

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005761.D
 Acq On : 08 Jun 2021 03:36
 Operator : CG/JU
 Sample : M2603-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC1

Quant Time: Jun 08 05:44:44 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)

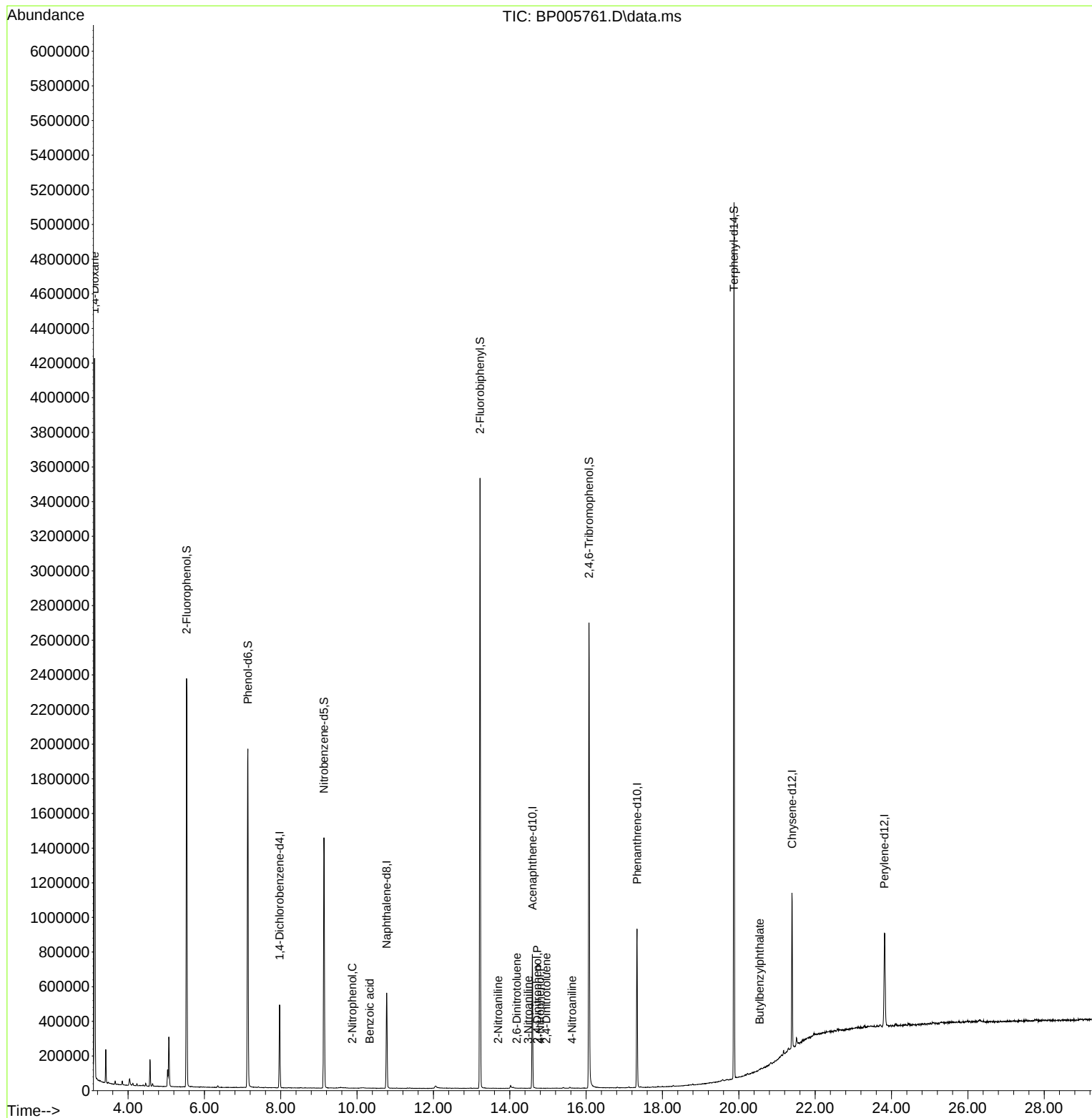
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	127474	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	458409	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	274352	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	542061	20.00	ng	-0.01
76) Chrysene-d12	21.392	240	444993	20.00	ng	#-0.02
86) Perylene-d12	23.815	264	467000	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1016600	123.99	ng	0.00
7) Phenol-d6	7.140	99	1096761	98.12	ng	0.00
23) Nitrobenzene-d5	9.134	82	833635	101.14	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	576642	163.91	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1780911	85.91	ng	-0.01
79) Terphenyl-d14	19.875	244	2348064	99.01	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	30624	8.16	ng	# 1
26) 2-Nitrophenol	9.875	139	21	4.16	ng	# 1
32) Benzoic acid	10.334	122	152	5.05	ng	89
48) 2-Nitroaniline	13.698	65	59	4.50	ng	# 59
51) 2,6-Dinitrotoluene	14.181	165	57	5.07	ng	# 75
53) 3-Nitroaniline	14.481	138	45	3.66	ng	# 39
54) 2,4-Dinitrophenol	14.722	184	7	6.53	ng	# 47
56) 4-Nitrophenol	14.792	139	25	3.75	ng	# 41
57) 2,4-Dinitrotoluene	14.957	165	143	4.28	ng	# 34
62) 4-Nitroaniline	15.634	138	54	3.64	ng	# 33
80) Butylbenzylphthalate	20.545	149	940	4.20	ng	# 92

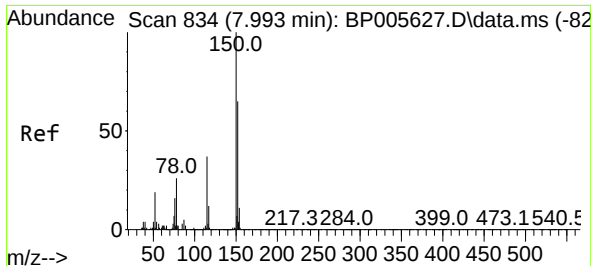
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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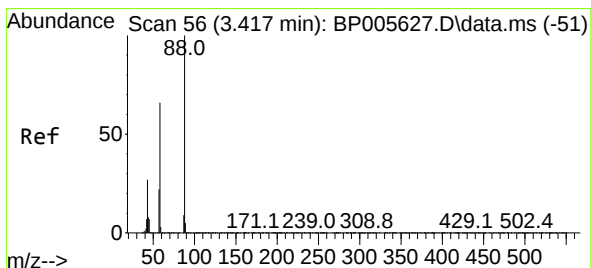
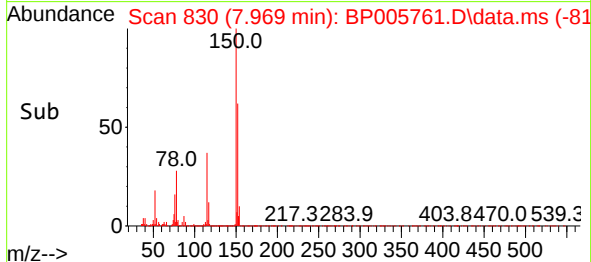
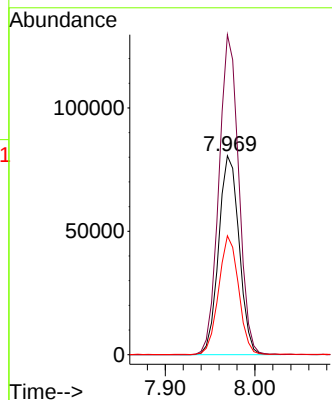
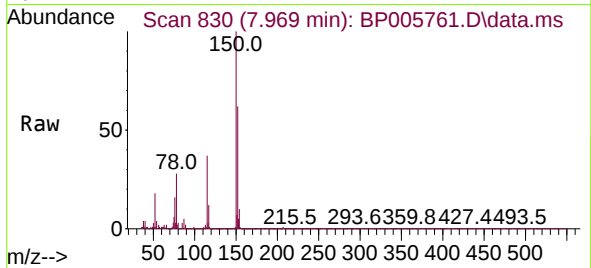




