

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004722.D
 Acq On : 11 Feb 2021 18:32
 Operator : CG/JU
 Sample : M1361-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2429-241164

Quant Time: Feb 11 23:39:43 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 05 18:04:48 2021
 Response via : Initial Calibration

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

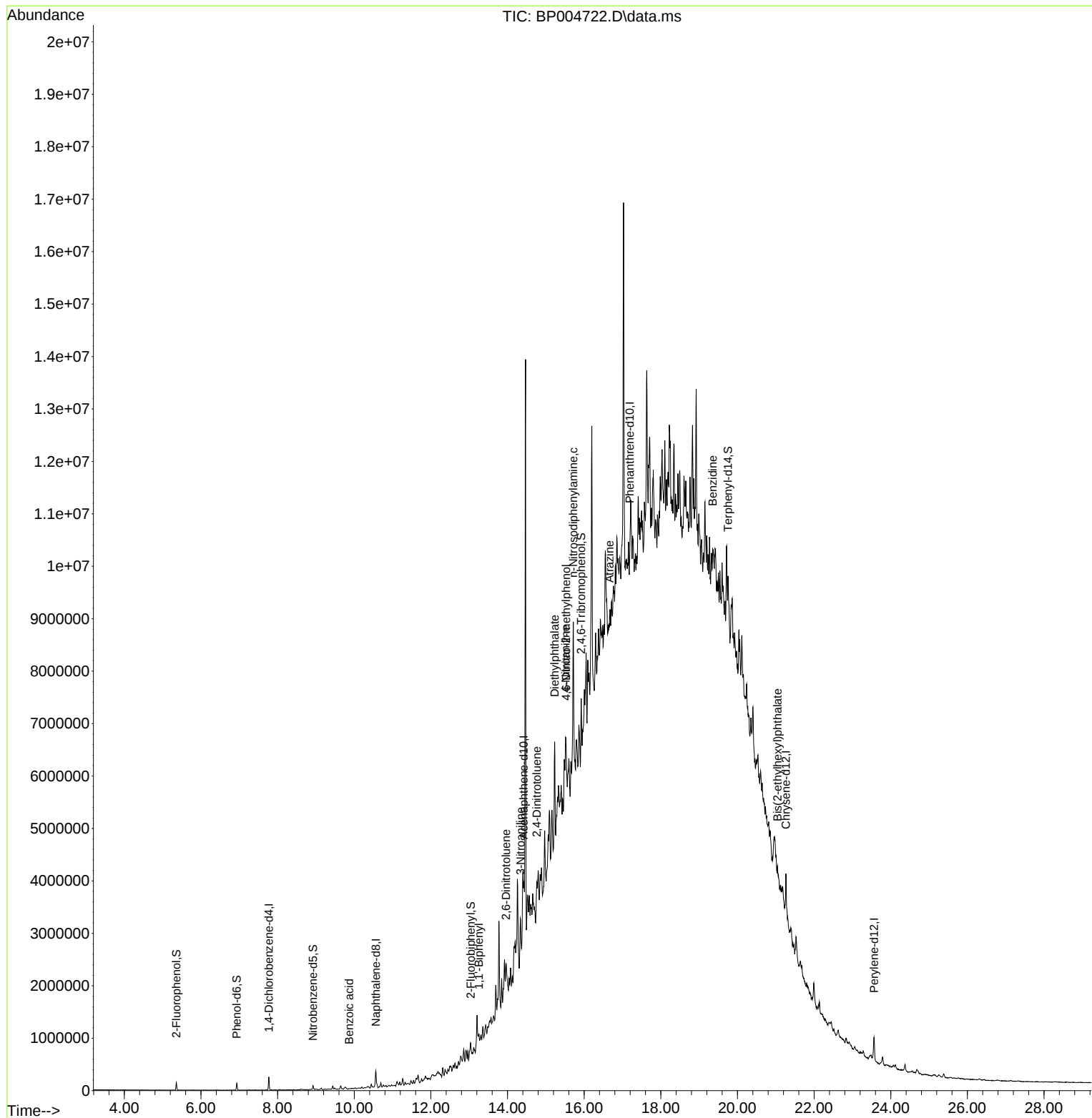
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	63179	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	231219	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	150644	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	331462	20.00	ng	# 0.02
76) Chrysene-d12	21.263	240	312774	20.00	ng	# 0.00
86) Perylene-d12	23.563	264	306657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	57665	14.09	ng	0.00
7) Phenol-d6	6.934	99	67093	11.92	ng	0.00
23) Nitrobenzene-d5	8.922	82	43927	8.28	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	25850	12.92	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	96841	7.86	ng	0.00
79) Terphenyl-d14	19.751	244	160791	8.64	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.869	122	202	6.91	ng	# 25
46) 1,1'-Biphenyl	13.251	154	30985	2.46	ng	90
51) 2,6-Dinitrotoluene	13.957	165	34269	12.83	ng	# 52
53) 3-Nitroaniline	14.340	138	18931	6.82	ng	# 47
57) 2,4-Dinitrotoluene	14.763	165	10293	2.81	ng	# 61
60) Diethylphthalate	15.228	149	33986	2.56	ng	# 25
62) 4-Nitroaniline	15.516	138	6310	2.08	ng	# 11
65) 4,6-Dinitro-2-methylph...	15.528	198	7493	3.70	ng	# 1
66) n-Nitrosodiphenylamine	15.716	169	43889	4.07	ng	# 74
69) Atrazine	16.657	200	13356	3.78	ng	# 1
77) Benzidine	19.357	184	4612	2.87	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.045	149	28246	2.16	ng	# 82

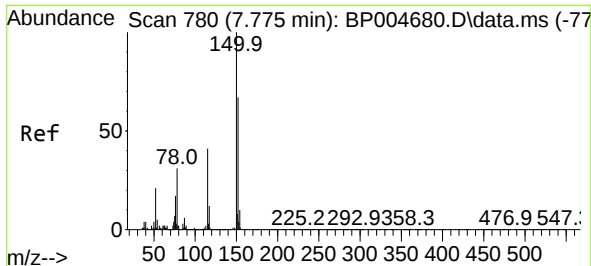
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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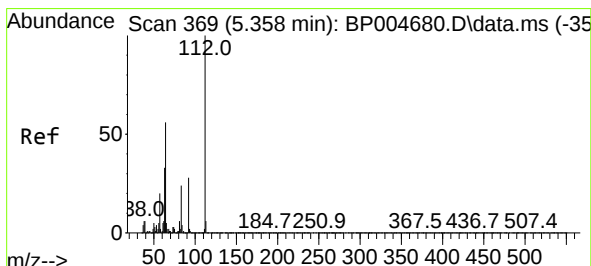
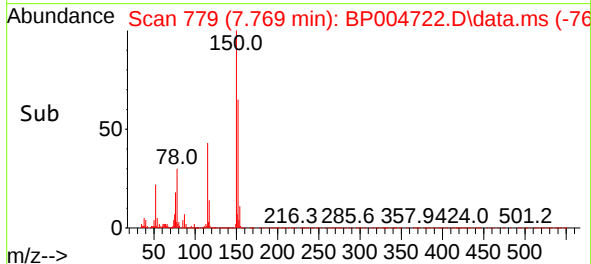
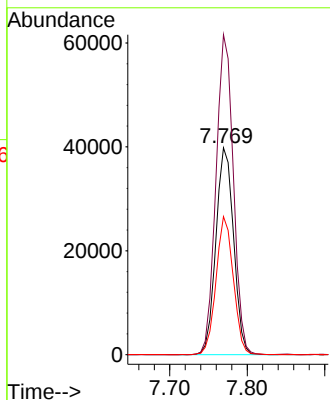
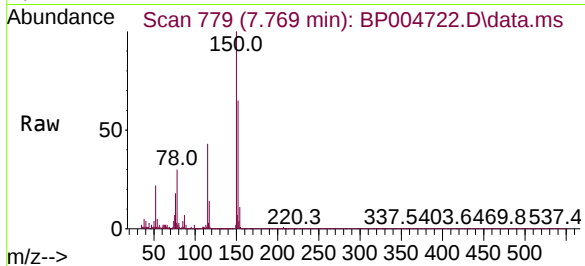




