

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005764.D
 Acq On : 08 Jun 2021 05:19
 Operator : CG/JU
 Sample : M2603-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC2

Quant Time: Jun 08 07:25:41 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)

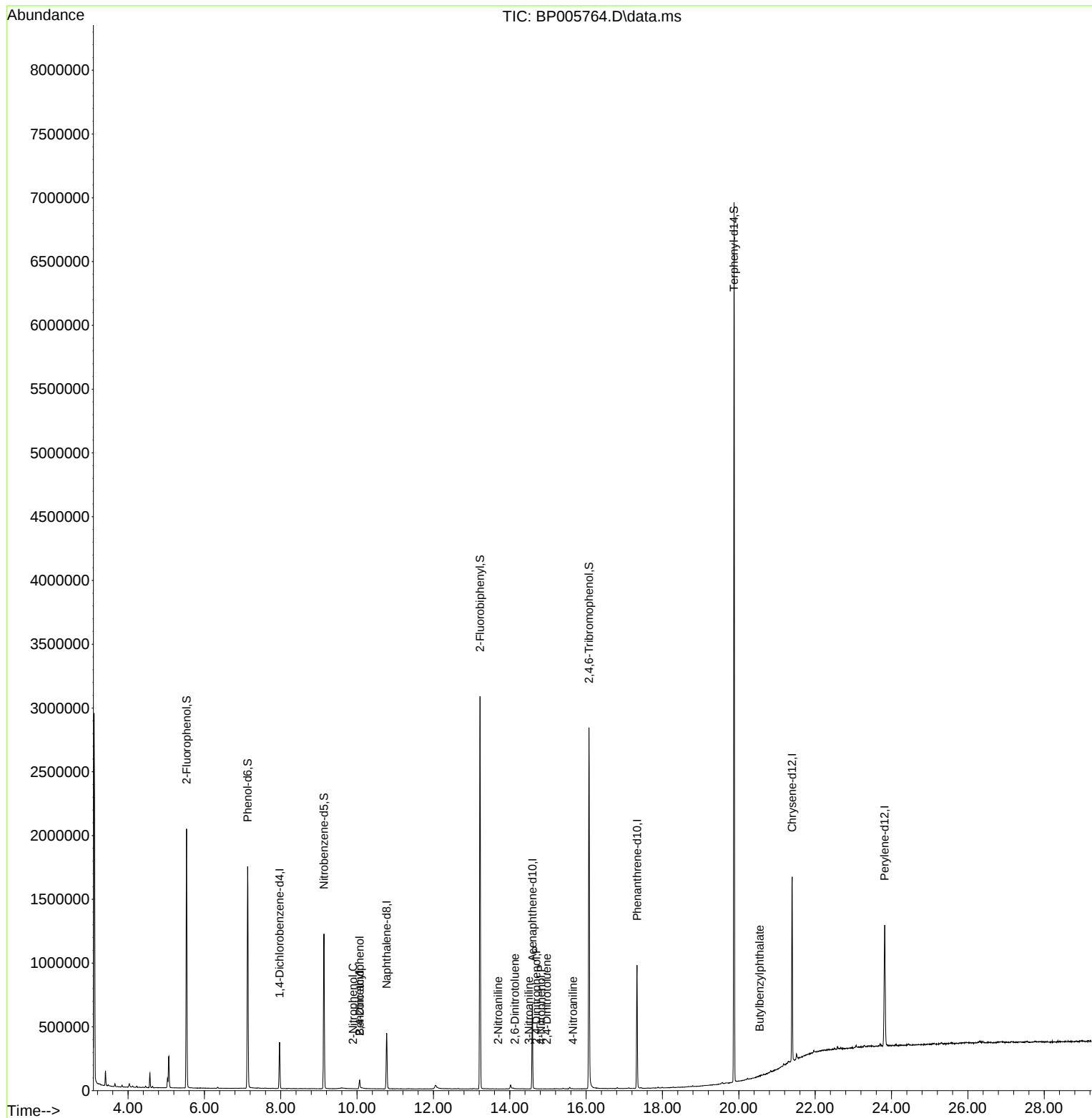
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	96759	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	364479	20.00	ng	-0.01
39) Acenaphthene-d10	14.593	164	234708	20.00	ng	-0.01
64) Phenanthrene-d10	17.334	188	562612	20.00	ng	-0.01
76) Chrysene-d12	21.398	240	734214	20.00	ng	#-0.02
86) Perylene-d12	23.821	264	778625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	856634	137.64	ng	0.00
7) Phenol-d6	7.134	99	961020	113.27	ng	0.00
23) Nitrobenzene-d5	9.134	82	683185	104.24	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	610046	202.70	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1549918	87.39	ng	-0.01
79) Terphenyl-d14	19.875	244	3090540	78.99	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	22	4.16	ng	# 1
27) 2,4-Dimethylphenol	10.069	122	28463	5.10	ng	# 4
32) Benzoic acid	10.069	122	28463	13.29	ng	90
48) 2-Nitroaniline	13.693	65	116	4.52	ng	# 59
51) 2,6-Dinitrotoluene	14.134	165	50	5.07	ng	84
53) 3-Nitroaniline	14.498	138	11	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.698	184	12	6.53	ng	# 6
56) 4-Nitrophenol	14.816	139	62	3.76	ng	# 50
57) 2,4-Dinitrotoluene	14.969	165	44	4.27	ng	# 40
62) 4-Nitroaniline	15.657	138	11	3.63	ng	# 21
80) Butylbenzylphthalate	20.545	149	866	4.17	ng	# 87

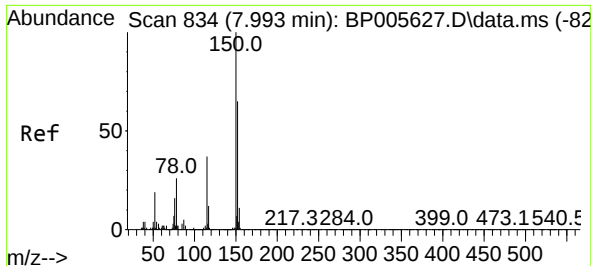
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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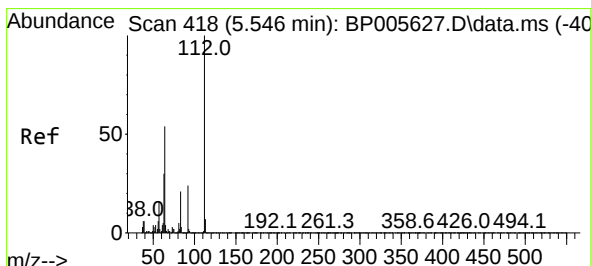
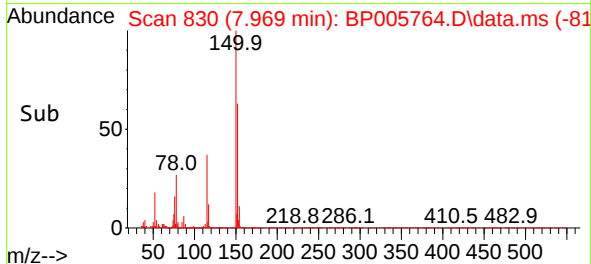
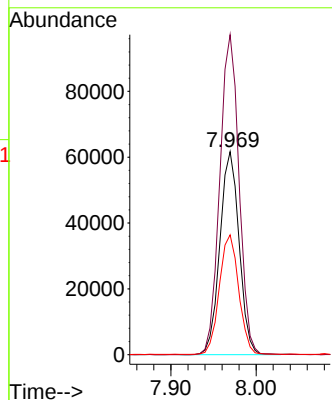
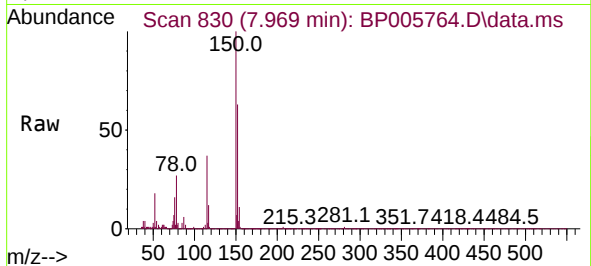




