

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005769.D
 Acq On : 08 Jun 2021 08:09
 Operator : CG/JU
 Sample : M2603-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC6

Quant Time: Jun 08 08:59:22 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)

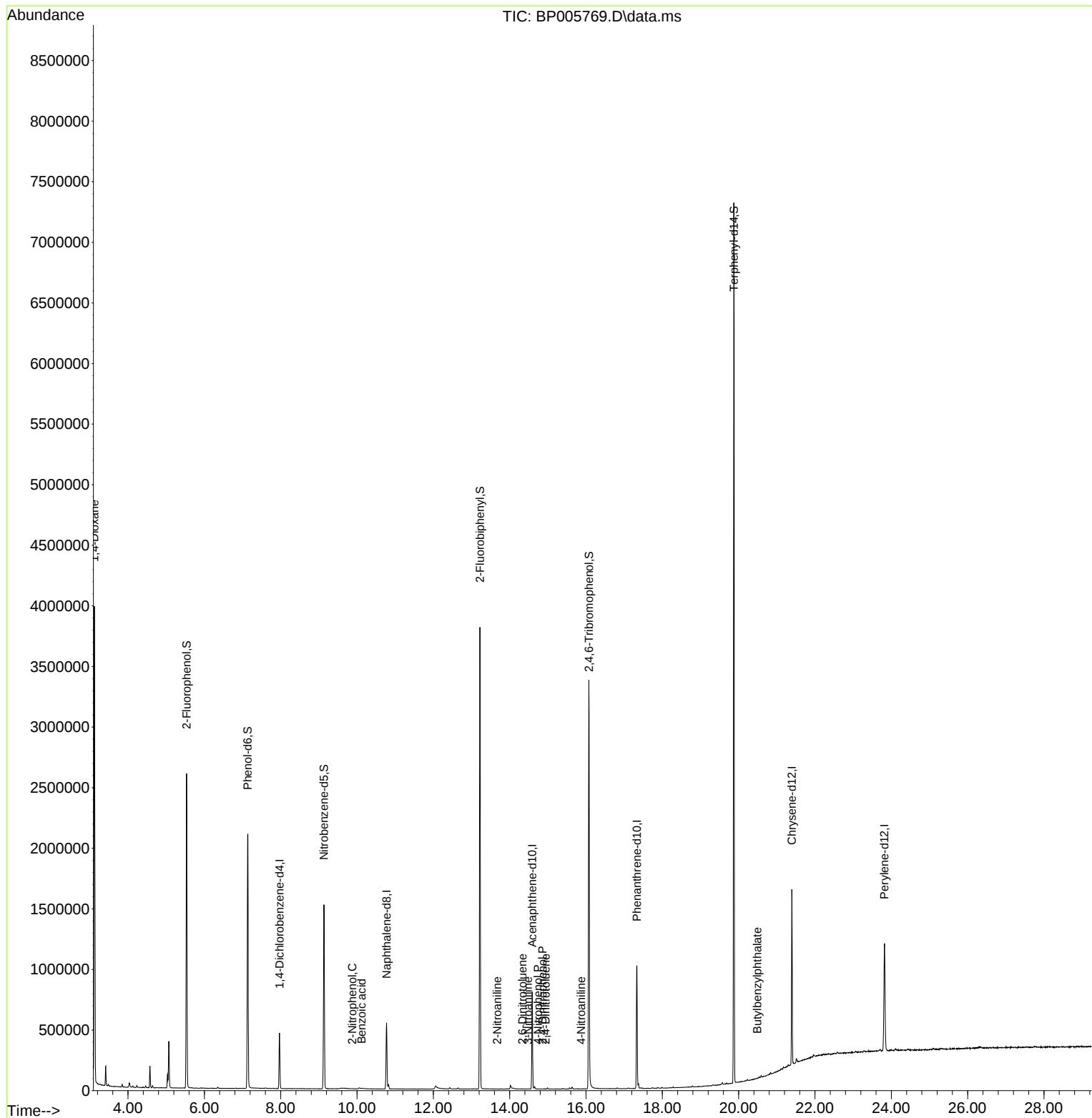
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	120311	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	450563	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	285111	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	629965	20.00	ng	-0.01
76) Chrysene-d12	21.392	240	716413	20.00	ng	#-0.02
86) Perylene-d12	23.821	264	707658	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1089859	140.84	ng	0.00
7) Phenol-d6	7.134	99	1202205	113.96	ng	0.00
23) Nitrobenzene-d5	9.134	82	864763	106.74	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	713303	195.11	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	1925384	89.37	ng	-0.01
79) Terphenyl-d14	19.874	244	3395570	88.94	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	24958	7.05	ng	# 1
26) 2-Nitrophenol	9.875	139	18	4.16	ng	# 20
32) Benzoic acid	10.122	122	633	5.16	ng	# 82
48) 2-Nitroaniline	13.675	65	62	4.50	ng	# 30
51) 2,6-Dinitrotoluene	14.333	165	48	5.07	ng	86
53) 3-Nitroaniline	14.480	138	13	3.66	ng	# 84
54) 2,4-Dinitrophenol	14.863	184	10	6.53	ng	84
56) 4-Nitrophenol	14.739	139	94	3.77	ng	# 39
57) 2,4-Dinitrotoluene	14.939	165	53	4.27	ng	# 44
62) 4-Nitroaniline	15.869	138	23	3.63	ng	90
80) Butylbenzylphthalate	20.486	149	96	4.13	ng	86

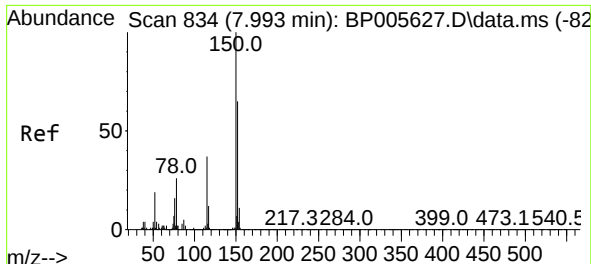
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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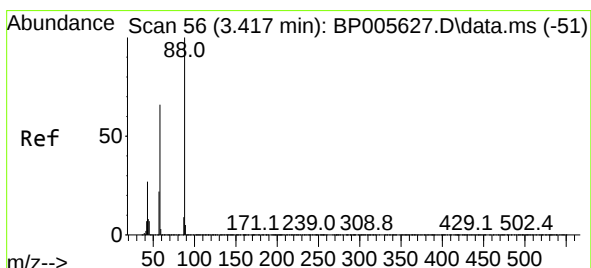
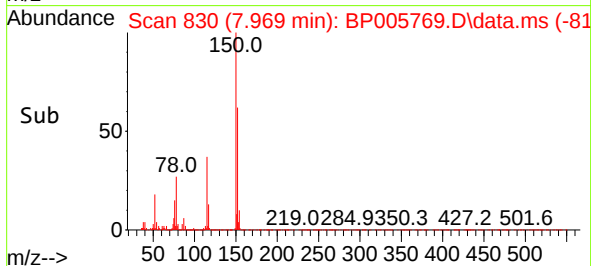
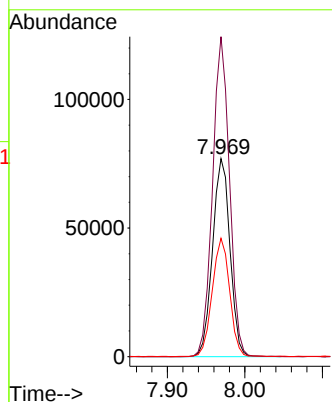
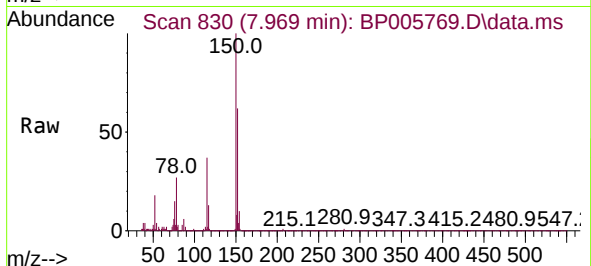




