

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005754.D
 Acq On : 07 Jun 2021 21:49
 Operator : CG/JU
 Sample : M2580-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(0-2)

Quant Time: Jun 08 01:16:54 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)

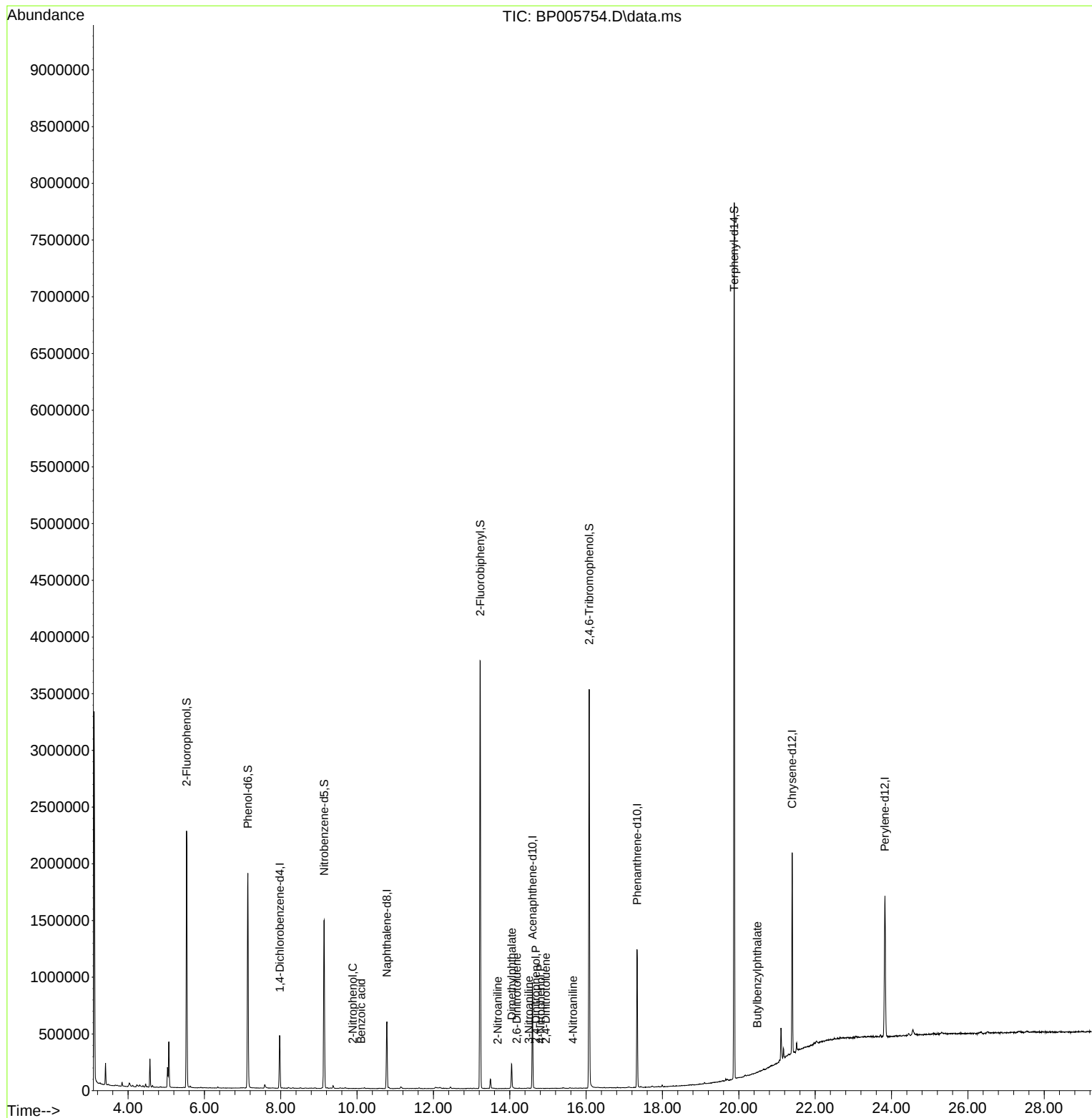
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	127948	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	488800	20.00	ng	0.00
39) Acenaphthene-d10	14.592	164	316605	20.00	ng	-0.01
64) Phenanthrene-d10	17.334	188	720075	20.00	ng	#-0.01
76) Chrysene-d12	21.398	240	879500	20.00	ng	#-0.02
86) Perylene-d12	23.827	264	1002641	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	979566	119.03	ng	0.00
7) Phenol-d6	7.140	99	1059449	94.43	ng	0.00
23) Nitrobenzene-d5	9.140	82	880602	100.19	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	735300	181.12	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	1967698	82.25	ng	0.00
79) Terphenyl-d14	19.880	244	3574743	76.27	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	86	4.18	ng	# 1
32) Benzoic acid	10.110	122	219	5.06	ng	# 1
48) 2-Nitroaniline	13.681	65	77	4.50	ng	# 45
50) Dimethylphthalate	14.051	163	139084	5.52	ng	99
51) 2,6-Dinitrotoluene	14.181	165	85	5.07	ng	# 48
53) 3-Nitroaniline	14.498	138	28	3.66	ng	# 33
54) 2,4-Dinitrophenol	14.687	184	30	6.54	ng	# 1
56) 4-Nitrophenol	14.810	139	94	3.76	ng	# 48
57) 2,4-Dinitrotoluene	14.945	165	175	4.28	ng	# 58
62) 4-Nitroaniline	15.657	138	22	3.63	ng	# 17
80) Butylbenzylphthalate	20.486	149	173	4.14	ng	90

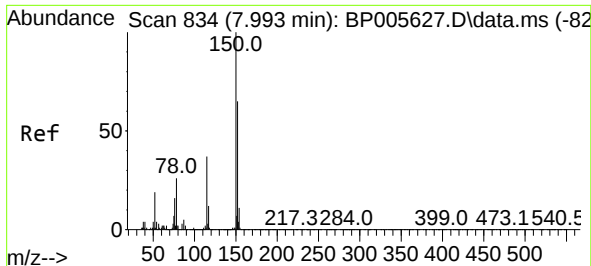
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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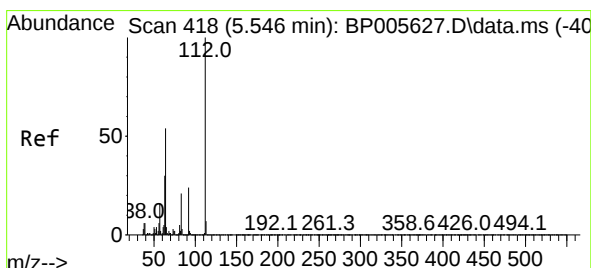
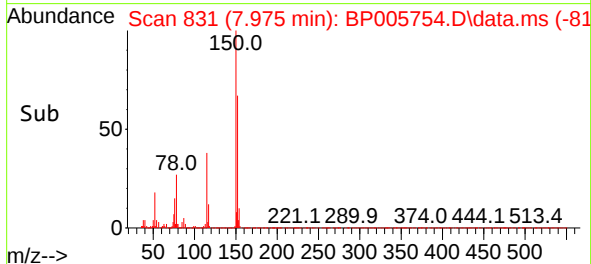
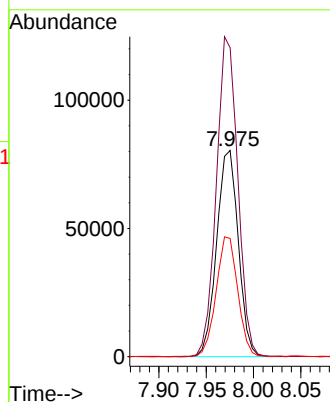
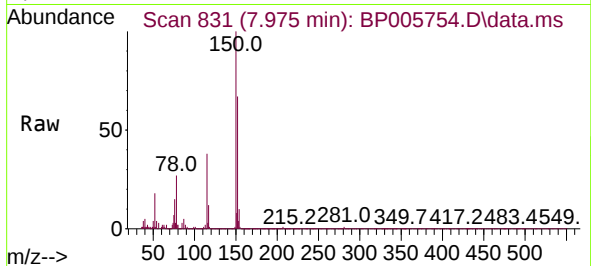




