

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007798.D
 Acq On : 01 Nov 2021 18:57
 Operator : CG/JU
 Sample : M4424-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T3-EP02-NE

Quant Time: Nov 02 01:50:37 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)

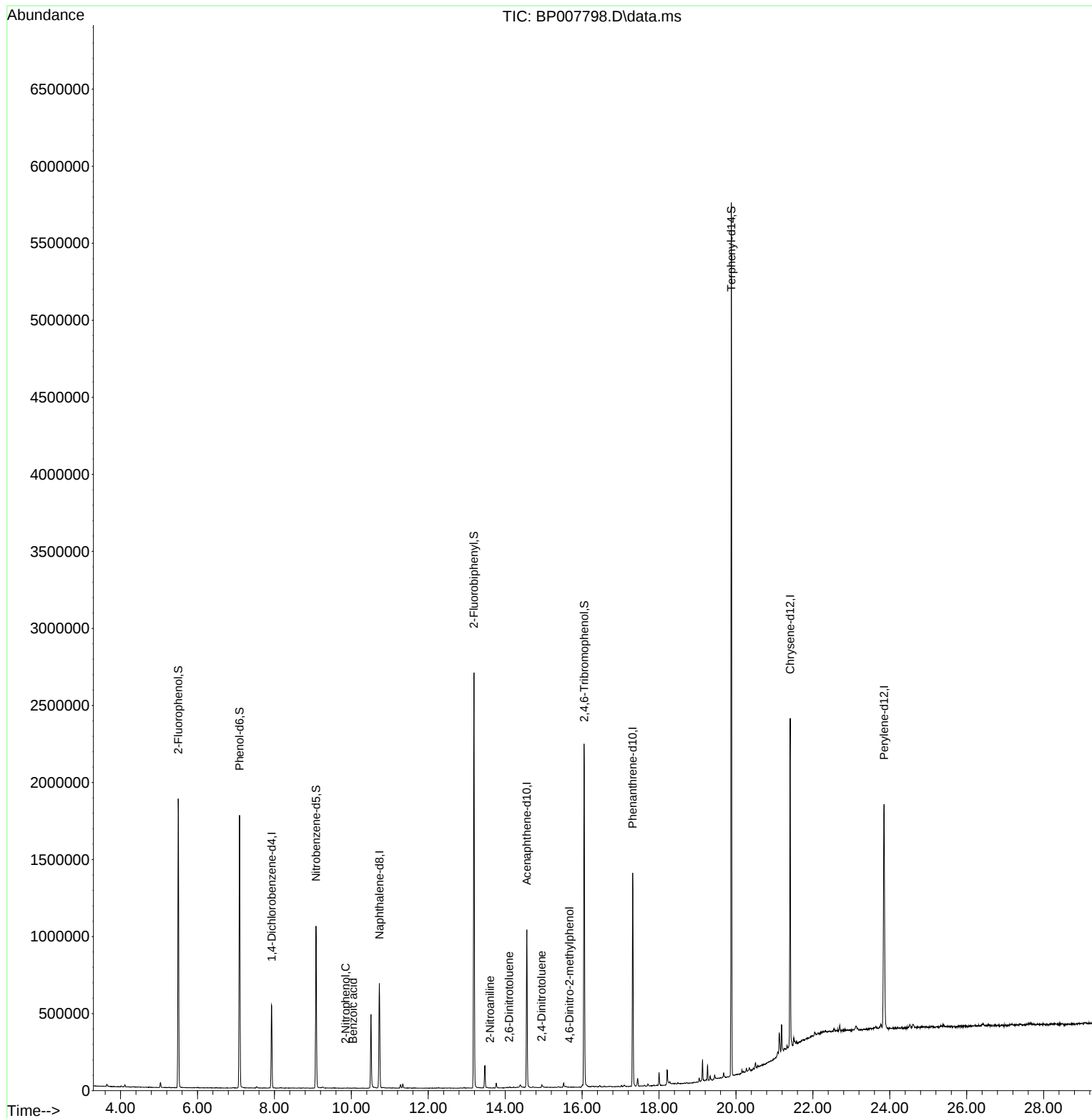
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	151224	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	566856	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	359887	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	837491	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1031304	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1123014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	812795	89.084	ng	0.00
7) Phenol-d6	7.093	99	1009421	82.117	ng	0.00
23) Nitrobenzene-d5	9.081	82	596450	64.936	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	428682	114.757	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1429095	60.697	ng	-0.01
79) Terphenyl-d14	19.880	244	2589221	50.850	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.093	77	2488	Below Cal	#	12
26) 2-Nitrophenol	9.851	139	17	3.971 ng	#	1
32) Benzoic acid	10.046	122	96	6.510 ng	#	44
48) 2-Nitroaniline	13.610	65	157	3.928 ng	#	12
51) 2,6-Dinitrotoluene	14.104	165	124	2.194 ng	#	94
57) 2,4-Dinitrotoluene	14.945	165	77	3.517 ng	#	1
58) Fluorene	15.616	166	281	Below Cal	#	64
61) 4-Chlorophenyl-phenyle...	15.745	204	28	Below Cal	#	92
65) 4,6-Dinitro-2-methylph...	15.669	198	10	5.084 ng	#	1

