

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005688.D
 Acq On : 03 Jun 2021 15:46
 Operator : CG/JU
 Sample : PB136799TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136799TB

Quant Time: Jun 03 16:56:18 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)

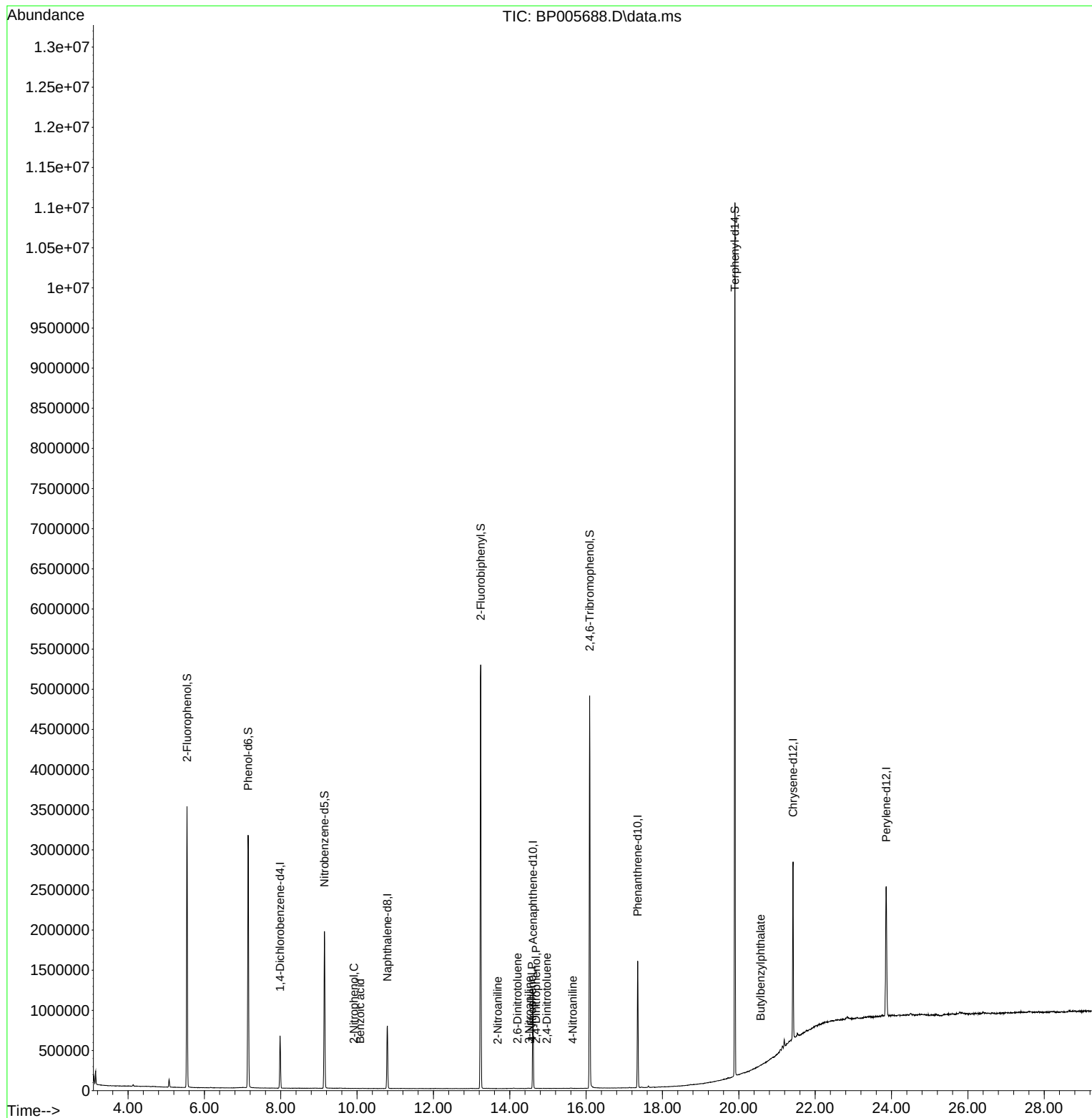
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	182870	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	672527	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	433450	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	945644	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1102798	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1293909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1508661	128.26	ng	0.00
7) Phenol-d6	7.146	99	1793420	111.85	ng	0.00
23) Nitrobenzene-d5	9.146	82	1121703	92.76	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1082909	194.83	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2774164	84.70	ng	0.00
79) Terphenyl-d14	19.898	244	5060194	86.10	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.916	139	22	4.16	ng	# 1
32) Benzoic acid	10.081	122	86	5.03	ng	# 1
48) 2-Nitroaniline	13.681	65	72	4.50	ng	# 48
51) 2,6-Dinitrotoluene	14.198	165	91	5.07	ng	# 27
53) 3-Nitroaniline	14.510	138	67	3.66	ng	# 9
54) 2,4-Dinitrophenol	14.693	184	47	6.54	ng	# 17
56) 4-Nitrophenol	14.581	139	100	3.76	ng	95
57) 2,4-Dinitrotoluene	14.969	165	427	4.30	ng	# 39
62) 4-Nitroaniline	15.651	138	38	3.63	ng	# 27
80) Butylbenzylphthalate	20.569	149	971	4.16	ng	# 78

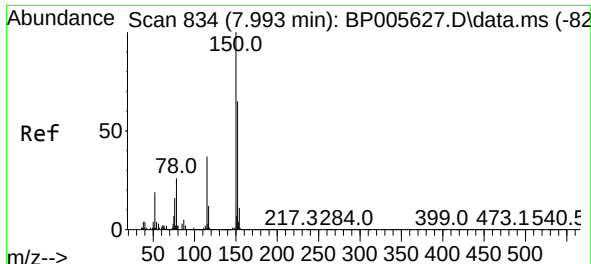
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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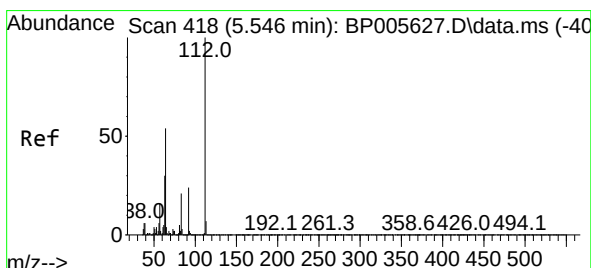
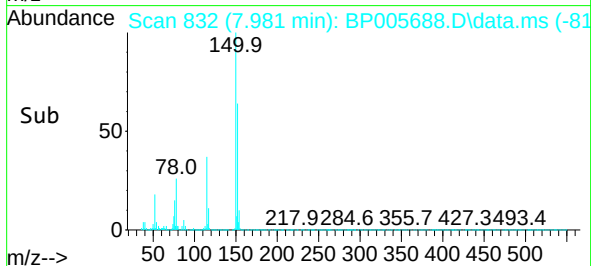
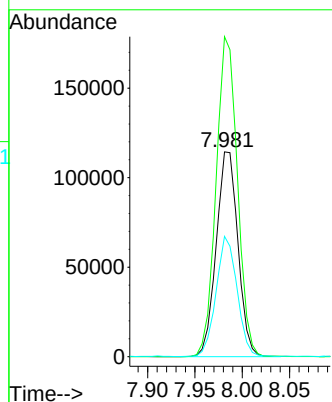
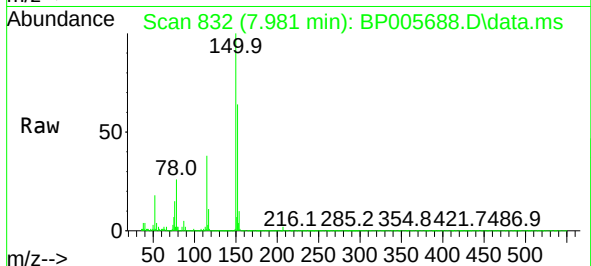




