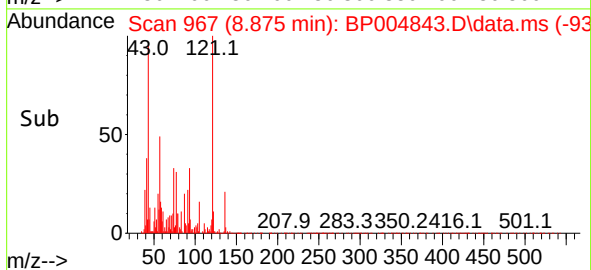
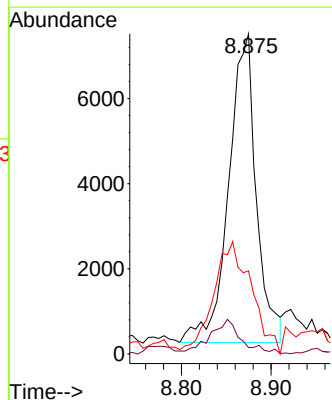
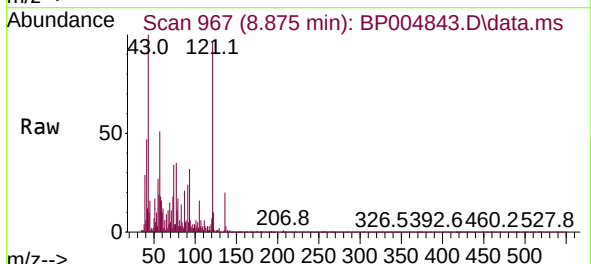
Instrument :
BNA_P
ClientSampleId :
41061

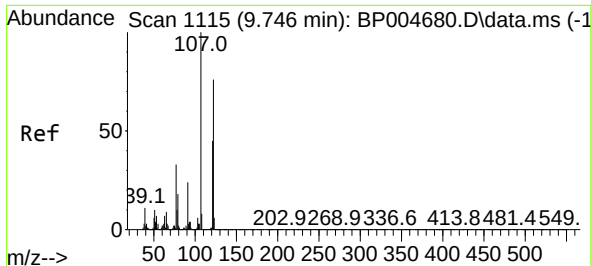
Tgt Ion: 82 Resp: 357490
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 44.9 30.1 45.1



#24
Nitrobenzene
Concen: 2.99 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.088 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion: 77 Resp: 15519
Ion Ratio Lower Upper
77 100
123 2.0 48.6 72.8#
65 26.0 10.0 15.0#

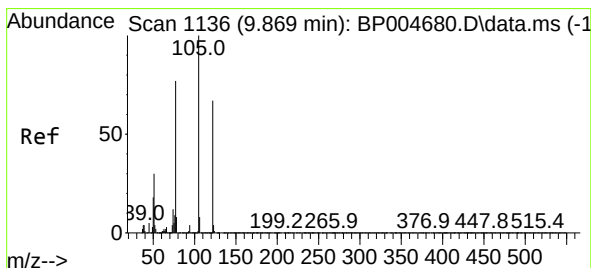
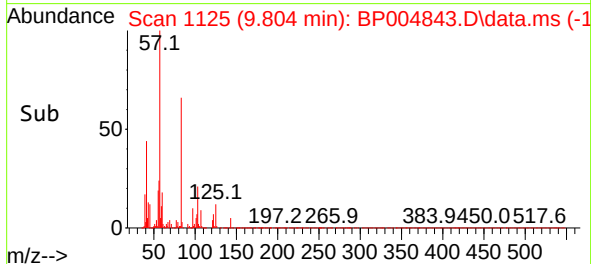
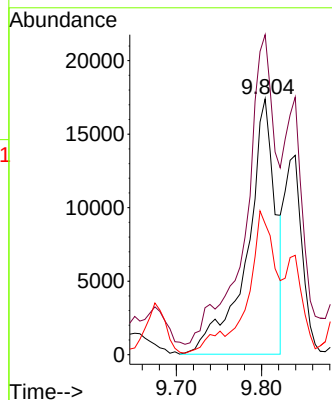
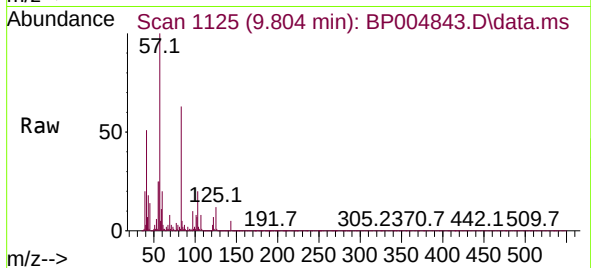




