

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005682.D
 Acq On : 03 Jun 2021 00:36
 Operator : CG/JU
 Sample : M2580-10 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B4(0-2)

Quant Time: Jun 03 02:45:50 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)

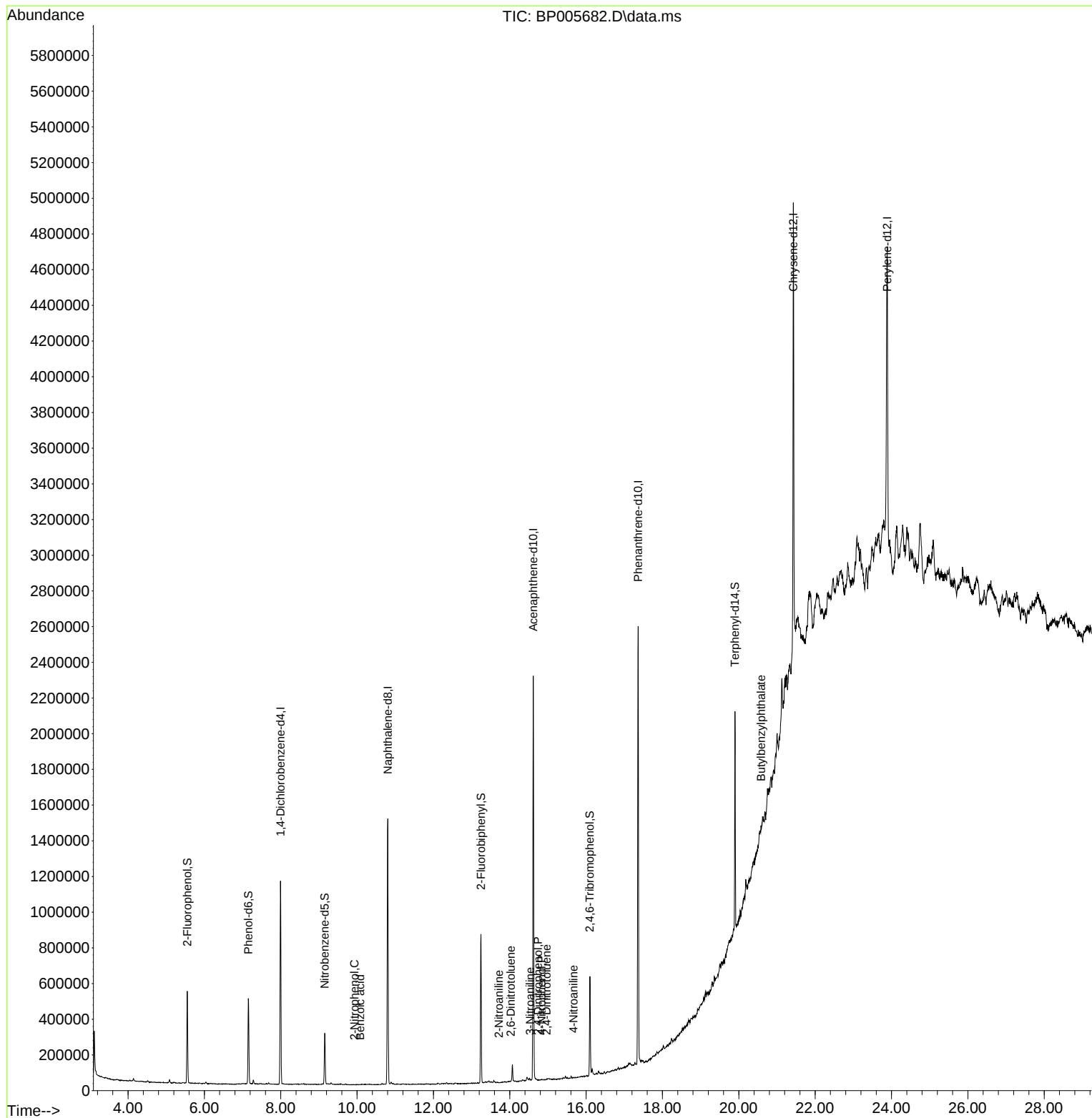
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	304697	20.00	ng	0.00
21) Naphthalene-d8	10.805	136	1218260	20.00	ng	# 0.00
39) Acenaphthene-d10	14.616	164	766729	20.00	ng	0.00
64) Phenanthrene-d10	17.363	188	1499626	20.00	ng	# 0.01
76) Chrysene-d12	21.427	240	1236337	20.00	ng	# 0.00
86) Perylene-d12	23.886	264	1346159	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	227476	11.61	ng	0.00
7) Phenol-d6	7.152	99	276510	10.35	ng	0.00
23) Nitrobenzene-d5	9.152	82	168629	7.70	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	114710	11.67	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	424778	7.33	ng	0.00
79) Terphenyl-d14	19.898	244	553119	8.39	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.928	139	143	4.17	ng	# 1
32) Benzoic acid	10.081	122	294	5.04	ng	# 1
48) 2-Nitroaniline	13.716	65	274	4.51	ng	# 48
51) 2,6-Dinitrotoluene	14.028	165	276	5.08	ng	95
53) 3-Nitroaniline	14.534	138	175	3.67	ng	# 41
54) 2,4-Dinitrophenol	14.740	184	81	6.54	ng	# 44
56) 4-Nitrophenol	14.834	139	127	3.75	ng	91
57) 2,4-Dinitrotoluene	14.963	165	83	4.27	ng	# 56
62) 4-Nitroaniline	15.669	138	67	3.63	ng	# 50
80) Butylbenzylphthalate	20.580	149	1931	4.18	ng	# 63