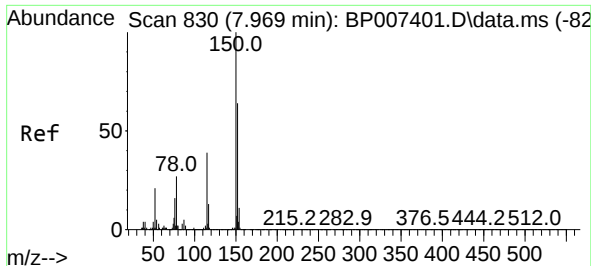
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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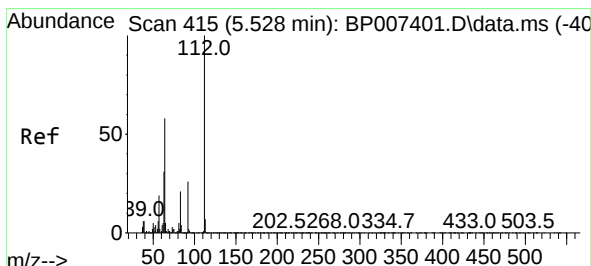
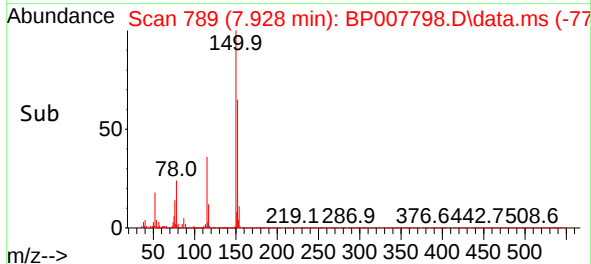
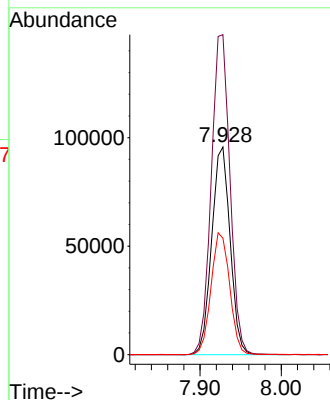
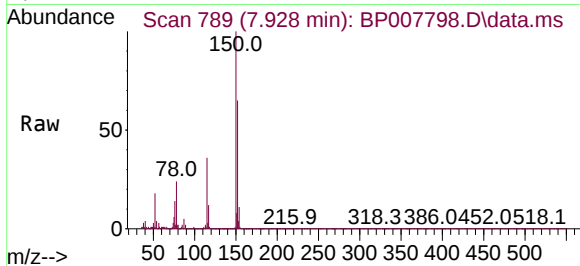




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP007798.D
 Acq: 01 Nov 2021 18:57

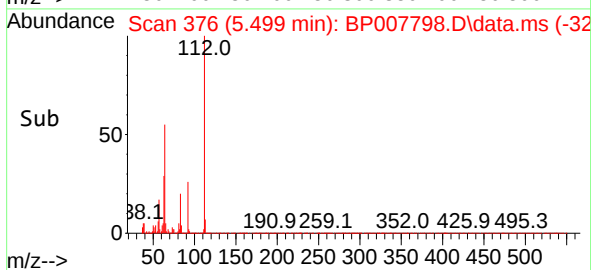
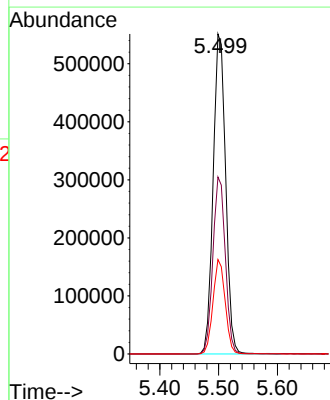
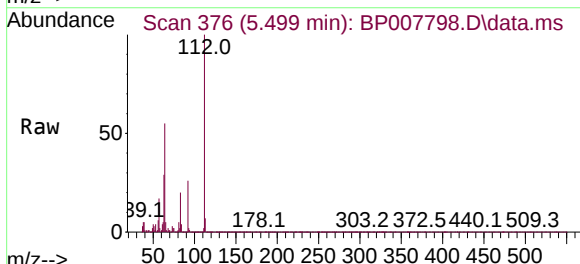
Instrument :
 BNA_P
 ClientSampleId :
 T3-EP02-NE

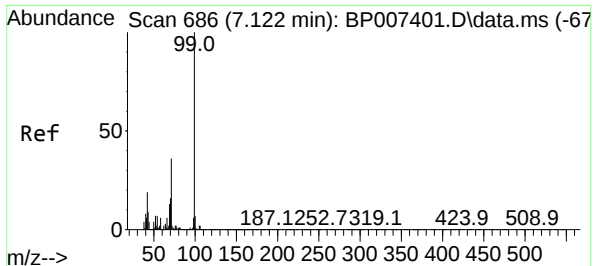
Tgt Ion:152 Resp: 151224
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.1 186.1
 115 56.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 89.084 ng
 RT: 5.499 min Scan# 376
 Delta R.T. -0.006 min
 Lab File: BP007798.D
 Acq: 01 Nov 2021 18:57