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

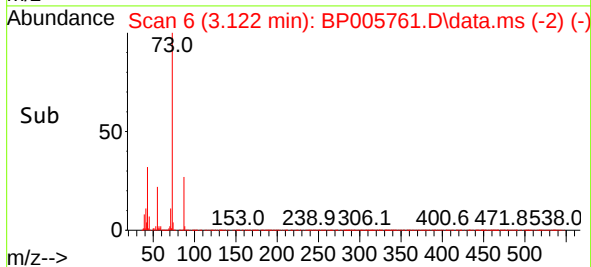
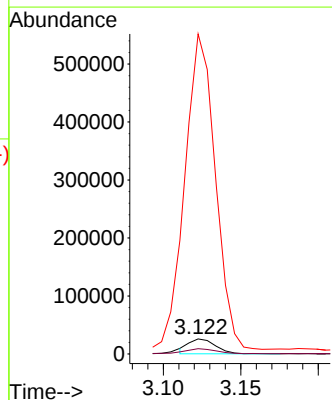
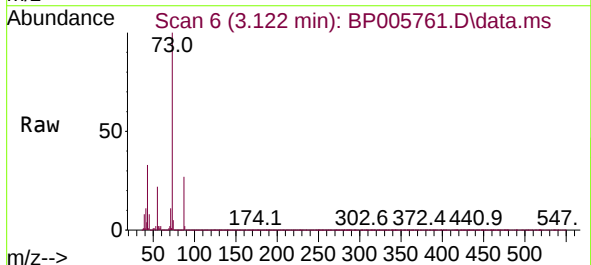
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

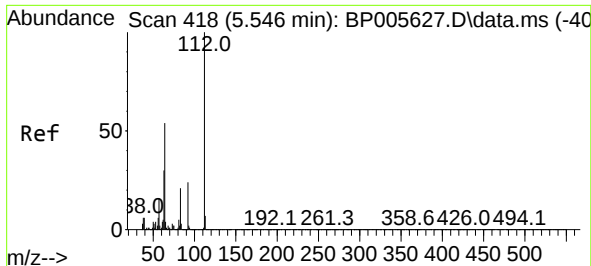
Tgt Ion:152 Resp: 127474
Ion Ratio Lower Upper
152 100
150 160.9 119.8 179.8
115 59.8 49.0 73.4



#2
1,4-Dioxane
Concen: 8.16 ng
RT: 3.122 min Scan# 6
Delta R.T. -0.276 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion: 88 Resp: 30624
Ion Ratio Lower Upper
88 100
58 33.9 42.5 63.7#
43 2118.8 19.8 29.8#

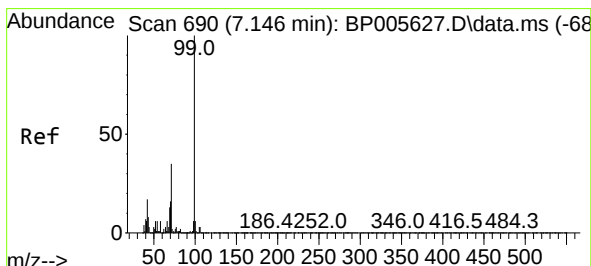
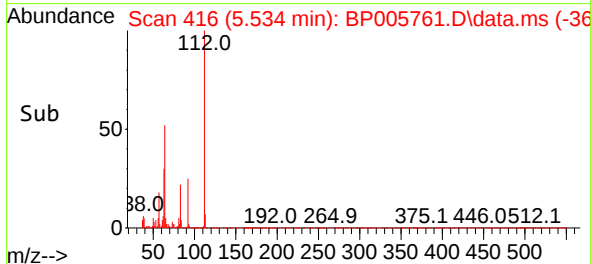
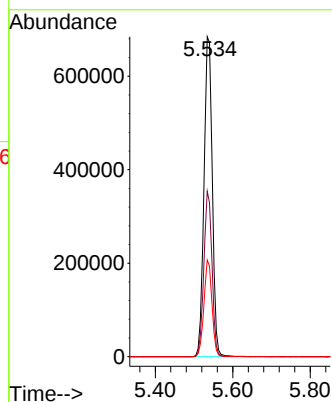
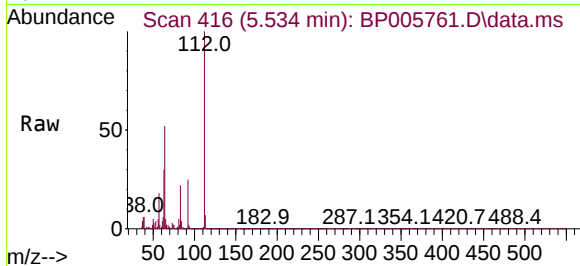




#5
2-Fluorophenol
Concen: 123.99 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

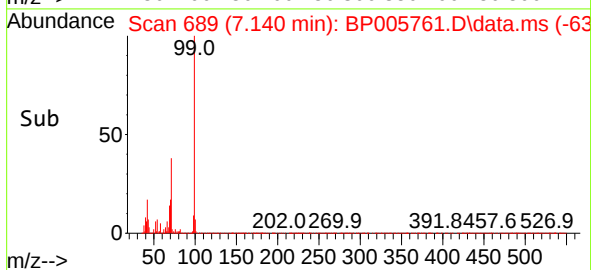
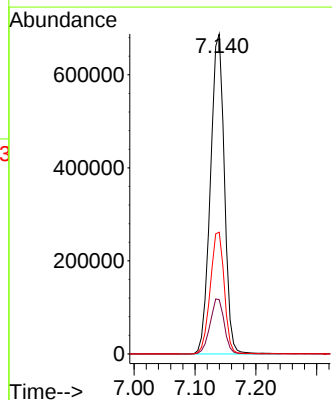
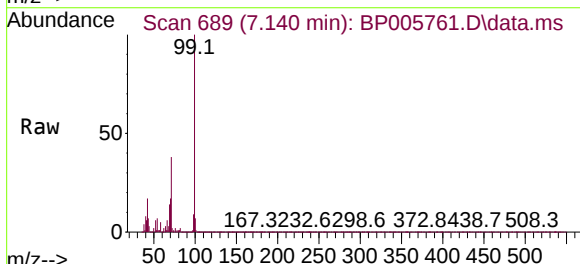
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

