

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005768.D
 Acq On : 08 Jun 2021 07:35
 Operator : CG/JU
 Sample : M2603-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FAM4-WC5

Quant Time: Jun 08 08:06:34 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)

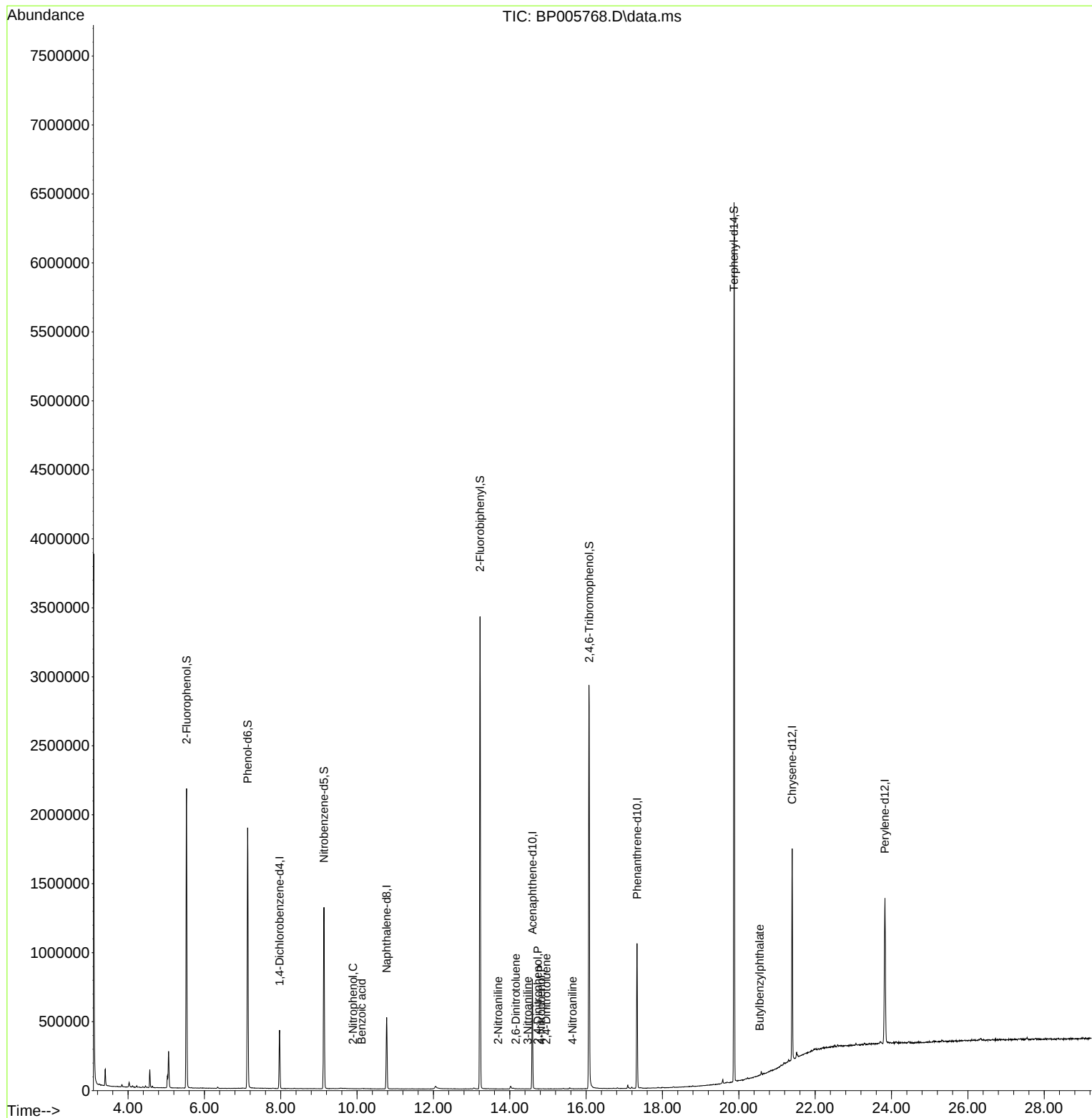
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	111809	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	434416	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	281895	20.00	ng	-0.01
64) Phenanthrene-d10	17.334	188	623747	20.00	ng	-0.01
76) Chrysene-d12	21.398	240	761234	20.00	ng	#-0.02
86) Perylene-d12	23.827	264	857873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	937611	130.38	ng	0.00
7) Phenol-d6	7.134	99	1053457	107.45	ng	0.00
23) Nitrobenzene-d5	9.134	82	763409	97.73	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	635296	175.75	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	1730359	81.24	ng	-0.01
79) Terphenyl-d14	19.875	244	3082426	75.98	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	17	4.16	ng	# 58
32) Benzoic acid	10.116	122	510	5.14	ng	# 66
48) 2-Nitroaniline	13.693	65	24	4.49	ng	# 21
51) 2,6-Dinitrotoluene	14.157	165	40	5.07	ng	# 54
53) 3-Nitroaniline	14.469	138	34	3.66	ng	# 77
54) 2,4-Dinitrophenol	14.734	184	29	6.54	ng	# 91
56) 4-Nitrophenol	14.816	139	36	3.75	ng	# 23
57) 2,4-Dinitrotoluene	14.957	165	83	4.27	ng	# 28
62) 4-Nitroaniline	15.645	138	14	3.63	ng	# 44
80) Butylbenzylphthalate	20.545	149	784	4.16	ng	# 66

