

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
 Data File : BP005654.D
 Acq On : 01 Jun 2021 13:01
 Operator : CG/JU
 Sample : PB136714BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136714BL

Quant Time: Jun 01 13:58:40 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)

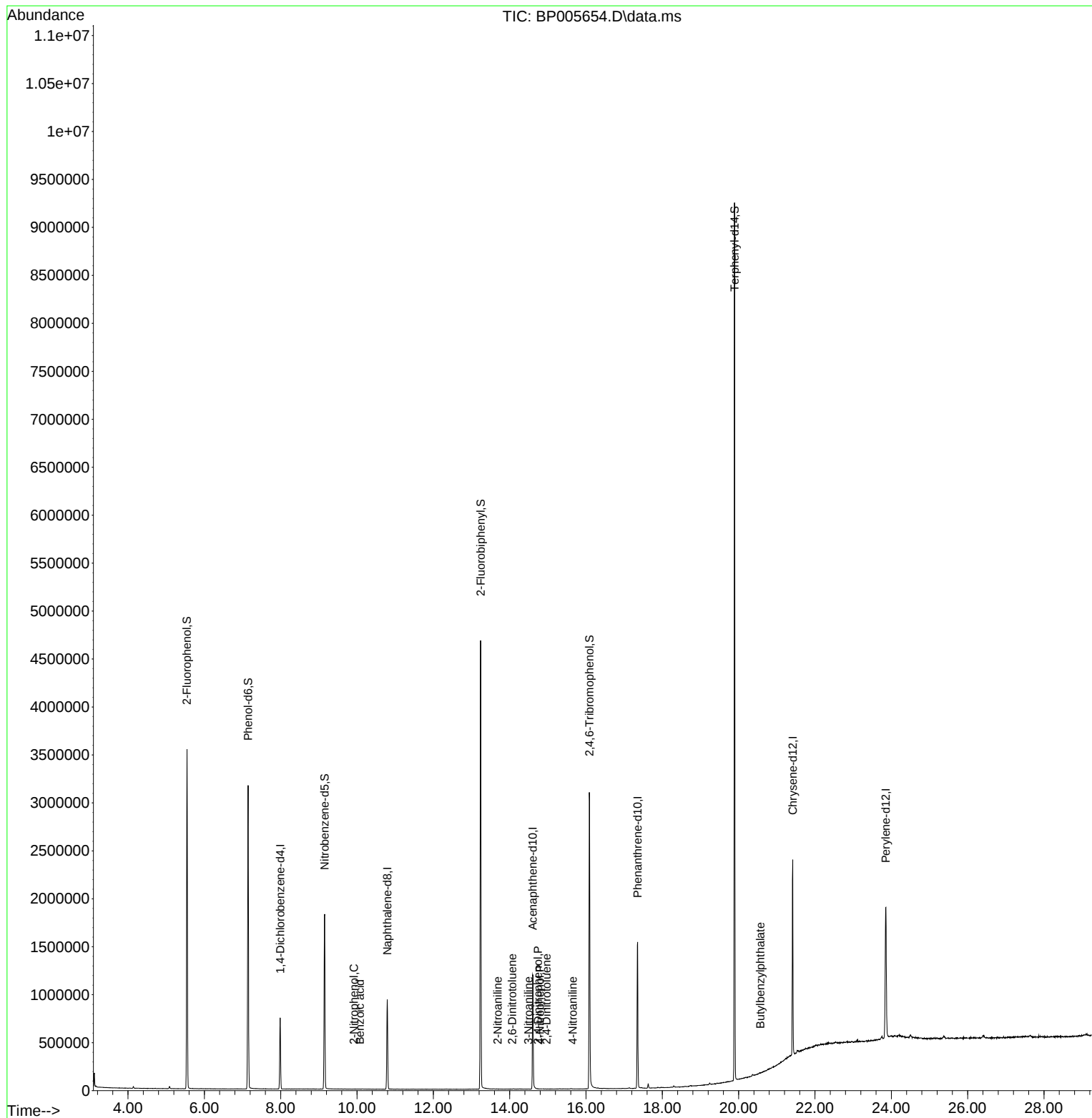
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	194048	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	748388	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	433950	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	912091	20.00	ng	# 0.00
76) Chrysene-d12	21.415	240	975791	20.00	ng	# 0.00
86) Perylene-d12	23.856	264	1087672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1453909	116.49	ng	0.00
7) Phenol-d6	7.146	99	1726588	101.48	ng	0.00
23) Nitrobenzene-d5	9.151	82	1056098	78.48	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	638362	114.72	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2329034	71.03	ng	0.00
79) Terphenyl-d14	19.892	244	3808845	73.24	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.922	139	38	4.16	ng	# 1
32) Benzoic acid	10.075	122	48	5.02	ng	# 1
48) 2-Nitroaniline	13.686	65	99	4.50	ng	# 32
51) 2,6-Dinitrotoluene	14.069	165	85	5.07	ng	91
53) 3-Nitroaniline	14.492	138	7	3.65	ng	# 1
54) 2,4-Dinitrophenol	14.739	184	17	6.53	ng	90
56) 4-Nitrophenol	14.792	139	43	3.75	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	136	4.27	ng	# 63
62) 4-Nitroaniline	15.657	138	39	3.63	ng	# 1
80) Butylbenzylphthalate	20.568	149	741	4.15	ng	86

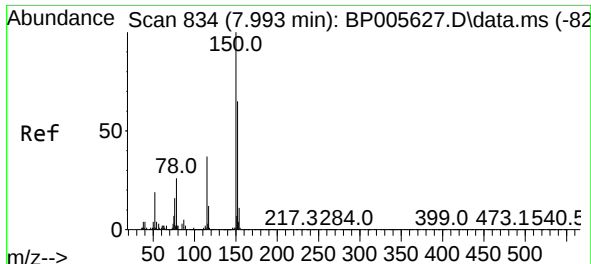
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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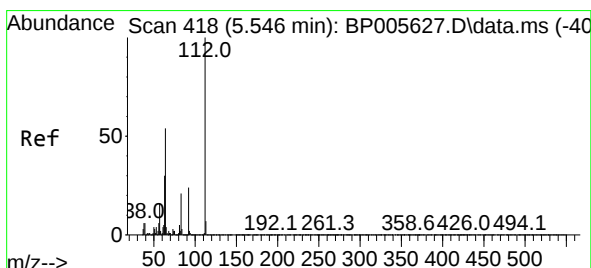
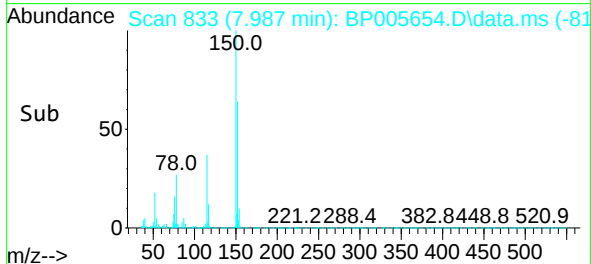
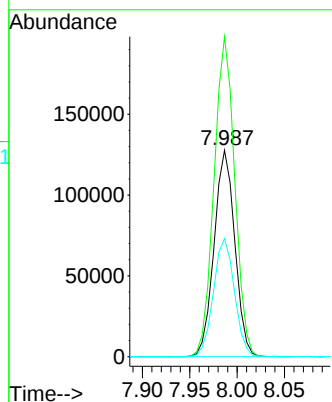
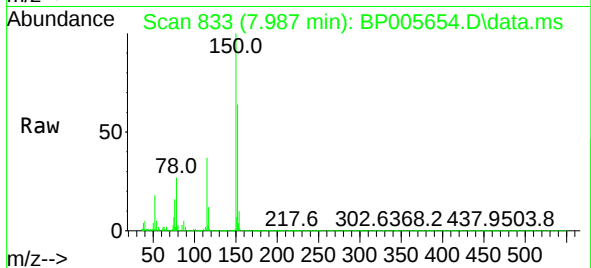