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

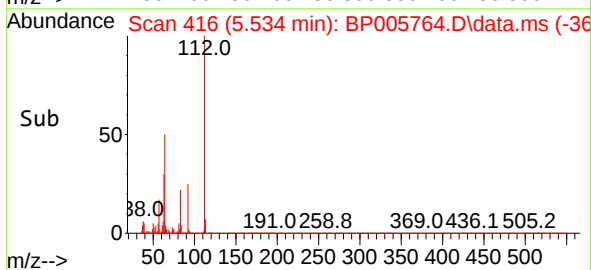
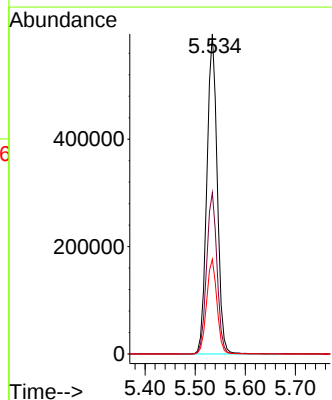
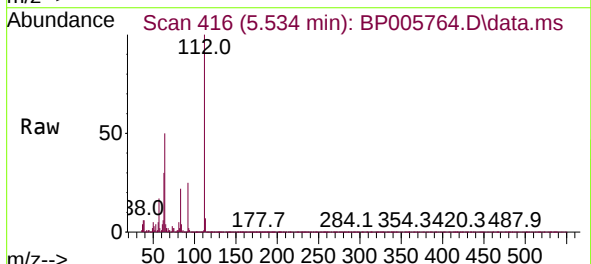
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

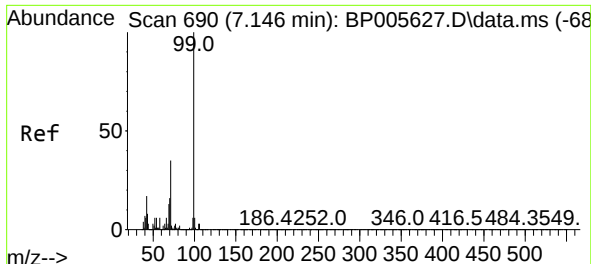
Tgt Ion:152 Resp: 96759
Ion Ratio Lower Upper
152 100
150 157.6 119.8 179.8
115 59.0 49.0 73.4



#5
2-Fluorophenol
Concen: 137.64 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:112 Resp: 856634
Ion Ratio Lower Upper
112 100
64 50.4 33.6 50.4#
63 29.6 18.6 27.8#

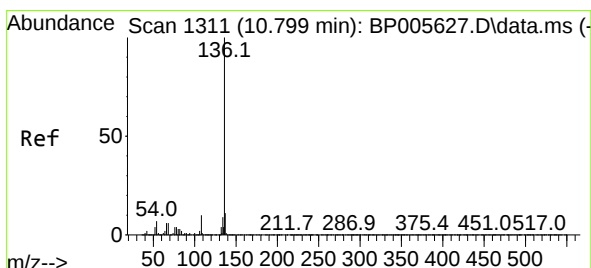
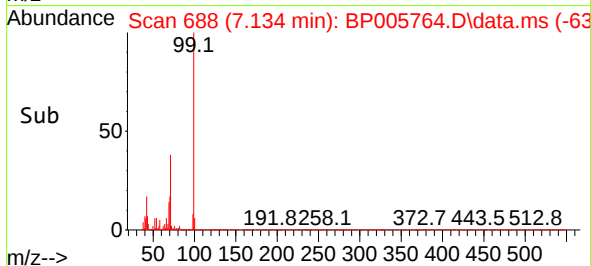
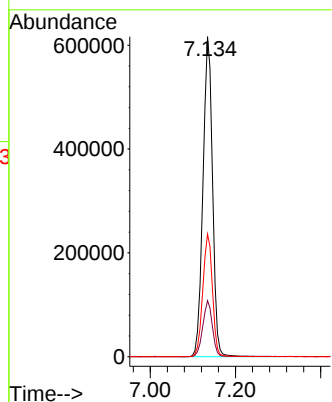
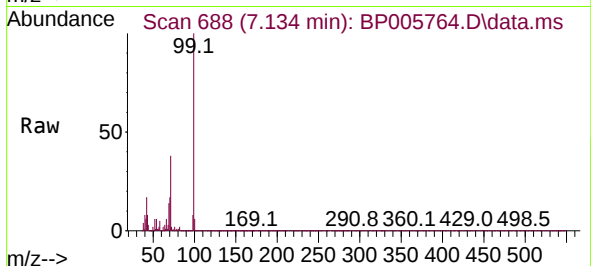




#7
Phenol-d6
Concen: 113.27 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

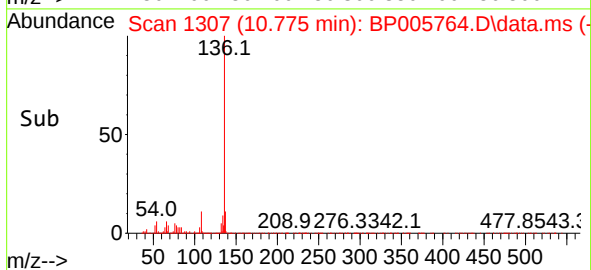
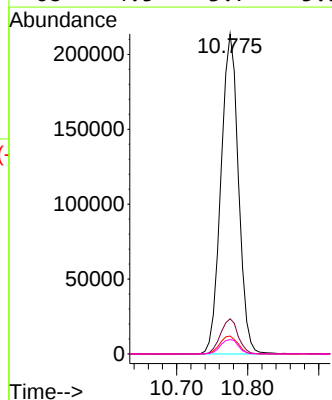
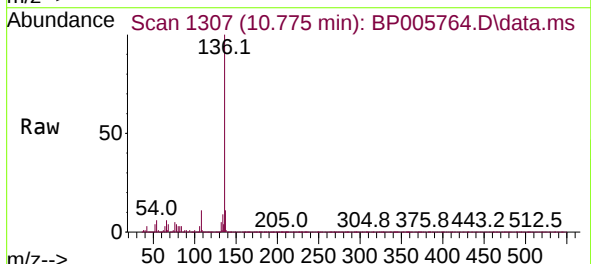
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