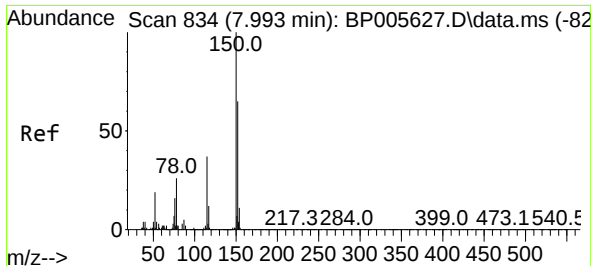
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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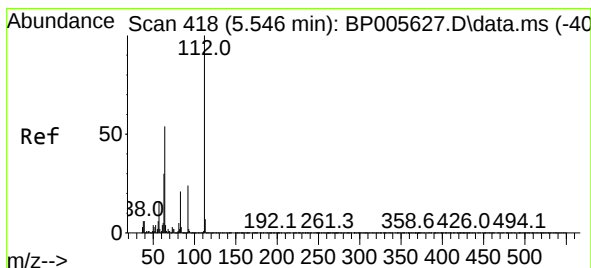
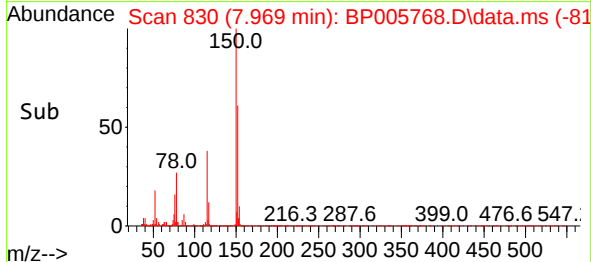
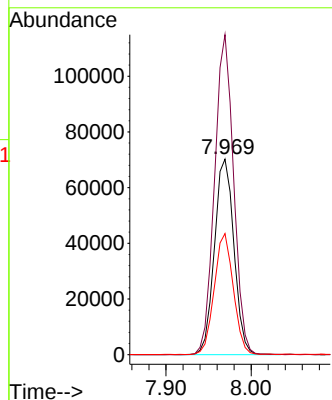
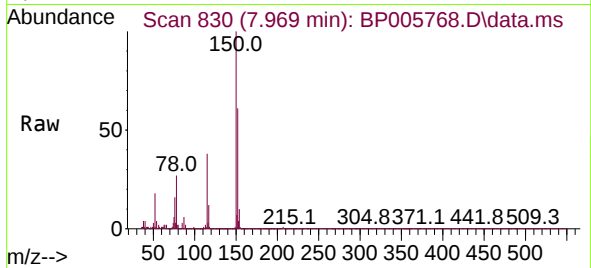




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

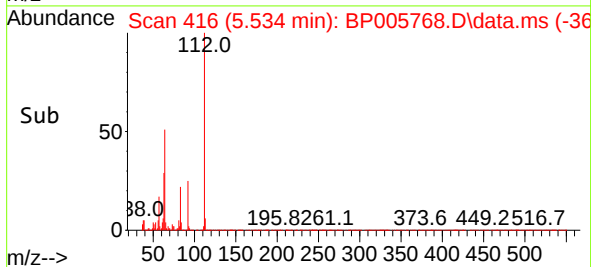
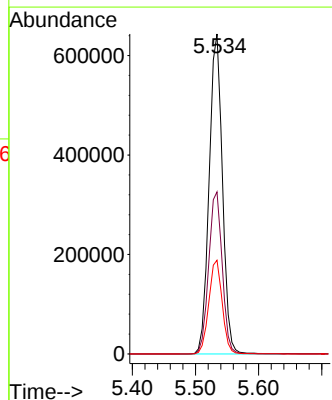
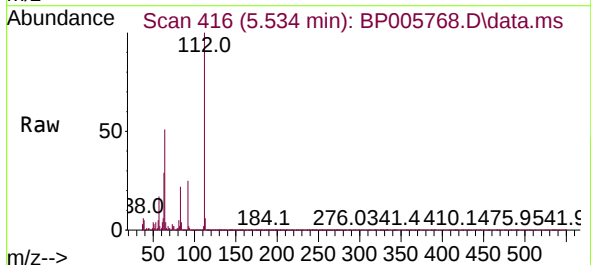
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

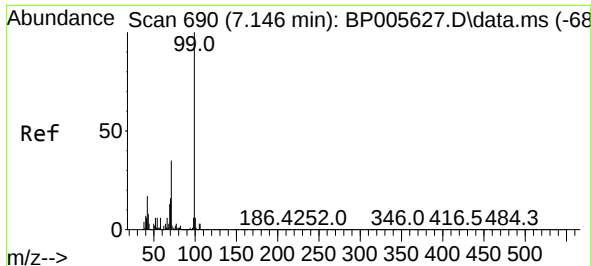
Tgt Ion:152 Resp: 111809
Ion Ratio Lower Upper
152 100
150 163.7 119.8 179.8
115 62.0 49.0 73.4



#5
2-Fluorophenol
Concen: 130.38 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:112 Resp: 937611
Ion Ratio Lower Upper
112 100
64 50.6 33.6 50.4#
63 29.3 18.6 27.8#



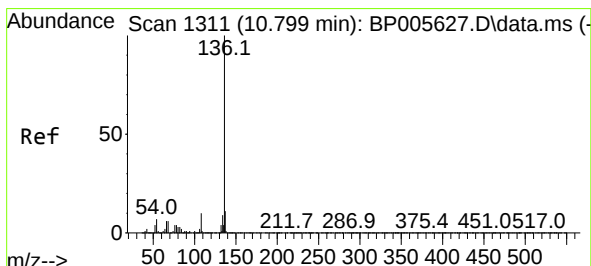
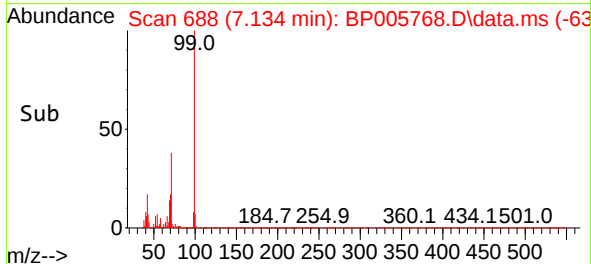
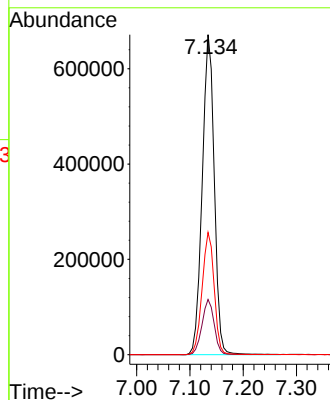
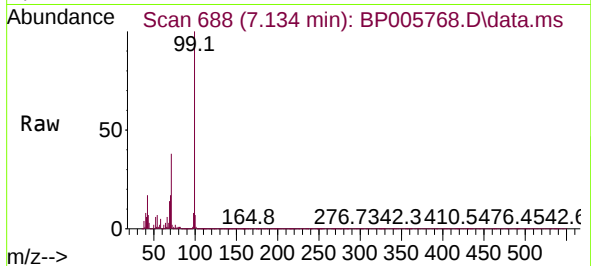


#7
Phenol-d6
Concen: 107.45 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