#27
2,4-Dimethylphenol
Concen: 12.51 ng
RT: 9.804 min Scan# 1125
Delta R.T. 0.065 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

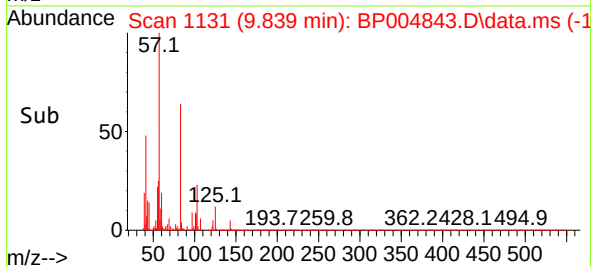
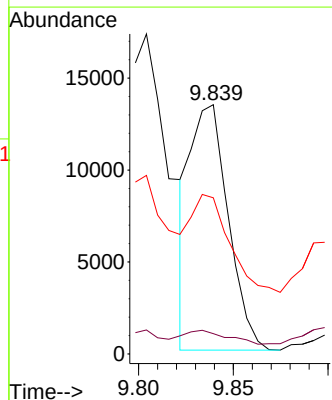
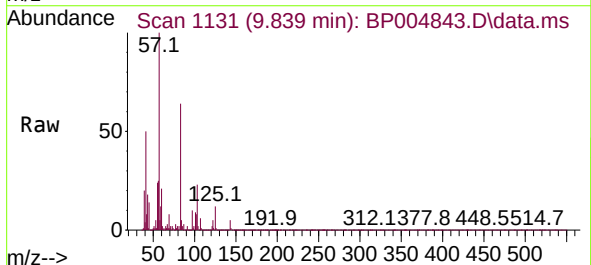
Instrument :
BNA_P
ClientSampleId :
41061

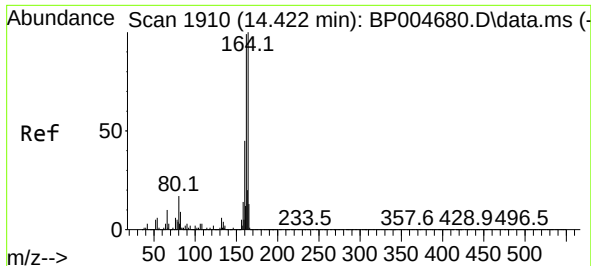
Tgt Ion:122 Resp: 39998
Ion Ratio Lower Upper
122 100
107 125.1 87.3 130.9
121 51.2 47.3 70.9



#32
Benzoic acid
Concen: 12.75 ng
RT: 9.839 min Scan# 1131
Delta R.T. -0.029 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:122 Resp: 18632
Ion Ratio Lower Upper
122 100
105 8.2 94.1 134.1#
77 62.6 50.1 90.1