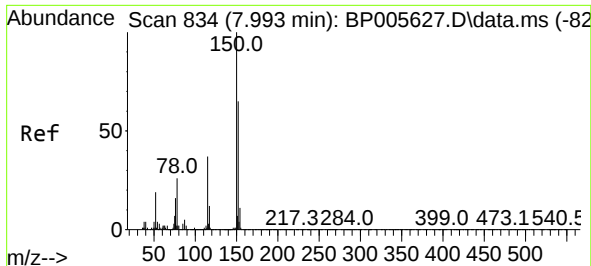
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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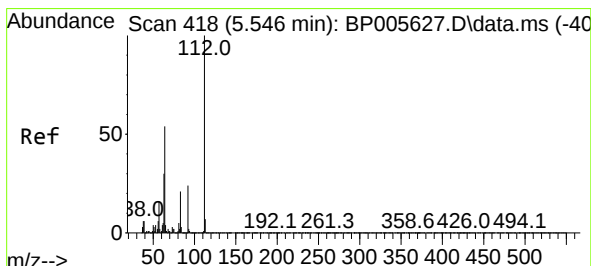
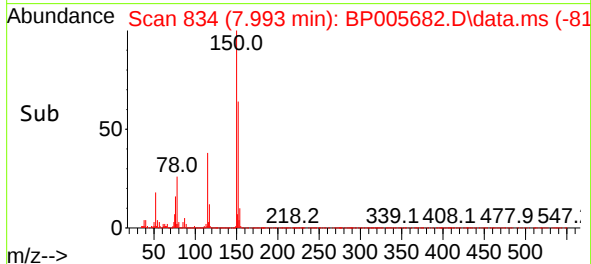
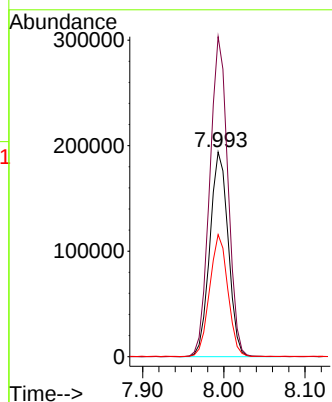
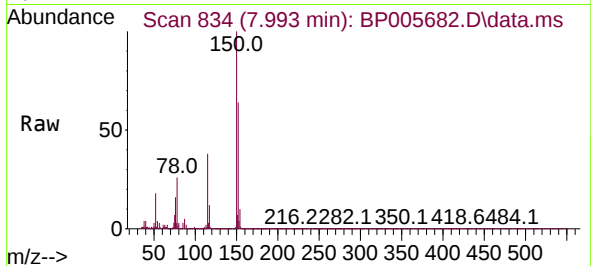




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

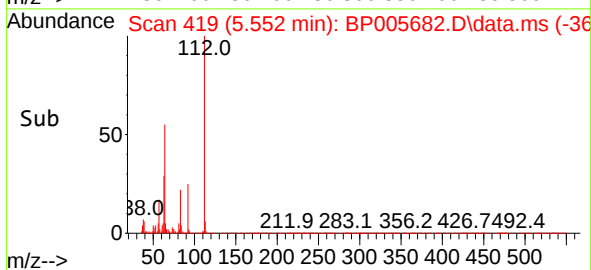
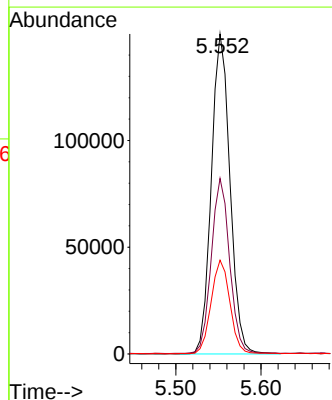
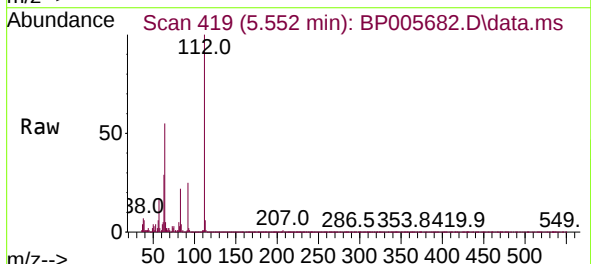
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

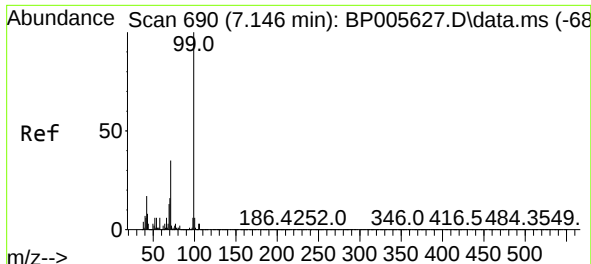
Tgt Ion:152 Resp: 304697
Ion Ratio Lower Upper
152 100
150 156.4 119.8 179.8
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 11.61 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:112 Resp: 227476
Ion Ratio Lower Upper
112 100
64 54.9 33.6 50.4#
63 29.3 18.6 27.8#

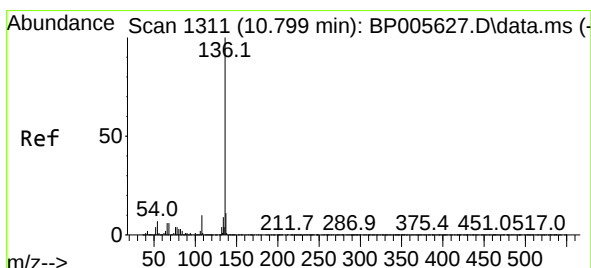
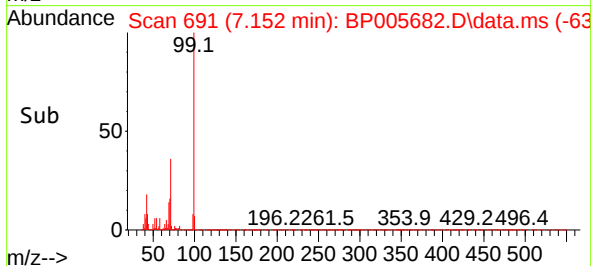
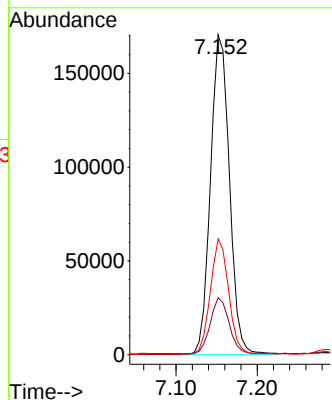
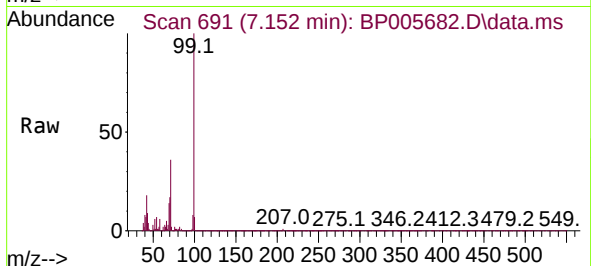




