

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005646.D
 Acq On : 28 May 2021 19:11
 Operator : CG/JU
 Sample : M2551-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP1

Quant Time: May 28 22:53:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

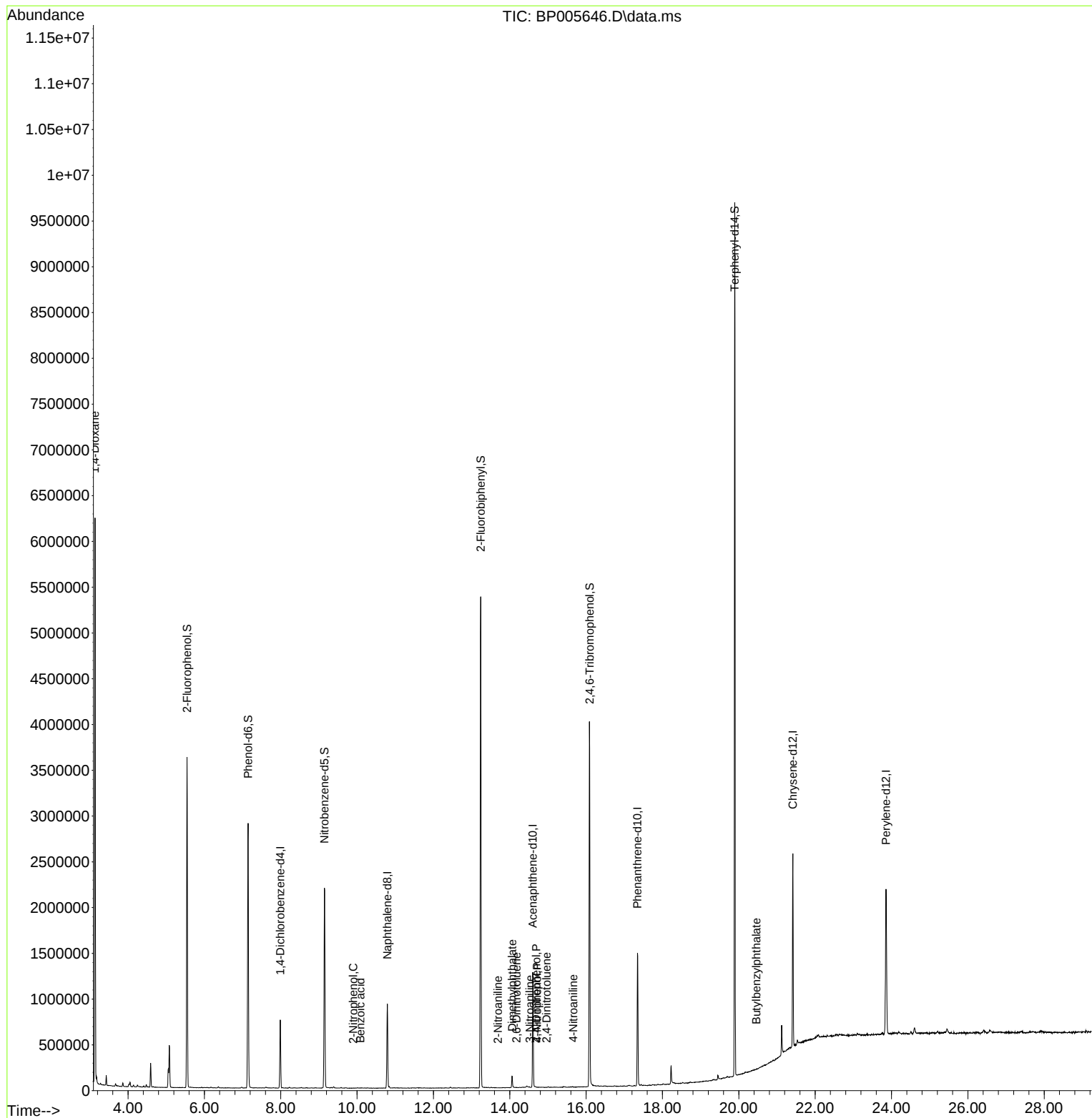
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	193256	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	738734	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	421935	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	867094	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	976365	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1172167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1485109	119.48	ng	0.00
7) Phenol-d6	7.146	99	1597796	94.29	ng	0.00
23) Nitrobenzene-d5	9.146	82	1258863	94.77	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	763913	141.19	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2671327	83.79	ng	0.00
79) Terphenyl-d14	19.892	244	4173752	80.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	28380	4.99	ng	# 33
26) 2-Nitrophenol	9.899	139	20	4.16	ng	# 1
32) Benzoic acid	10.087	122	369	5.07	ng	# 76
48) 2-Nitroaniline	13.687	65	138	4.51	ng	# 53
50) Dimethylphthalate	14.063	163	81532	2.43	ng	# 98
51) 2,6-Dinitrotoluene	14.175	165	195	5.08	ng	# 72
53) 3-Nitroaniline	14.528	138	79	3.66	ng	# 71
54) 2,4-Dinitrophenol	14.698	184	20	6.53	ng	# 1
56) 4-Nitrophenol	14.716	139	112	3.76	ng	95
57) 2,4-Dinitrotoluene	14.963	165	229	4.28	ng	# 77
62) 4-Nitroaniline	15.663	138	116	3.64	ng	# 79
80) Butylbenzylphthalate	20.457	149	573	4.15	ng	92

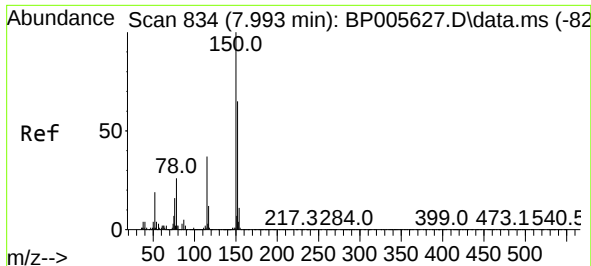
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
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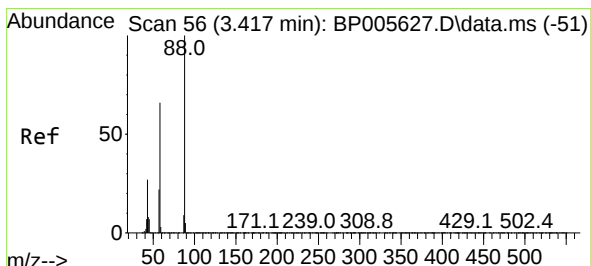
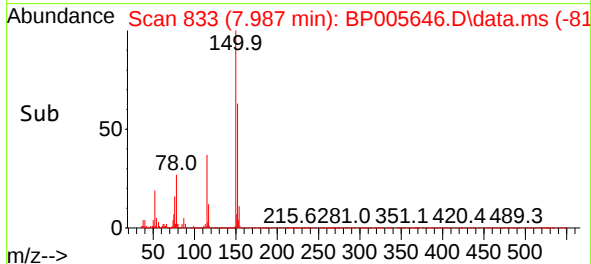
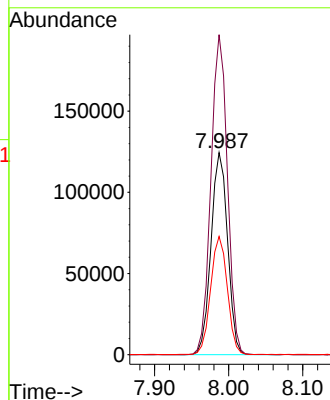
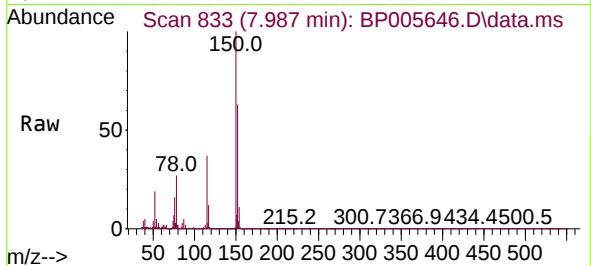