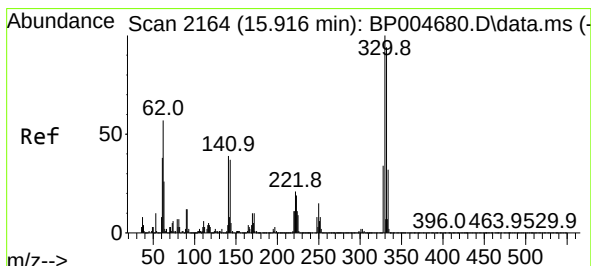
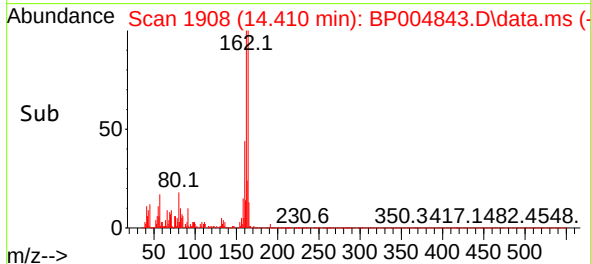
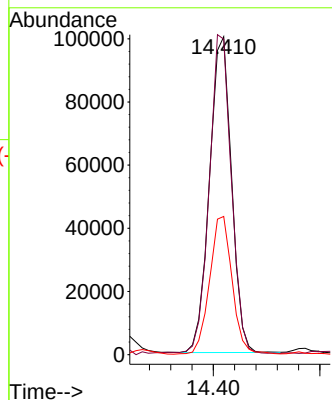
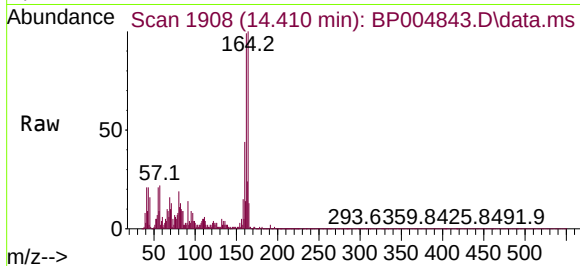




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

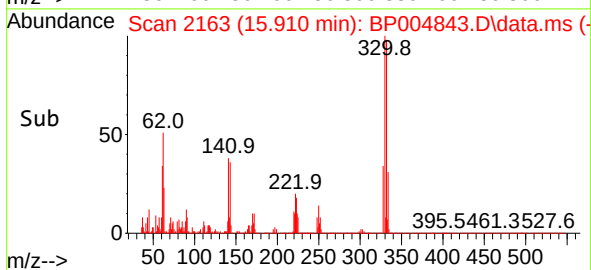
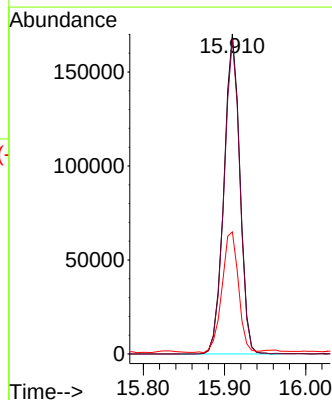
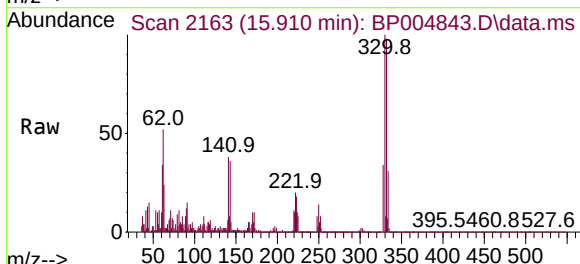
Instrument :
BNA_P
ClientSampleId :
41061

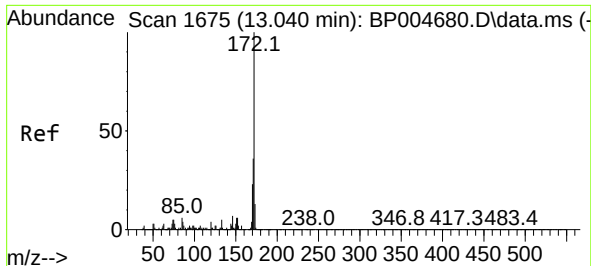
Tgt Ion:164 Resp: 143998
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 43.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 121.78 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:330 Resp: 232992
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 38.7 23.4 35.2#

