

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005750.D
 Acq On : 07 Jun 2021 19:31
 Operator : CG/JU
 Sample : M2580-26
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(4-6)

Quant Time: Jun 08 01:15:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

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

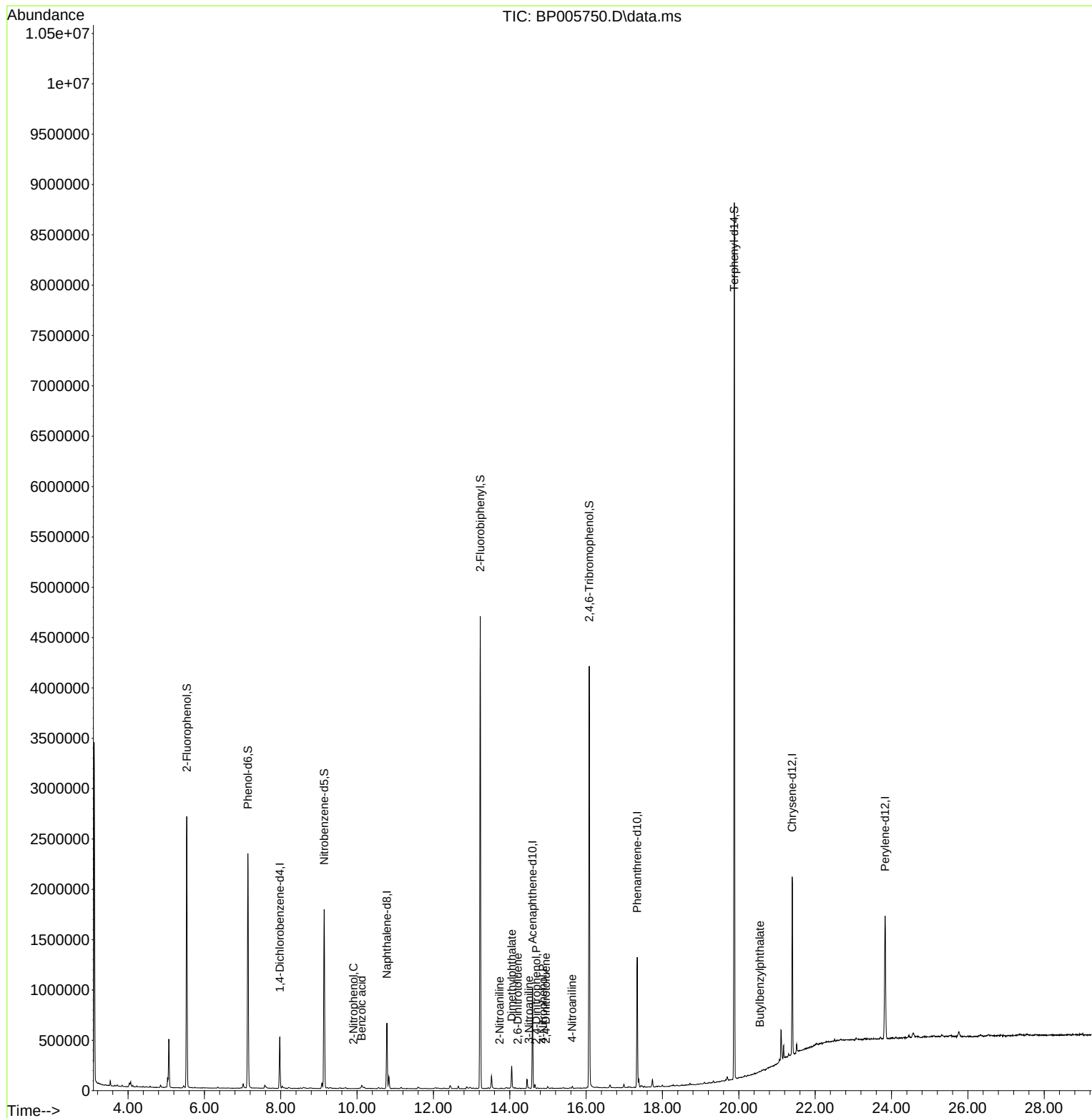
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	133735	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	526535	20.00	ng	0.00
39) Acenaphthene-d10	14.598	164	341746	20.00	ng	0.00
64) Phenanthrene-d10	17.339	188	768268	20.00	ng	# 0.00
76) Chrysene-d12	21.398	240	878631	20.00	ng	#-0.02
86) Perylene-d12	23.833	264	975738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1153763	134.13	ng	0.00
7) Phenol-d6	7.140	99	1301509	110.99	ng	0.00
23) Nitrobenzene-d5	9.140	82	1020648	107.80	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	857957	195.78	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	2317026	89.73	ng	0.00
79) Terphenyl-d14	19.880	244	3963461	84.65	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.904	139	10	4.16	ng	# 1
32) Benzoic acid	10.122	122	1202	5.26	ng	# 80
48) 2-Nitroaniline	13.734	65	226	4.53	ng	# 41
50) Dimethylphthalate	14.051	163	137780	5.07	ng	98
51) 2,6-Dinitrotoluene	14.210	165	194	5.09	ng	# 55
53) 3-Nitroaniline	14.498	138	11	3.65	ng	# 1
54) 2,4-Dinitrophenol	14.698	184	12	6.53	ng	# 1
56) 4-Nitrophenol	14.869	139	217	3.79	ng	# 41
57) 2,4-Dinitrotoluene	14.945	165	83	4.27	ng	# 54
62) 4-Nitroaniline	15.634	138	233	3.66	ng	# 13
80) Butylbenzylphthalate	20.551	149	1154	4.17	ng	89

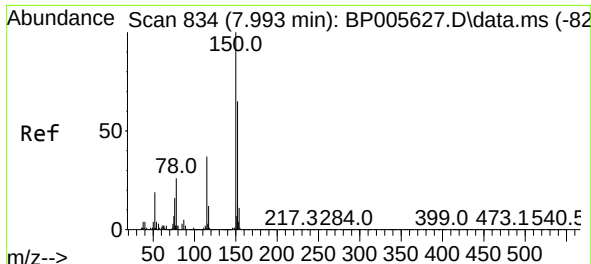
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 07 12:13:53 2021
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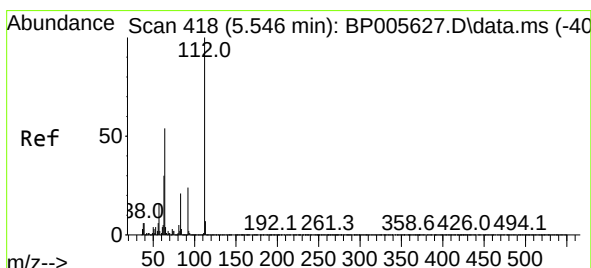
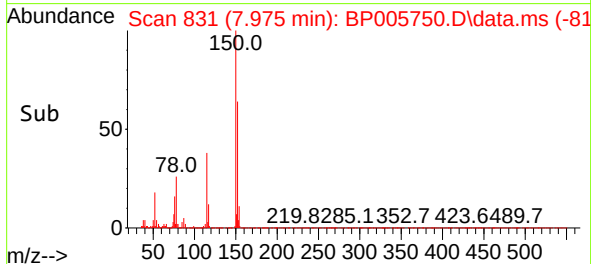
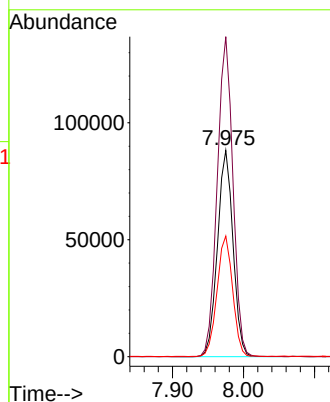
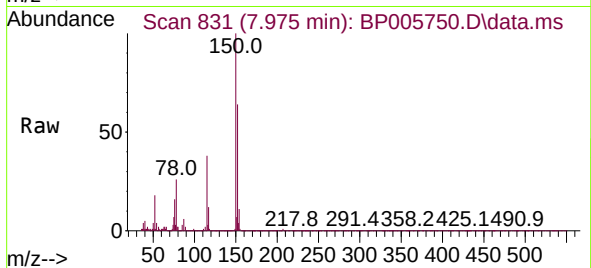