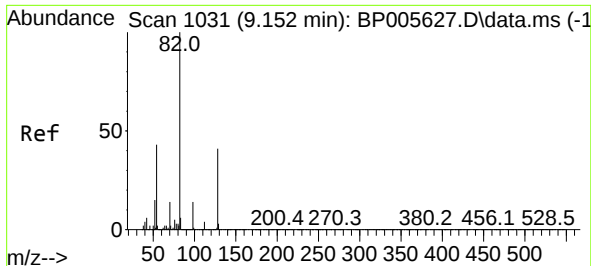
Tgt Ion:	99	Resp:	961020
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.9	19.3
71	38.3	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:	136	Resp:	364479
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.6	5.0	7.4
68	4.5	3.7	5.5

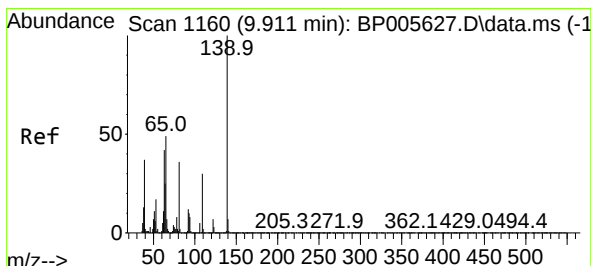
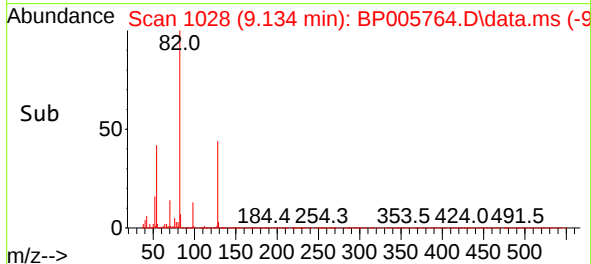
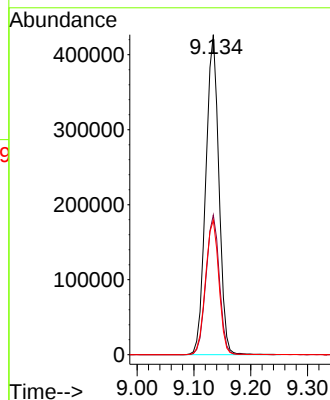
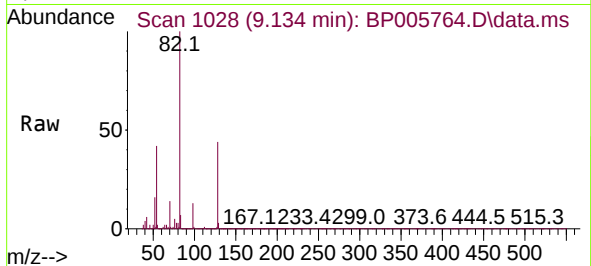




#23
Nitrobenzene-d5
Concen: 104.24 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

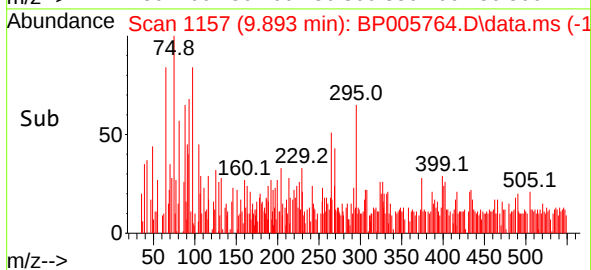
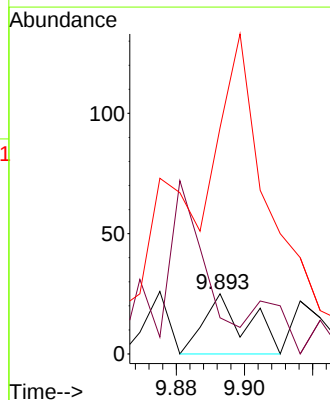
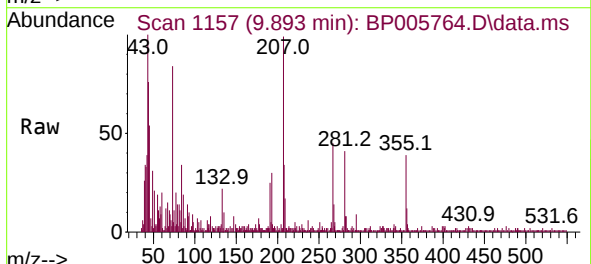
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

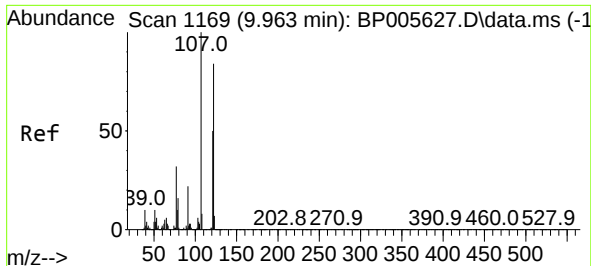
Tgt Ion: 82 Resp: 683185
Ion Ratio Lower Upper
82 100
128 43.7 30.5 45.7
54 42.0 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 60.0 40.7 61.1
65 376.0 47.8 71.6#

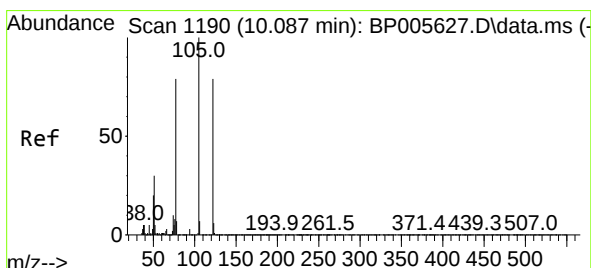
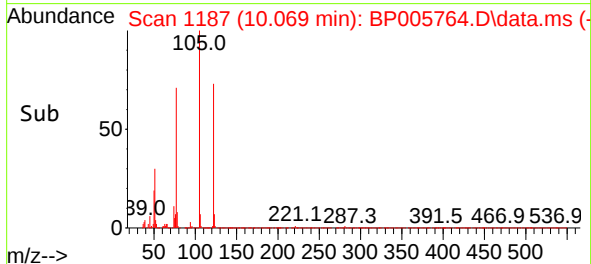
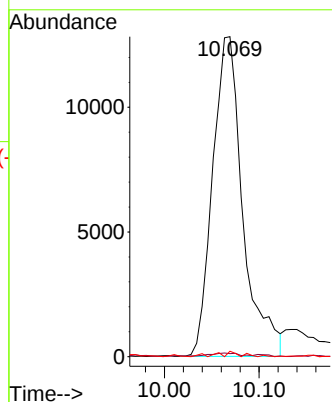
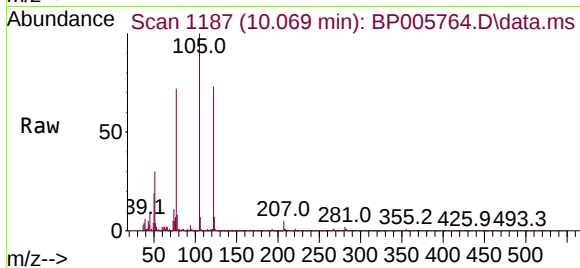