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

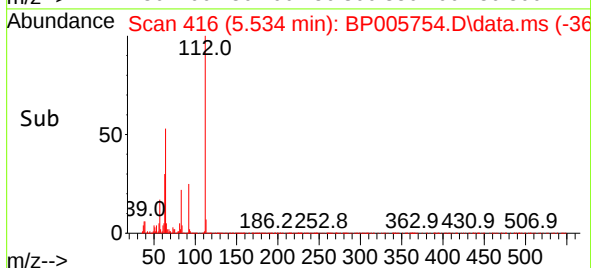
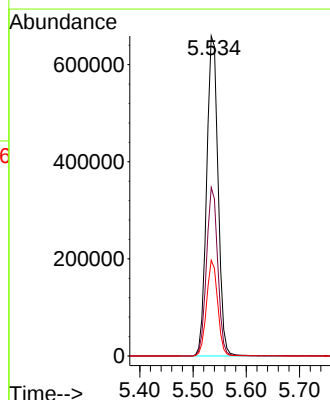
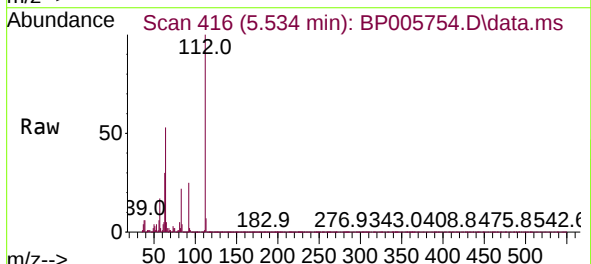
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

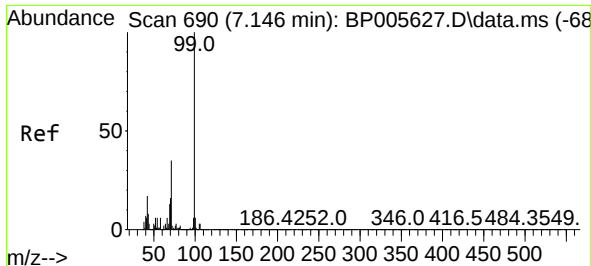
Tgt Ion:152 Resp: 127948
Ion Ratio Lower Upper
152 100
150 149.9 119.8 179.8
115 57.4 49.0 73.4



#5
2-Fluorophenol
Concen: 119.03 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:112 Resp: 979566
Ion Ratio Lower Upper
112 100
64 52.7 33.6 50.4#
63 29.9 18.6 27.8#



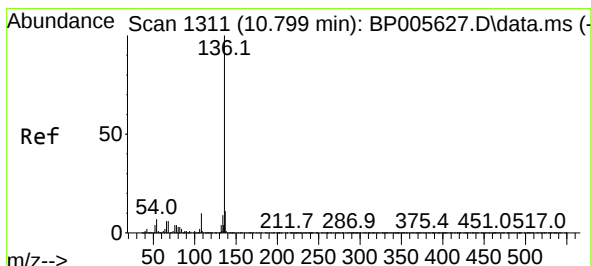
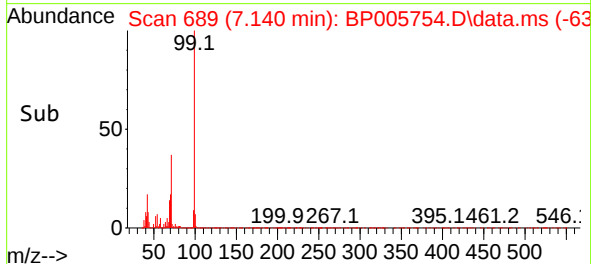
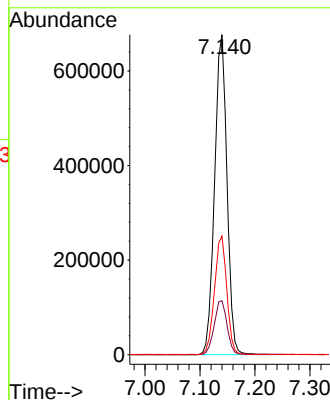
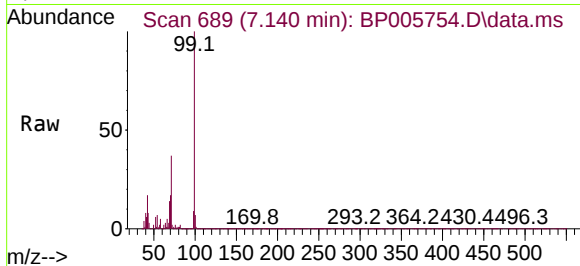


#7
Phenol-d6
Concen: 94.43 ng
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Tgt Ion: 99 Resp: 1059449

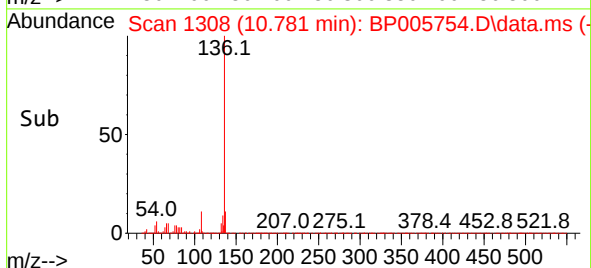
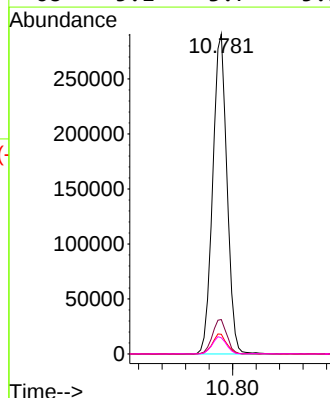
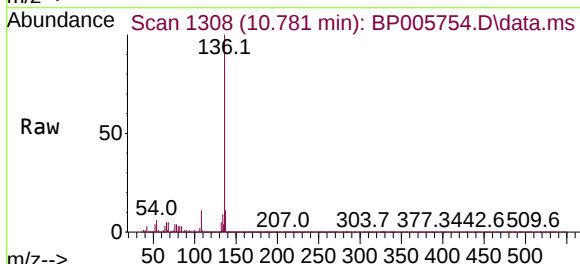
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.9	19.3
71	37.0	26.7	40.1

