

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005665.D
 Acq On : 02 Jun 2021 14:55
 Operator : CG/JU
 Sample : PB136774BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136774BL

Quant Time: Jun 02 15:34:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

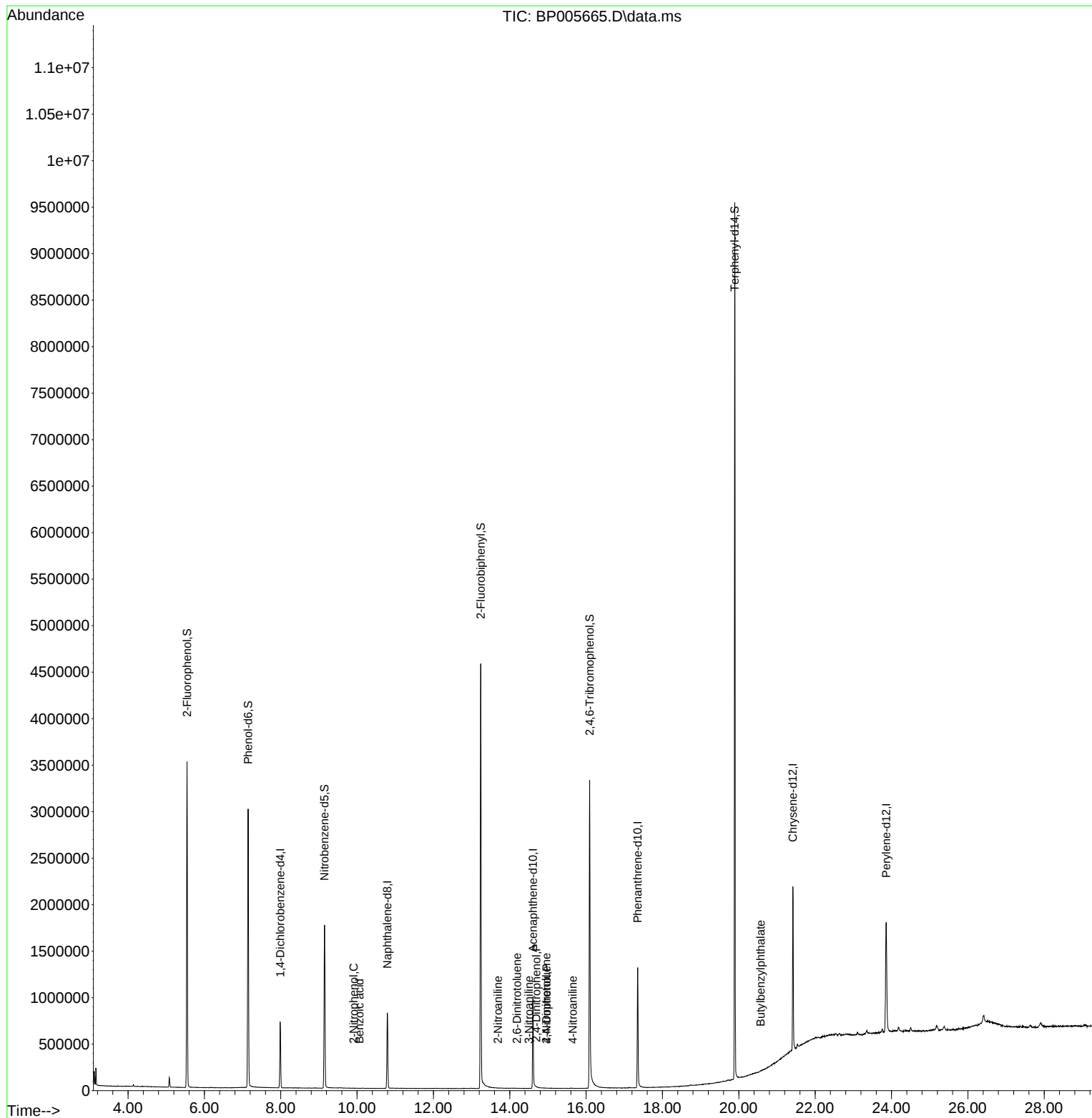
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	190632	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	682185	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	380720	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	812306	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	882913	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1026448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1459626	119.04	ng	0.00
7) Phenol-d6	7.146	99	1671563	100.00	ng	0.00
23) Nitrobenzene-d5	9.146	82	1049125	85.53	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	802321	164.34	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2440622	84.84	ng	0.00
79) Terphenyl-d14	19.892	244	4171150	88.65	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.910	139	54	4.17	ng	# 1
32) Benzoic acid	10.063	122	38	5.02	ng	# 1
48) 2-Nitroaniline	13.687	65	104	4.50	ng	# 36
51) 2,6-Dinitrotoluene	14.187	165	154	5.08	ng	97
53) 3-Nitroaniline	14.498	138	32	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.698	184	36	6.54	ng	# 5
56) 4-Nitrophenol	14.963	139	69	3.76	ng	99
57) 2,4-Dinitrotoluene	14.957	165	111	4.27	ng	# 53
62) 4-Nitroaniline	15.651	138	39	3.64	ng	# 12
80) Butylbenzylphthalate	20.569	149	986	4.17	ng	# 65

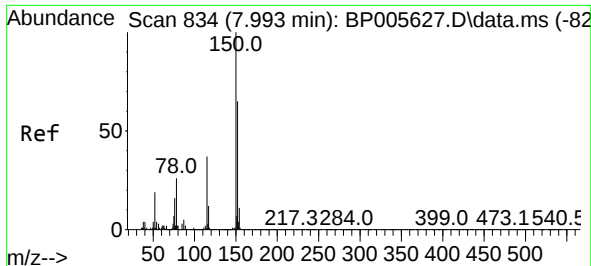
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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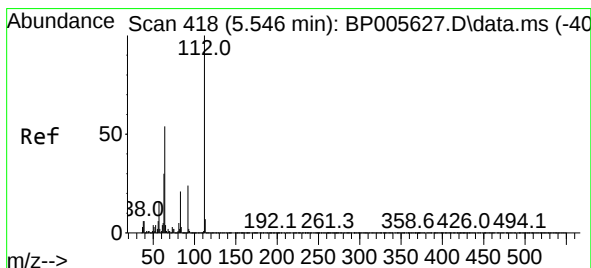
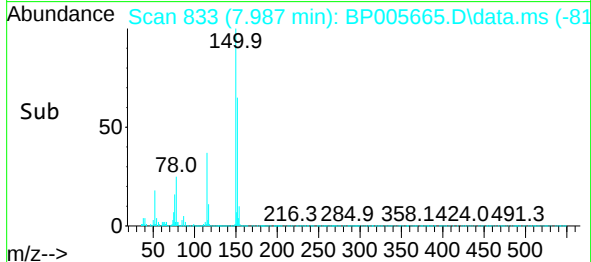
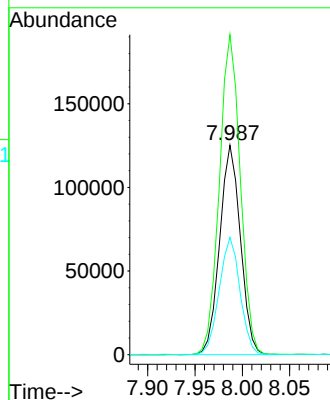
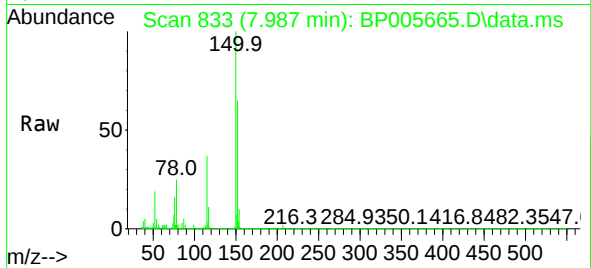