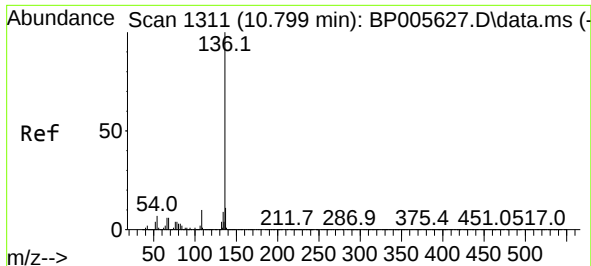
Tgt Ion:112 Resp: 1016600
Ion Ratio Lower Upper
112 100
64 51.7 33.6 50.4#
63 30.2 18.6 27.8#



#7
Phenol-d6
Concen: 98.12 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion: 99 Resp: 1096761
Ion Ratio Lower Upper
99 100
42 17.0 12.9 19.3
71 38.1 26.7 40.1

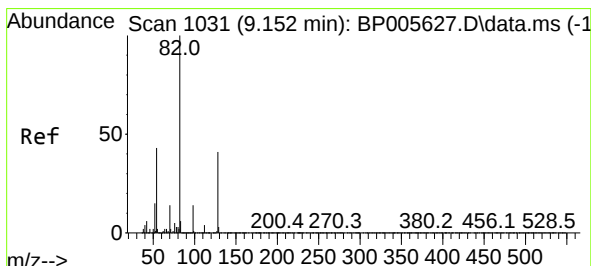
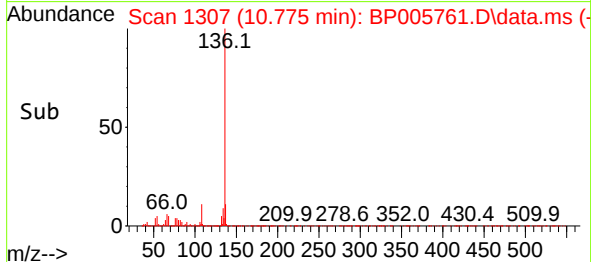
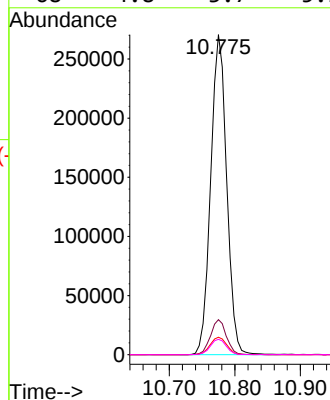
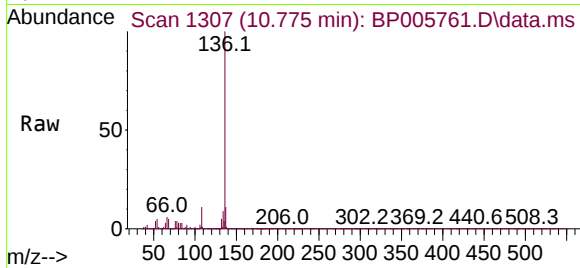




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

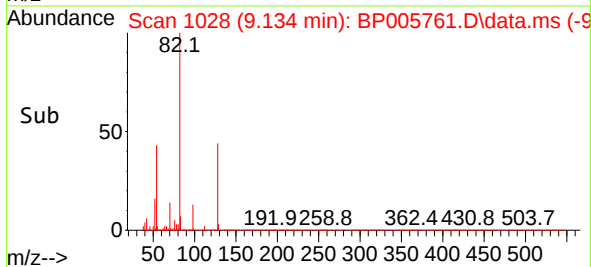
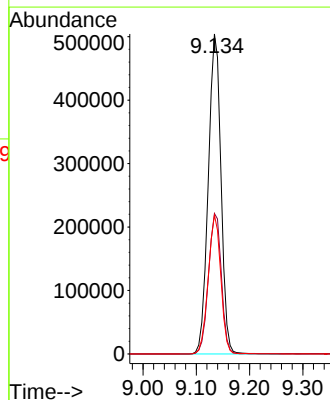
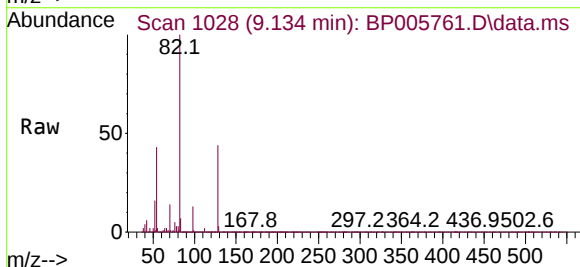
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

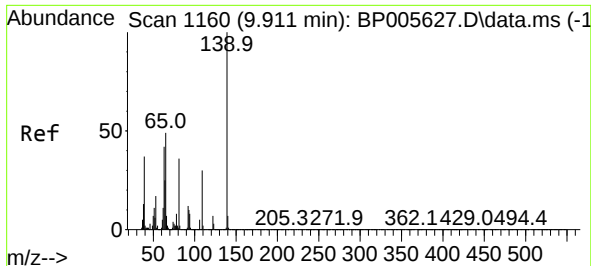
Tgt Ion:	136	Resp:	458409
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	5.5	5.0	7.4
68	4.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 101.14 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:	82	Resp:	833635
Ion Ratio	Lower	Upper	
82	100		
128	43.9	30.5	45.7
54	43.4	33.9	50.9

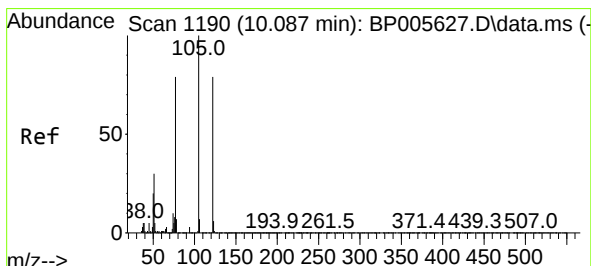
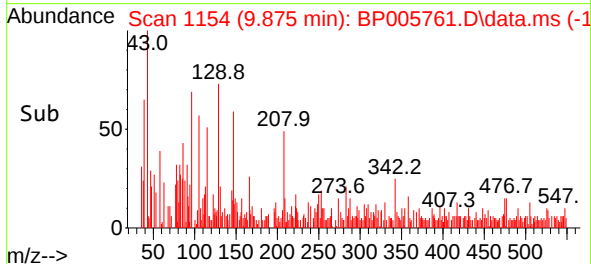
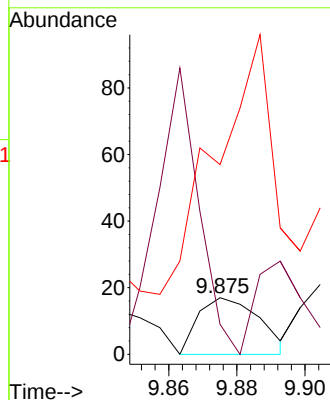
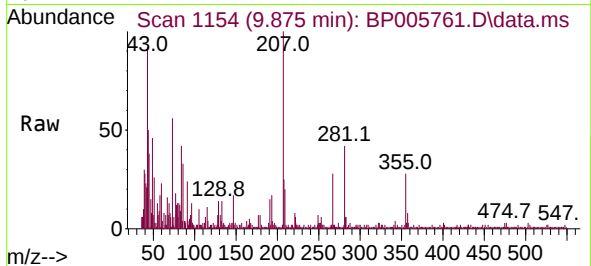