Tgt Ion:112 Resp: 812795
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.6 70.0
 63 29.5 25.0 37.6



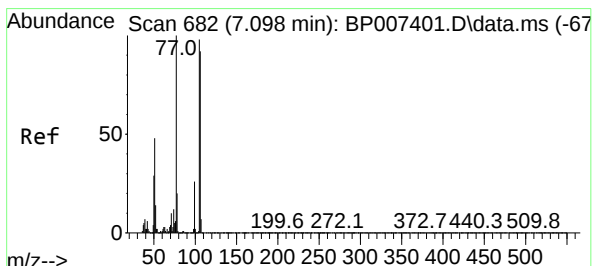
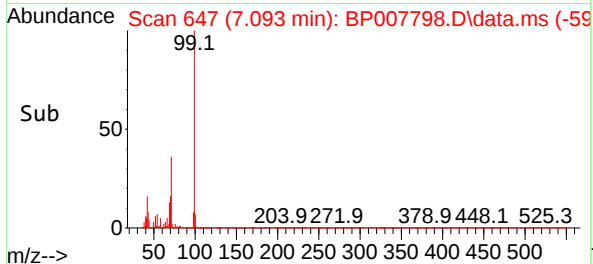
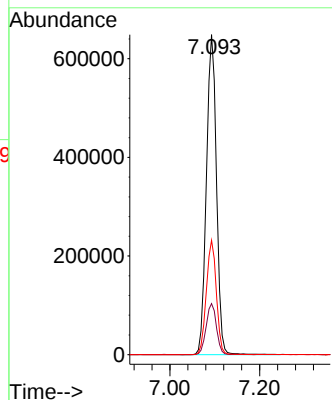
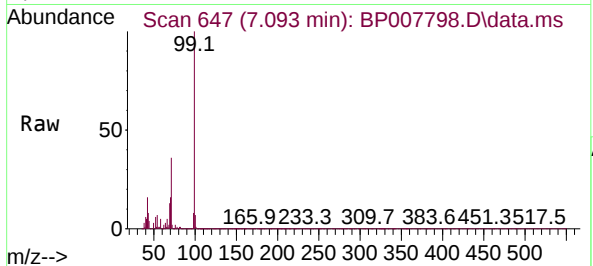


#7
Phenol-d6
Concen: 82.117 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

Tgt Ion: 99 Resp: 1009421

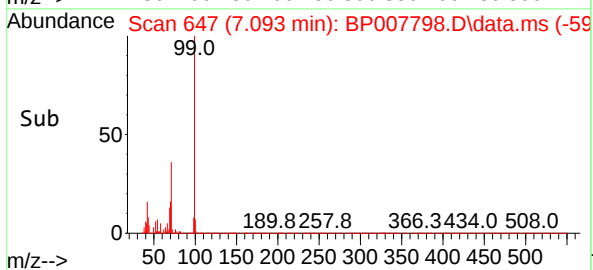
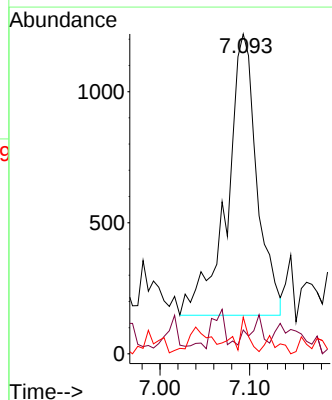
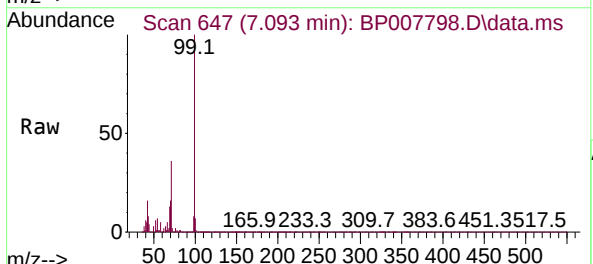
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.9	22.3
71	35.7	29.2	43.8

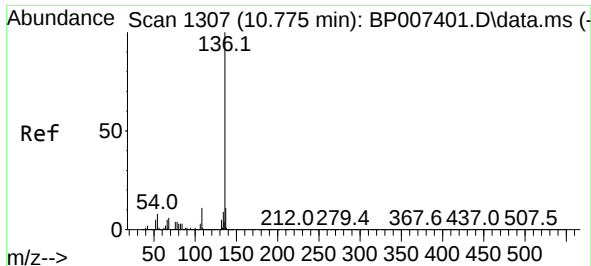


#9
Benzaldehyde
Concen: Below Cal
RT: 7.093 min Scan# 647
Delta R.T. 0.029 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 77 Resp: 2488