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

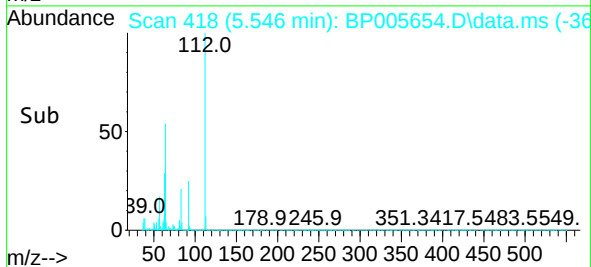
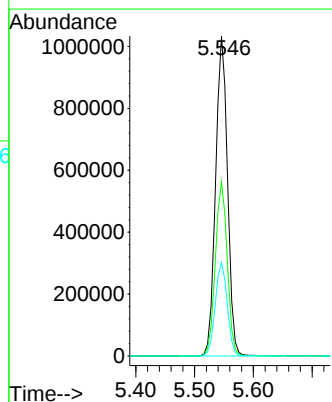
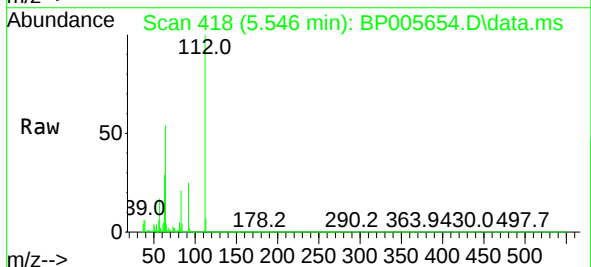
Instrument :
BNA_P
ClientSampleId :
PB136714BL

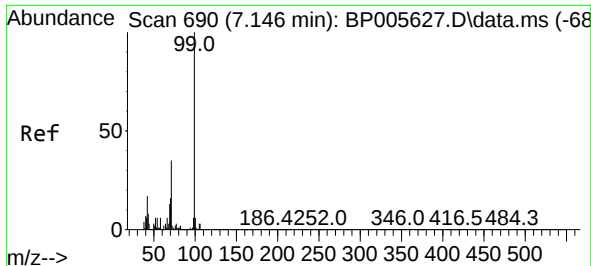
Tgt Ion:152 Resp: 194048
Ion Ratio Lower Upper
152 100
150 155.1 119.8 179.8
115 57.2 49.0 73.4



#5
2-Fluorophenol
Concen: 116.49 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:112 Resp: 1453909
Ion Ratio Lower Upper
112 100
64 54.5 33.6 50.4#
63 29.3 18.6 27.8#



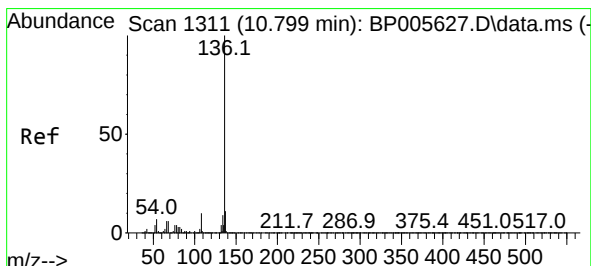
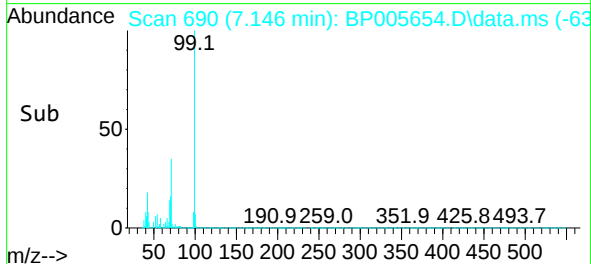
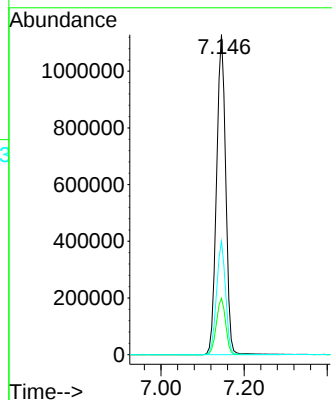
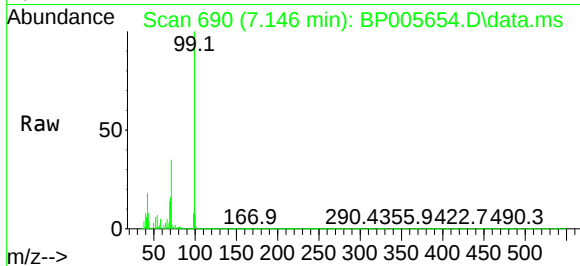


#7
Phenol-d6
Concen: 101.48 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Instrument :
BNA_P
ClientSampleId :
PB136714BL