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.024 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

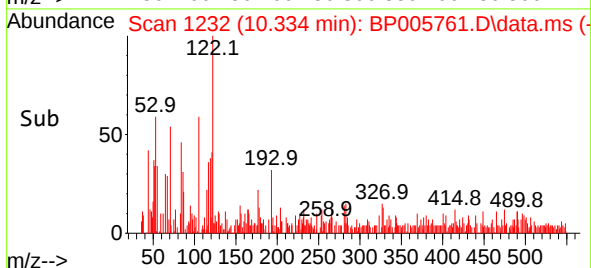
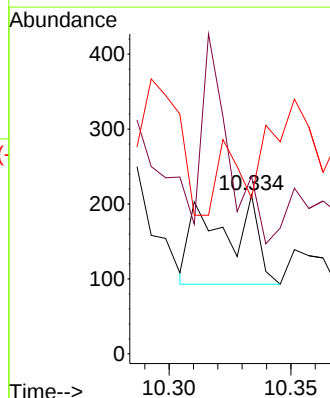
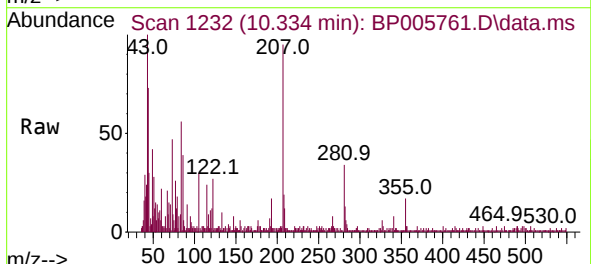
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

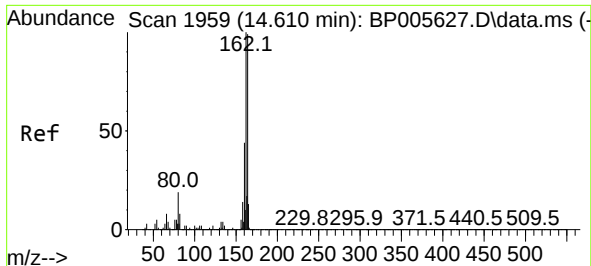
Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 52.9 40.7 61.1
65 335.3 47.8 71.6#



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.334 min Scan# 1232
Delta R.T. 0.223 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 111.8 105.1 145.1
77 98.1 69.6 109.6

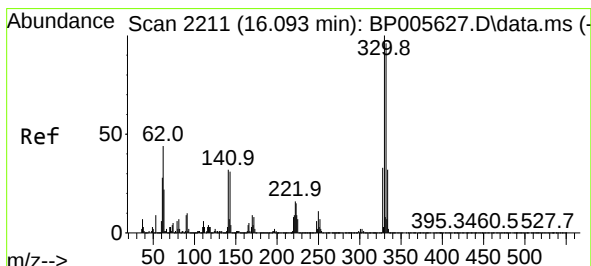
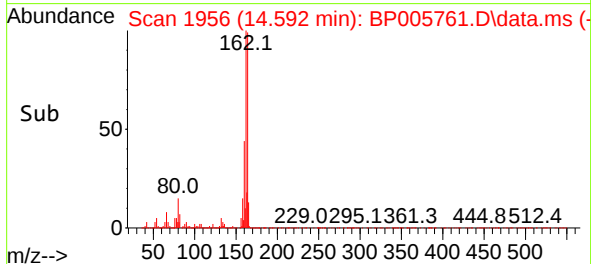
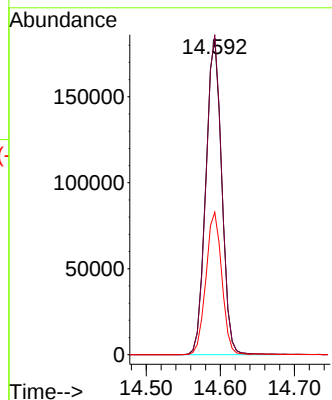
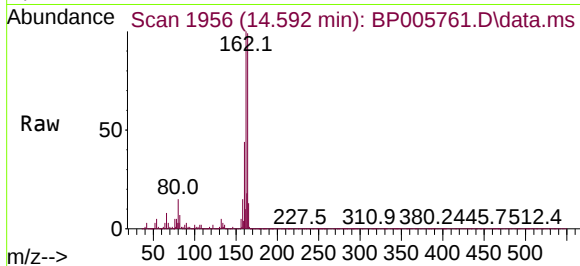




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

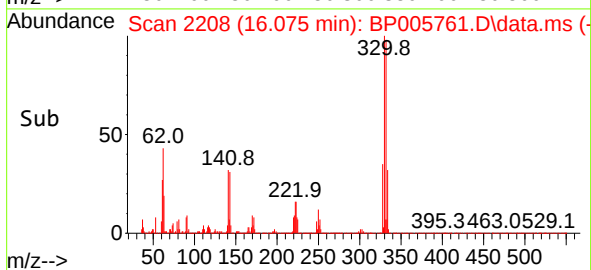
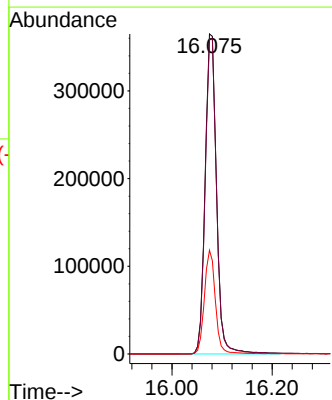
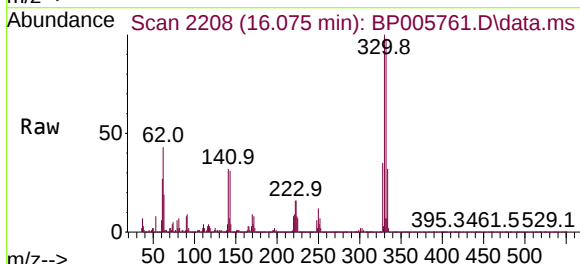
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