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

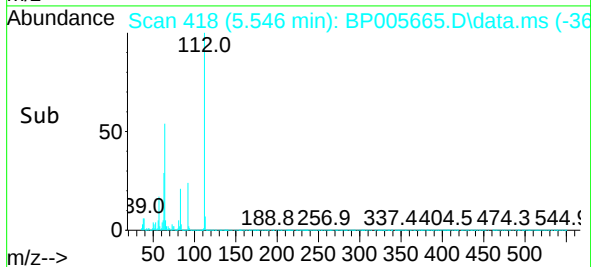
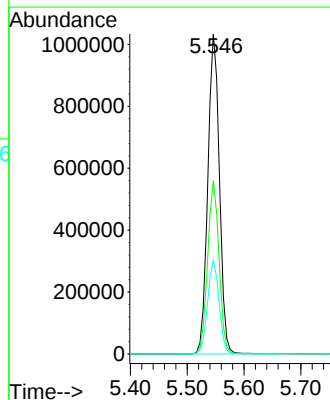
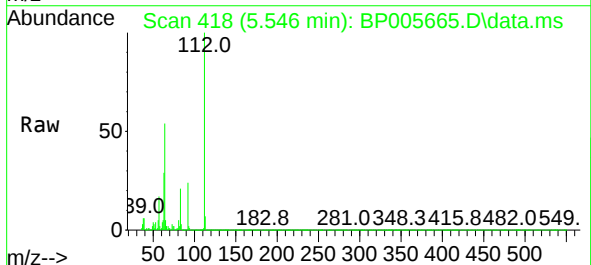
Instrument :
BNA_P
ClientSampleId :
PB136774BL

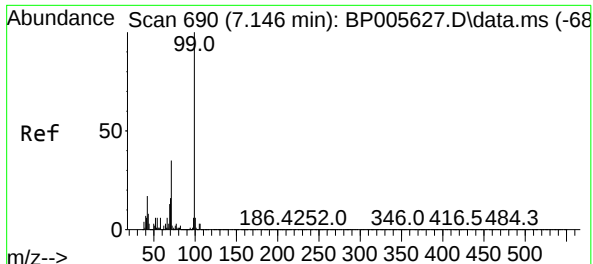
Tgt Ion:152 Resp: 190632
Ion Ratio Lower Upper
152 100
150 152.8 119.8 179.8
115 56.0 49.0 73.4



#5
2-Fluorophenol
Concen: 119.04 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:112 Resp: 1459626
Ion Ratio Lower Upper
112 100
64 54.2 33.6 50.4#
63 29.2 18.6 27.8#



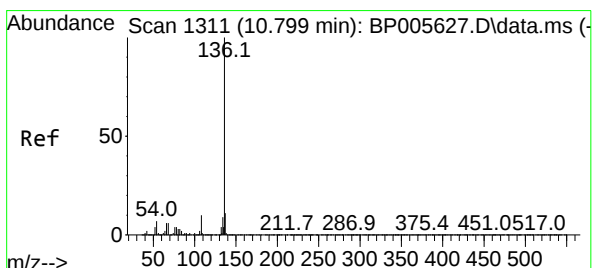
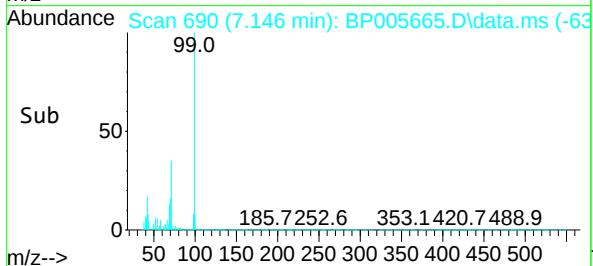
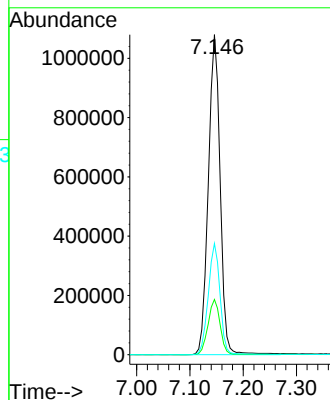
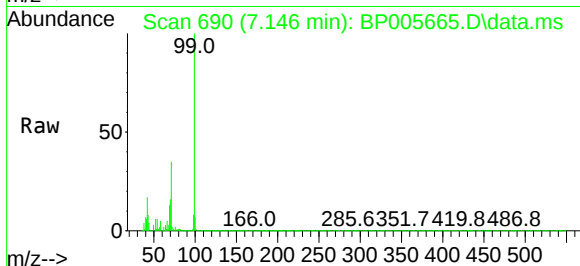


#7
Phenol-d6
Concen: 100.00 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Instrument :
BNA_P
ClientSampleId :
PB136774BL

Tgt Ion: 99 Resp: 1671563

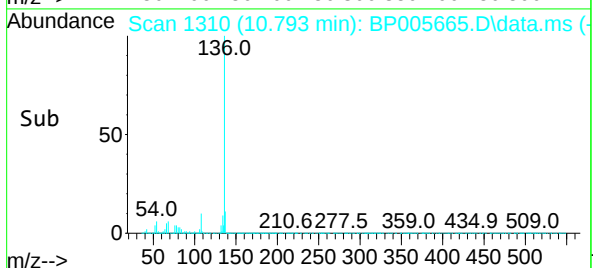
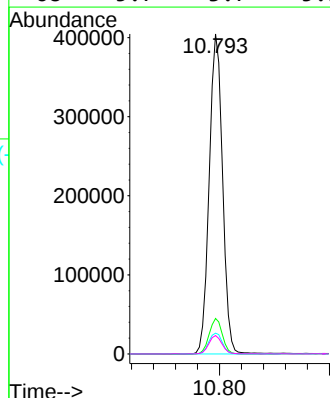
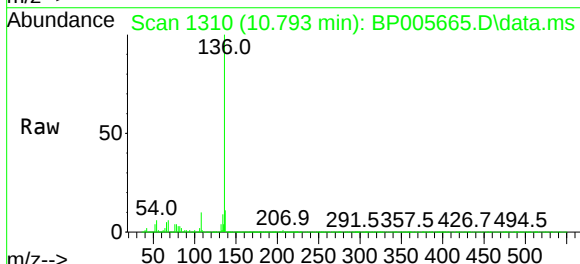
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	34.8	26.7	40.1

