

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007791.D
 Acq On : 01 Nov 2021 15:00
 Operator : CG/JU
 Sample : M4424-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-B1-N

Quant Time: Nov 01 16:14:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 14:37:50 2021
 Response via : Initial Calibration

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

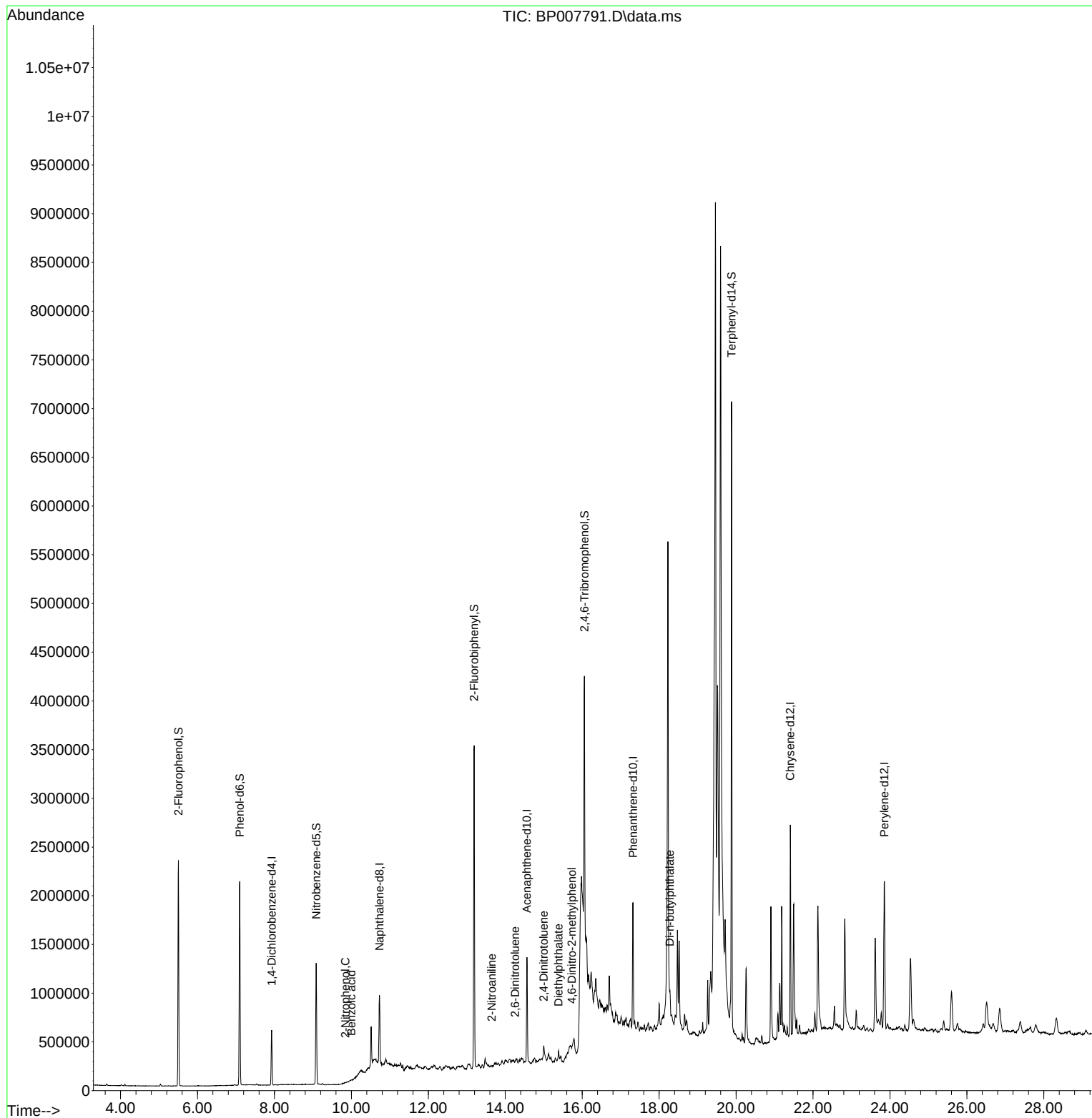
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	156930	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	588780	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	391516	20.000	ng	-0.01
64) Phenanthrene-d10	17.322	188	831128	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1053562	20.000	ng	-0.01
86) Perylene-d12	23.857	264	1222050	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	997822	105.387	ng	0.00
7) Phenol-d6	7.099	99	1214303	95.192	ng	0.00
23) Nitrobenzene-d5	9.087	82	729346	76.447	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	576153	141.774	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1762446	68.808	ng	0.00
79) Terphenyl-d14	19.880	244	3097579	59.549	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.058	77	186	Below Cal	#	17
26) 2-Nitrophenol	9.846	139	145	4.000 ng	#	1
32) Benzoic acid	9.999	122	1185	6.695 ng		88
48) 2-Nitroaniline	13.645	65	372	3.963 ng	#	51
51) 2,6-Dinitrotoluene	14.251	165	228	2.211 ng		89
57) 2,4-Dinitrotoluene	14.998	165	786	3.612 ng	#	69
58) Fluorene	15.610	166	1050	Below Cal	#	53
60) Diethylphthalate	15.387	149	72778	2.554 ng	#	95
61) 4-Chlorophenyl-phenyle...	15.604	204	92	Below Cal	#	1
65) 4,6-Dinitro-2-methylph...	15.728	198	124	5.111 ng	#	1
74) Di-n-butylphthalate	18.280	149	128805	2.602 ng		98

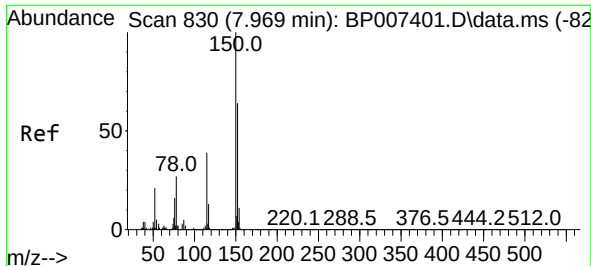
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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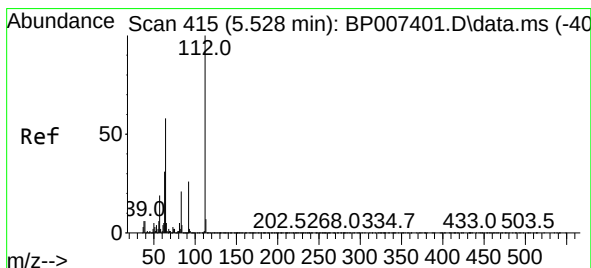
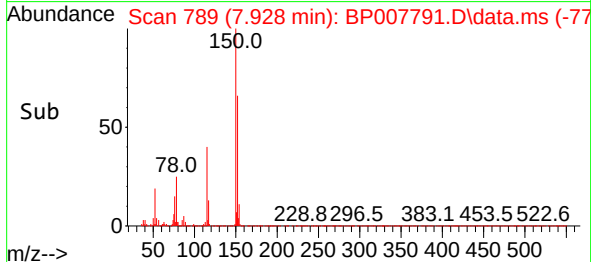
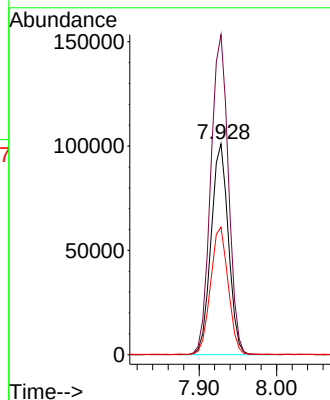
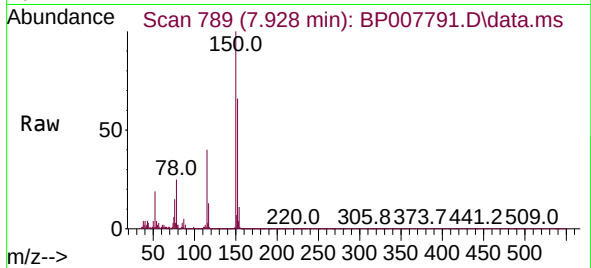