#7
Phenol-d6
Concen: 10.35 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

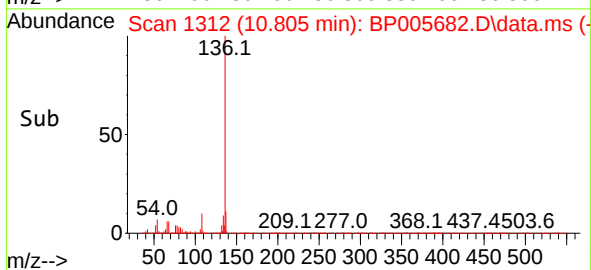
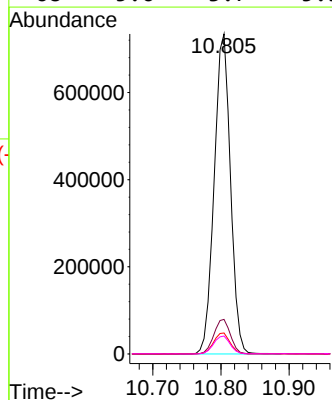
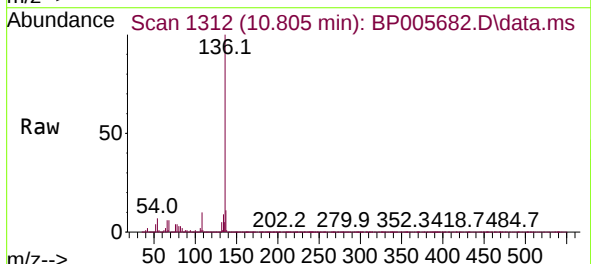
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

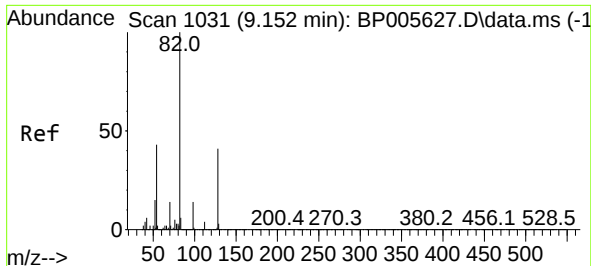
Tgt Ion: 99 Resp: 276510
Ion Ratio Lower Upper
99 100
42 17.8 12.9 19.3
71 36.1 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.805 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:136 Resp: 1218260
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.5 5.0 7.4
68 5.6 3.7 5.5#

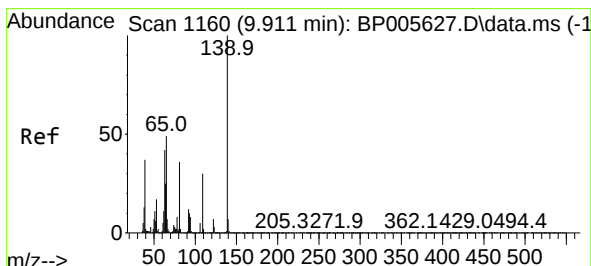
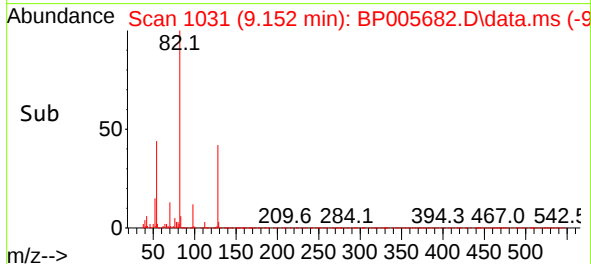
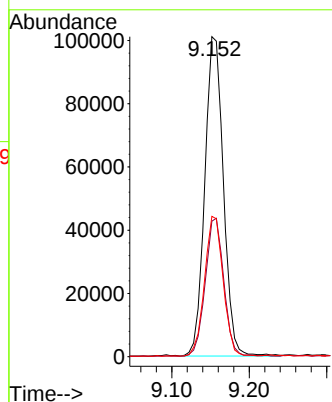
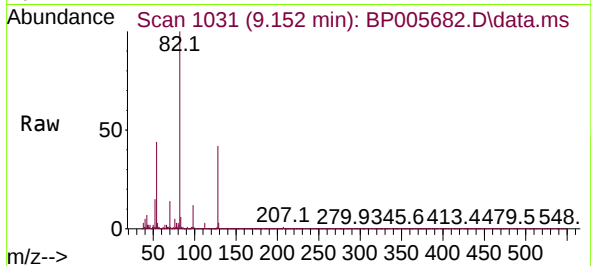




#23
Nitrobenzene-d5
Concen: 7.70 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

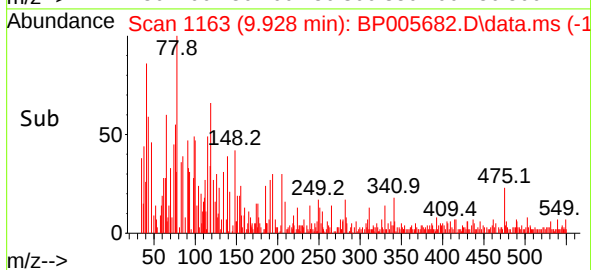
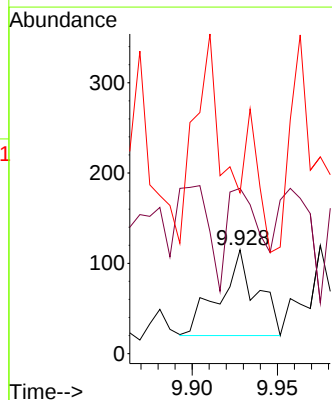
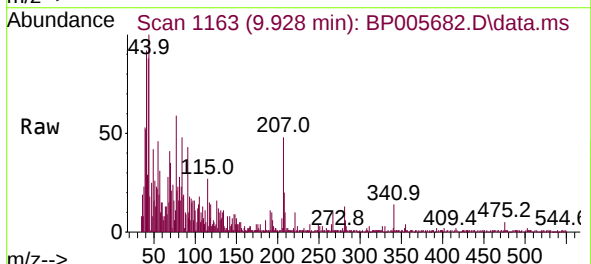
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

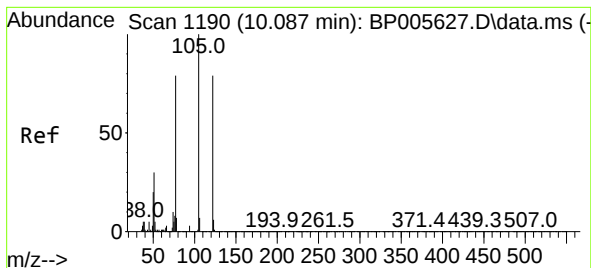
Tgt Ion:	82	Resp:	168629
Ion	Ratio	Lower	Upper
82	100		
128	42.3	30.5	45.7
54	43.9	33.9	50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.928 min Scan# 1163
Delta R.T. 0.017 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:	139	Resp:	143
Ion	Ratio	Lower	Upper
139	100		
109	159.1	40.7	61.1#
65	154.8	47.8	71.6#