Ion	Ratio	Lower	Upper
77	100		
105	7.5	77.5	117.5#
106	11.5	72.1	112.1#

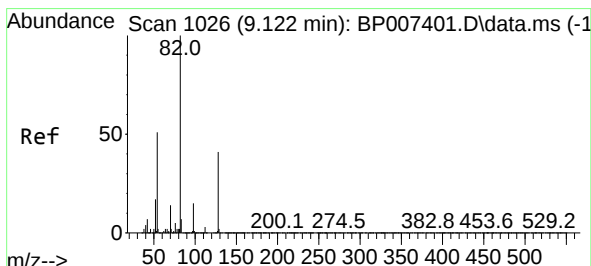
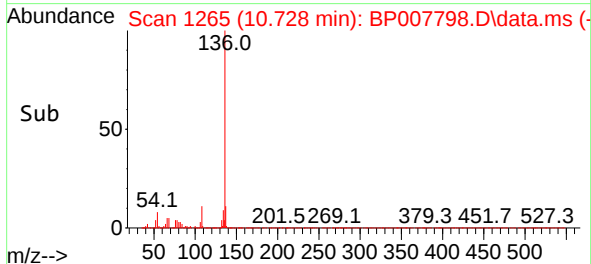
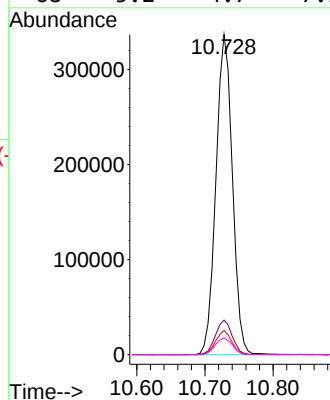
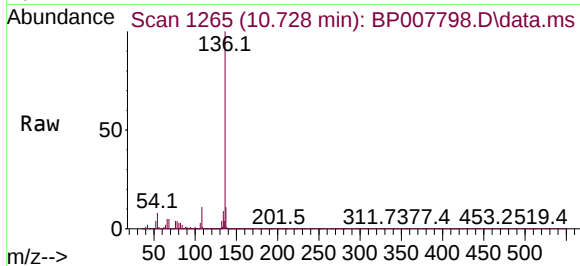




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

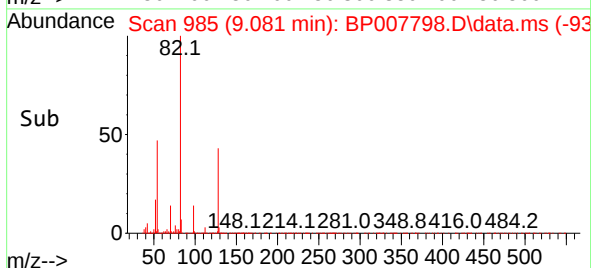
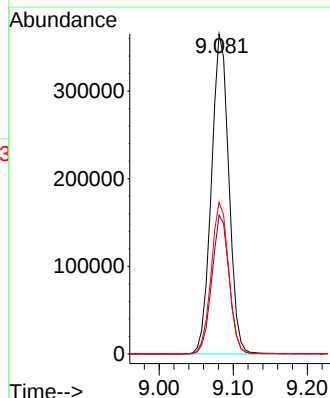
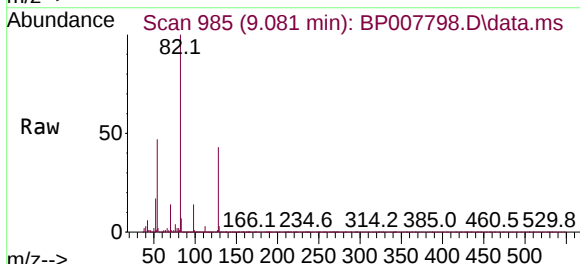
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

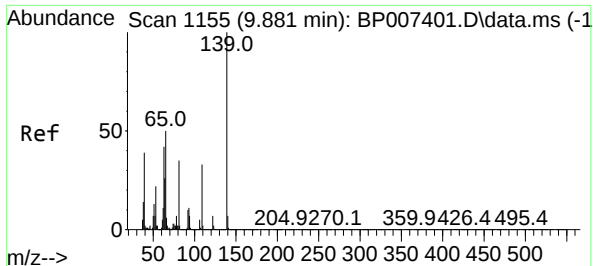
Tgt Ion:	136	Resp:	566856
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	6.2	9.4
68	5.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 64.936 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:	82	Resp:	596450
Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	48.8
54	47.4	40.4	60.6

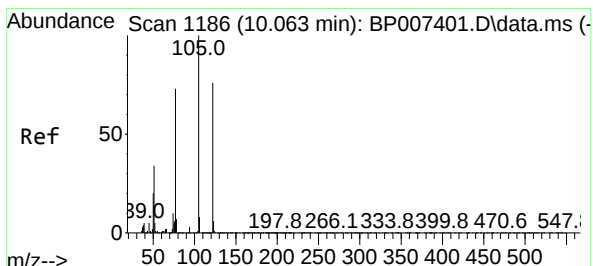
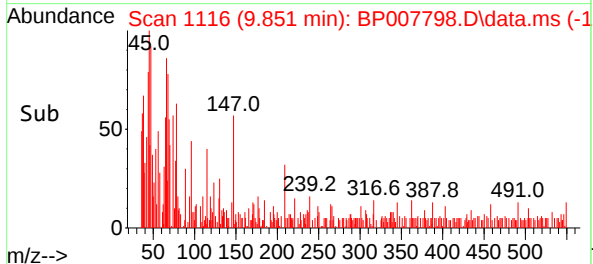
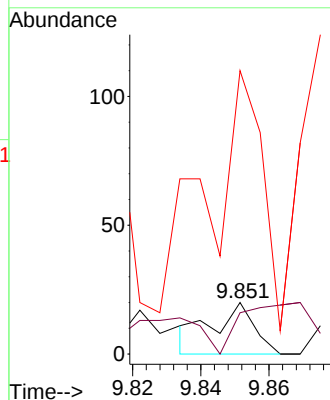
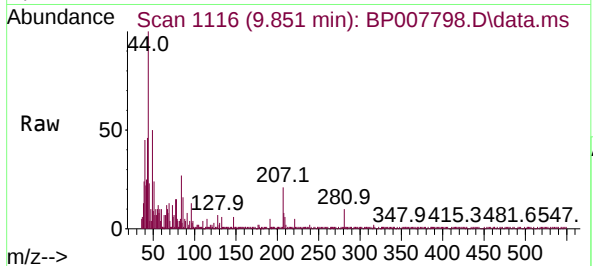