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

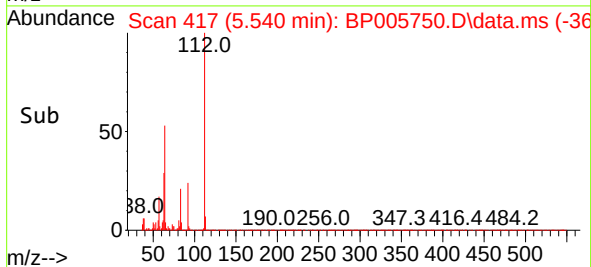
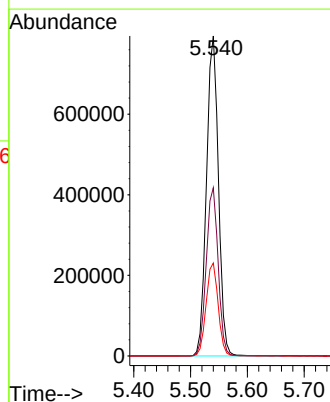
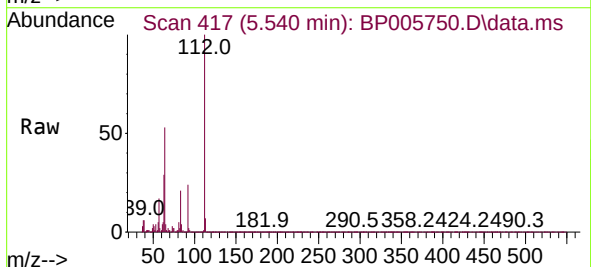
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

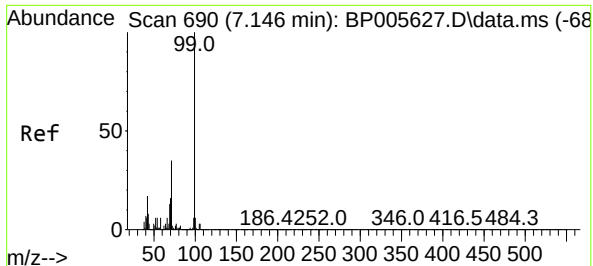
Tgt Ion:152 Resp: 133735
Ion Ratio Lower Upper
152 100
150 155.1 119.8 179.8
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 134.13 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:112 Resp: 1153763
Ion Ratio Lower Upper
112 100
64 52.5 33.6 50.4#
63 29.1 18.6 27.8#

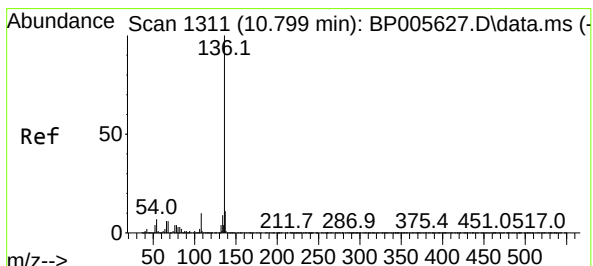
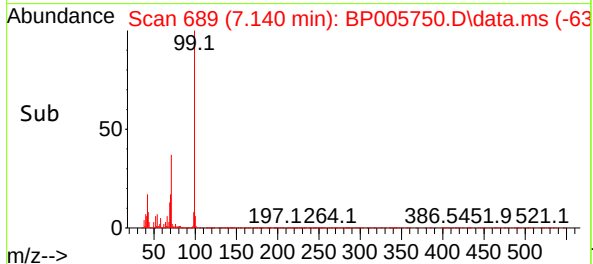
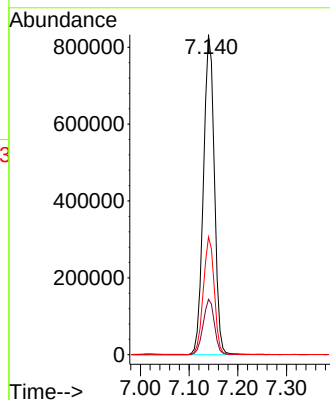
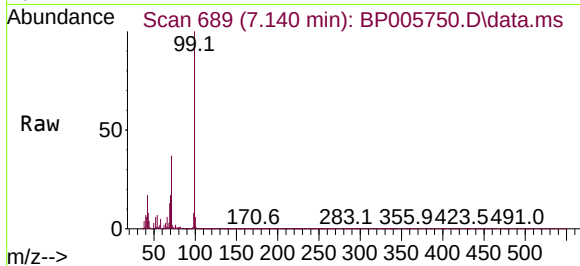




#7
Phenol-d6
Concen: 110.99 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

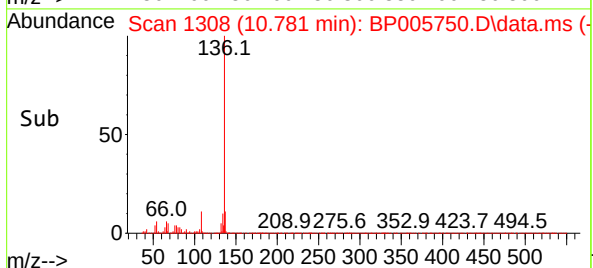
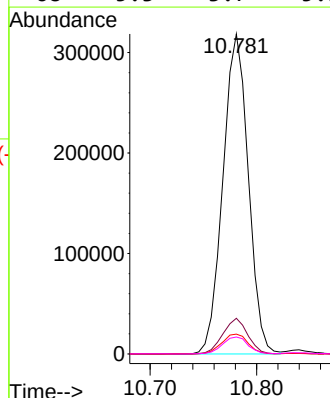
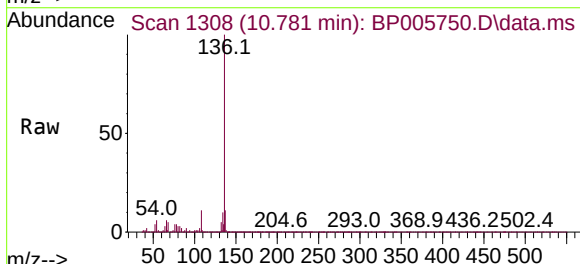
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