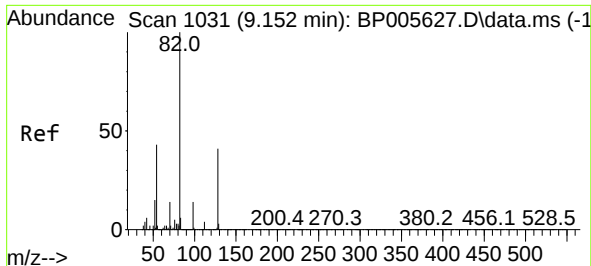


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion: 136 Resp: 488800

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	5.0	7.4
68	5.1	3.7	5.5

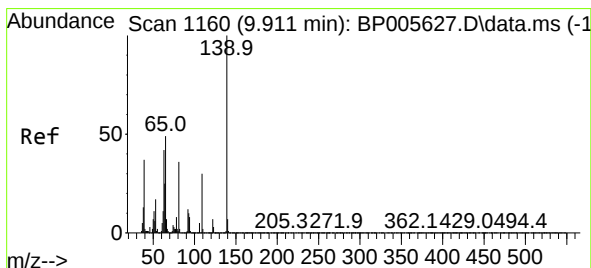
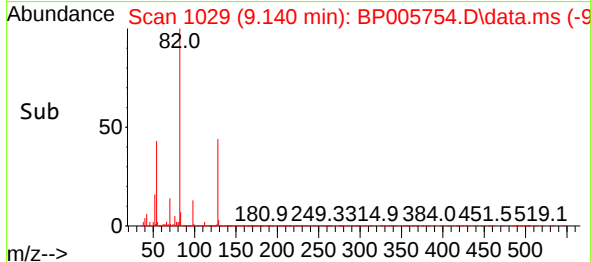
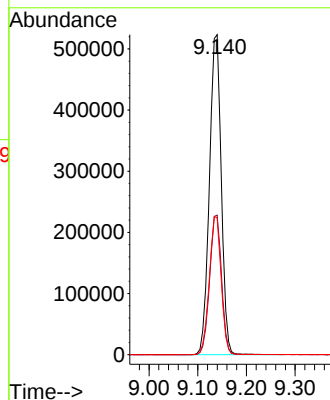
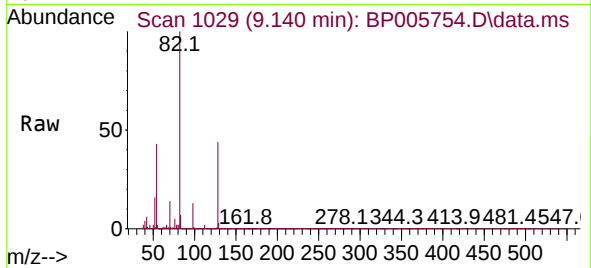




#23
Nitrobenzene-d5
Concen: 100.19 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

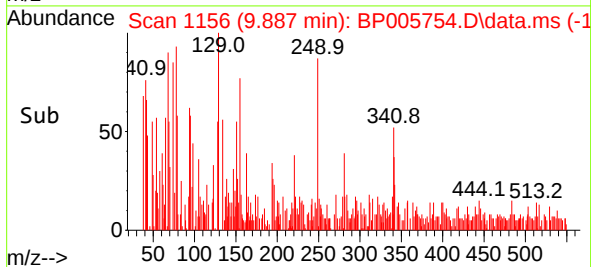
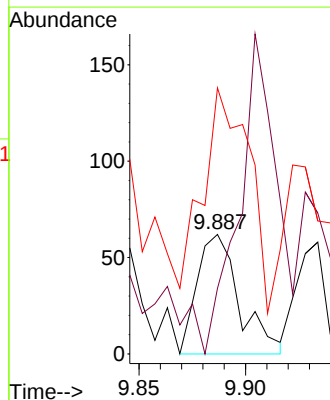
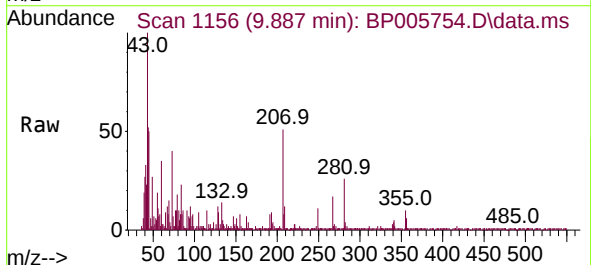
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

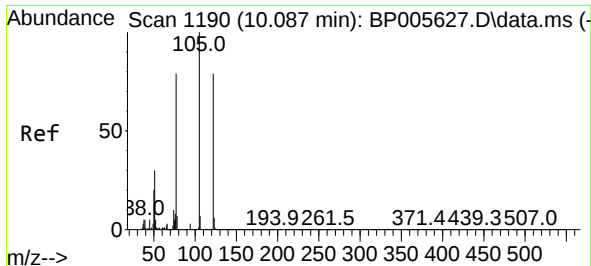
Tgt Ion: 82 Resp: 880602
Ion Ratio Lower Upper
82 100
128 43.6 30.5 45.7
54 42.7 33.9 50.9



#26
2-Nitrophenol
Concen: 4.18 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 54.8 40.7 61.1
65 222.6 47.8 71.6#

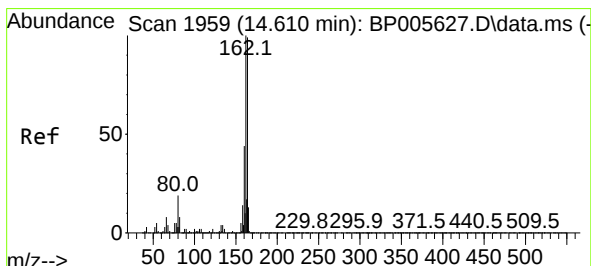
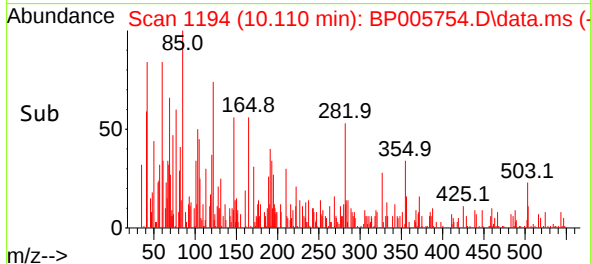
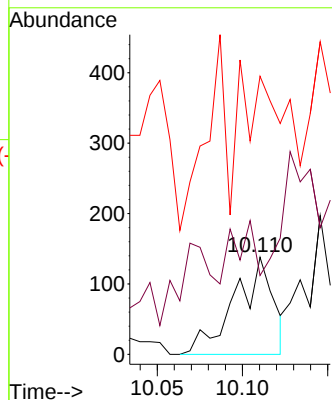
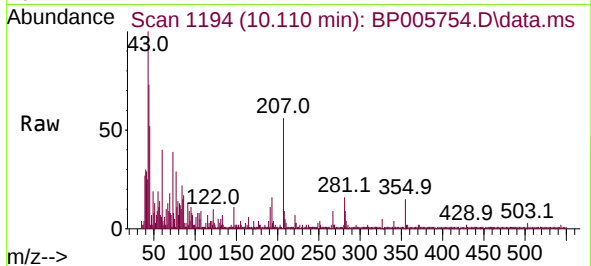