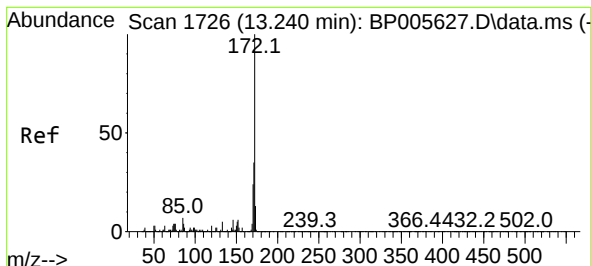
Tgt Ion:164 Resp: 274352
Ion Ratio Lower Upper
164 100
162 101.1 73.5 110.3
160 45.0 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 163.91 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:330 Resp: 576642
Ion Ratio Lower Upper
330 100
332 98.3 76.3 114.5
141 31.4 22.8 34.2

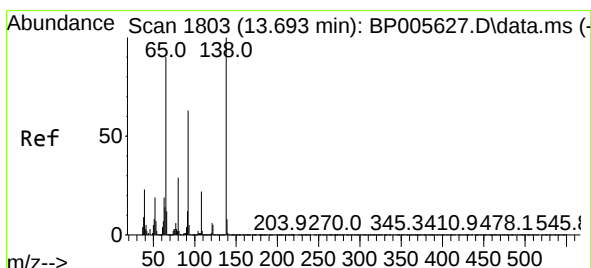
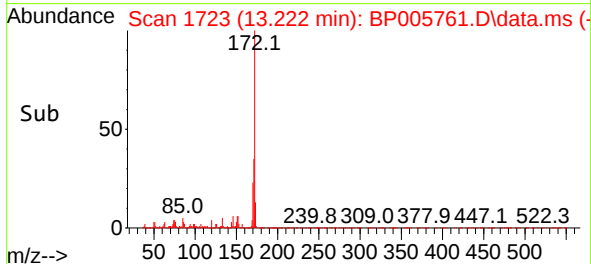
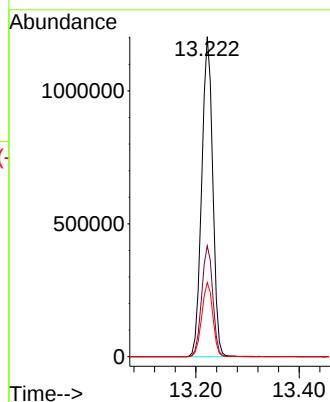
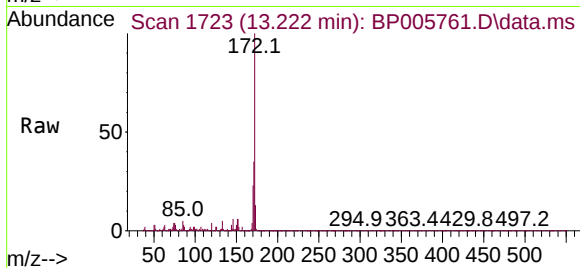




#45
2-Fluorobiphenyl
Concen: 85.91 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

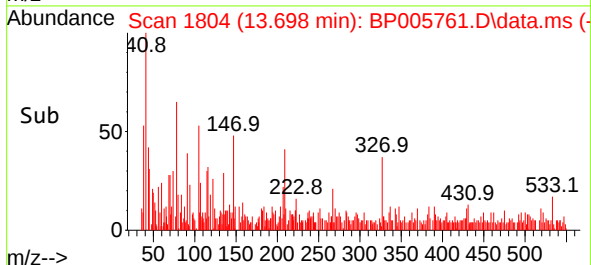
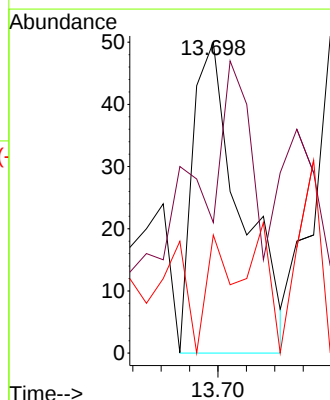
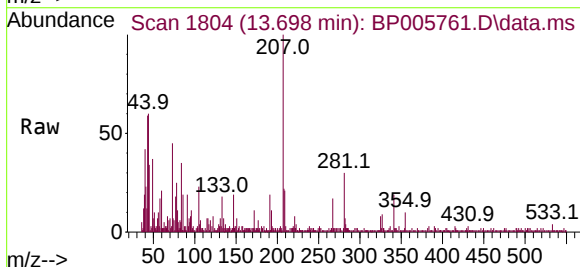
Instrument :
BNA_P
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FAM4-WC1

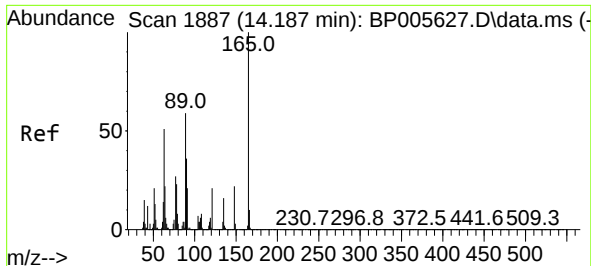
Tgt Ion:172 Resp: 1780911
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.2 19.6 29.4



#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 42.0 48.8 73.2#
138 38.0 69.5 104.3#

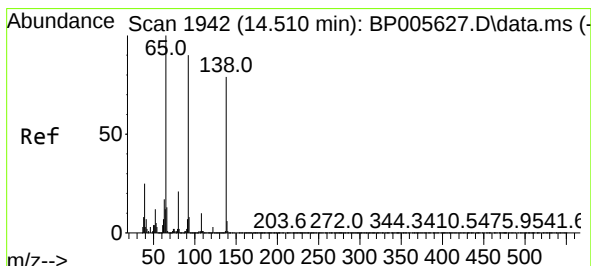
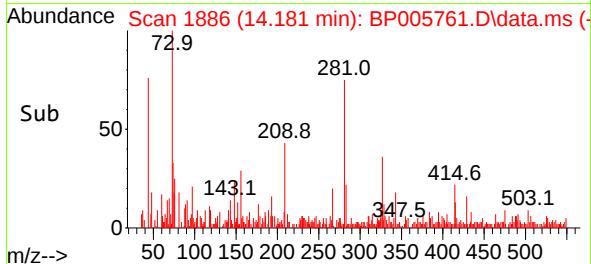
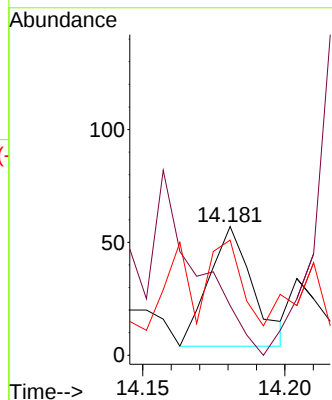
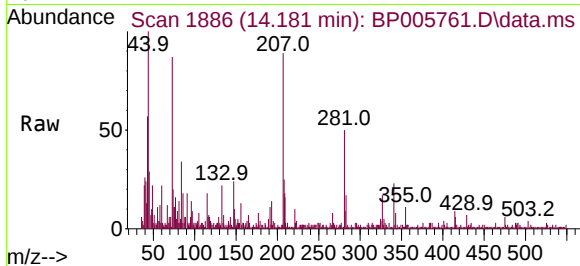