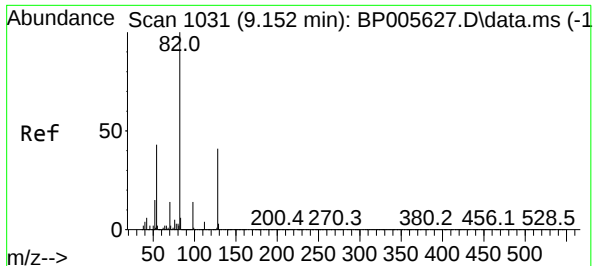


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion: 136 Resp: 682185

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.0	7.4
68	5.7	3.7	5.5





#23

Nitrobenzene-d5

Concen: 85.53 ng

RT: 9.146 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BP005665.D

Acq: 02 Jun 2021 14:55

Tgt Ion: 82 Resp: 1049125

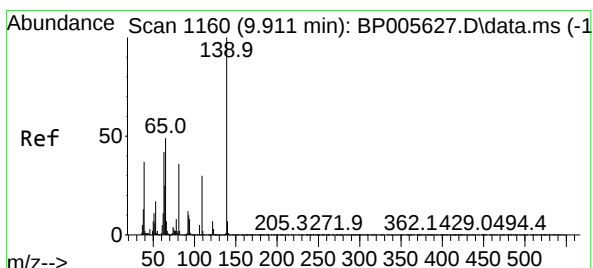
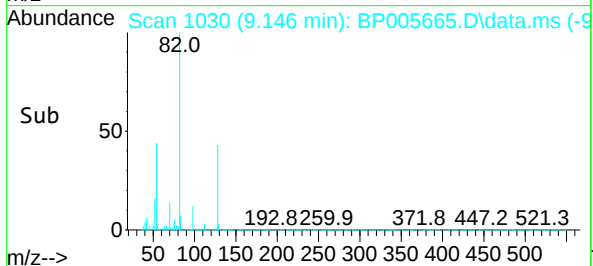
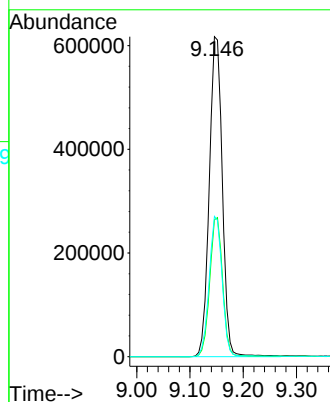
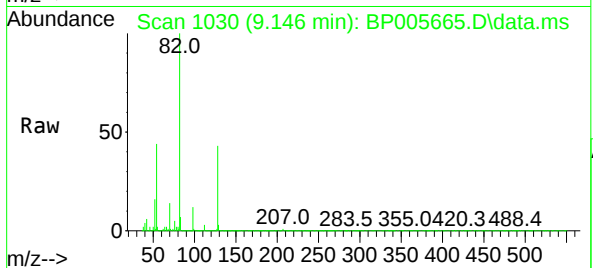
Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.5	45.7
54	43.9	33.9	50.9

Instrument :

BNA_P

ClientSampleId :

PB136774BL



#26

2-Nitrophenol

Concen: 4.17 ng

RT: 9.910 min Scan# 1160

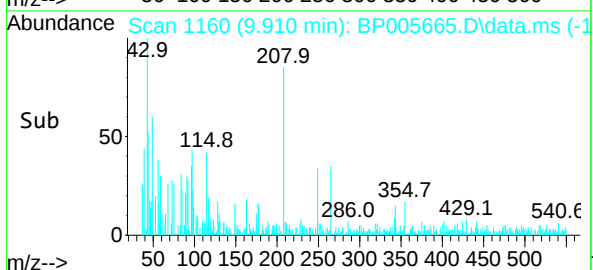
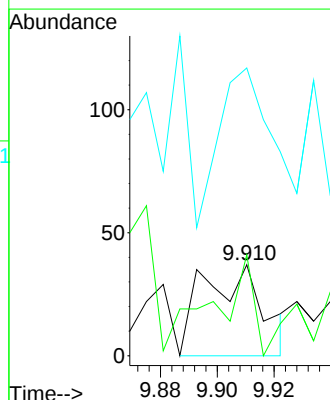
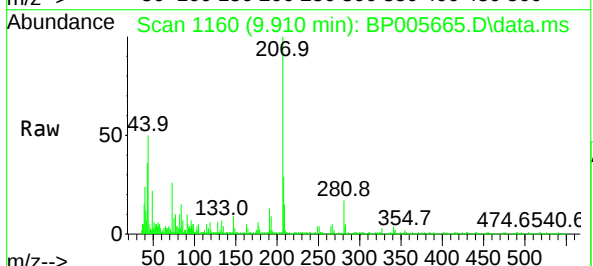
Delta R.T. -0.001 min

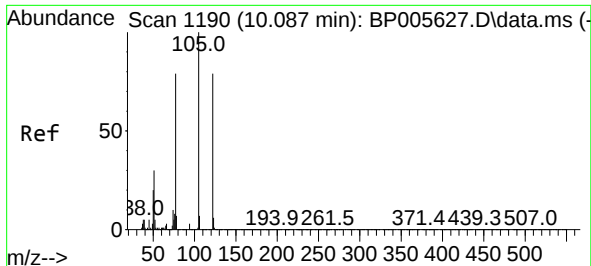
Lab File: BP005665.D

Acq: 02 Jun 2021 14:55

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	110.8	40.7	61.1#
65	316.2	47.8	71.6#