#32
Benzoic acid
Concen: 5.06 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

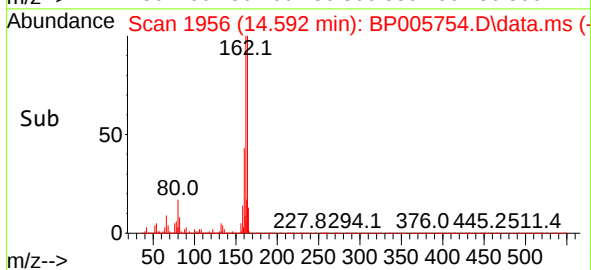
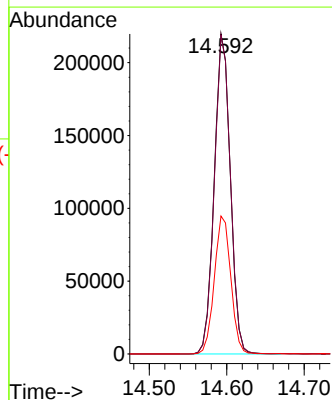
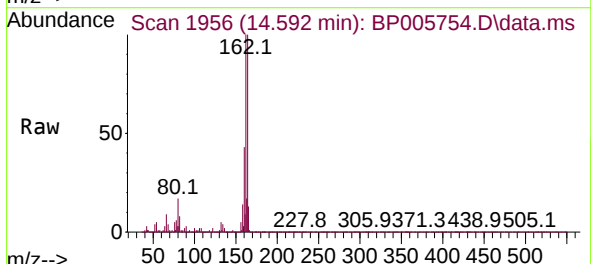
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BNA_P
ClientSampleId :
18-B5(0-2)

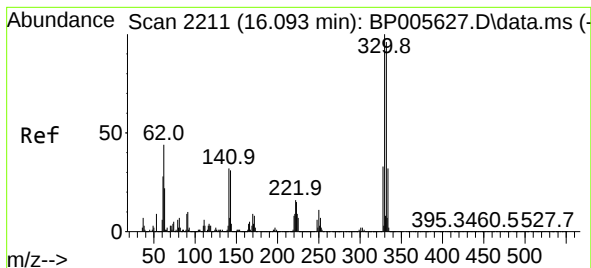
Tgt Ion:122 Resp: 219
Ion Ratio Lower Upper
122 100
105 81.2 105.1 145.1#
77 286.2 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:164 Resp: 316605
Ion Ratio Lower Upper
164 100
162 99.6 73.5 110.3
160 43.1 40.6 61.0

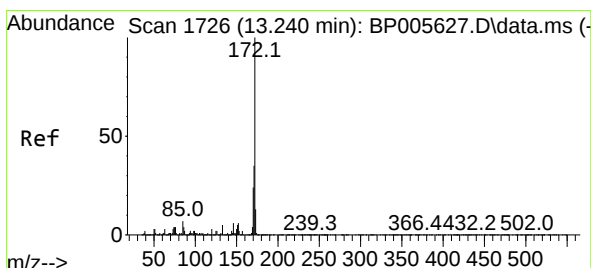
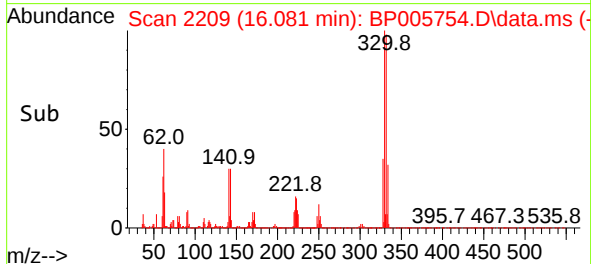
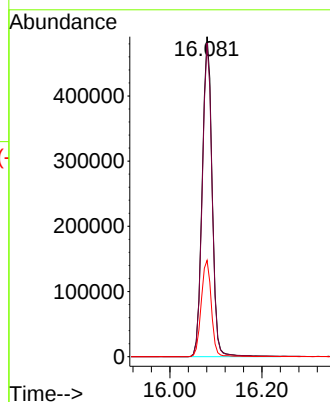
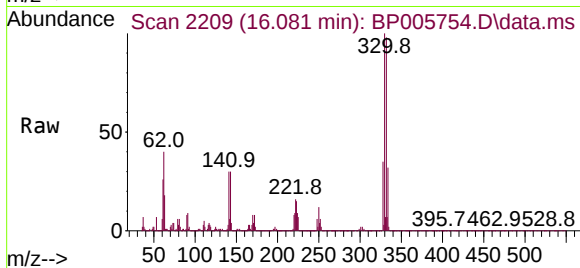




#42
2,4,6-Tribromophenol
Concen: 181.12 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

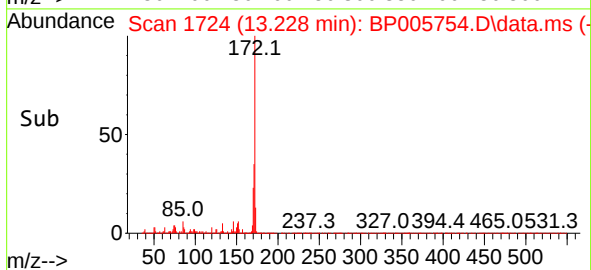
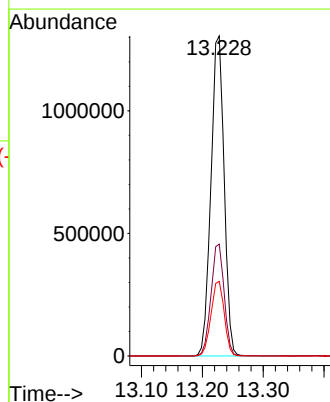
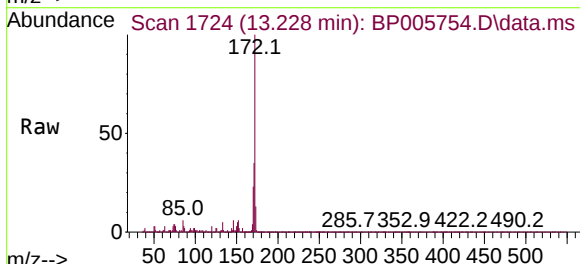
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