Tgt Ion: 99 Resp: 1053457

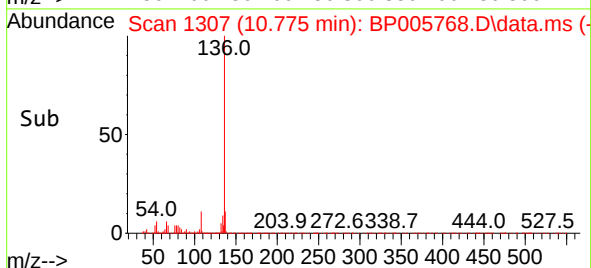
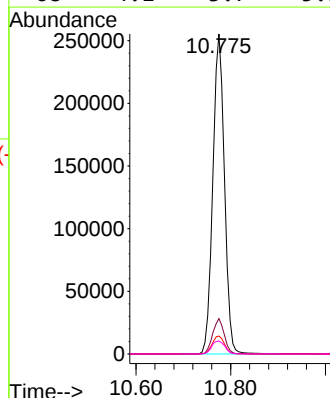
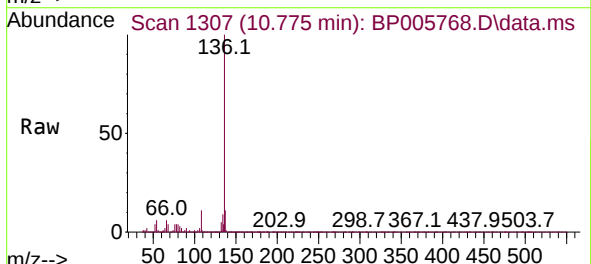
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	38.2	26.7	40.1

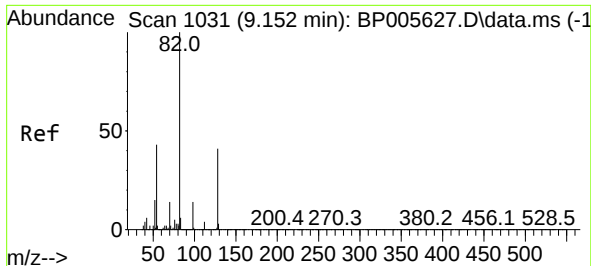


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion: 136 Resp: 434416

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.6	5.0	7.4
68	4.1	3.7	5.5

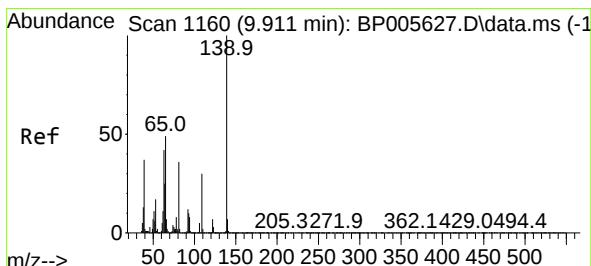
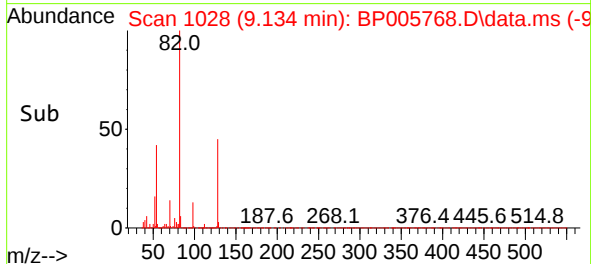
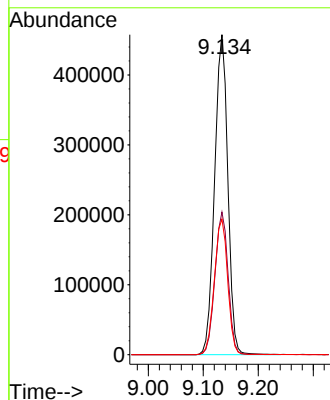
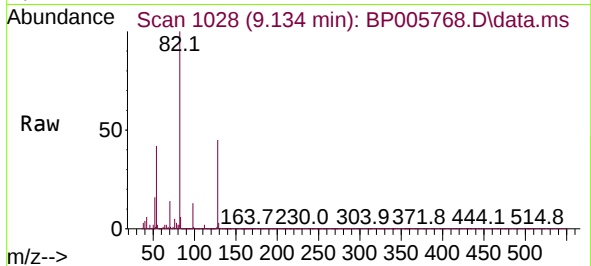




#23
Nitrobenzene-d5
Concen: 97.73 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

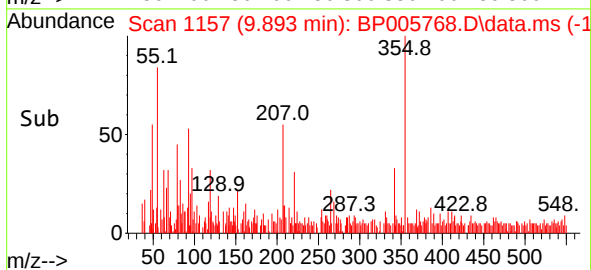
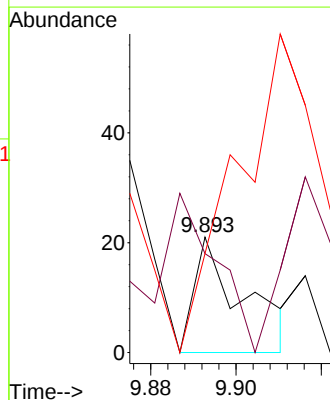
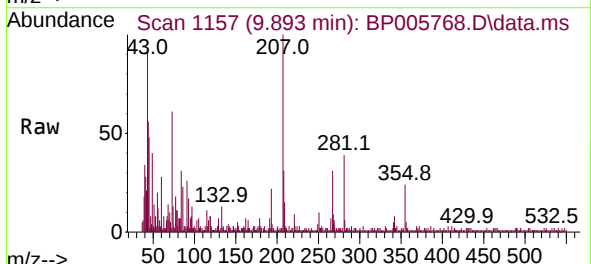
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

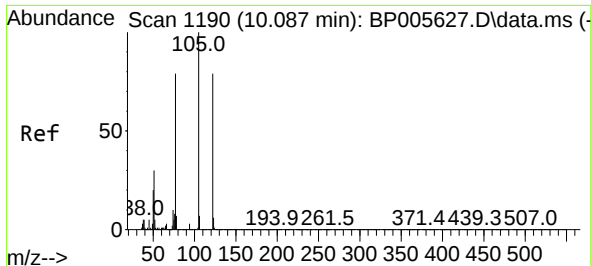
Tgt Ion: 82 Resp: 763409
Ion Ratio Lower Upper
82 100
128 44.5 30.5 45.7
54 42.4 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 85.7 40.7 61.1#
65 85.7 47.8 71.6#