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

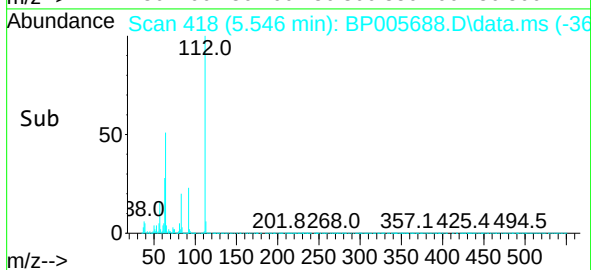
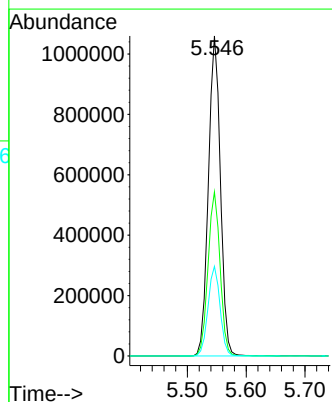
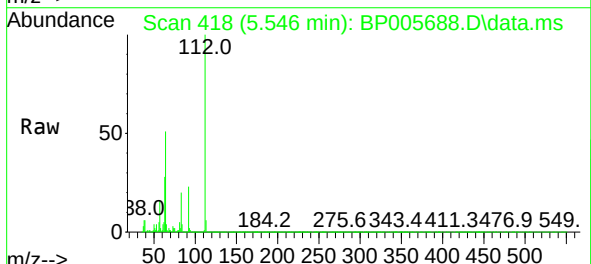
Instrument :
BNA_P
ClientSampleId :
PB136799TB

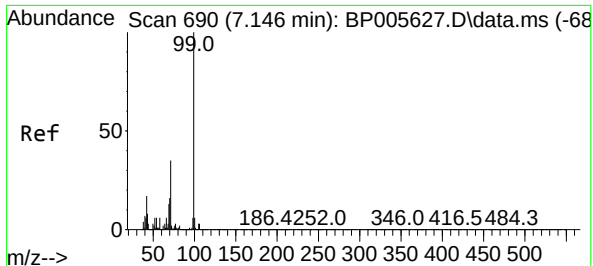
Tgt Ion:152 Resp: 182870
Ion Ratio Lower Upper
152 100
150 156.2 119.8 179.8
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 128.26 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:112 Resp: 1508661
Ion Ratio Lower Upper
112 100
64 51.3 33.6 50.4#
63 28.0 18.6 27.8#



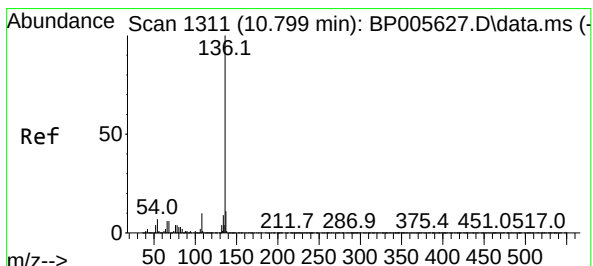
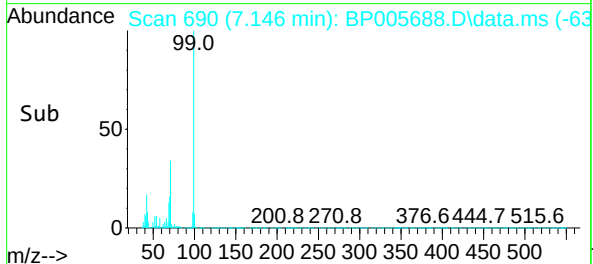
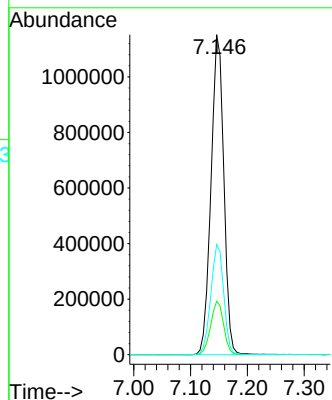
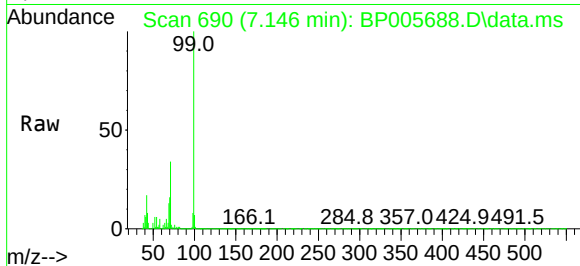


#7
Phenol-d6
Concen: 111.85 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Instrument :
BNA_P
ClientSampleId :
PB136799TB

