

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007797.D
 Acq On : 01 Nov 2021 18:23
 Operator : CG/JU
 Sample : M4424-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T3-EP03-SW

Quant Time: Nov 02 01:50:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 01:43:06 2021
 Response via : Initial Calibration

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

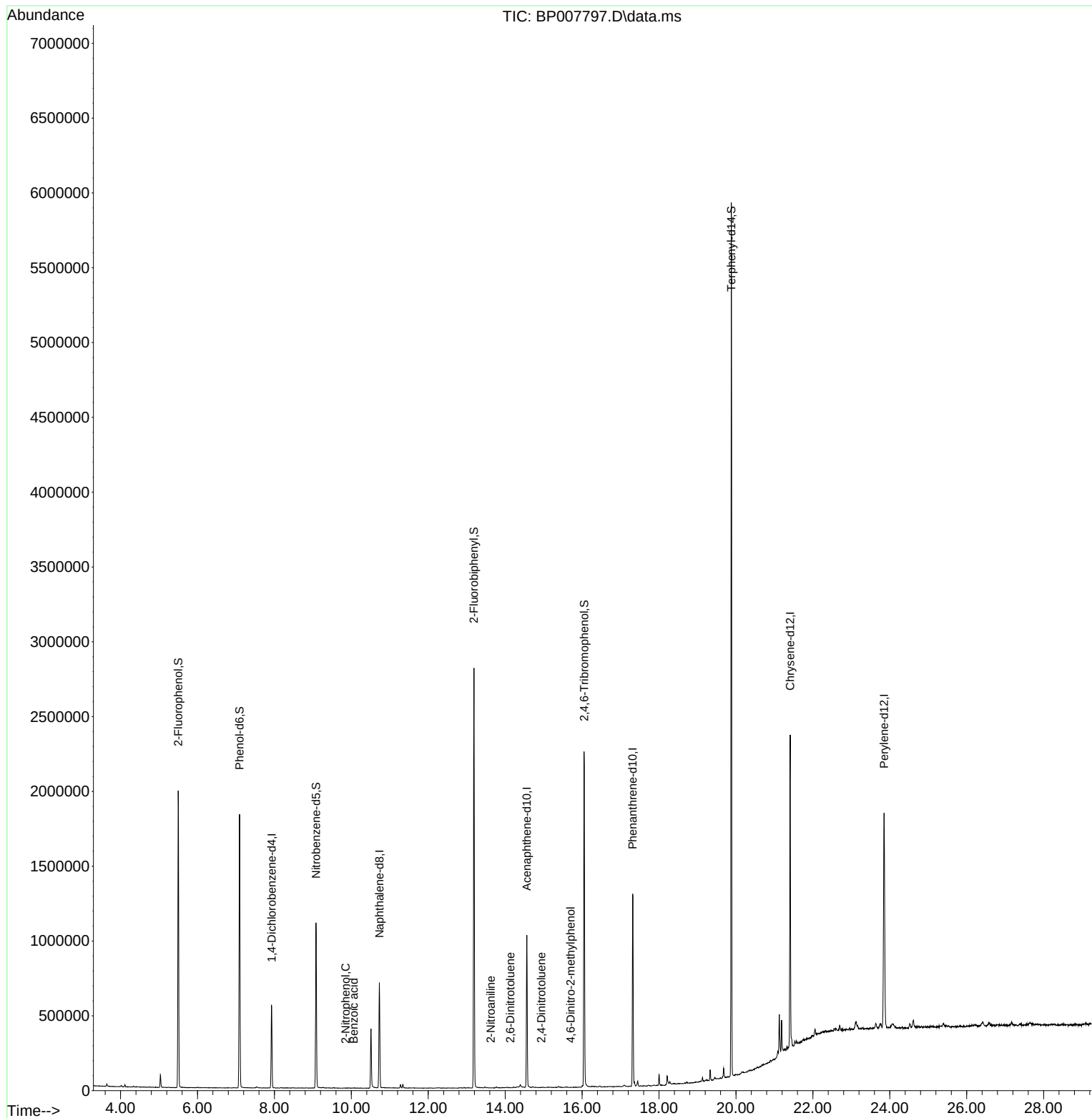
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	155682	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	568113	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	357657	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	806587	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1017914	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1136179	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	852374	90.747	ng	0.00
7) Phenol-d6	7.093	99	1034096	81.715	ng	0.00
23) Nitrobenzene-d5	9.081	82	622108	67.579	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	431086	116.120	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1465341	62.624	ng	-0.01
79) Terphenyl-d14	19.880	244	2610807	51.949	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.093	77	2078	Below Cal	#	10
26) 2-Nitrophenol	9.852	139	21	3.972 ng	#	1
32) Benzoic acid	10.063	122	21	6.496 ng	#	1
48) 2-Nitroaniline	13.628	65	105	3.919 ng	#	24
51) 2,6-Dinitrotoluene	14.134	165	88	2.187 ng	#	84
57) 2,4-Dinitrotoluene	14.940	165	102	3.521 ng	#	52
58) Fluorene	15.616	166	539	Below Cal		88
61) 4-Chlorophenyl-phenyle...	15.622	204	52	Below Cal	#	83
65) 4,6-Dinitro-2-methylph...	15.704	198	34	5.090 ng	#	1

