

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007794.D
 Acq On : 01 Nov 2021 16:41
 Operator : CG/JU
 Sample : M4424-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP02-N

Quant Time: Nov 01 17:14:57 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)

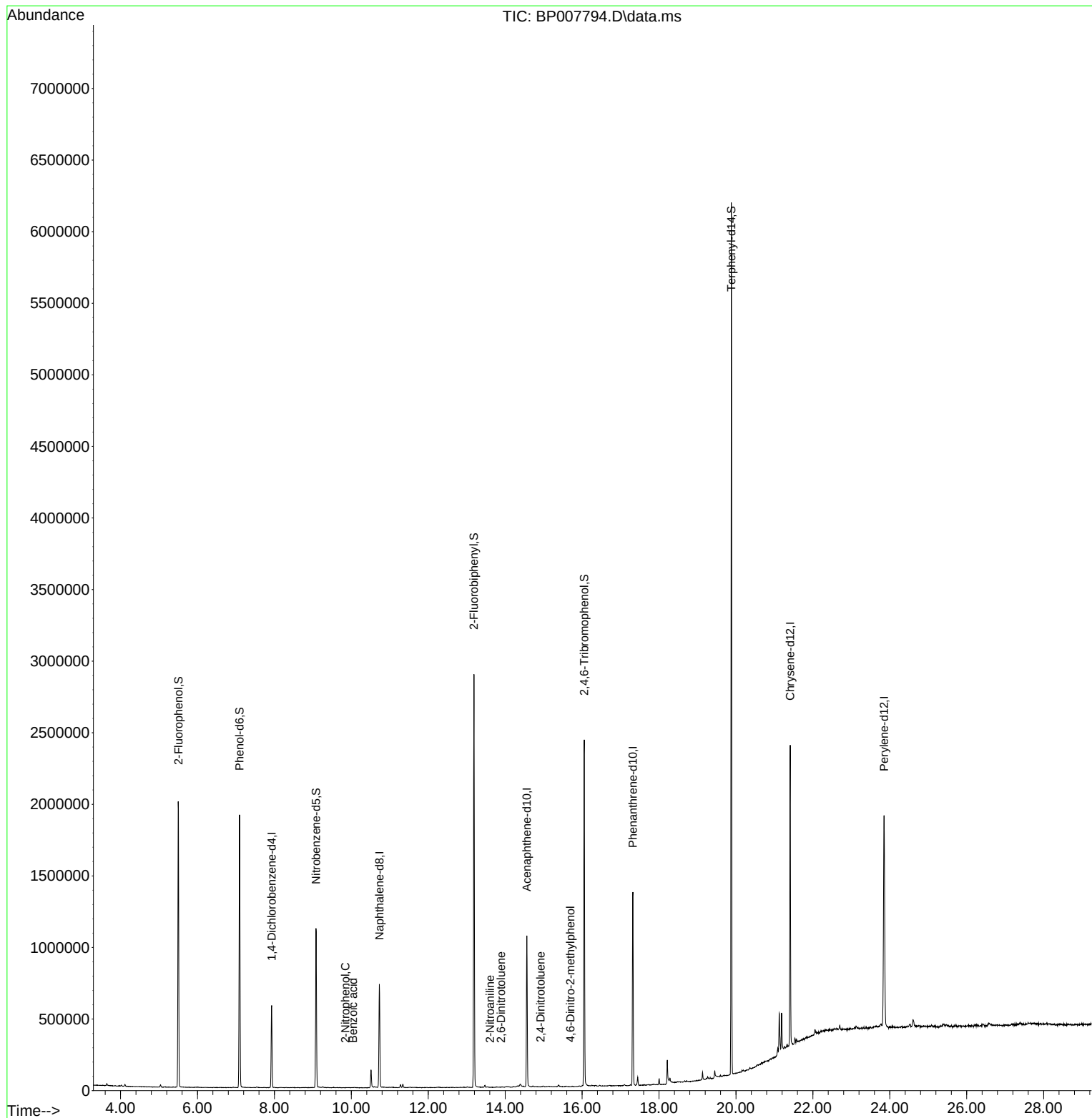
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	161884	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	598389	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	376289	20.000	ng	-0.01
64) Phenanthrene-d10	17.322	188	844517	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1050134	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1184100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	873257	89.408	ng	0.00
7) Phenol-d6	7.093	99	1064717	80.911	ng	0.00
23) Nitrobenzene-d5	9.081	82	651619	67.204	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	462953	118.529	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1516730	61.611	ng	-0.01
79) Terphenyl-d14	19.880	244	2703268	52.138	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.093	77	2190	Below Cal	Qvalue #	10
26) 2-Nitrophenol	9.846	139	11	3.970 ng	#	1
32) Benzoic acid	10.046	122	170	6.521 ng	#	1
48) 2-Nitroaniline	13.610	65	187	3.933 ng	#	35
51) 2,6-Dinitrotoluene	13.893	165	72	2.183 ng		91
57) 2,4-Dinitrotoluene	14.922	165	243	3.540 ng	#	57
58) Fluorene	15.798	166	48	Below Cal		88
61) 4-Chlorophenyl-phenyle...	15.822	204	27	Below Cal		95
65) 4,6-Dinitro-2-methylph...	15.698	198	12	5.084 ng	#	1