Tgt Ion: 99 Resp: 1793420

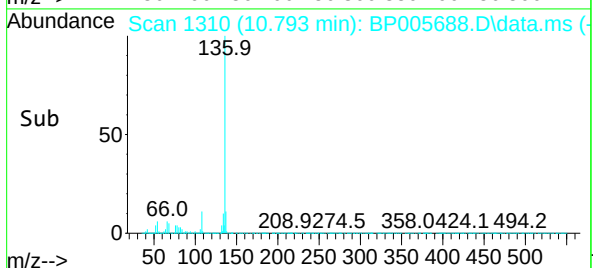
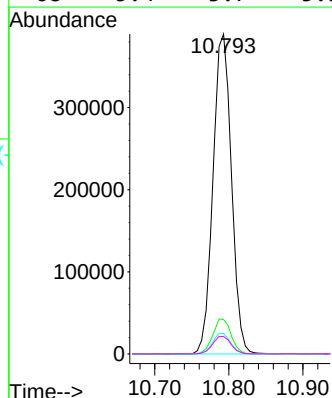
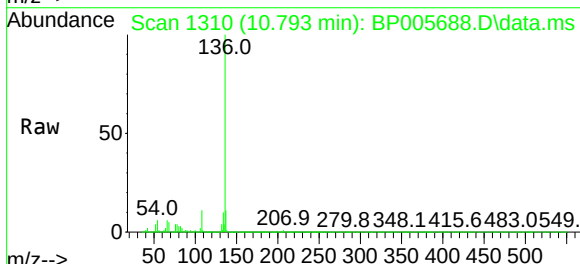
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.9	19.3
71	34.4	26.7	40.1

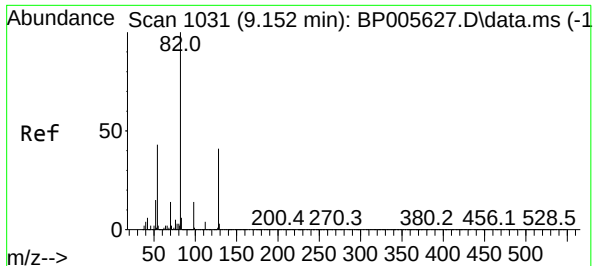


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:136 Resp: 672527

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	5.0	7.4
68	5.4	3.7	5.5

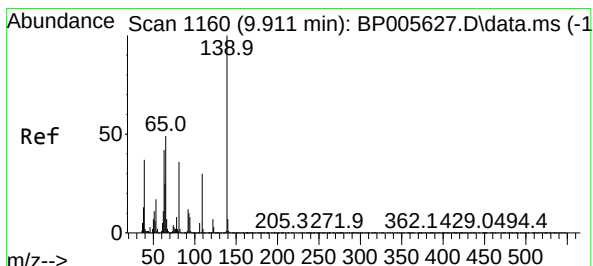
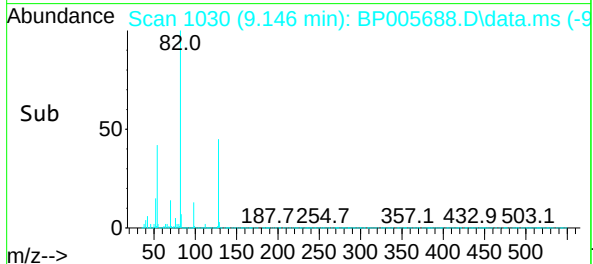
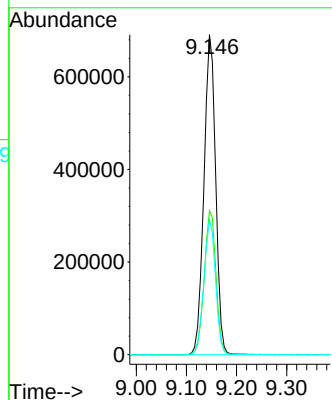
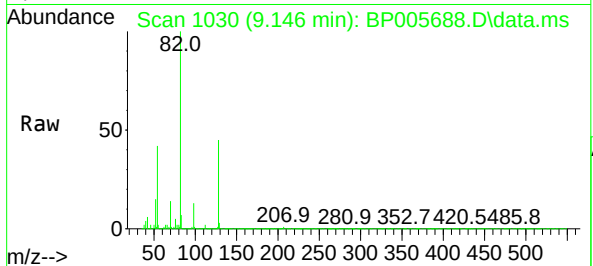




#23
Nitrobenzene-d5
Concen: 92.76 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

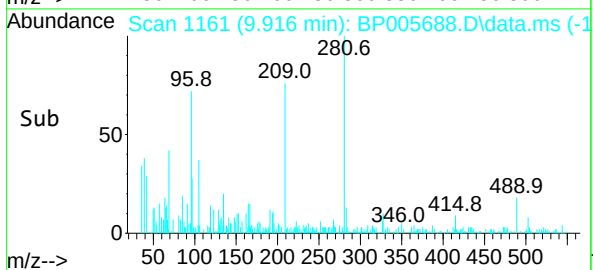
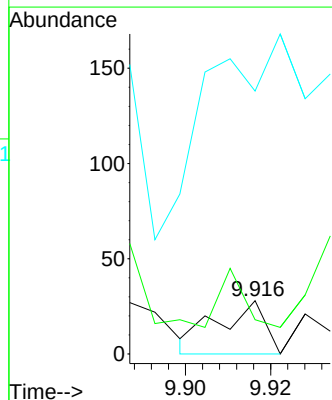
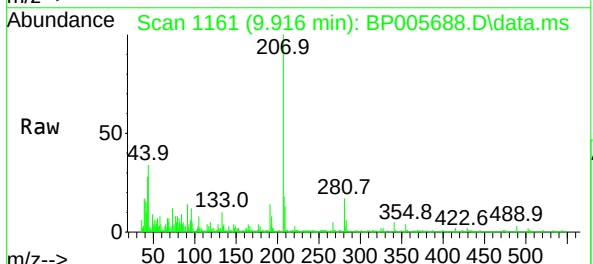
Instrument :
BNA_P
ClientSampleId :
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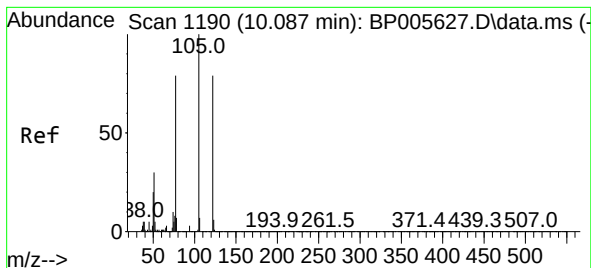
Tgt Ion: 82 Resp: 1121703
Ion Ratio Lower Upper
82 100
128 45.0 30.5 45.7
54 42.2 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.005 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 64.3 40.7 61.1#
65 492.9 47.8 71.6#