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP007791.D
 Acq: 01 Nov 2021 15:00

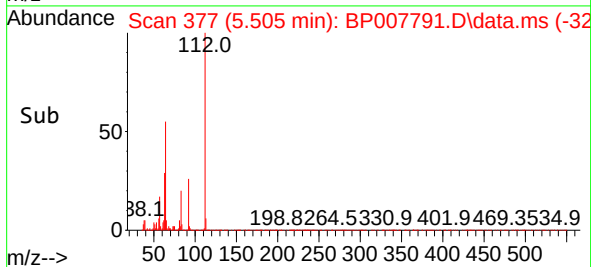
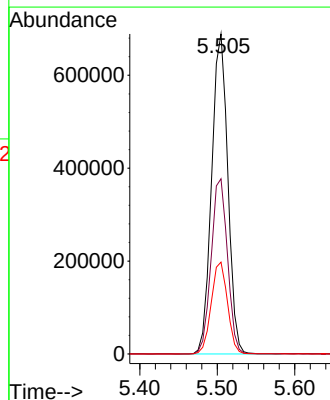
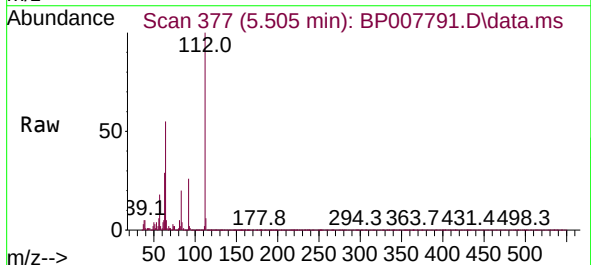
Instrument :
 BNA_P
 ClientSampleId :
 T2-B1-N

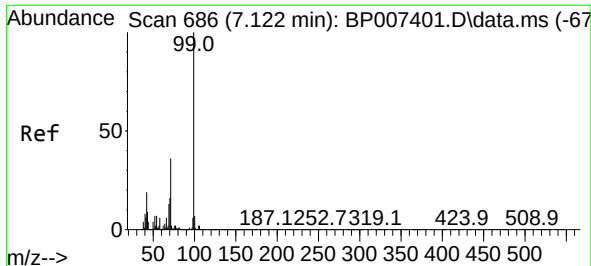
Tgt Ion:152 Resp: 156930
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.1 186.1
 115 60.5 48.1 72.1



#5
 2-Fluorophenol
 Concen: 105.387 ng
 RT: 5.505 min Scan# 377
 Delta R.T. -0.000 min
 Lab File: BP007791.D
 Acq: 01 Nov 2021 15:00

Tgt Ion:112 Resp: 997822
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.6 70.0
 63 28.7 25.0 37.6

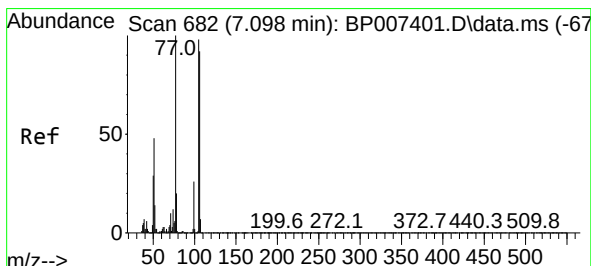
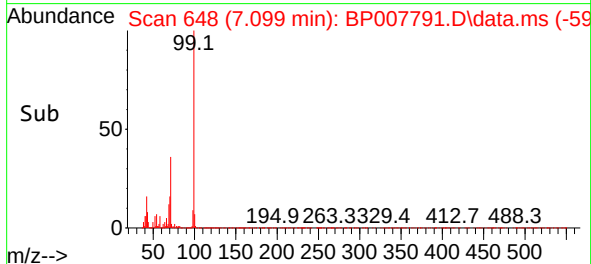
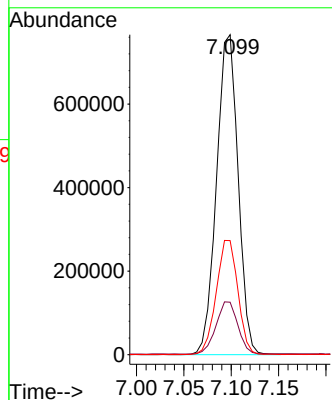
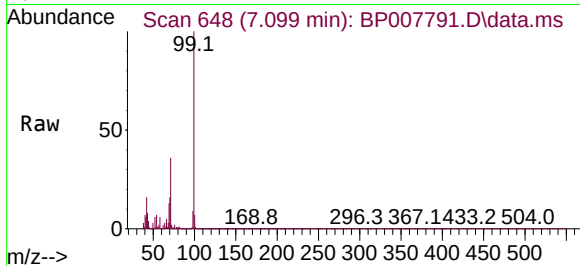




#7
Phenol-d6
Concen: 95.192 ng
RT: 7.099 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

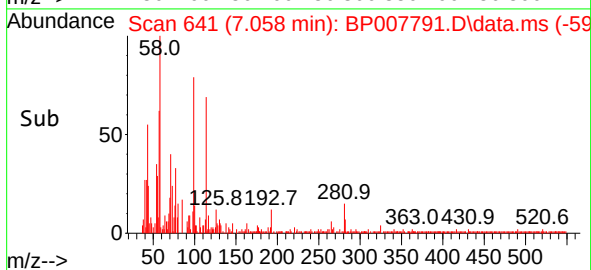
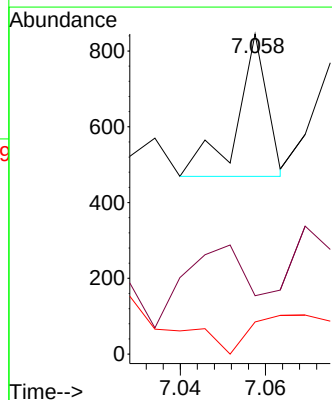
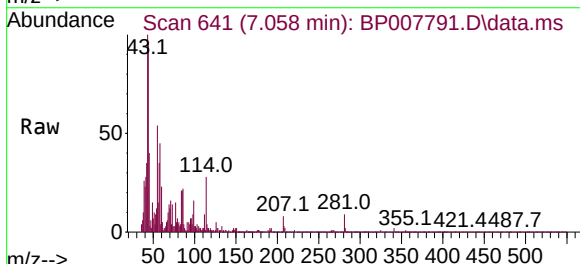
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