Tgt Ion: 99 Resp: 1726588

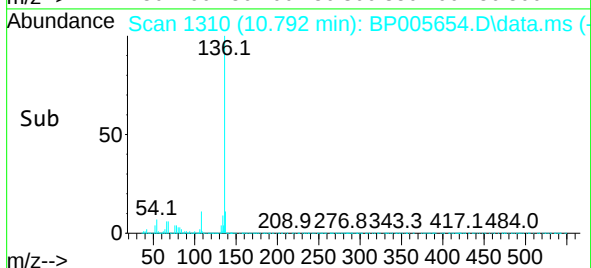
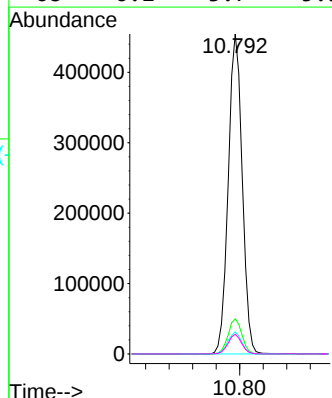
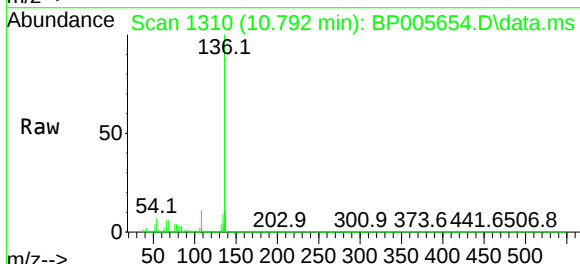
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	35.5	26.7	40.1

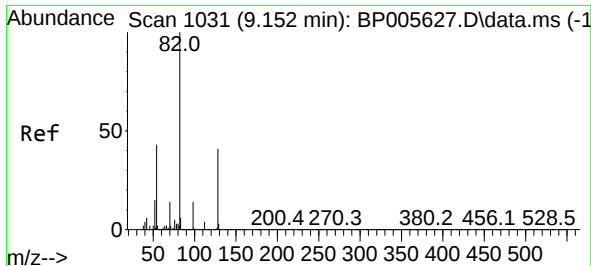


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.007 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:136 Resp: 748388

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	5.0	7.4
68	6.2	3.7	5.5



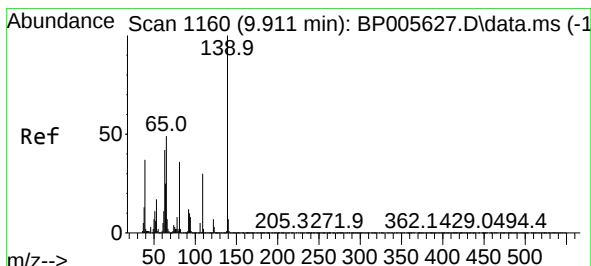
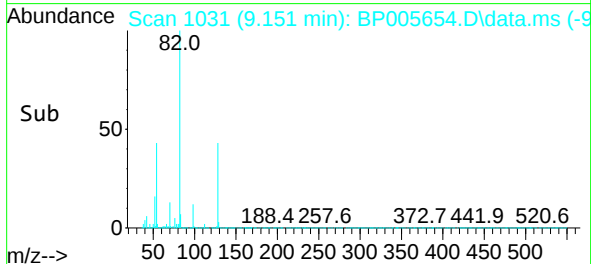
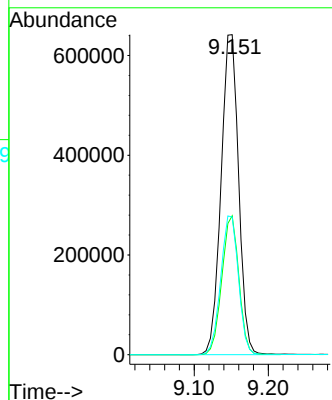
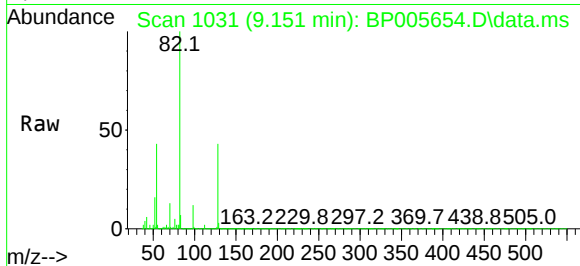


#23
Nitrobenzene-d5
Concen: 78.48 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Instrument :
BNA_P
ClientSampleId :
PB136714BL

Tgt Ion: 82 Resp: 1056098

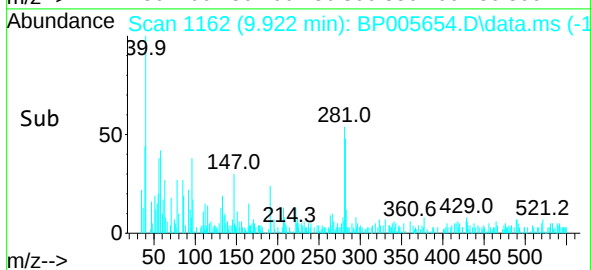
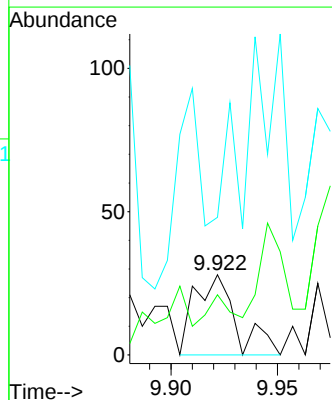
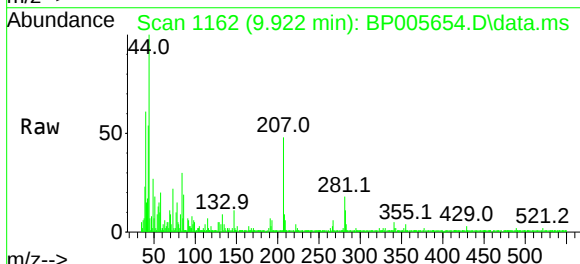
Ion	Ratio	Lower	Upper
82	100		
128	43.4	30.5	45.7
54	43.0	33.9	50.9

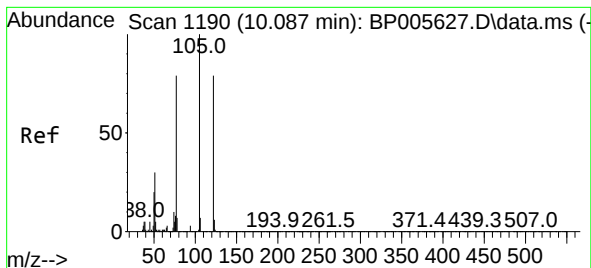


#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.011 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion: 139 Resp: 38