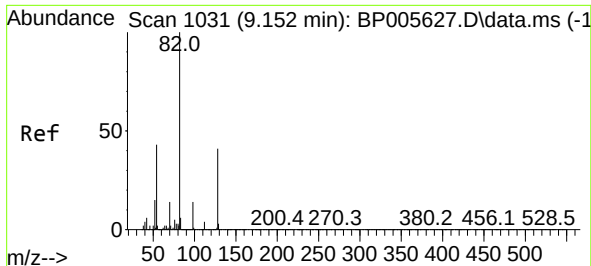
Tgt Ion: 99 Resp: 1301509
Ion Ratio Lower Upper
99 100
42 17.3 12.9 19.3
71 36.8 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:136 Resp: 526535
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.2 5.0 7.4
68 5.3 3.7 5.5

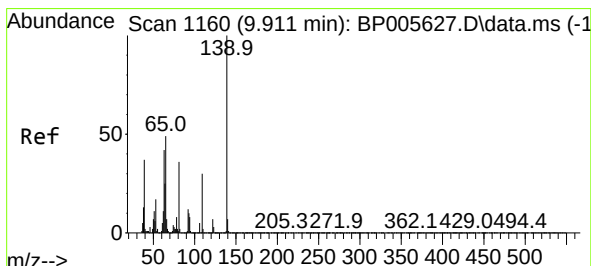
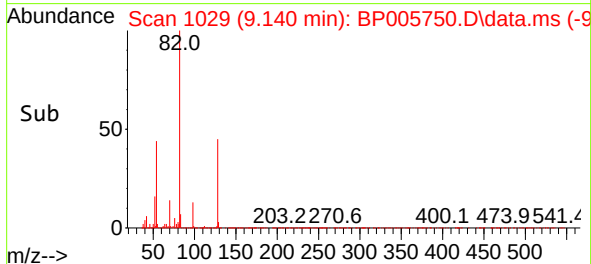
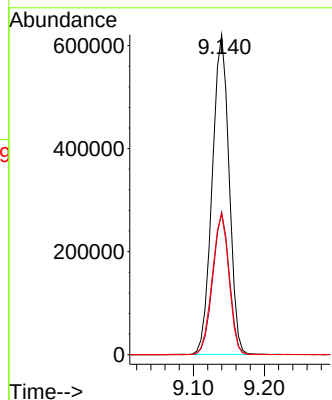
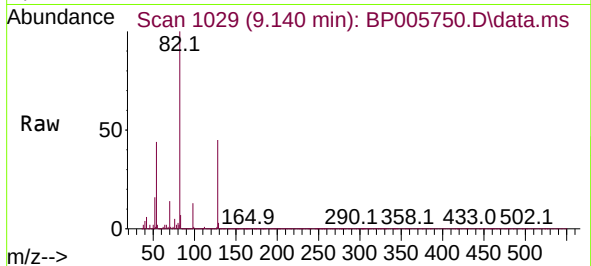




#23
Nitrobenzene-d5
Concen: 107.80 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

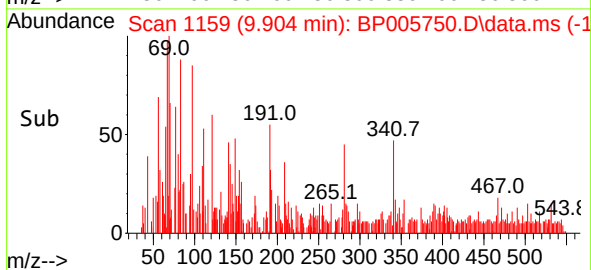
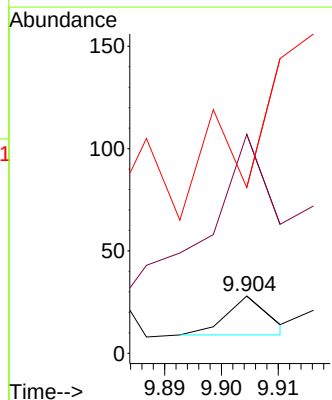
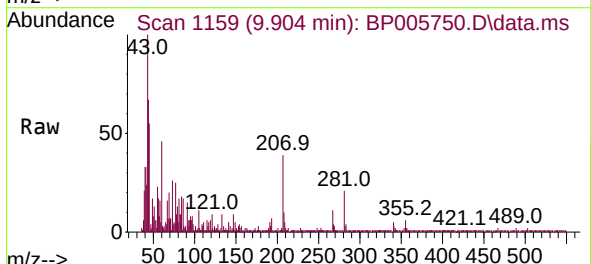
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

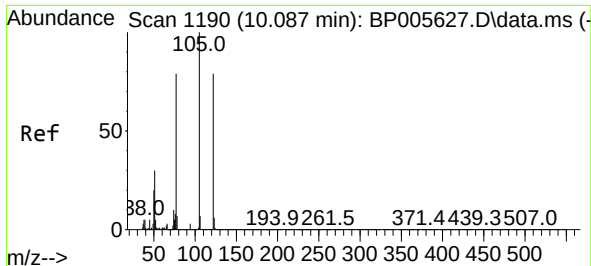
Tgt Ion: 82 Resp: 1020648
Ion Ratio Lower Upper
82 100
128 44.5 30.5 45.7
54 43.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 382.1 40.7 61.1#
65 289.3 47.8 71.6#

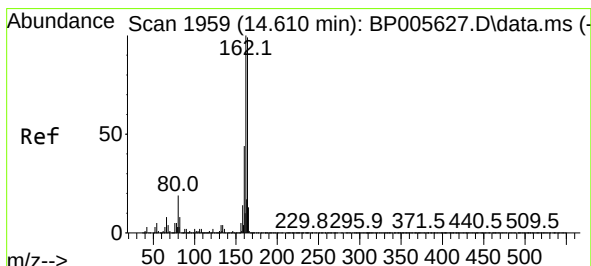
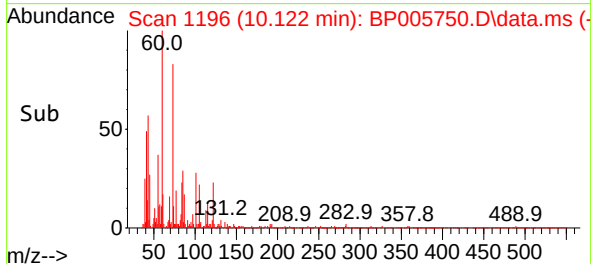
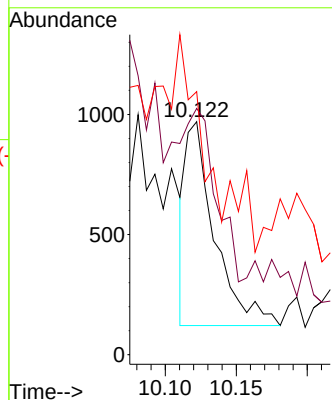
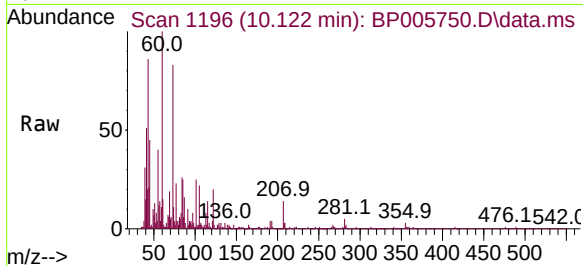