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

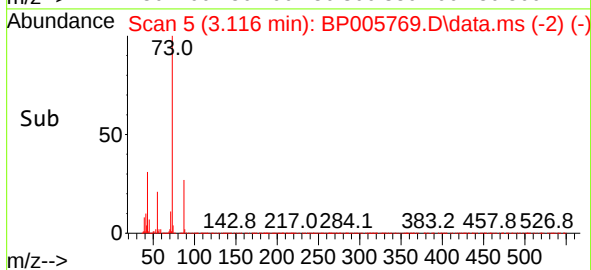
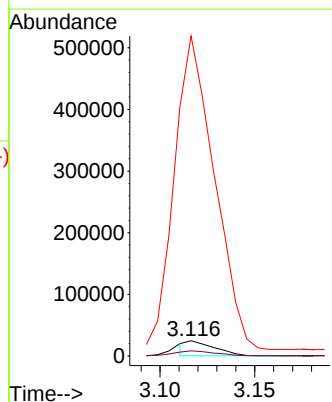
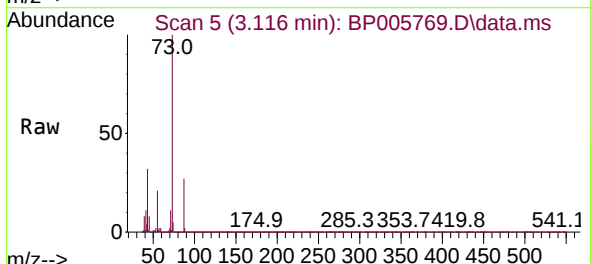
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

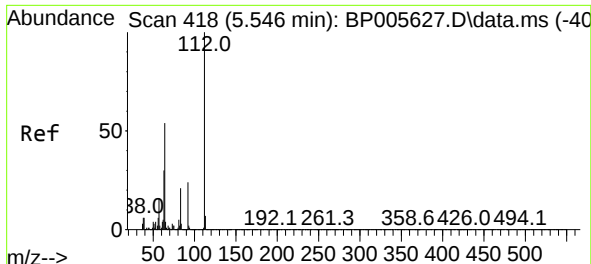
Tgt Ion:152 Resp: 120311
Ion Ratio Lower Upper
152 100
150 161.6 119.8 179.8
115 59.8 49.0 73.4



#2
1,4-Dioxane
Concen: 7.05 ng
RT: 3.116 min Scan# 5
Delta R.T. -0.283 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion: 88 Resp: 24958
Ion Ratio Lower Upper
88 100
58 34.0 42.5 63.7#
43 2191.3 19.8 29.8#

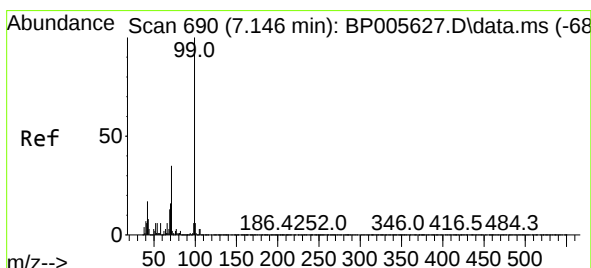
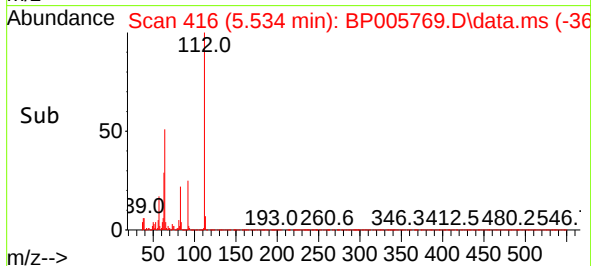
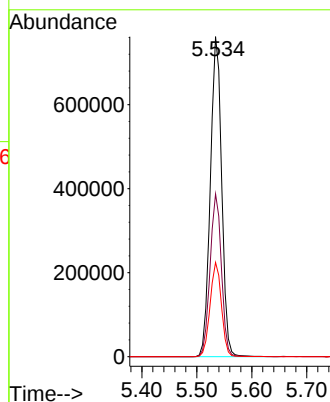
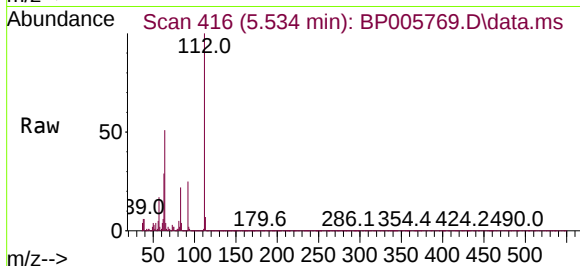




#5
2-Fluorophenol
Concen: 140.84 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

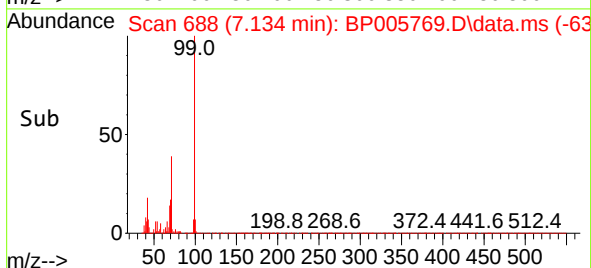
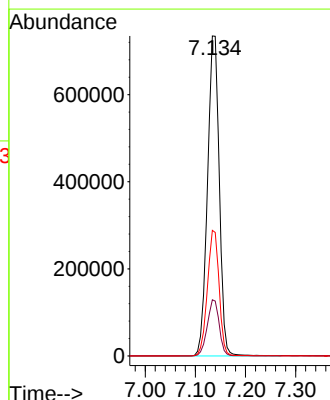
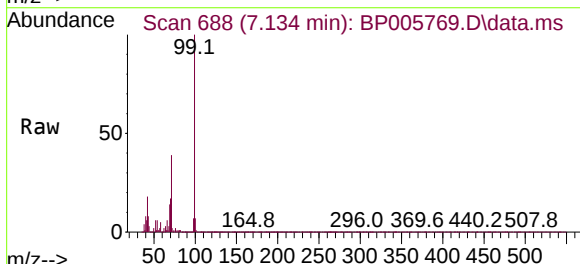
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