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

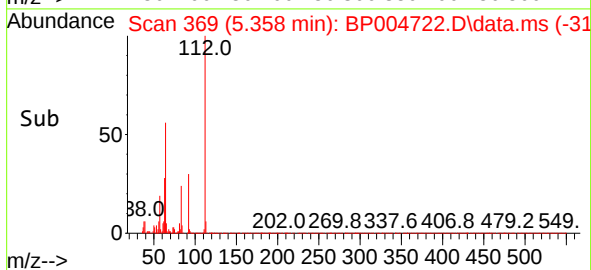
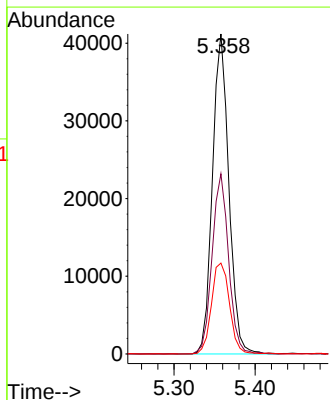
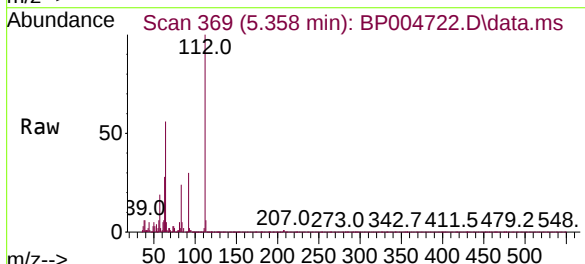
Instrument :
BNA_P
ClientSampleId :
T2429-241164

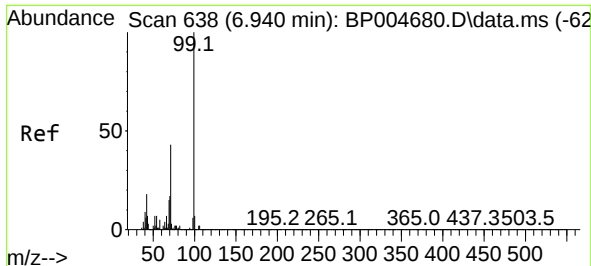
Tgt Ion:152 Resp: 63179
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 66.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 14.09 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:112 Resp: 57665
Ion Ratio Lower Upper
112 100
64 56.3 32.8 49.2#
63 28.4 17.0 25.4#

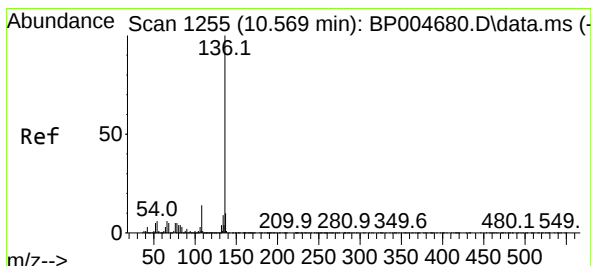
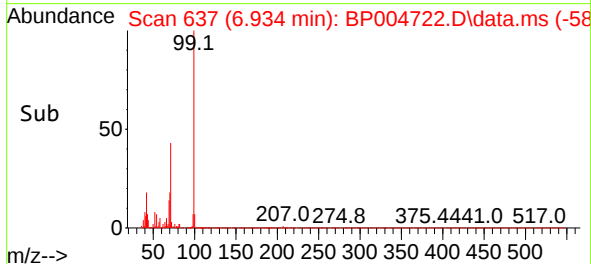
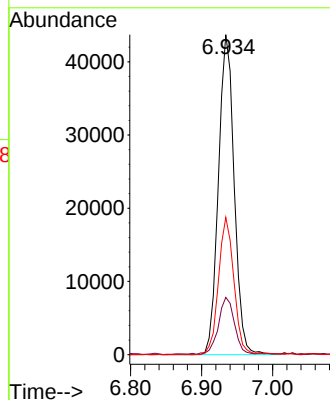
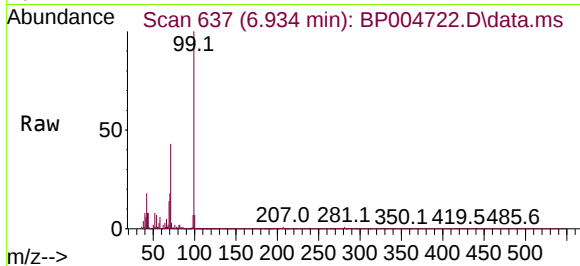




#7
Phenol-d6
Concen: 11.92 ng
RT: 6.934 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

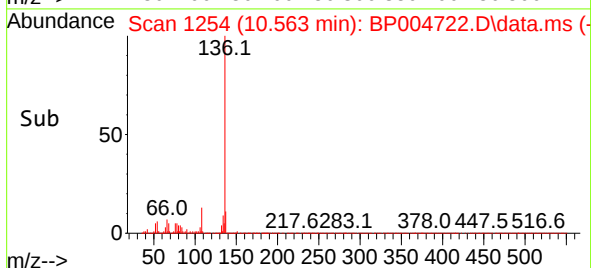
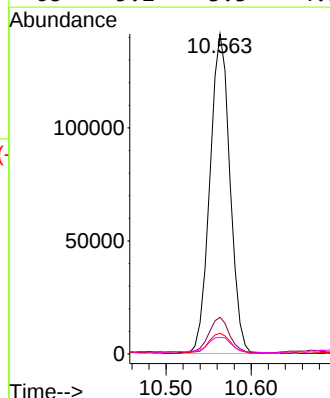
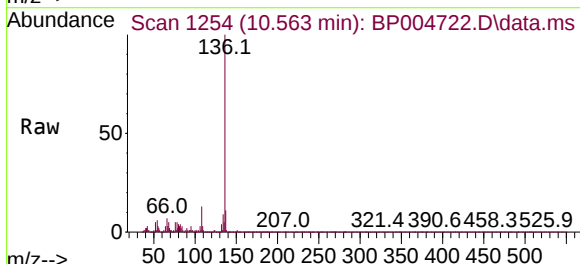
Instrument :
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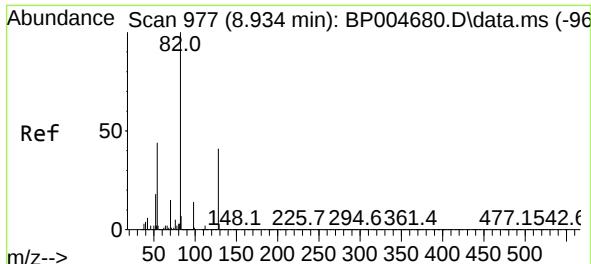
Tgt Ion: 99 Resp: 67093
Ion Ratio Lower Upper
99 100
42 17.9 8.6 13.0#
71 42.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion: 136 Resp: 231219
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 6.5 3.6 5.4#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.28 ng