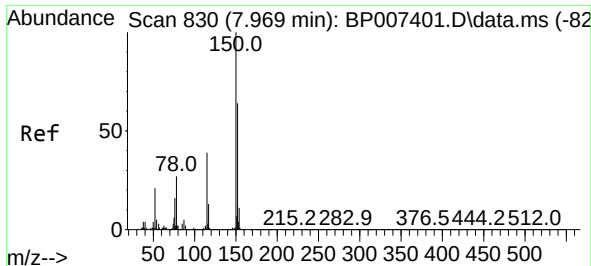
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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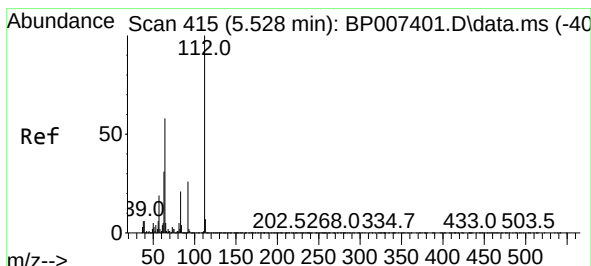
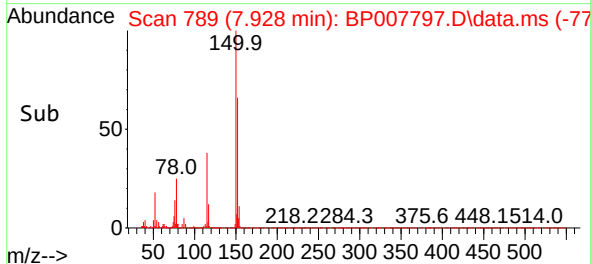
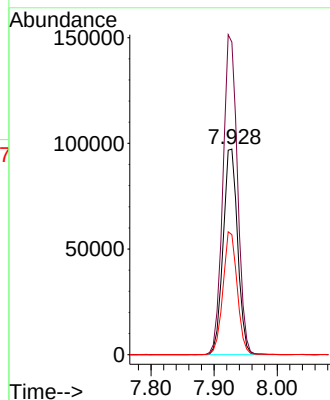
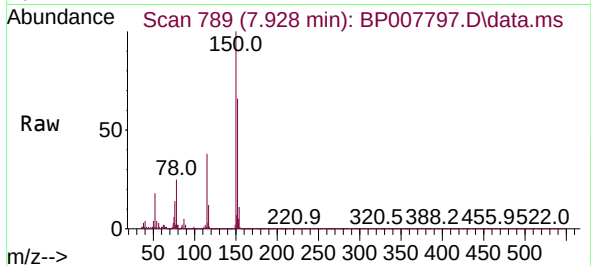




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

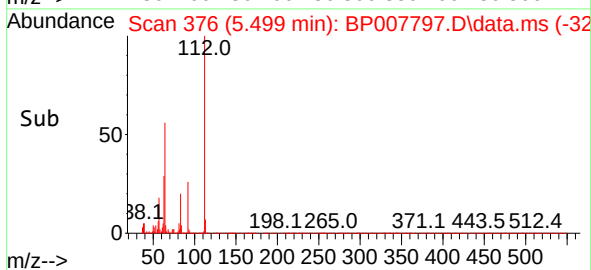
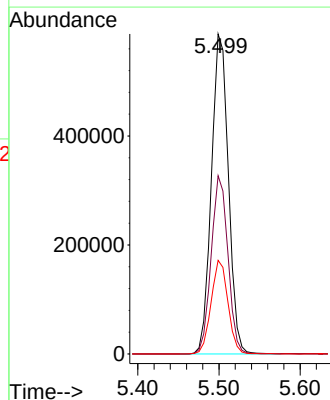
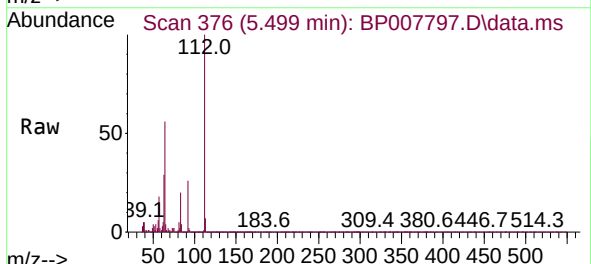
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

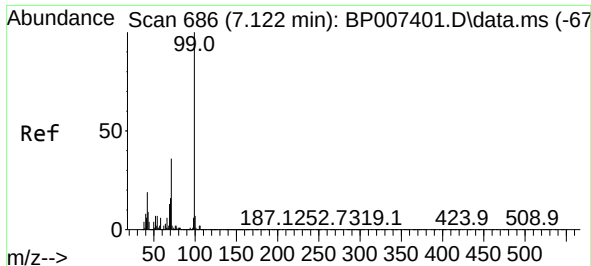
Tgt Ion:152 Resp: 155682
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 58.4 48.1 72.1



#5
2-Fluorophenol
Concen: 90.747 ng
RT: 5.499 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:112 Resp: 852374
Ion Ratio Lower Upper
112 100
64 55.7 46.6 70.0
63 29.3 25.0 37.6

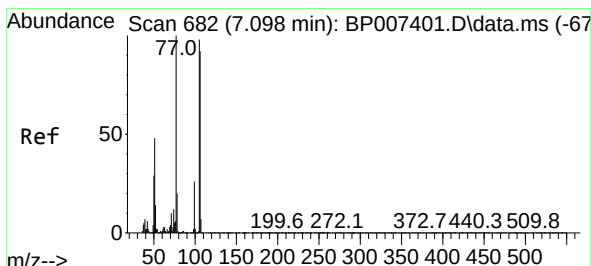
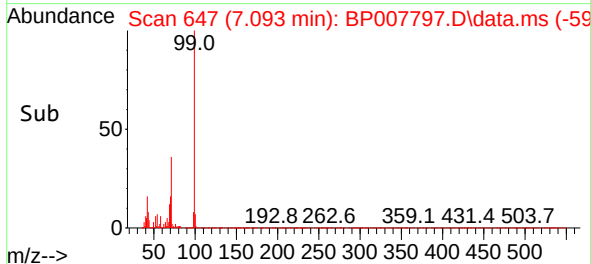
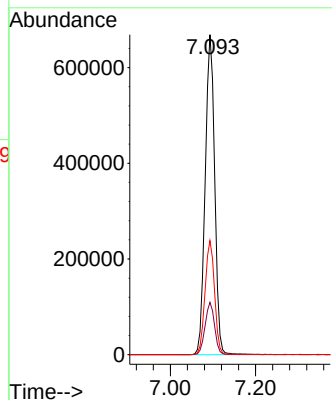
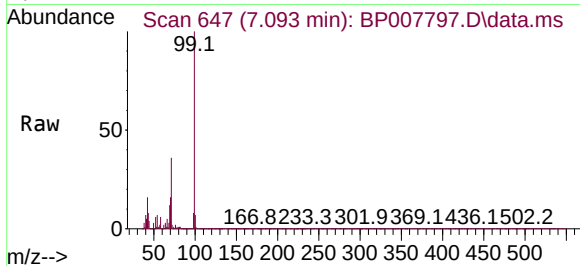




#7
Phenol-d6
Concen: 81.715 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