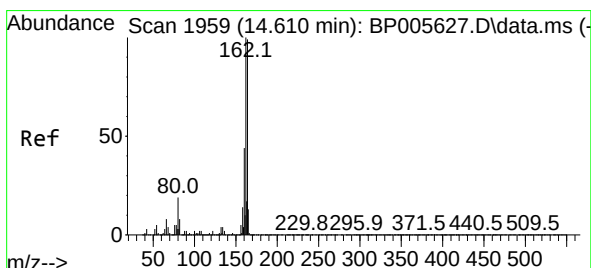
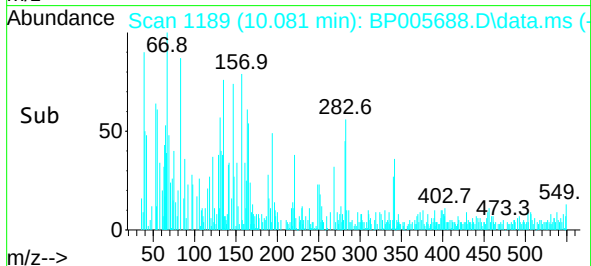
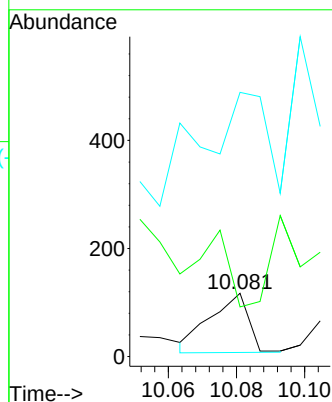
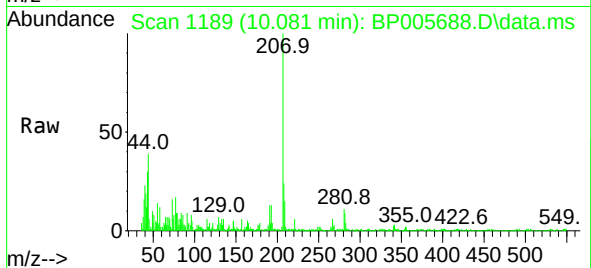




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

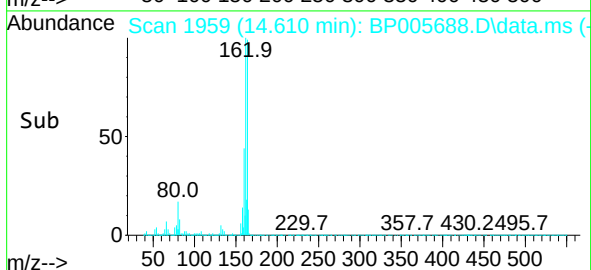
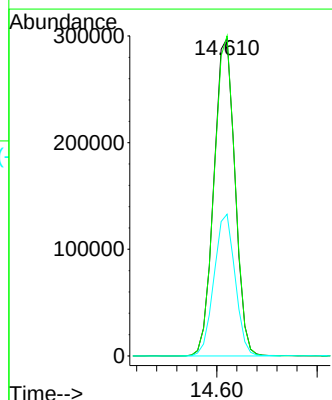
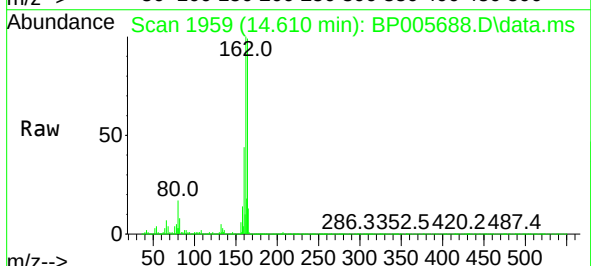
Instrument :
BNA_P
ClientSampleId :
PB136799TB

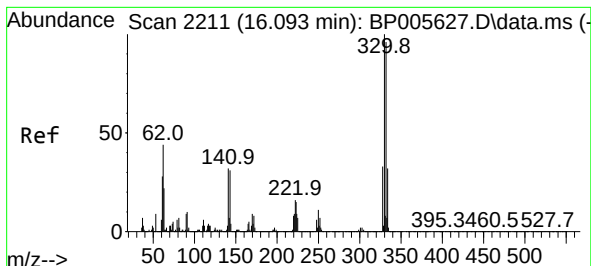
Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 123.9 105.1 145.1
77 417.9 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:164 Resp: 433450
Ion Ratio Lower Upper
164 100
162 100.8 73.5 110.3
160 44.7 40.6 61.0

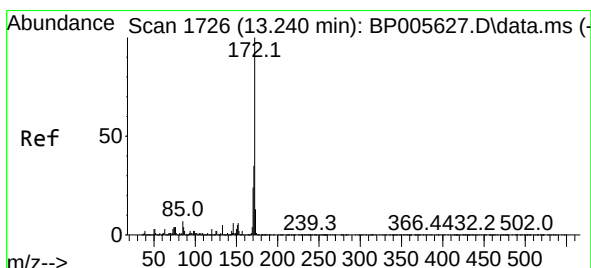
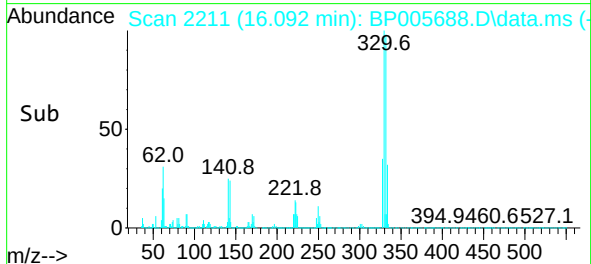
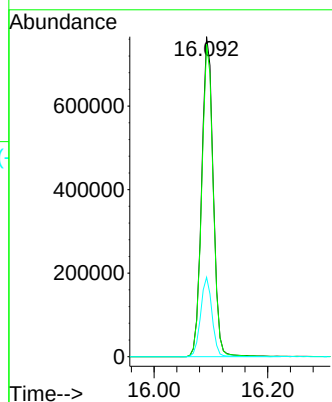
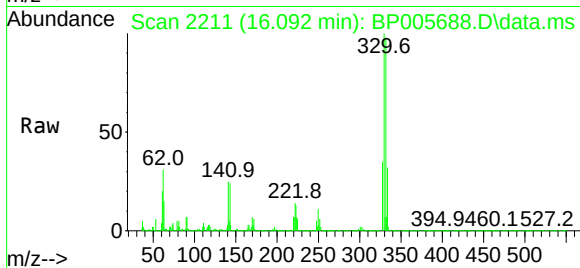




#42
2,4,6-Tribromophenol
Concen: 194.83 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