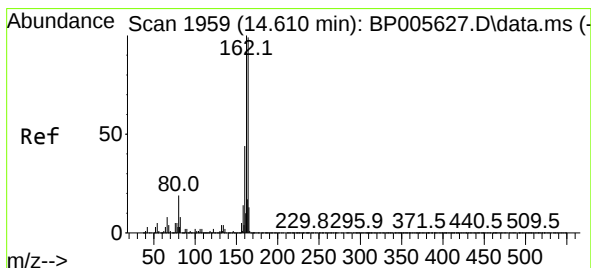
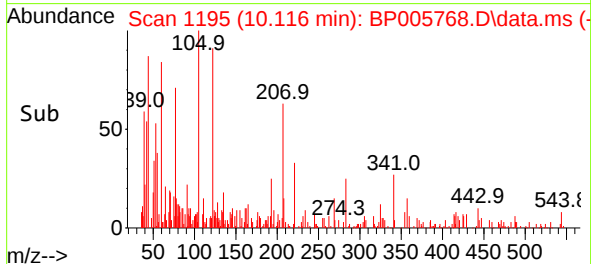
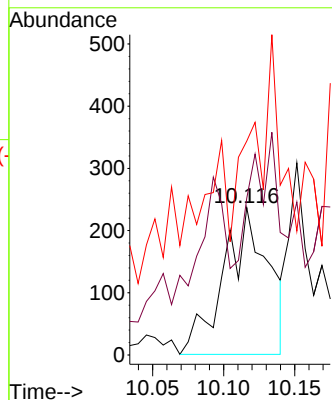
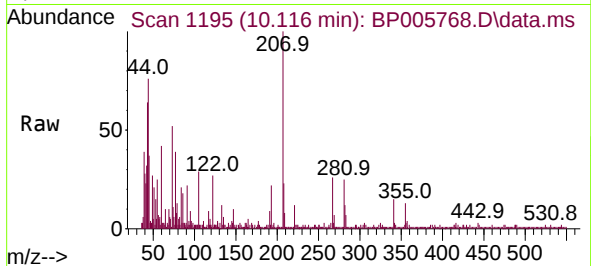




#32
Benzoic acid
Concen: 5.14 ng
RT: 10.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

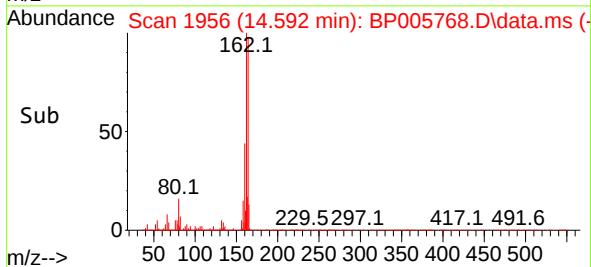
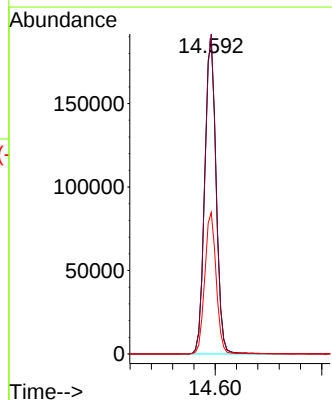
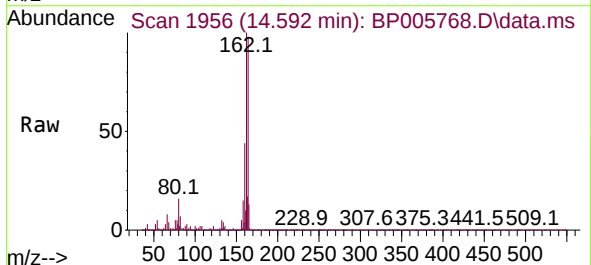
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

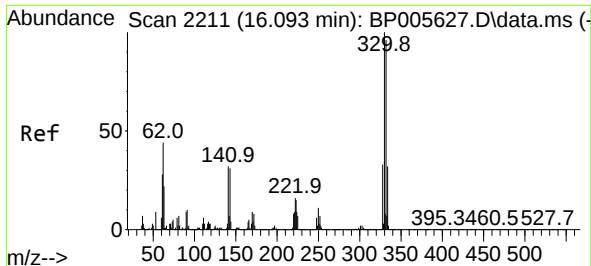
Tgt Ion:122 Resp: 510
Ion Ratio Lower Upper
122 100
105 106.3 105.1 145.1
77 145.1 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:164 Resp: 281895
Ion Ratio Lower Upper
164 100
162 102.3 73.5 110.3
160 45.2 40.6 61.0

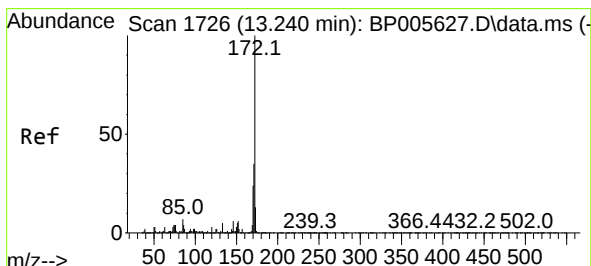
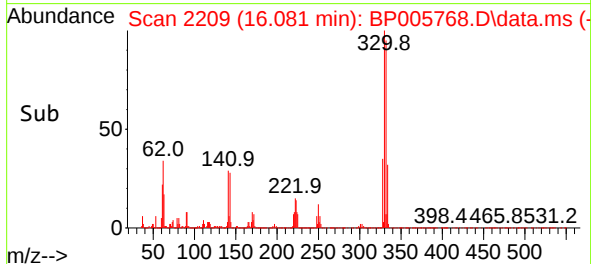
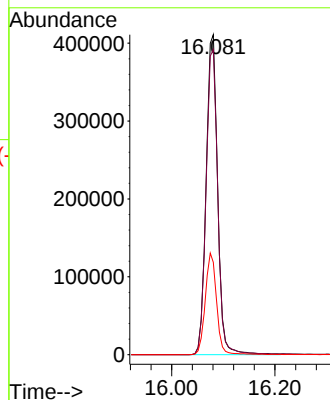
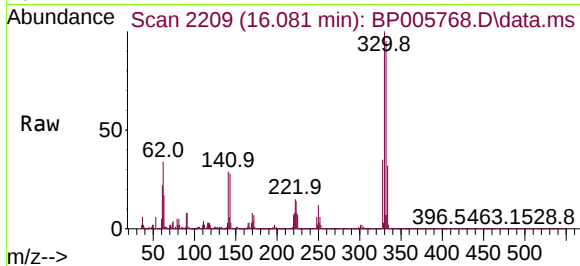




#42
2,4,6-Tribromophenol
Concen: 175.75 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