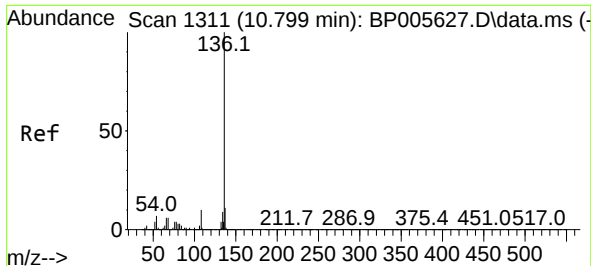
Tgt Ion:112 Resp: 1089859
Ion Ratio Lower Upper
112 100
64 50.9 33.6 50.4#
63 29.4 18.6 27.8#



#7
Phenol-d6
Concen: 113.96 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion: 99 Resp: 1202205
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 39.3 26.7 40.1

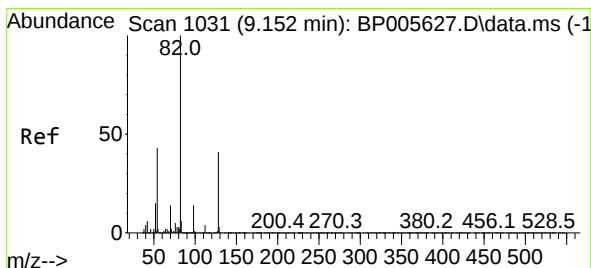
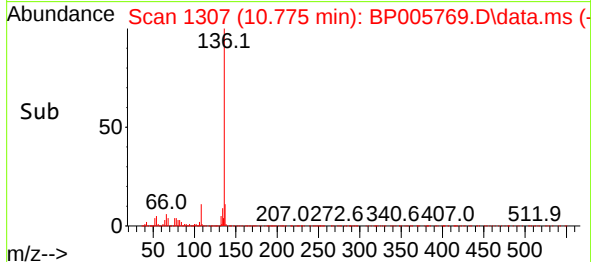
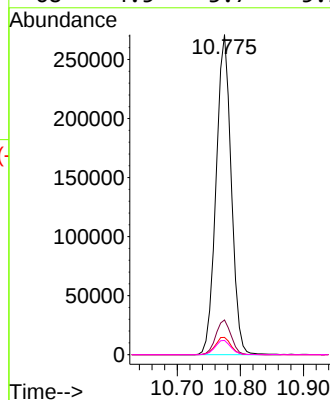
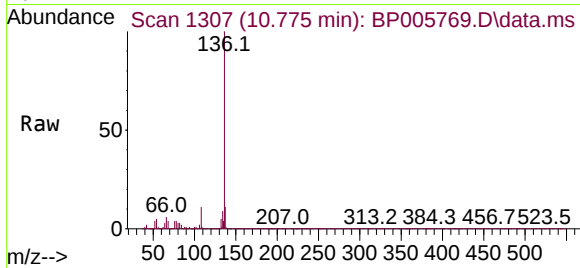




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

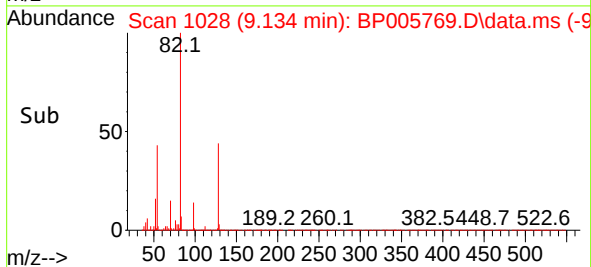
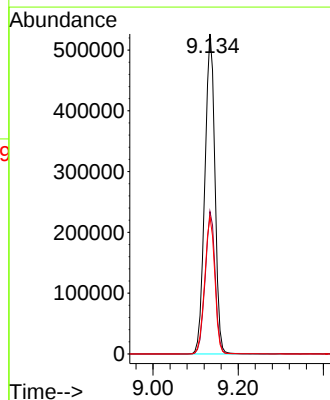
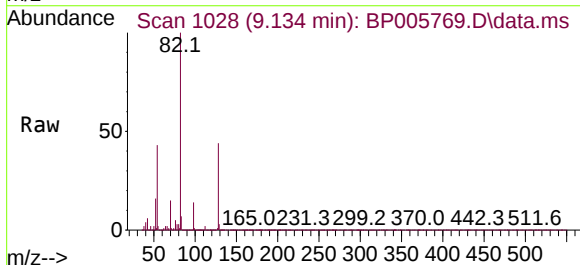
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

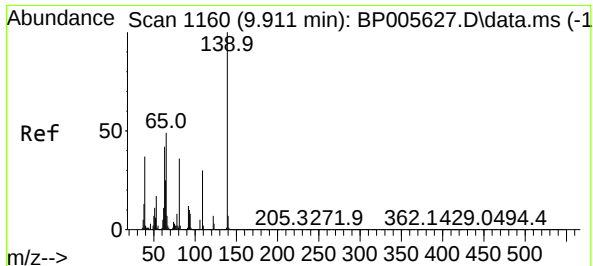
Tgt Ion:	136	Resp:	450563
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.4	5.0	7.4
68	4.5	3.7	5.5



#23
Nitrobenzene-d5
Concen: 106.74 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:	82	Resp:	864763
Ion	Ratio	Lower	Upper
82	100		
128	44.5	30.5	45.7
54	42.8	33.9	50.9

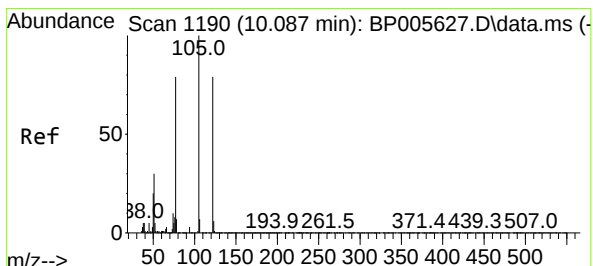
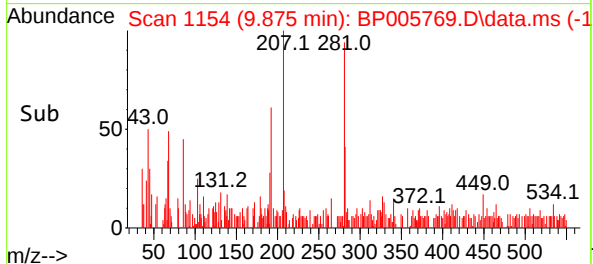
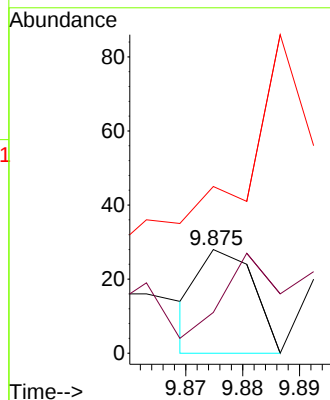
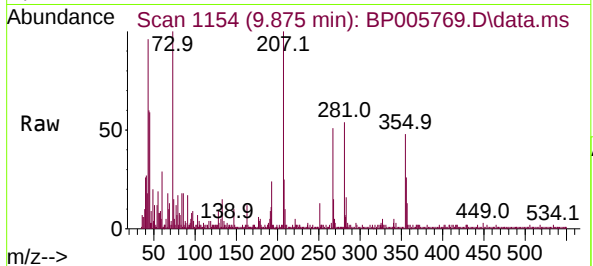