Ion	Ratio	Lower	Upper
139	100		
109	196.4	40.7	61.1#
65	171.4	47.8	71.6#

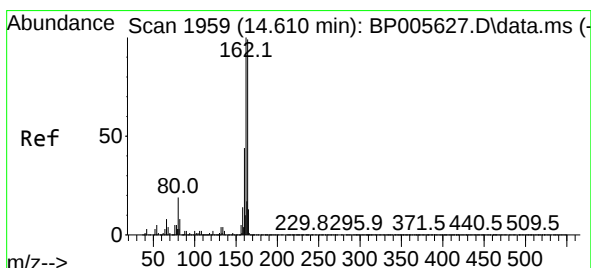
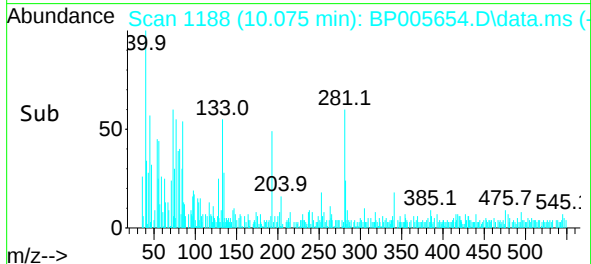
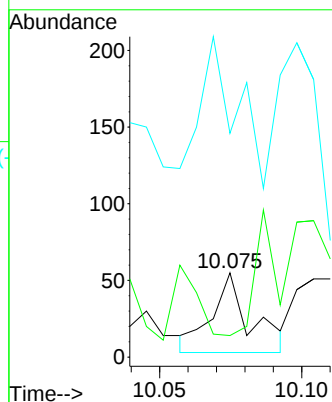
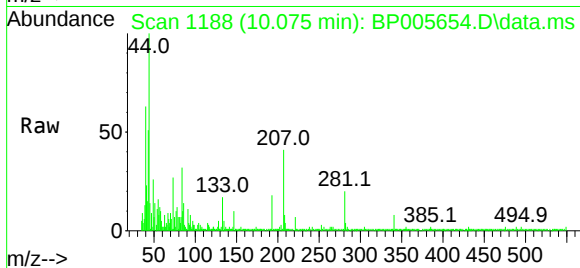




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

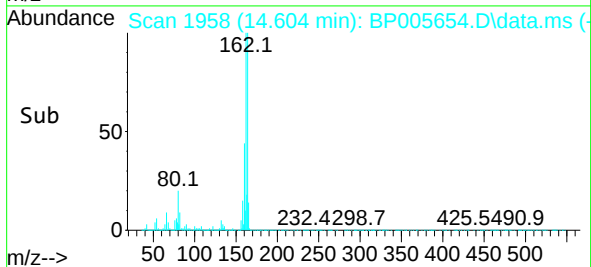
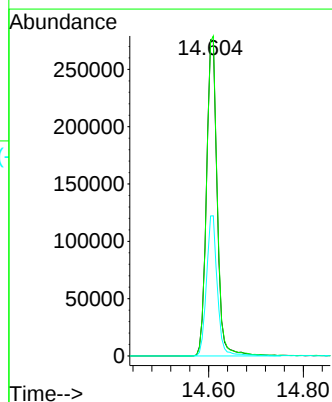
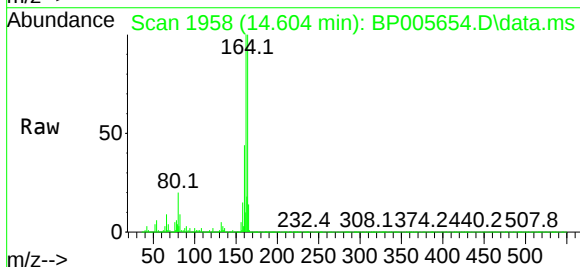
Instrument :
BNA_P
ClientSampleId :
PB136714BL

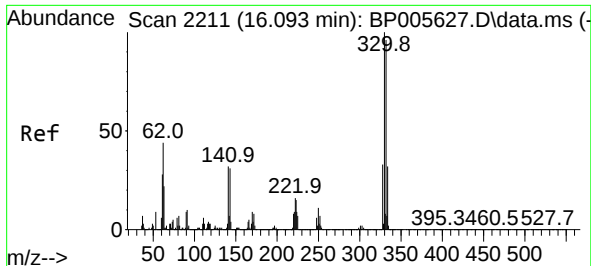
Tgt Ion:122 Resp: 48
Ion Ratio Lower Upper
122 100
105 25.5 105.1 145.1#
77 265.5 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:164 Resp: 433950
Ion Ratio Lower Upper
164 100
162 99.5 73.5 110.3
160 44.3 40.6 61.0

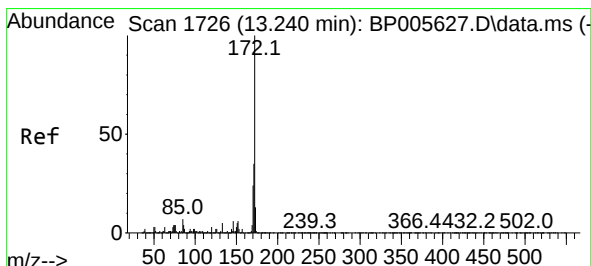
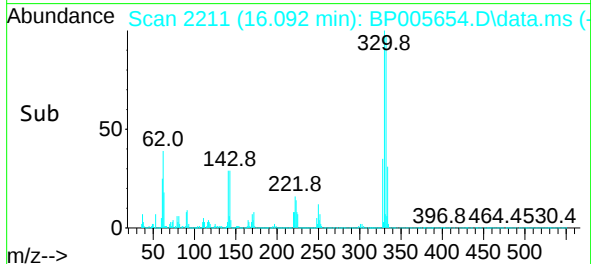
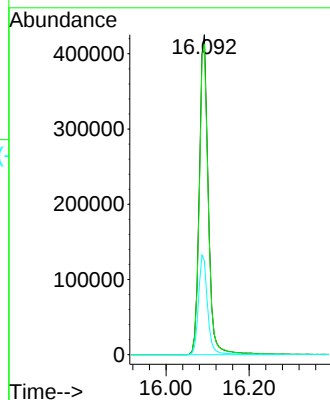
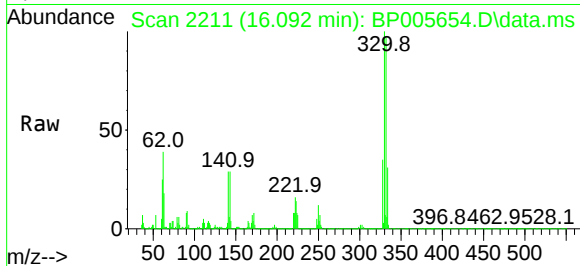




#42
2,4,6-Tribromophenol
Concen: 114.72 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