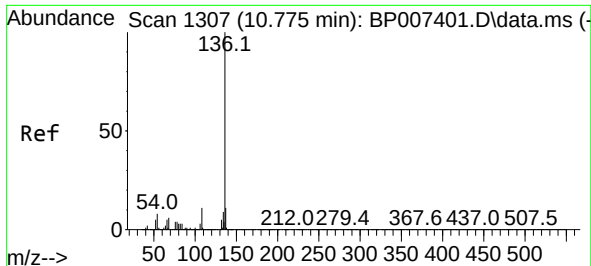
Tgt Ion: 99 Resp: 1214303
Ion Ratio Lower Upper
99 100
42 16.4 14.9 22.3
71 35.7 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.058 min Scan# 641
Delta R.T. -0.006 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion: 77 Resp: 186
Ion Ratio Lower Upper
77 100
105 18.2 77.5 117.5#
106 10.1 72.1 112.1#



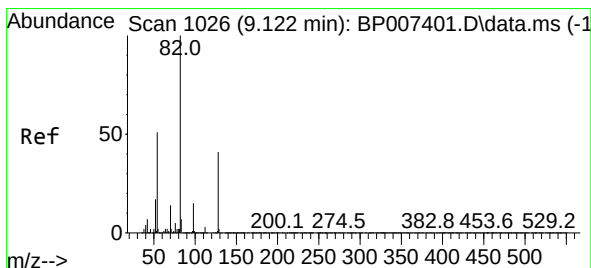
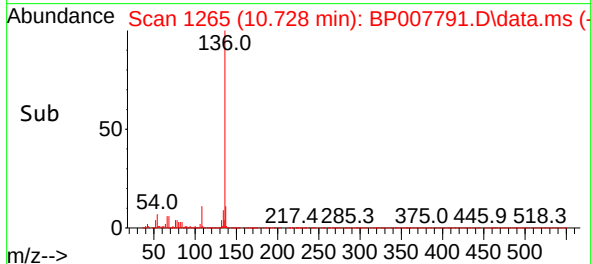
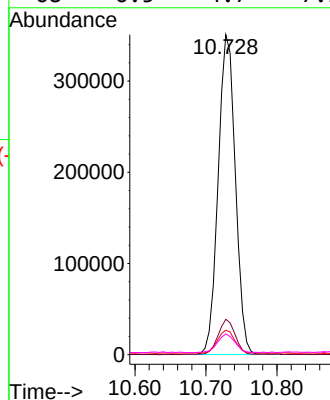
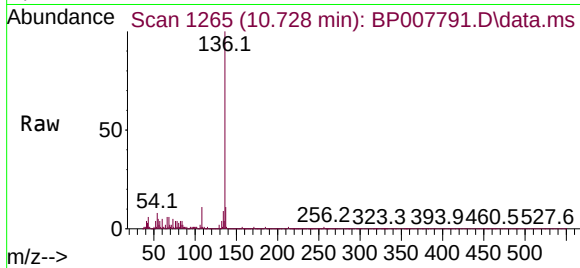


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Instrument :
BNA_P
ClientSampleId :
T2-B1-N

Tgt Ion: 136 Resp: 588780

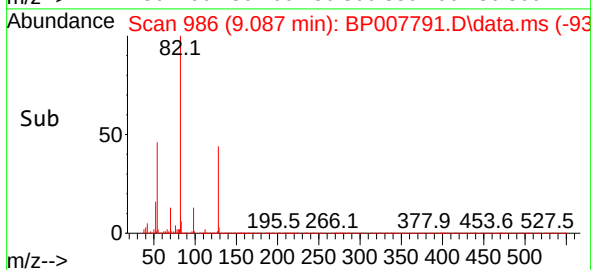
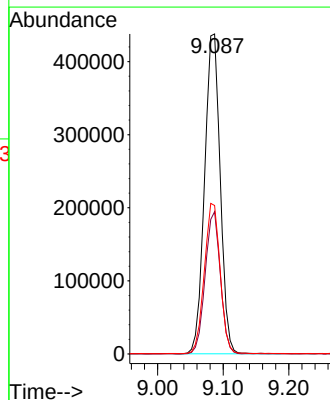
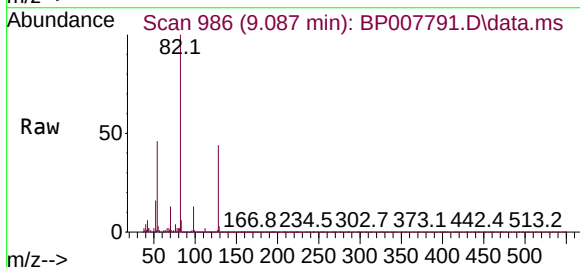
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.6	6.2	9.4
68	6.5	4.7	7.1

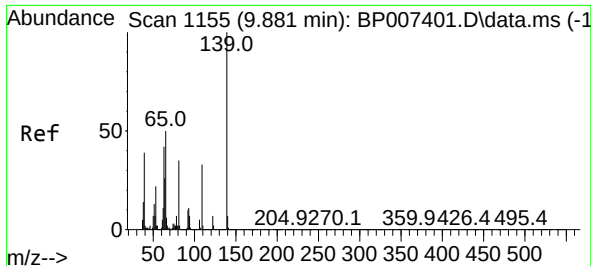


#23
Nitrobenzene-d5
Concen: 76.447 ng
RT: 9.087 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion: 82 Resp: 729346

Ion	Ratio	Lower	Upper
82	100		
128	44.5	32.6	48.8
54	46.4	40.4	60.6

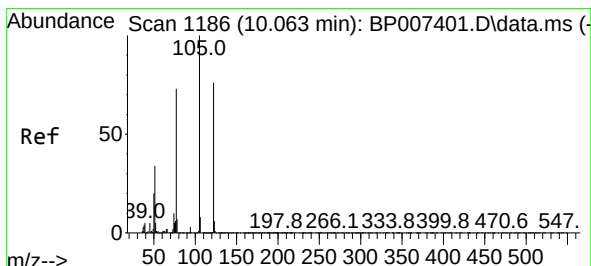
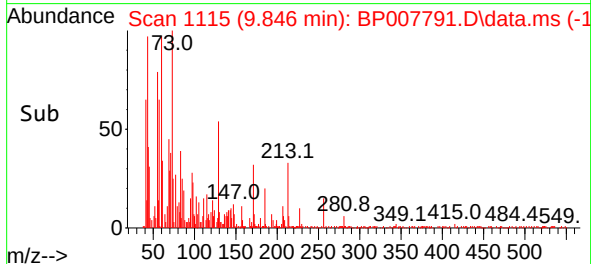
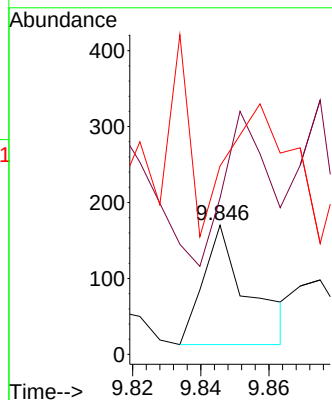
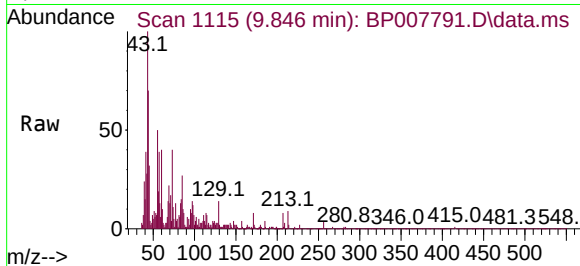