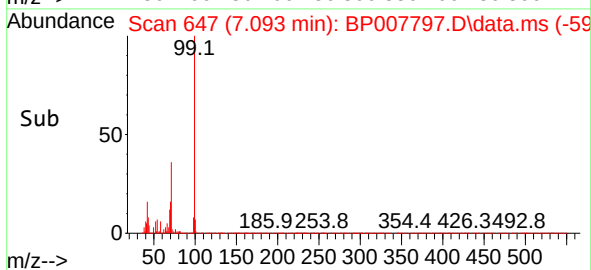
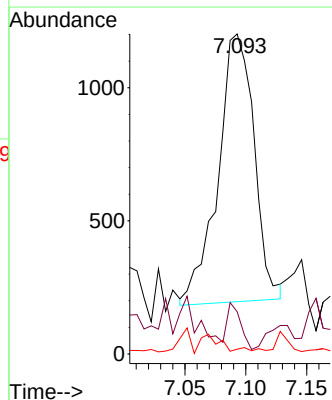
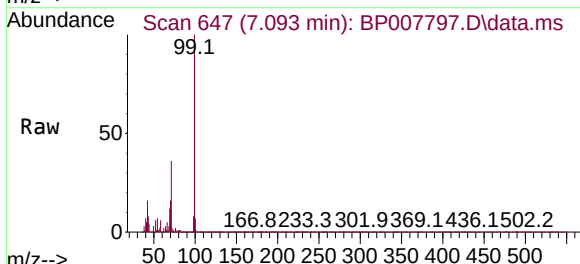
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

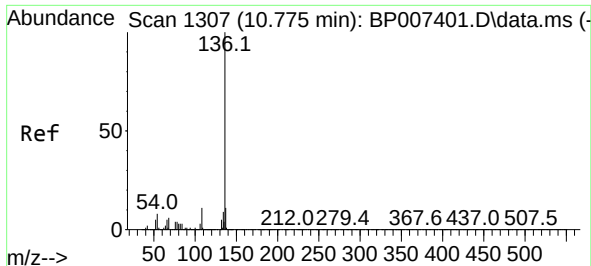
Tgt Ion: 99 Resp: 1034096
Ion Ratio Lower Upper
99 100
42 16.4 14.9 22.3
71 35.6 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.093 min Scan# 647
Delta R.T. 0.029 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion: 77 Resp: 2078
Ion Ratio Lower Upper
77 100
105 13.2 77.5 117.5#
106 1.5 72.1 112.1#

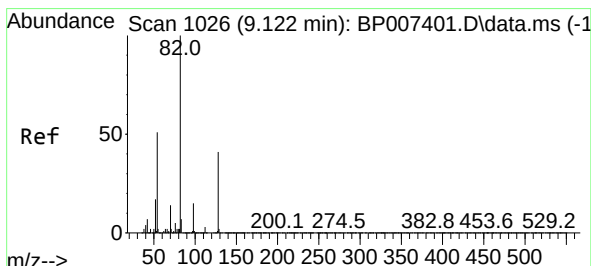
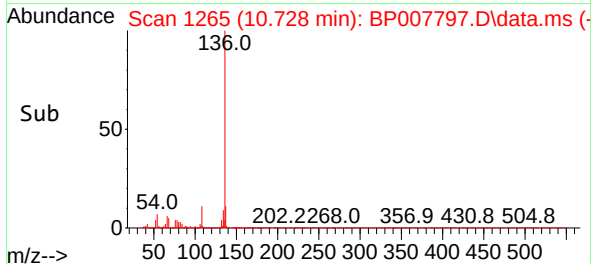
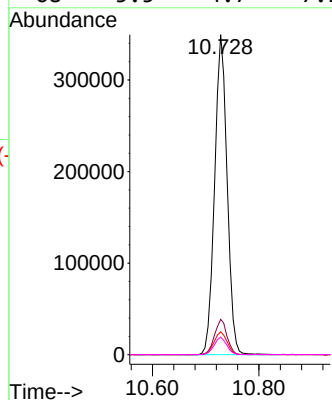
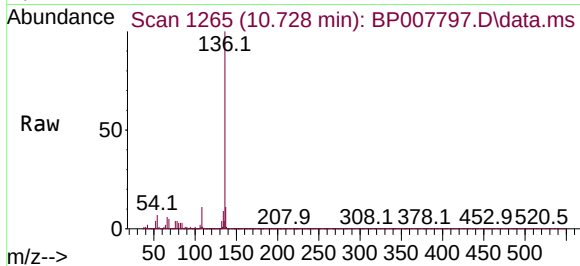




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

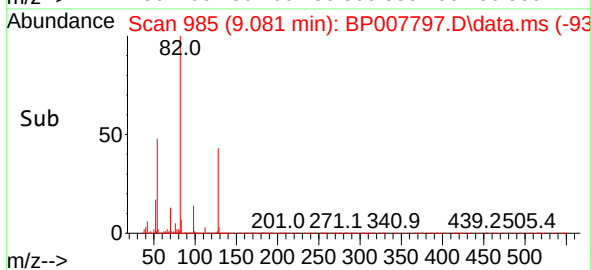
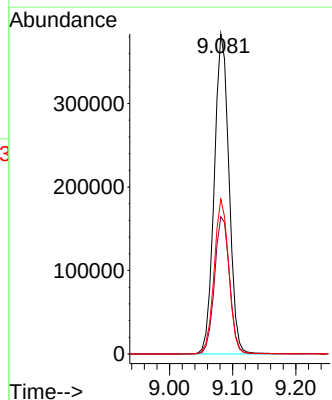
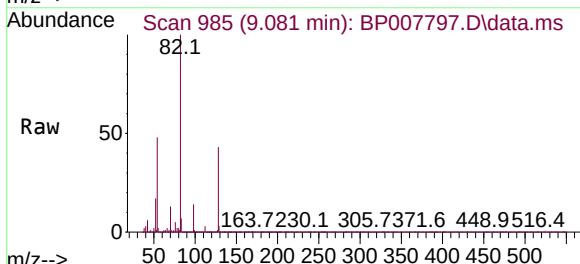
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

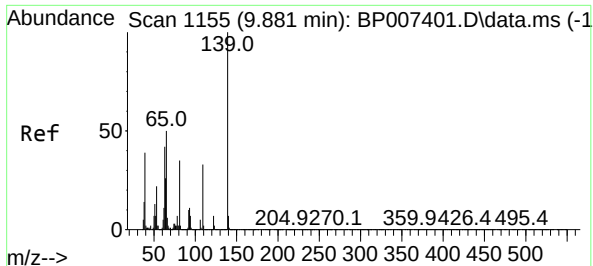
Tgt Ion:	136	Resp:	568113
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	6.2	9.4
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 67.579 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:	82	Resp:	622108
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.6	48.8
54	48.4	40.4	60.6