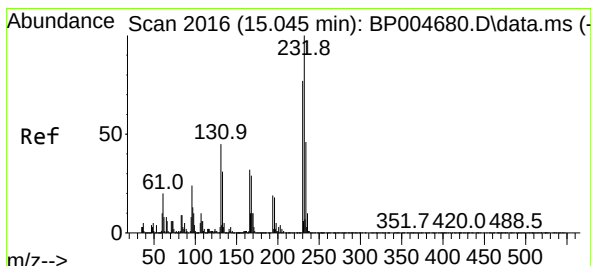
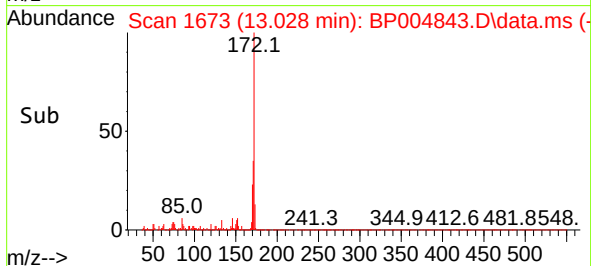
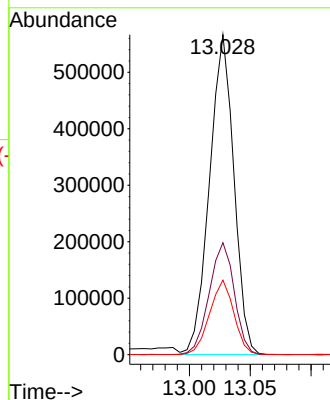
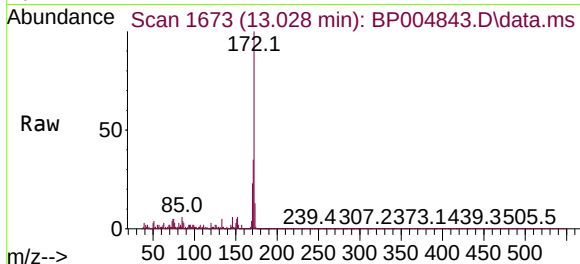




#45
2-Fluorobiphenyl
Concen: 66.97 ng
RT: 13.028 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

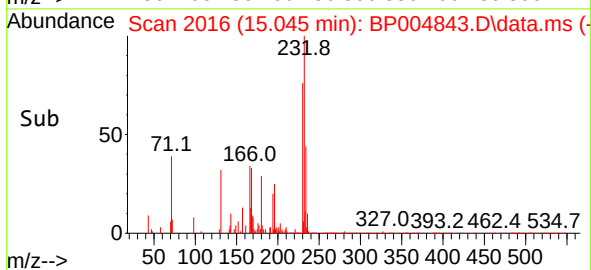
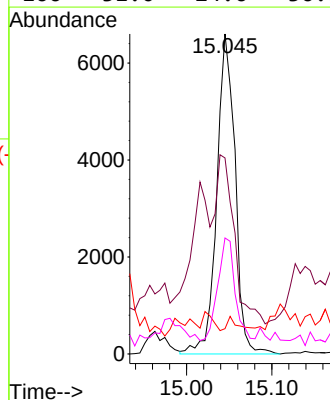
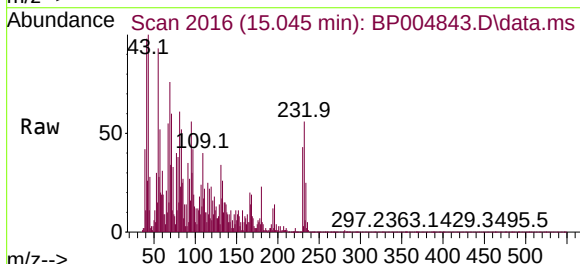
Instrument :
BNA_P
ClientSampleId :
41061