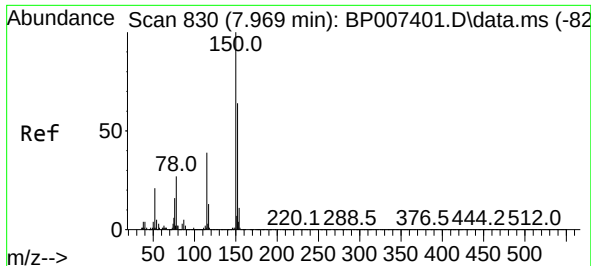
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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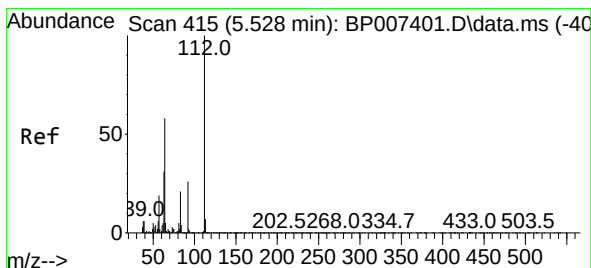
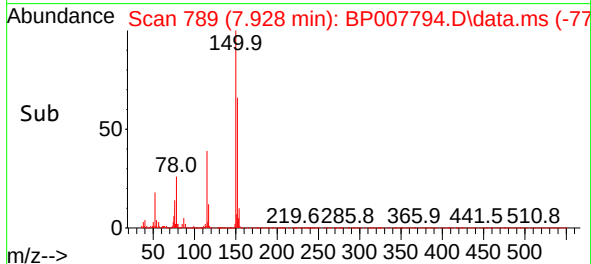
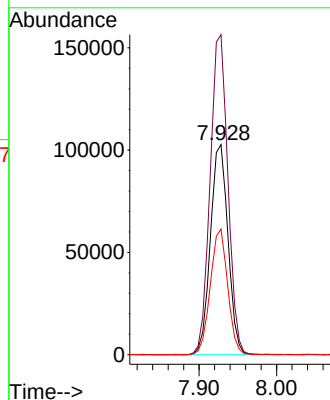
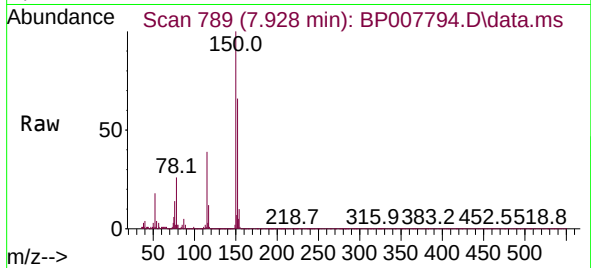




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

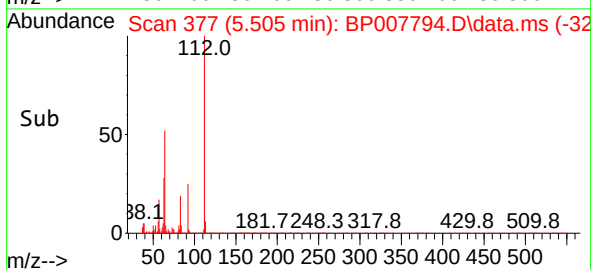
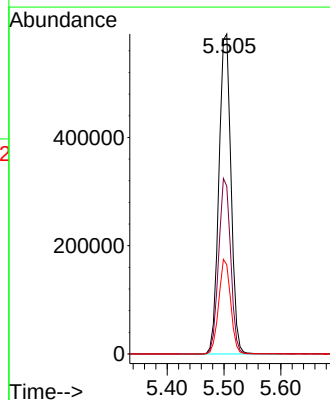
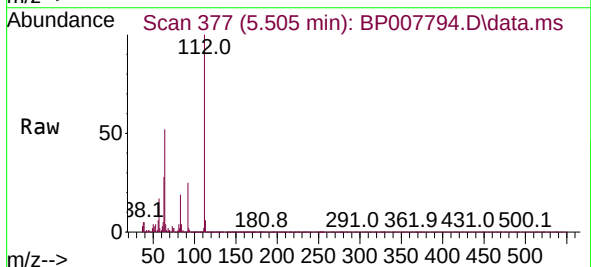
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

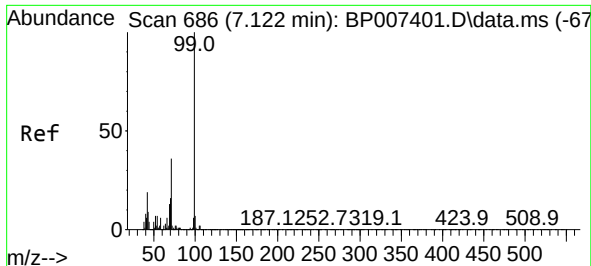
Tgt Ion:152 Resp: 161884
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 59.8 48.1 72.1



#5
2-Fluorophenol
Concen: 89.408 ng
RT: 5.505 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:112 Resp: 873257
Ion Ratio Lower Upper
112 100
64 52.4 46.6 70.0
63 27.9 25.0 37.6

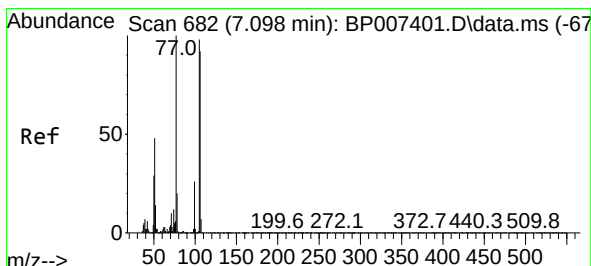
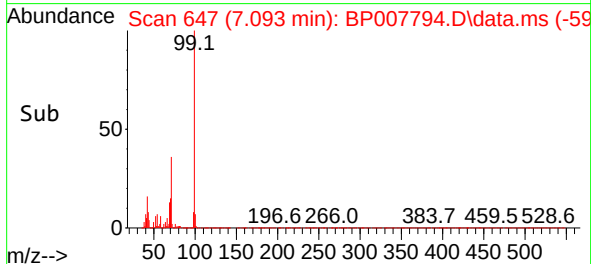
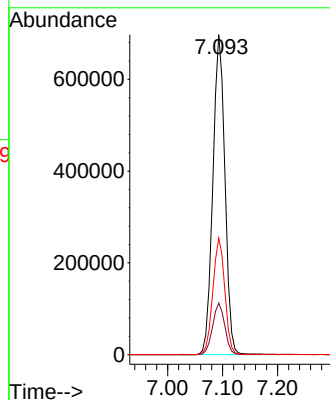
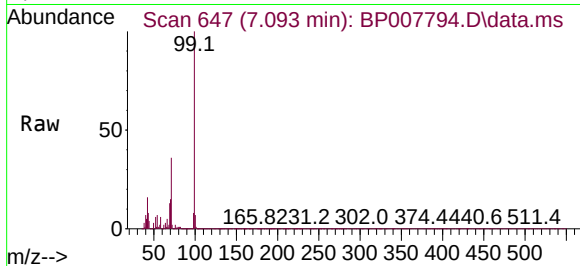




#7
Phenol-d6
Concen: 80.911 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