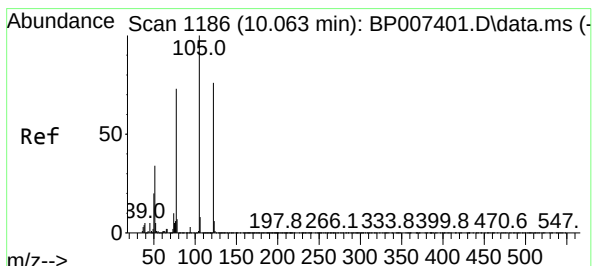
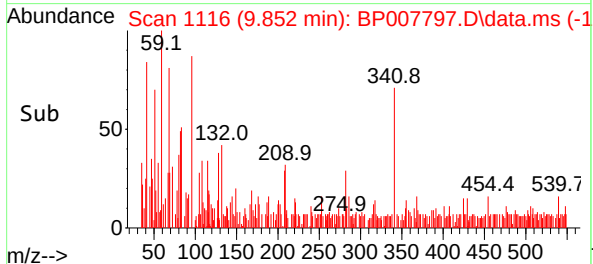
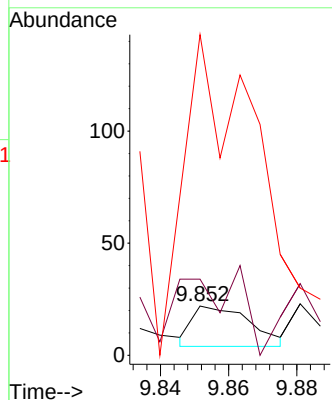
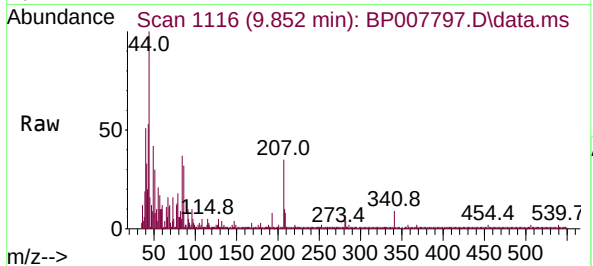




#26
2-Nitrophenol
Concen: 3.972 ng
RT: 9.852 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

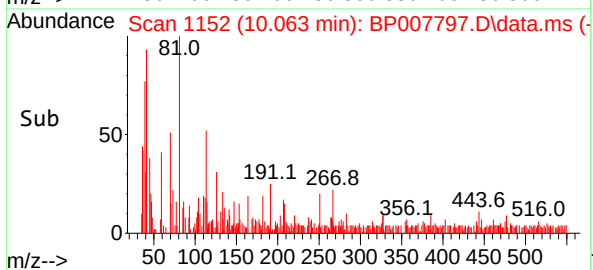
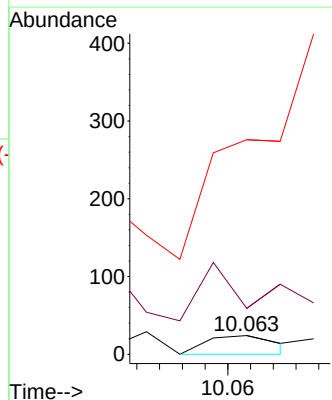
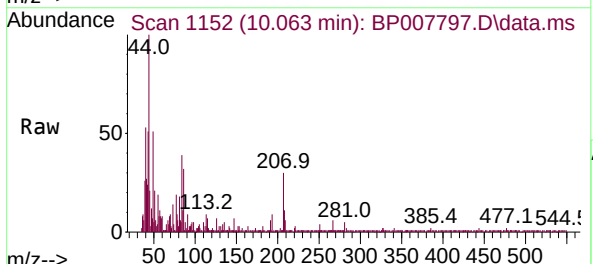
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

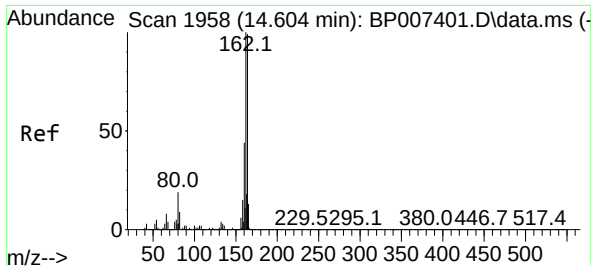
Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 154.5 26.2 39.2#
65 650.0 40.3 60.5#



#32
Benzoic acid
Concen: 6.496 ng
RT: 10.063 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:122 Resp: 21
Ion Ratio Lower Upper
122 100
105 245.8 105.9 145.9#
77 1150.0 74.6 114.6#

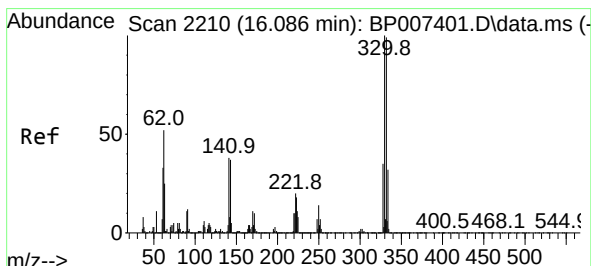
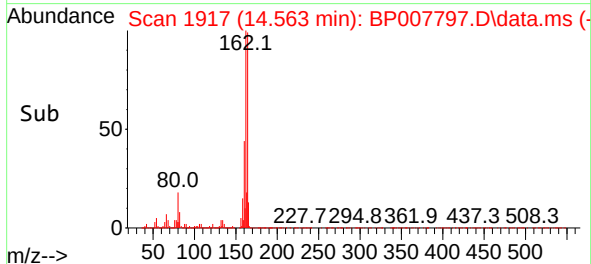
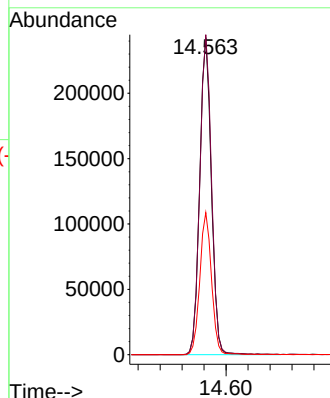
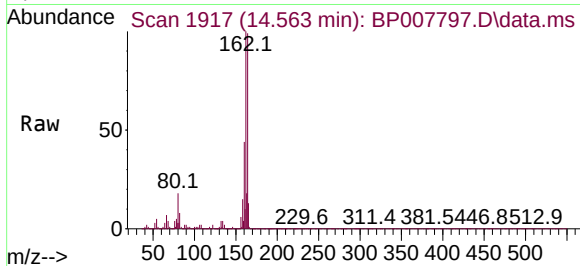