#26
2-Nitrophenol
Concen: 3.971 ng
RT: 9.851 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

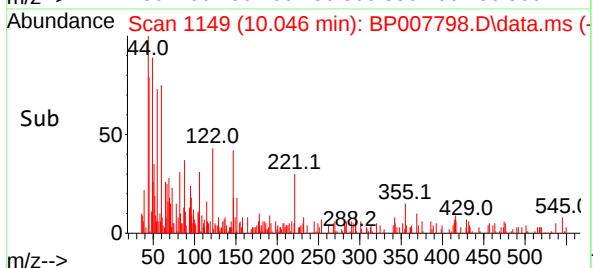
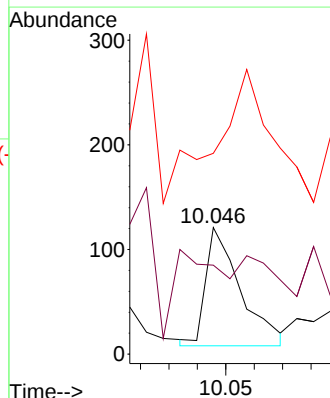
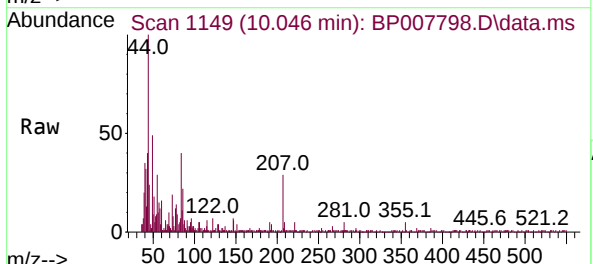
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

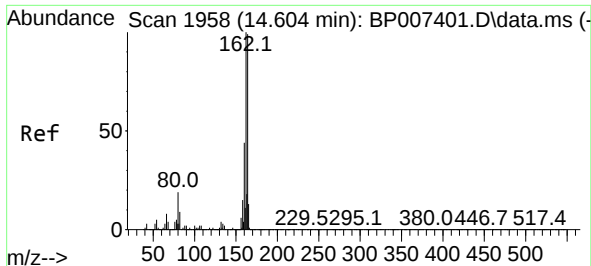
Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 80.0 26.2 39.2#
65 550.0 40.3 60.5#



#32
Benzoic acid
Concen: 6.510 ng
RT: 10.046 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 70.2 105.9 145.9#
77 158.7 74.6 114.6#

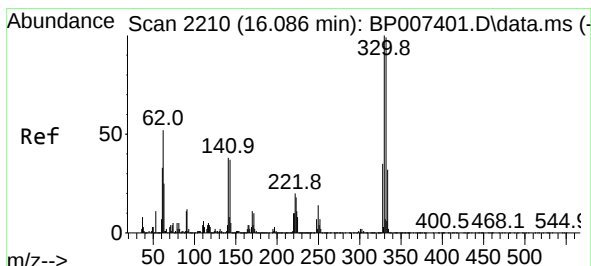
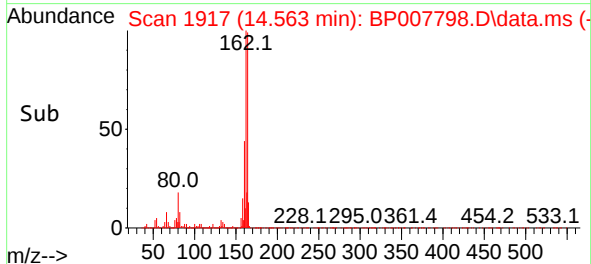
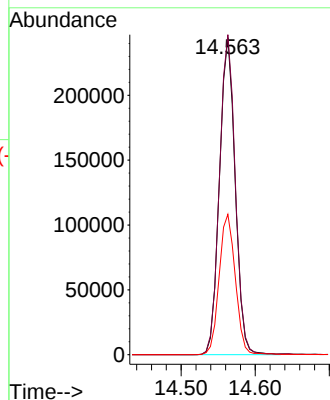
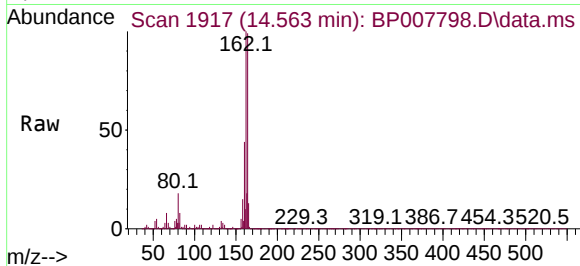