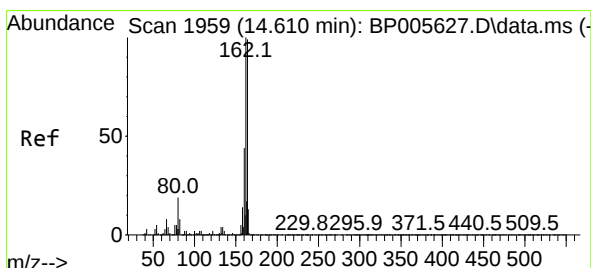
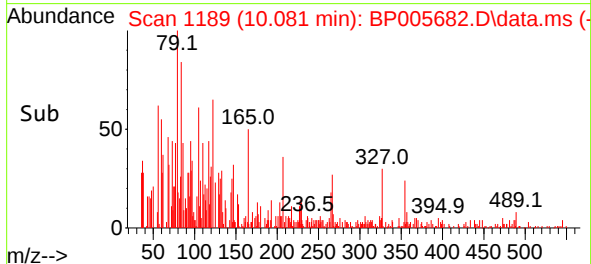
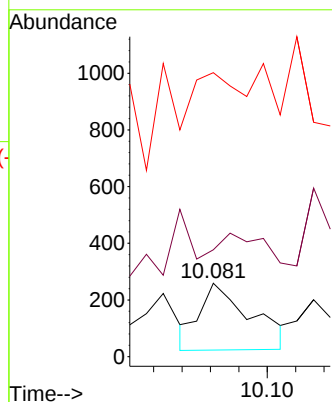
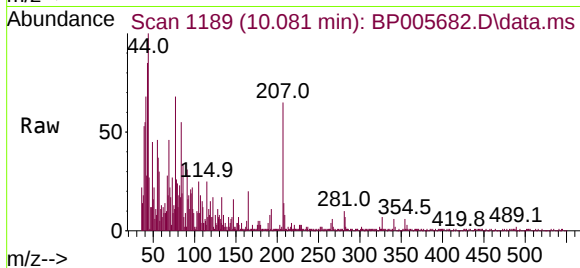




#32
Benzoic acid
Concen: 5.04 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

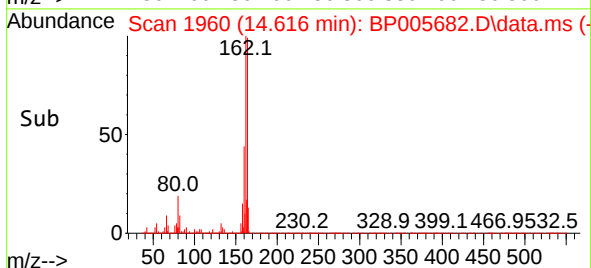
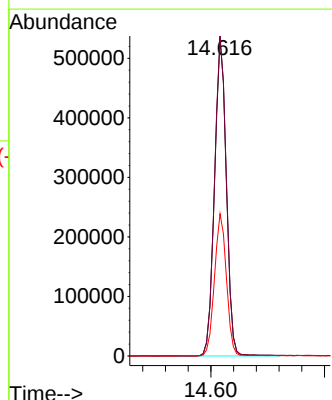
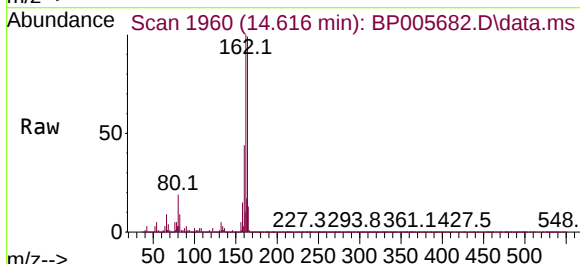
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

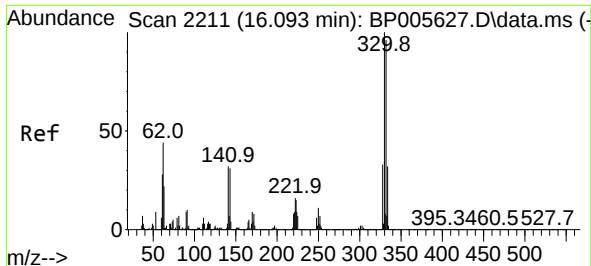
Tgt Ion:122 Resp: 294
Ion Ratio Lower Upper
122 100
105 145.6 105.1 145.1#
77 386.9 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:164 Resp: 766729
Ion Ratio Lower Upper
164 100
162 100.8 73.5 110.3
160 44.8 40.6 61.0

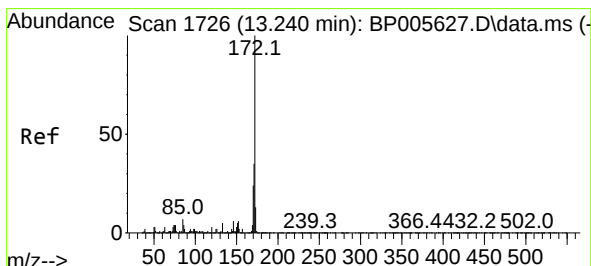
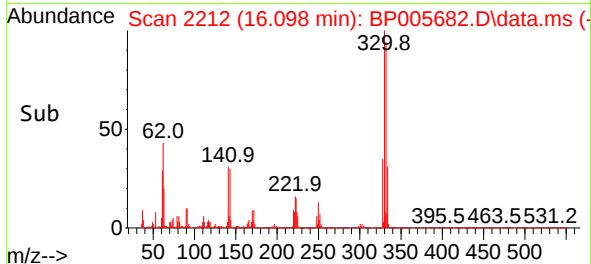
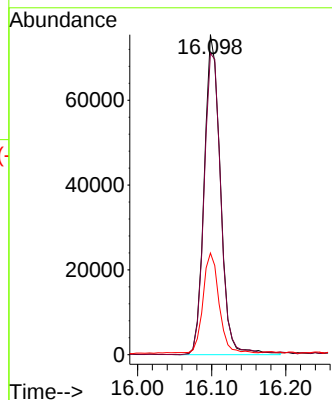
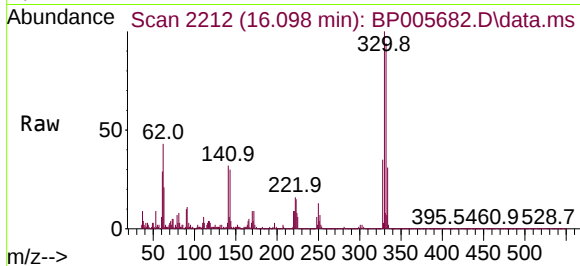




#42
2,4,6-Tribromophenol
Concen: 11.67 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