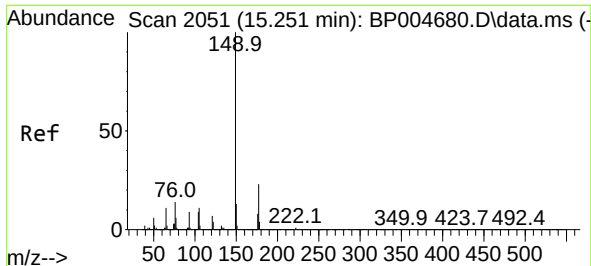
Tgt Ion:172	Resp:	788987
Ion Ratio	Lower	Upper
172	100	
171	35.0	28.5 42.7
170	23.3	19.2 28.8



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.02 ng
RT: 15.045 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:232	Resp:	9845
Ion Ratio	Lower	Upper
232	100	
131	54.6	34.1 51.1#
130	0.0	1.8 2.8#
166	31.0	24.6 36.8

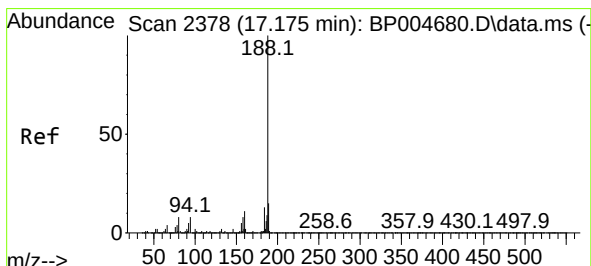
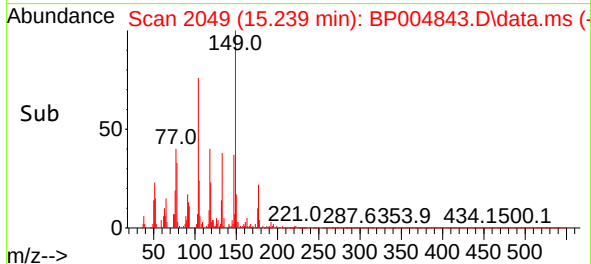
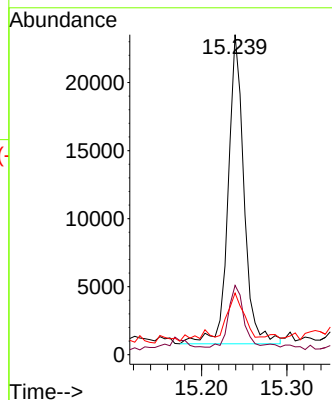
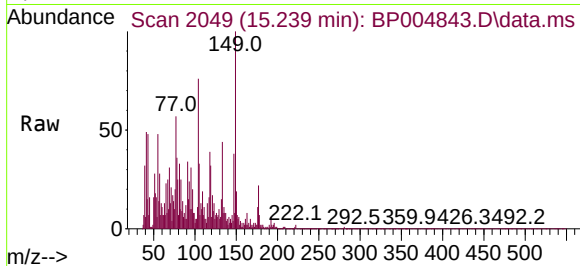




#60
Diethylphthalate
Concen: 2.33 ng
RT: 15.239 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