#27
2,4-Dimethylphenol
Concen: 5.10 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.112 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

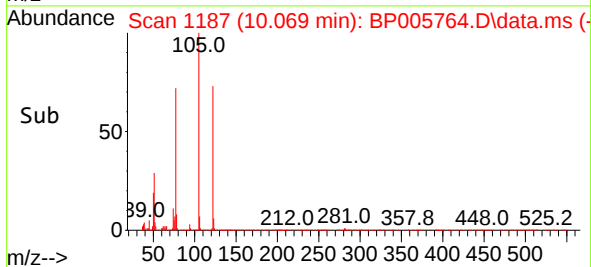
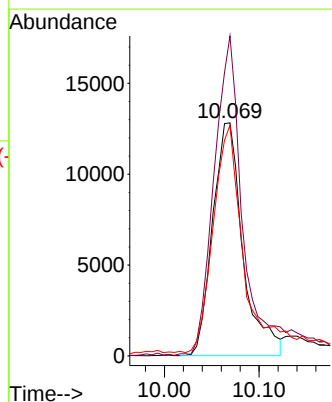
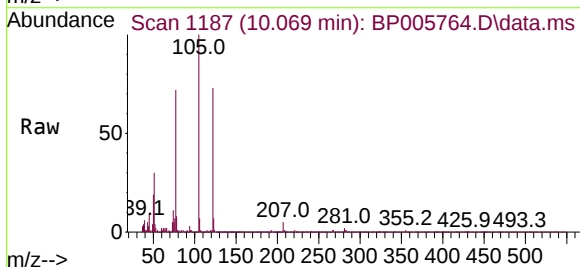
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

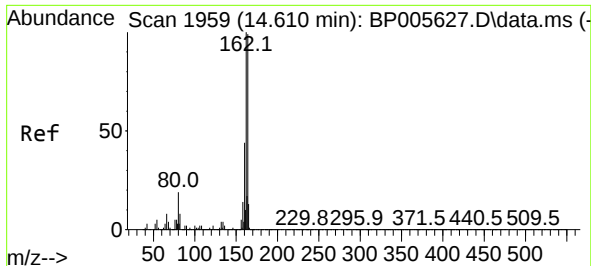
Tgt Ion:122 Resp: 28463
Ion Ratio Lower Upper
122 100
107 1.0 93.8 140.8#
121 1.7 45.6 68.4#



#32
Benzoic acid
Concen: 13.29 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.041 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:122 Resp: 28463
Ion Ratio Lower Upper
122 100
105 137.2 105.1 145.1
77 98.9 69.6 109.6

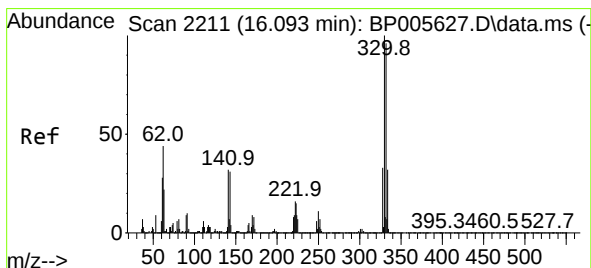
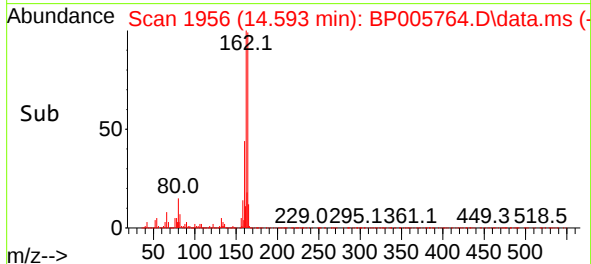
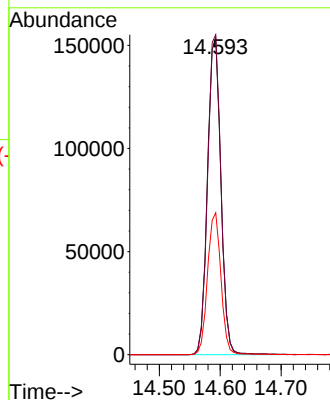
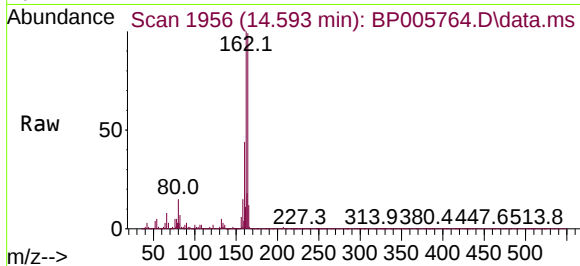




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

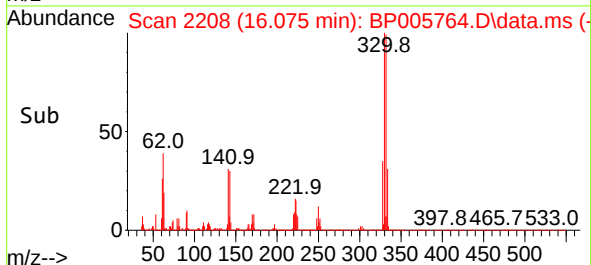
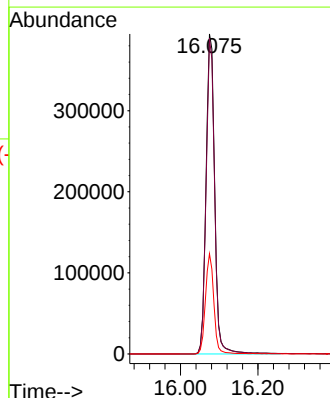
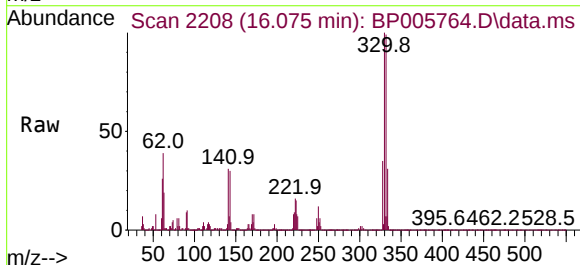
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