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

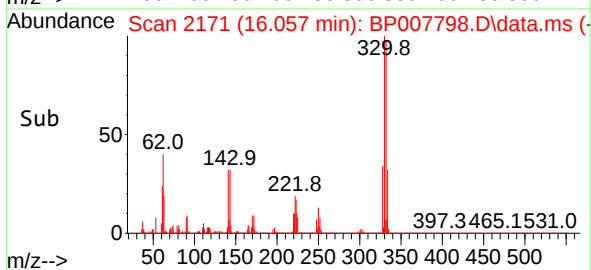
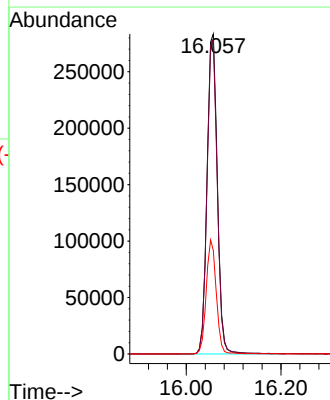
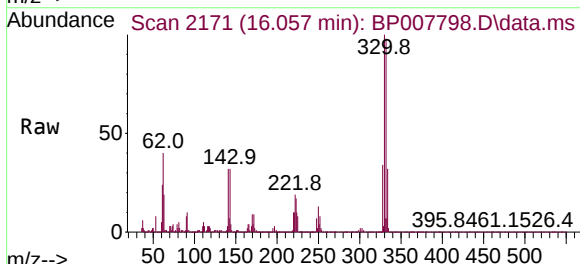
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ClientSampleId :
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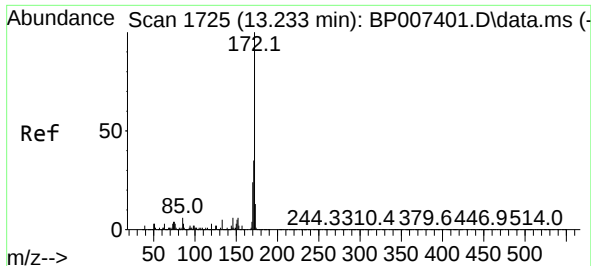
Tgt Ion:164 Resp: 359887
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 44.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 114.757 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:330 Resp: 428682
Ion Ratio Lower Upper
330 100
332 97.4 78.9 118.3
141 34.8 30.7 46.1

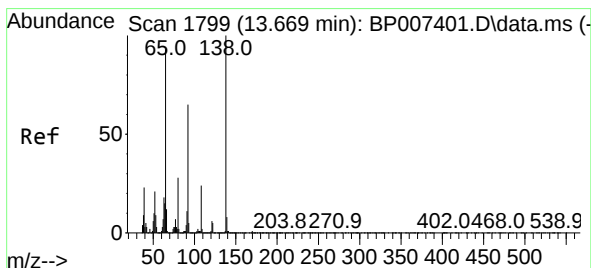
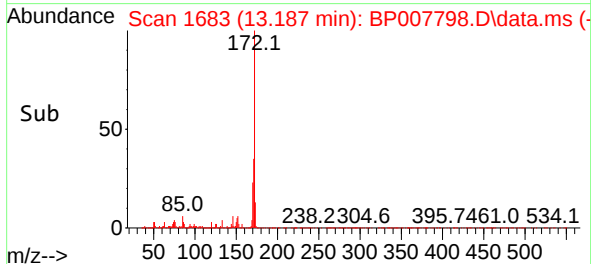
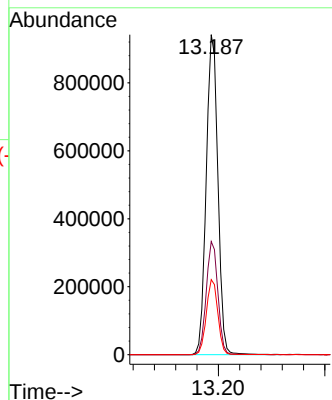
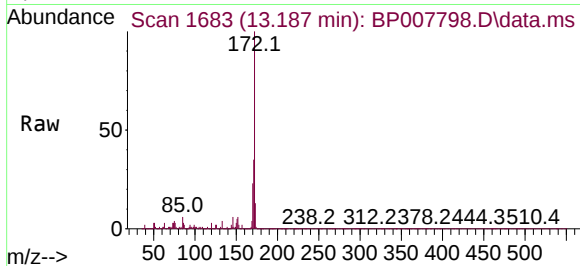




#45
2-Fluorobiphenyl
Concen: 60.697 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