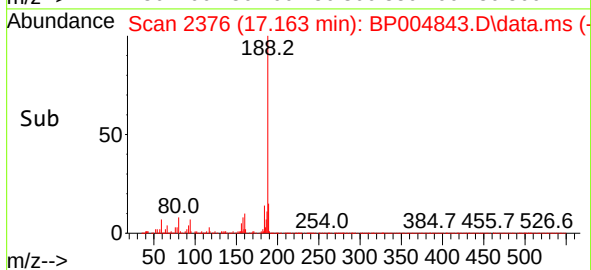
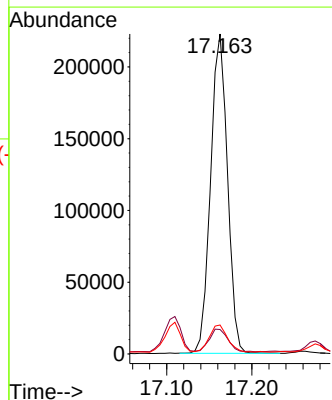
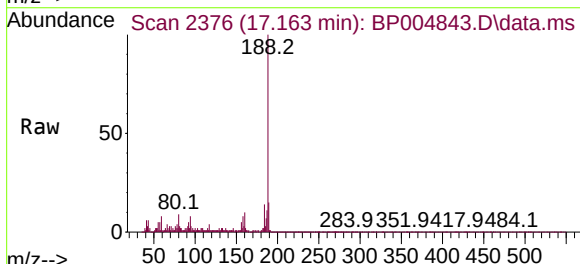
Instrument :
BNA_P
ClientSampleId :
41061

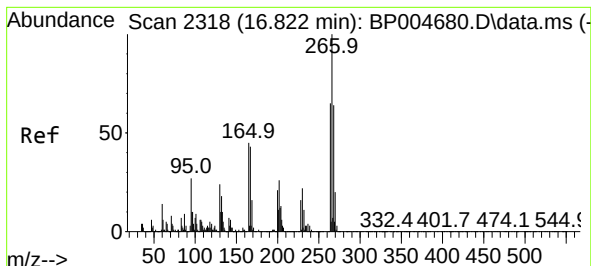
Tgt Ion:149 Resp: 29613
Ion Ratio Lower Upper
149 100
177 21.7 18.0 27.0
150 19.3 10.0 15.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. -0.000 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:188 Resp: 306333
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 9.1 6.2 9.2

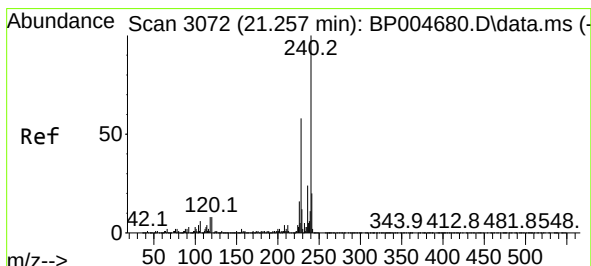
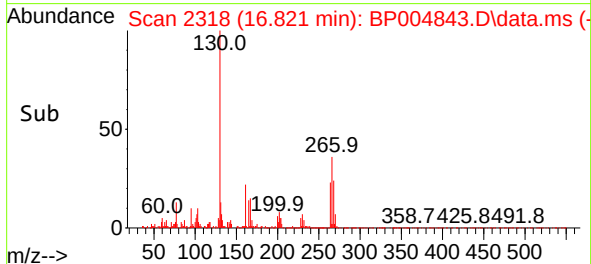
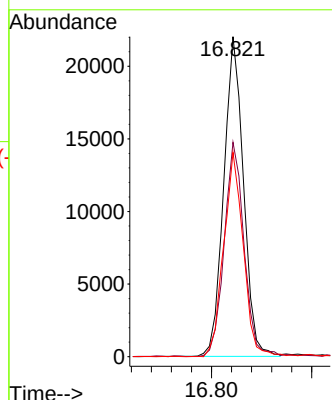
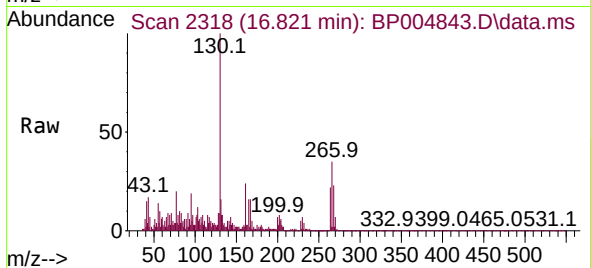