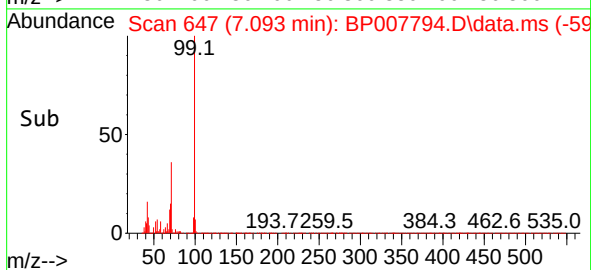
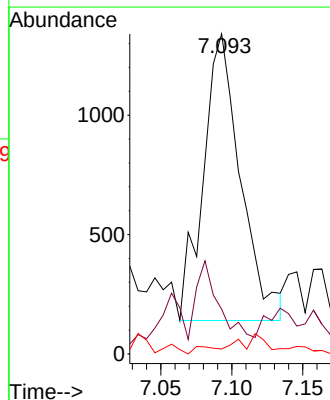
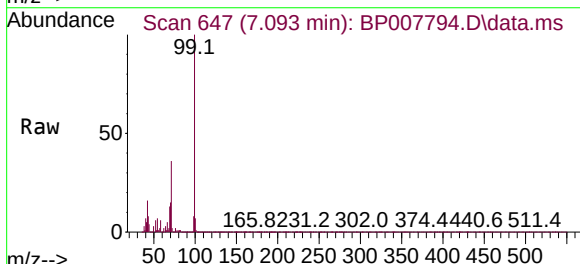
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

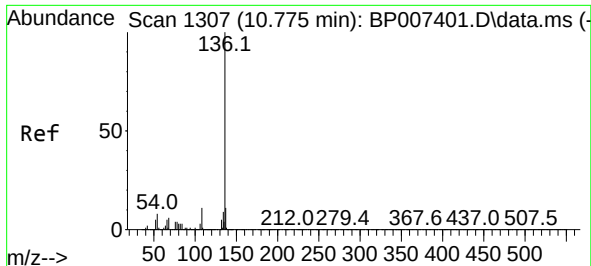
Tgt Ion: 99 Resp: 1064717
Ion Ratio Lower Upper
99 100
42 16.1 14.9 22.3
71 36.5 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.093 min Scan# 647
Delta R.T. 0.029 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion: 77 Resp: 2190
Ion Ratio Lower Upper
77 100
105 14.0 77.5 117.5#
106 1.6 72.1 112.1#

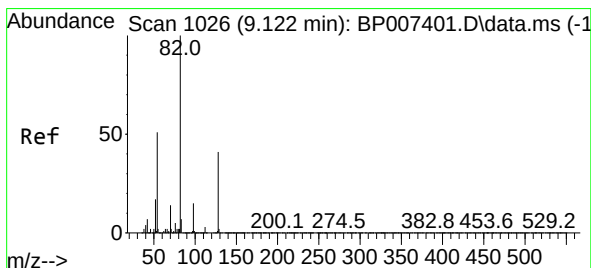
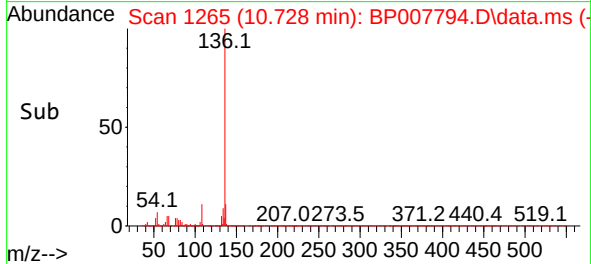
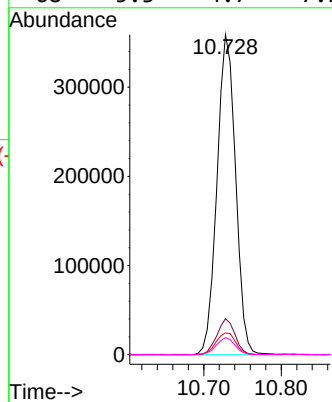
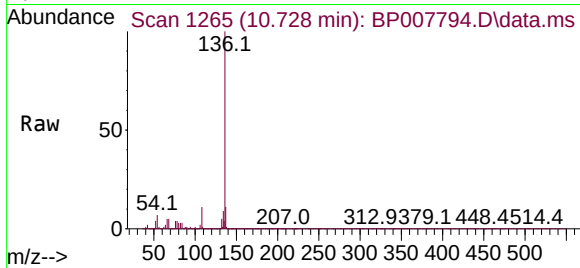




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

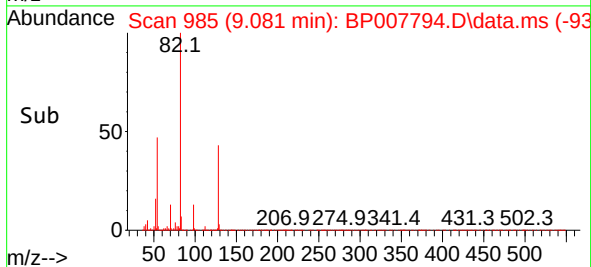
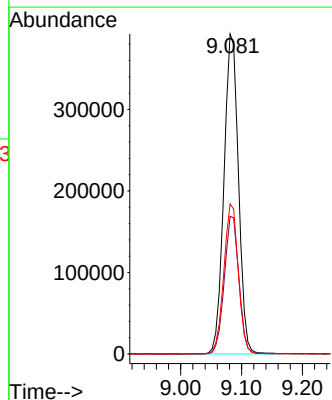
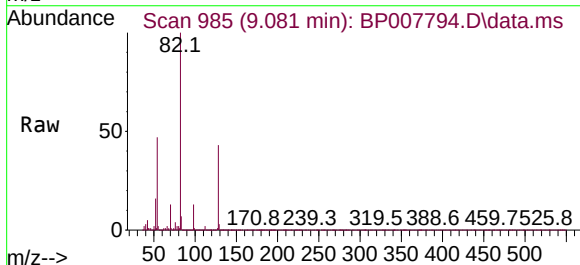
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

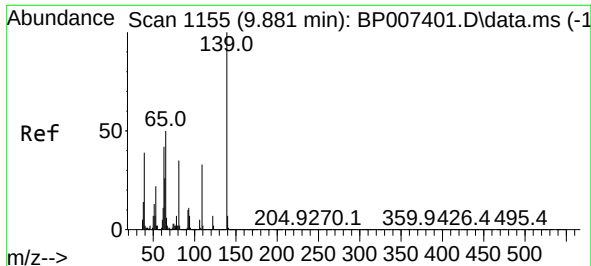
Tgt Ion:	136	Resp:	598389
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.8	6.2	9.4
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 67.204 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:	82	Resp:	651619
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	48.8
54	46.8	40.4	60.6