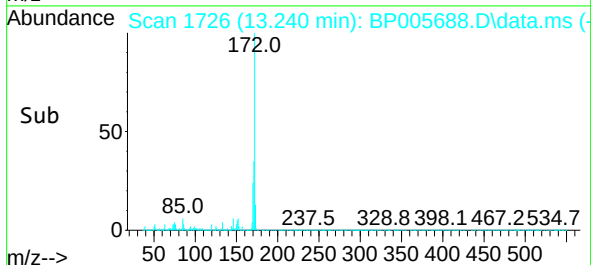
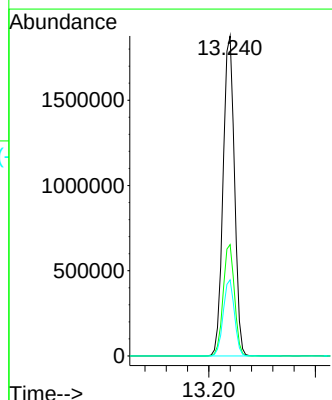
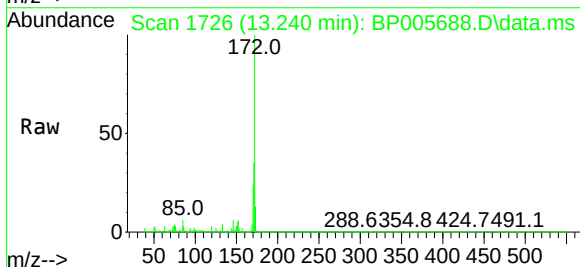
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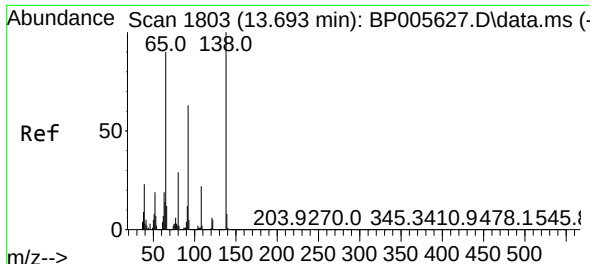
Tgt Ion:330 Resp: 1082909
Ion Ratio Lower Upper
330 100
332 97.0 76.3 114.5
141 24.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 84.70 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:172 Resp: 2774164
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 19.6 29.4

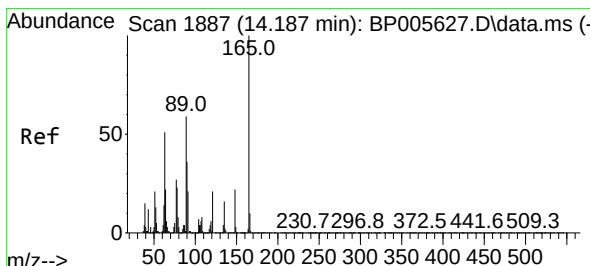
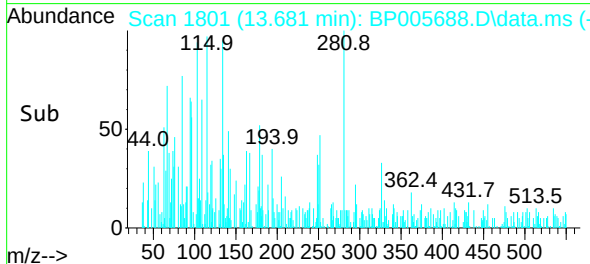
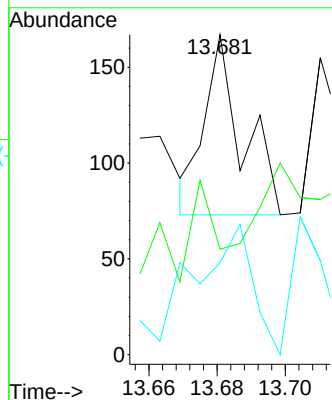
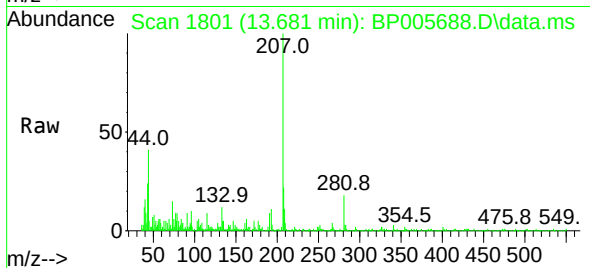




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

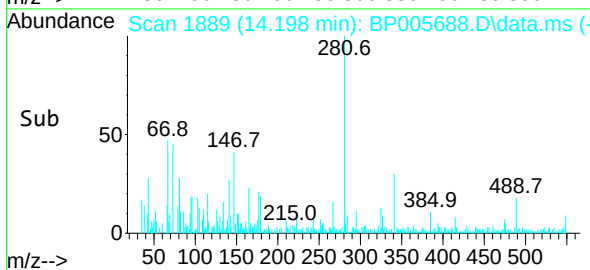
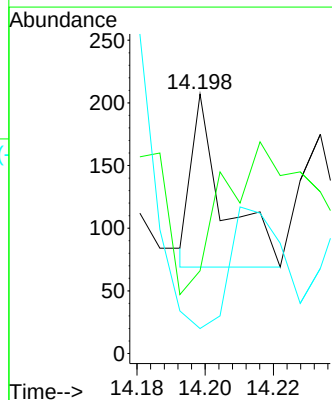
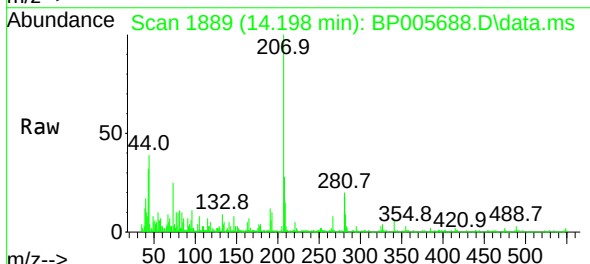
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BNA_P
ClientSampleID :
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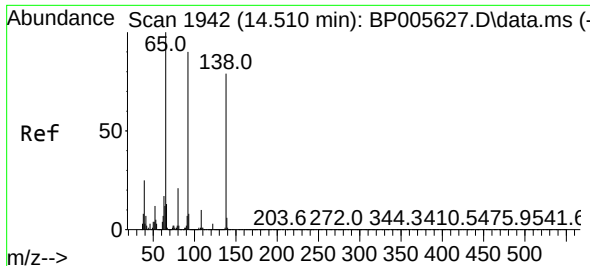
Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 32.9 48.8 73.2#
138 28.7 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.011 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 165 Resp: 91
Ion Ratio Lower Upper
165 100
63 31.9 67.4 101.0#
89 9.7 73.8 110.6#