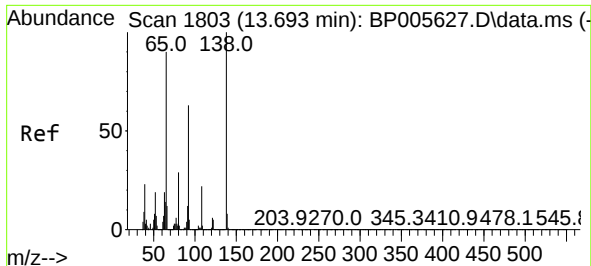
Tgt Ion:330 Resp: 735300
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 30.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 82.25 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:172 Resp: 1967698
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 19.6 29.4

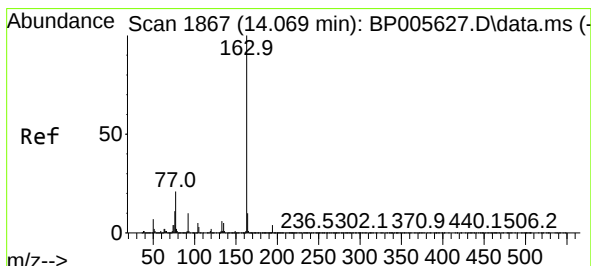
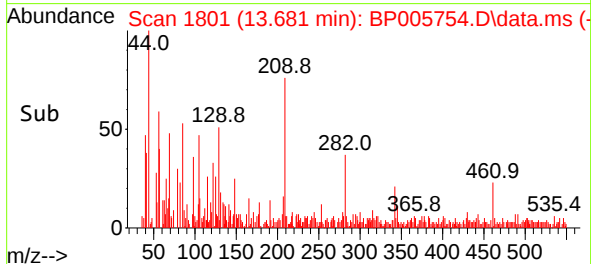
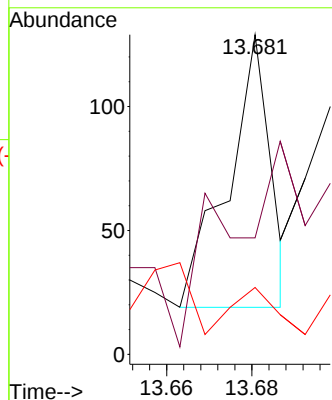
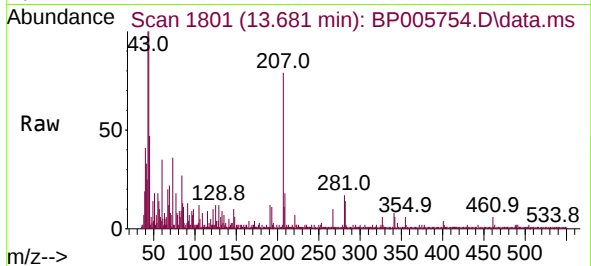




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

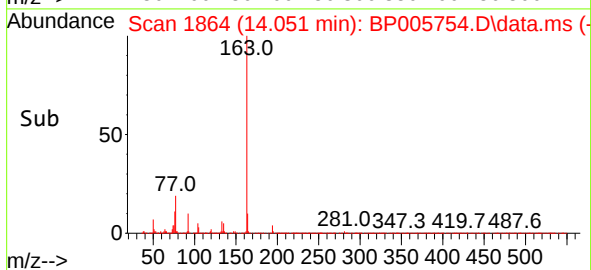
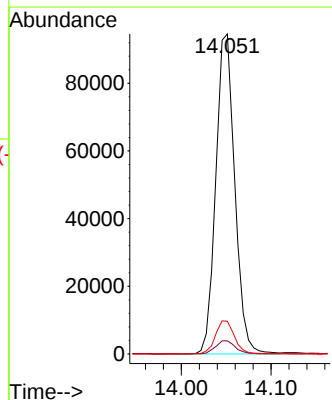
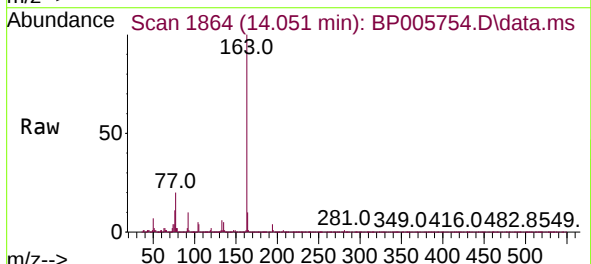
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BNA_P
ClientSampled :
18-B5(0-2)

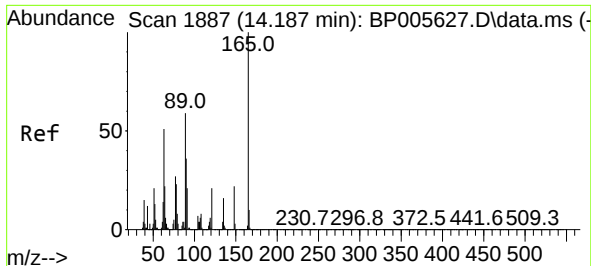
Tgt Ion: 65 Resp: 77
Ion Ratio Lower Upper
65 100
92 36.4 48.8 73.2#
138 20.9 69.5 104.3#



#50
Dimethylphthalate
Concen: 5.52 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion: 163 Resp: 139084
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 10.2 8.1 12.1

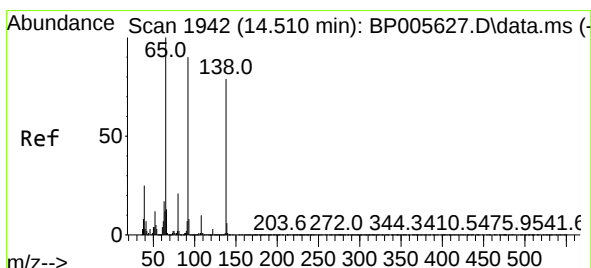
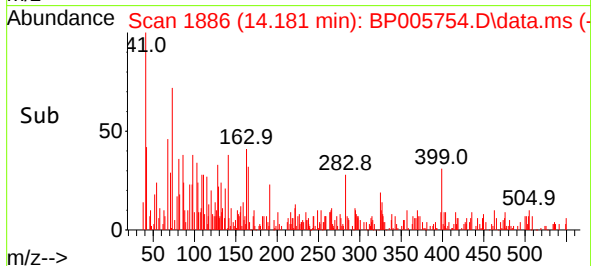
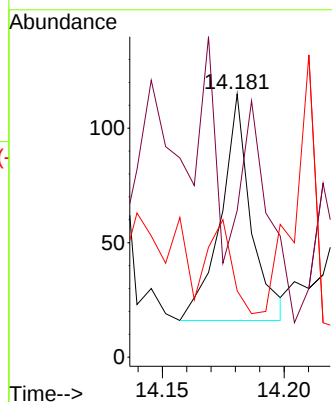
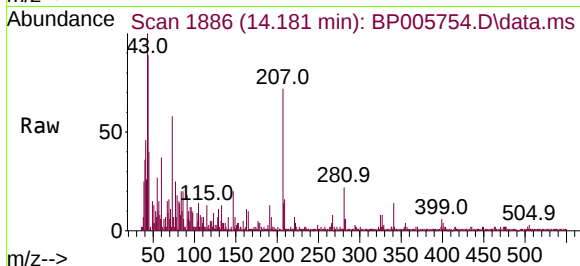