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

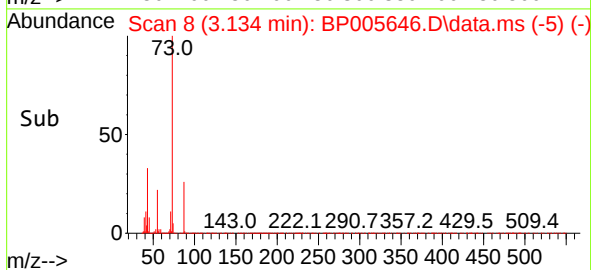
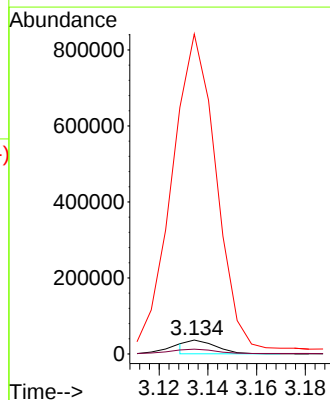
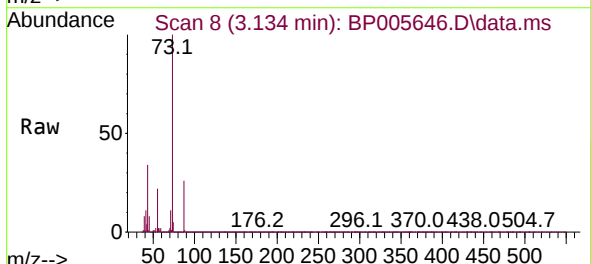
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

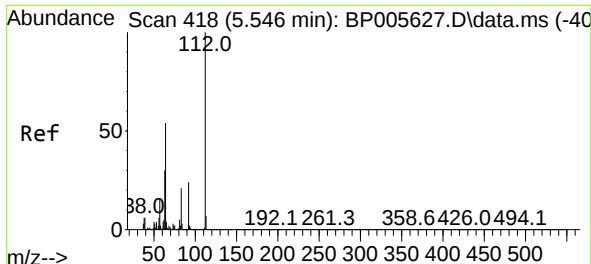
Tgt Ion:152 Resp: 193256
Ion Ratio Lower Upper
152 100
150 158.3 119.8 179.8
115 58.5 49.0 73.4



#2
1,4-Dioxane
Concen: 4.99 ng
RT: 3.134 min Scan# 8
Delta R.T. -0.282 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion: 88 Resp: 28380
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 0.0 19.8 29.8#

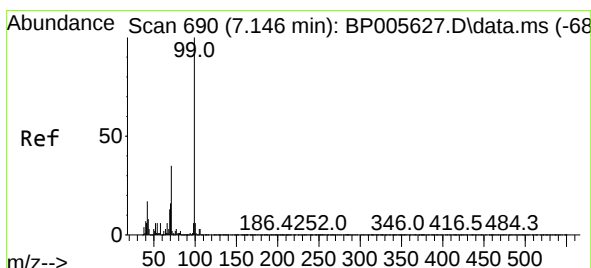
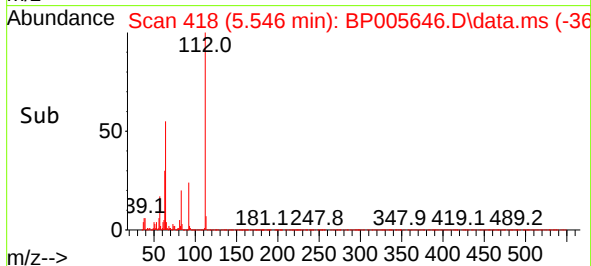
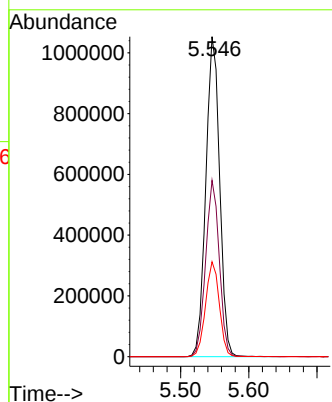
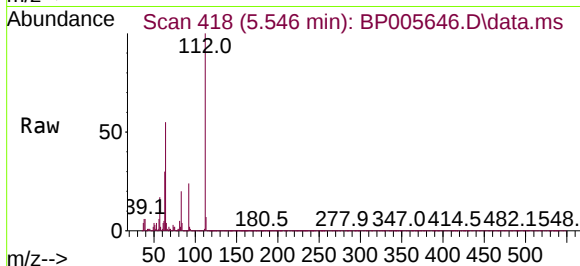




#5
2-Fluorophenol
Concen: 119.48 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

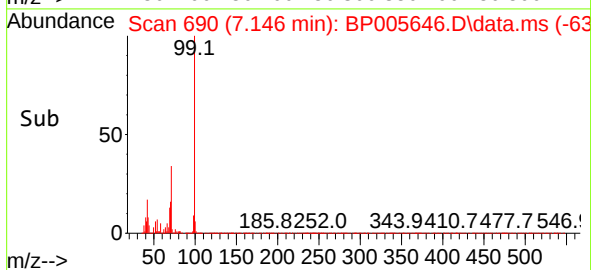
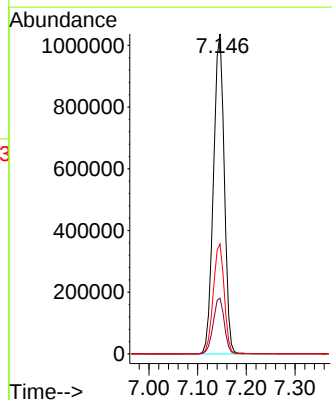
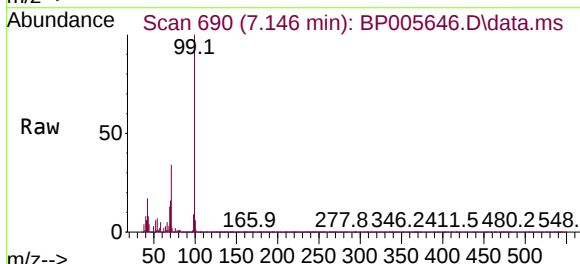
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