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

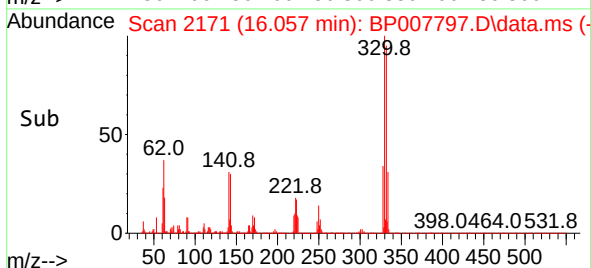
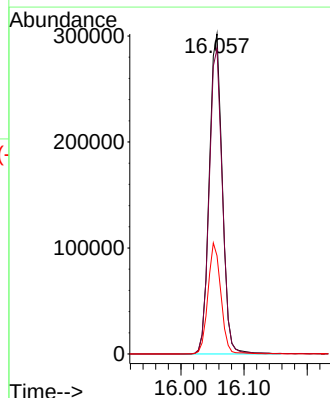
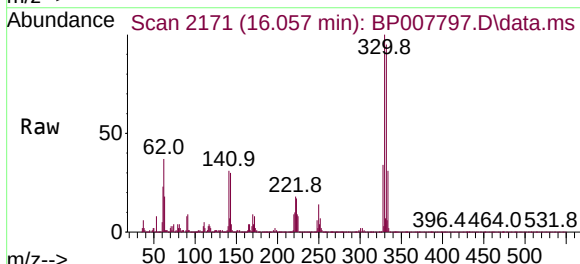
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ClientSampleId :
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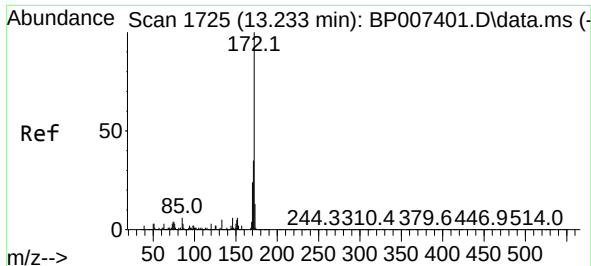
Tgt Ion:164 Resp: 357657
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 44.8 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 116.120 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:330 Resp: 431086
Ion Ratio Lower Upper
330 100
332 96.7 78.9 118.3
141 34.5 30.7 46.1

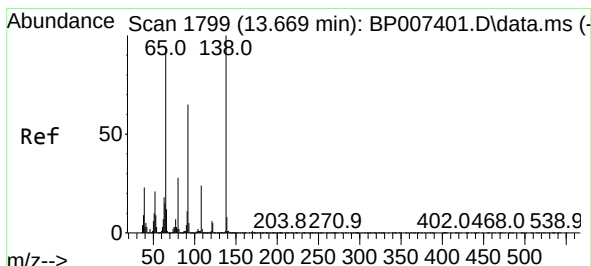
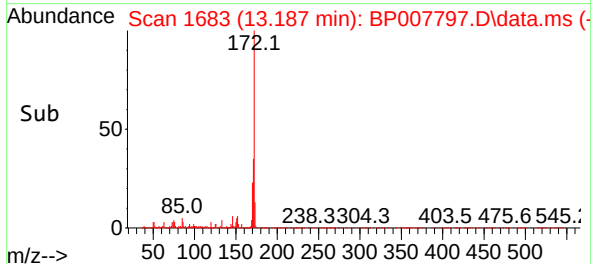
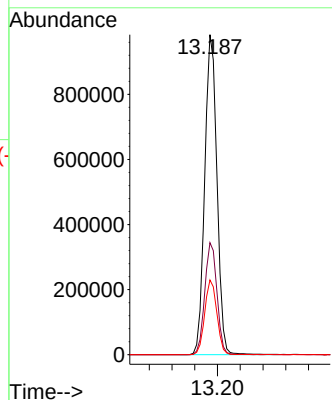
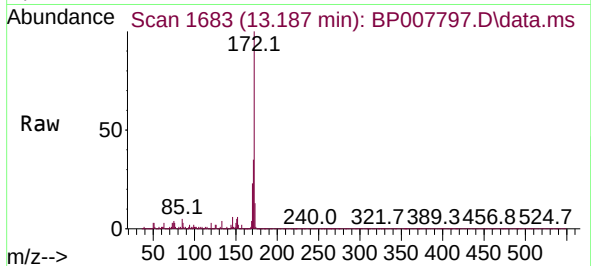




#45
2-Fluorobiphenyl
Concen: 62.624 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

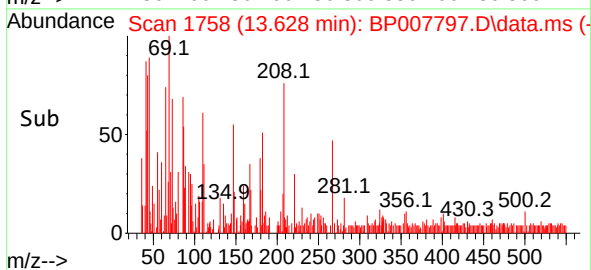
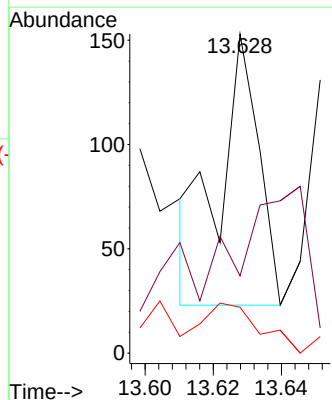
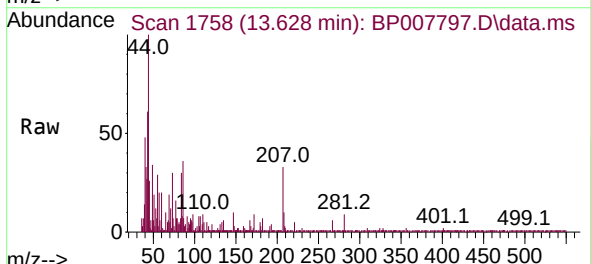
Instrument :
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T3-EP03-SW