#26
2-Nitrophenol
Concen: 4.000 ng
RT: 9.846 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

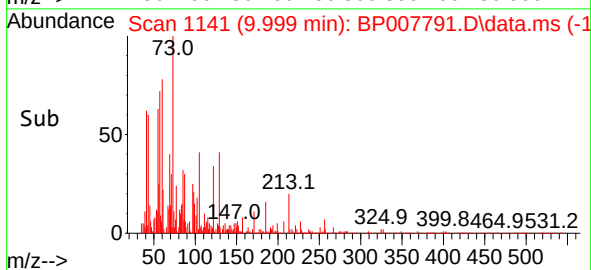
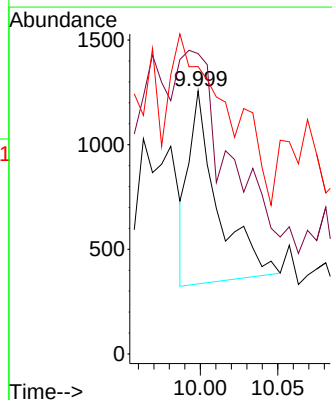
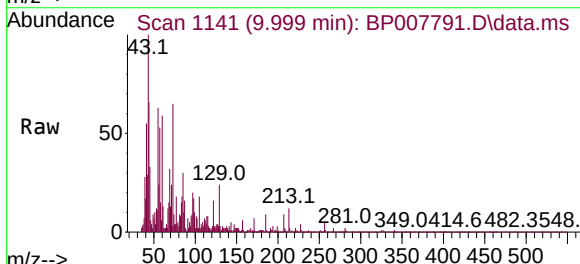
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

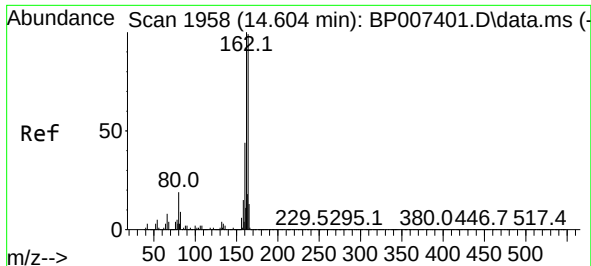
Tgt Ion:139 Resp: 145
Ion Ratio Lower Upper
139 100
109 121.2 26.2 39.2#
65 145.9 40.3 60.5#



#32
Benzoic acid
Concen: 6.695 ng
RT: 9.999 min Scan# 1141
Delta R.T. -0.059 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:122 Resp: 1185
Ion Ratio Lower Upper
122 100
105 114.2 105.9 145.9
77 109.2 74.6 114.6

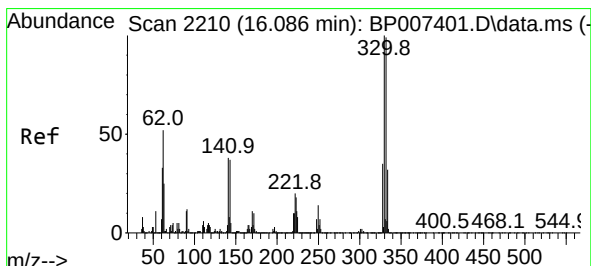
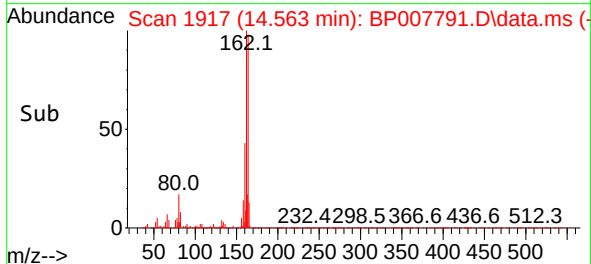
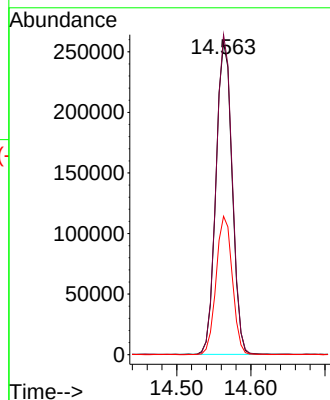
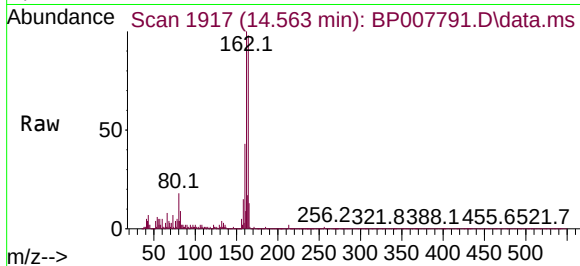




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

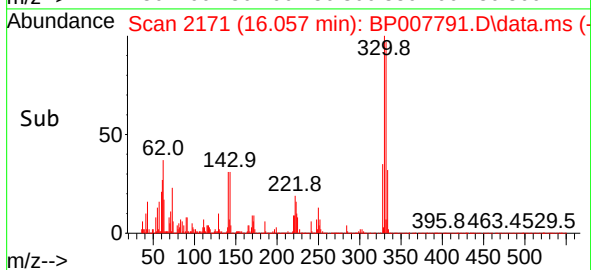
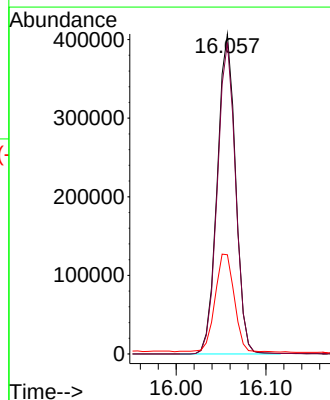
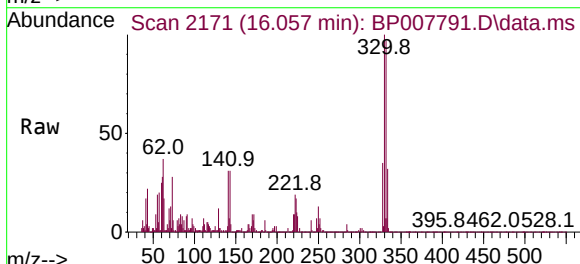
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ClientSampleId :
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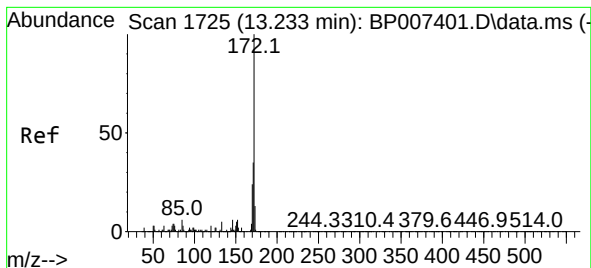
Tgt Ion:164 Resp: 391516
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 44.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 141.774 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:330 Resp: 576153
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 32.8 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 68.808 ng