RT: 8.922 min Scan# 975

Delta R.T. -0.012 min

Lab File: BP004722.D

Acq: 11 Feb 2021 18:32

Instrument :

BNA_P

ClientSampleId :

T2429-241164

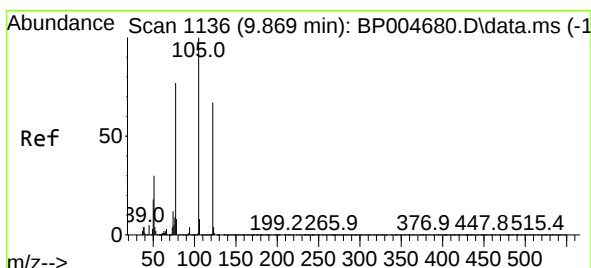
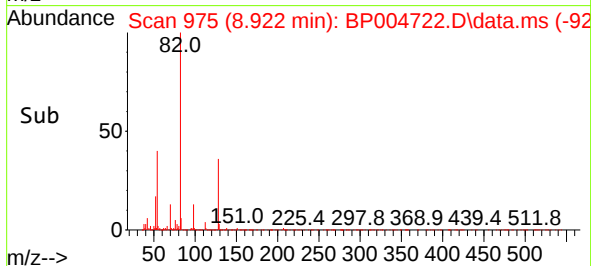
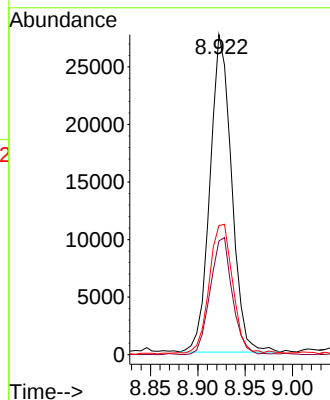
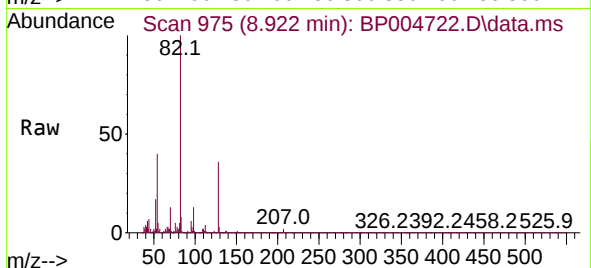
Tgt Ion: 82 Resp: 43927

Ion Ratio Lower Upper

82 100

128 35.6 45.6 68.4#

54 40.4 30.1 45.1



#32

Benzoic acid

Concen: 6.91 ng

RT: 9.869 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP004722.D

Acq: 11 Feb 2021 18:32

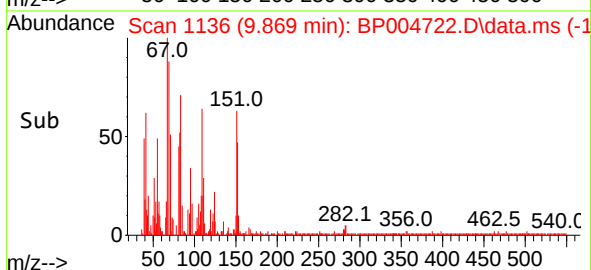
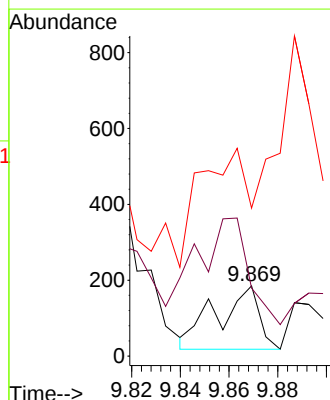
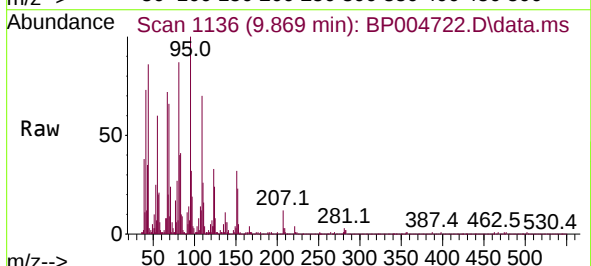
Tgt Ion: 122 Resp: 202

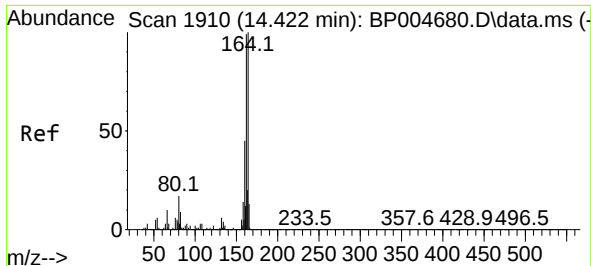
Ion Ratio Lower Upper

122 100

105 96.8 94.1 134.1

77 210.8 50.1 90.1#

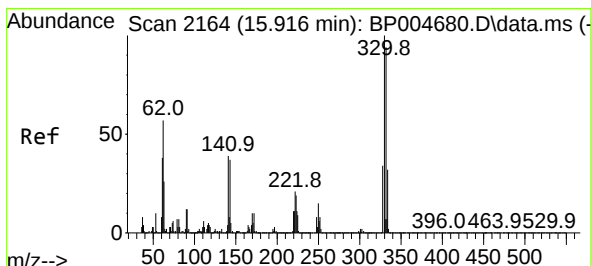
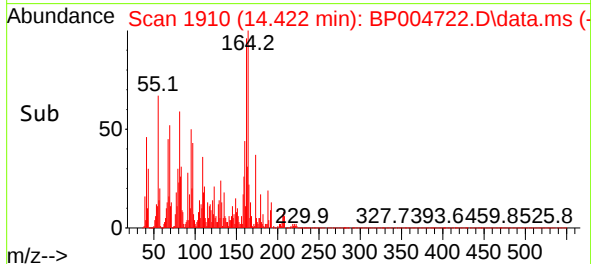
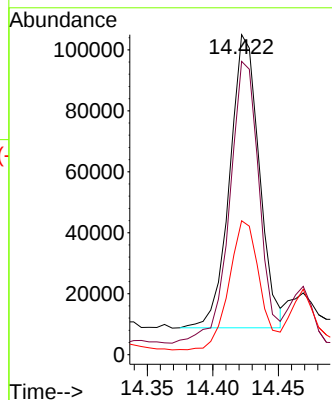
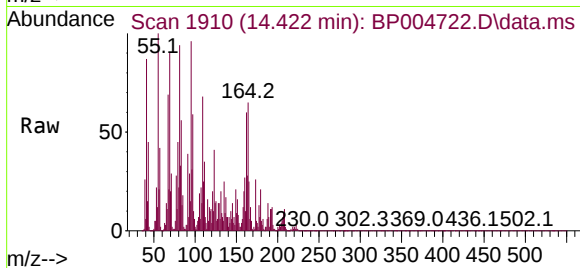