#32
Benzoic acid
Concen: 5.26 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

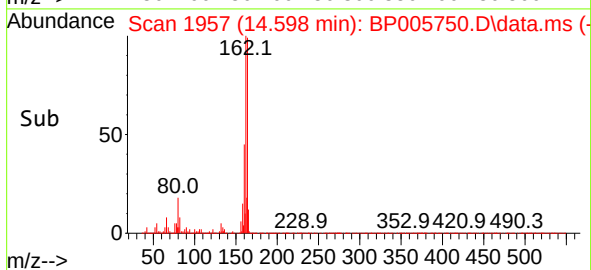
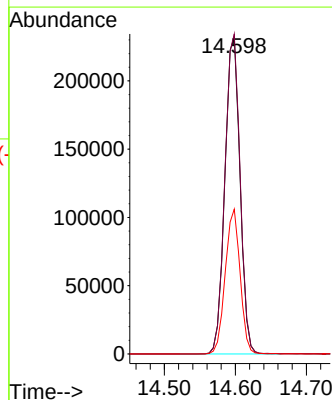
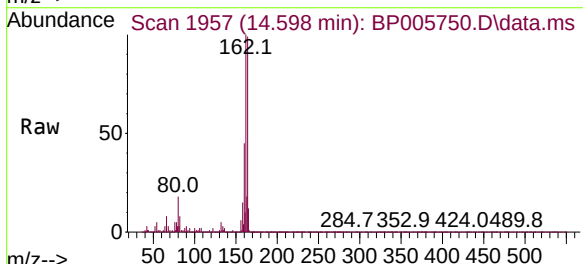
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

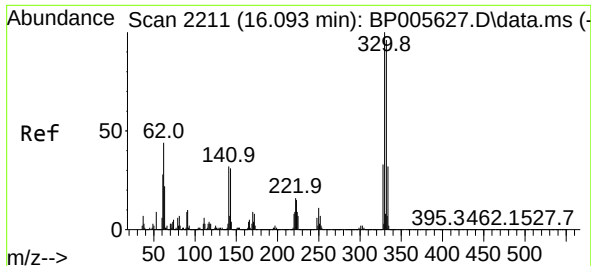
Tgt Ion:122 Resp: 1202
Ion Ratio Lower Upper
122 100
105 105.7 105.1 145.1
77 112.9 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:164 Resp: 341746
Ion Ratio Lower Upper
164 100
162 101.0 73.5 110.3
160 45.7 40.6 61.0

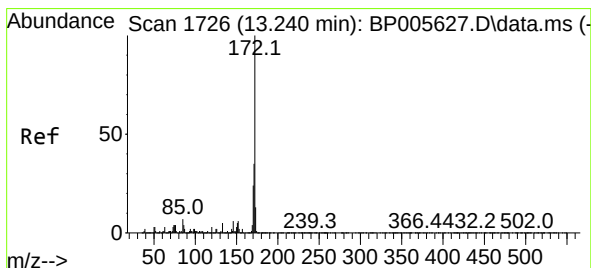
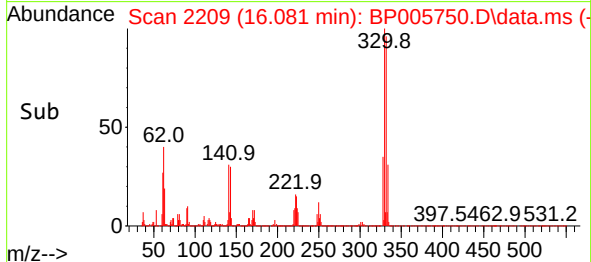
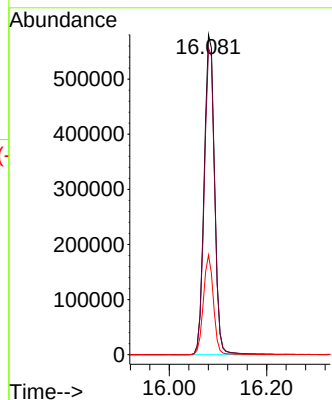
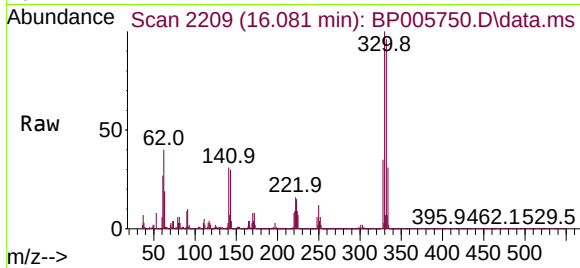




#42
2,4,6-Tribromophenol
Concen: 195.78 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

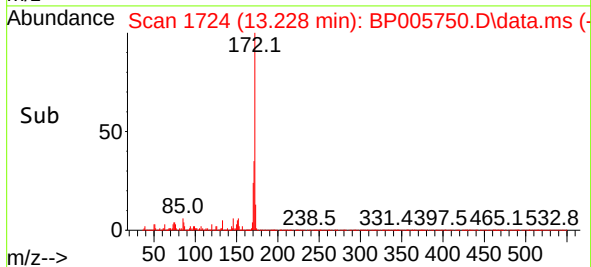
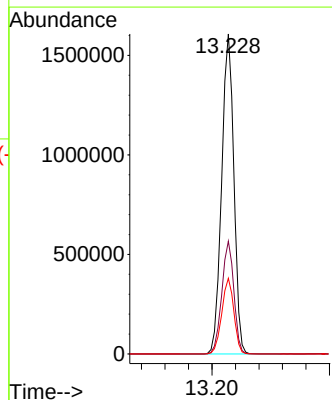
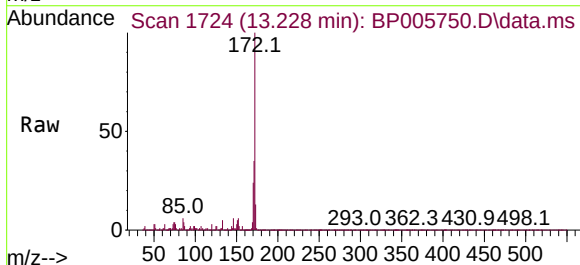
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18-B3(4-6)