RT: 13.193 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007791.D

Acq: 01 Nov 2021 15:00

Instrument :

BNA_P

ClientSampleId :

T2-B1-N

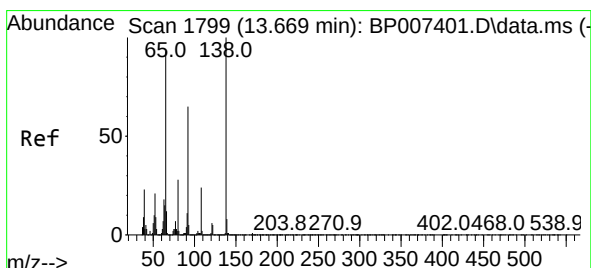
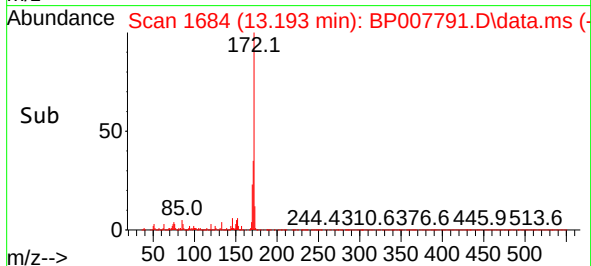
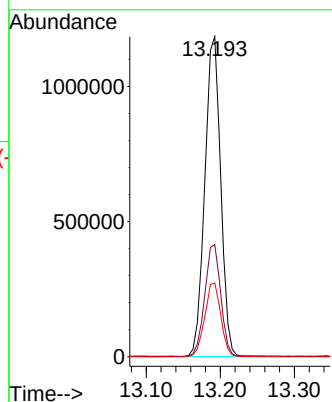
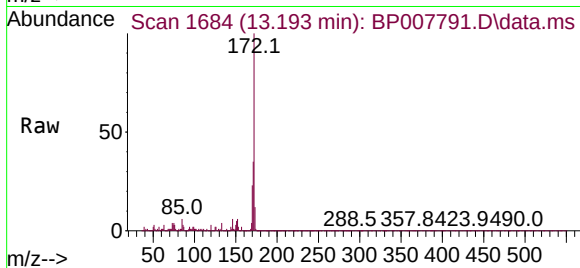
Tgt Ion:172 Resp: 1762446

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 19.0 28.4



#48

2-Nitroaniline

Concen: 3.963 ng

RT: 13.645 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BP007791.D

Acq: 01 Nov 2021 15:00

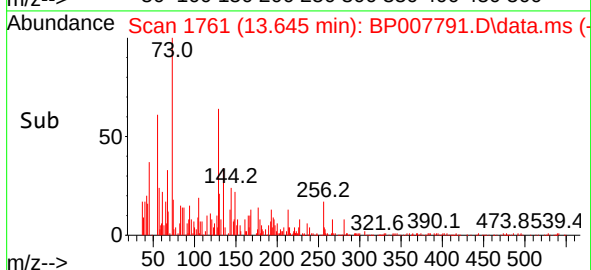
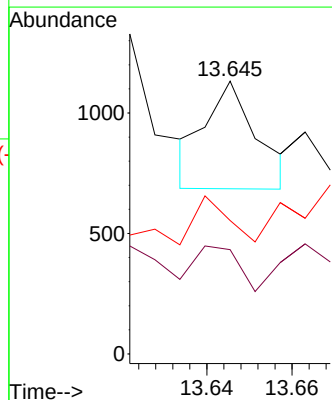
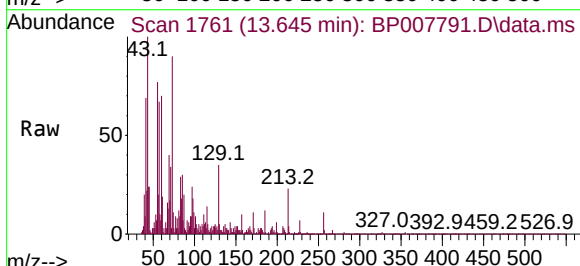
Tgt Ion: 65 Resp: 372

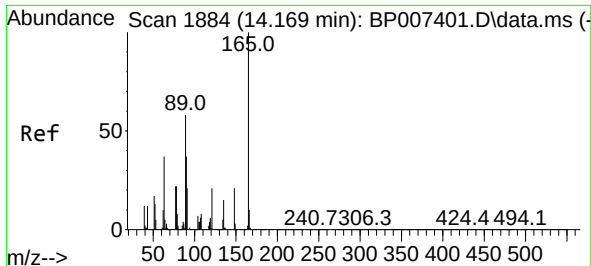
Ion Ratio Lower Upper

65 100

92 38.3 55.9 83.9#

138 48.9 86.3 129.5#

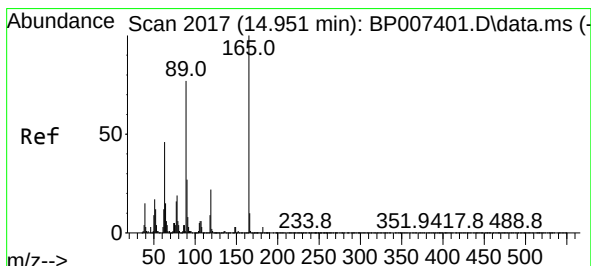
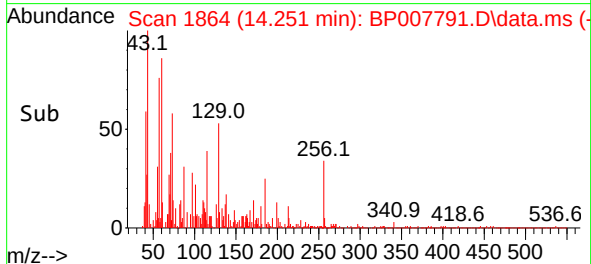
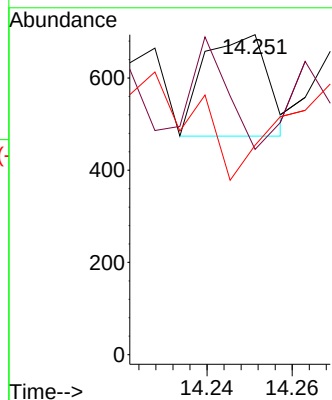
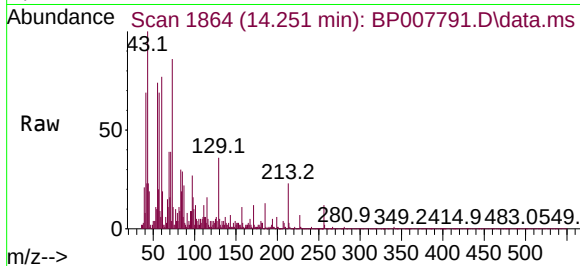