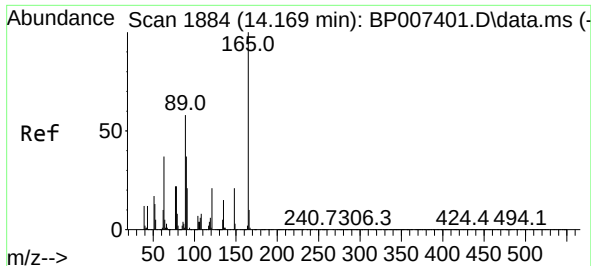
Tgt Ion:172 Resp: 1465341
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.4 19.0 28.4



#48
2-Nitroaniline
Concen: 3.919 ng
RT: 13.628 min Scan# 1758
Delta R.T. -0.018 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion: 65 Resp: 105
Ion Ratio Lower Upper
65 100
92 24.2 55.9 83.9#
138 14.4 86.3 129.5#

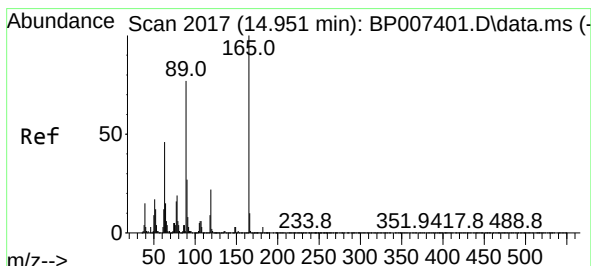
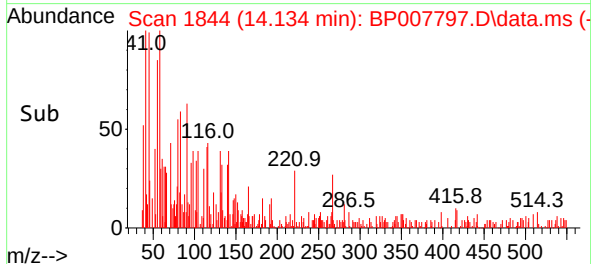
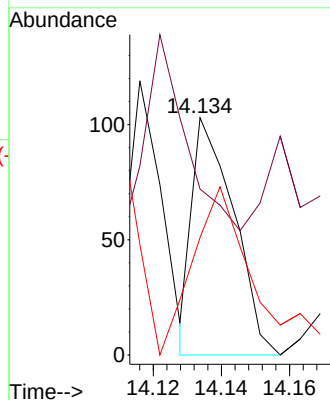
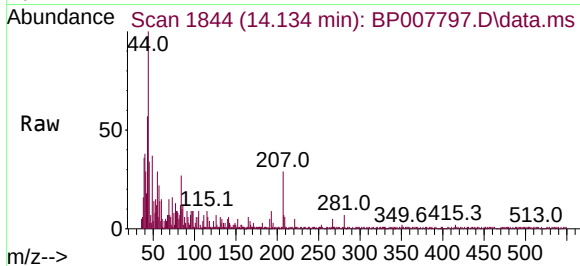




#51
2,6-Dinitrotoluene
Concen: 2.187 ng
RT: 14.134 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

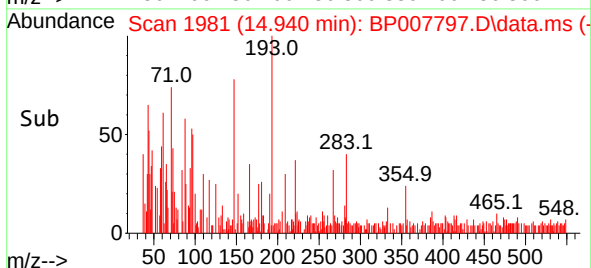
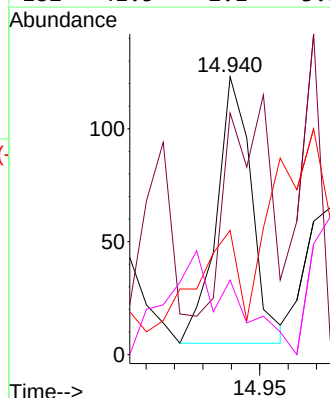
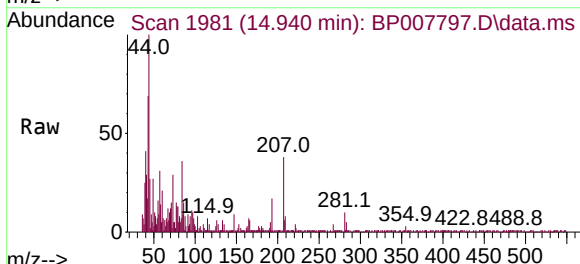
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

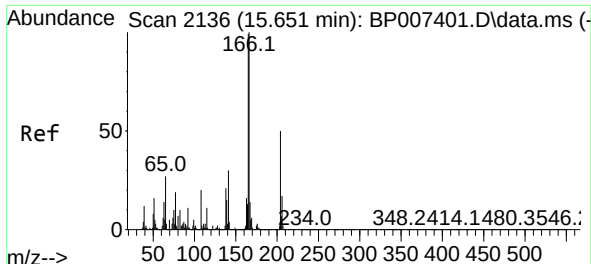
Tgt Ion:165 Resp: 88
Ion Ratio Lower Upper
165 100
63 69.9 44.2 66.2#
89 49.5 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.521 ng
RT: 14.940 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:165 Resp: 102
Ion Ratio Lower Upper
165 100
63 87.0 37.4 56.0#
89 44.7 61.8 92.6#
182 41.5 2.1 3.1#