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

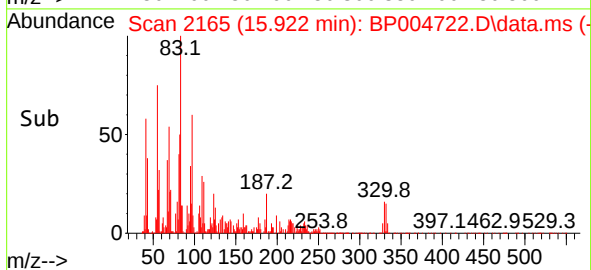
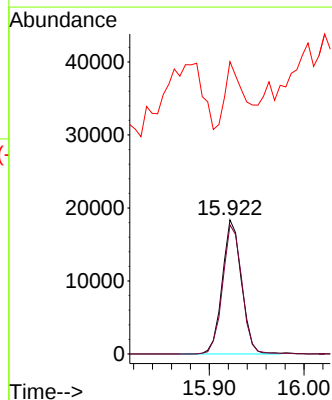
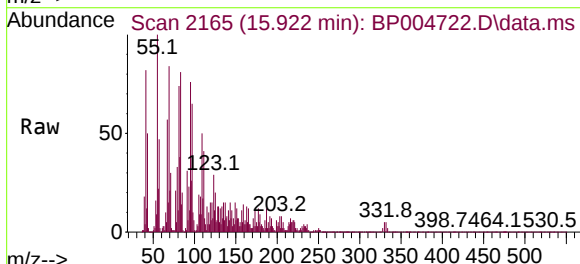
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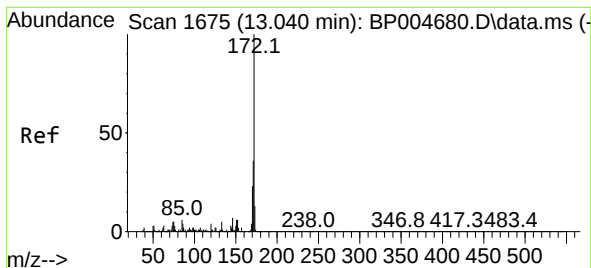
Tgt Ion:164 Resp: 150644
Ion Ratio Lower Upper
164 100
162 91.6 79.4 119.2
160 41.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.92 ng
RT: 15.922 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:330 Resp: 25850
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 51.7 23.4 35.2#

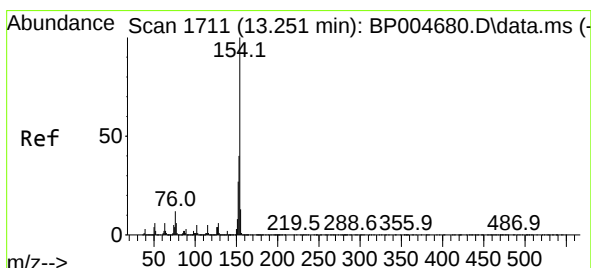
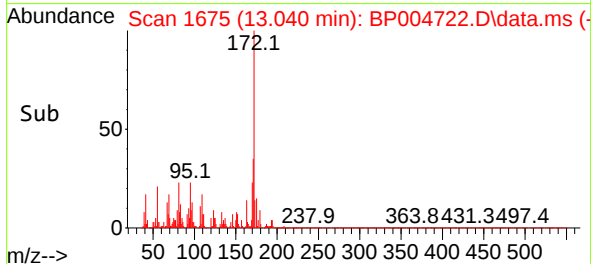
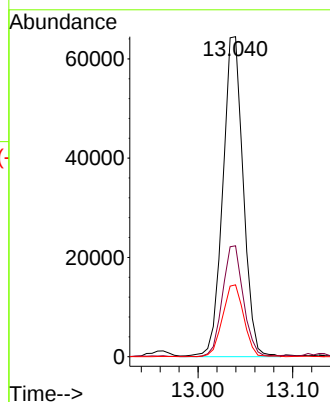
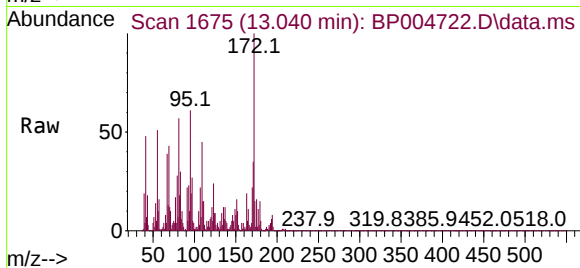




#45
2-Fluorobiphenyl
Concen: 7.86 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

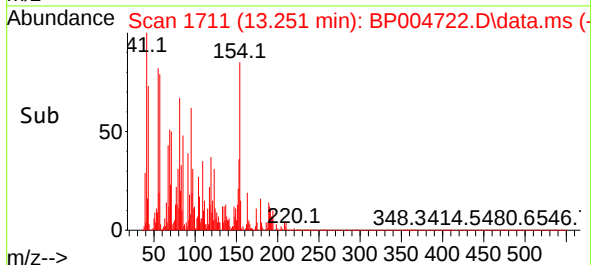
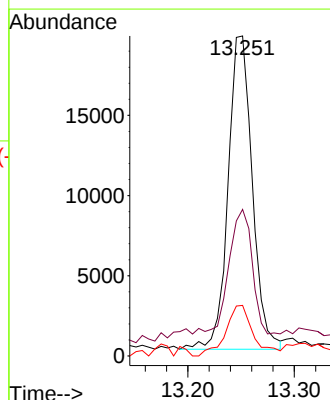
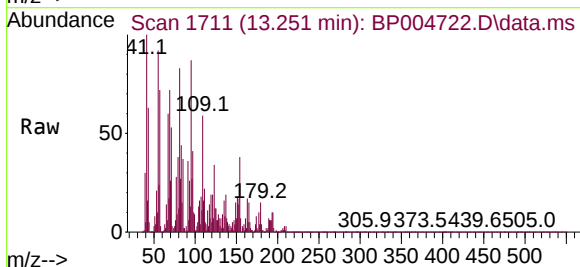
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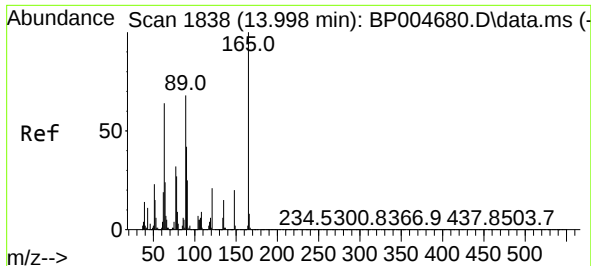
Tgt Ion:	172	Resp:	96841
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.5	42.7
170	22.4	19.2	28.8



#46
1,1'-Biphenyl
Concen: 2.46 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:	154	Resp:	30985
Ion Ratio	Lower	Upper	
154	100		
153	45.8	20.4	60.4
76	15.8	0.0	29.3

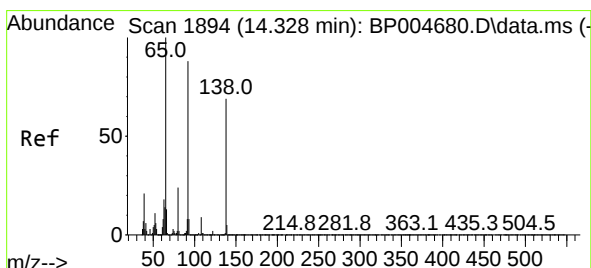
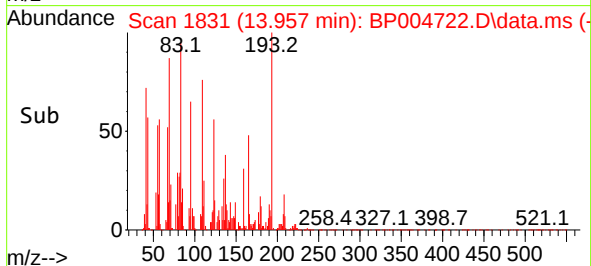
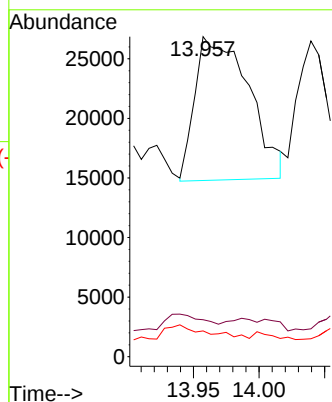
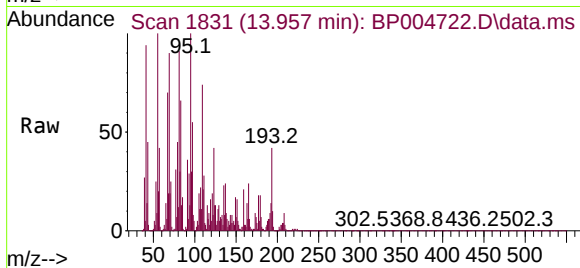