#51
2,6-Dinitrotoluene
Concen: 2.211 ng
RT: 14.251 min Scan# 1884
Delta R.T. 0.106 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

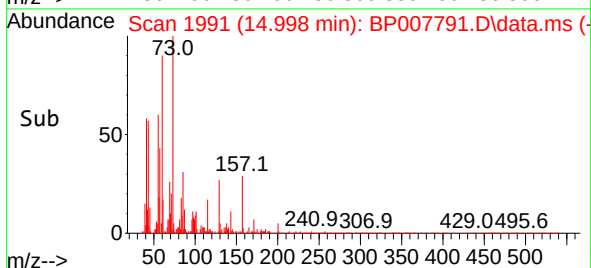
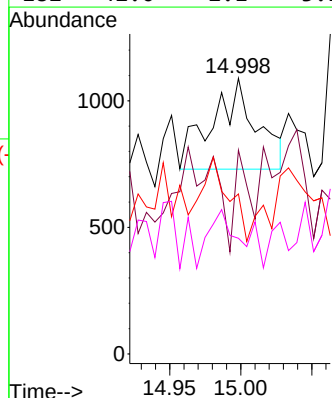
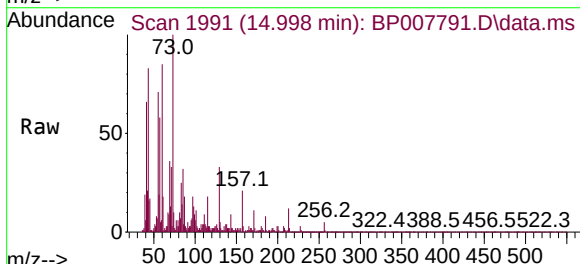
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

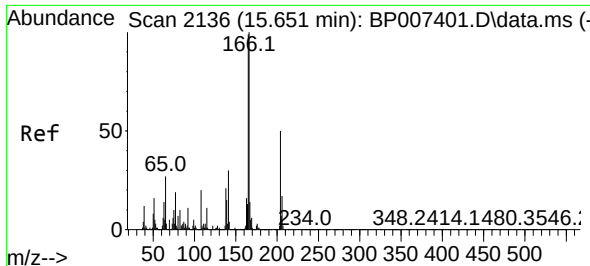
Tgt Ion:165 Resp: 228
Ion Ratio Lower Upper
165 100
63 64.1 44.2 66.2
89 65.4 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.612 ng
RT: 14.998 min Scan# 1991
Delta R.T. 0.065 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:165 Resp: 786
Ion Ratio Lower Upper
165 100
63 73.9 37.4 56.0#
89 58.0 61.8 92.6#
182 42.0 2.1 3.1#

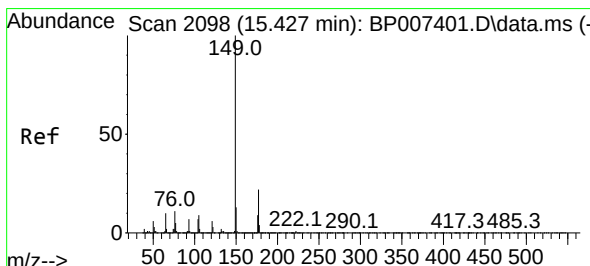
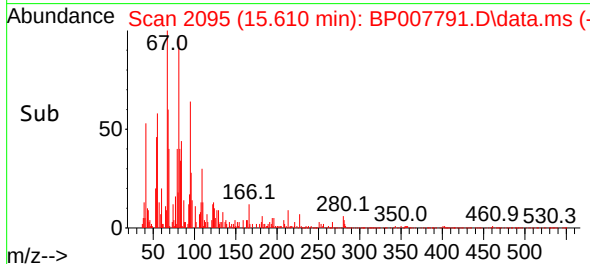
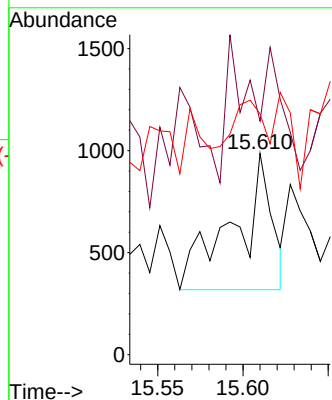
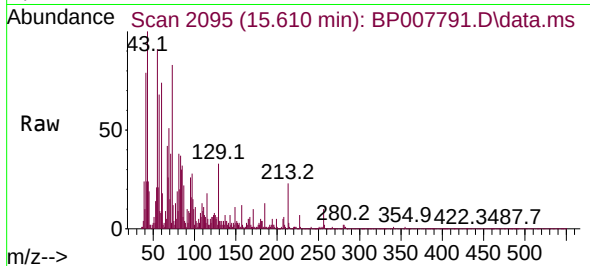




#58
Fluorene
Concen: Below Cal
RT: 15.610 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

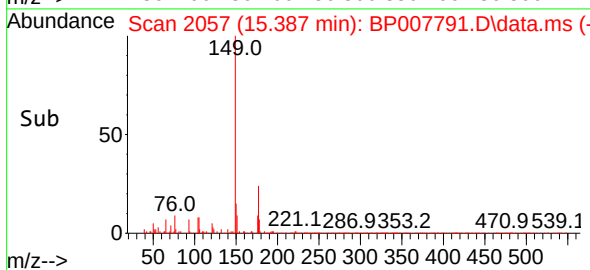
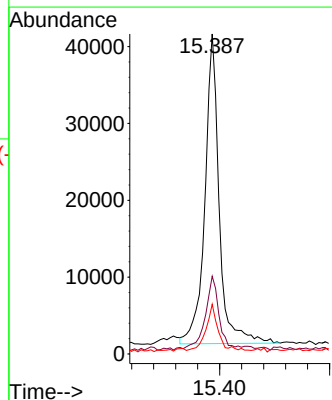
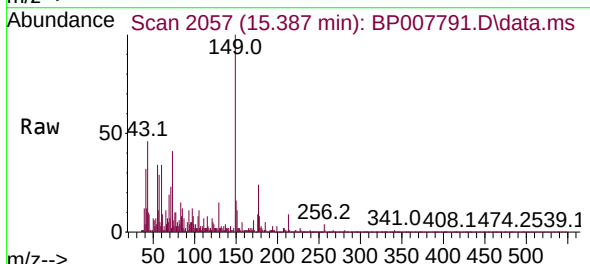
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

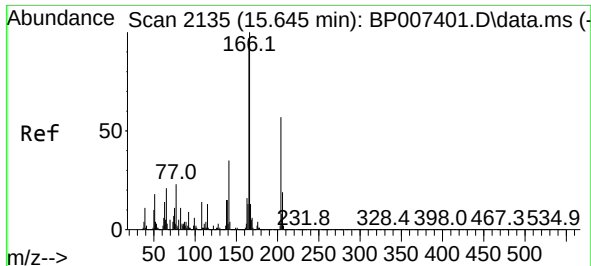
Tgt Ion:166 Resp: 1050
Ion Ratio Lower Upper
166 100
165 116.1 78.9 118.3
167 119.7 10.9 16.3#