#70
 Pentachlorophenol
 Concen: 12.50 ng
 RT: 16.821 min Scan# 2318
 Delta R.T. 0.006 min
 Lab File: BP004843.D
 Acq: 20 Feb 2021 15:34

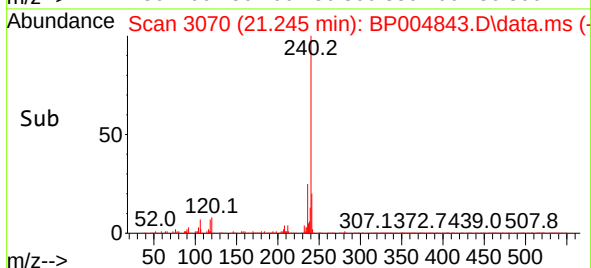
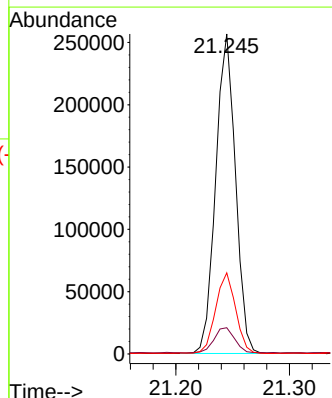
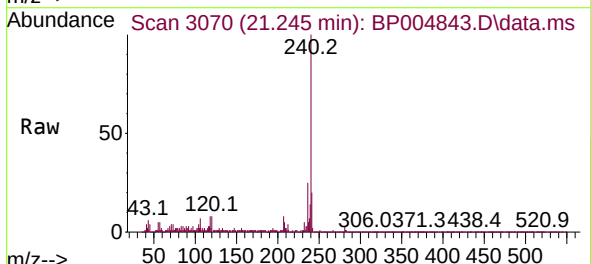
Instrument :
 BNA_P
 ClientSampled :
 41061

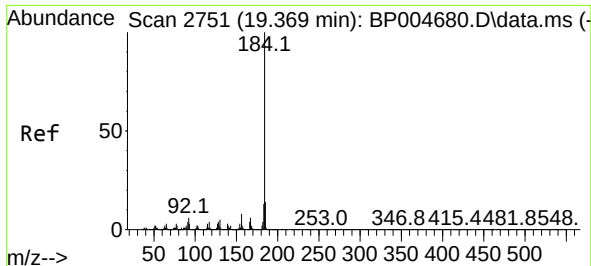
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	63.8	50.6	76.0



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.245 min Scan# 3070
 Delta R.T. -0.006 min
 Lab File: BP004843.D
 Acq: 20 Feb 2021 15:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.8	11.6
236	25.4	20.8	31.2

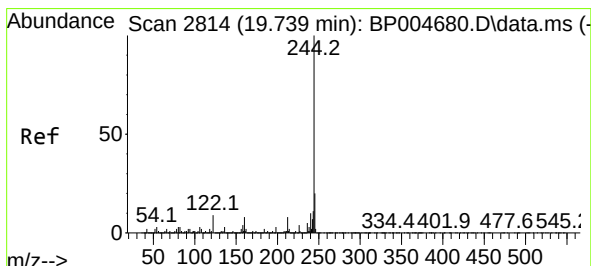
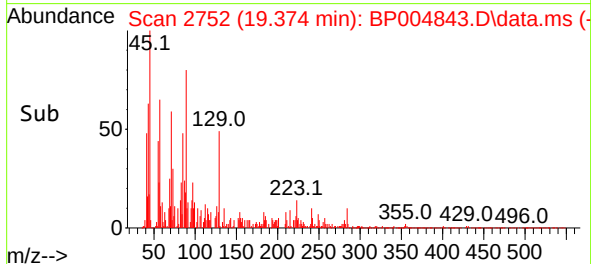
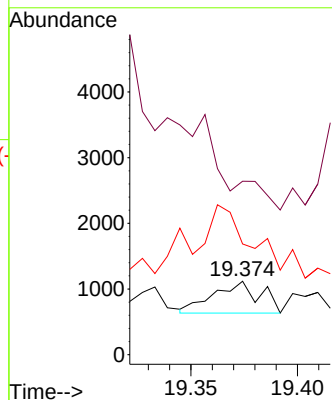
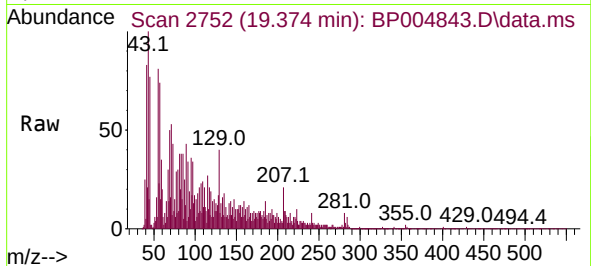