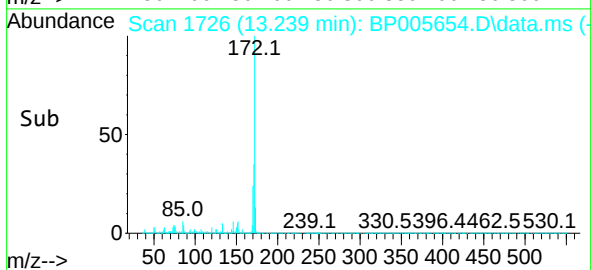
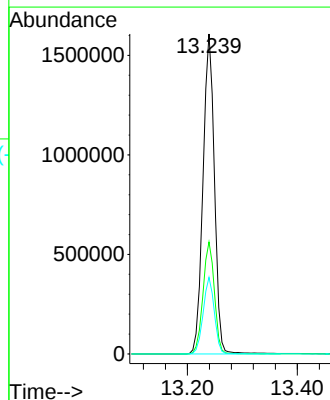
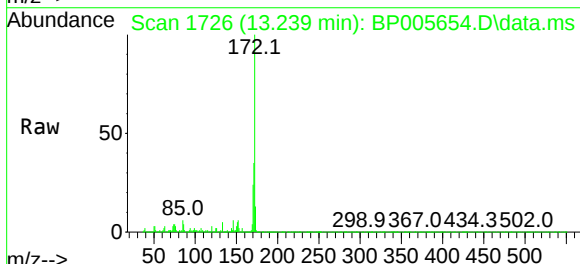
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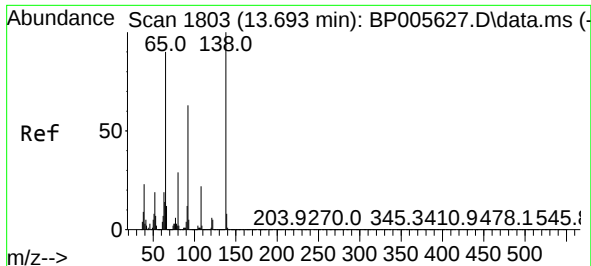
Tgt Ion:330 Resp: 638362
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 31.4 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 71.03 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:172 Resp: 2329034
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.0 19.6 29.4

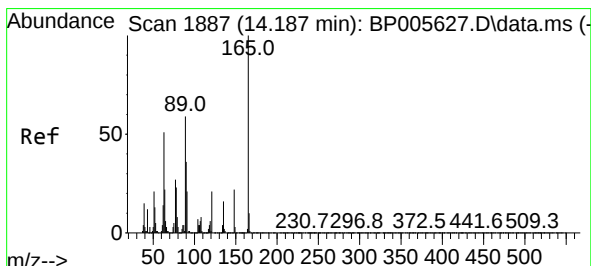
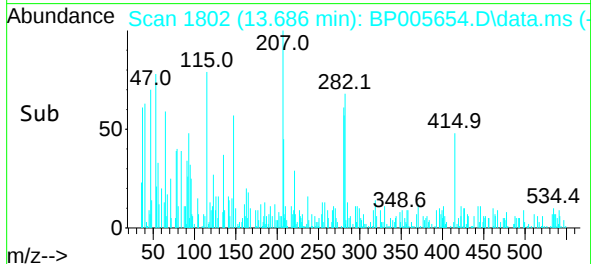
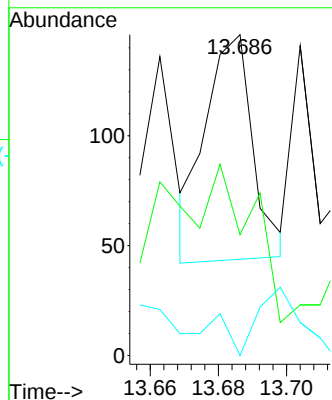
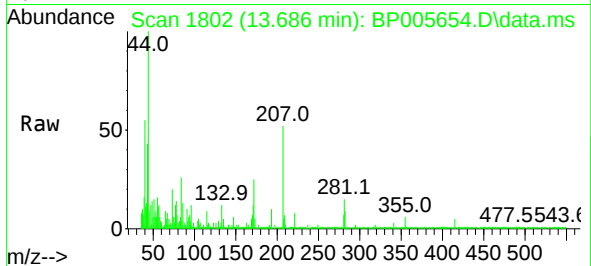




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.686 min Scan# 1802
Delta R.T. -0.007 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

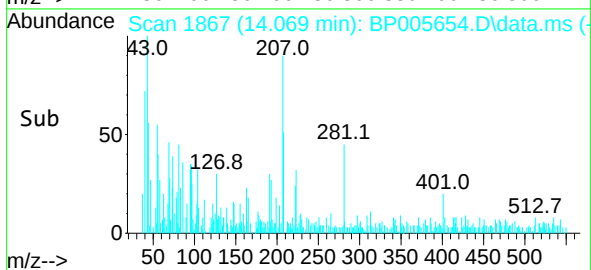
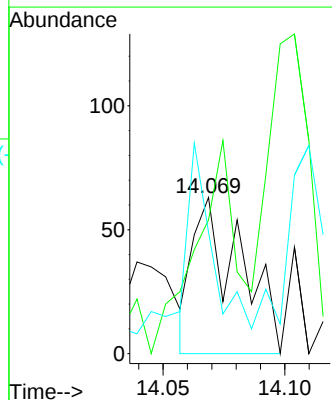
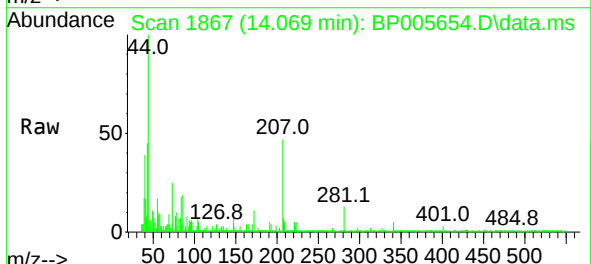
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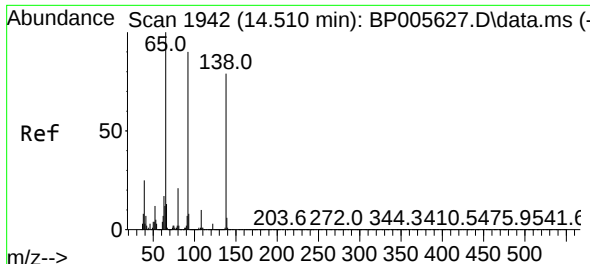
Tgt Ion: 65 Resp: 99
Ion Ratio Lower Upper
65 100
92 37.7 48.8 73.2#
138 0.0 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.118 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion: 165 Resp: 85
Ion Ratio Lower Upper
165 100
63 85.7 67.4 101.0
89 77.8 73.8 110.6