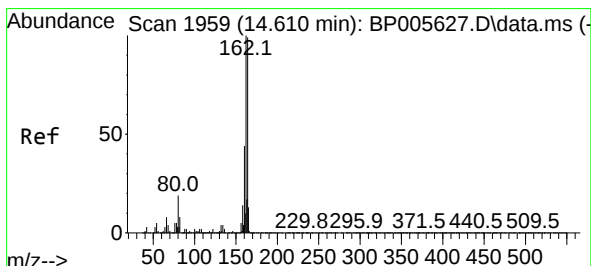
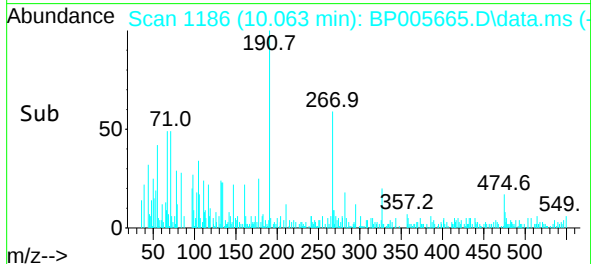
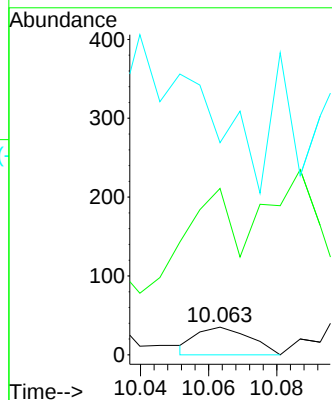
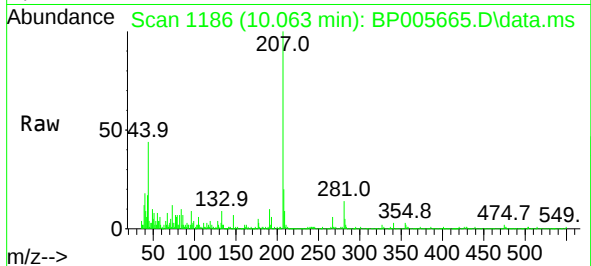




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.063 min Scan# 1186
Delta R.T. -0.024 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

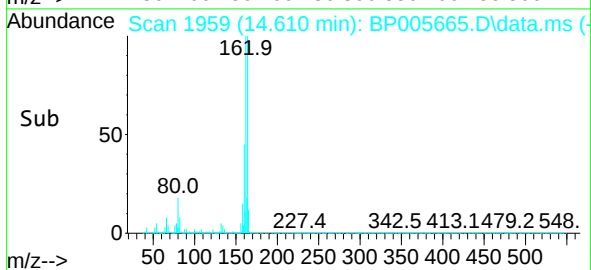
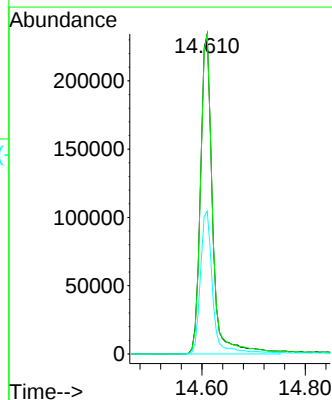
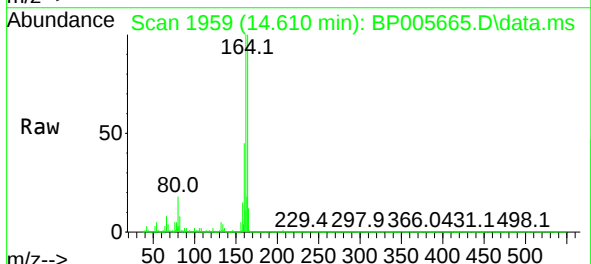
Instrument :
BNA_P
ClientSampleId :
PB136774BL

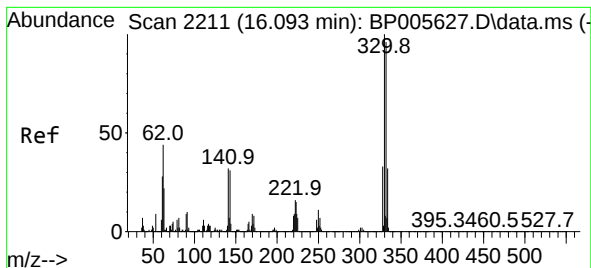
Tgt Ion:122 Resp: 38
Ion Ratio Lower Upper
122 100
105 602.9 105.1 145.1#
77 768.6 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:164 Resp: 380720
Ion Ratio Lower Upper
164 100
162 99.9 73.5 110.3
160 44.7 40.6 61.0

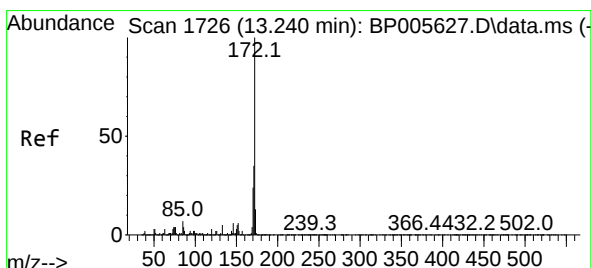
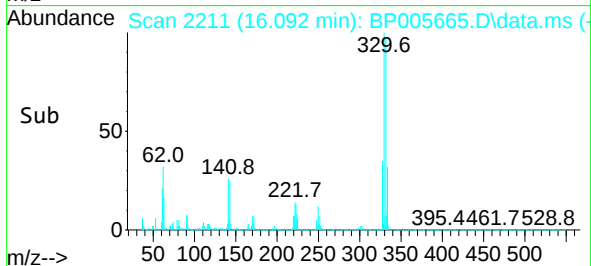
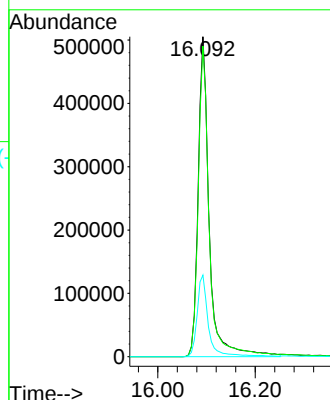
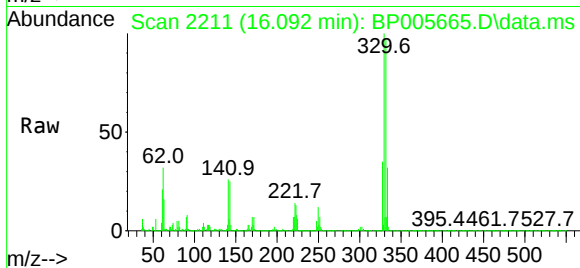




#42
2,4,6-Tribromophenol
Concen: 164.34 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