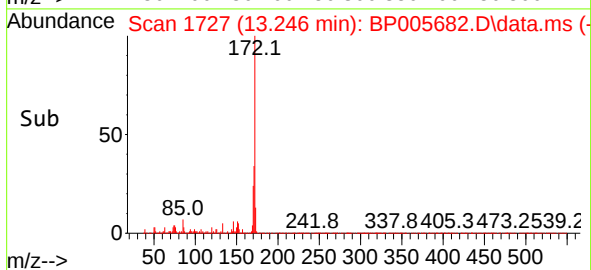
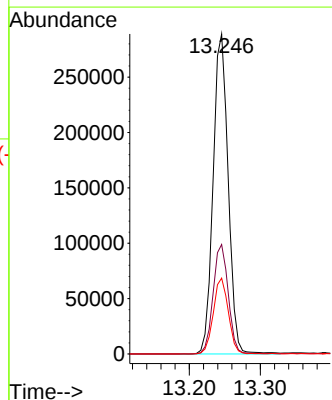
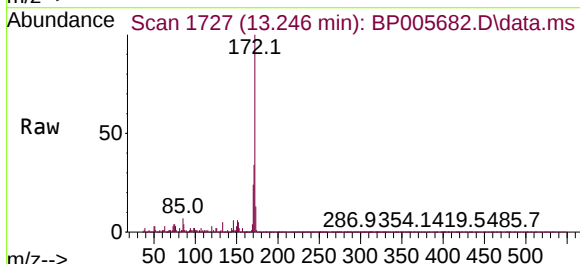
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BNA_P
ClientSampleId :
18-B4(0-2)

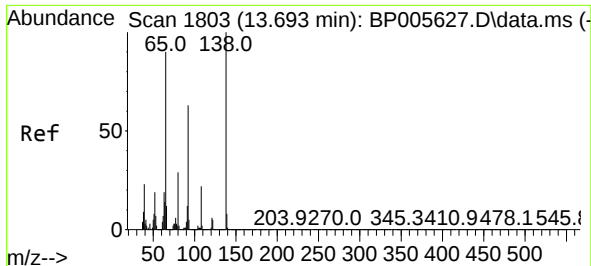
Tgt Ion: 330 Resp: 114710
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 31.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 7.33 ng
RT: 13.246 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion: 172 Resp: 424778
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.7 19.6 29.4

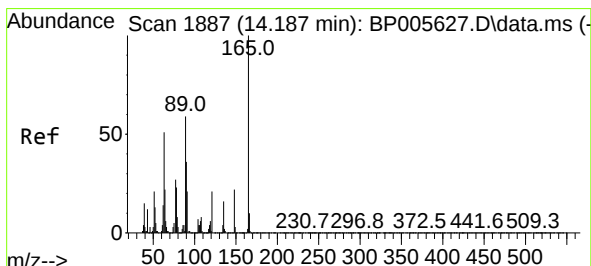
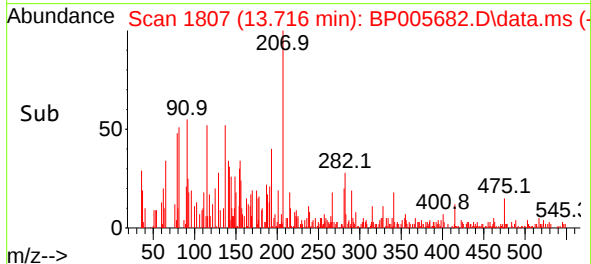
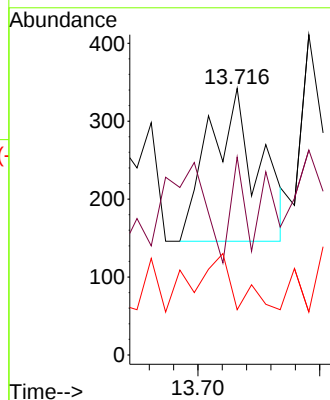
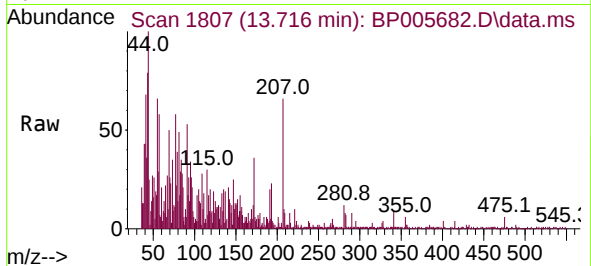




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.716 min Scan# 1807
Delta R.T. 0.023 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

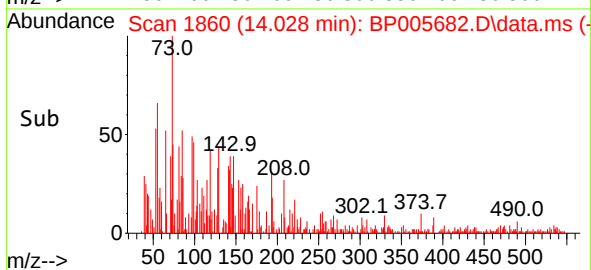
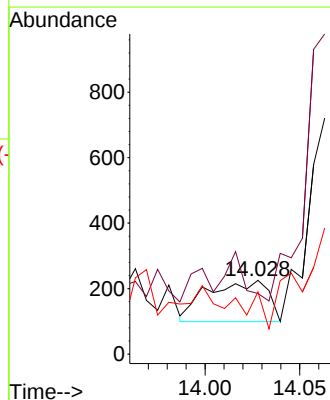
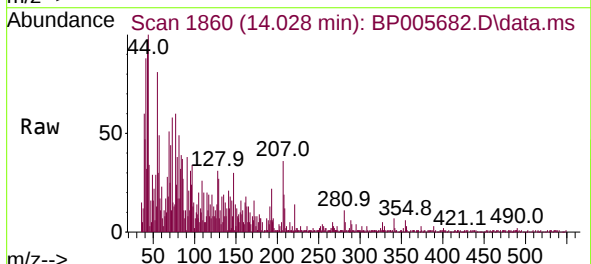
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18-B4(0-2)

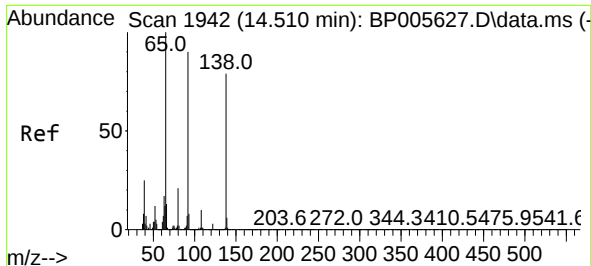
Tgt Ion: 65 Resp: 274
Ion Ratio Lower Upper
65 100
92 74.3 48.8 73.2#
138 17.0 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.028 min Scan# 1860
Delta R.T. -0.159 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:165 Resp: 276
Ion Ratio Lower Upper
165 100
63 82.2 67.4 101.0
89 84.4 73.8 110.6