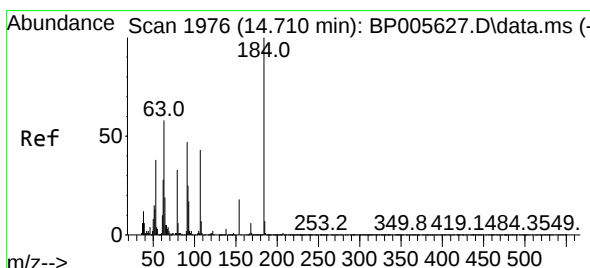
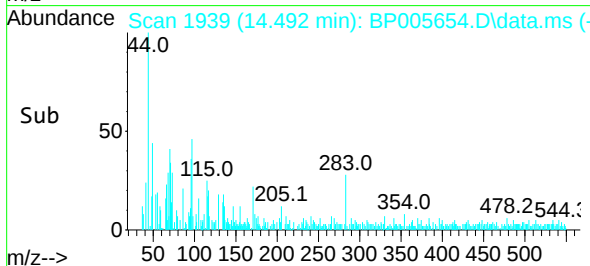
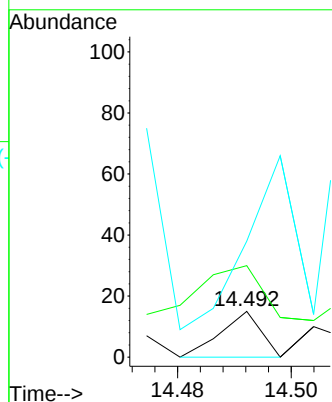
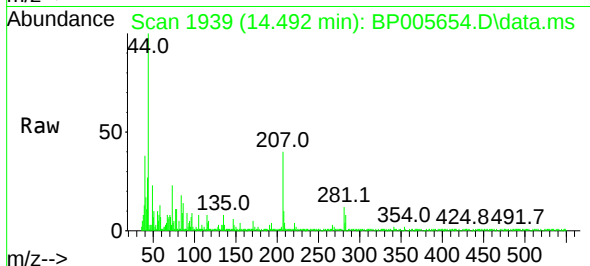




#53
3-Nitroaniline
Concen: 3.65 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

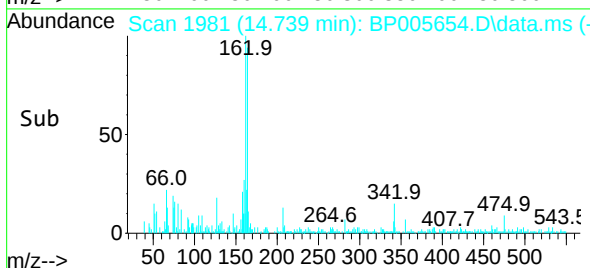
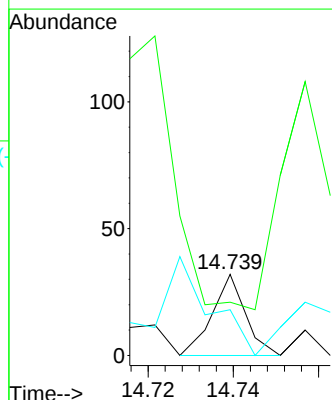
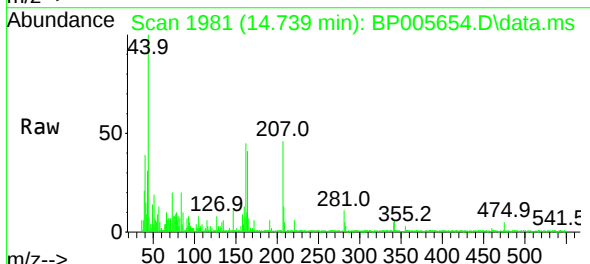
Instrument :
BNA_P
ClientSampleId :
PB136714BL

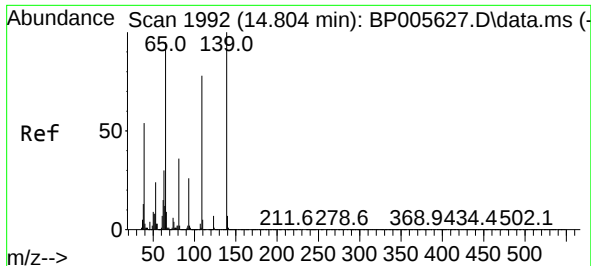
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
108 200.0 10.2 15.4#
92 253.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.739 min Scan# 1981
Delta R.T. 0.029 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 65.6 51.2 76.8
154 56.3 55.8 83.8

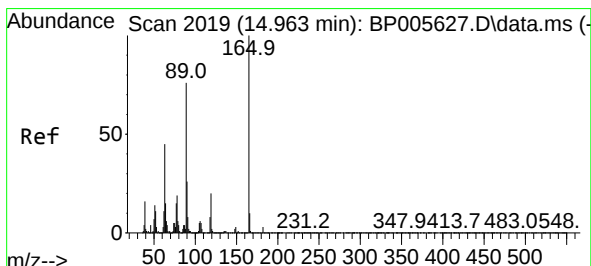
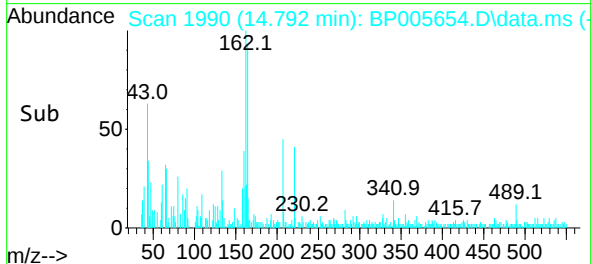
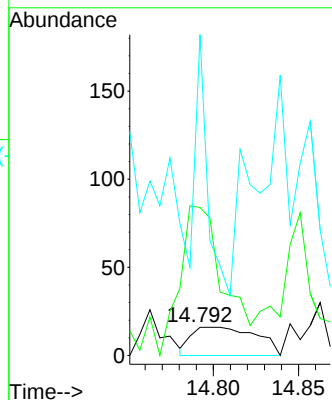
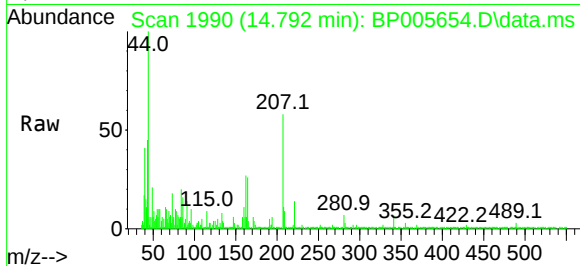