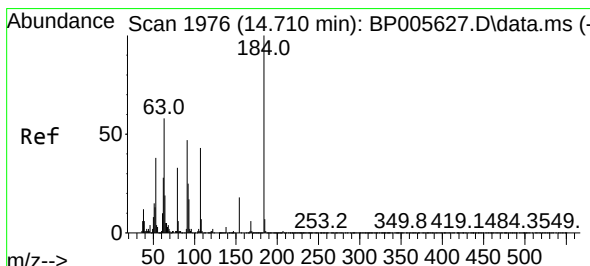
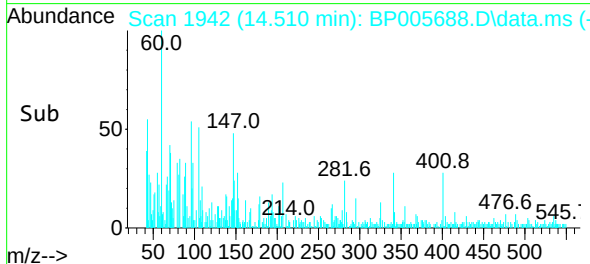
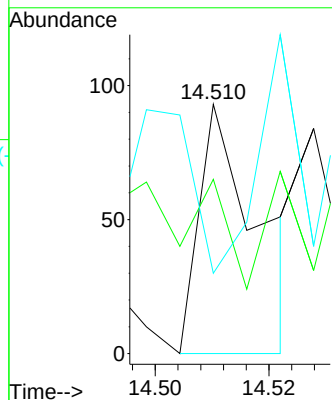
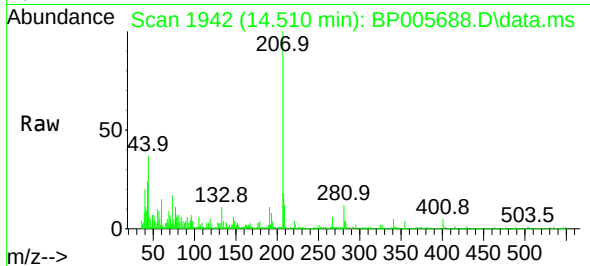




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

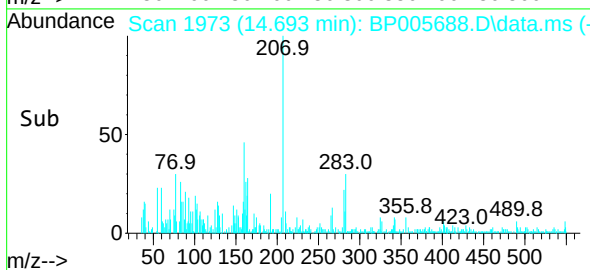
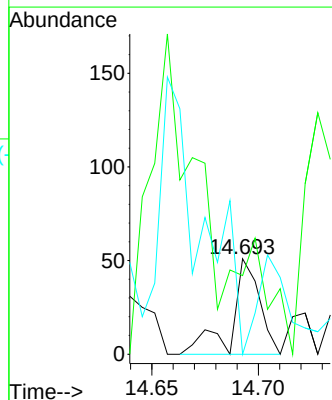
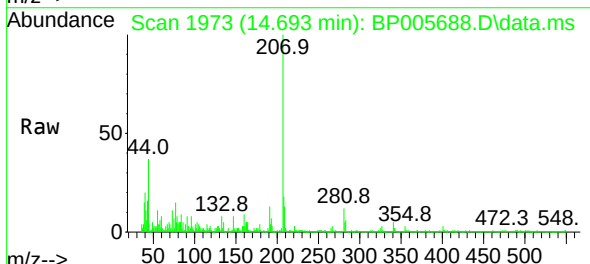
Instrument :
BNA_P
ClientSampleId :
PB136799TB

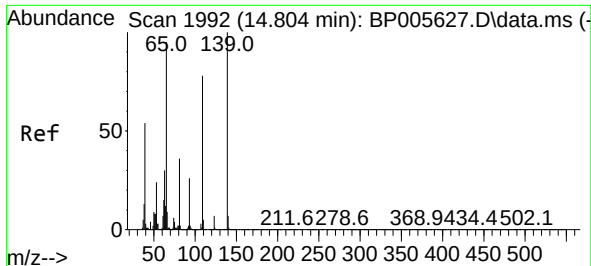
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
108 69.9 10.2 15.4#
92 32.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.017 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 184.3 51.2 76.8#
154 54.9 55.8 83.8#

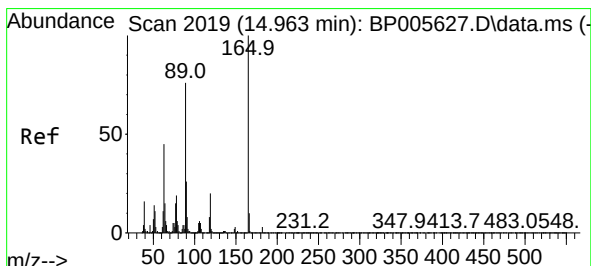
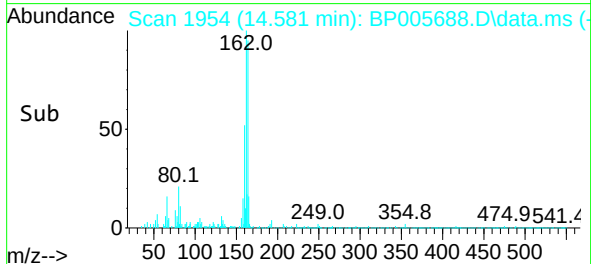
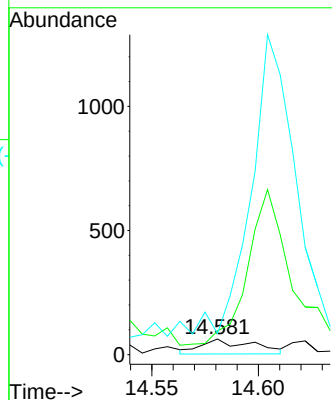
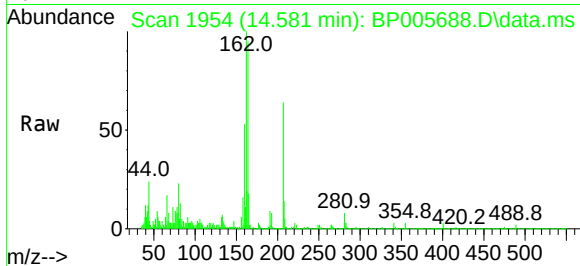




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.223 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