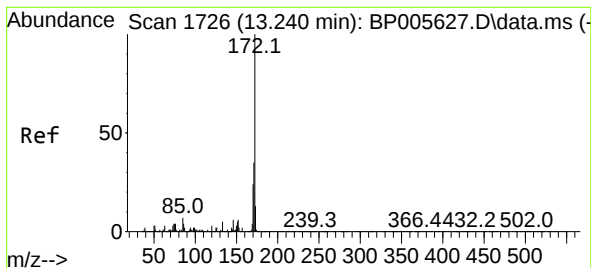
Tgt Ion:164 Resp: 234708
Ion Ratio Lower Upper
164 100
162 101.1 73.5 110.3
160 44.8 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 202.70 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:330 Resp: 610046
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 30.6 22.8 34.2

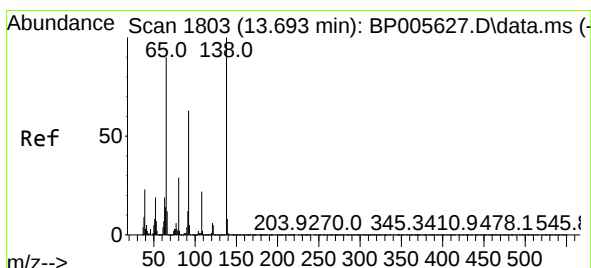
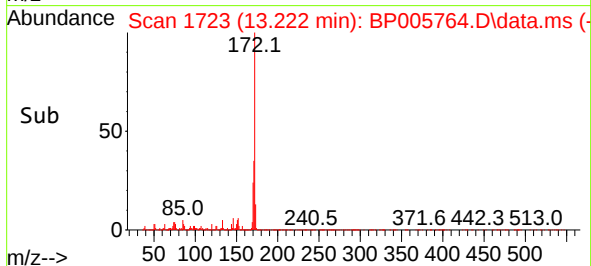
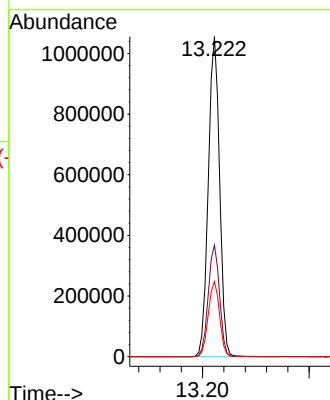
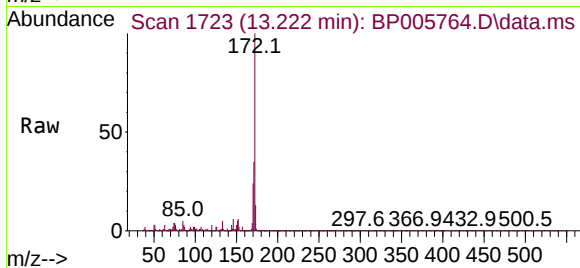




#45
2-Fluorobiphenyl
Concen: 87.39 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

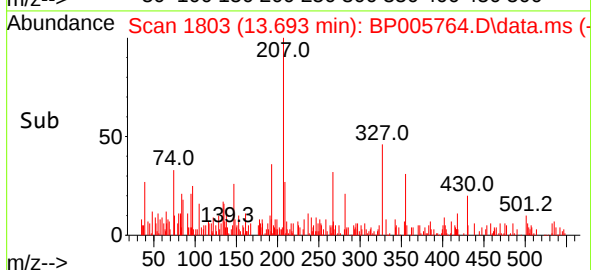
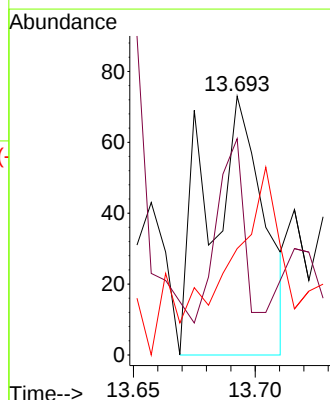
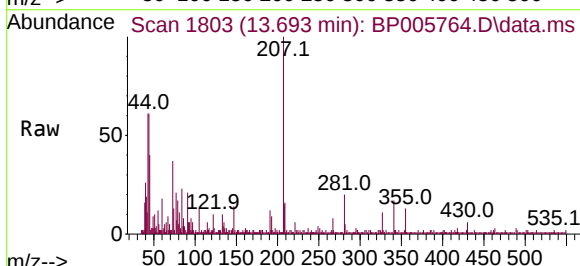
Instrument :
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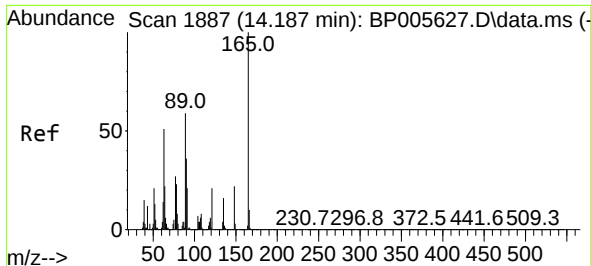
Tgt Ion:172 Resp: 1549918
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 19.6 29.4



#48
2-Nitroaniline
Concen: 4.52 ng
RT: 13.693 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion: 65 Resp: 116
Ion Ratio Lower Upper
65 100
92 83.6 48.8 73.2#
138 41.1 69.5 104.3#

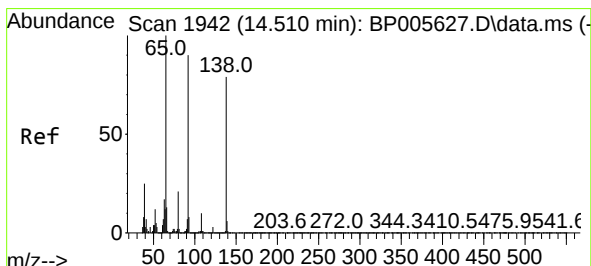
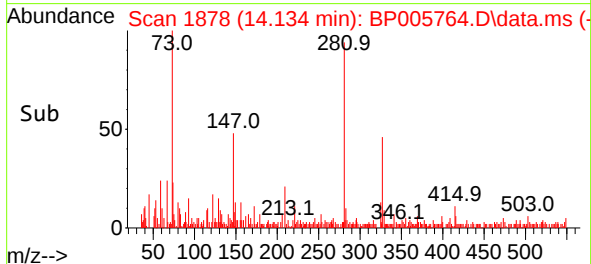
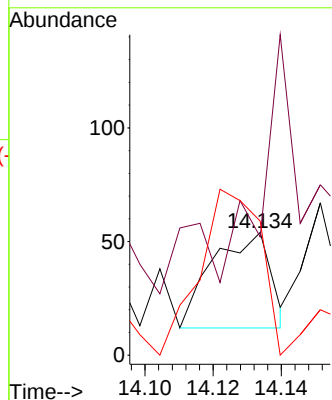
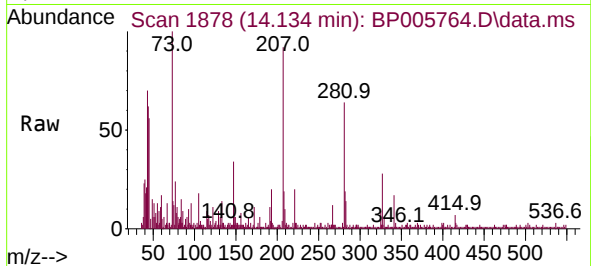