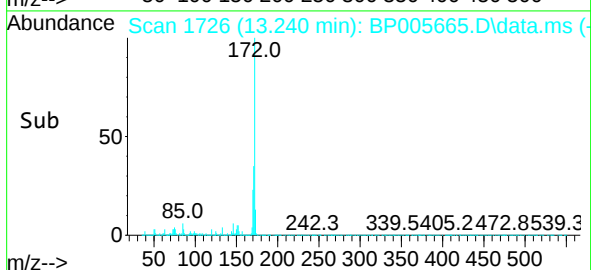
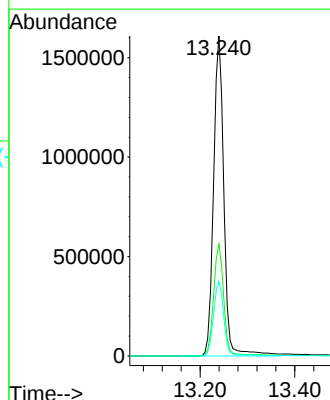
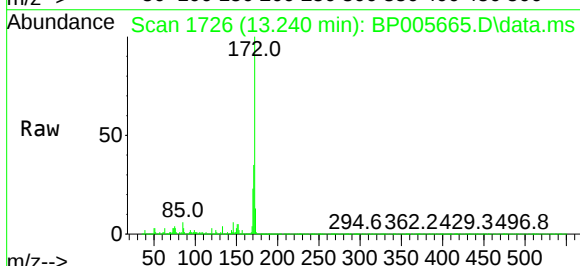
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BNA_P
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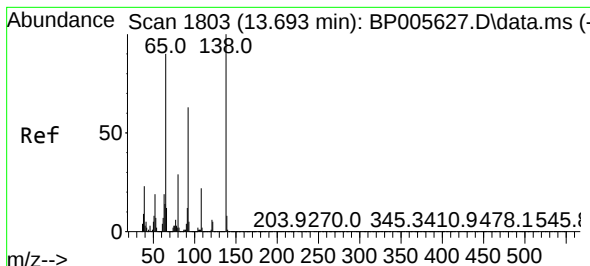
Tgt Ion: 330 Resp: 802321
Ion Ratio Lower Upper
330 100
332 99.1 76.3 114.5
141 26.0 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 84.84 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion: 172 Resp: 2440622
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 19.6 29.4

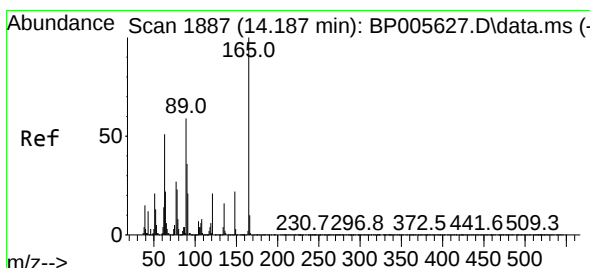
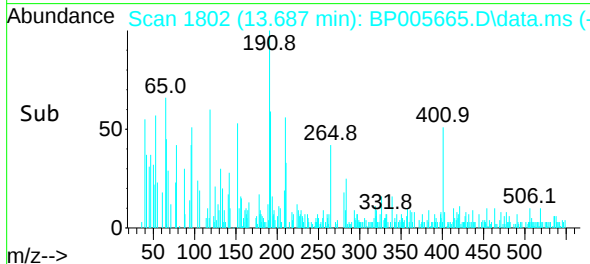
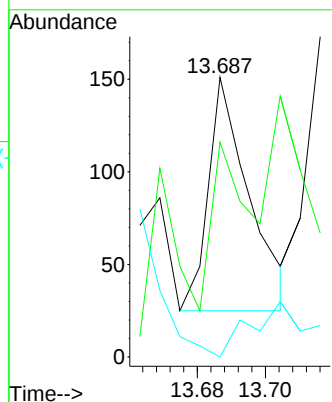
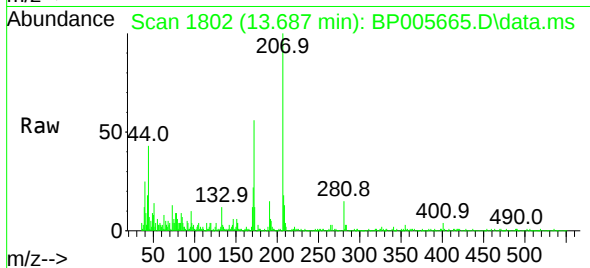




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

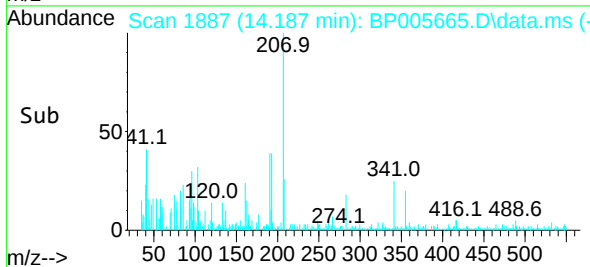
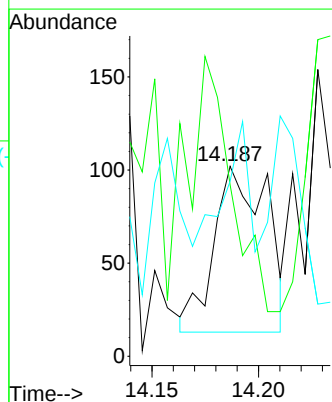
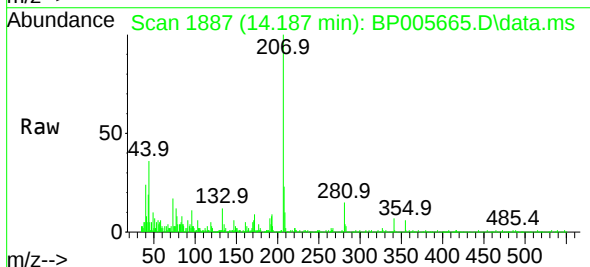
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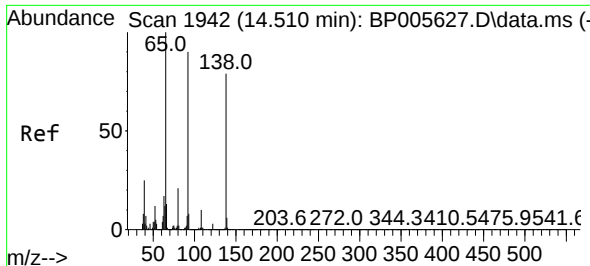
Tgt Ion: 65 Resp: 104
Ion Ratio Lower Upper
65 100
92 45.5 48.8 73.2#
138 0.0 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.187 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion: 165 Resp: 154
Ion Ratio Lower Upper
165 100
63 90.2 67.4 101.0
89 92.2 73.8 110.6