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.024 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

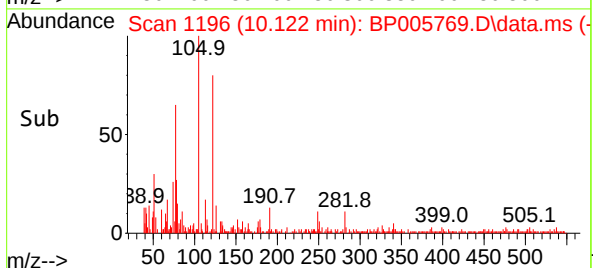
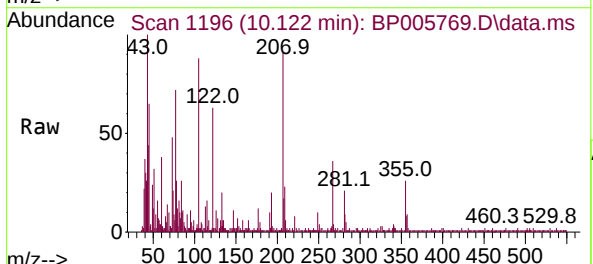
Instrument :
BNA_P
ClientSampled :
FAM4-WC6

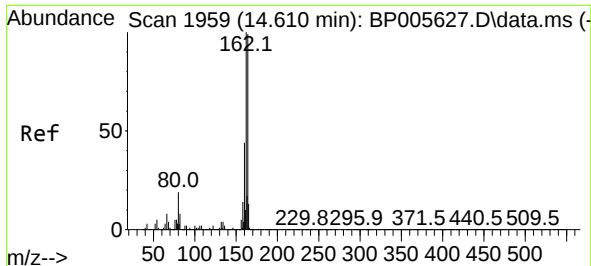
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 39.3 40.7 61.1#
65 160.7 47.8 71.6#



#32
Benzoic acid
Concen: 5.16 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:122 Resp: 633
Ion Ratio Lower Upper
122 100
105 139.9 105.1 145.1
77 114.0 69.6 109.6#

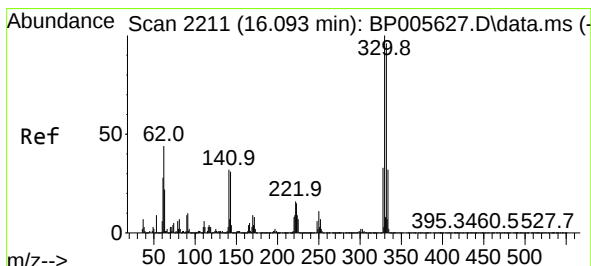
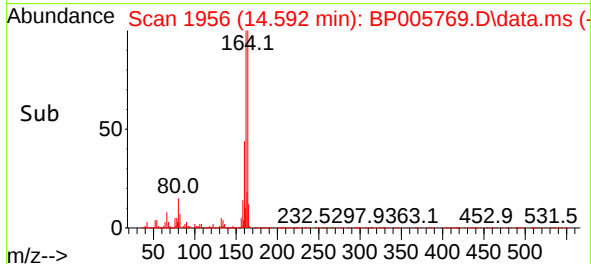
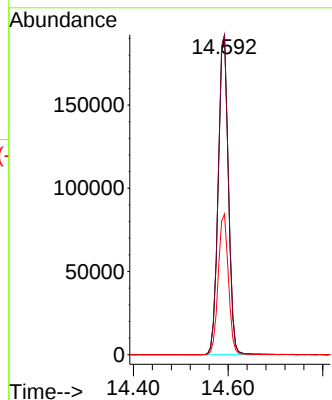
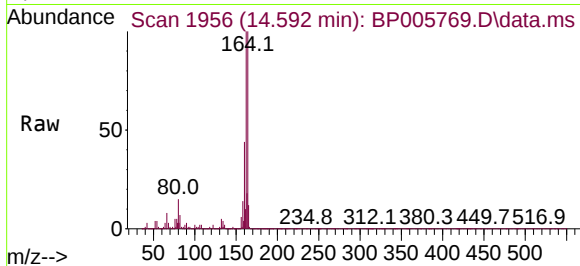




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

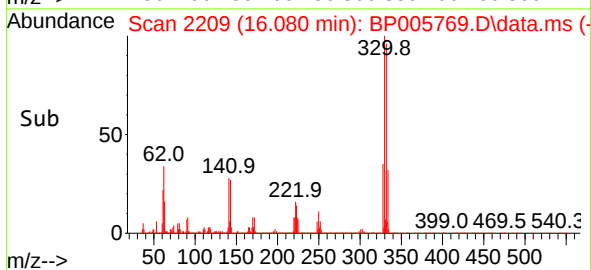
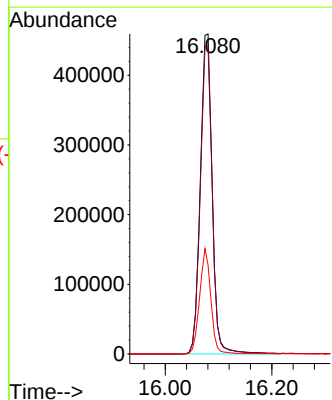
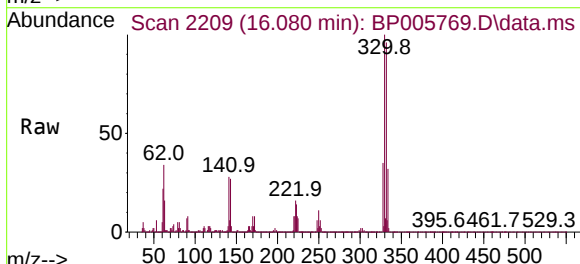
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

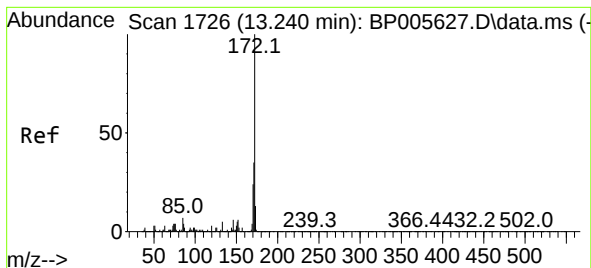
Tgt Ion:164 Resp: 285111
Ion Ratio Lower Upper
164 100
162 99.9 73.5 110.3
160 43.9 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 195.11 ng
RT: 16.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:330 Resp: 713303
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 30.9 22.8 34.2