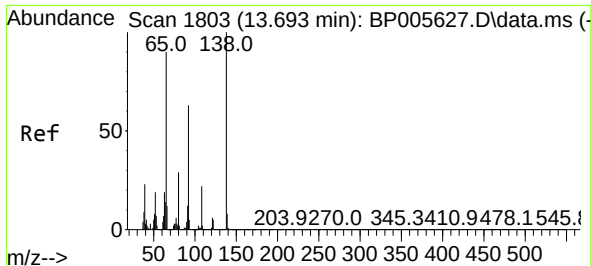
Tgt Ion:330 Resp: 857957
Ion Ratio Lower Upper
330 100
332 96.5 76.3 114.5
141 30.1 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 89.73 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:172 Resp: 2317026
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.6 29.4

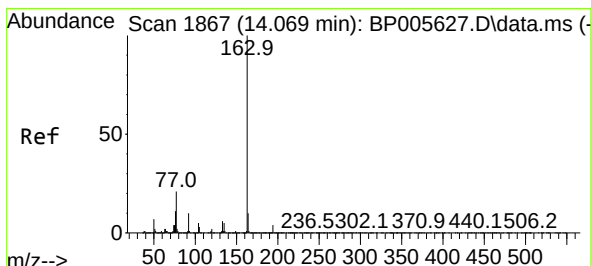
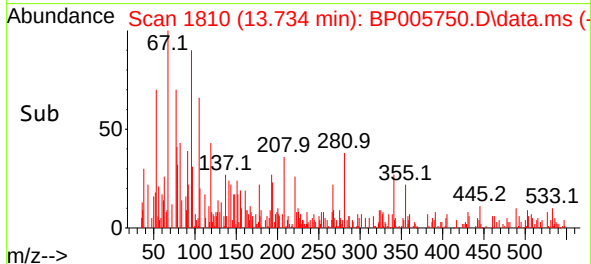
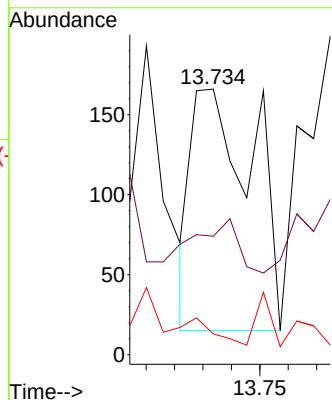
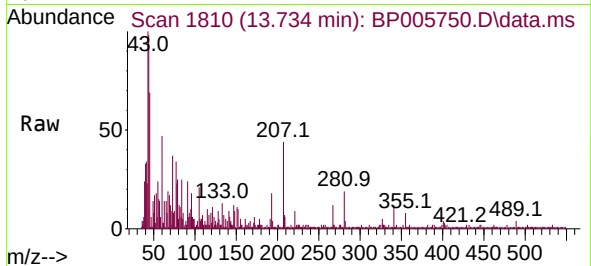




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.734 min Scan# 1810
Delta R.T. 0.047 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

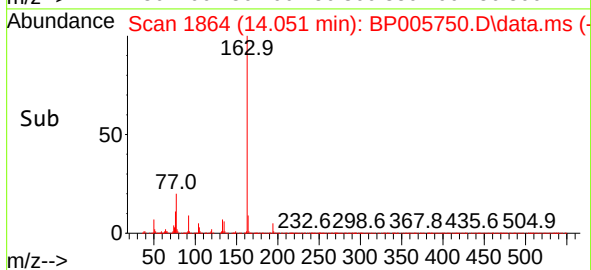
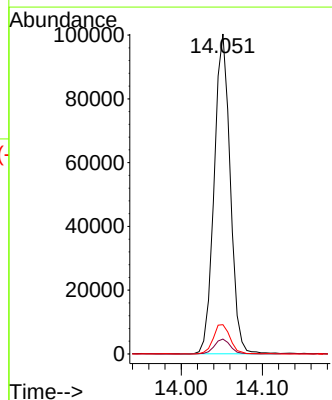
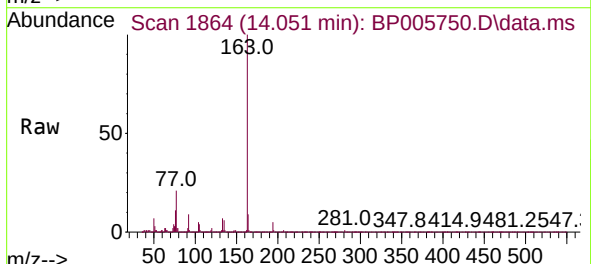
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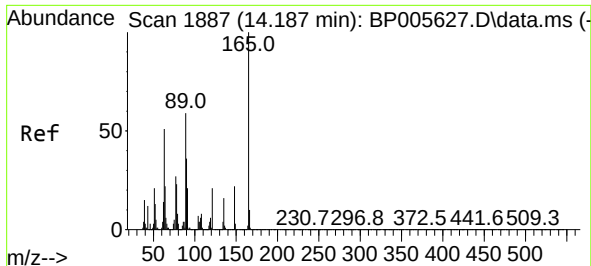
Tgt Ion: 65 Resp: 226
Ion Ratio Lower Upper
65 100
92 44.6 48.8 73.2#
138 7.8 69.5 104.3#



#50
Dimethylphthalate
Concen: 5.07 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion: 163 Resp: 137780
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 9.2 8.1 12.1

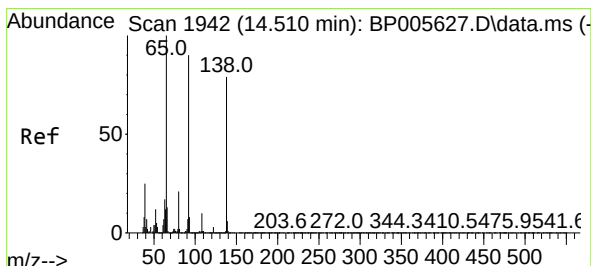
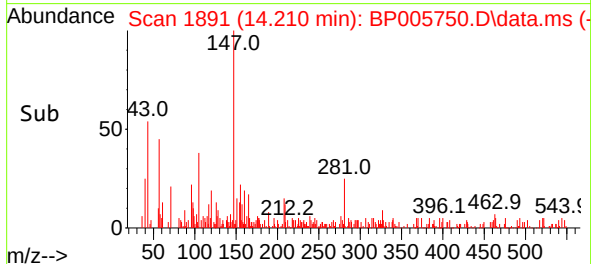
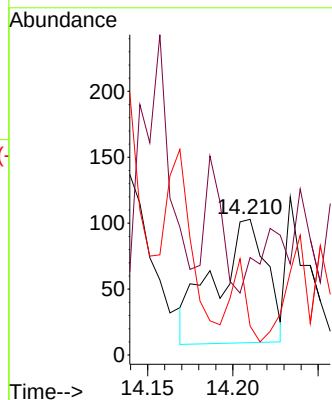
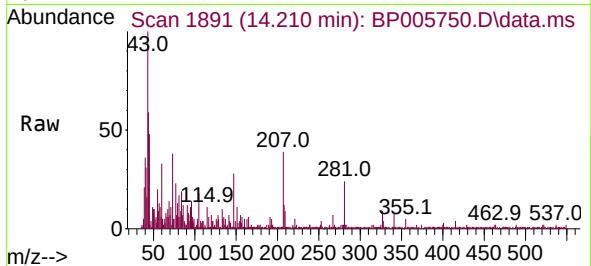