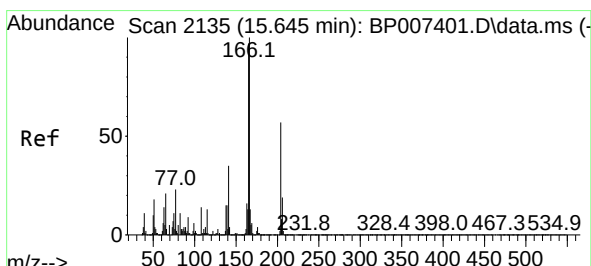
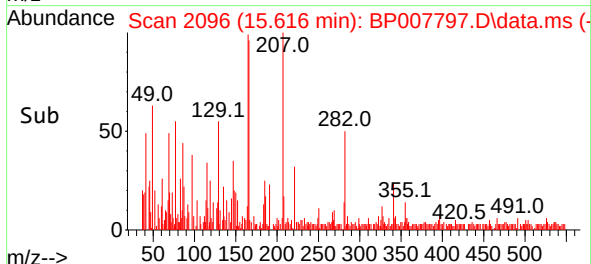
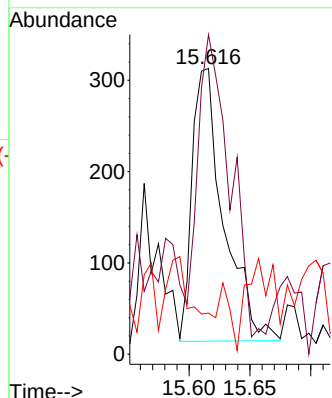
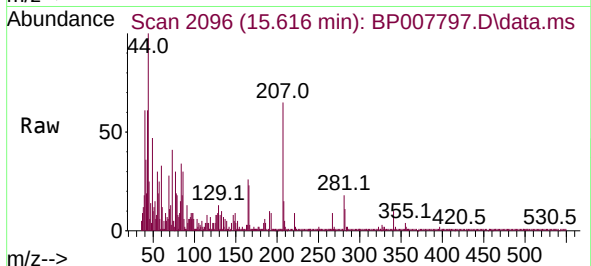




#58
Fluorene
Concen: Below Cal
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

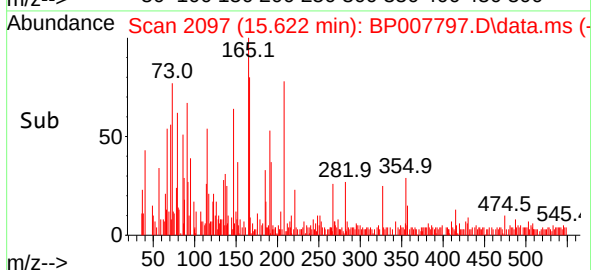
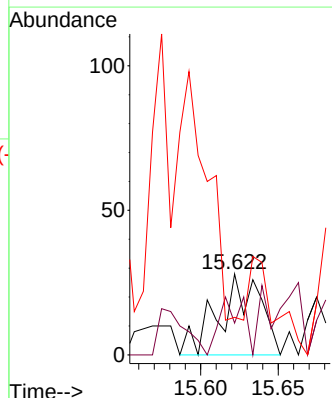
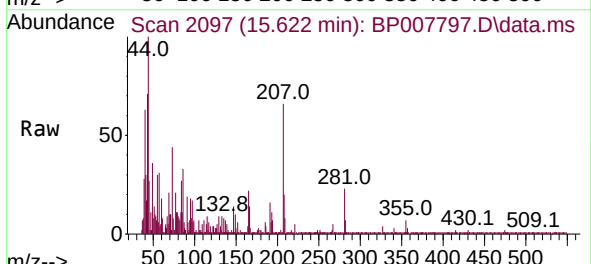
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

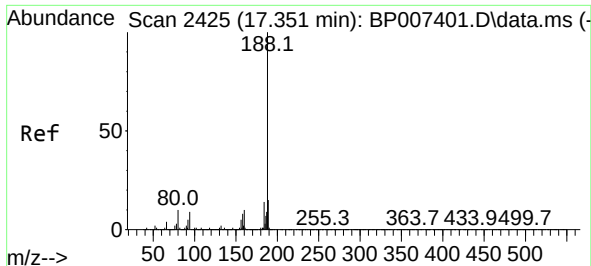
Tgt Ion:166 Resp: 539
Ion Ratio Lower Upper
166 100
165 111.8 78.9 118.3
167 14.4 10.9 16.3



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.622 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:204 Resp: 52
Ion Ratio Lower Upper
204 100
206 39.3 25.8 38.8#
141 46.4 48.8 73.2#

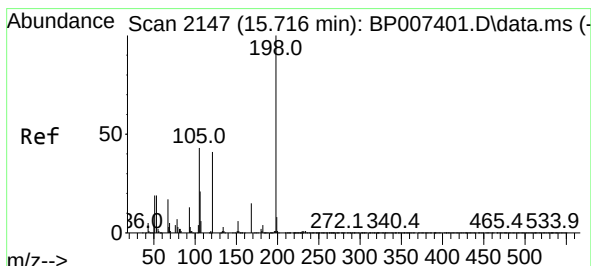
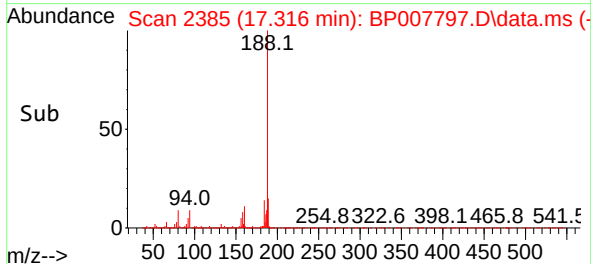
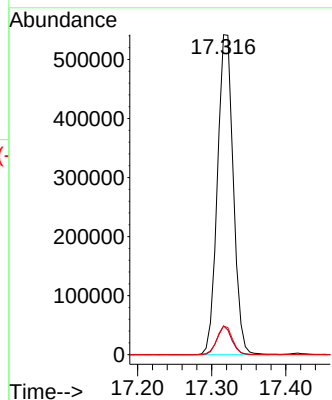
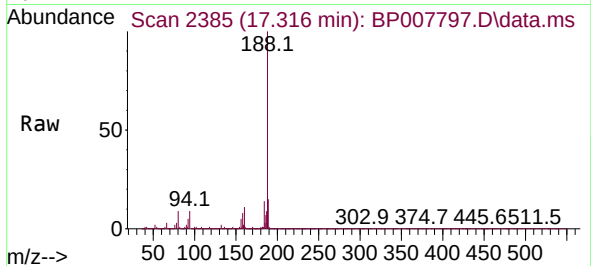