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

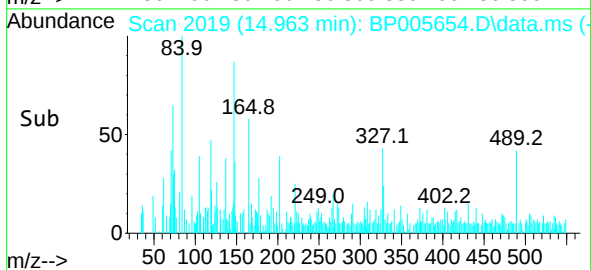
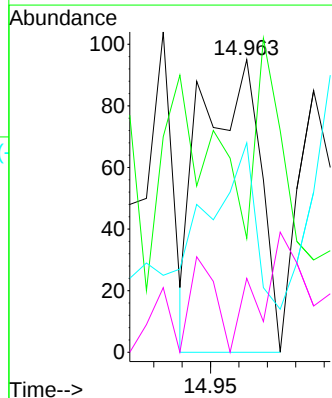
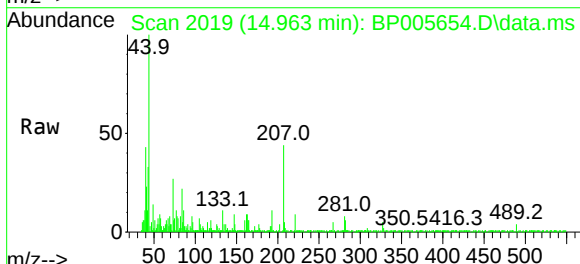
Instrument :
BNA_P
ClientSampleId :
PB136714BL

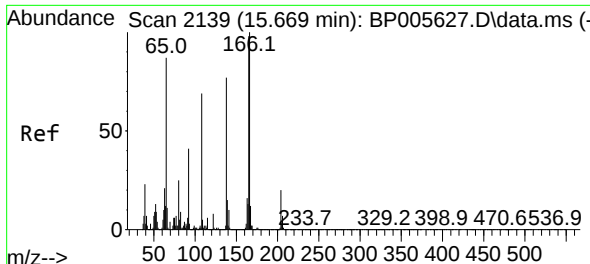
Tgt Ion:139 Resp: 43
Ion Ratio Lower Upper
139 100
109 525.0 122.8 162.8#
65 1137.5 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:165 Resp: 136
Ion Ratio Lower Upper
165 100
63 38.9 56.7 85.1#
89 71.6 85.8 128.6#
182 25.3 3.0 4.6#

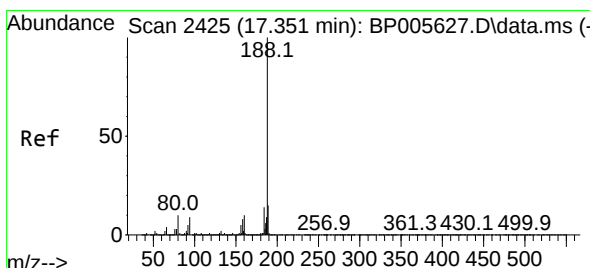
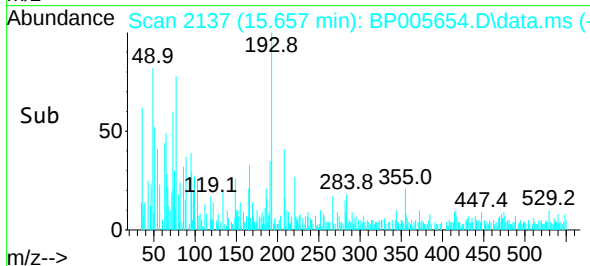
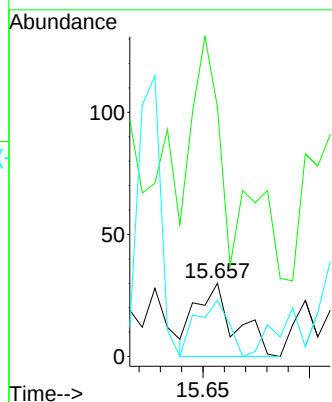
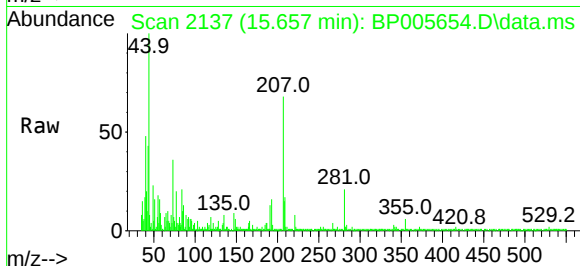




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

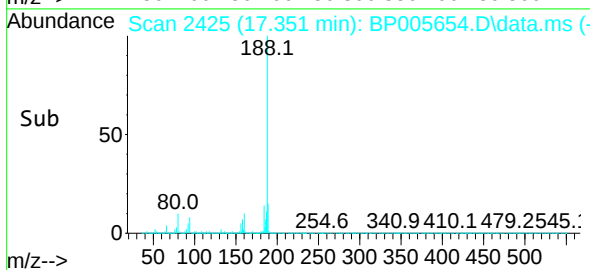
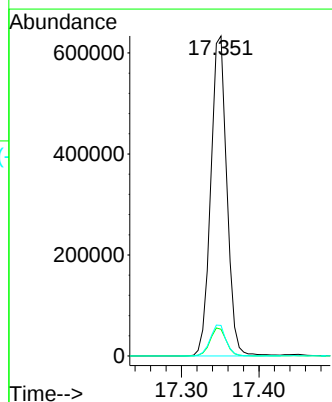
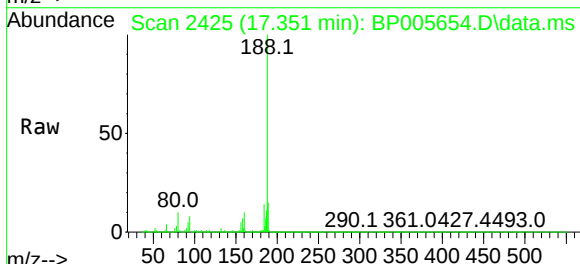
Instrument :
BNA_P
ClientSampleId :
PB136714BL

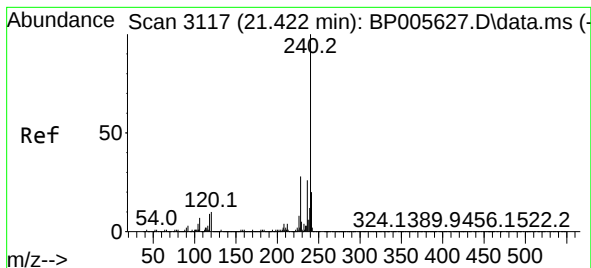
Tgt Ion:138 Resp: 39
Ion Ratio Lower Upper
138 100
92 340.0 50.9 90.9#
108 76.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:188 Resp: 912091
Ion Ratio Lower Upper
188 100
94 8.4 5.0 7.6#
80 9.5 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BP005654.D