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.181 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

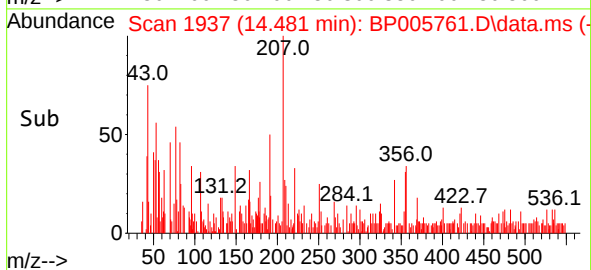
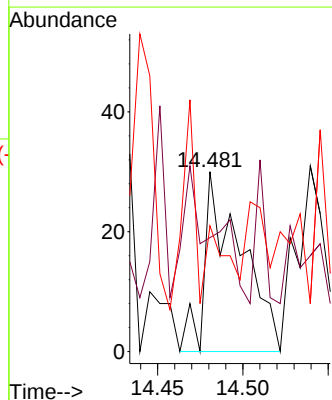
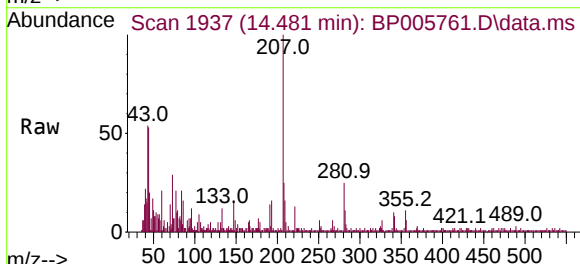
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

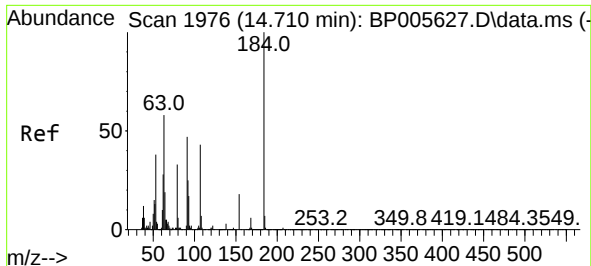
Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 38.6 67.4 101.0#
89 89.5 73.8 110.6



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.024 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 63.3 10.2 15.4#
92 70.0 108.1 162.1#

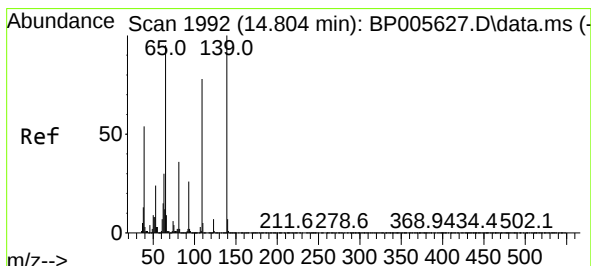
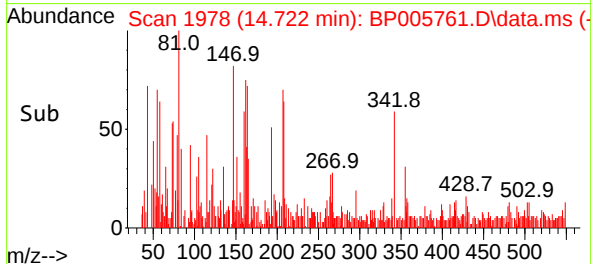
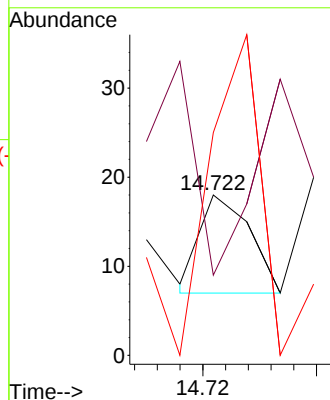
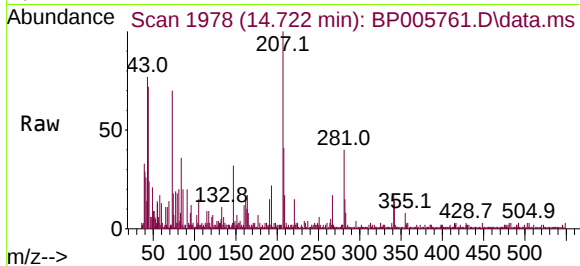




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

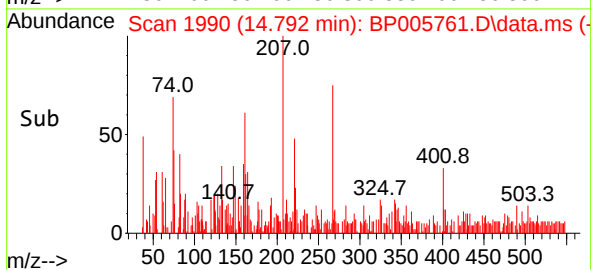
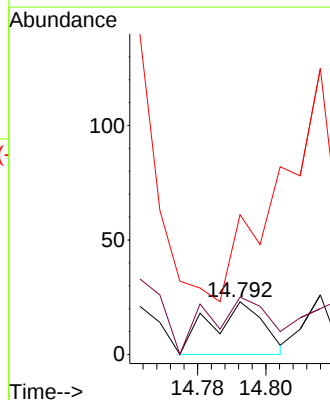
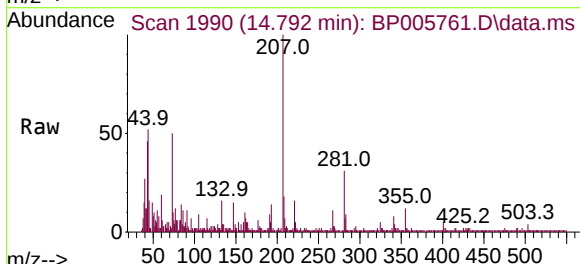
Instrument :
BNA_P
ClientSampled :
FAM4-WC1

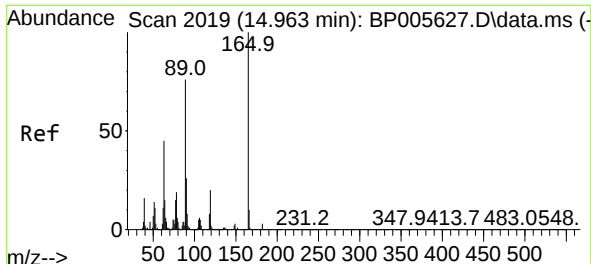
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 50.0 51.2 76.8#
154 138.9 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.024 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 152.2 122.8 162.8
65 265.2 110.0 150.0#