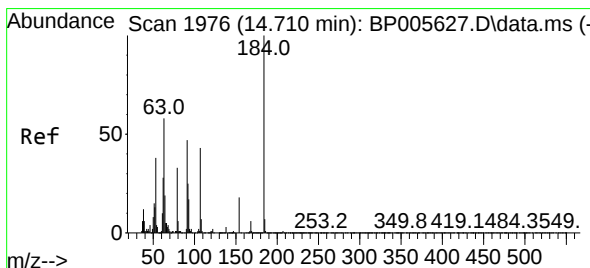
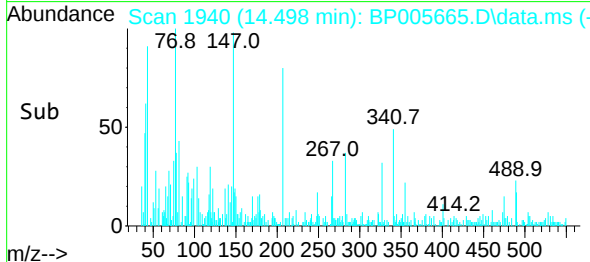
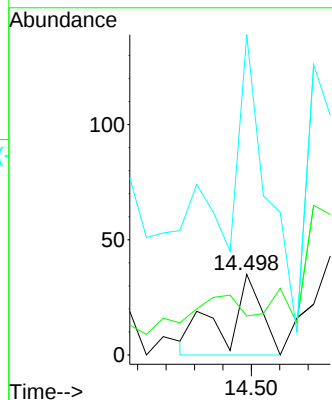
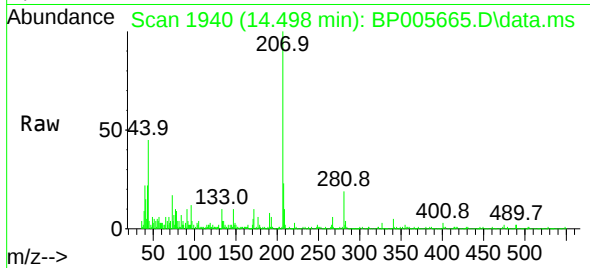




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

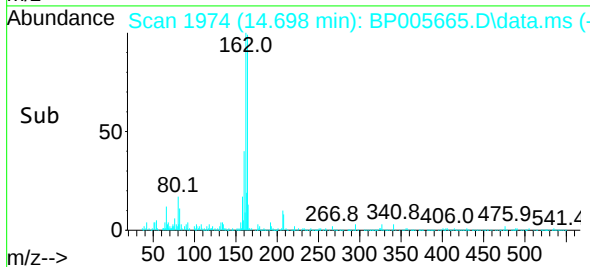
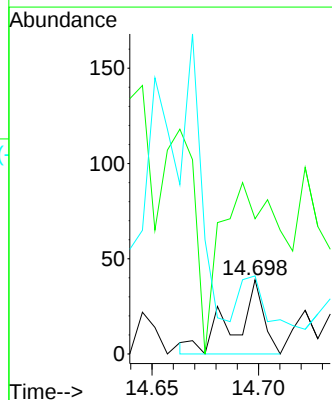
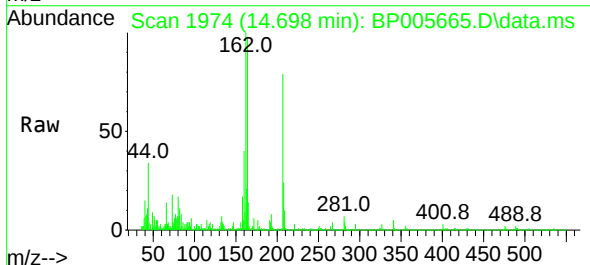
Instrument :
BNA_P
ClientSampleId :
PB136774BL

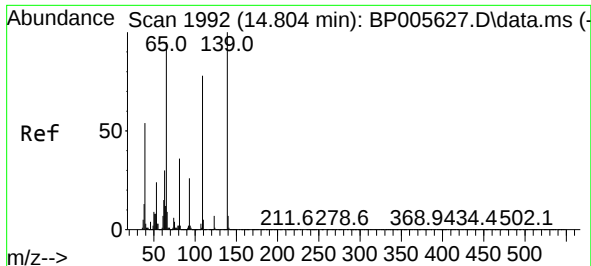
Tgt Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
108 48.6 10.2 15.4#
92 397.1 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 182.1 51.2 76.8#
154 105.1 55.8 83.8#

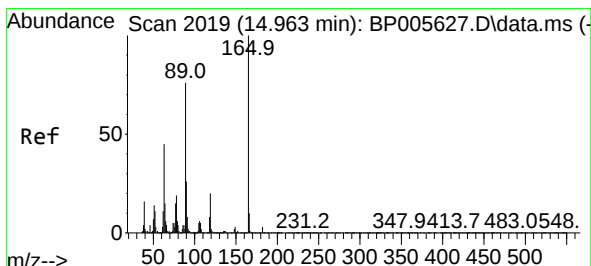
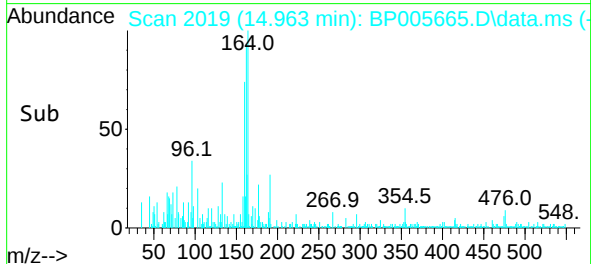
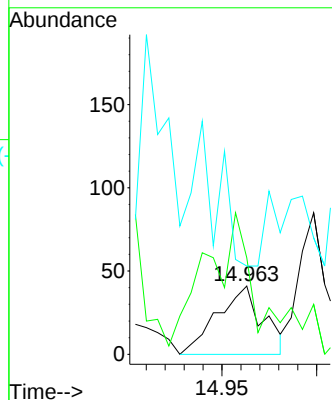
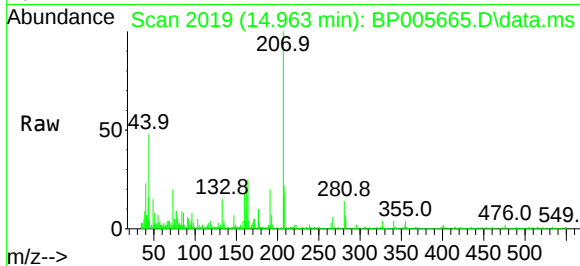




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.159 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