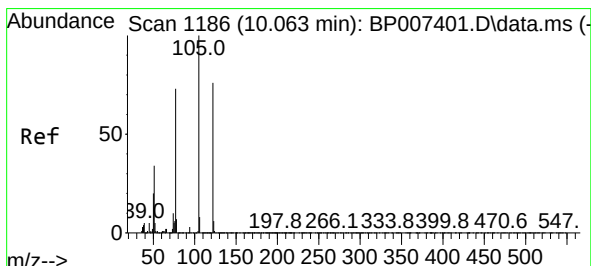
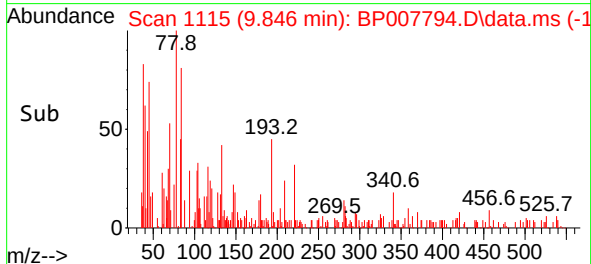
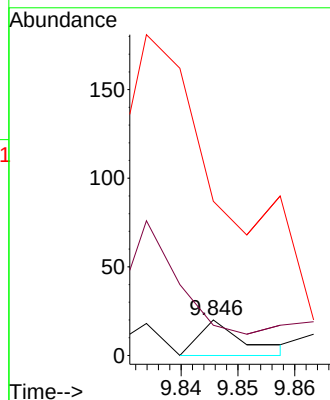
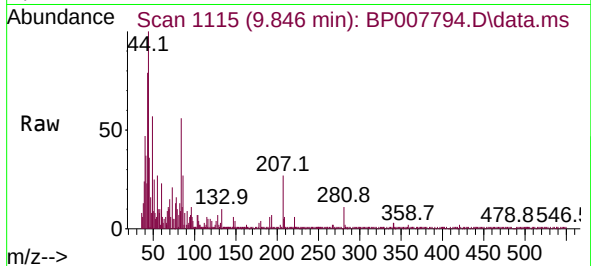




#26
2-Nitrophenol
Concen: 3.970 ng
RT: 9.846 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

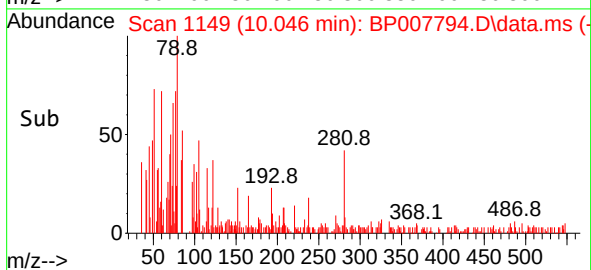
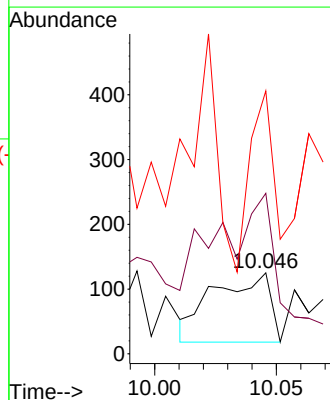
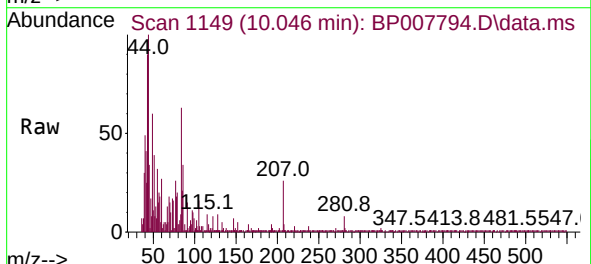
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

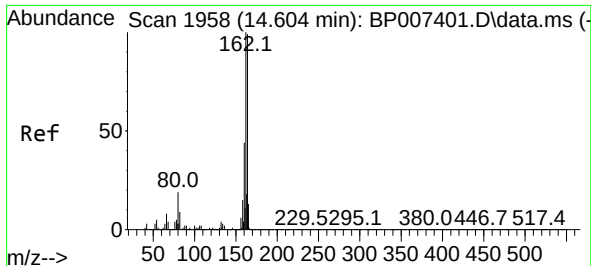
Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 85.0 26.2 39.2#
65 435.0 40.3 60.5#



#32
Benzoic acid
Concen: 6.521 ng
RT: 10.046 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:122 Resp: 170
Ion Ratio Lower Upper
122 100
105 198.4 105.9 145.9#
77 324.8 74.6 114.6#

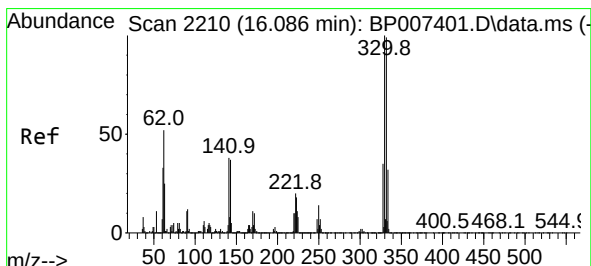
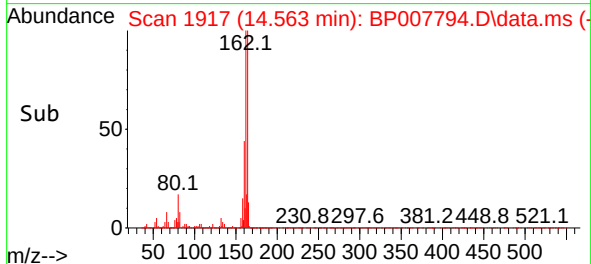
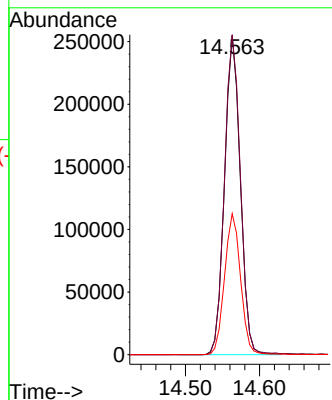
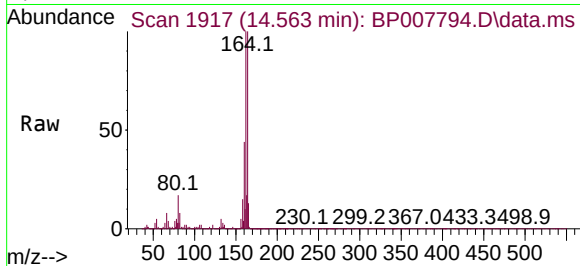