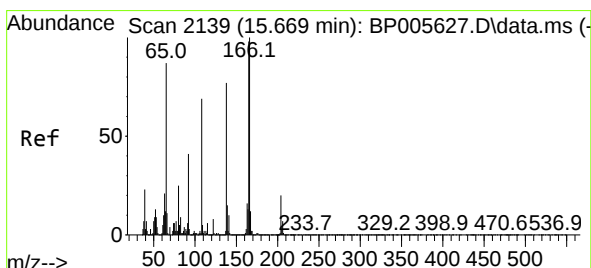
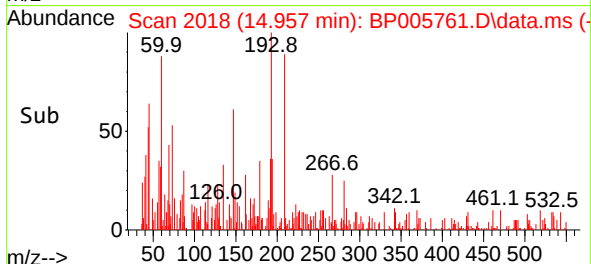
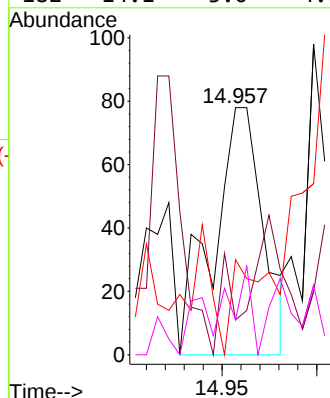
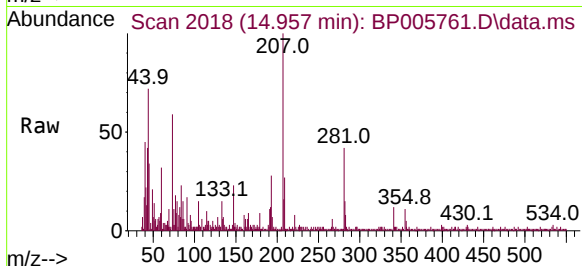




#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

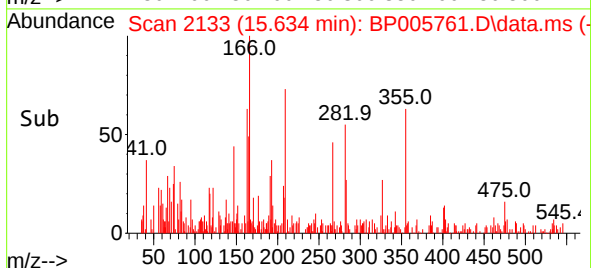
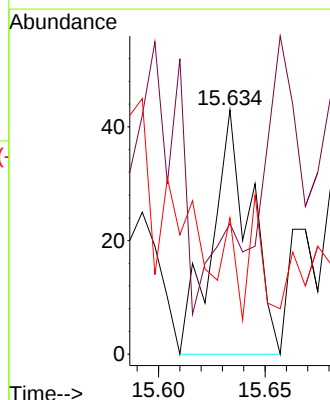
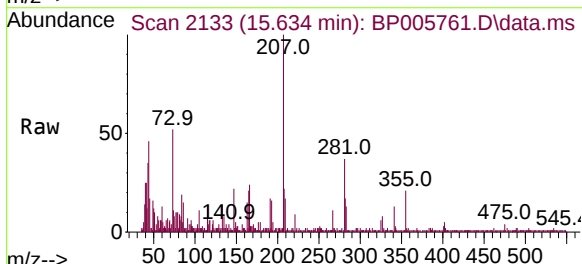
Instrument :
BNA_P
ClientSampled :
FAM4-WC1

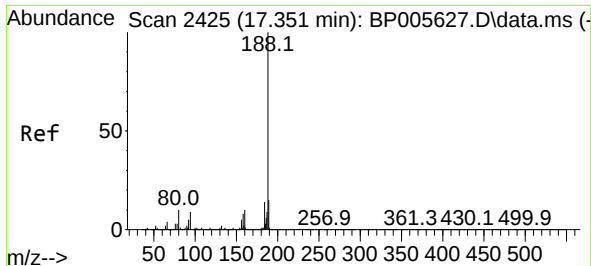
Tgt Ion:165 Resp: 143
Ion Ratio Lower Upper
165 100
63 14.1 56.7 85.1#
89 38.5 85.8 128.6#
182 14.1 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.029 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 53.5 50.9 90.9
108 55.8 154.7 194.7#

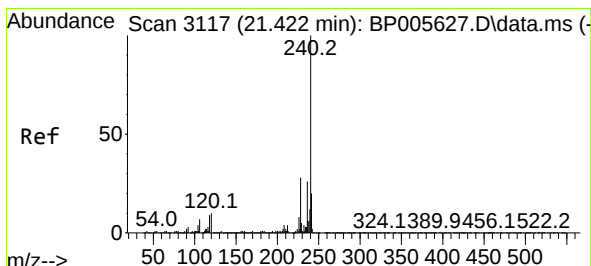
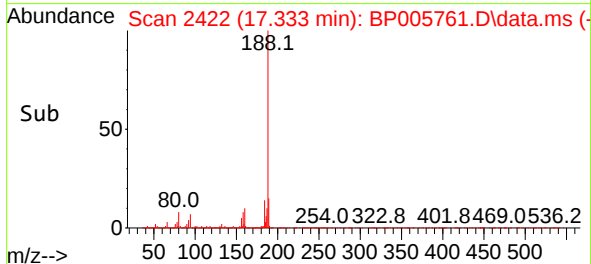
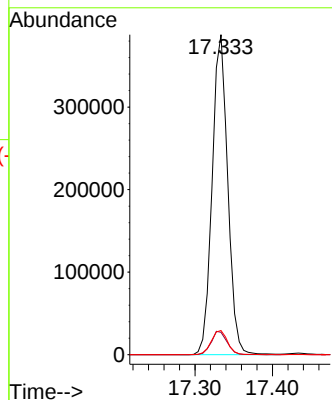
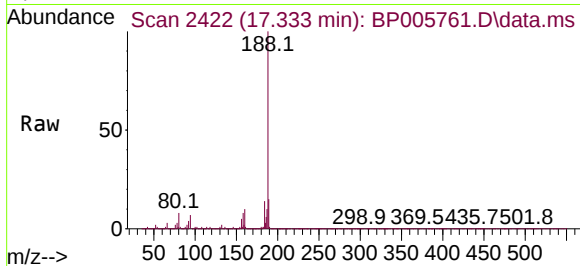