Acq: 01 Jun 2021 13:01

Tgt Ion:240 Resp: 975791

Ion Ratio Lower Upper

240 100

120 9.5 4.2 6.2#

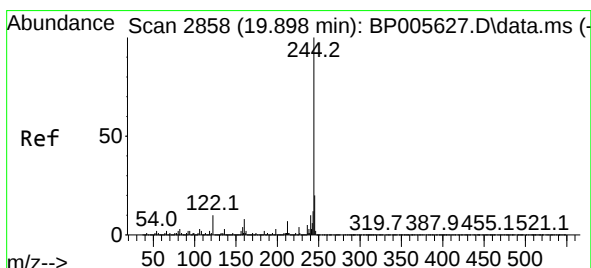
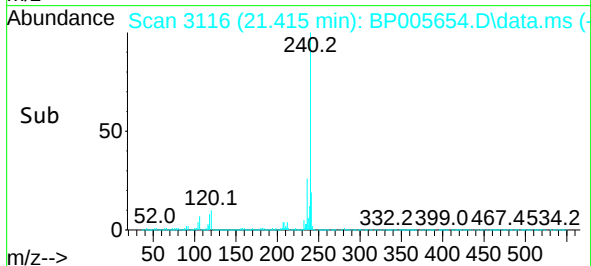
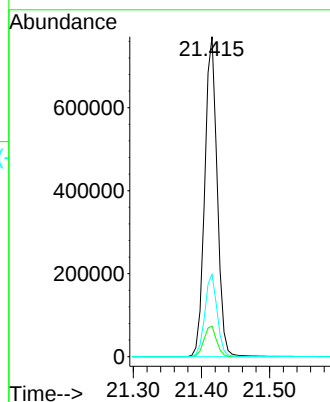
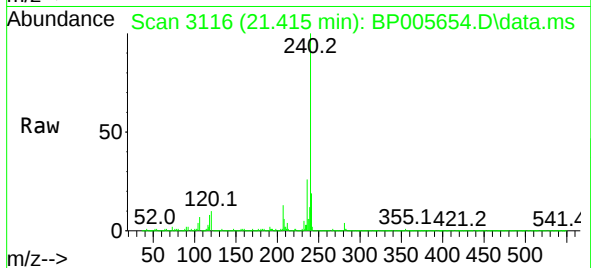
236 25.7 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

PB136714BL



#79

Terphenyl-d14

Concen: 73.24 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005654.D

Acq: 01 Jun 2021 13:01

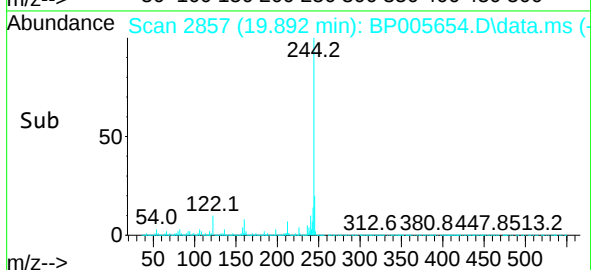
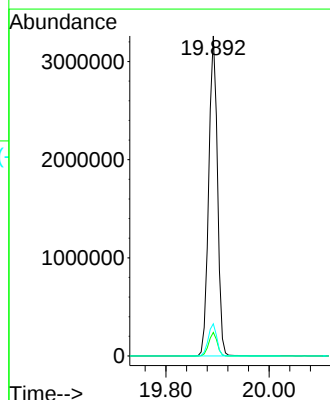
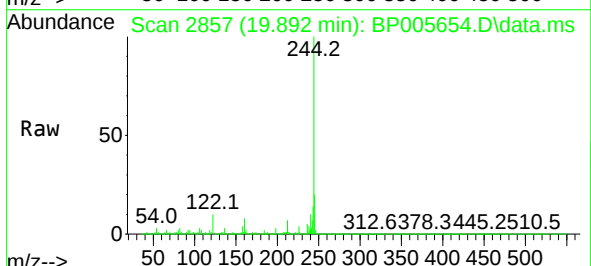
Tgt Ion:244 Resp: 3808845

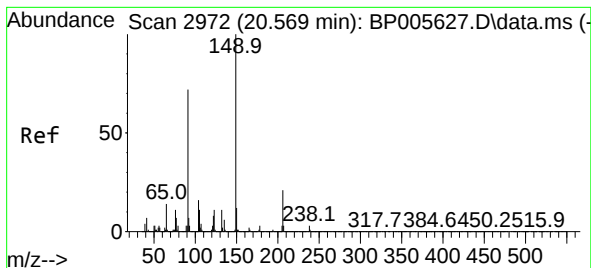
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.1 5.2 7.8#

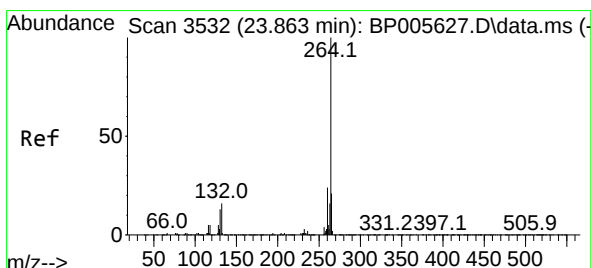
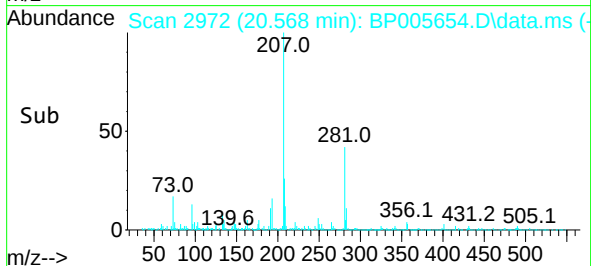
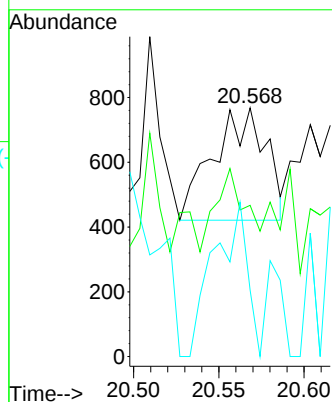
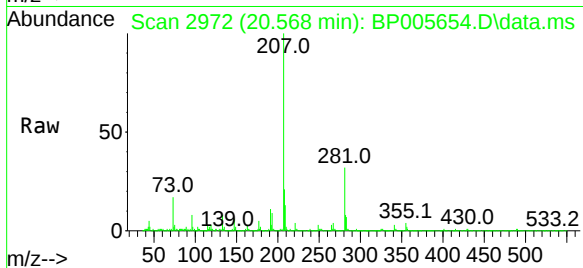




#80
Butylbenzylphthalate
Concen: 4.15 ng
RT: 20.568 min Scan# 2972
Delta R.T. -0.001 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Instrument :
BNA_P
ClientSampleId :
PB136714BL

Tgt Ion:	149	Resp:	741
Ion	Ratio	Lower	Upper
149	100		
91	60.8	60.2	90.4
206	26.7	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.856 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005654.D
Acq: 01 Jun 2021 13:01

Tgt Ion:	264	Resp:	1087672
Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.6	30.8
265	22.2	19.0	28.6