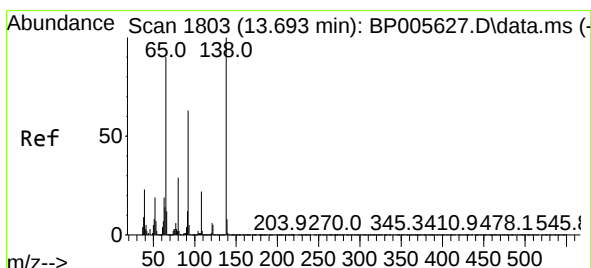
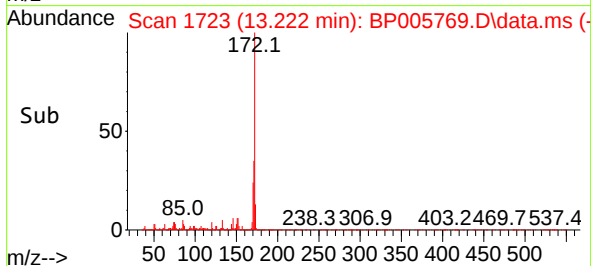
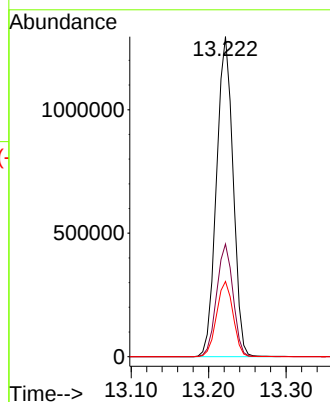
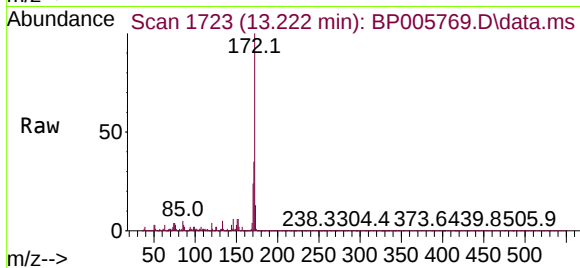




#45
2-Fluorobiphenyl
Concen: 89.37 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

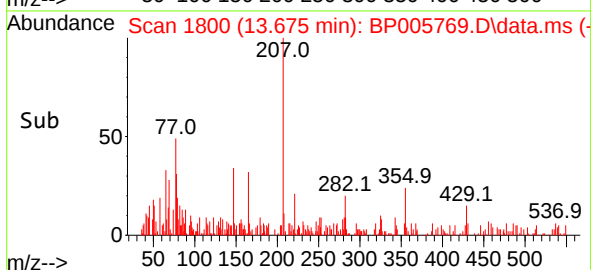
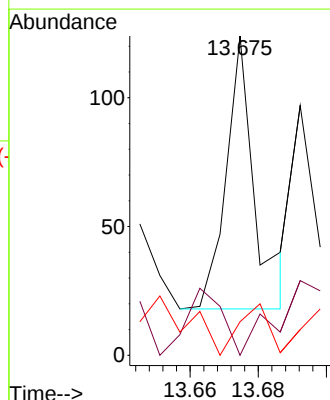
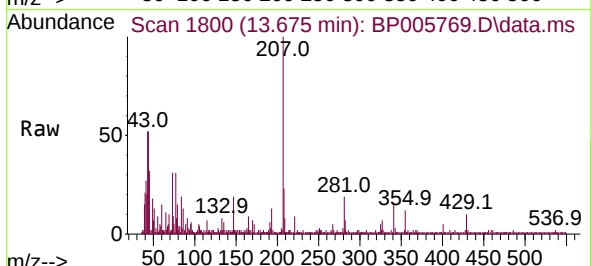
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BNA_P
ClientSampleId :
FAM4-WC6

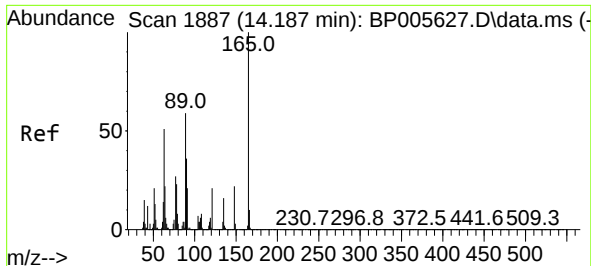
Tgt Ion:172 Resp: 1925384
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 19.6 29.4



#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.675 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 21.8 48.8 73.2#
138 10.5 69.5 104.3#

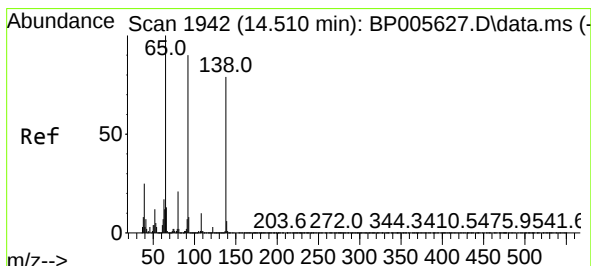
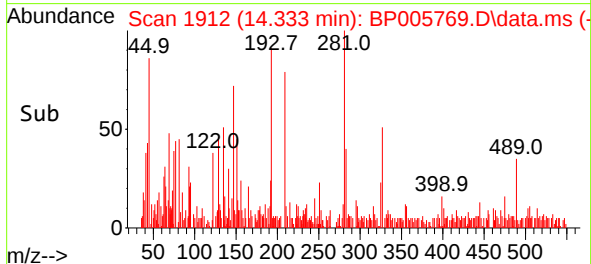
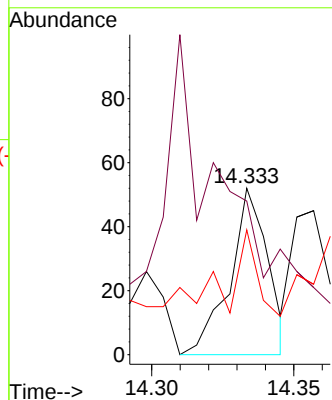
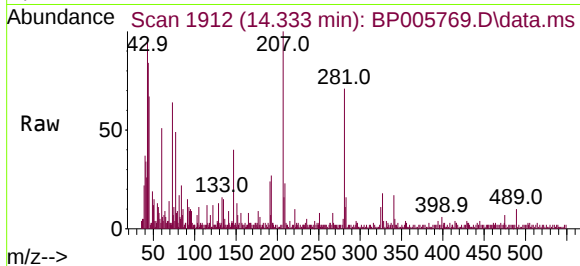




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.333 min Scan# 1912
Delta R.T. 0.153 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