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

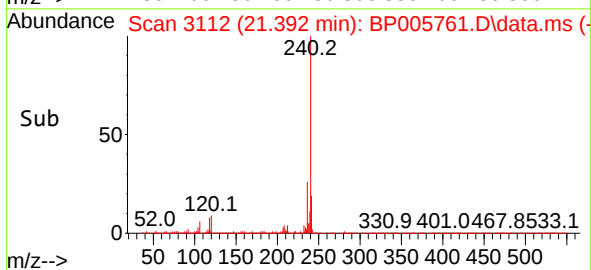
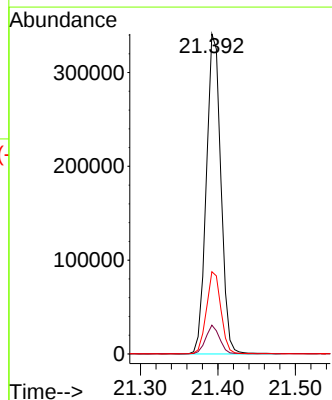
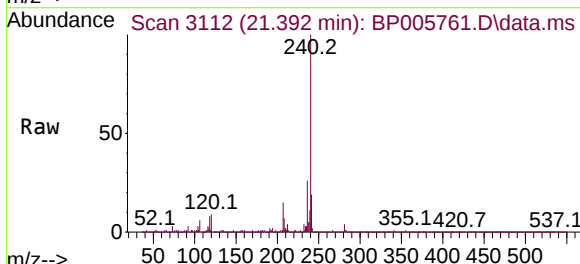
Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

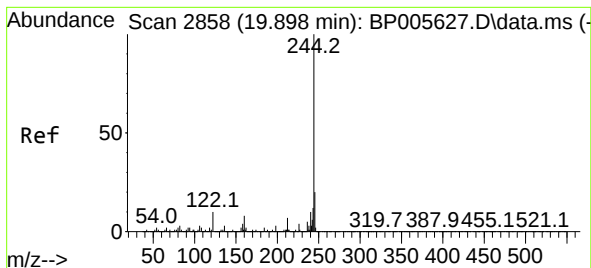
Tgt Ion:188 Resp: 542061
Ion Ratio Lower Upper
188 100
94 7.0 5.0 7.6
80 7.6 5.9 8.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Tgt Ion:240 Resp: 444993
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 99.01 ng

RT: 19.875 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BP005761.D

Acq: 08 Jun 2021 03:36

Instrument :

BNA_P

ClientSampleId :

FAM4-WC1

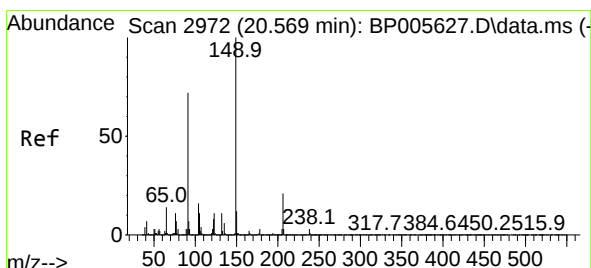
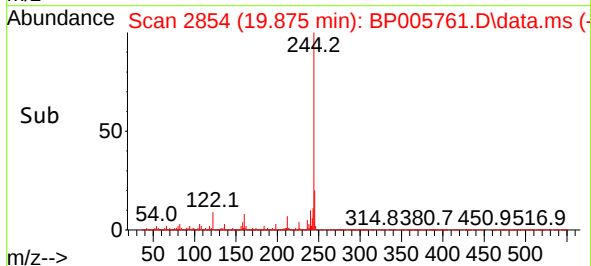
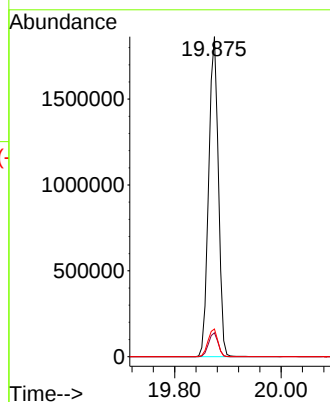
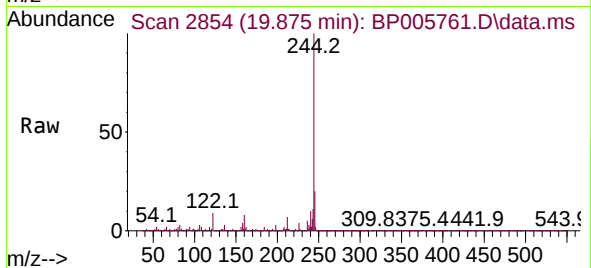
Tgt Ion:244 Resp: 2348064

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 8.7 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.20 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP005761.D

Acq: 08 Jun 2021 03:36

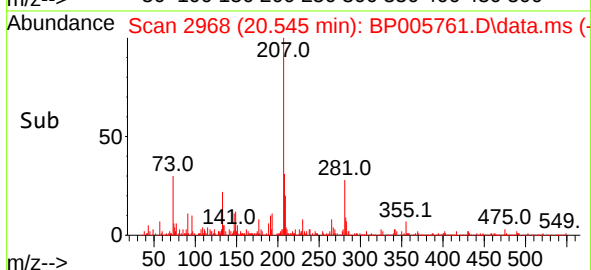
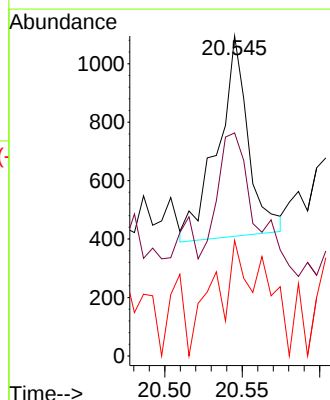
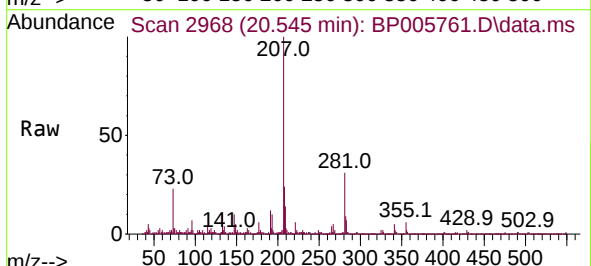
Tgt Ion:149 Resp: 940

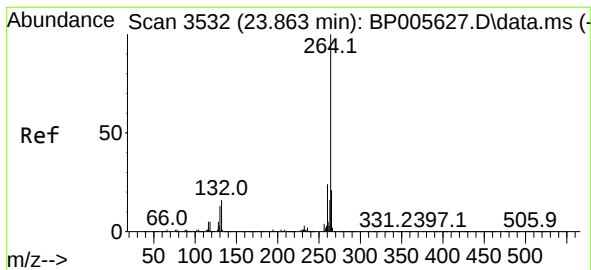
Ion Ratio Lower Upper

149 100

91 69.7 60.2 90.4

206 36.1 23.9 35.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.035 min
Lab File: BP005761.D
Acq: 08 Jun 2021 03:36

Instrument :
BNA_P
ClientSampleId :
FAM4-WC1

Tgt Ion:264 Resp: 467000

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.6	30.8
265	22.1	19.0	28.6