#51
2,6-Dinitrotoluene
Concen: 12.83 ng
RT: 13.957 min Scan# 1831
Delta R.T. -0.041 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

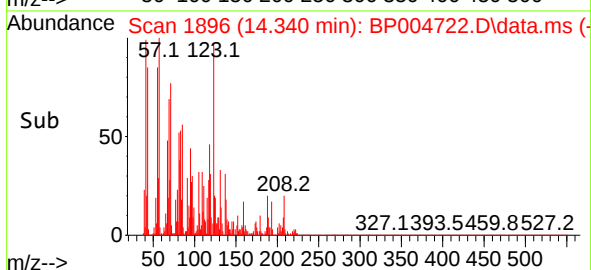
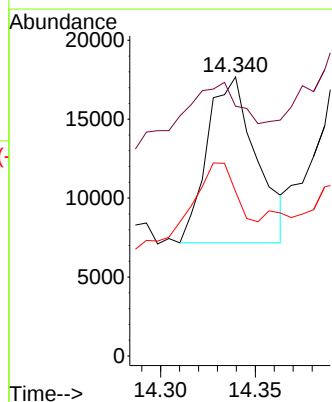
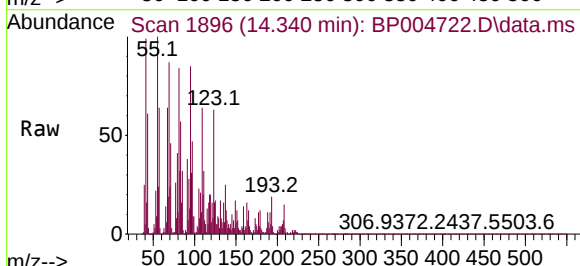
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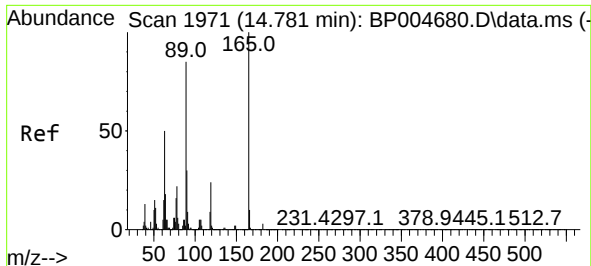
Tgt Ion:165 Resp: 34269
Ion Ratio Lower Upper
165 100
63 11.6 27.8 41.6#
89 8.0 34.6 52.0#



#53
3-Nitroaniline
Concen: 6.82 ng
RT: 14.340 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:138 Resp: 18931
Ion Ratio Lower Upper
138 100
108 89.5 7.5 11.3#
92 58.9 75.0 112.6#

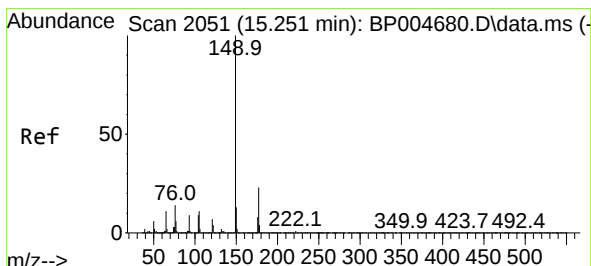
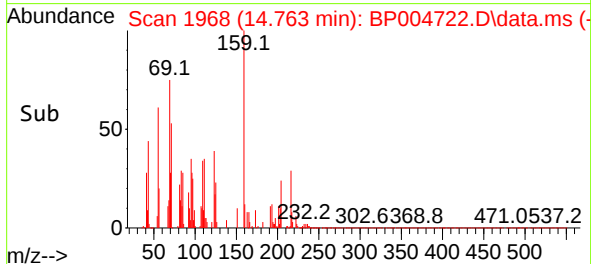
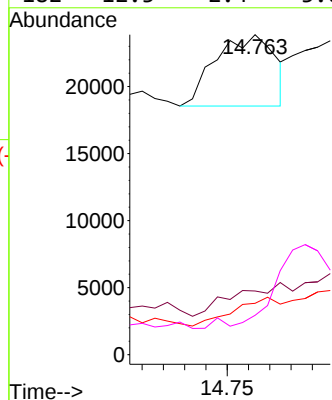
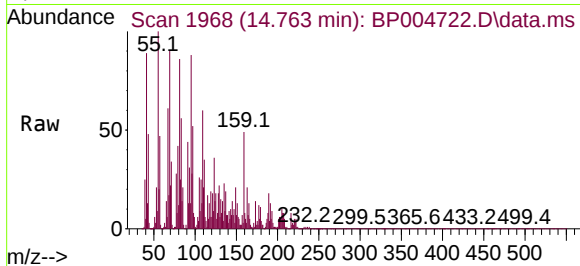




#57
2,4-Dinitrotoluene
Concen: 2.81 ng
RT: 14.763 min Scan# 1968
Delta R.T. -0.018 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

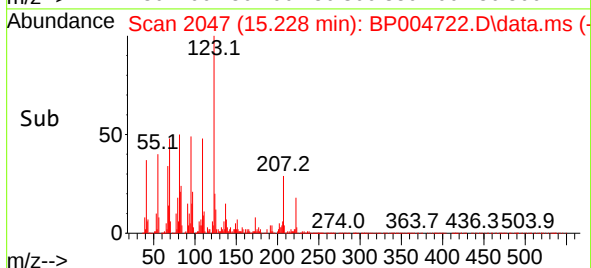
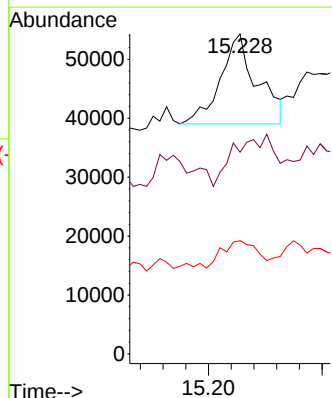
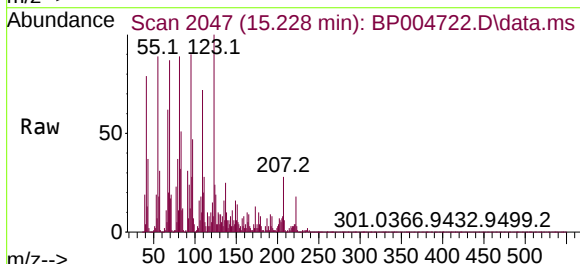
Instrument :
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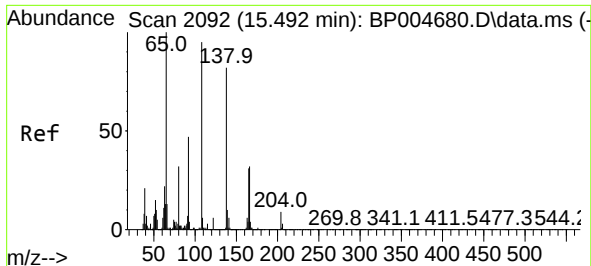
Tgt Ion:165 Resp: 10293
Ion Ratio Lower Upper
165 100
63 19.9 20.6 31.0#
89 16.0 42.6 63.8#
182 12.3 2.4 3.6#