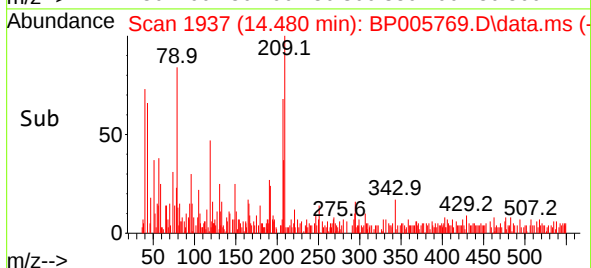
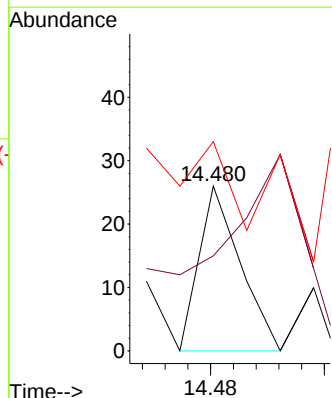
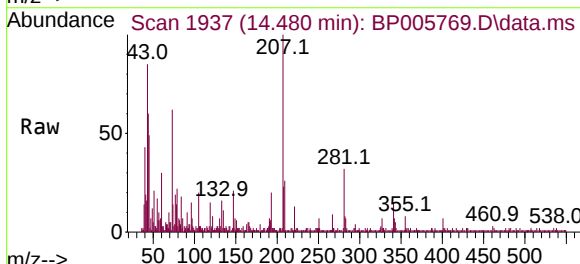
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

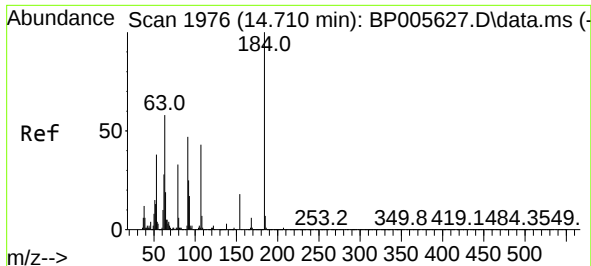
Tgt Ion:	165	Resp:	48
Ion Ratio	Lower	Upper	
165	100		
63	92.3	67.4	101.0
89	75.0	73.8	110.6



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.024 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:	138	Resp:	13
Ion Ratio	Lower	Upper	
138	100		
108	57.7	10.2	15.4#
92	126.9	108.1	162.1

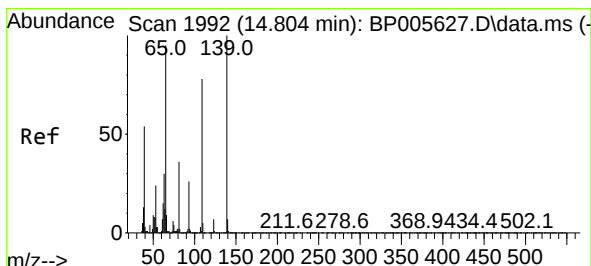
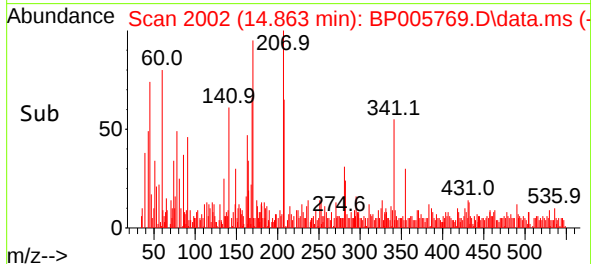
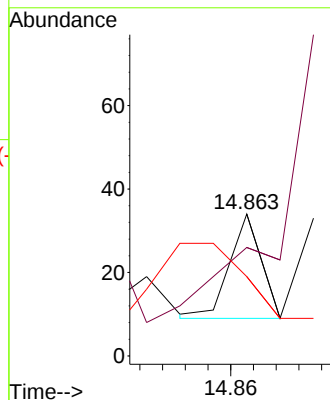
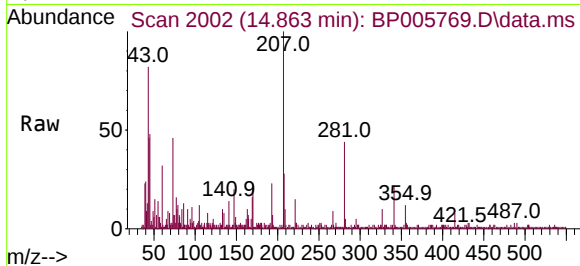




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.141 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

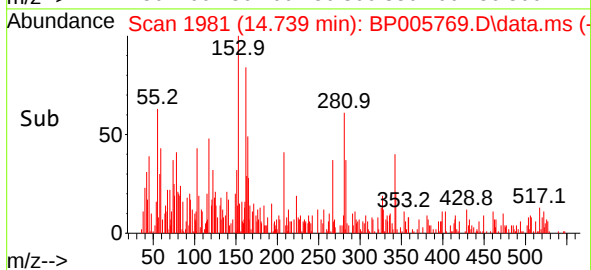
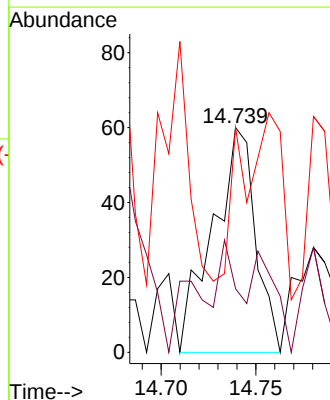
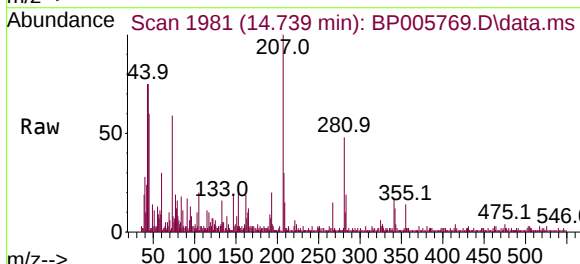
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

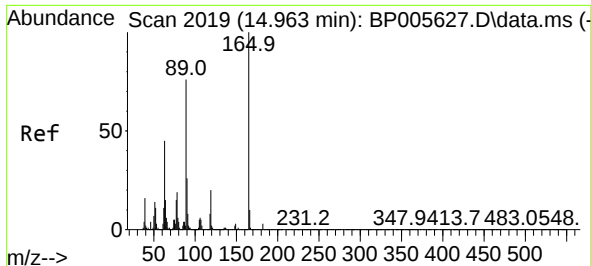
Tgt Ion:184	Resp:	10
Ion Ratio	Lower	Upper
184 100		
63 76.5	51.2	76.8
154 55.9	55.8	83.8



#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.077 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:139	Resp:	94	
Ion	Ratio	Lower	Upper
139	100		
109	28.3	122.8	162.8#
65	100.0	110.0	150.0#