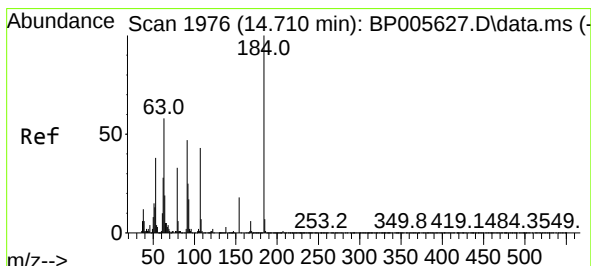
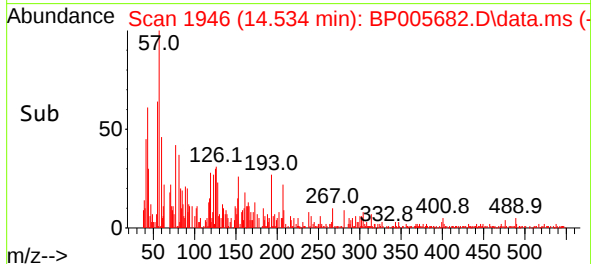
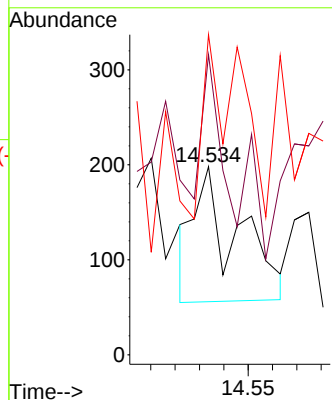
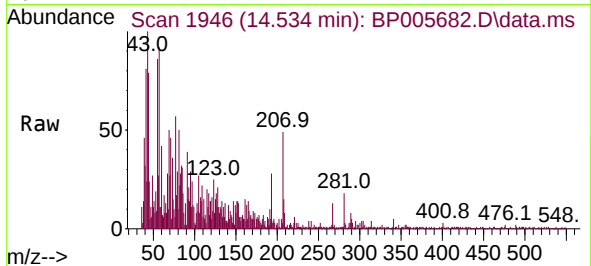




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.024 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

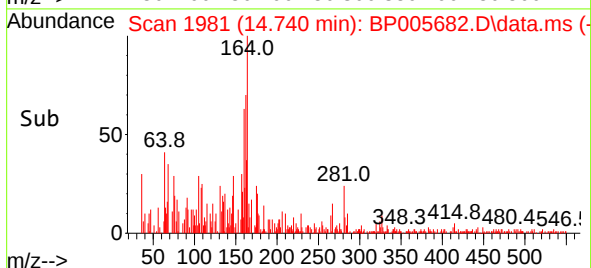
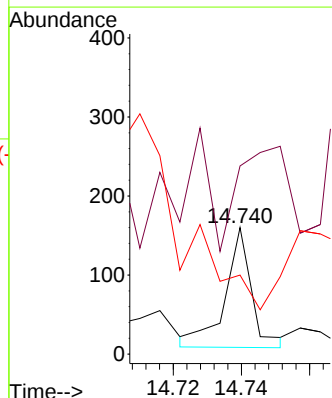
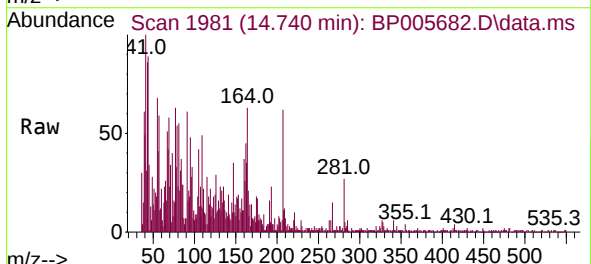
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

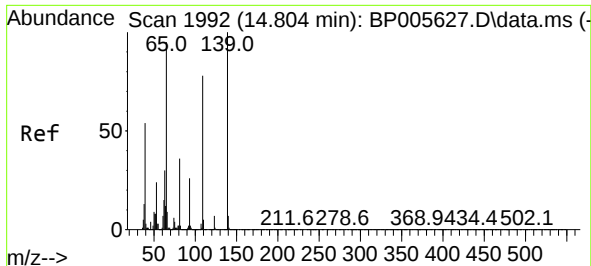
Tgt Ion:138 Resp: 175
Ion Ratio Lower Upper
138 100
108 159.6 10.2 15.4#
92 170.2 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.740 min Scan# 1981
Delta R.T. 0.030 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 148.8 51.2 76.8#
154 62.5 55.8 83.8

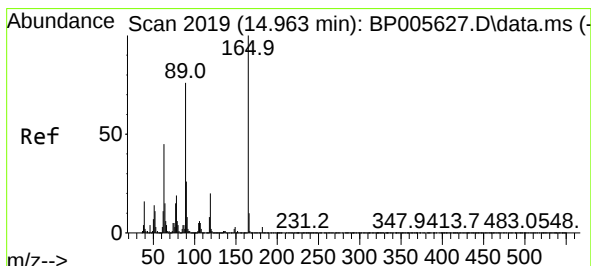
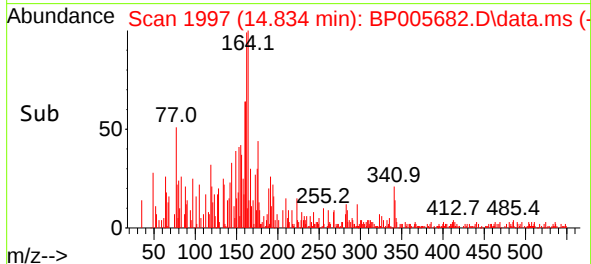
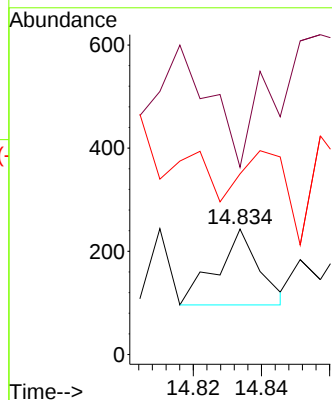
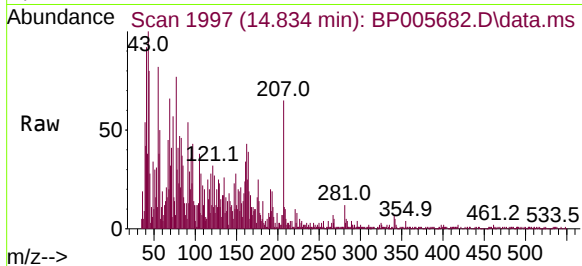




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.834 min Scan# 1997
Delta R.T. 0.030 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