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.181 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

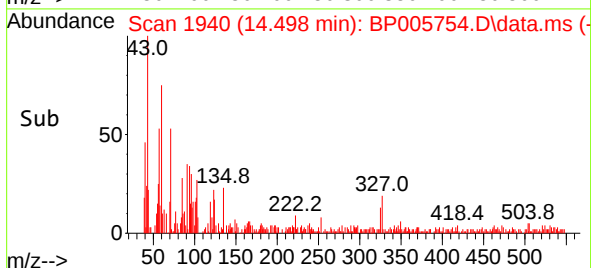
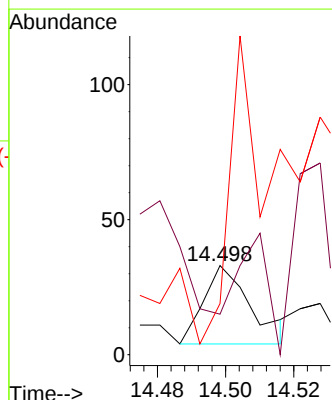
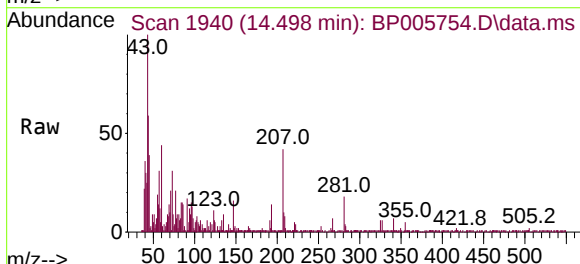
Instrument :
BNA_P
ClientSampled :
18-B5(0-2)

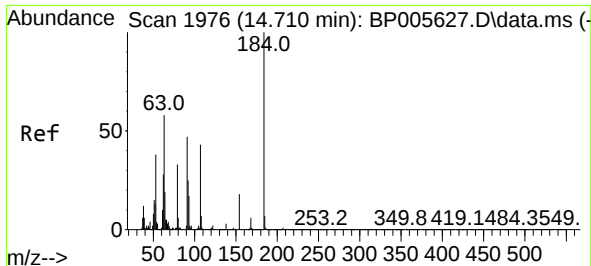
Tgt Ion:165 Resp: 85
Ion Ratio Lower Upper
165 100
63 55.7 67.4 101.0#
89 25.2 73.8 110.6#



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:138 Resp: 28
Ion Ratio Lower Upper
138 100
108 45.5 10.2 15.4#
92 57.6 108.1 162.1#

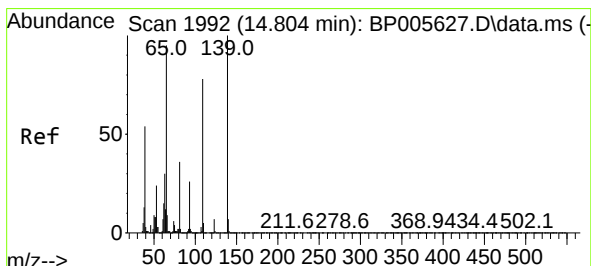
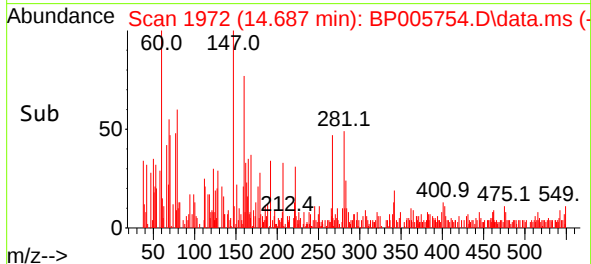
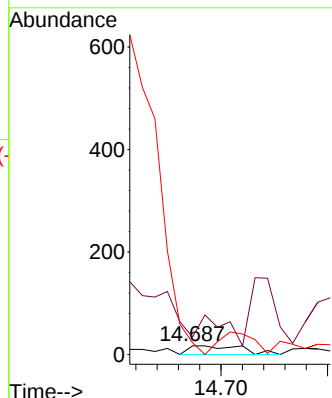
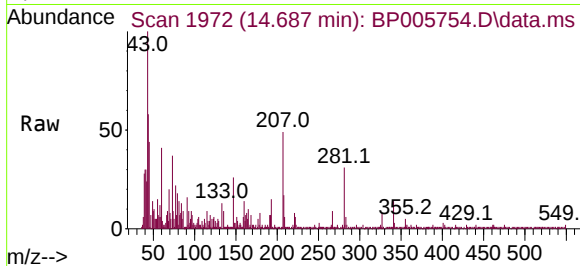




#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.035 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

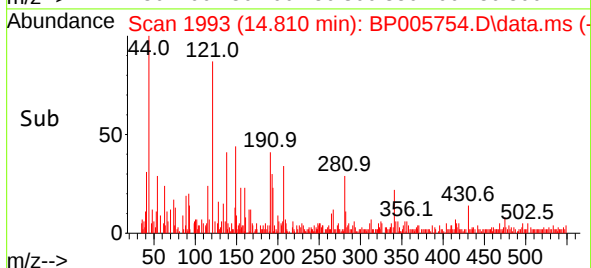
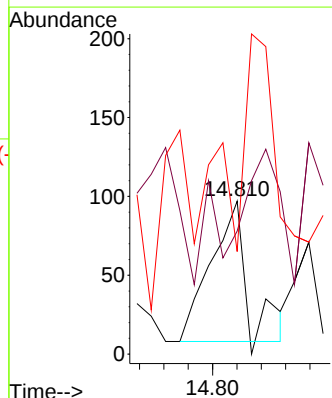
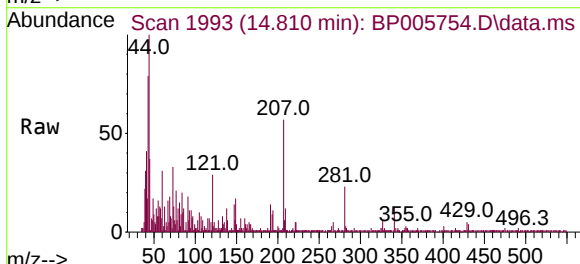
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

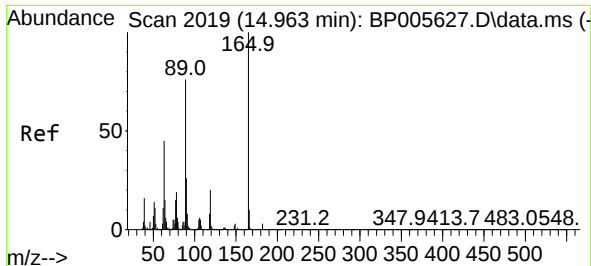
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 200.0 51.2 76.8#
154 135.3 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:139 Resp: 94
Ion Ratio Lower Upper
139 100
109 80.4 122.8 162.8#
65 67.0 110.0 150.0#