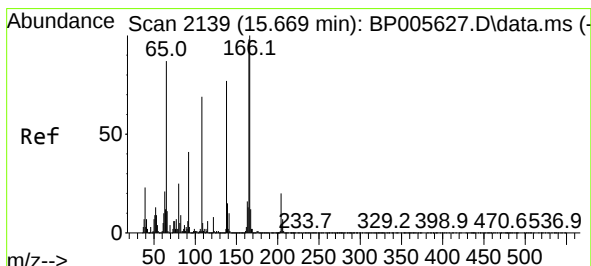
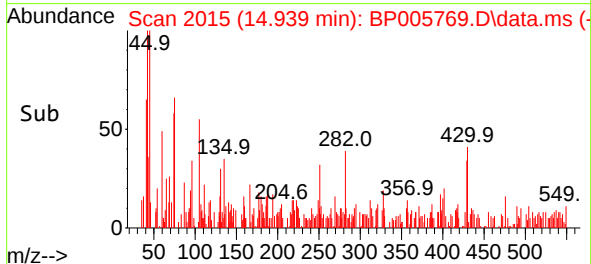
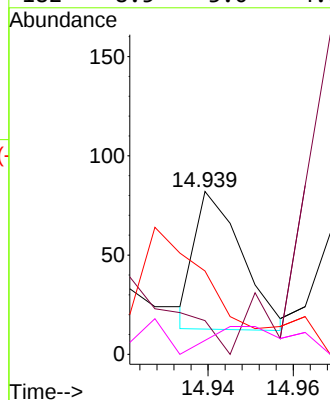
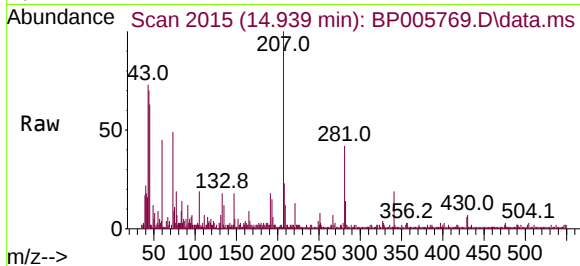




#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.030 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

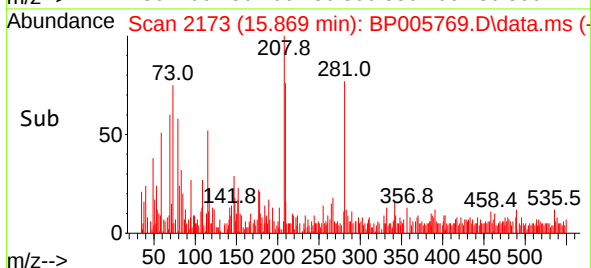
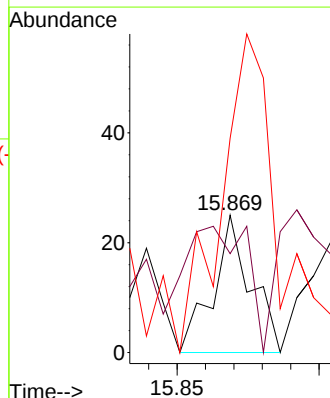
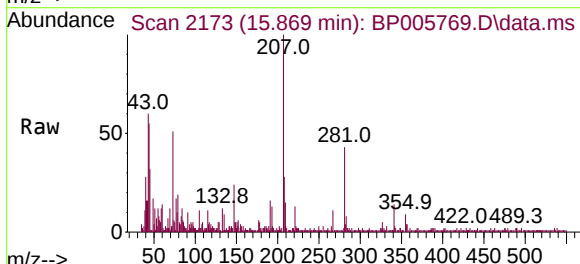
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

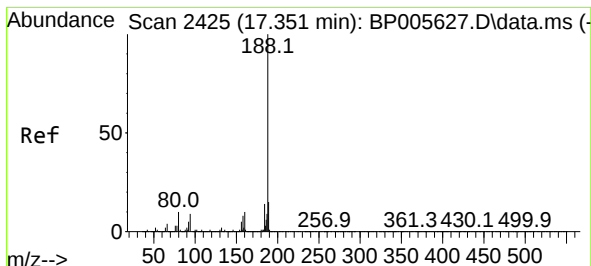
Tgt Ion:	165	Resp:	53
Ion	Ratio	Lower	Upper
165	100		
63	20.7	56.7	85.1#
89	51.2	85.8	128.6#
182	8.5	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.206 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:	138	Resp:	23
Ion	Ratio	Lower	Upper
138	100		
92	72.0	50.9	90.9
108	156.0	154.7	194.7

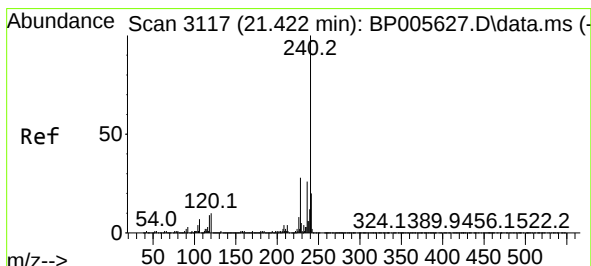
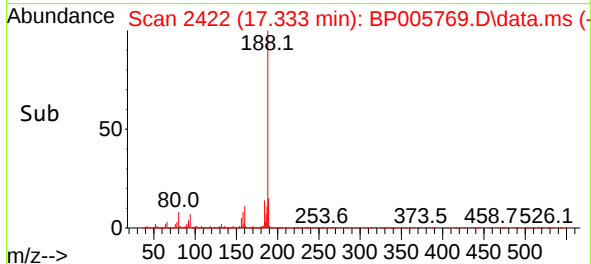
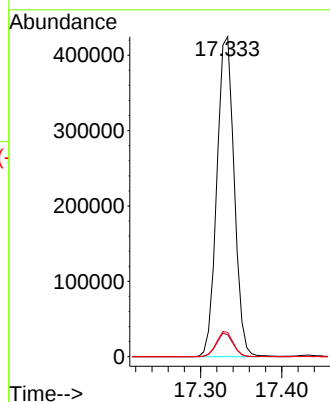
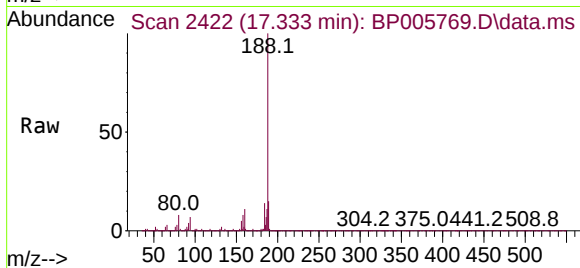