#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.210 min Scan# 1891
Delta R.T. 0.029 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

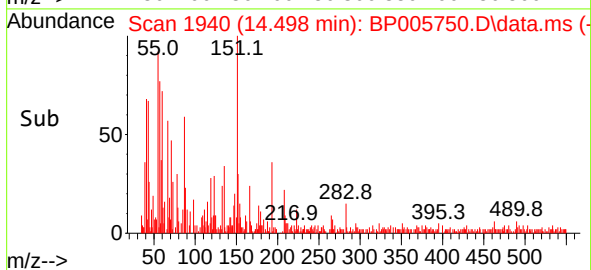
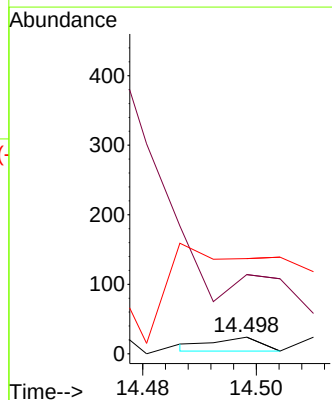
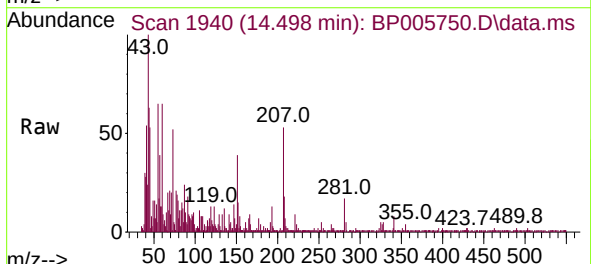
Instrument :
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18-B3(4-6)

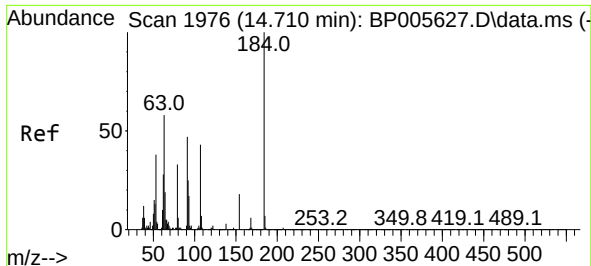
Tgt Ion:	165	Resp:	194
Ion Ratio	Lower	Upper	
165	100		
63	71.8	67.4	101.0
89	21.4	73.8	110.6#



#53
3-Nitroaniline
Concen: 3.65 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:	138	Resp:	11
Ion Ratio	Lower	Upper	
138	100		
108	475.0	10.2	15.4#
92	570.8	108.1	162.1#

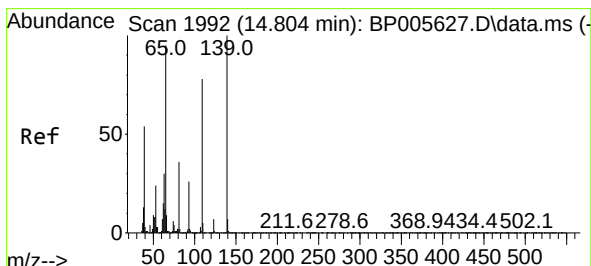
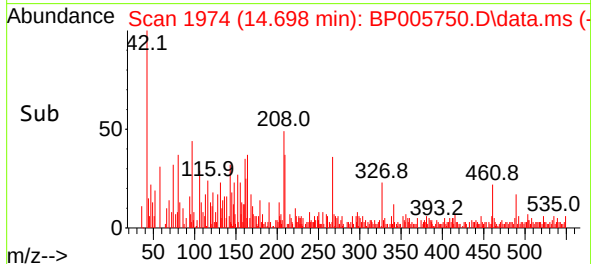
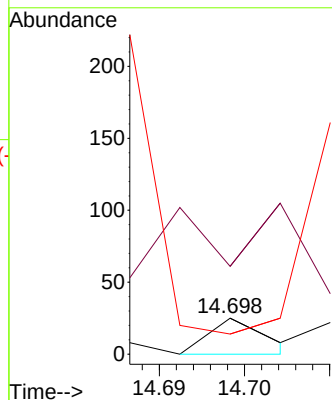
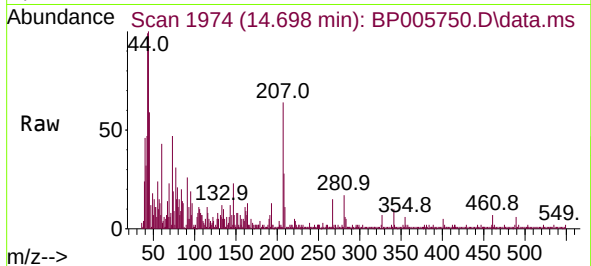




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

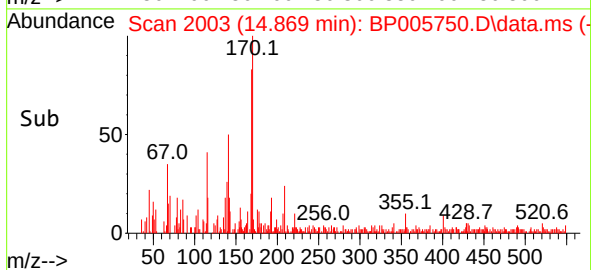
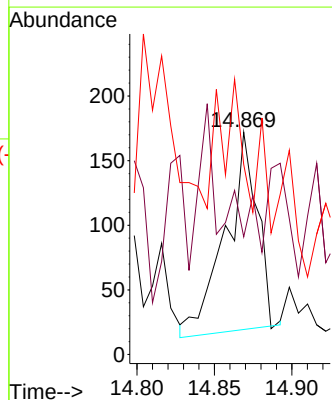
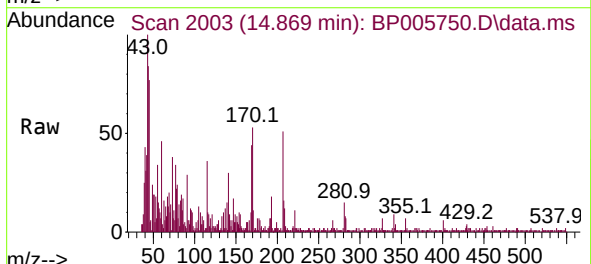
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

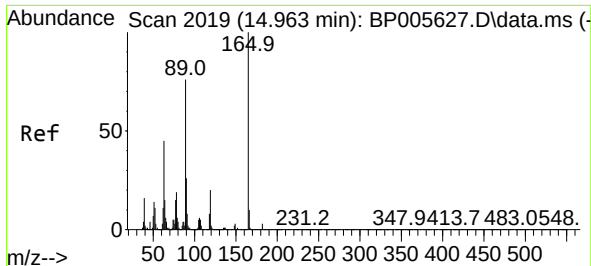
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 244.0 51.2 76.8#
154 56.0 55.8 83.8