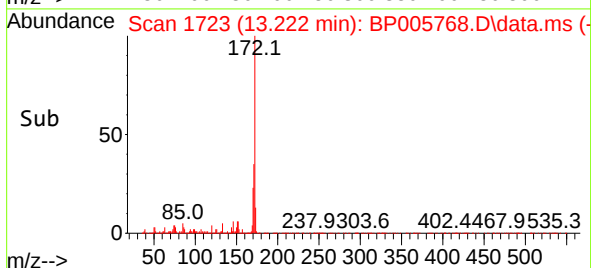
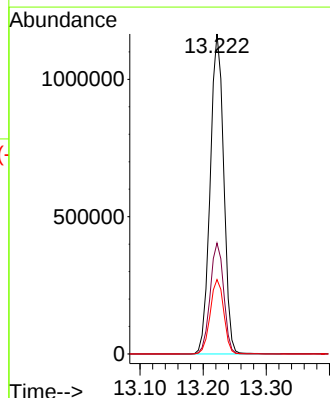
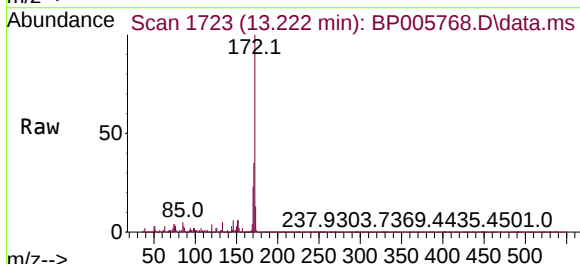
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

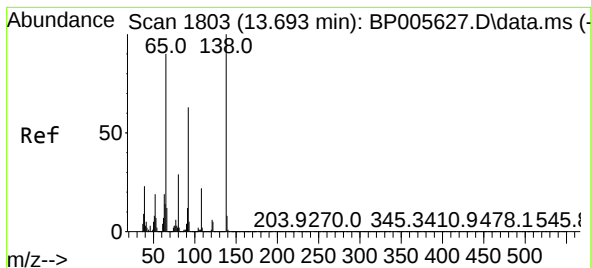
Tgt Ion:330 Resp: 635296
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 31.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 81.24 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:172 Resp: 1730359
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.3 19.6 29.4

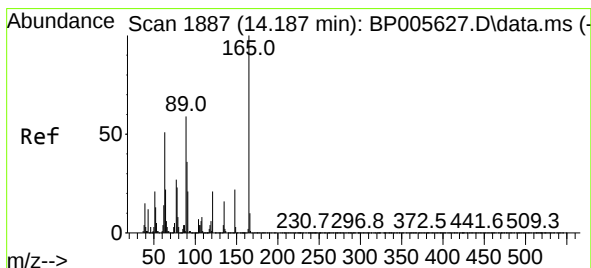
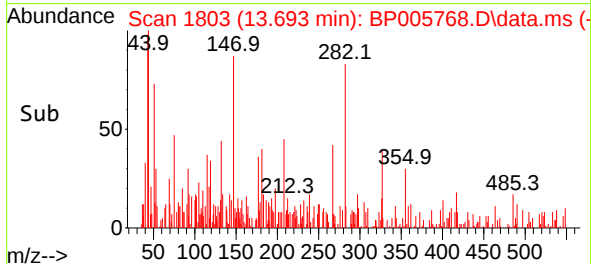
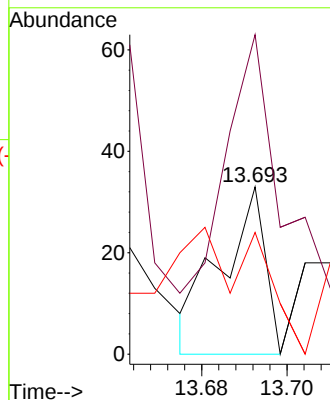
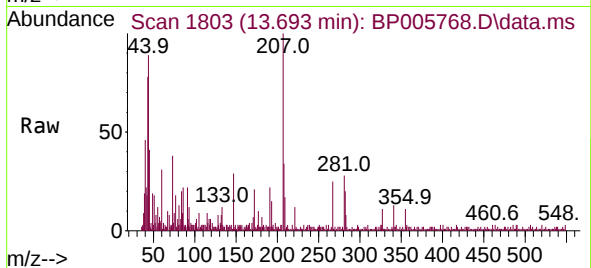




#48
2-Nitroaniline
Concen: 4.49 ng
RT: 13.693 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

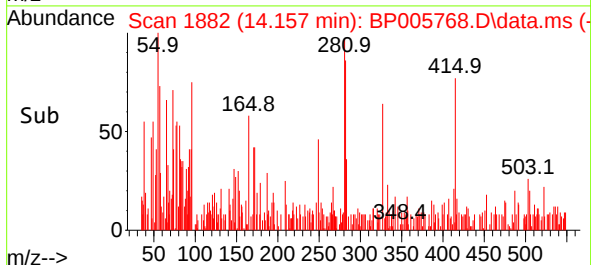
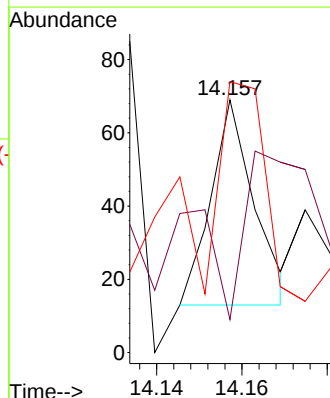
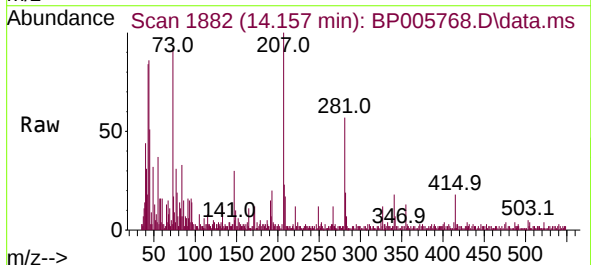
Instrument :
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FAM4-WC5

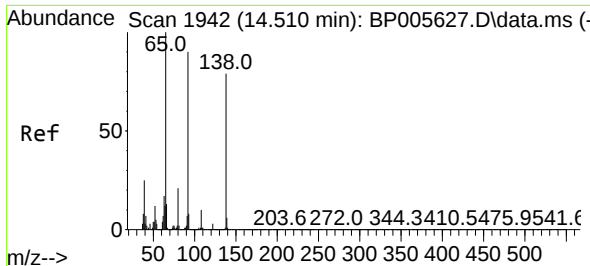
Tgt Ion:	65	Resp:	24
Ion Ratio	Lower	Upper	
65	100		
92	190.9	48.8	73.2#
138	72.7	69.5	104.3



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.024 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:	165	Resp:	40
Ion Ratio	Lower	Upper	
165	100		
63	13.0	67.4	101.0#
89	107.2	73.8	110.6