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.134 min Scan# 1878
Delta R.T. -0.047 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

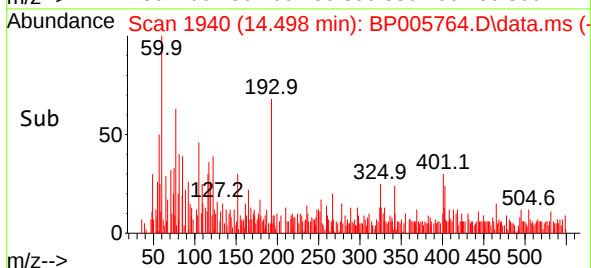
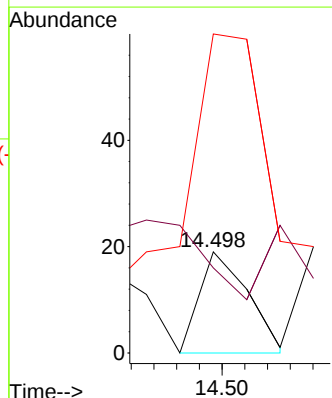
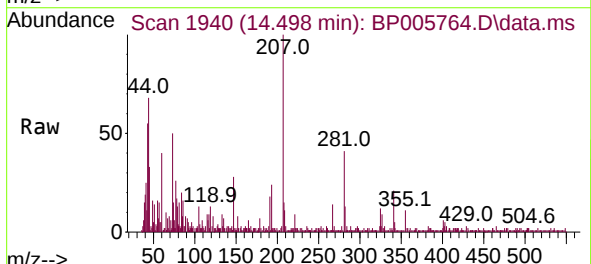
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

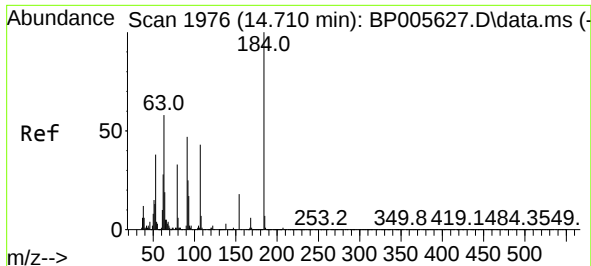
Tgt Ion:	165	Resp:	50
Ion Ratio	Lower	Upper	
165	100		
63	96.3	67.4	101.0
89	109.3	73.8	110.6



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:	138	Resp:	11
Ion Ratio	Lower	Upper	
138	100		
108	84.2	10.2	15.4#
92	315.8	108.1	162.1#

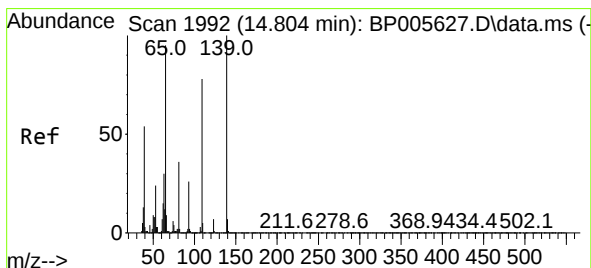
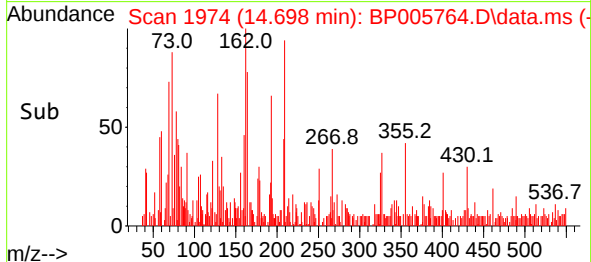
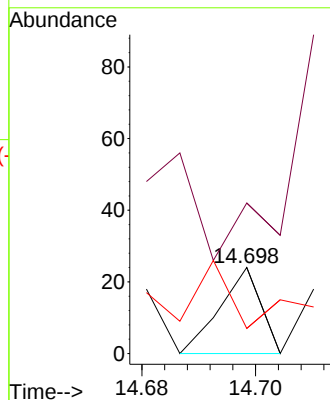
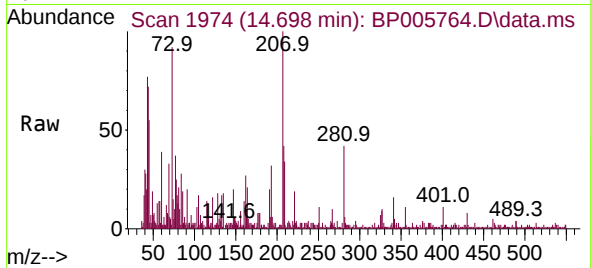




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.023 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

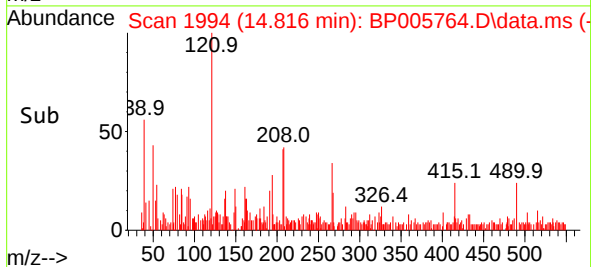
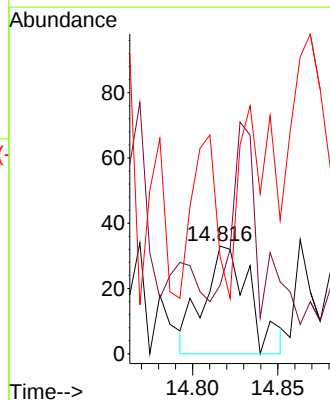
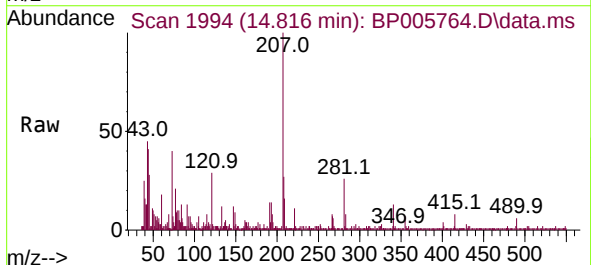
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

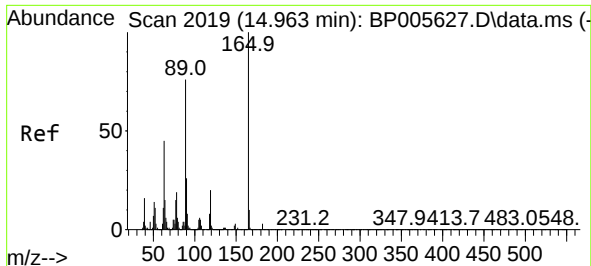
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 175.0 51.2 76.8#
154 29.2 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 63.6 122.8 162.8#
65 90.9 110.0 150.0#