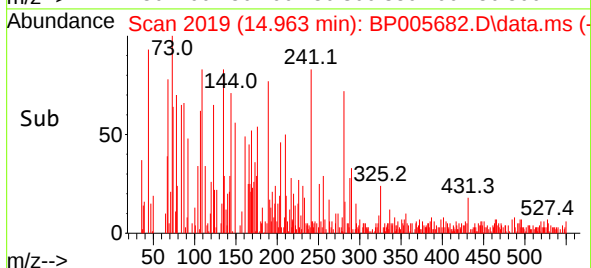
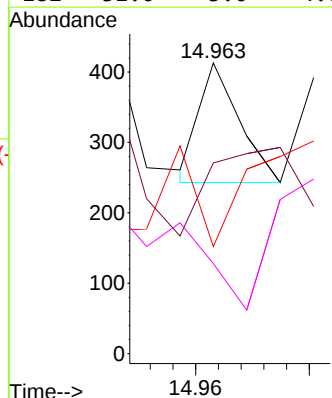
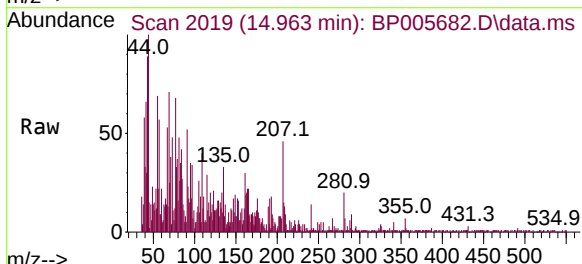
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

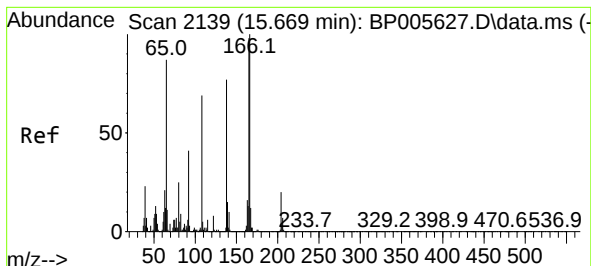
Tgt Ion:139 Resp: 127
Ion Ratio Lower Upper
139 100
109 149.4 122.8 162.8
65 144.0 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 65.6 56.7 85.1
89 36.8 85.8 128.6#
182 31.0 3.0 4.6#

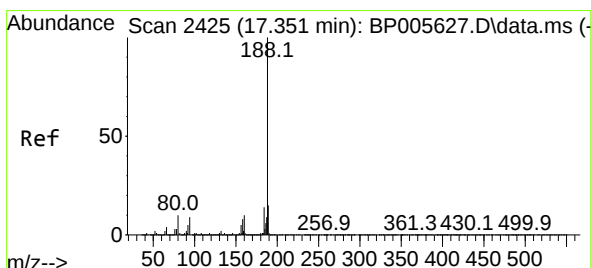
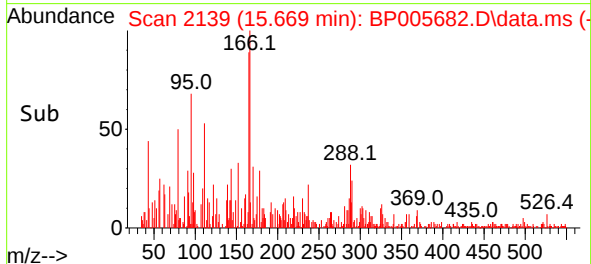
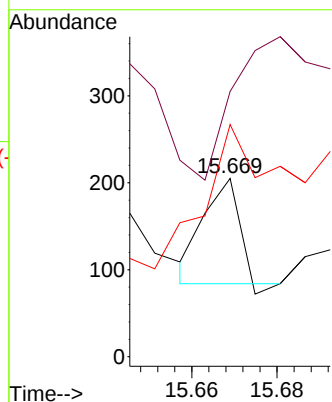
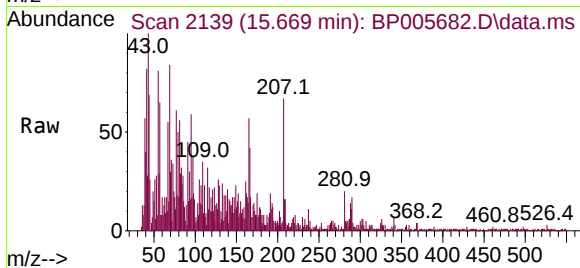




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

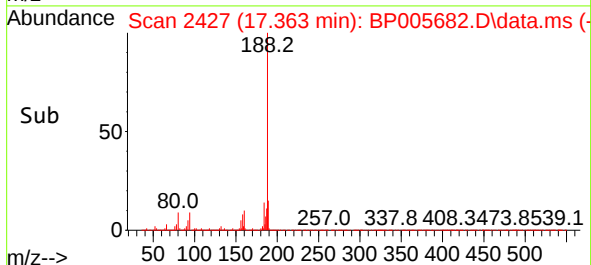
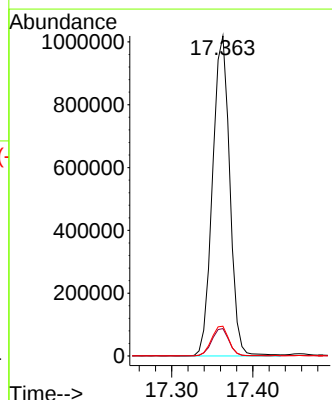
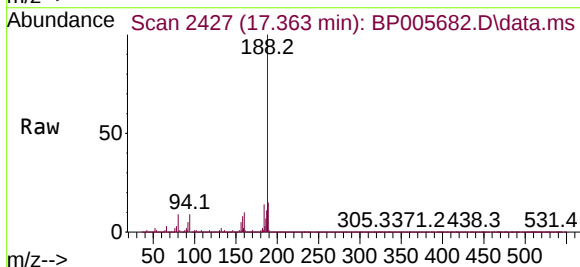
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

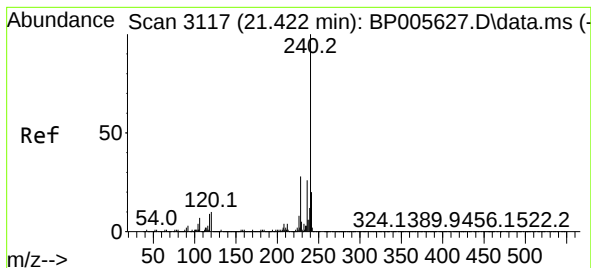
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 148.8 50.9 90.9#
108 130.2 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.363 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:188 Resp: 1499626
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.6#
80 9.3 5.9 8.9#