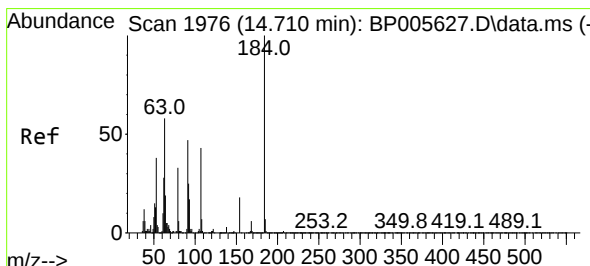
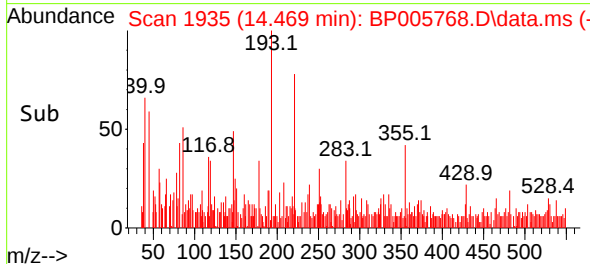
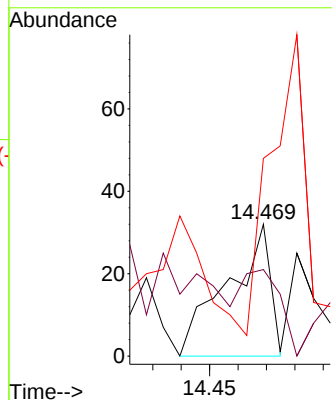
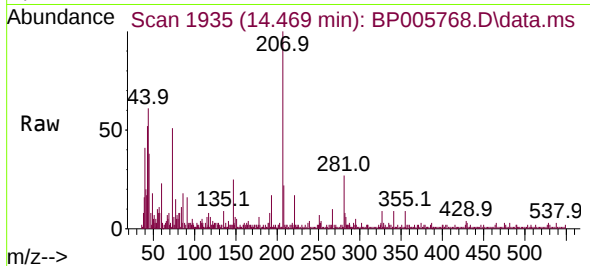




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.035 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

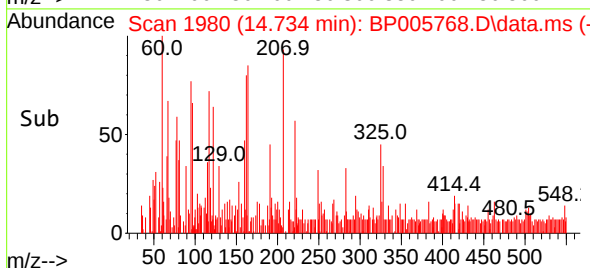
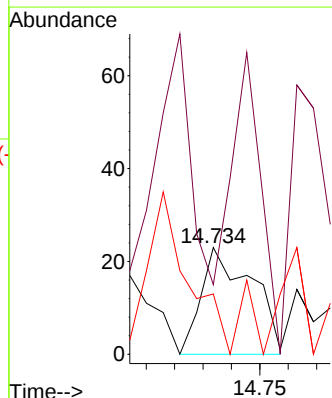
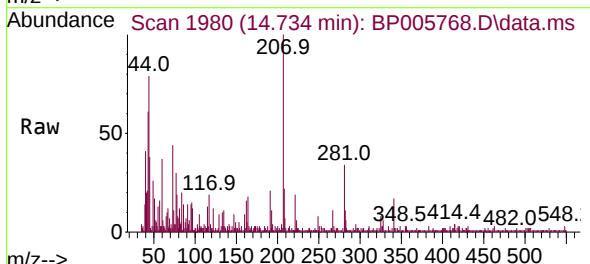
Instrument :
BNA_P
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FAM4-WC5

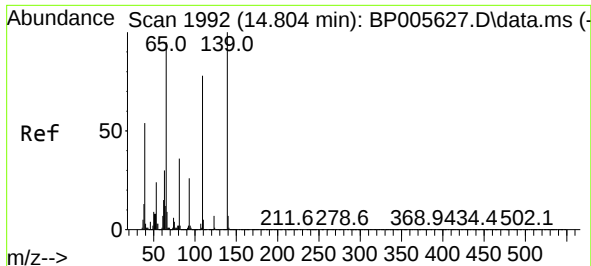
Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
108 65.6 10.2 15.4#
92 150.0 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.734 min Scan# 1980
Delta R.T. 0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 65.2 51.2 76.8
154 56.5 55.8 83.8

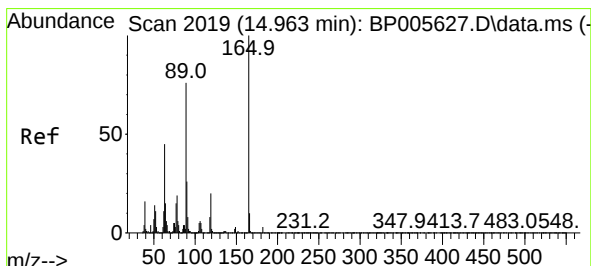
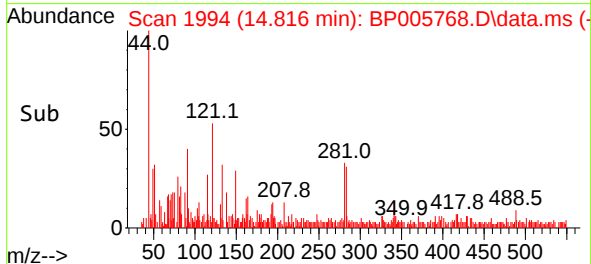
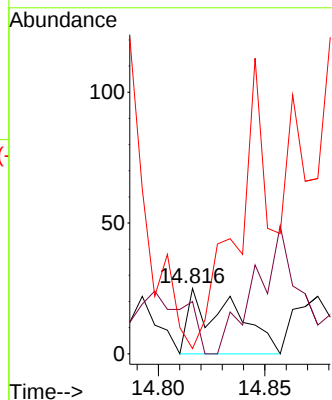
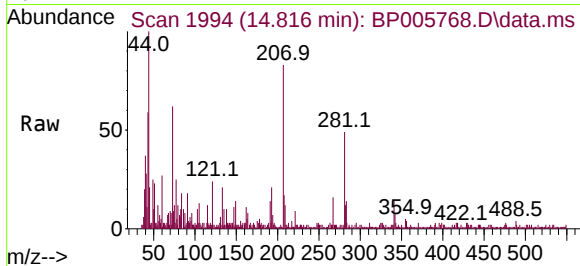