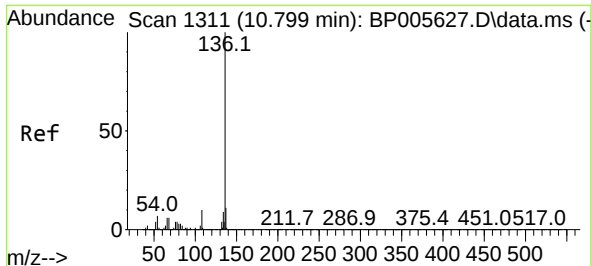
Tgt Ion:112 Resp: 1485109
Ion Ratio Lower Upper
112 100
64 55.1 33.6 50.4#
63 29.6 18.6 27.8#



#7
Phenol-d6
Concen: 94.29 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion: 99 Resp: 1597796
Ion Ratio Lower Upper
99 100
42 17.4 12.9 19.3
71 34.4 26.7 40.1

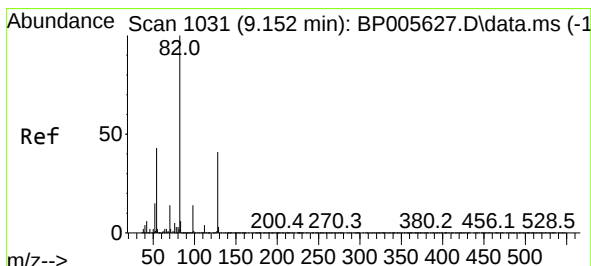
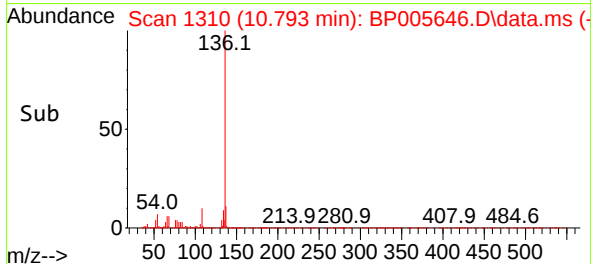
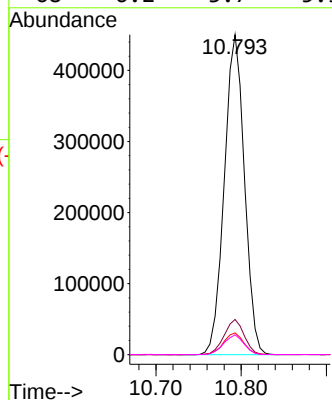
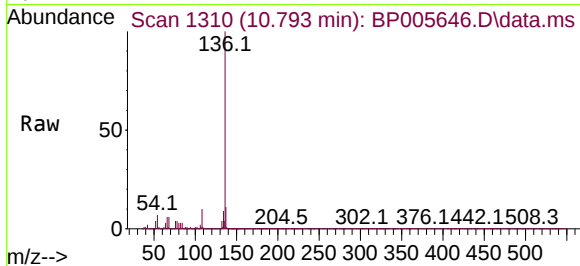




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

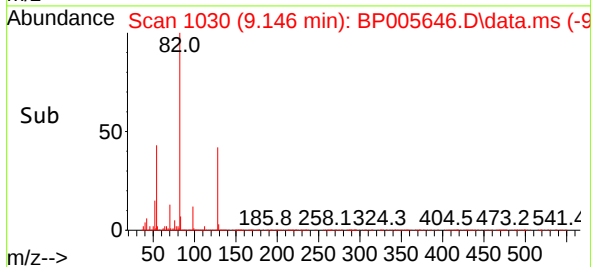
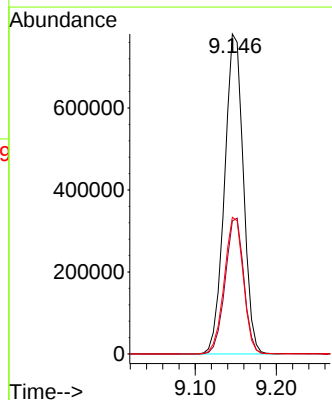
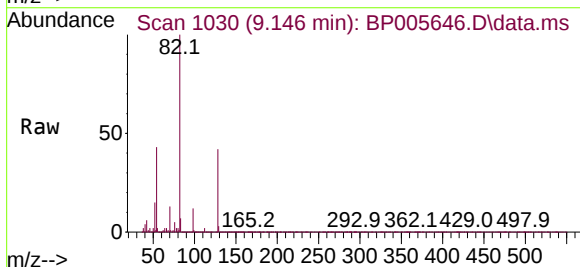
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

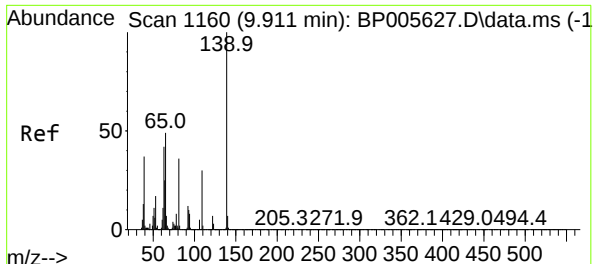
Tgt Ion:	136	Resp:	738734
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.8	5.0	7.4
68	6.2	3.7	5.5



#23
Nitrobenzene-d5
Concen: 94.77 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:	82	Resp:	1258863
Ion Ratio	Lower	Upper	
82	100		
128	41.5	30.5	45.7
54	42.7	33.9	50.9

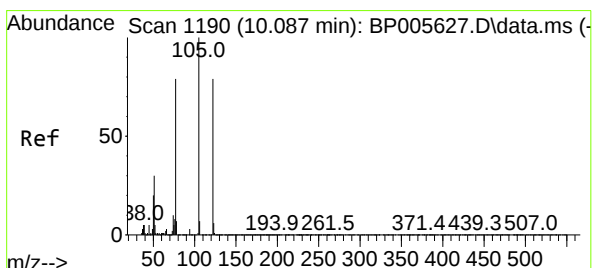
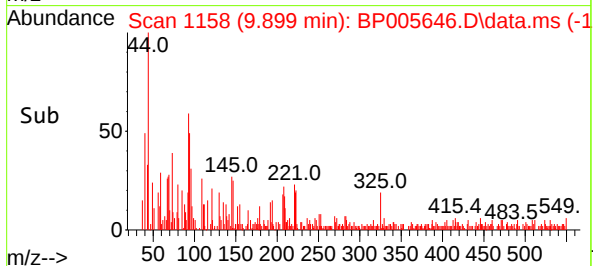
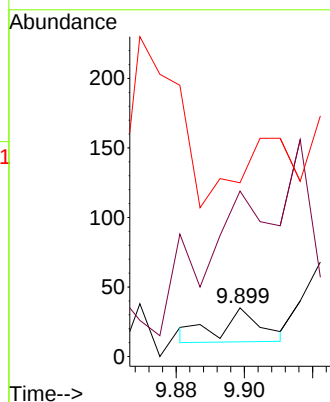
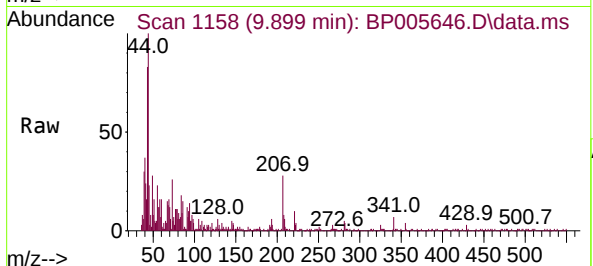