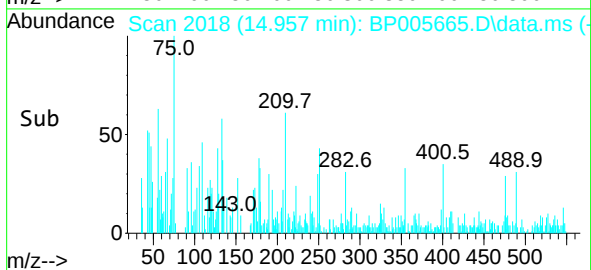
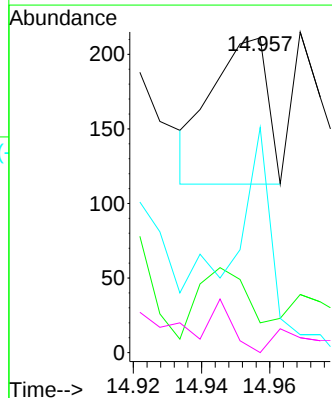
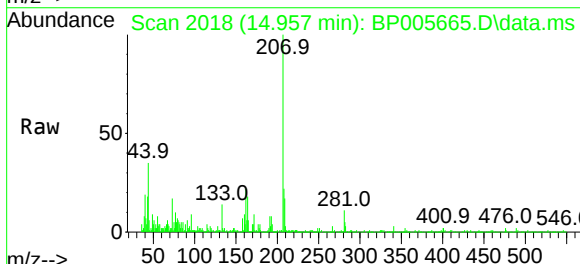
Instrument :
BNA_P
ClientSampleId :
PB136774BL

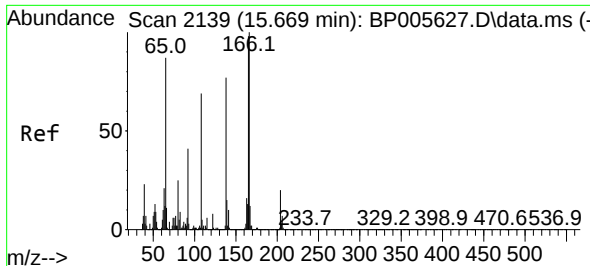
Tgt Ion:	139	Resp:	69
Ion	Ratio	Lower	Upper
139	100		
109	141.5	122.8	162.8
65	129.3	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:	165	Resp:	111
Ion	Ratio	Lower	Upper
165	100		
63	9.5	56.7	85.1#
89	76.3	85.8	128.6#
182	5.7	3.0	4.6#

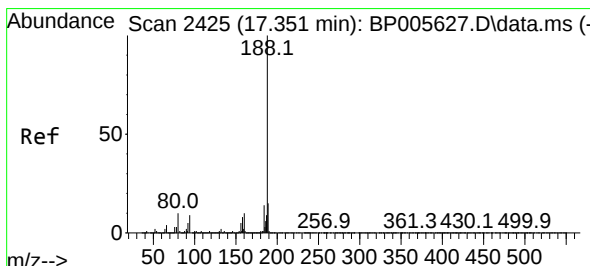
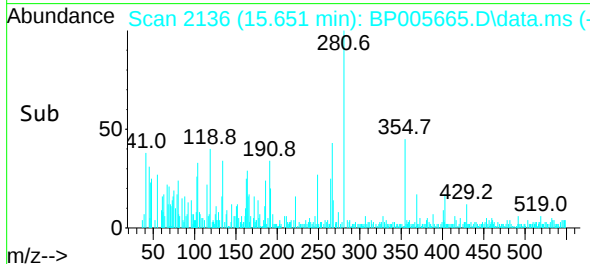
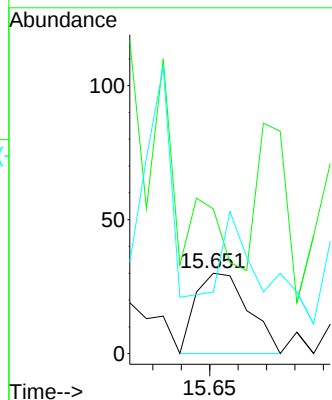
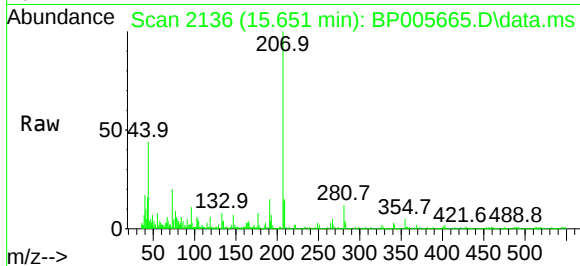




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

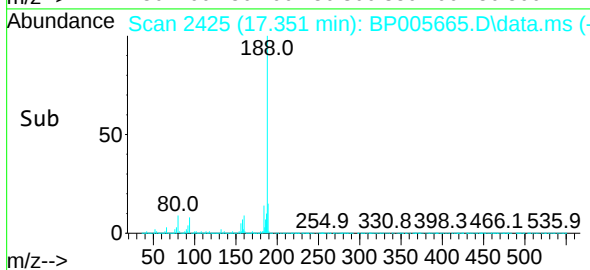
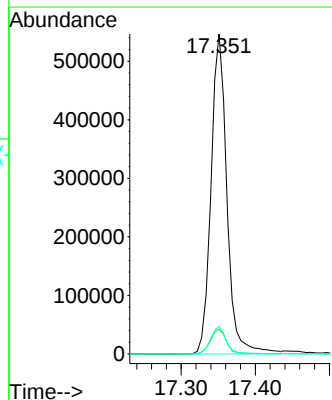
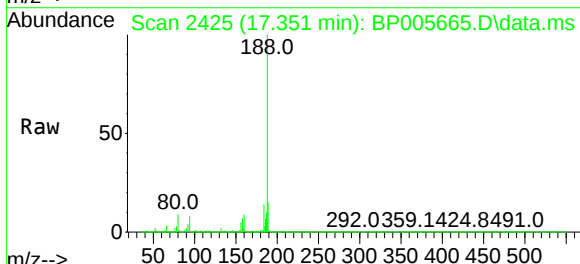
Instrument :
BNA_P
ClientSampleId :
PB136774BL

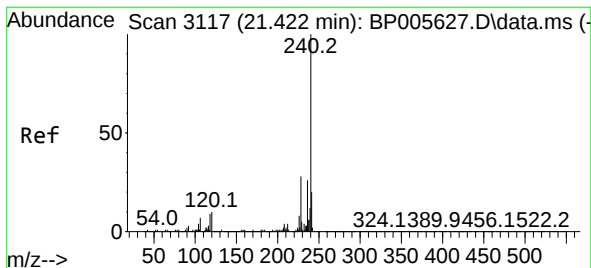
Tgt Ion:138 Resp: 39
Ion Ratio Lower Upper
138 100
92 180.0 50.9 90.9#
108 76.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:188 Resp: 812306
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.6 5.9 8.9