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

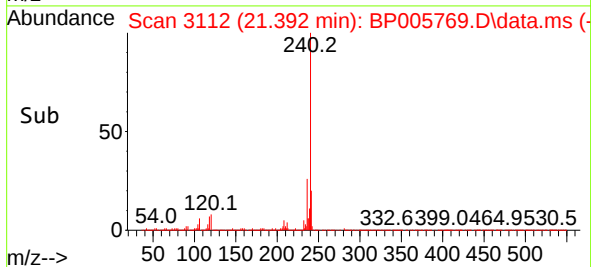
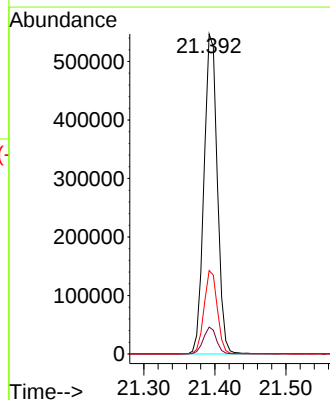
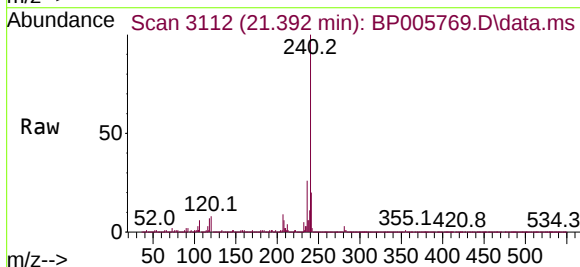
Instrument :
BNA_P
ClientSampleId :
FAM4-WC6

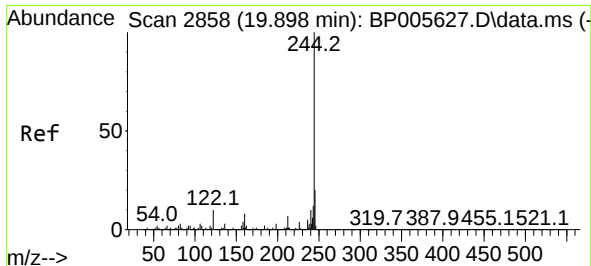
Tgt Ion:188 Resp: 629965
Ion Ratio Lower Upper
188 100
94 6.9 5.0 7.6
80 7.5 5.9 8.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BP005769.D
Acq: 08 Jun 2021 08:09

Tgt Ion:240 Resp: 716413
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 26.1 20.2 30.2

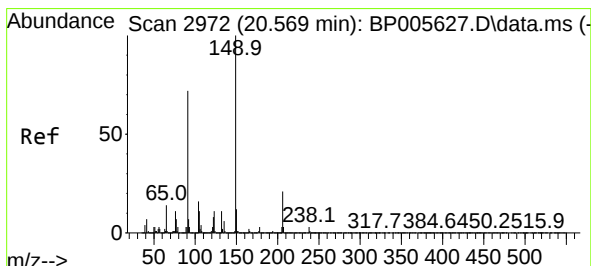
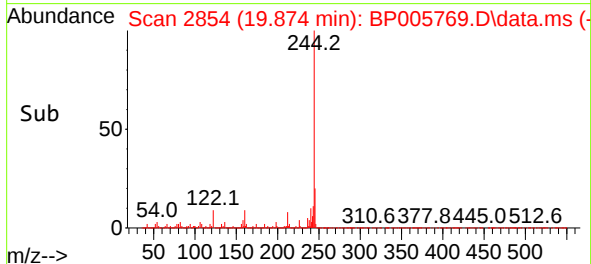
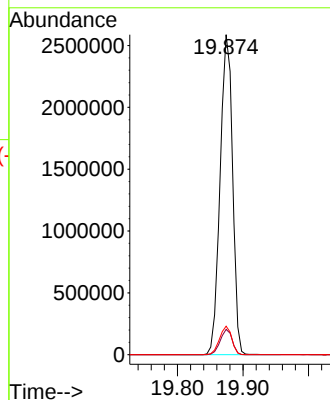
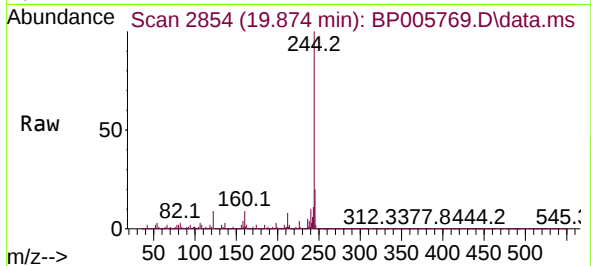




#79
 Terphenyl-d14
 Concen: 88.94 ng
 RT: 19.874 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BP005769.D
 Acq: 08 Jun 2021 08:09

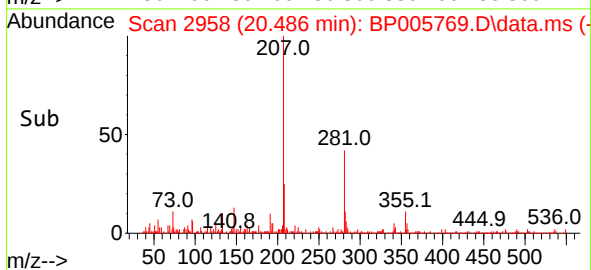
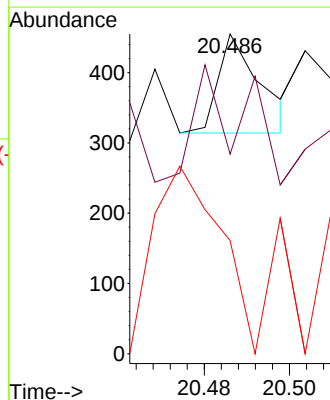
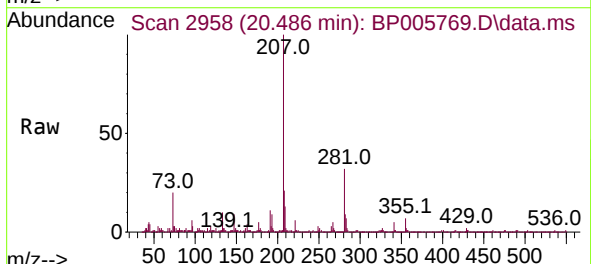
Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC6

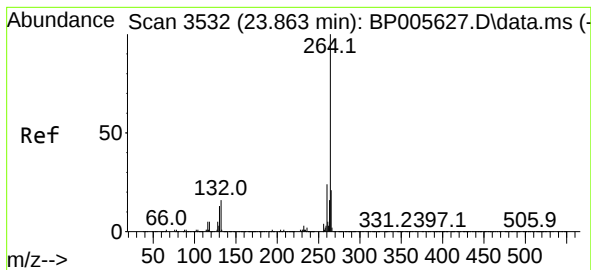
Tgt Ion:244 Resp: 3395570
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.6
 122 8.9 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.13 ng
 RT: 20.486 min Scan# 2958
 Delta R.T. -0.071 min
 Lab File: BP005769.D
 Acq: 08 Jun 2021 08:09

Tgt Ion:149 Resp: 96
 Ion Ratio Lower Upper
 149 100
 91 62.4 60.2 90.4
 206 35.4 23.9 35.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.030 min
 Lab File: BP005769.D
 Acq: 08 Jun 2021 08:09

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC6

Tgt Ion:264 Resp: 707658
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 21.3 19.0 28.6