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

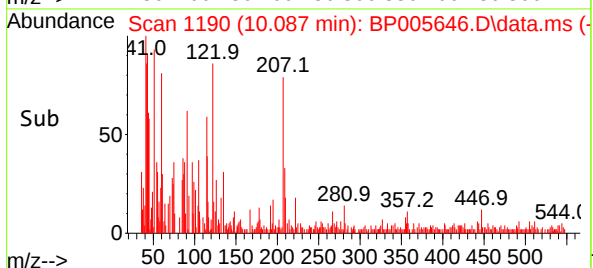
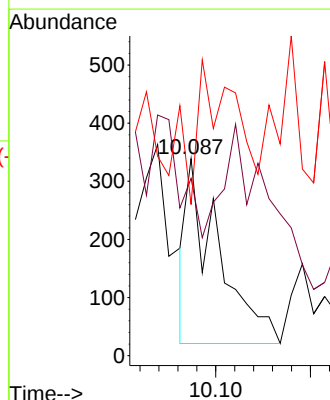
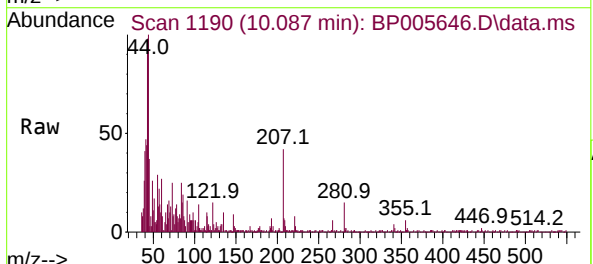
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

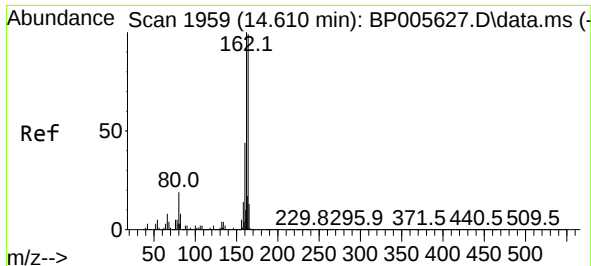
Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 340.0 40.7 61.1#
65 357.1 47.8 71.6#



#32
Benzoic acid
Concen: 5.07 ng
RT: 10.087 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:122 Resp: 369
Ion Ratio Lower Upper
122 100
105 90.0 105.1 145.1#
77 76.7 69.6 109.6

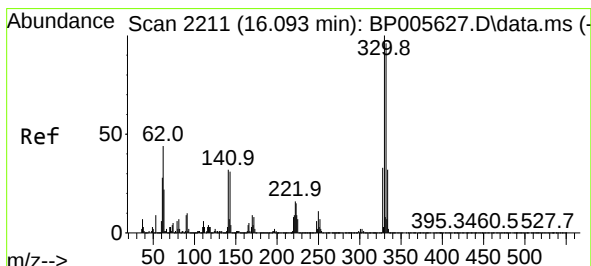
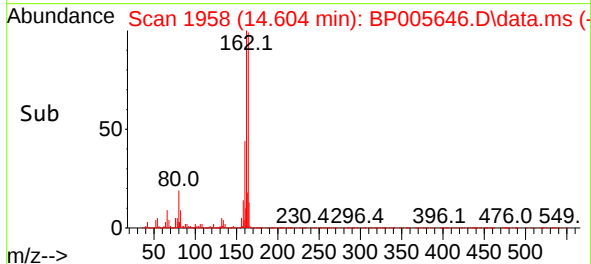
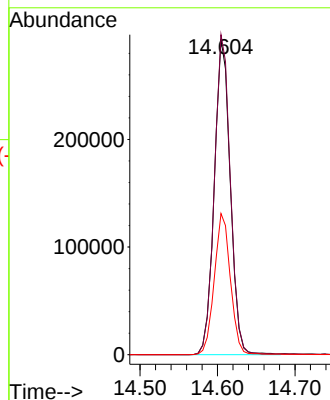
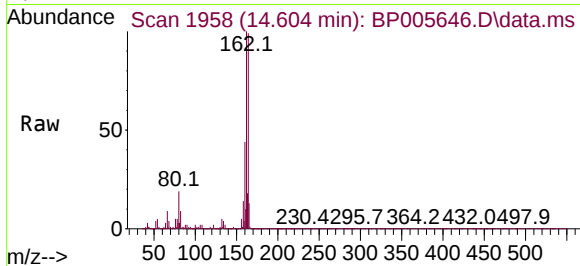




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

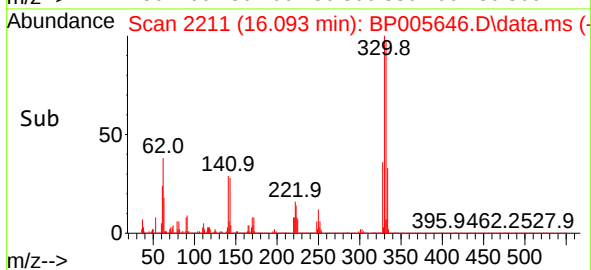
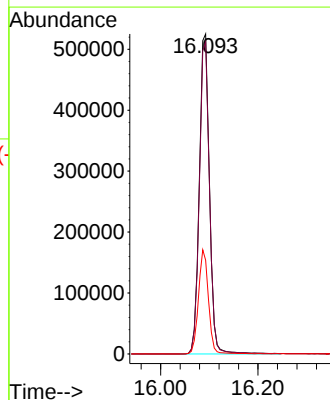
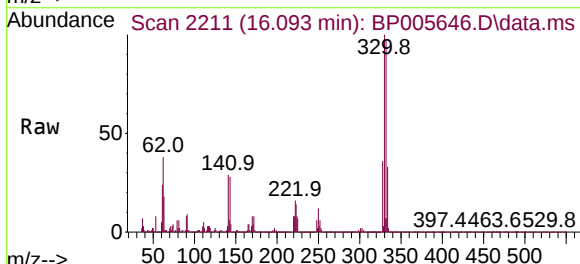
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ClientSampleId :
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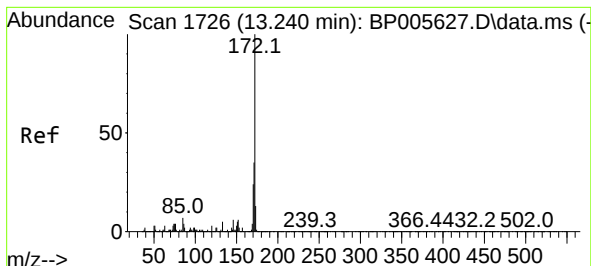
Tgt Ion:164 Resp: 421935
Ion Ratio Lower Upper
164 100
162 101.5 73.5 110.3
160 44.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 141.19 ng
RT: 16.093 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:330 Resp: 763913
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 31.9 22.8 34.2