#60
Diethylphthalate
Concen: 2.56 ng
RT: 15.228 min Scan# 2047
Delta R.T. -0.023 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:149 Resp: 33986
Ion Ratio Lower Upper
149 100
177 63.0 18.0 27.0#
150 35.4 10.0 15.0#

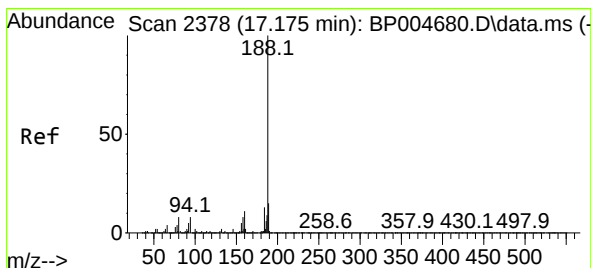
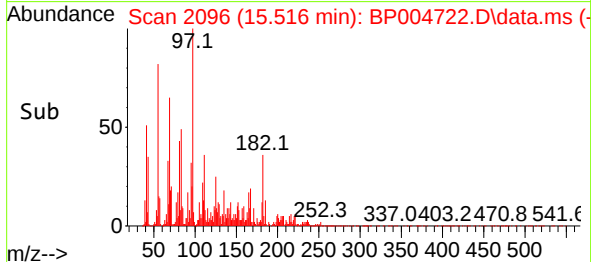
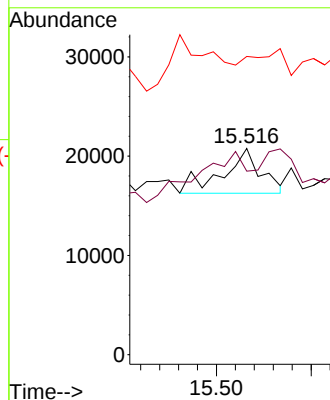
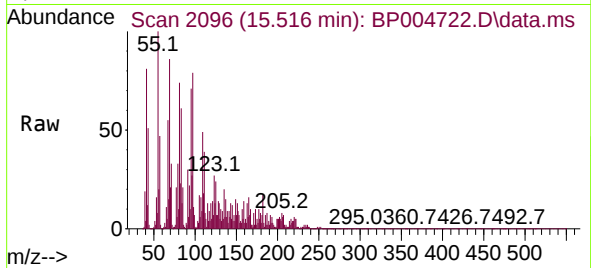




#62
4-Nitroaniline
Concen: 2.08 ng
RT: 15.516 min Scan# 2096
Delta R.T. 0.024 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

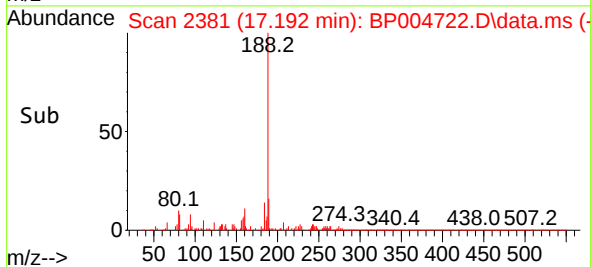
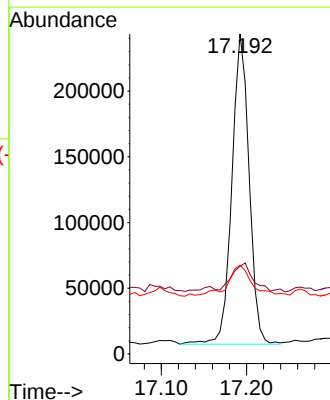
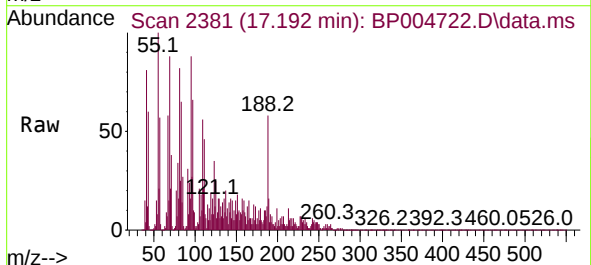
Instrument :
BNA_P
ClientSampleId :
T2429-241164

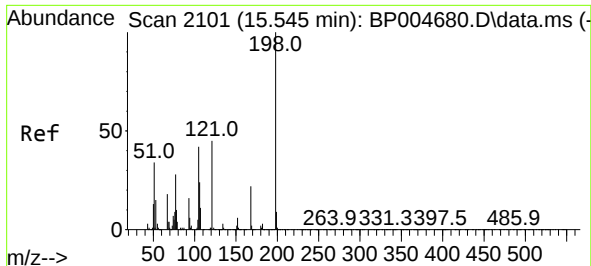
Tgt Ion:138 Resp: 6310
Ion Ratio Lower Upper
138 100
92 89.0 20.7 60.7#
108 144.6 47.8 87.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2381
Delta R.T. 0.018 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:188 Resp: 331462
Ion Ratio Lower Upper
188 100
94 27.4 6.2 9.2#
80 27.7 6.2 9.2#

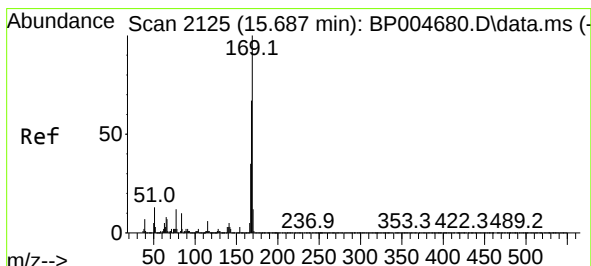
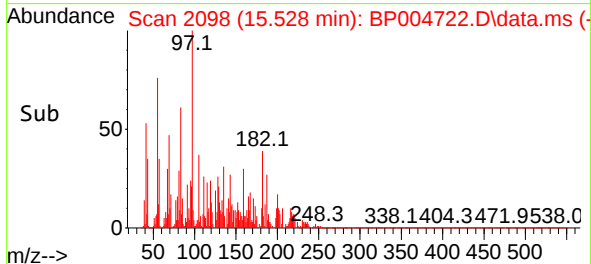
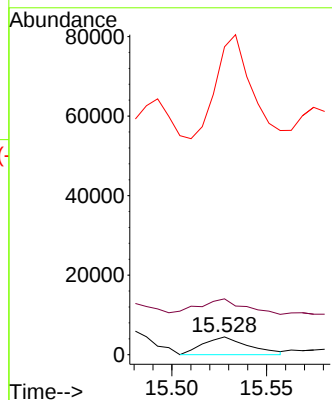
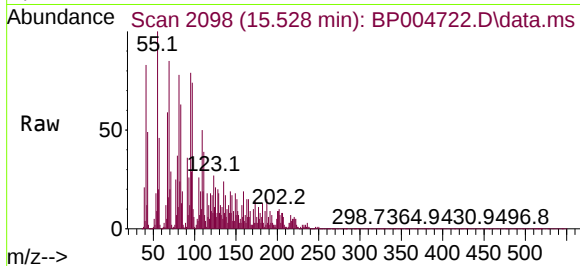