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

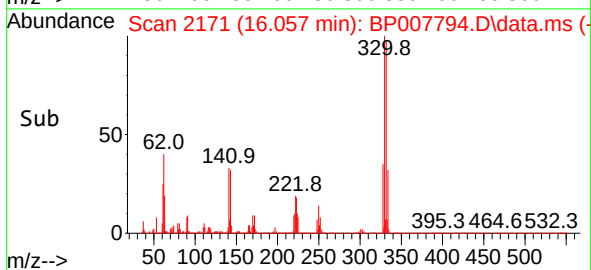
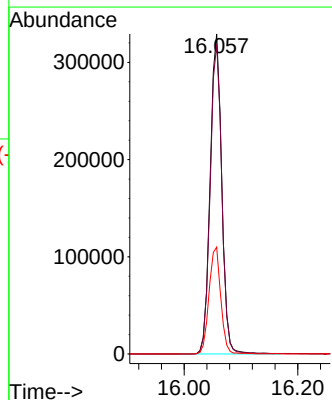
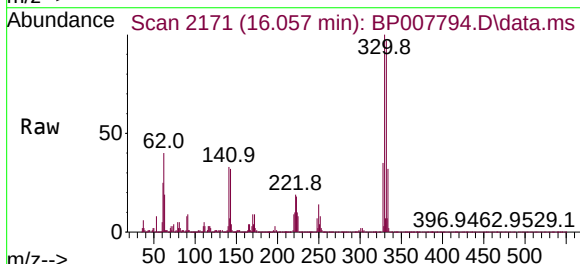
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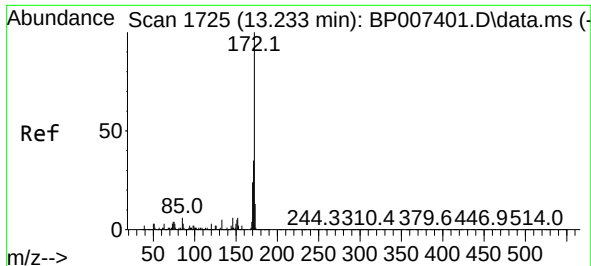
Tgt Ion:164 Resp: 376289
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 44.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 118.529 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:330 Resp: 462953
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 34.0 30.7 46.1

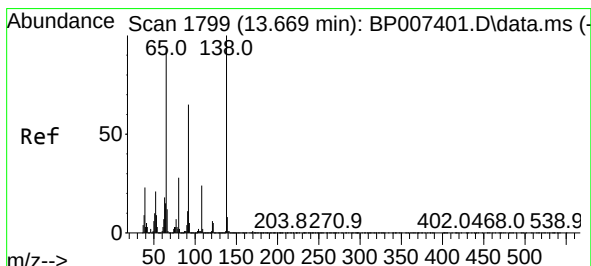
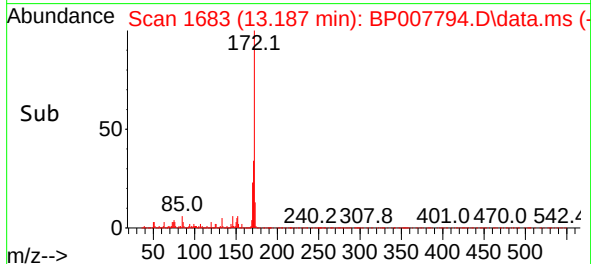
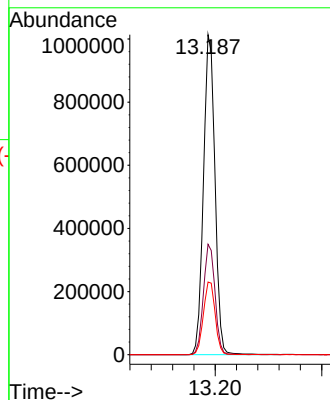
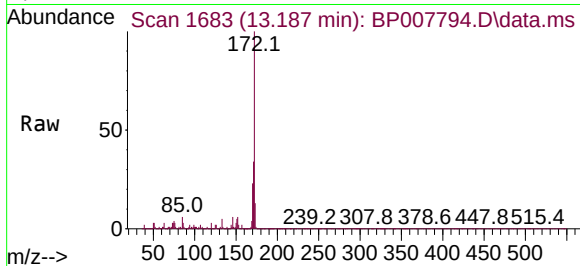




#45
2-Fluorobiphenyl
Concen: 61.611 ng
RT: 13.187 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

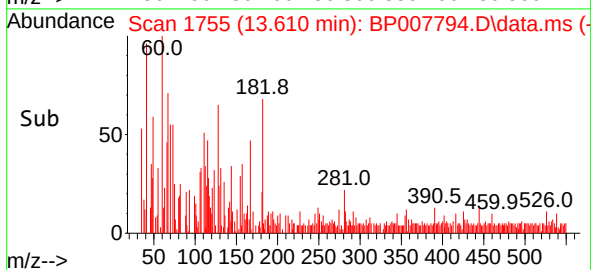
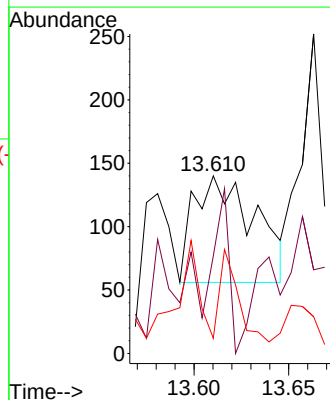
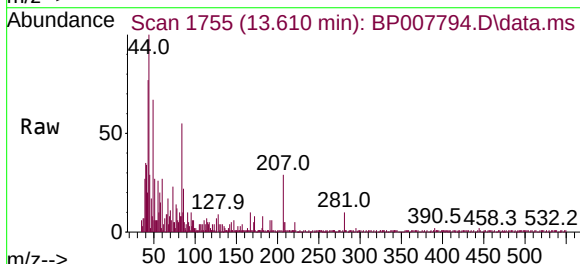
Instrument :
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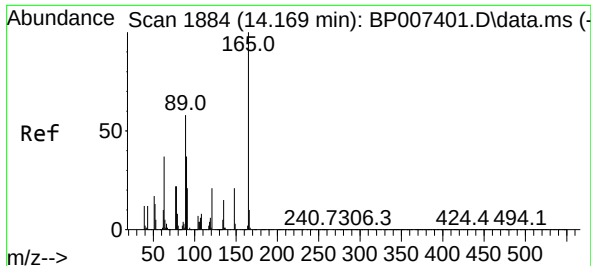
Tgt Ion:172 Resp: 1516730
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.7 19.0 28.4