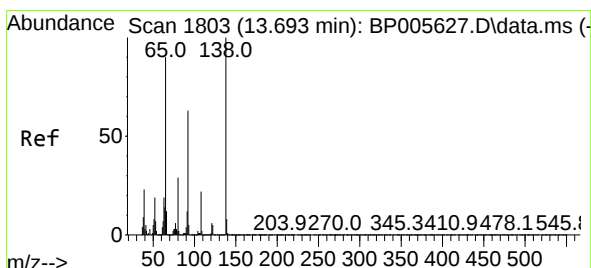
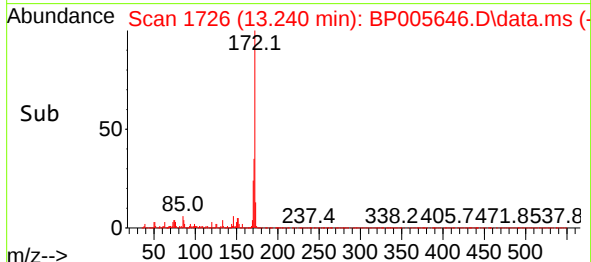
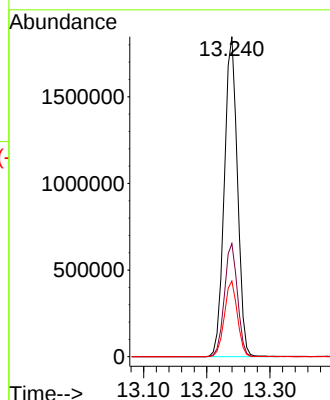
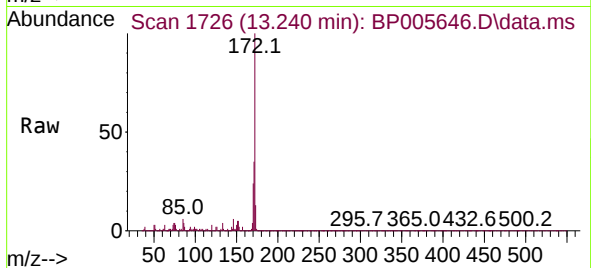




#45
2-Fluorobiphenyl
Concen: 83.79 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

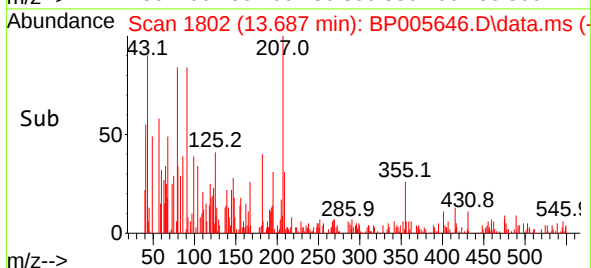
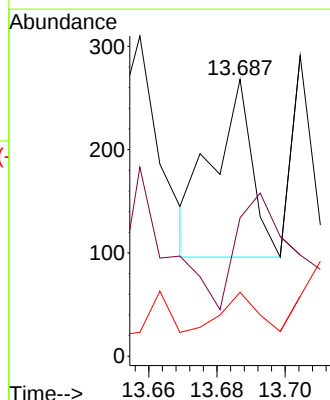
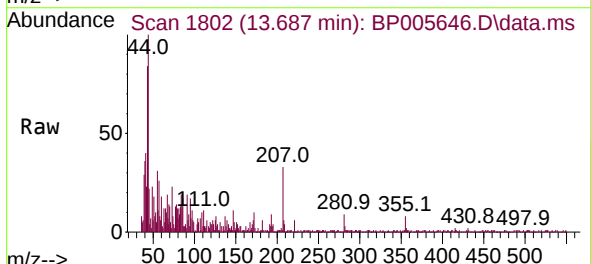
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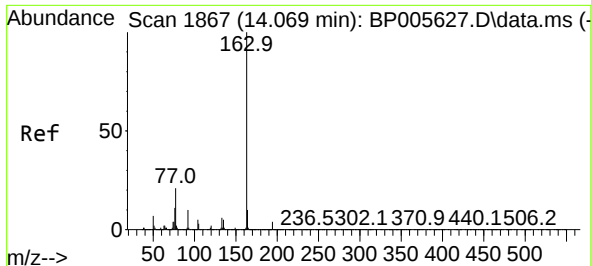
Tgt Ion:172 Resp: 2671327
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.6 29.4



#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion: 65 Resp: 138
Ion Ratio Lower Upper
65 100
92 50.0 48.8 73.2
138 23.1 69.5 104.3#

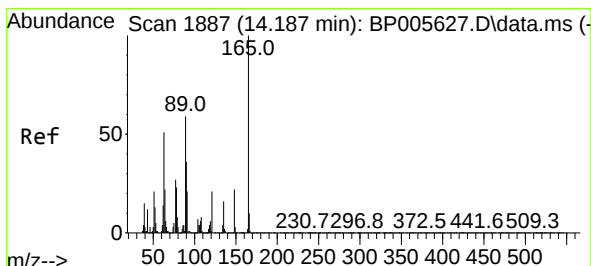
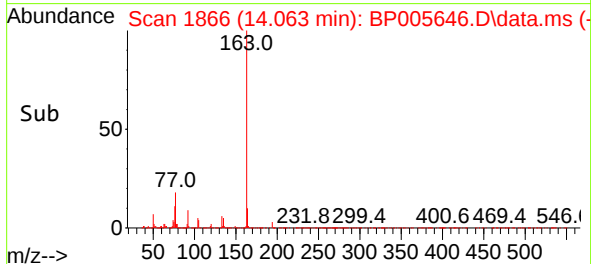
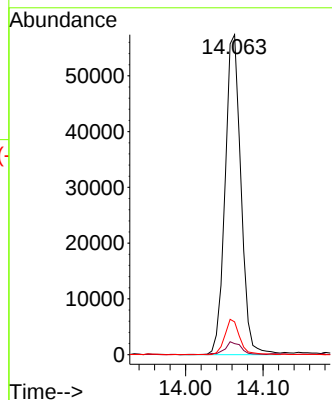
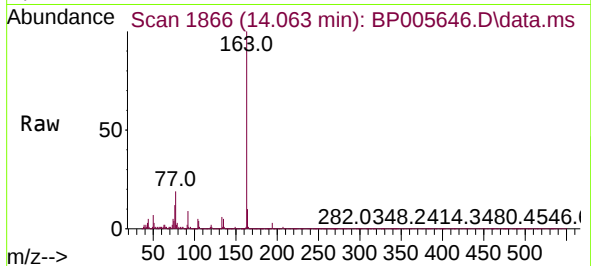




#50
Dimethylphthalate
Concen: 2.43 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