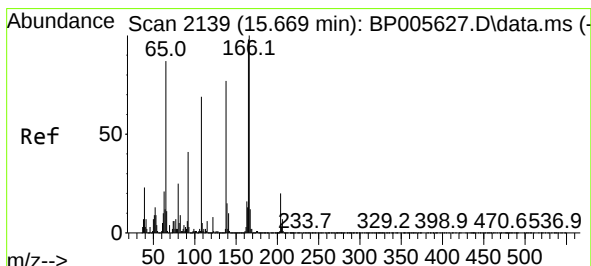
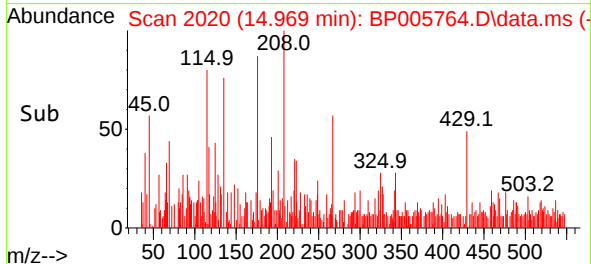
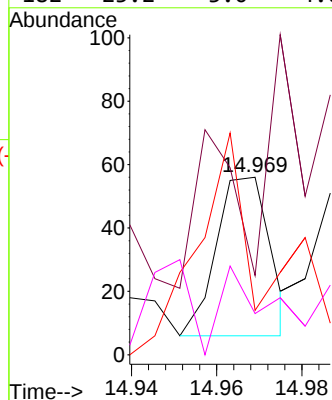
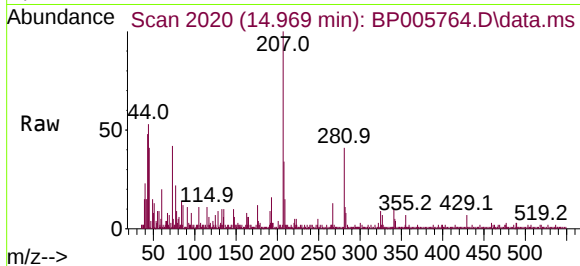




#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

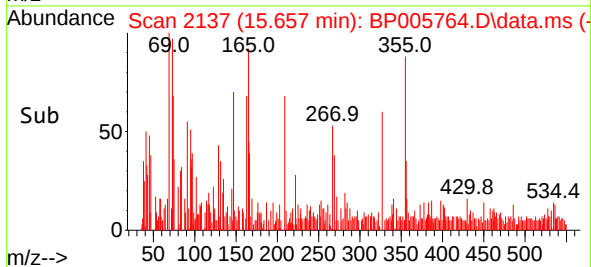
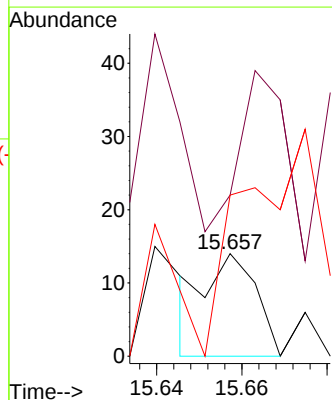
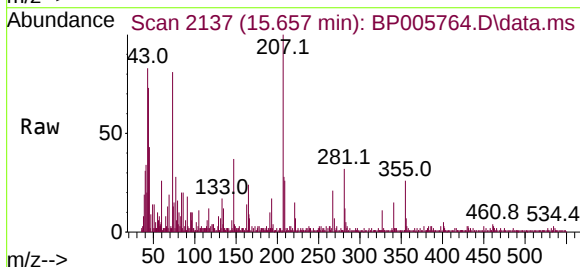
Instrument :
BNA_P
ClientSampled :
FAM4-WC2

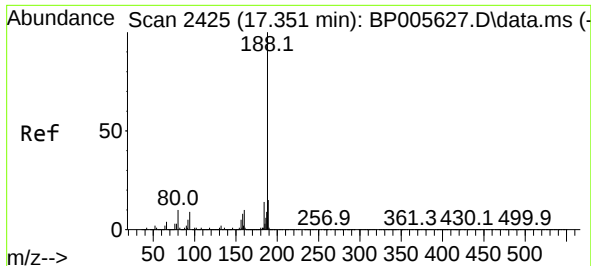
Tgt Ion:	165	Resp:	44
Ion	Ratio	Lower	Upper
165	100		
63	44.6	56.7	85.1#
89	25.0	85.8	128.6#
182	23.2	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:	138	Resp:	11
Ion	Ratio	Lower	Upper
138	100		
92	271.4	50.9	90.9#
108	157.1	154.7	194.7

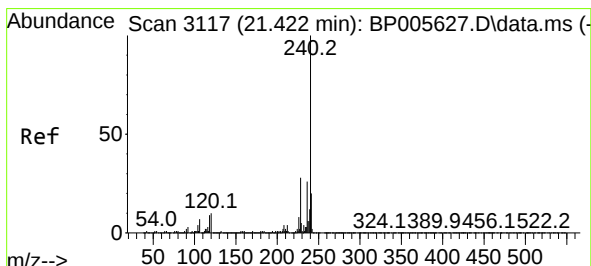
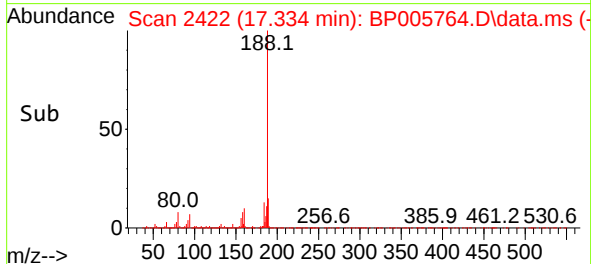
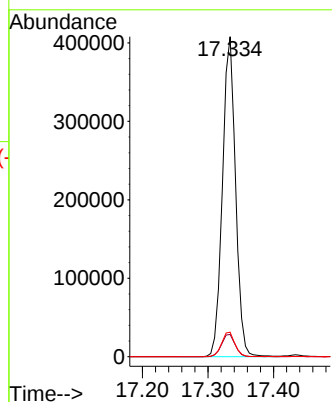
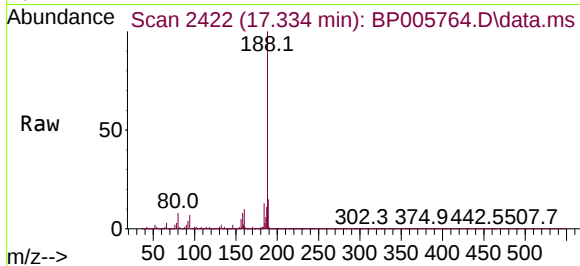