#48
2-Nitroaniline
Concen: 3.933 ng
RT: 13.610 min Scan# 1755
Delta R.T. -0.035 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion: 65 Resp: 187
Ion Ratio Lower Upper
65 100
92 55.0 55.9 83.9#
138 8.6 86.3 129.5#

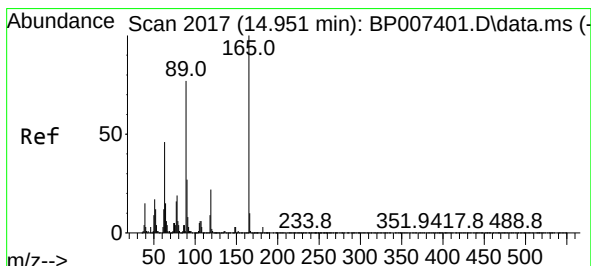
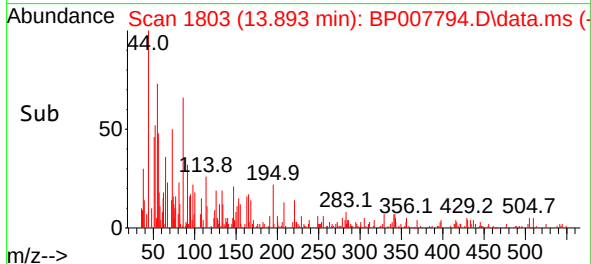
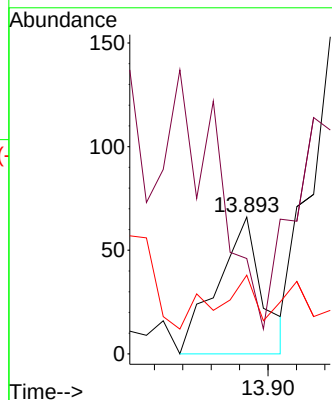
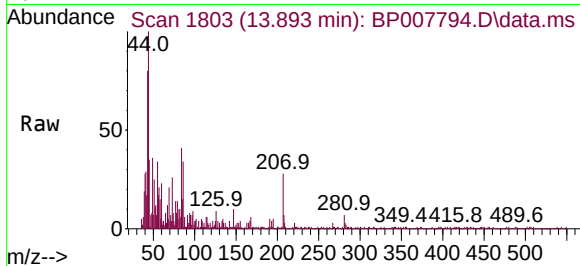




#51
2,6-Dinitrotoluene
Concen: 2.183 ng
RT: 13.893 min Scan# 11
Delta R.T. -0.253 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

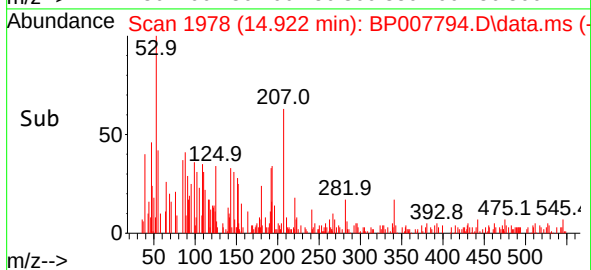
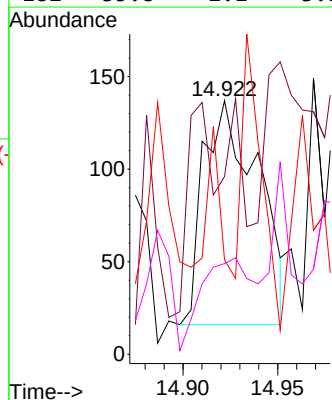
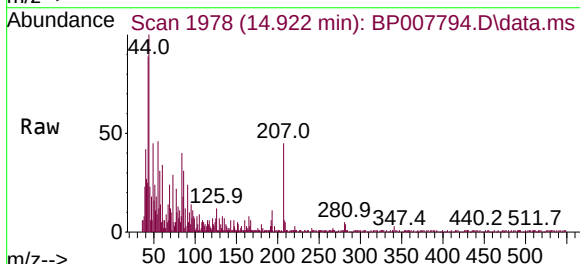
Instrument :
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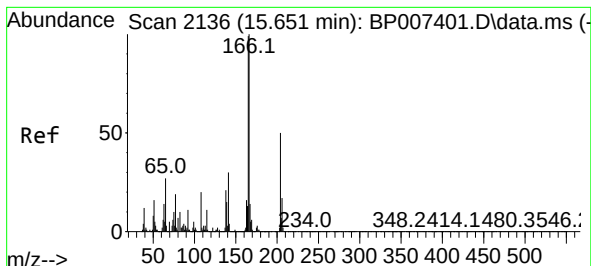
Tgt Ion:165 Resp: 72
Ion Ratio Lower Upper
165 100
63 58.2 44.2 66.2
89 48.1 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.540 ng
RT: 14.922 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:165 Resp: 243
Ion Ratio Lower Upper
165 100
63 70.1 37.4 56.0#
89 37.2 61.8 92.6#
182 35.8 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 15.798 min Scan# 2127

Delta R.T. 0.176 min

Lab File: BP007794.D

Acq: 01 Nov 2021 16:41

Instrument :

BNA_P

ClientSampleId :