#56
4-Nitrophenol
Concen: 3.79 ng
RT: 14.869 min Scan# 2003
Delta R.T. 0.053 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:139 Resp: 217
Ion Ratio Lower Upper
139 100
109 50.8 122.8 162.8#
65 82.1 110.0 150.0#

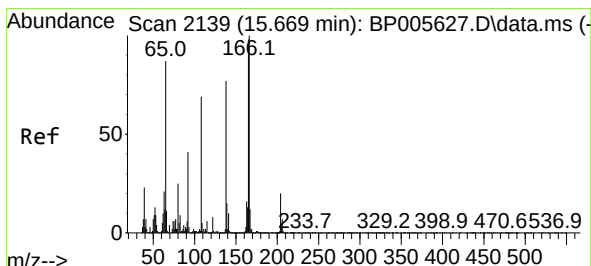
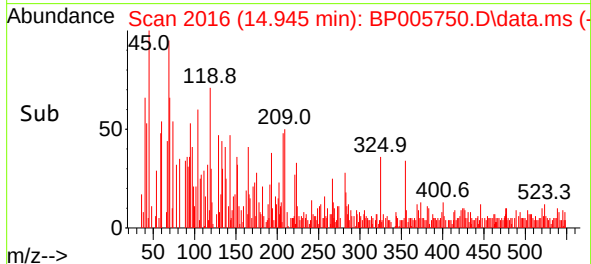
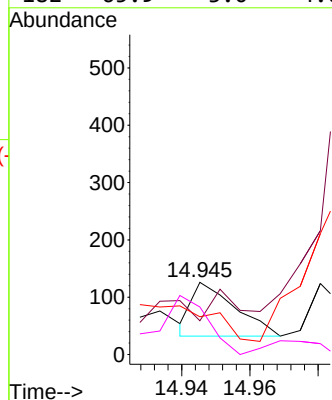
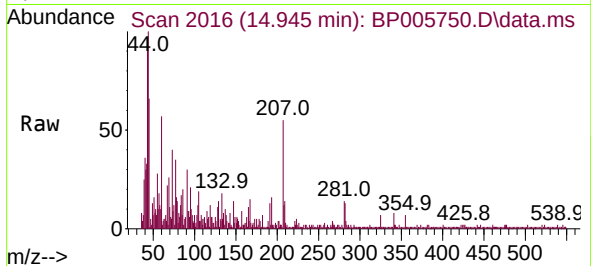




#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

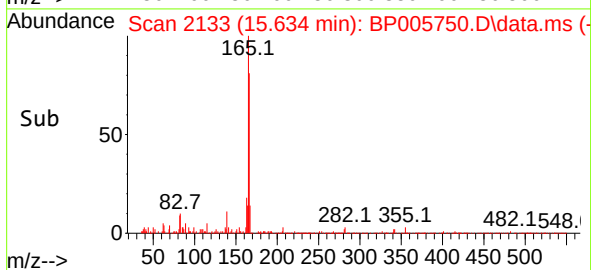
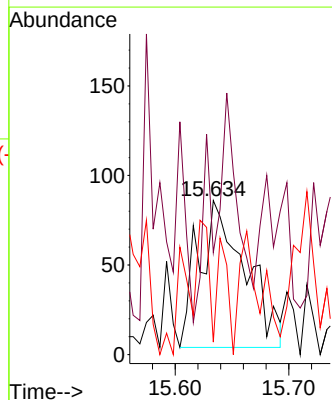
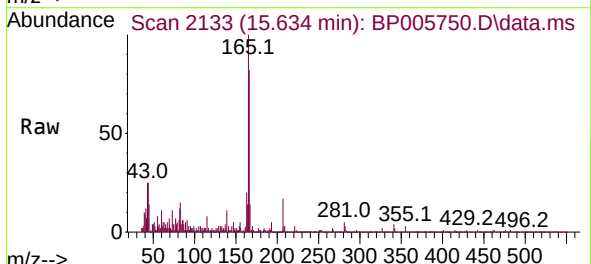
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

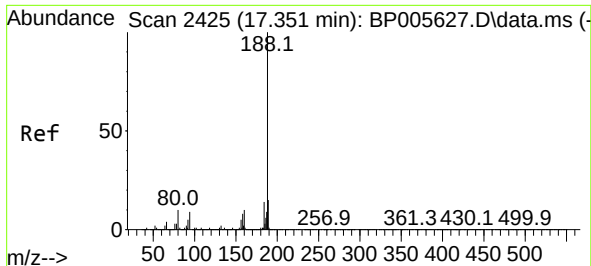
Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 46.8 56.7 85.1#
89 52.4 85.8 128.6#
182 65.9 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.66 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.029 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:138 Resp: 233
Ion Ratio Lower Upper
138 100
92 66.3 50.9 90.9
108 8.1 154.7 194.7#

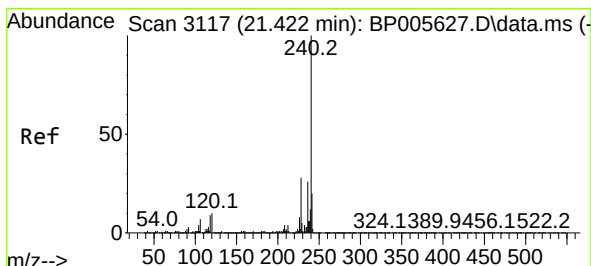
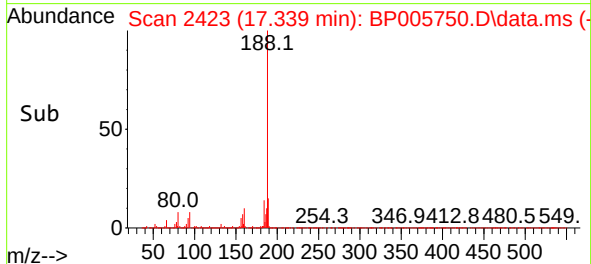
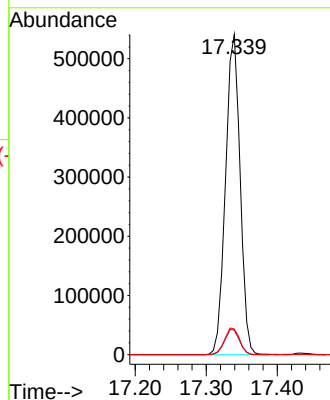
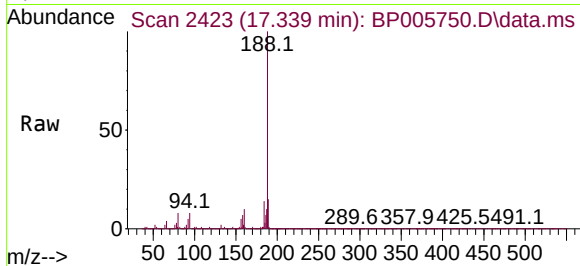