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

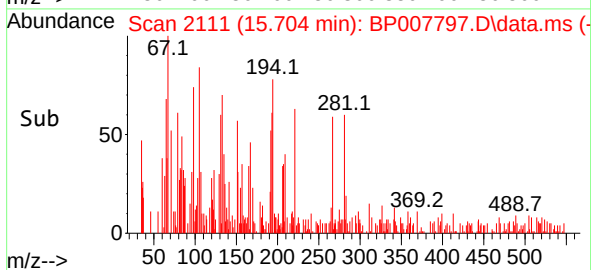
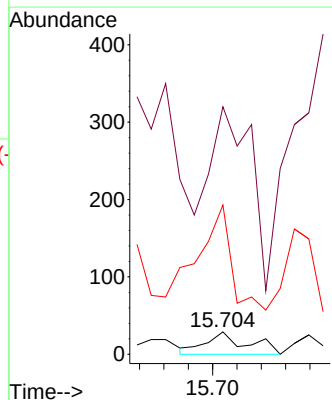
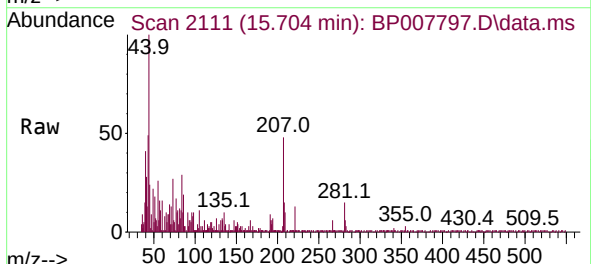
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

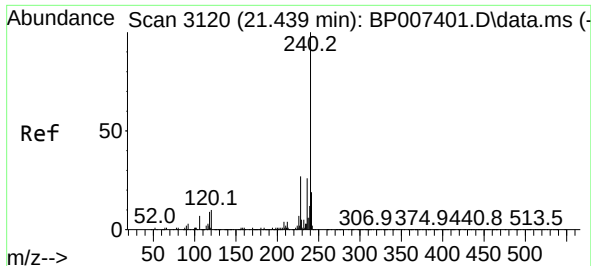
Tgt Ion:188 Resp: 806587
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 8.9 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.090 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 1103.4 23.8 63.8#
105 665.5 24.6 64.6#

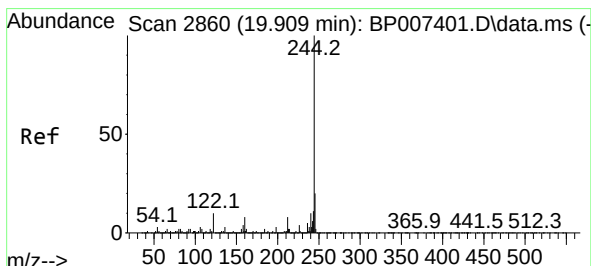
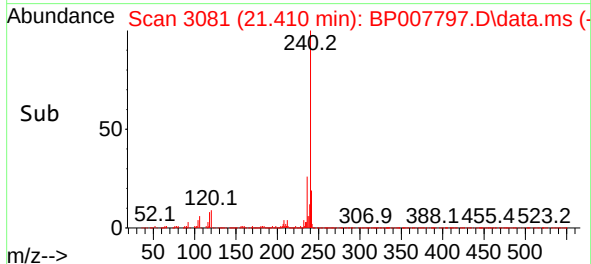
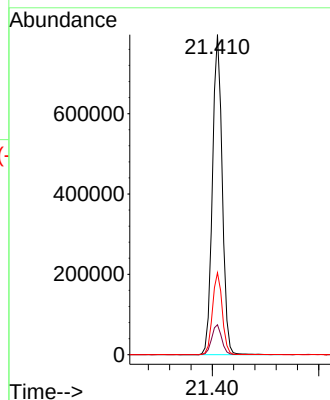
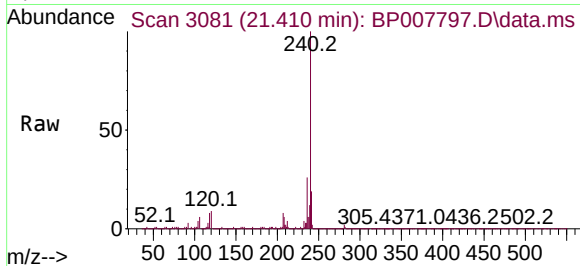




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

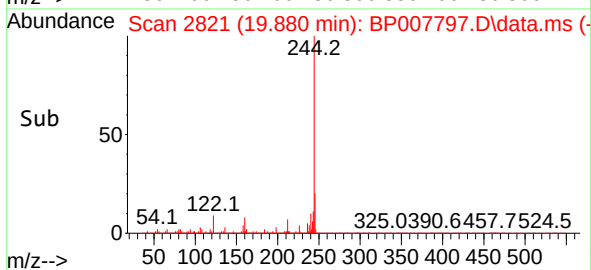
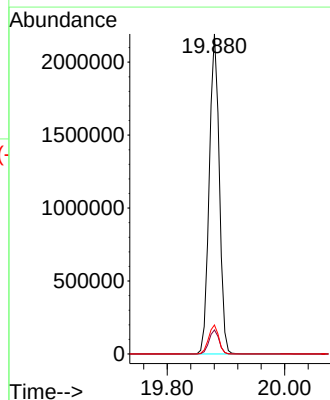
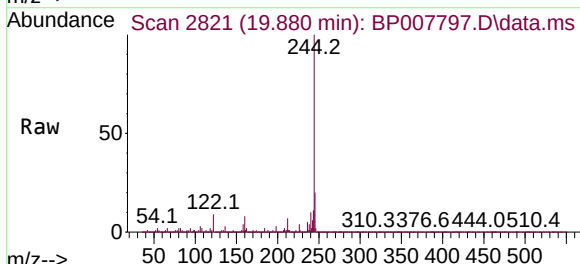
Instrument :
BNA_P
ClientSampleId :
T3-EP03-SW

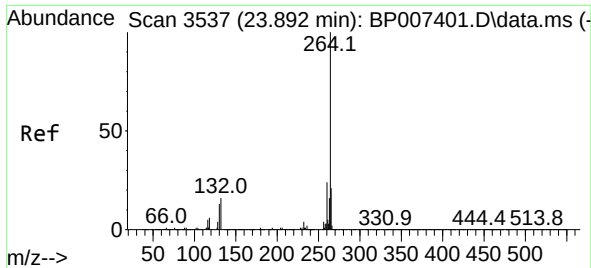
Tgt Ion:240 Resp: 1017914
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.8
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 51.949 ng
RT: 19.880 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007797.D
Acq: 01 Nov 2021 18:23

Tgt Ion:244 Resp: 2610807
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BP007797.D
 Acq: 01 Nov 2021 18:23

Instrument :
 BNA_P
 ClientSampleId :
 T3-EP03-SW

Tgt Ion:264 Resp: 1136179
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.2 16.7 25.1