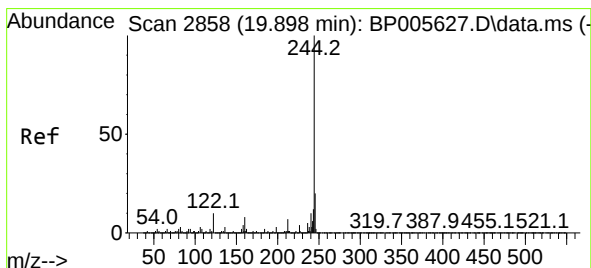
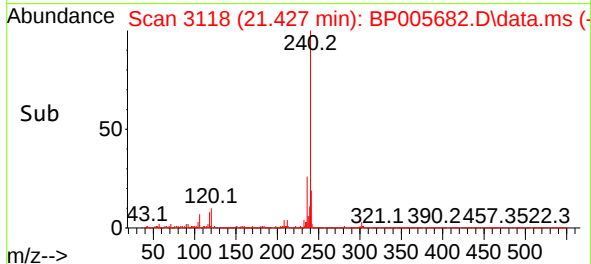
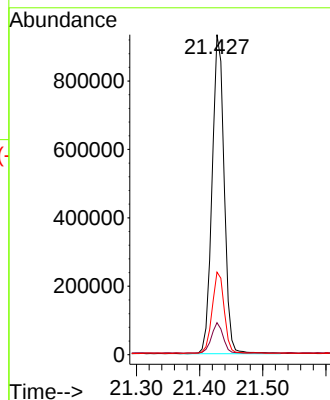
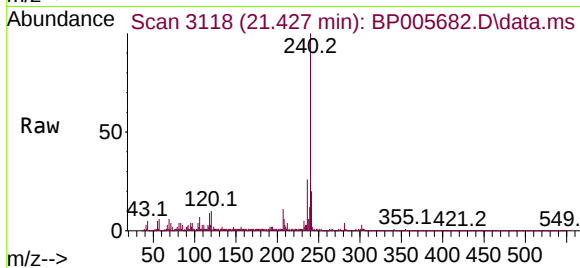




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

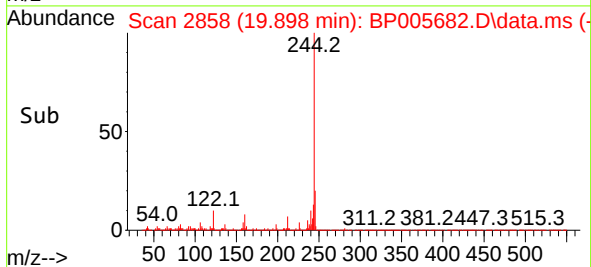
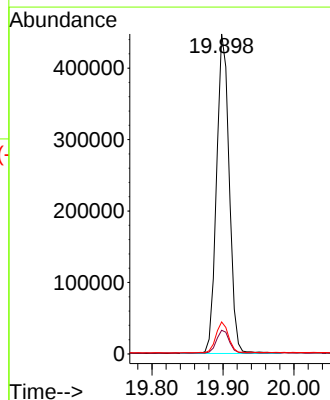
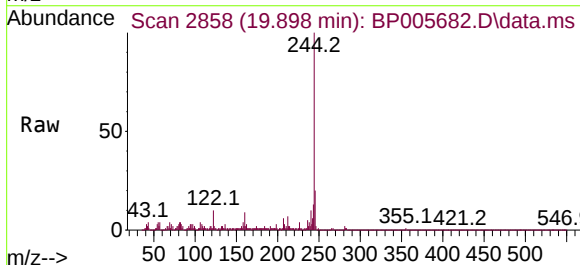
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

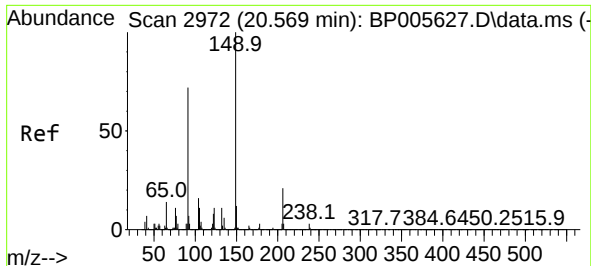
Tgt Ion:240 Resp: 1236337
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 8.39 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:244 Resp: 553119
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.0 5.2 7.8#

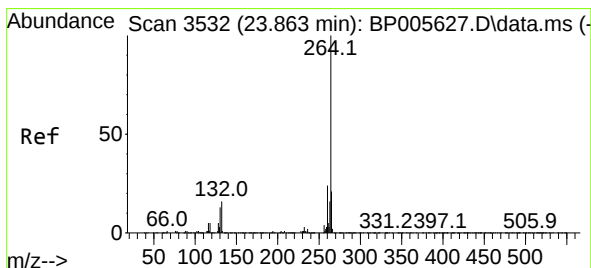
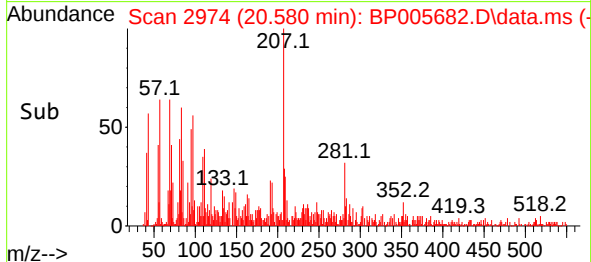
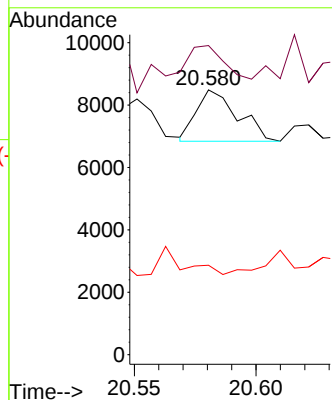
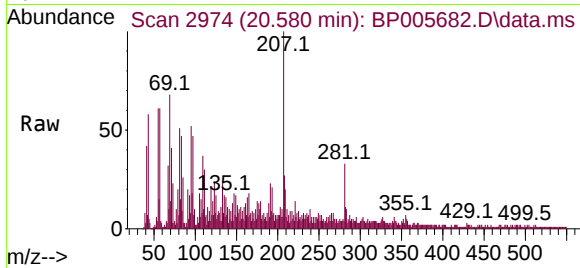




#80
Butylbenzylphthalate
Concen: 4.18 ng
RT: 20.580 min Scan# 2974
Delta R.T. 0.011 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

Tgt Ion:149 Resp: 1931
Ion Ratio Lower Upper
149 100
91 116.7 60.2 90.4#
206 33.8 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.886 min Scan# 3536
Delta R.T. 0.023 min
Lab File: BP005682.D
Acq: 03 Jun 2021 00:36

Tgt Ion:264 Resp: 1346159
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 23.1 19.0 28.6