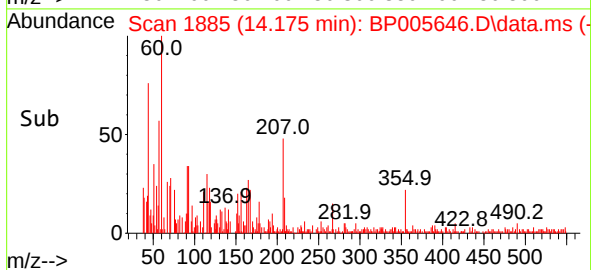
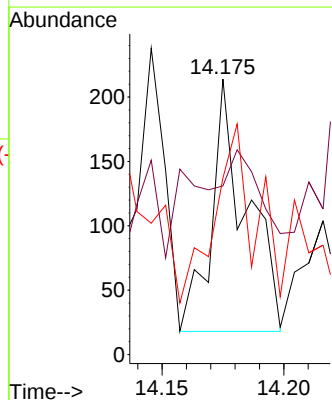
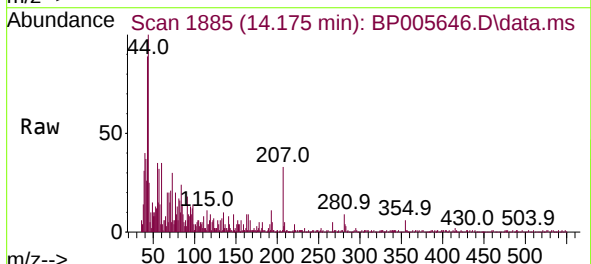
Instrument :
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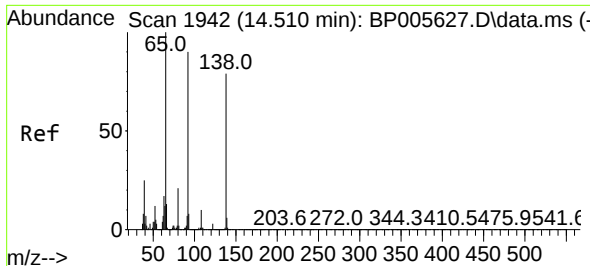
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Ion Ratio Lower Upper
163 100
194 3.5 3.9 5.9#
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:165 Resp: 195
Ion Ratio Lower Upper
165 100
63 61.2 67.4 101.0#
89 64.0 73.8 110.6#

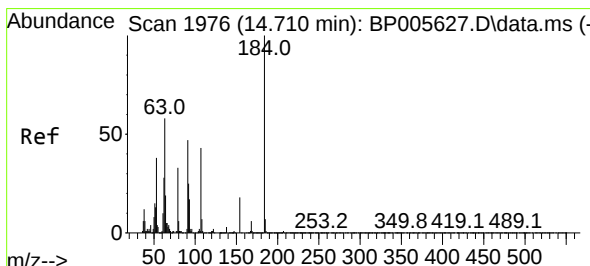
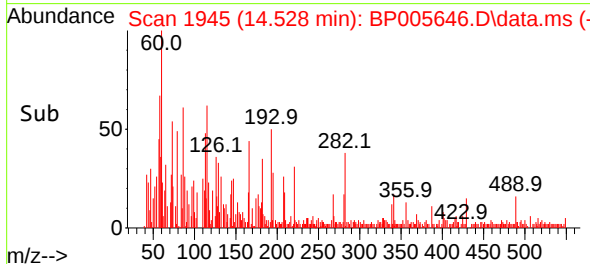
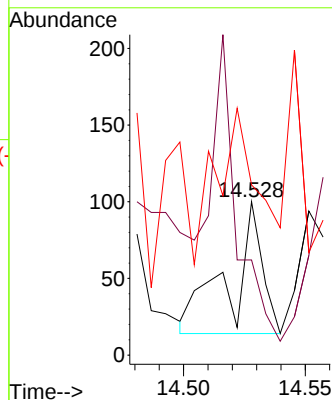
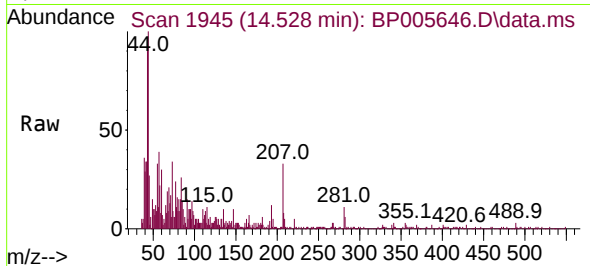




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.018 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

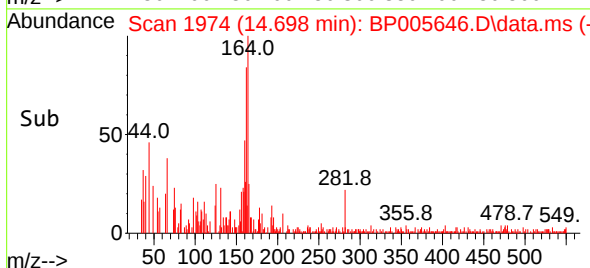
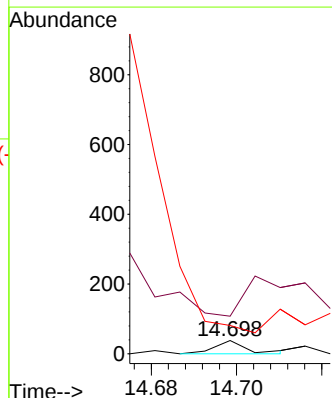
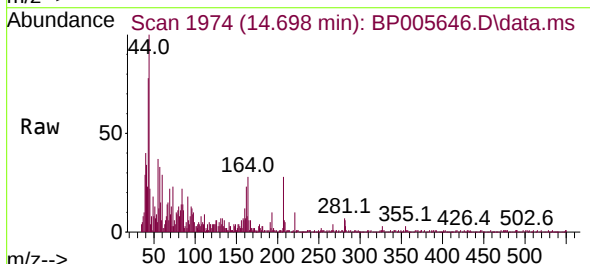
Instrument :
BNA_P
ClientSampled :
JCSY-SP1

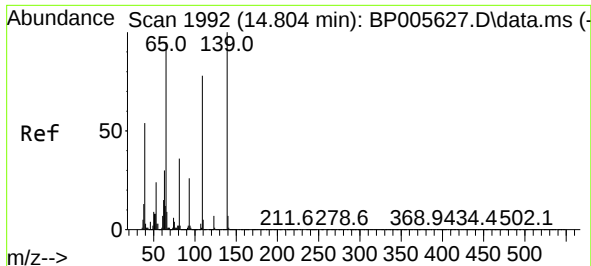
Tgt Ion:138 Resp: 79
Ion Ratio Lower Upper
138 100
108 62.0 10.2 15.4#
92 111.0 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 284.2 51.2 76.8#
154 213.2 55.8 83.8#

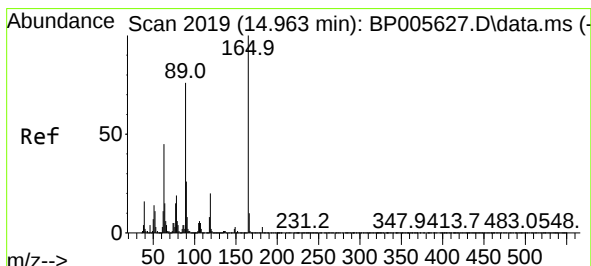
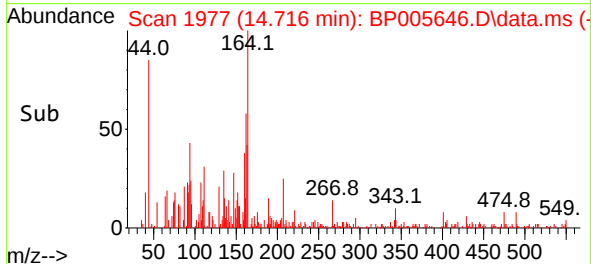
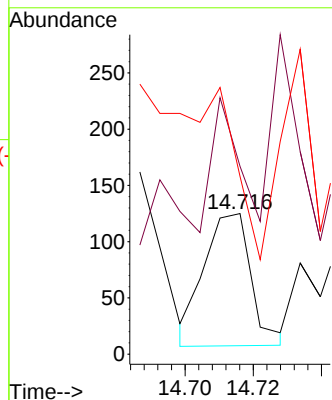
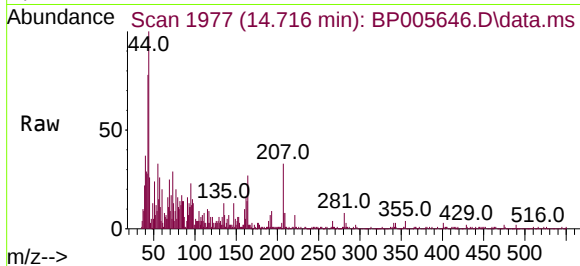