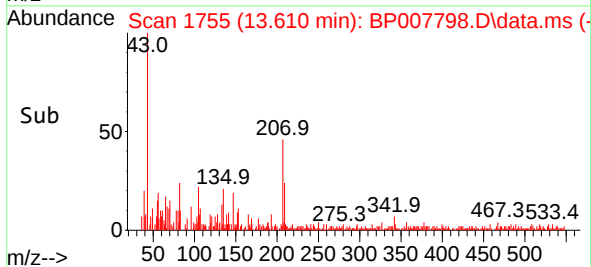
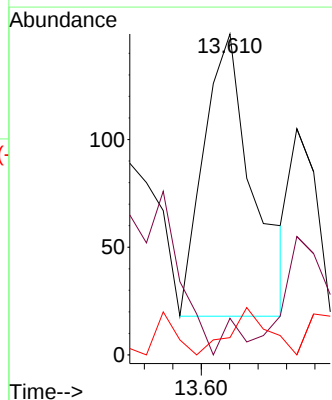
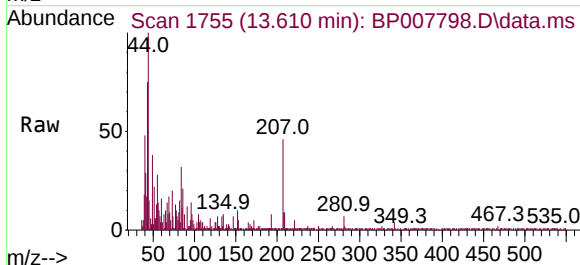
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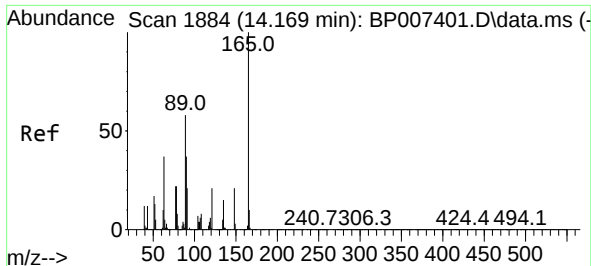
Tgt Ion:172 Resp: 1429095
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.4 19.0 28.4



#48
2-Nitroaniline
Concen: 3.928 ng
RT: 13.610 min Scan# 1755
Delta R.T. -0.035 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
92 11.4 55.9 83.9#
138 5.4 86.3 129.5#

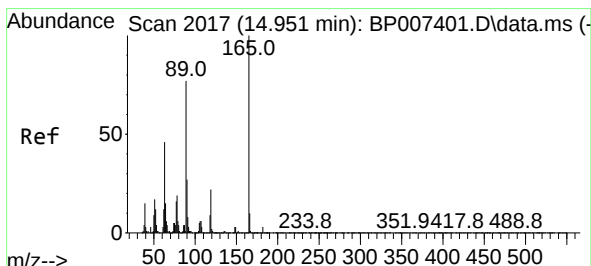
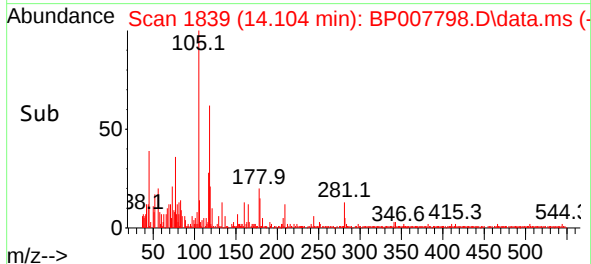
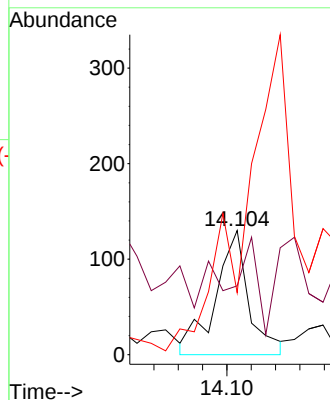
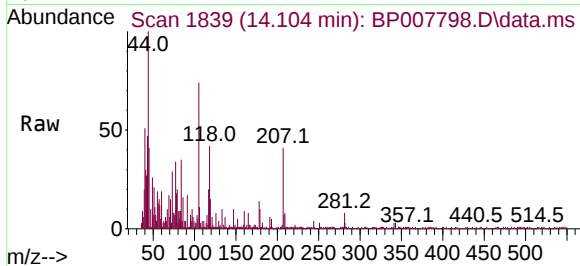




#51
2,6-Dinitrotoluene
Concen: 2.194 ng
RT: 14.104 min Scan# 1839
Delta R.T. -0.041 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

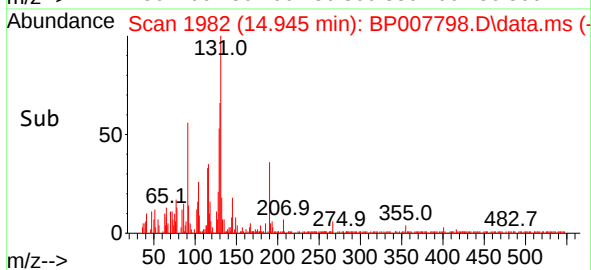
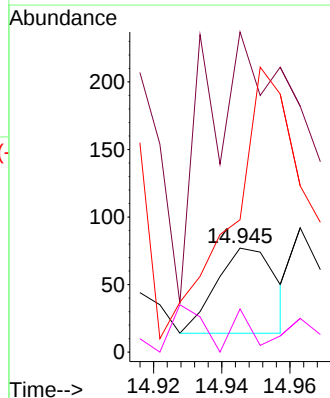
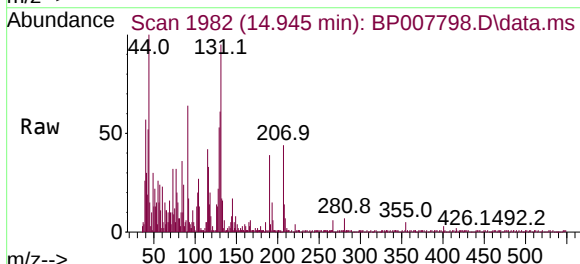
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