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP005665.D

Acq: 02 Jun 2021 14:55

Tgt Ion:240 Resp: 882913

Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

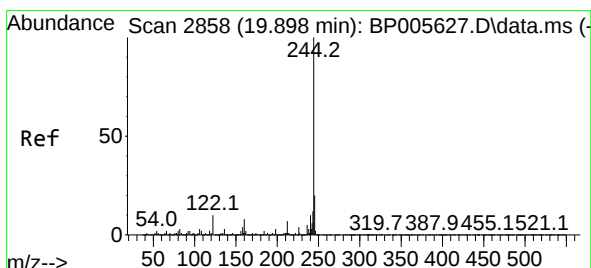
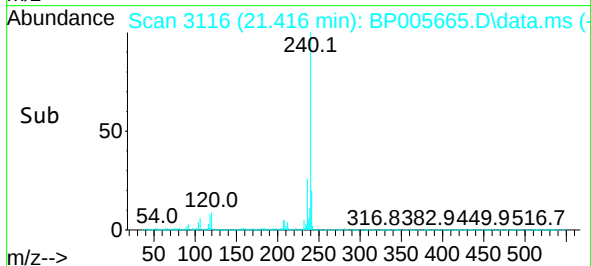
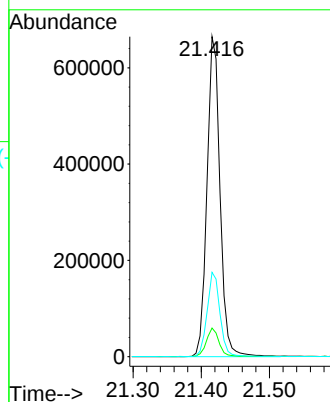
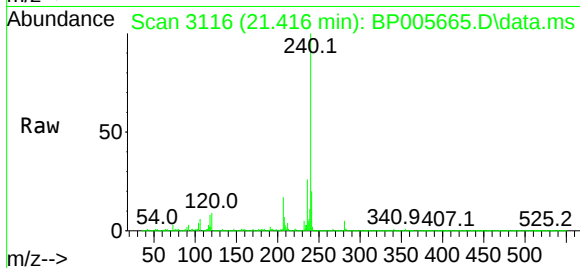
236 26.4 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

PB136774BL



#79

Terphenyl-d14

Concen: 88.65 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005665.D

Acq: 02 Jun 2021 14:55

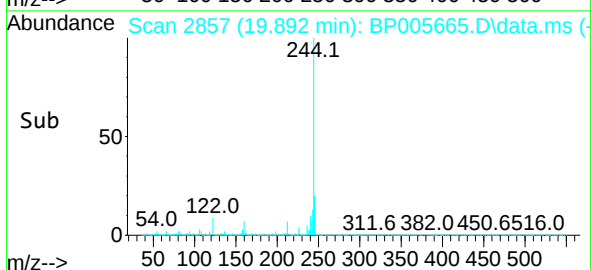
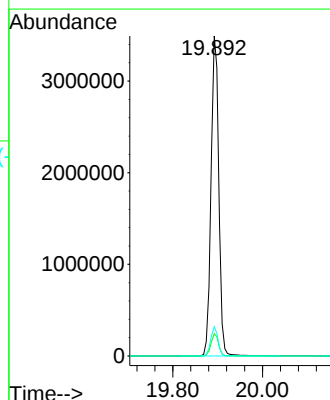
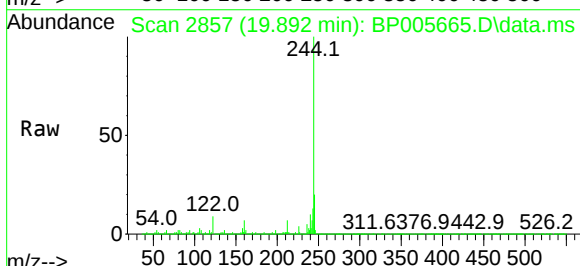
Tgt Ion:244 Resp: 4171150

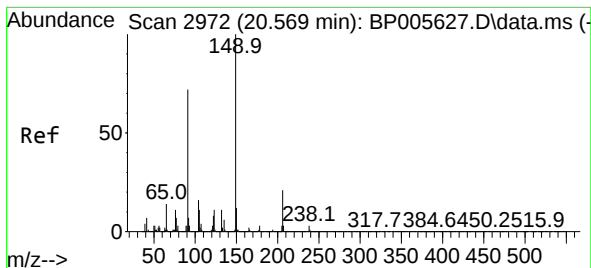
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.1 5.2 7.8#

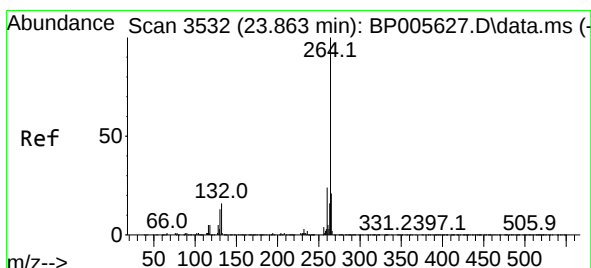
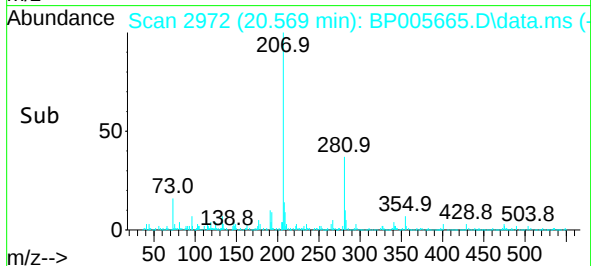
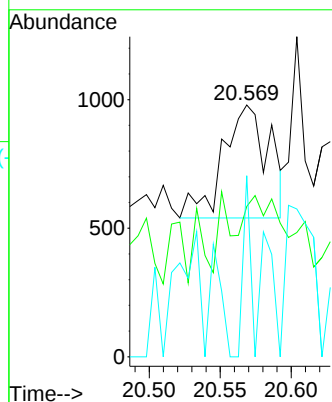
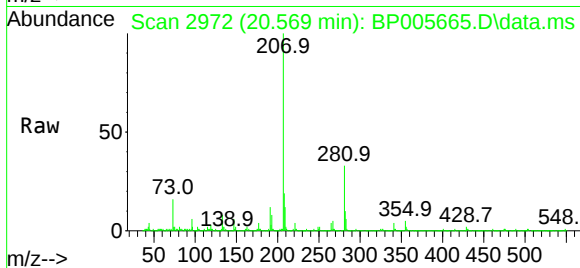




#80
Butylbenzylphthalate
Concen: 4.17 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Instrument :
BNA_P
ClientSampleId :
PB136774BL

Tgt Ion:149 Resp: 986
Ion Ratio Lower Upper
149 100
91 59.8 60.2 90.4#
206 71.9 23.9 35.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005665.D
Acq: 02 Jun 2021 14:55

Tgt Ion:264 Resp: 1026448
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 22.5 19.0 28.6