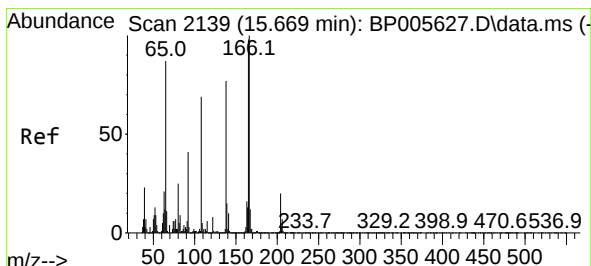
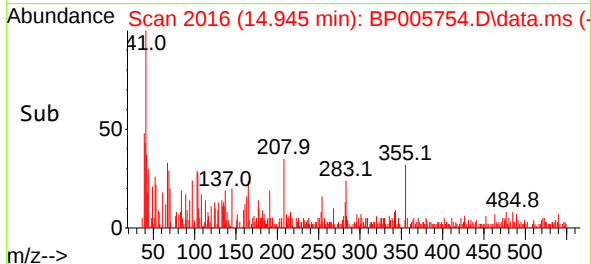
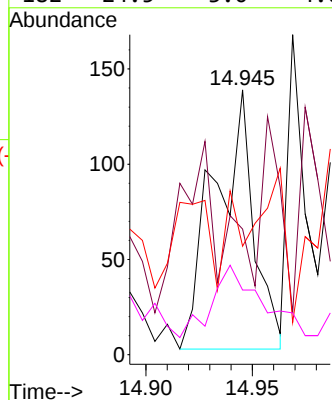
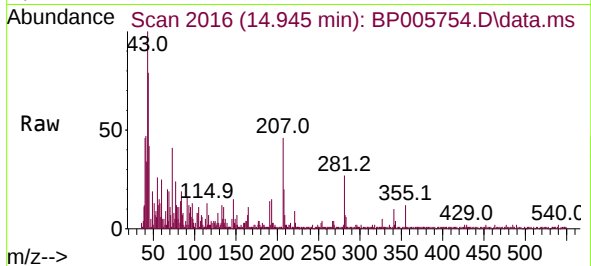




#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

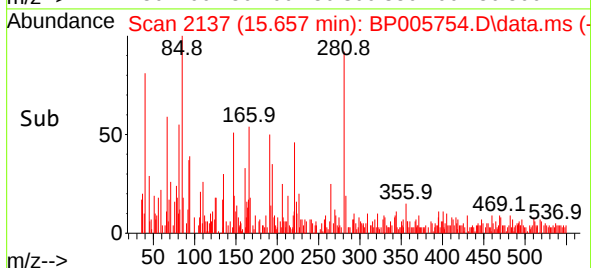
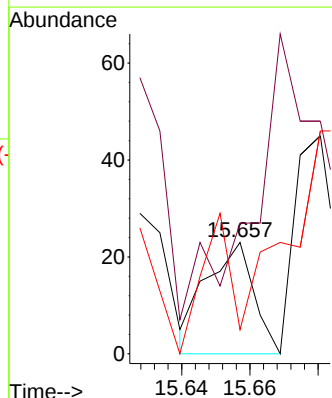
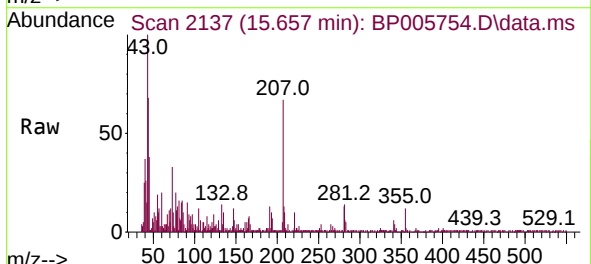
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

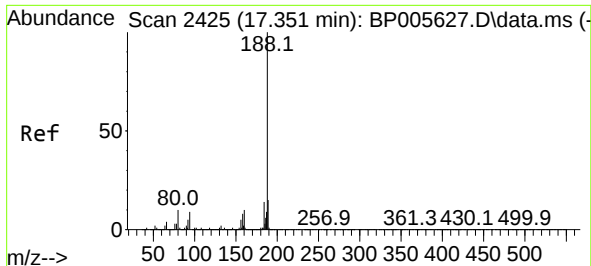
Tgt Ion:165 Resp: 175
Ion Ratio Lower Upper
165 100
63 47.5 56.7 85.1#
89 55.4 85.8 128.6#
182 24.5 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 117.4 50.9 90.9#
108 43.5 154.7 194.7#

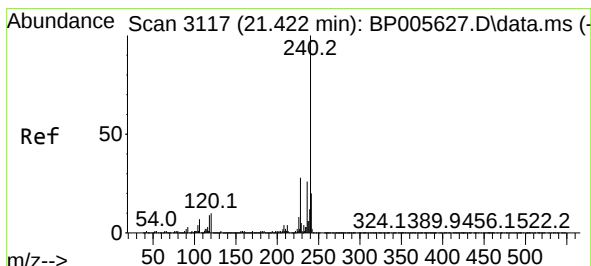
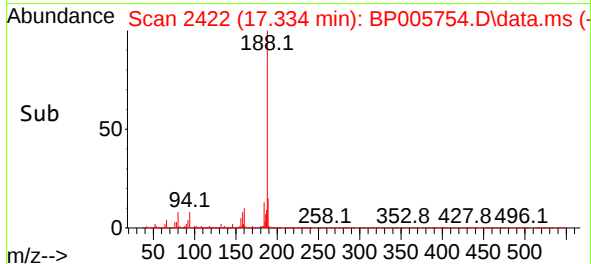
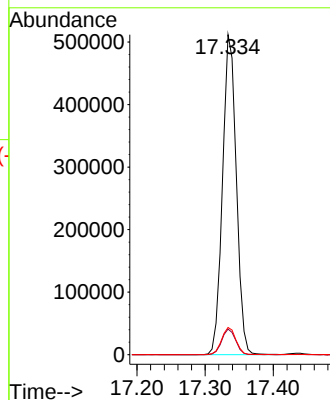
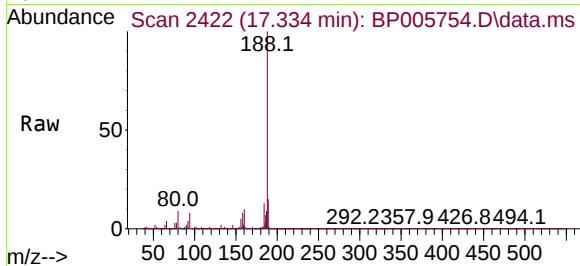