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

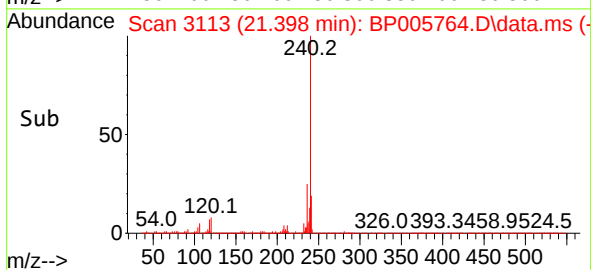
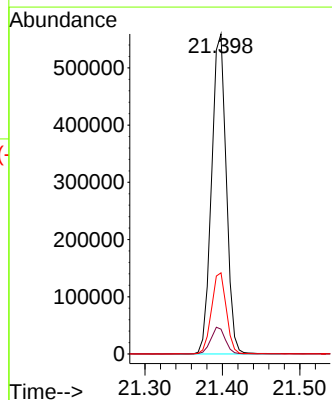
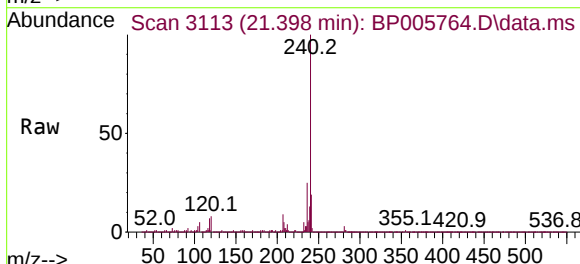
Instrument :
BNA_P
ClientSampleId :
FAM4-WC2

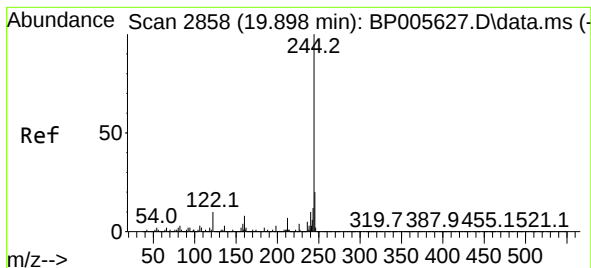
Tgt Ion:188	Resp: 562612
Ion Ratio	Lower Upper
188 100	
94 7.0	5.0 7.6
80 7.6	5.9 8.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005764.D
Acq: 08 Jun 2021 05:19

Tgt Ion:240	Resp: 734214
Ion Ratio	Lower Upper
240 100	
120 7.7	4.2 6.2#
236 25.4	20.2 30.2





#79

Terphenyl-d14

Concen: 78.99 ng

RT: 19.875 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BP005764.D

Acq: 08 Jun 2021 05:19

Instrument :

BNA_P

ClientSampleId :

FAM4-WC2

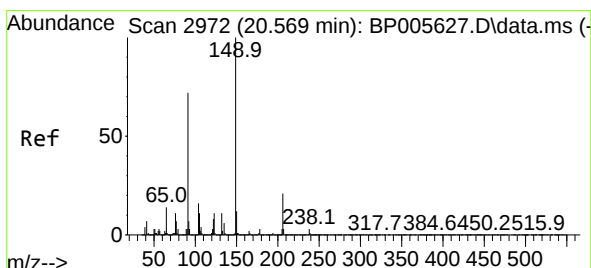
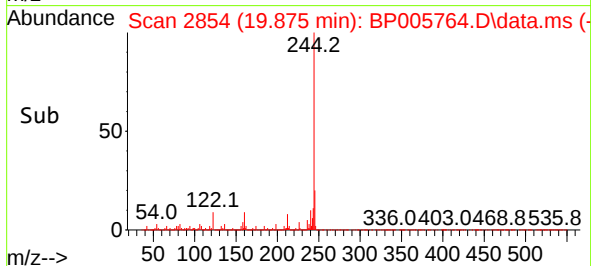
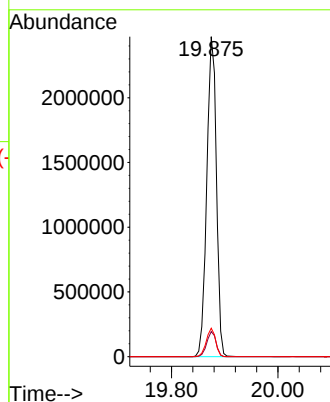
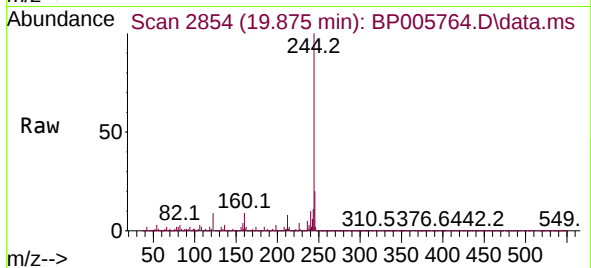
Tgt Ion:244 Resp: 3090540

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 8.9 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.17 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP005764.D

Acq: 08 Jun 2021 05:19

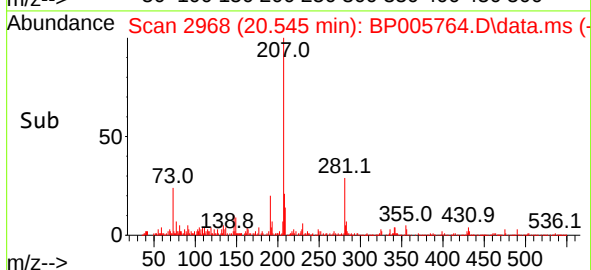
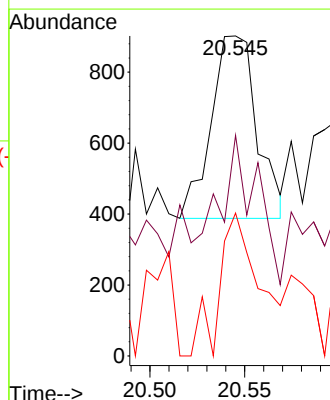
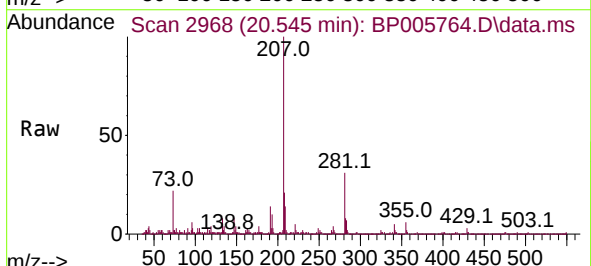
Tgt Ion:149 Resp: 866

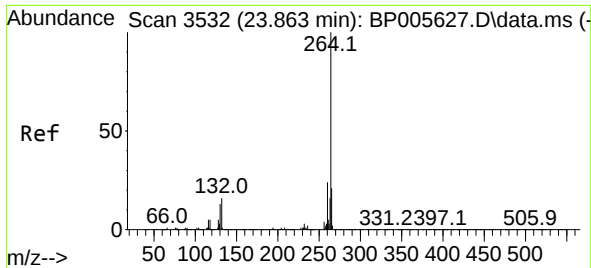
Ion Ratio Lower Upper

149 100

91 69.0 60.2 90.4

206 44.7 23.9 35.9#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.029 min
 Lab File: BP005764.D
 Acq: 08 Jun 2021 05:19

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC2

Tgt Ion:264 Resp: 778625

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.6	30.8
265	21.6	19.0	28.6