#65
4,6-Dinitro-2-methylphenol
Concen: 3.70 ng
RT: 15.528 min Scan# 2098
Delta R.T. -0.018 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

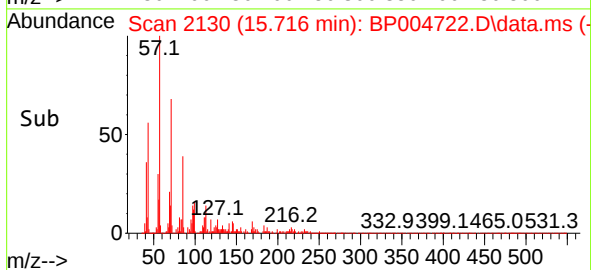
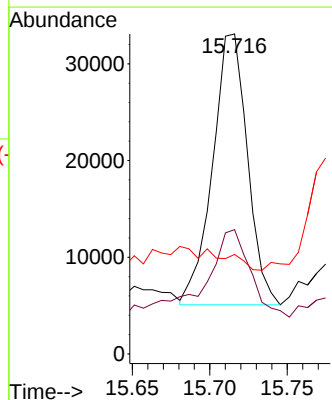
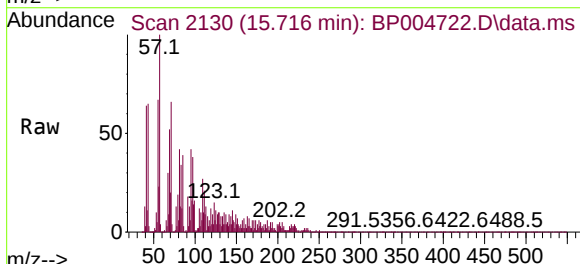
Instrument :
BNA_P
ClientSampleId :
T2429-241164

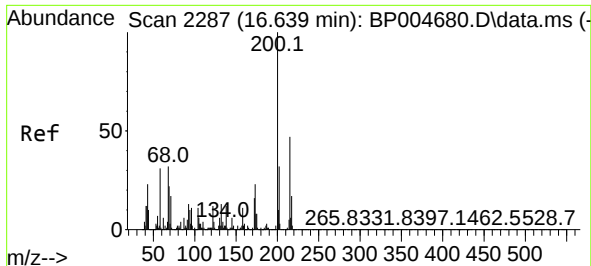
Tgt Ion:198 Resp: 7493
Ion Ratio Lower Upper
198 100
51 315.5 6.4 46.4#
105 1738.9 18.9 58.9#



#66
n-Nitrosodiphenylamine
Concen: 4.07 ng
RT: 15.716 min Scan# 2130
Delta R.T. 0.029 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:169 Resp: 43889
Ion Ratio Lower Upper
169 100
168 38.9 53.8 80.6#
167 31.1 28.9 43.3

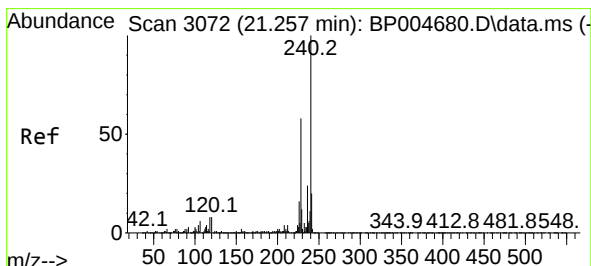
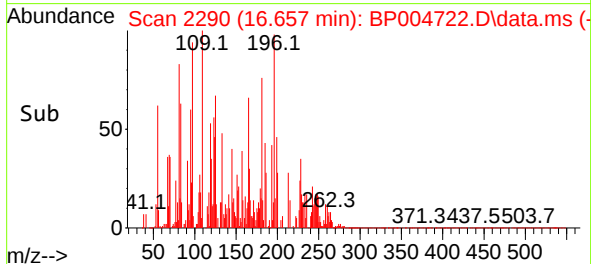
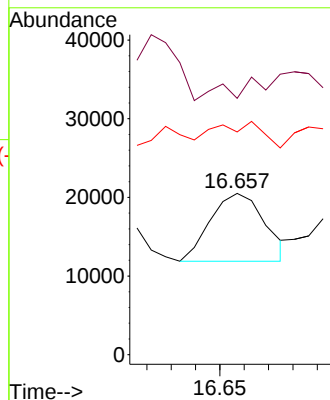
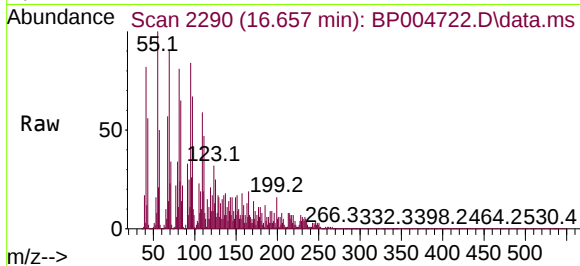




#69
Atrazine
Concen: 3.78 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

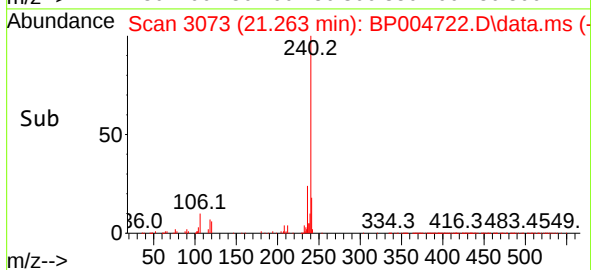
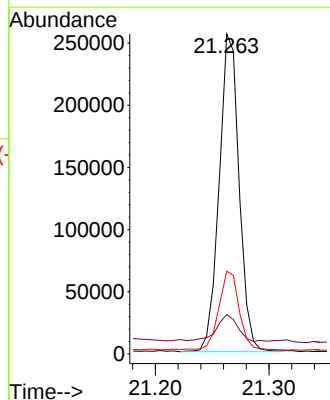
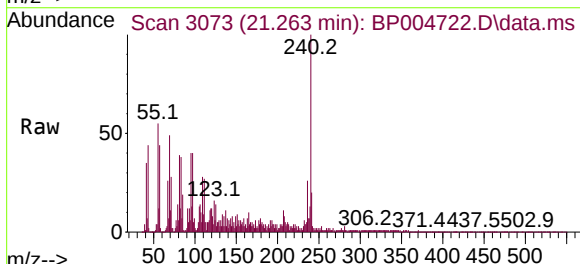
Instrument :
BNA_P
ClientSampleId :
T2429-241164

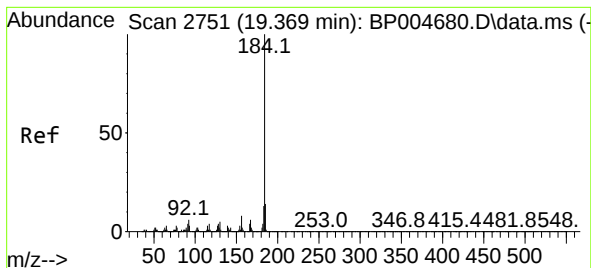
Tgt Ion:200 Resp: 13356
Ion Ratio Lower Upper
200 100
173 158.9 5.9 45.9#
215 138.1 28.4 68.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:240 Resp: 312774
Ion Ratio Lower Upper
240 100
120 12.3 7.8 11.6#
236 25.9 20.8 31.2