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

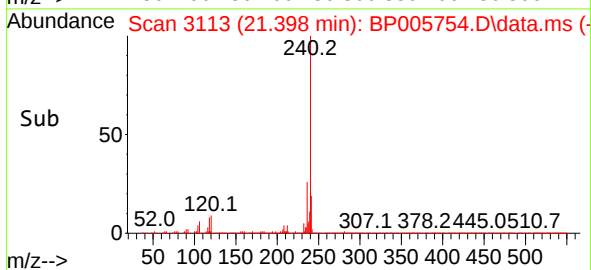
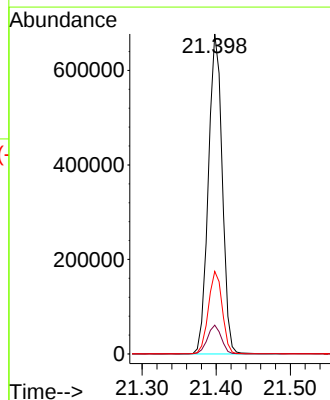
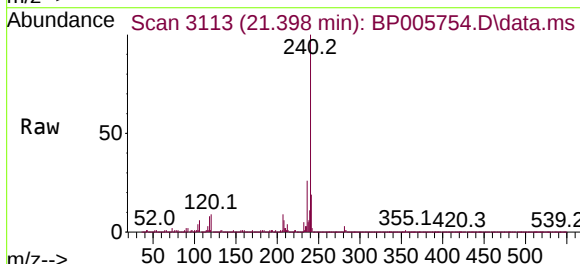
Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

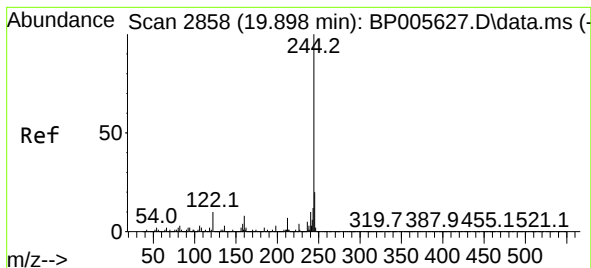
Tgt Ion:188 Resp: 720075
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.5 5.9 8.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005754.D
Acq: 07 Jun 2021 21:49

Tgt Ion:240 Resp: 879500
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 76.27 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005754.D

Acq: 07 Jun 2021 21:49

Instrument :

BNA_P

ClientSampleId :

18-B5(0-2)

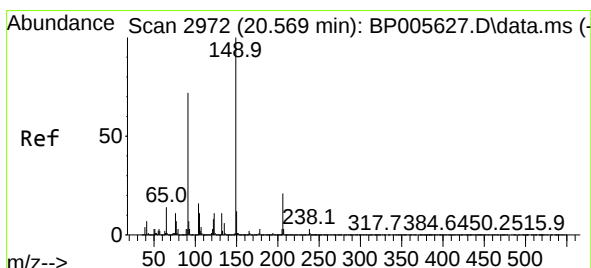
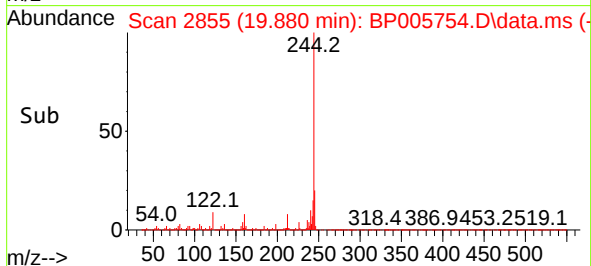
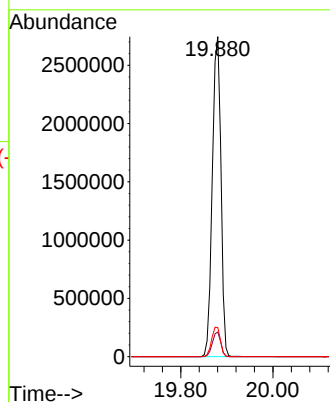
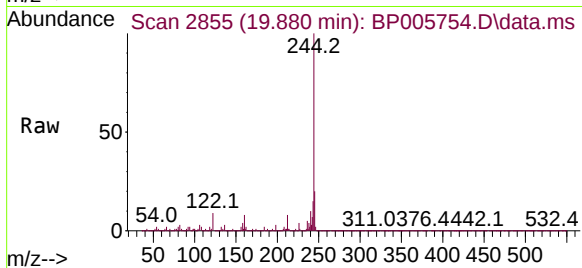
Tgt Ion:244 Resp: 3574743

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.1 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.14 ng

RT: 20.486 min Scan# 2958

Delta R.T. -0.071 min

Lab File: BP005754.D

Acq: 07 Jun 2021 21:49

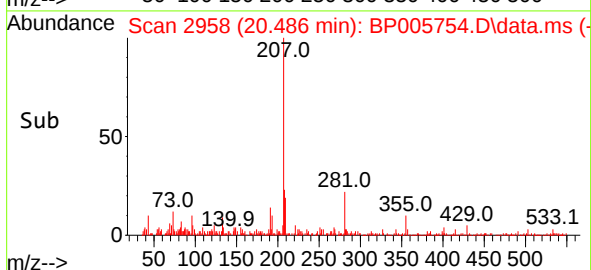
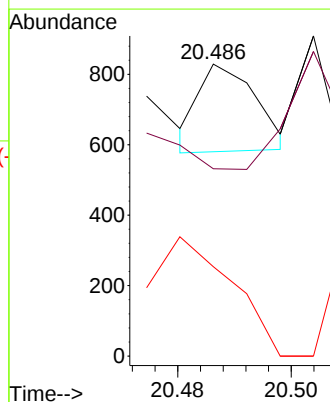
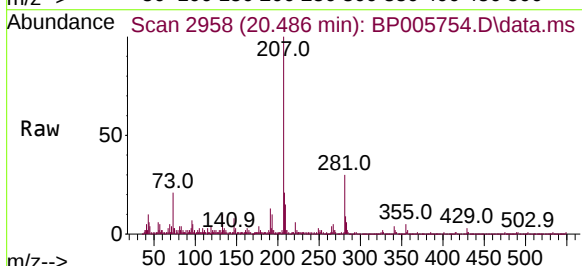
Tgt Ion:149 Resp: 173

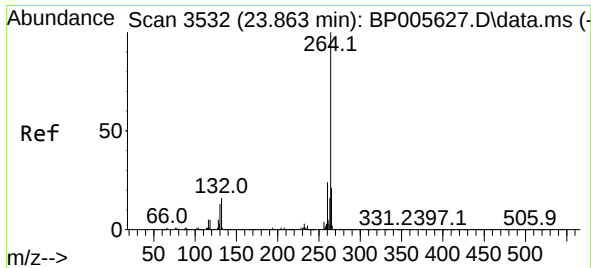
Ion Ratio Lower Upper

149 100

91 64.2 60.2 90.4

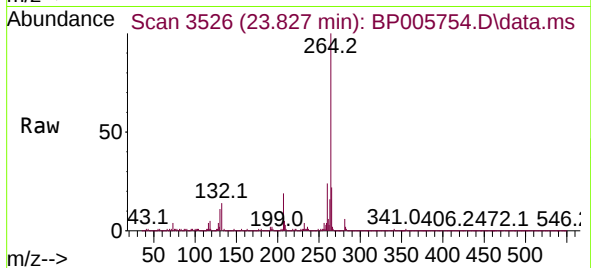
206 30.6 23.9 35.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.827 min Scan# 3526
 Delta R.T. -0.024 min
 Lab File: BP005754.D
 Acq: 07 Jun 2021 21:49

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(0-2)



Tgt Ion:264 Resp: 1002641

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	22.1	19.0	28.6