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.088 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

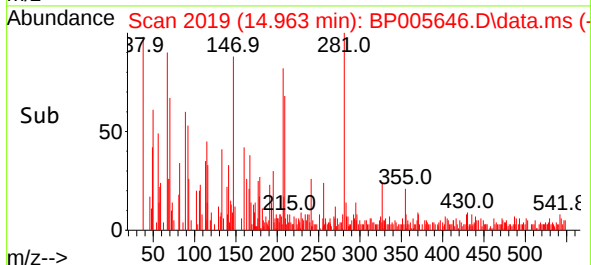
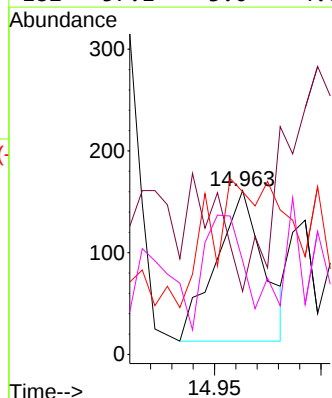
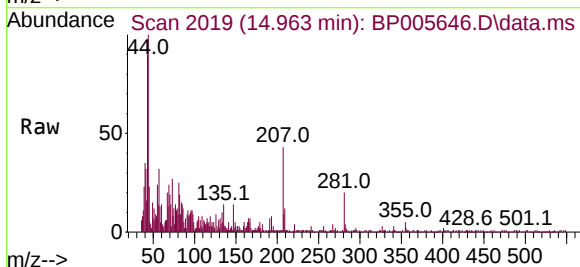
Instrument :
BNA_P
ClientSampled :
JCSY-SP1

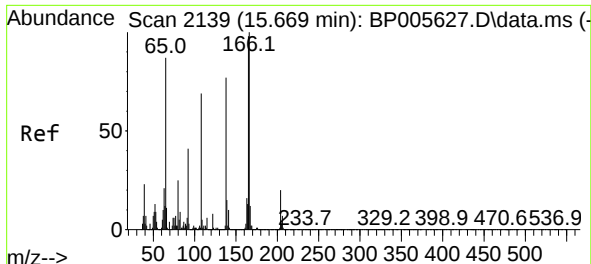
Tgt Ion:139 Resp: 112
Ion Ratio Lower Upper
139 100
109 133.6 122.8 162.8
65 126.4 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:165 Resp: 229
Ion Ratio Lower Upper
165 100
63 38.5 56.7 85.1#
89 99.4 85.8 128.6
182 57.1 3.0 4.6#

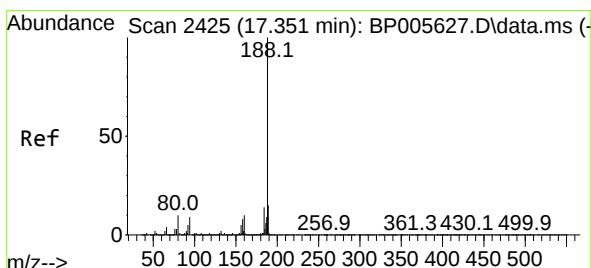
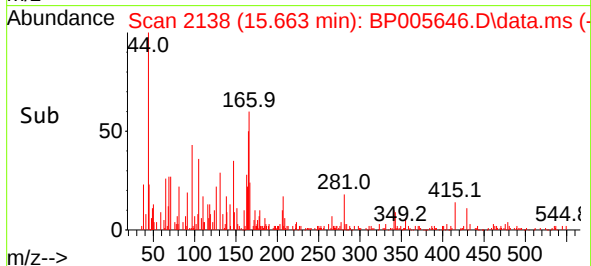
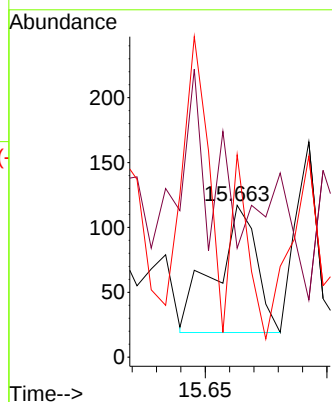
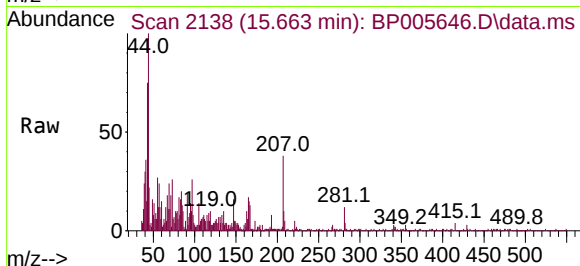




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

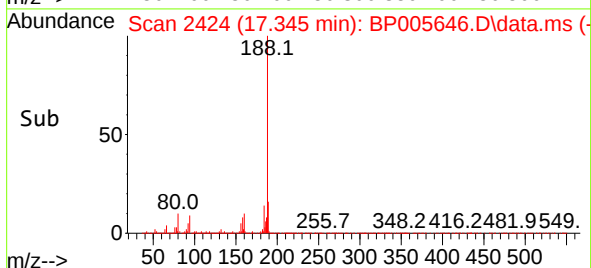
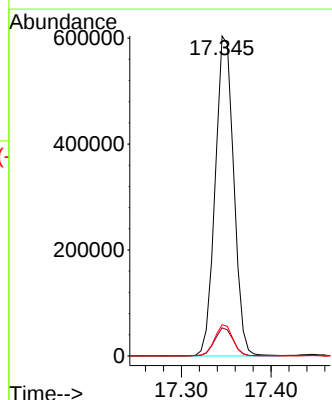
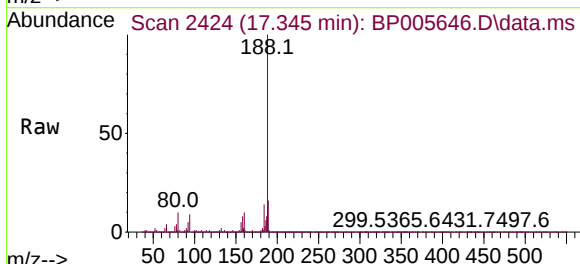
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

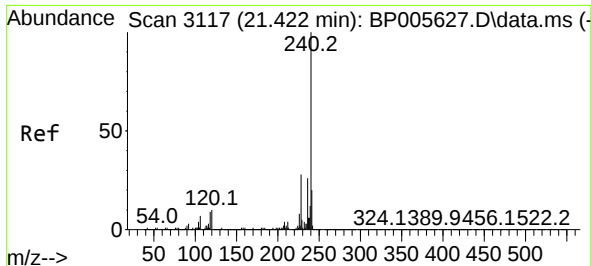
Tgt Ion:138 Resp: 116
Ion Ratio Lower Upper
138 100
92 71.8 50.9 90.9
108 133.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:188 Resp: 867094
Ion Ratio Lower Upper
188 100
94 8.8 5.0 7.6#
80 9.8 5.9 8.9#