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

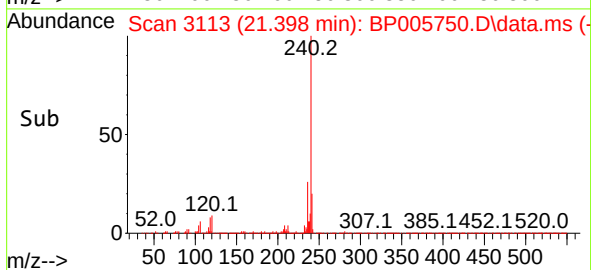
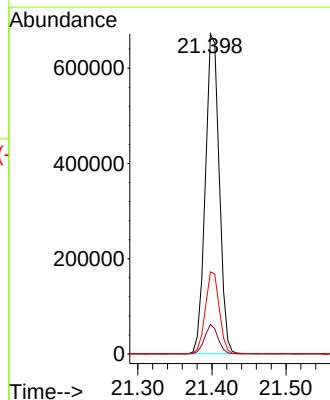
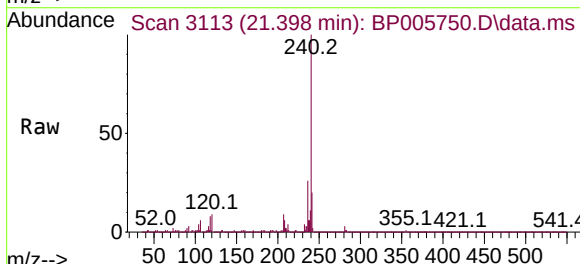
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

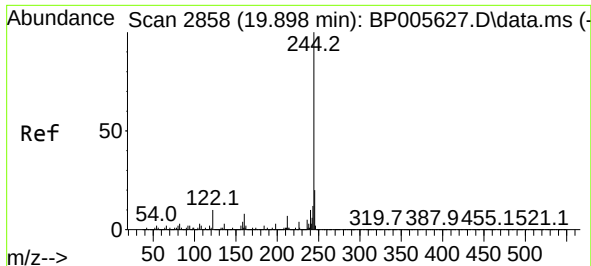
Tgt Ion:188 Resp: 768268
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.1 5.9 8.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:240 Resp: 878631
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 25.6 20.2 30.2

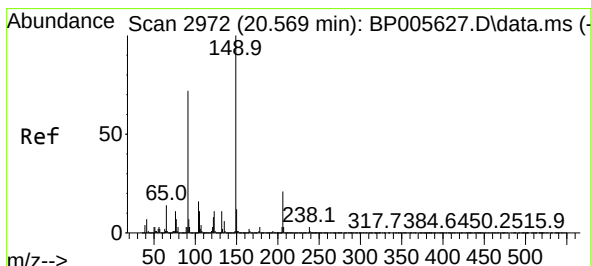
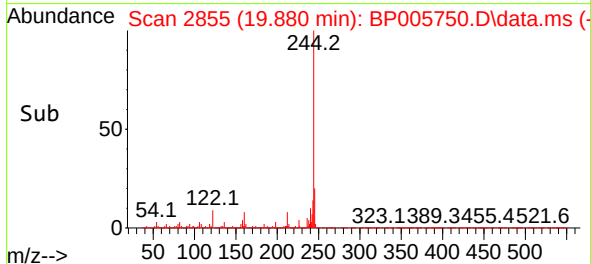
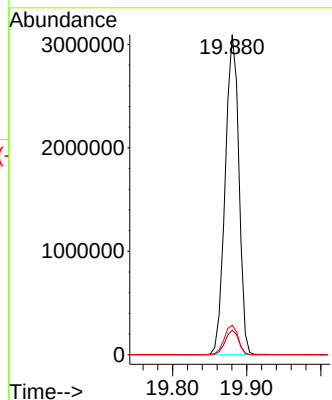
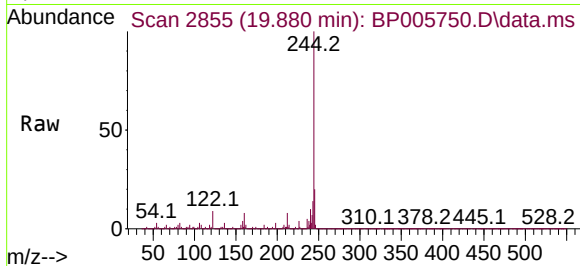




#79
Terphenyl-d14
Concen: 84.65 ng
RT: 19.880 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

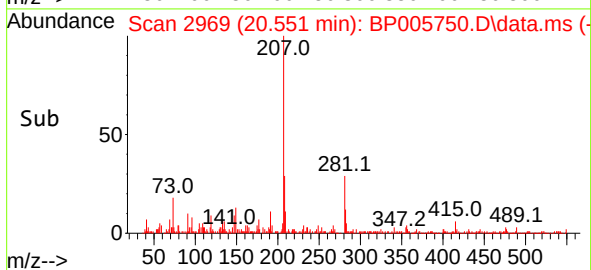
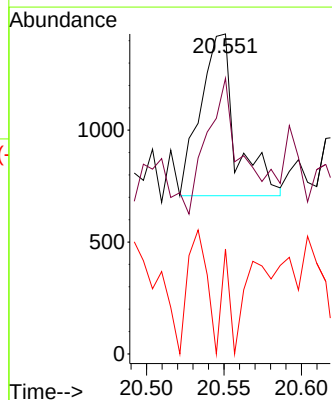
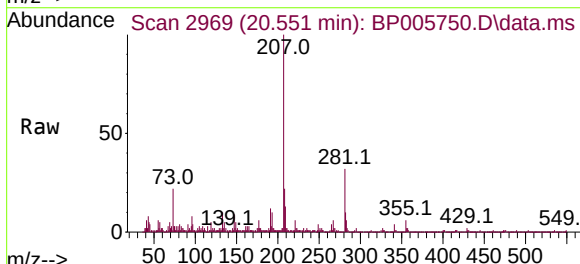
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

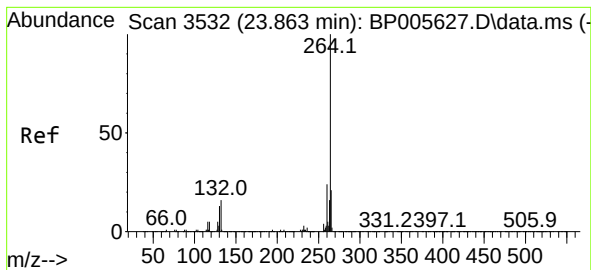
Tgt Ion:244 Resp: 3963461
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.2 5.2 7.8#



#80
Butylbenzylphthalate
Concen: 4.17 ng
RT: 20.551 min Scan# 2969
Delta R.T. -0.006 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Tgt Ion:149 Resp: 1154
Ion Ratio Lower Upper
149 100
91 86.2 60.2 90.4
206 32.8 23.9 35.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP005750.D
Acq: 07 Jun 2021 19:31

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

Tgt Ion:264 Resp: 975738

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	22.1	19.0	28.6