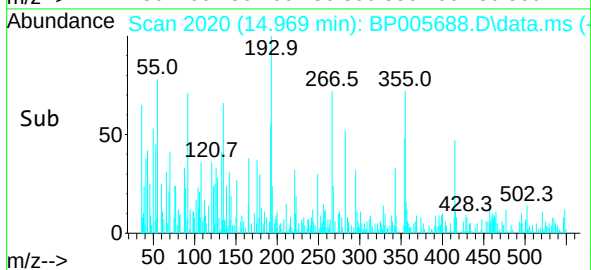
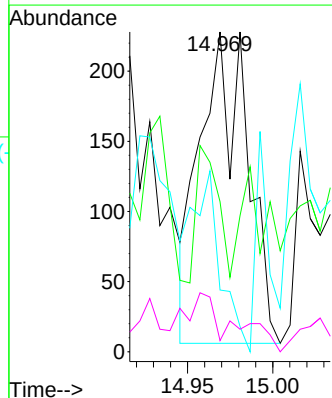
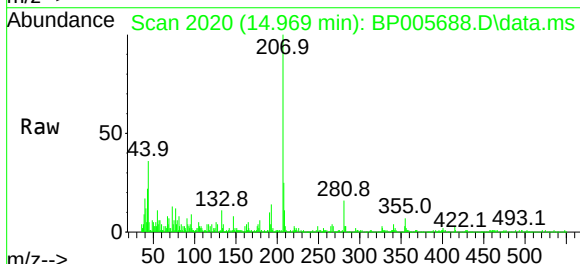
Instrument :
BNA_P
ClientSampleId :
PB136799TB

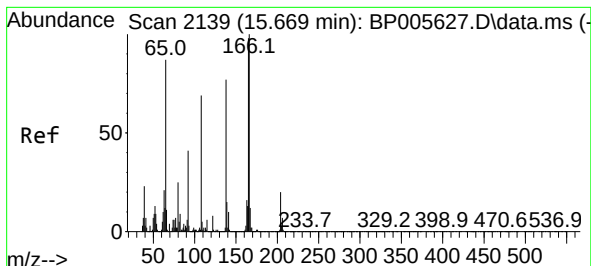
Tgt Ion:139 Resp: 100
Ion Ratio Lower Upper
139 100
109 150.8 122.8 162.8
65 134.9 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:165 Resp: 427
Ion Ratio Lower Upper
165 100
63 46.9 56.7 85.1#
89 19.3 85.8 128.6#
182 3.5 3.0 4.6

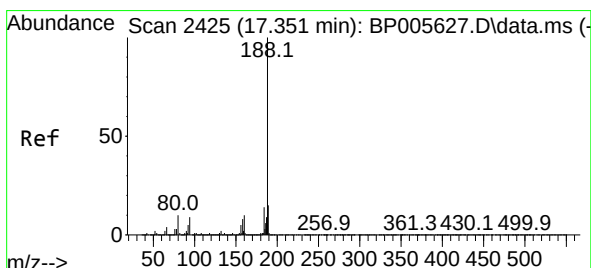
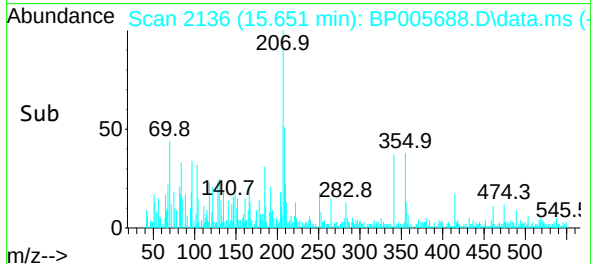
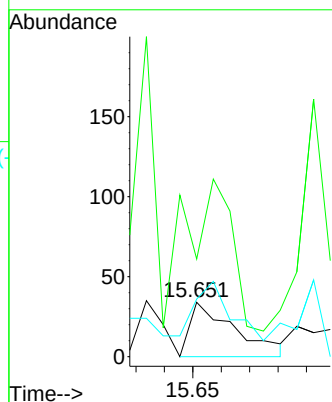
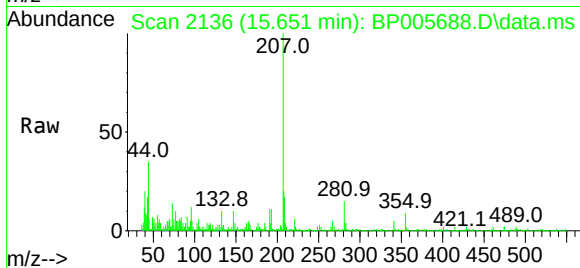




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

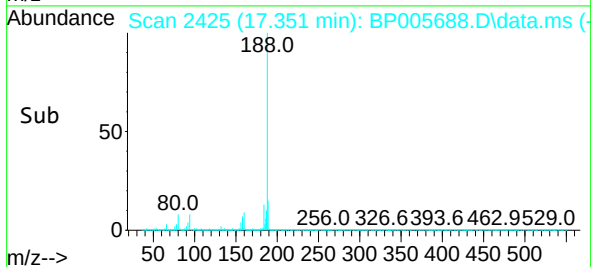
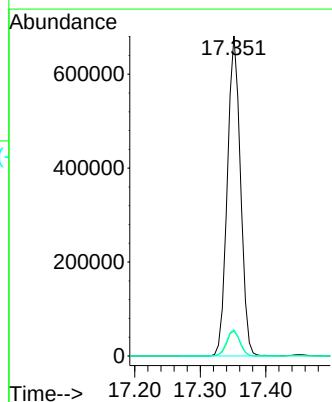
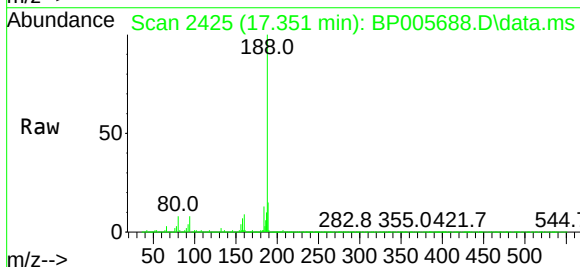
Instrument :
BNA_P
ClientSampled :
PB136799TB

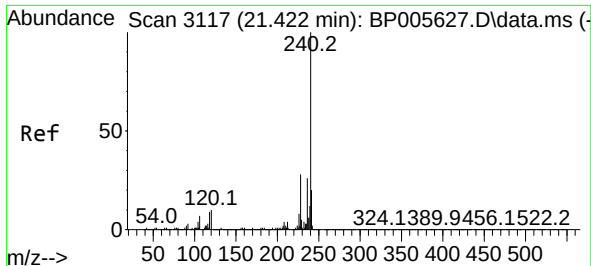
Tgt Ion:138 Resp: 38
Ion Ratio Lower Upper
138 100
92 179.4 50.9 90.9#
108 105.9 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:188 Resp: 945644
Ion Ratio Lower Upper
188 100
94 7.8 5.0 7.6#
80 8.2 5.9 8.9