#77
Benzidine
Concen: 2.25 ng
RT: 19.374 min Scan# 2752
Delta R.T. 0.012 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

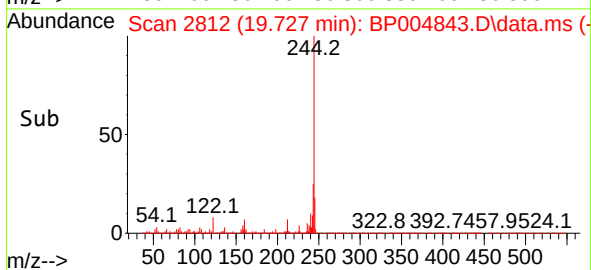
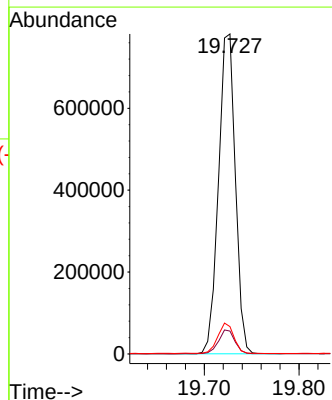
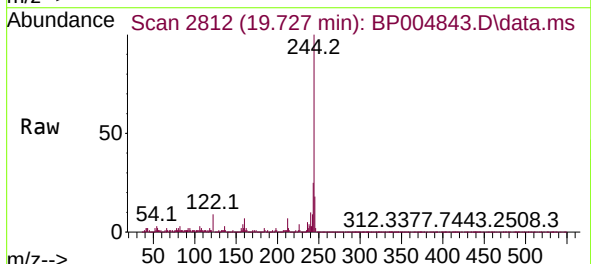
Instrument :
BNA_P
ClientSampled :
41061

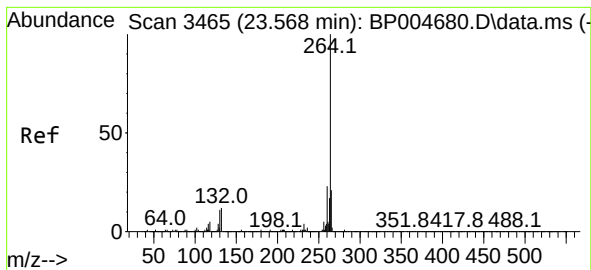
Tgt Ion:184 Resp: 732
Ion Ratio Lower Upper
184 100
185 236.0 11.5 17.3#
183 150.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 52.54 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP004843.D
Acq: 20 Feb 2021 15:34

Tgt Ion:244 Resp: 968083
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.6 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.545 min Scan# 3461
 Delta R.T. -0.012 min
 Lab File: BP004843.D
 Acq: 20 Feb 2021 15:34

Instrument :
 BNA_P
 ClientSampleId :
 41061

Tgt Ion:264 Resp: 311786

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.5	17.4	26.2