T2-EP02-N

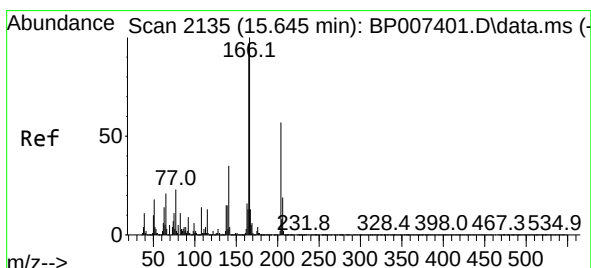
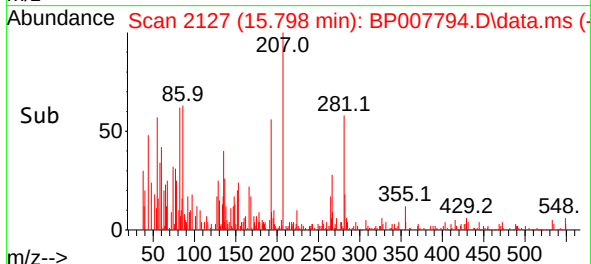
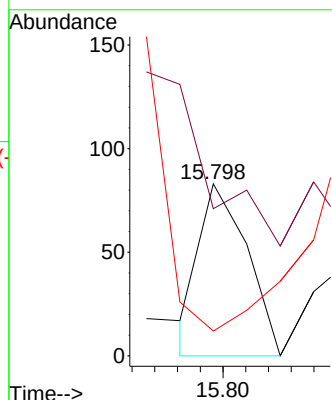
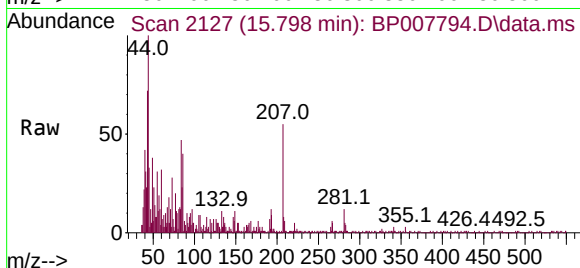
Tgt Ion:166 Resp: 48

Ion Ratio Lower Upper

166 100

165 85.5 78.9 118.3

167 14.5 10.9 16.3



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.822 min Scan# 2131

Delta R.T. 0.206 min

Lab File: BP007794.D

Acq: 01 Nov 2021 16:41

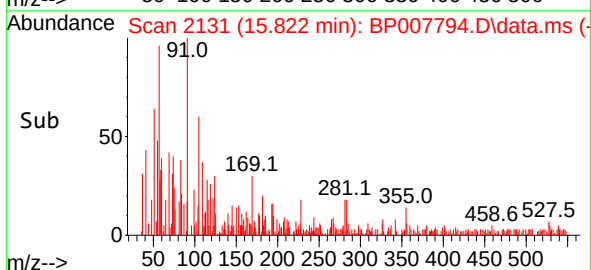
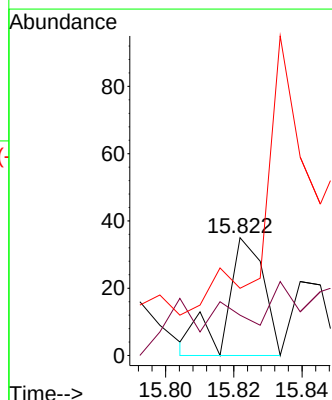
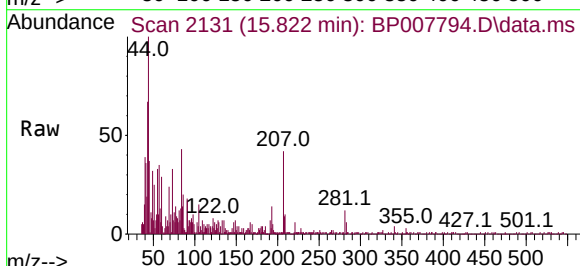
Tgt Ion:204 Resp: 27

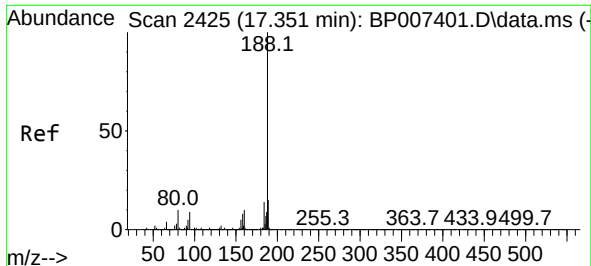
Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.8

141 57.1 48.8 73.2

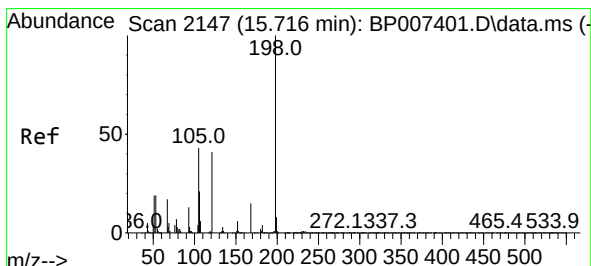
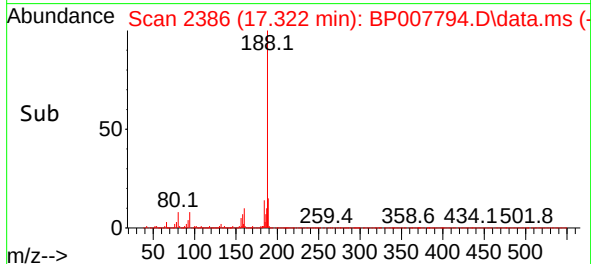
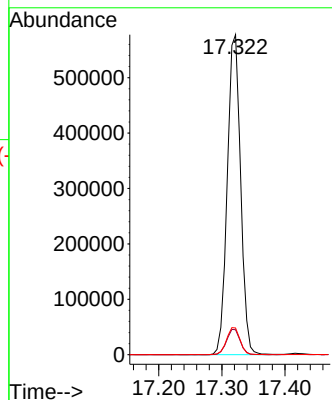
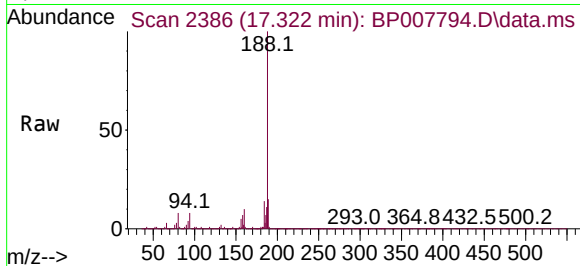