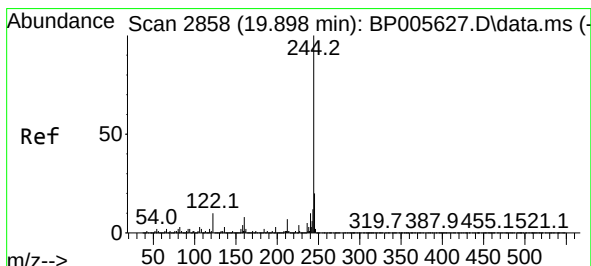
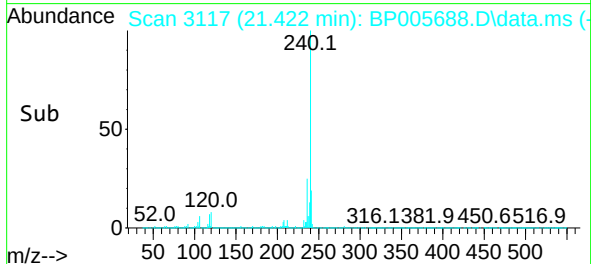
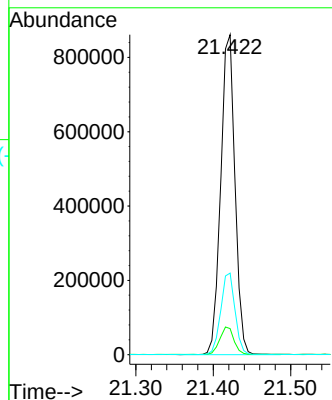
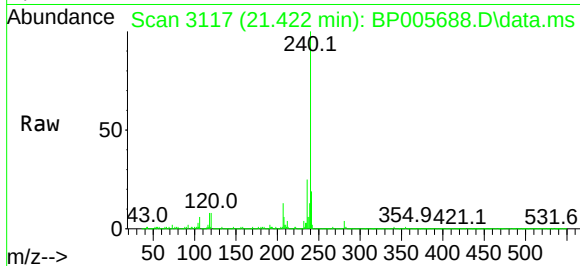




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

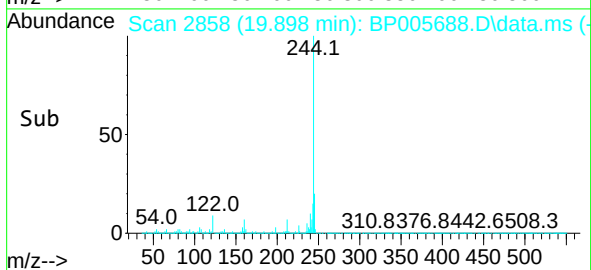
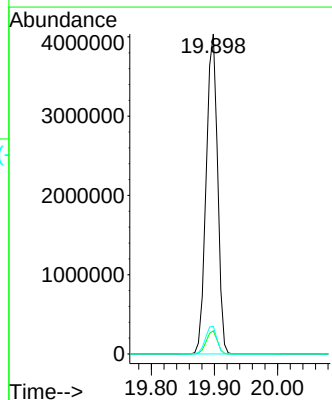
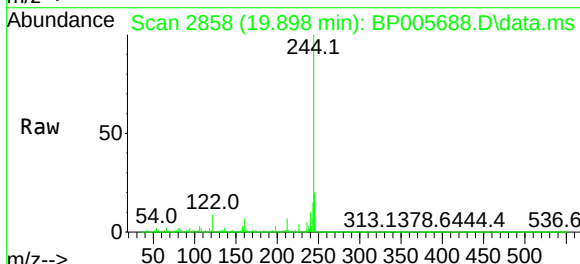
Instrument :
BNA_P
ClientSampleId :
PB136799TB

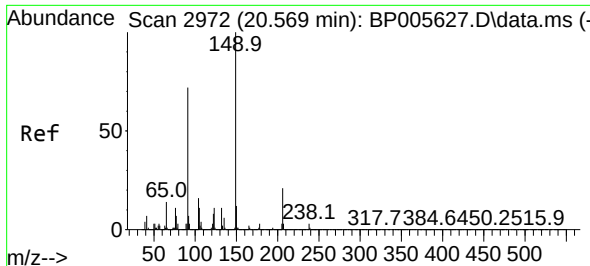
Tgt Ion:240 Resp: 1102798
Ion Ratio Lower Upper
240 100
120 8.1 4.2 6.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 86.10 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:244 Resp: 5060194
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.6 5.2 7.8#

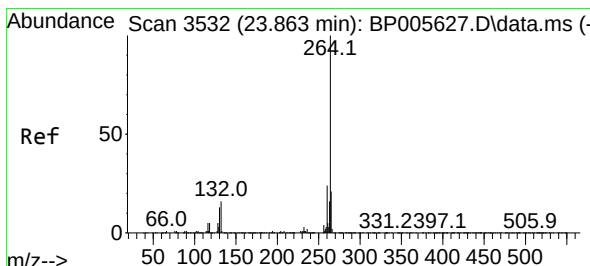
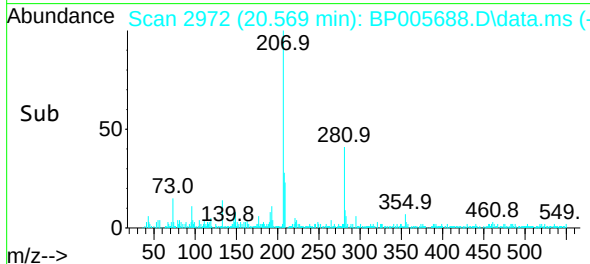
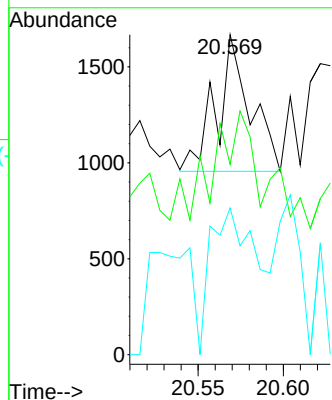
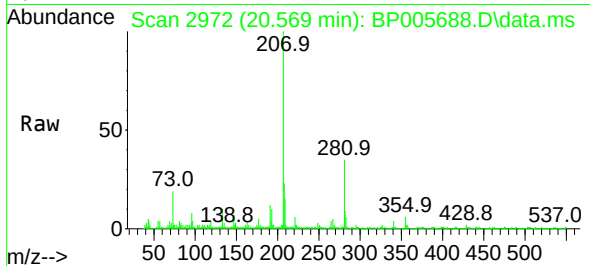




#80
Butylbenzylphthalate
Concen: 4.16 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005688.D
Acq: 03 Jun 2021 15:46

Instrument :
BNA_P
ClientSampleId :
PB136799TB

Tgt Ion:149 Resp: 971
Ion Ratio Lower Upper
149 100
91 59.5 60.2 90.4#
206 45.9 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: BP005688.D
Acq: 03 Jun 2021 15:46

Tgt Ion:264 Resp: 1293909
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 22.4 19.0 28.6