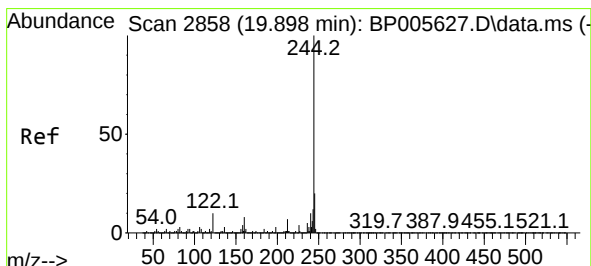
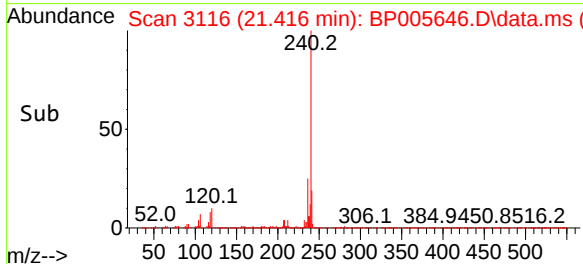
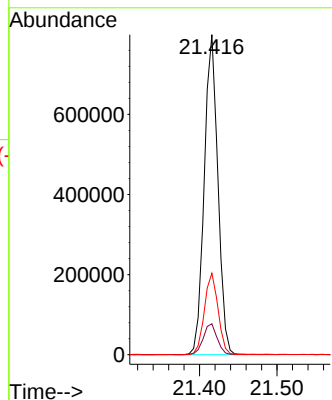
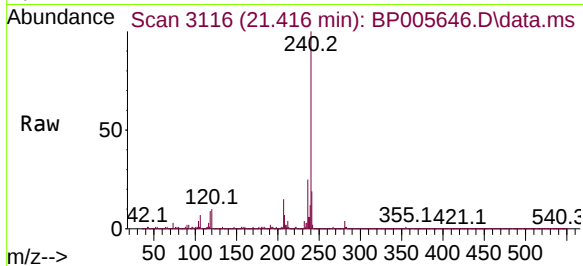




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

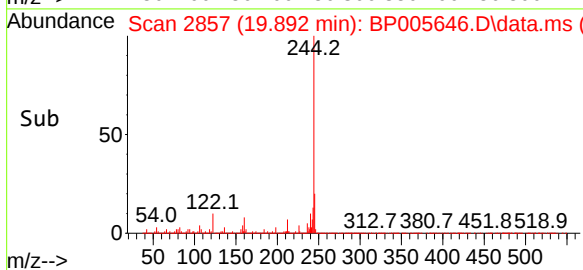
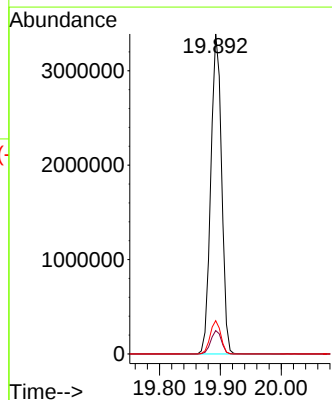
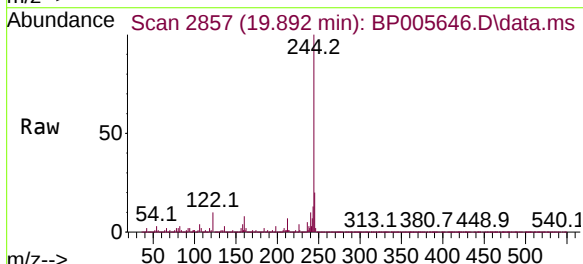
Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

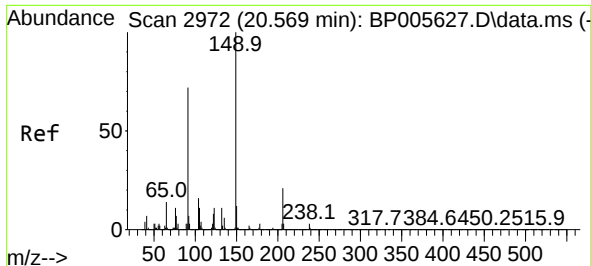
Tgt Ion:240 Resp: 976365
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 80.21 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:244 Resp: 4173752
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.4 5.2 7.8#

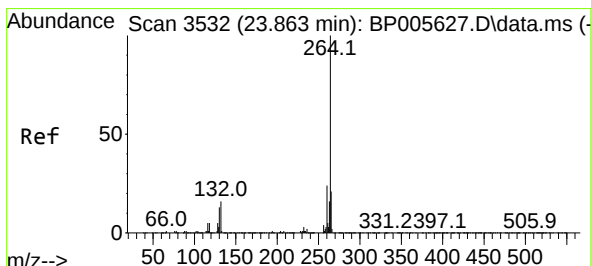
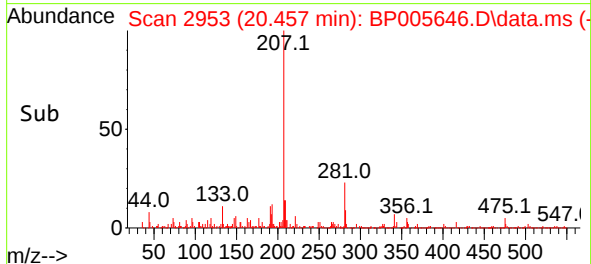
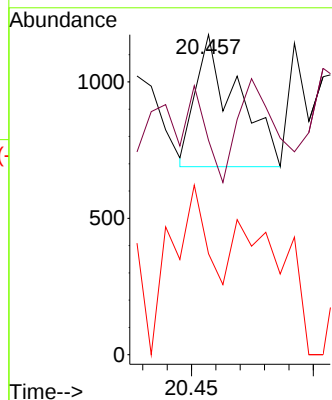
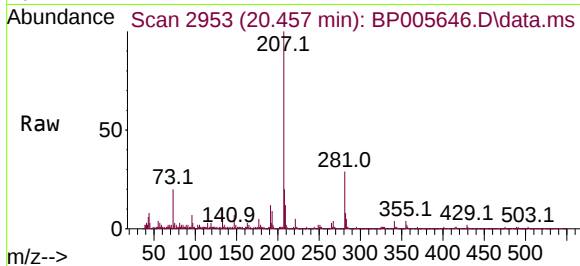




#80
Butylbenzylphthalate
Concen: 4.15 ng
RT: 20.457 min Scan# 2953
Delta R.T. -0.112 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Instrument :
BNA_P
ClientSampleId :
JCSY-SP1

Tgt Ion:	149	Resp:	573
Ion	Ratio	Lower	Upper
149	100		
91	67.0	60.2	90.4
206	31.5	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005646.D
Acq: 28 May 2021 19:11

Tgt Ion:	264	Resp:	1172167
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	22.4	19.0	28.6