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

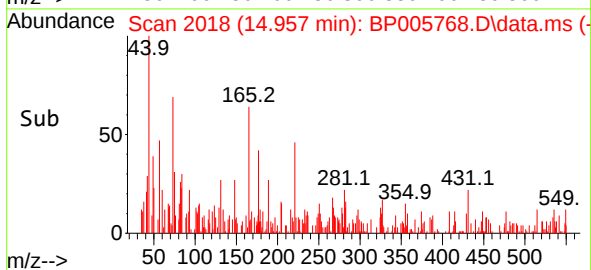
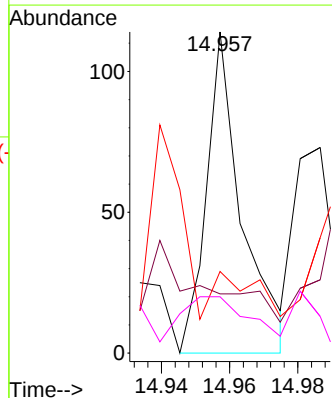
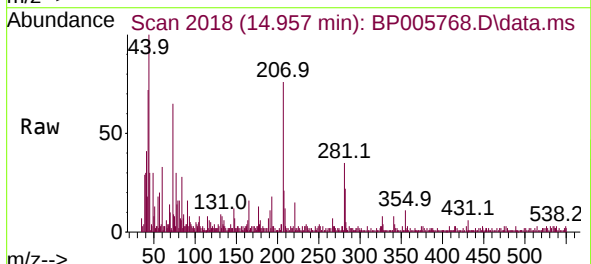
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

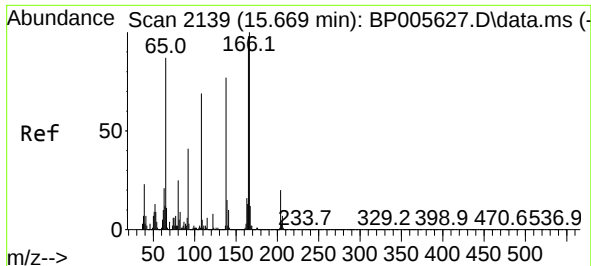
Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 80.0 122.8 162.8#
65 8.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 18.4 56.7 85.1#
89 25.4 85.8 128.6#
182 17.5 3.0 4.6#

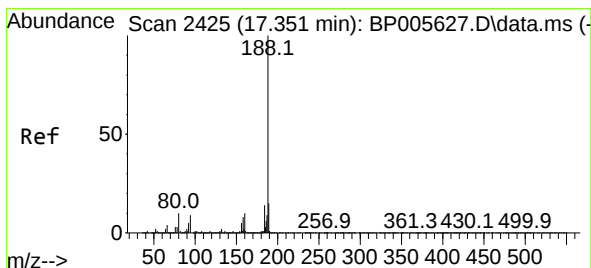
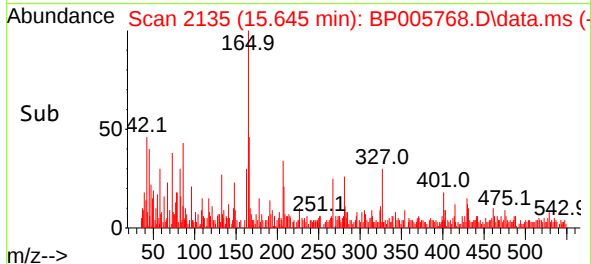
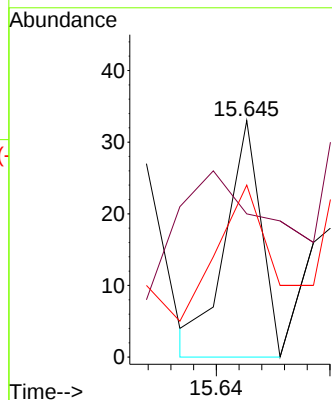
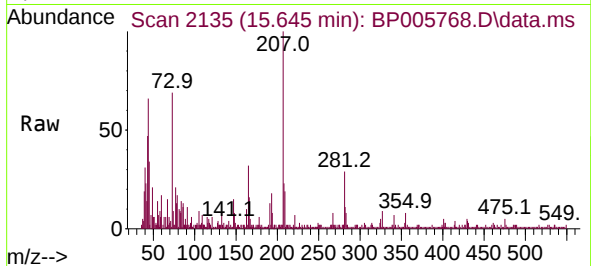




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

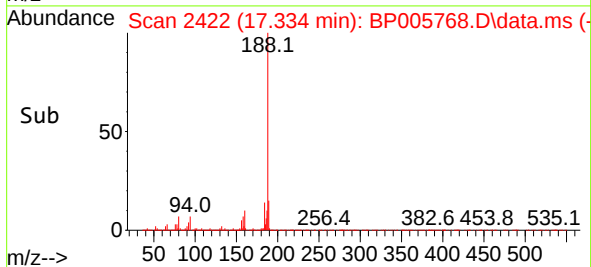
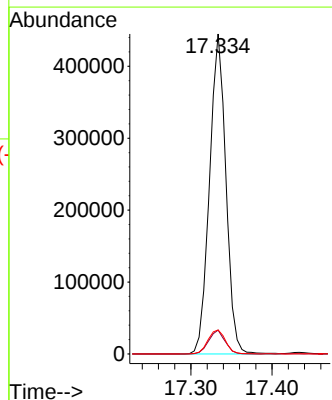
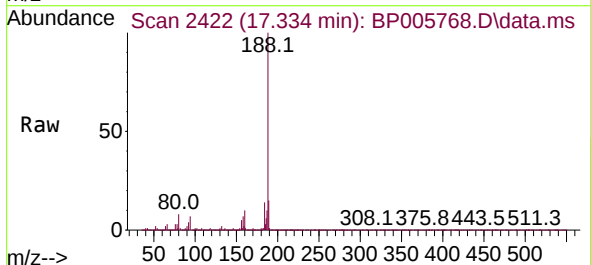
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

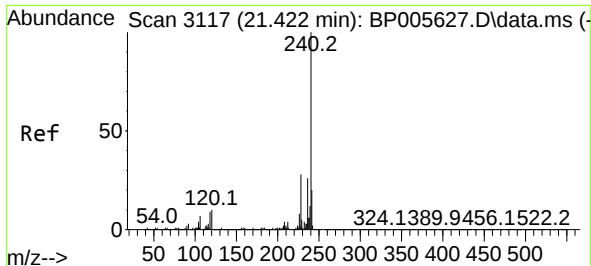
Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
92 60.6 50.9 90.9
108 72.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:188 Resp: 623747
Ion Ratio Lower Upper
188 100
94 7.4 5.0 7.6
80 7.5 5.9 8.9