#60
Diethylphthalate
Concen: 2.554 ng
RT: 15.387 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:149 Resp: 72778
Ion Ratio Lower Upper
149 100
177 24.3 17.8 26.8
150 15.6 10.2 15.2#

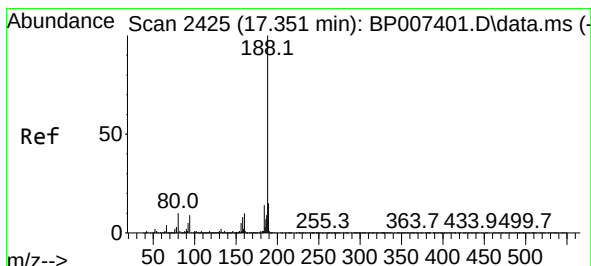
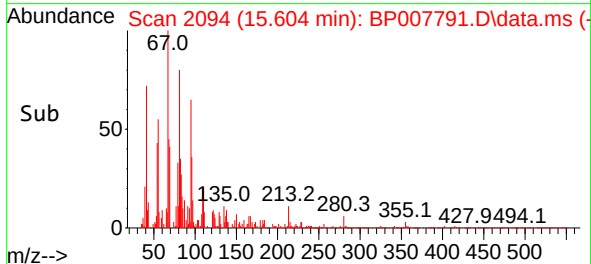
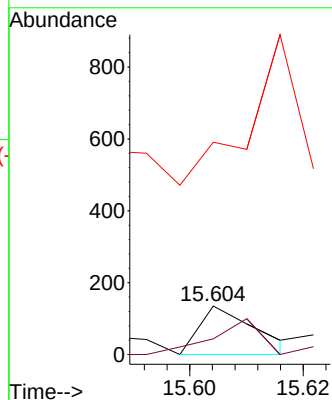
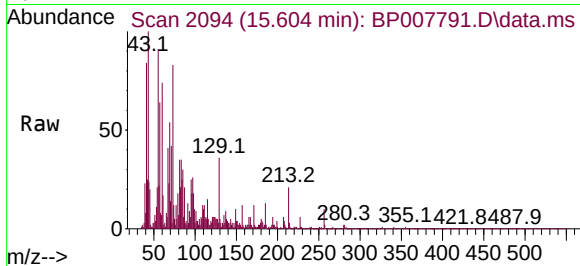




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.604 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

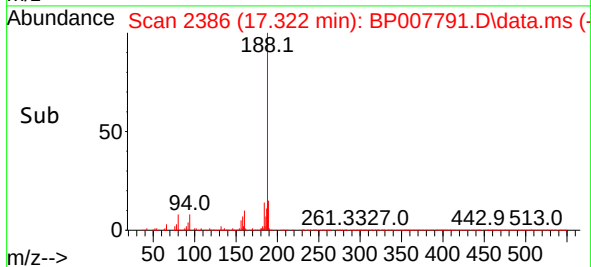
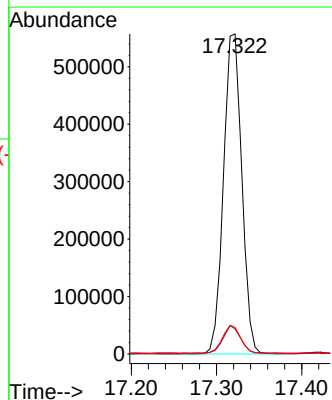
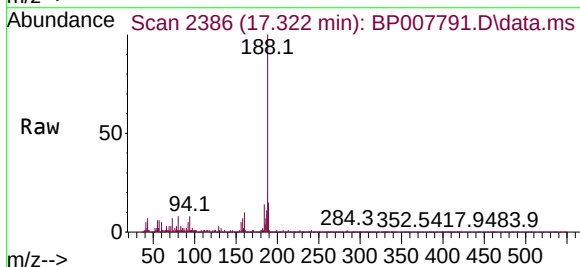
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

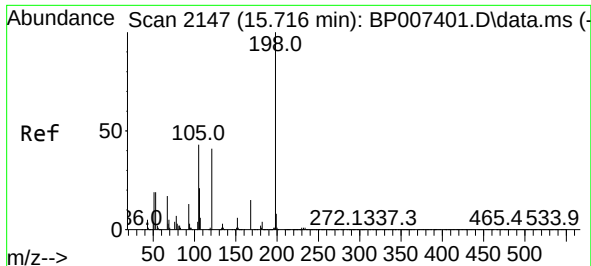
Tgt Ion:204 Resp: 92
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 437.8 48.8 73.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:188 Resp: 831128
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.3 7.8 11.6

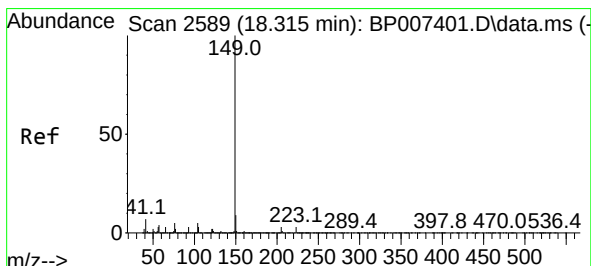
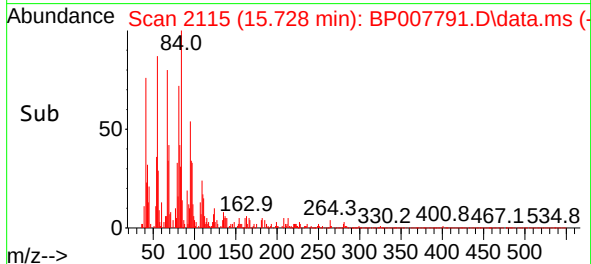
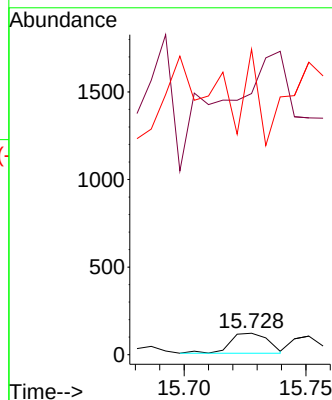
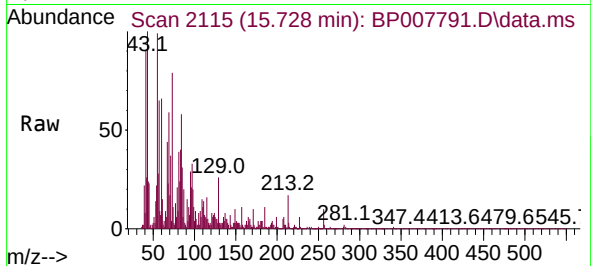




#65
4,6-Dinitro-2-methylphenol
Concen: 5.111 ng
RT: 15.728 min Scan# 2147
Delta R.T. 0.023 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