#77

Benzidine

Concen: 2.87 ng

RT: 19.357 min Scan# 2749

Delta R.T. -0.012 min

Lab File: BP004722.D

Acq: 11 Feb 2021 18:32

Instrument :

BNA_P

ClientSampleId :

T2429-241164

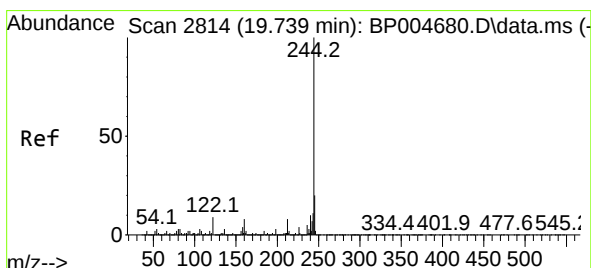
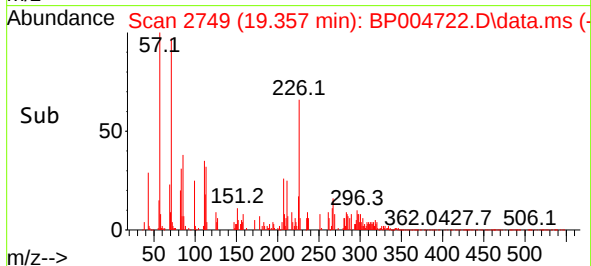
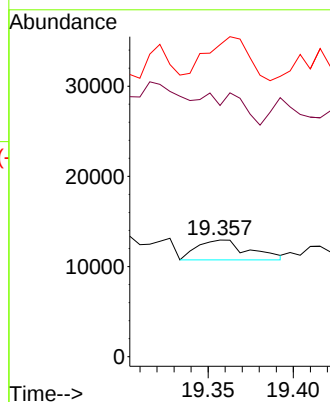
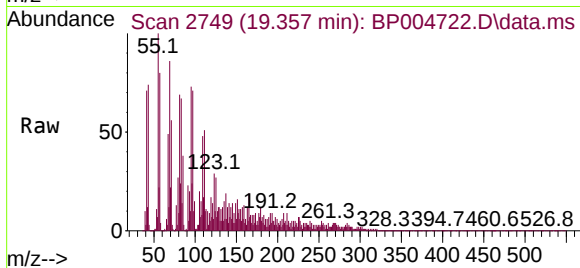
Tgt Ion:184 Resp: 4612

Ion Ratio Lower Upper

184 100

185 215.3 11.5 17.3#

183 267.3 9.6 14.4#



#79

Terphenyl-d14

Concen: 8.64 ng

RT: 19.751 min Scan# 2816

Delta R.T. 0.012 min

Lab File: BP004722.D

Acq: 11 Feb 2021 18:32

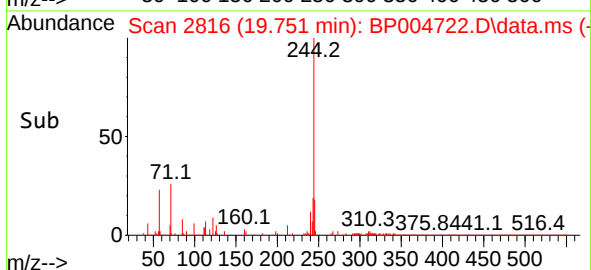
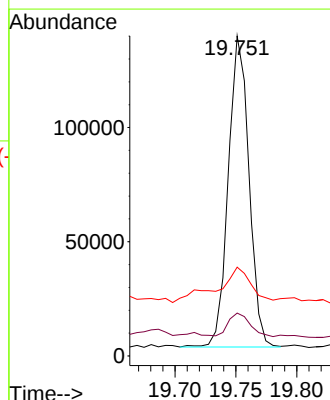
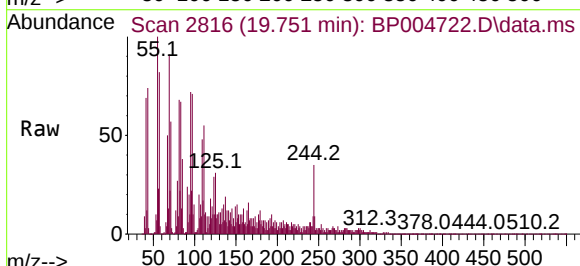
Tgt Ion:244 Resp: 160791

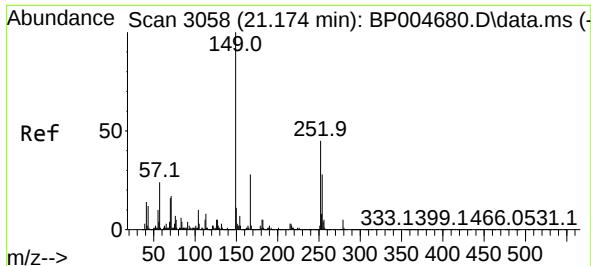
Ion Ratio Lower Upper

244 100

212 13.4 5.8 8.6#

122 27.8 7.8 11.8#

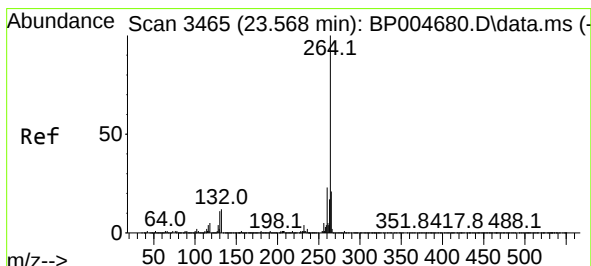
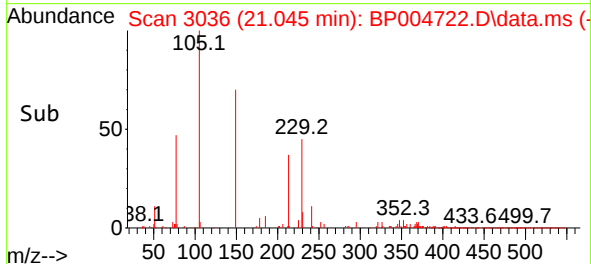
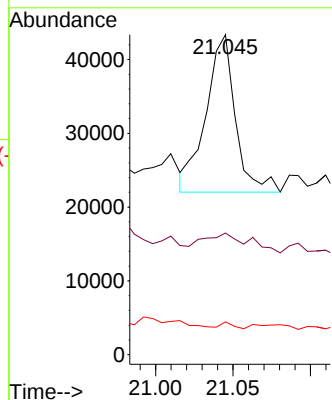
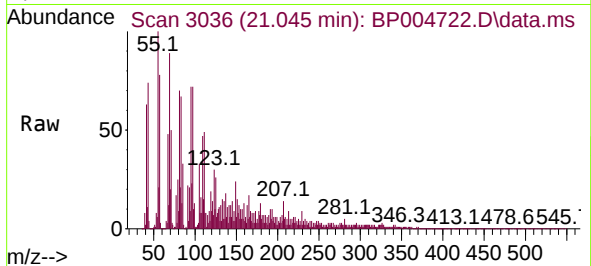




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.045 min Scan# 3036
Delta R.T. -0.129 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Instrument :
BNA_P
ClientSampleId :
T2429-241164

Tgt Ion:149 Resp: 28246
Ion Ratio Lower Upper
149 100
167 38.0 22.6 34.0#
279 10.3 4.2 6.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.563 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BP004722.D
Acq: 11 Feb 2021 18:32

Tgt Ion:264 Resp: 306657
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.9 17.4 26.2