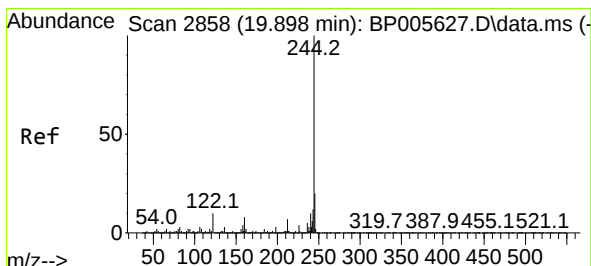
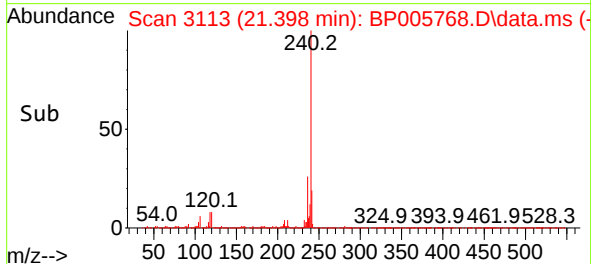
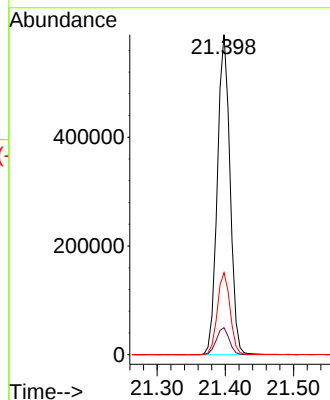
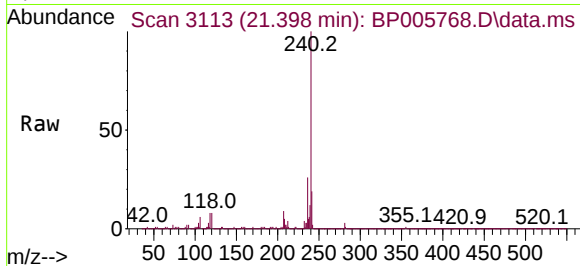




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

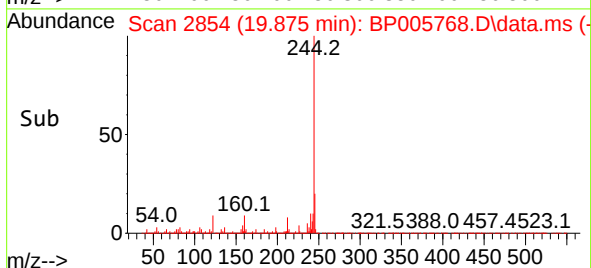
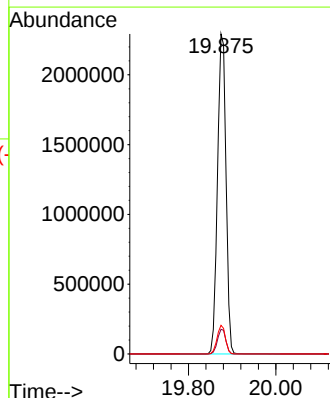
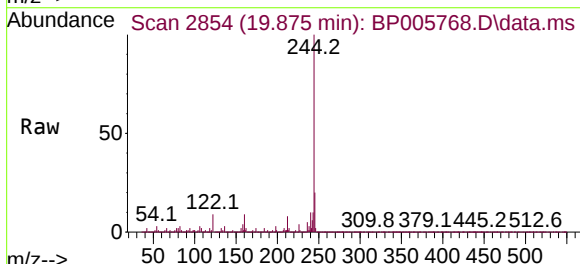
Instrument :
BNA_P
ClientSampleId :
FAM4-WC5

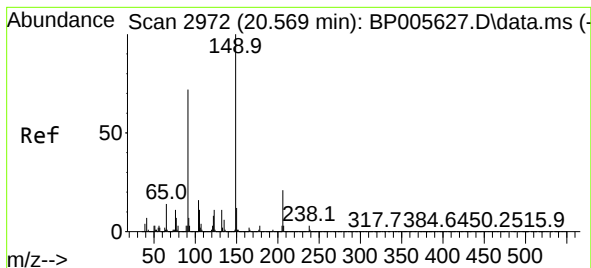
Tgt Ion:240 Resp: 761234
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.6 20.2 30.2



#79
Terphenyl-d14
Concen: 75.98 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005768.D
Acq: 08 Jun 2021 07:35

Tgt Ion:244 Resp: 3082426
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 9.0 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.16 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP005768.D

Acq: 08 Jun 2021 07:35

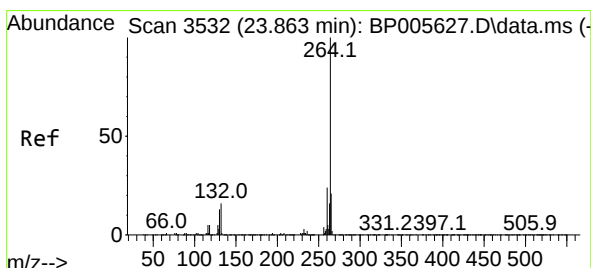
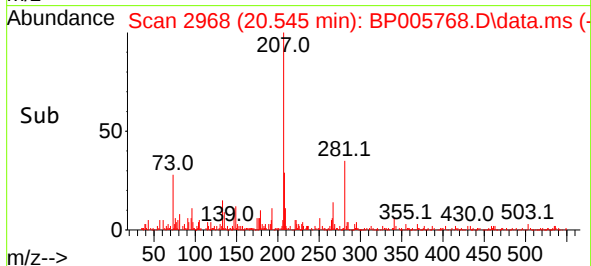
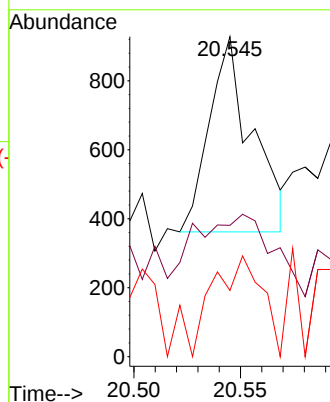
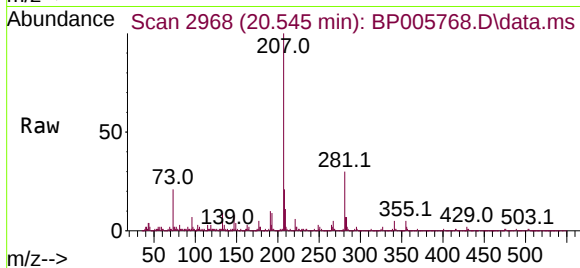
Instrument :

BNA_P

ClientSampleId :

FAM4-WC5

Tgt Ion:149	Resp:	784
Ion Ratio	Lower	Upper
149	100	
91	41.1	60.2 90.4#
206	20.7	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: BP005768.D

Acq: 08 Jun 2021 07:35

Tgt Ion:264	Resp:	857873
Ion Ratio	Lower	Upper
264	100	
260	23.5	20.6 30.8
265	22.3	19.0 28.6