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

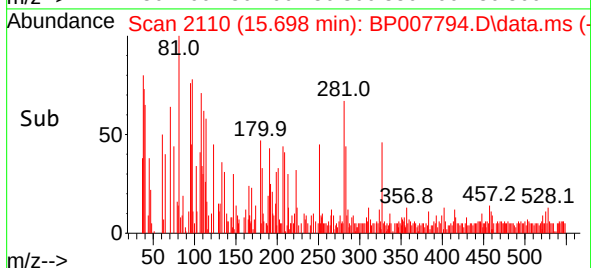
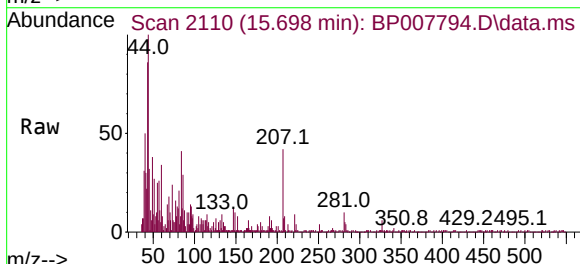
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

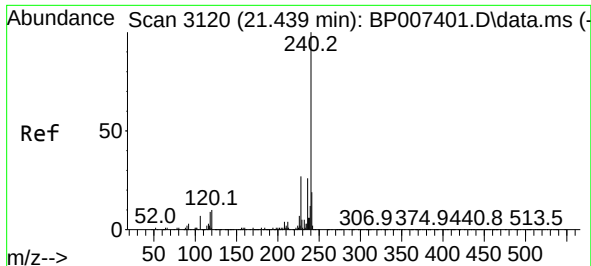
Tgt Ion:188 Resp: 844517
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.4 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 1885.2 23.8 63.8#
105 548.1 24.6 64.6#

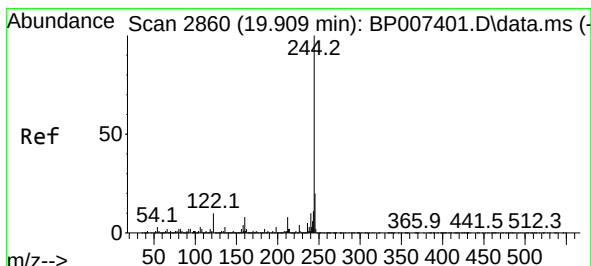
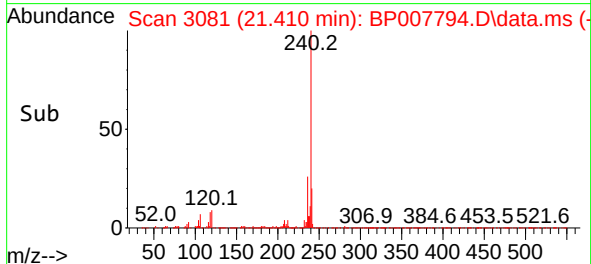
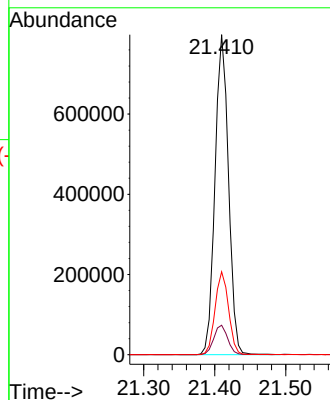
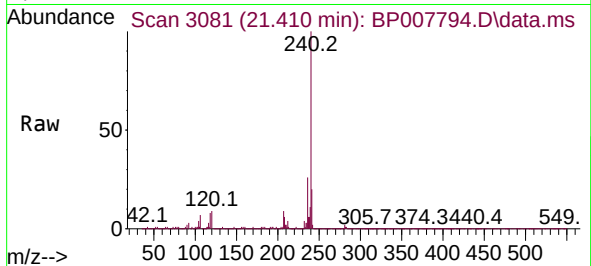




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

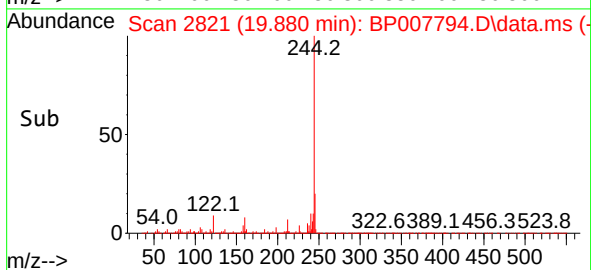
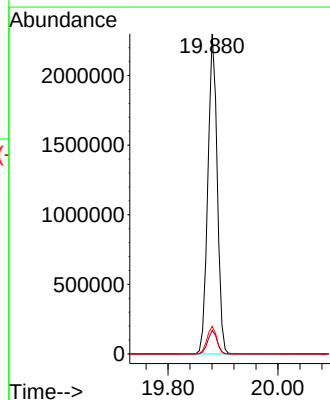
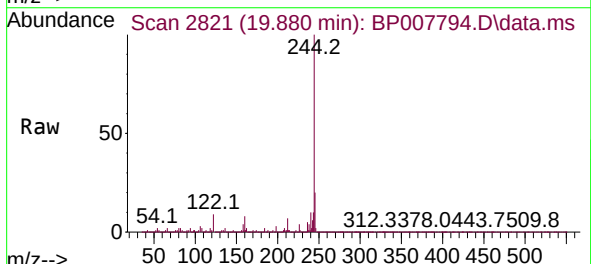
Instrument :
BNA_P
ClientSampleId :
T2-EP02-N

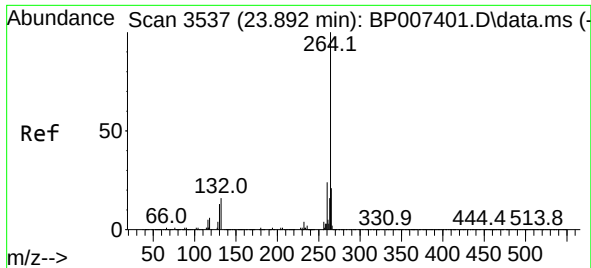
Tgt Ion:240 Resp: 1050134
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.8
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 52.138 ng
RT: 19.880 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007794.D
Acq: 01 Nov 2021 16:41

Tgt Ion:244 Resp: 2703268
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.7 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: BP007794.D
 Acq: 01 Nov 2021 16:41

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP02-N

Tgt Ion:264 Resp: 1184100
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.2 16.7 25.1