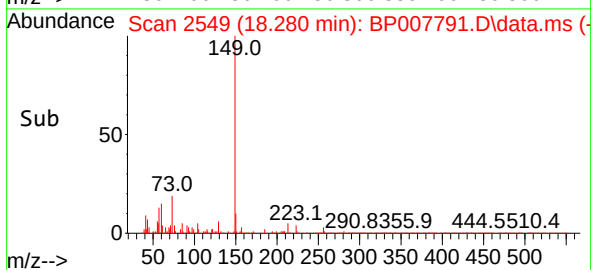
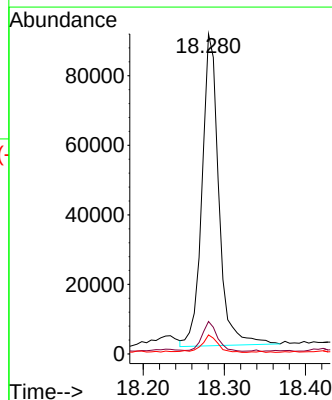
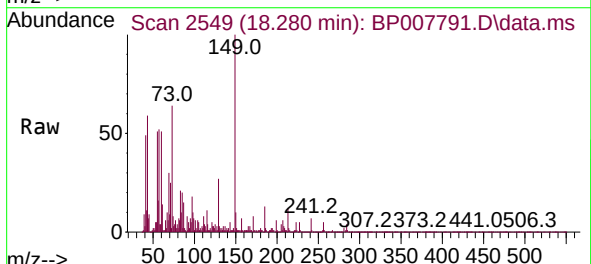
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

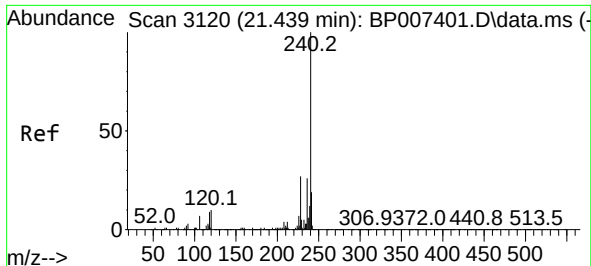
Tgt Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 1222.1 23.8 63.8#
105 1429.5 24.6 64.6#



#74
Di-n-butylphthalate
Concen: 2.602 ng
RT: 18.280 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:149 Resp: 128805
Ion Ratio Lower Upper
149 100
150 10.2 7.6 11.4
104 5.9 4.2 6.4

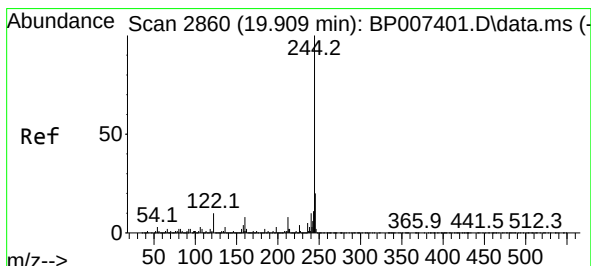
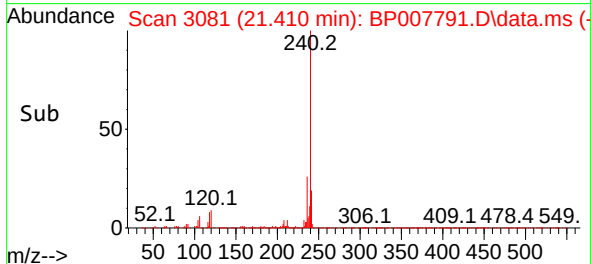
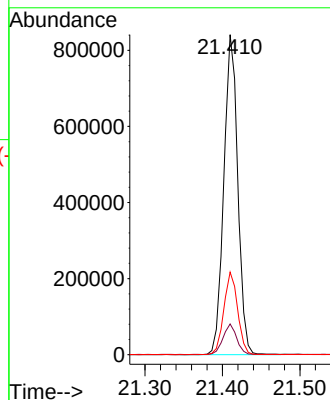
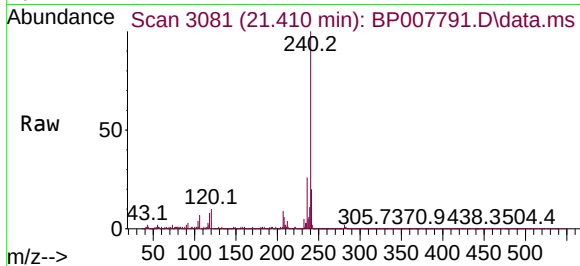




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

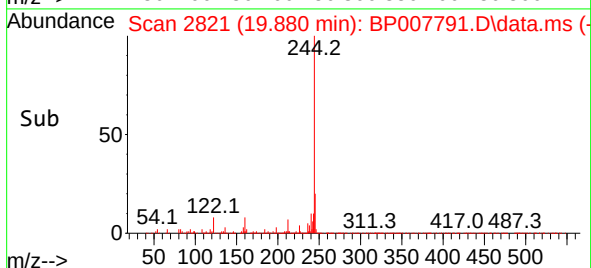
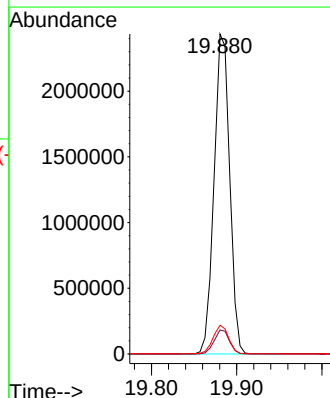
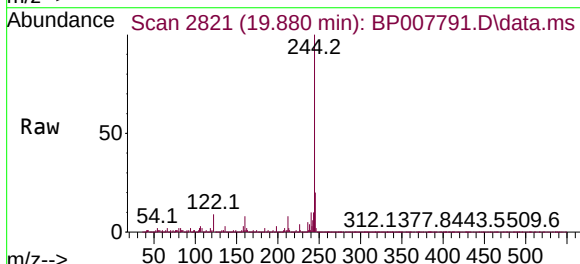
Instrument :
BNA_P
ClientSampleId :
T2-B1-N

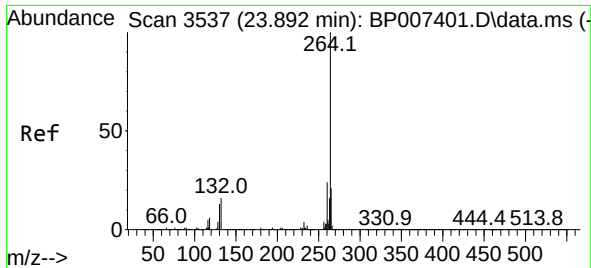
Tgt Ion:240 Resp: 1053562
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.8
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 59.549 ng
RT: 19.880 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007791.D
Acq: 01 Nov 2021 15:00

Tgt Ion:244 Resp: 3097579
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.857 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BP007791.D
 Acq: 01 Nov 2021 15:00

Instrument :
 BNA_P
 ClientSampleId :
 T2-B1-N

Tgt Ion:264 Resp: 1222050
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.6 16.7 25.1