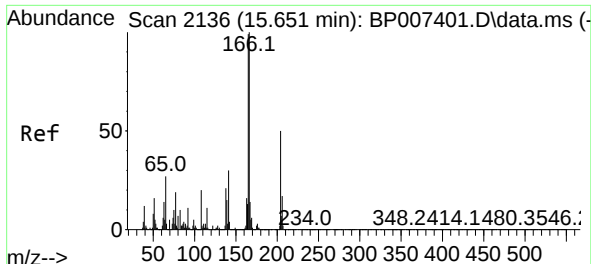
Tgt Ion:165 Resp: 124
Ion Ratio Lower Upper
165 100
63 55.4 44.2 66.2
89 66.9 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.517 ng
RT: 14.945 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:165 Resp: 77
Ion Ratio Lower Upper
165 100
63 307.8 37.4 56.0#
89 127.3 61.8 92.6#
182 41.6 2.1 3.1#

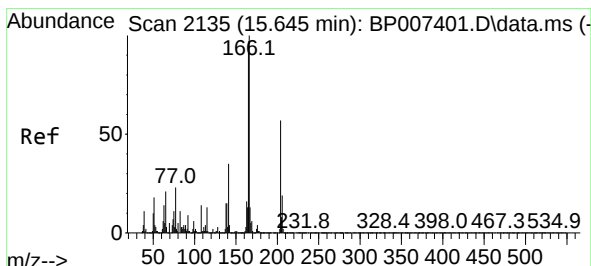
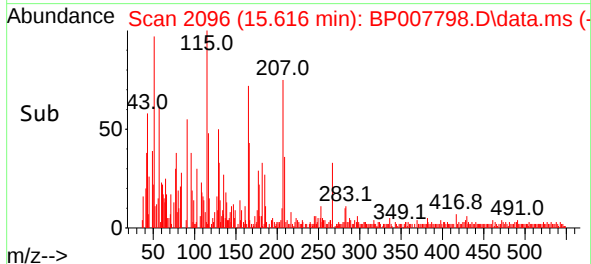
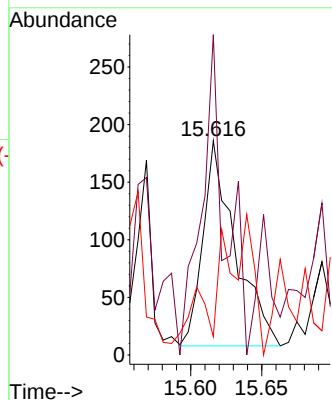
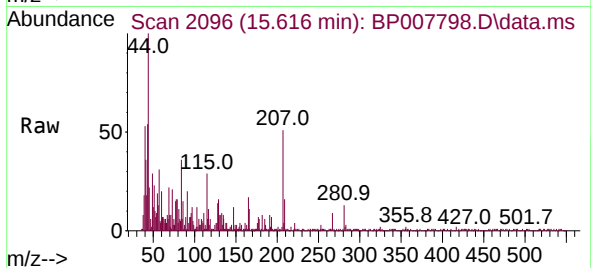




#58
Fluorene
Concen: Below Cal
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

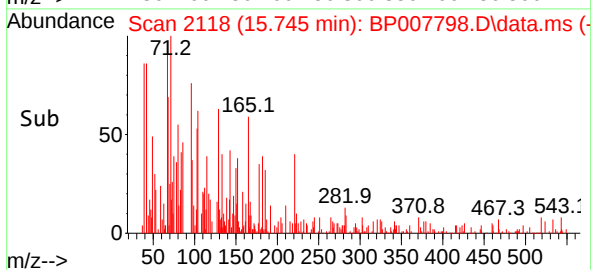
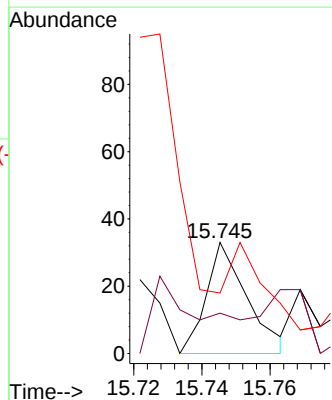
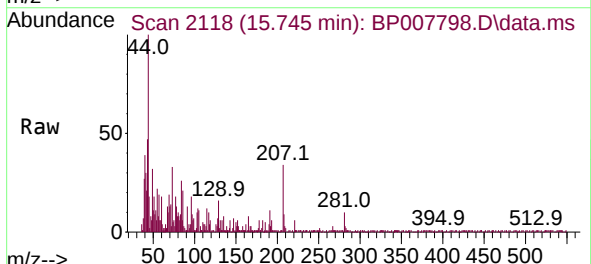
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

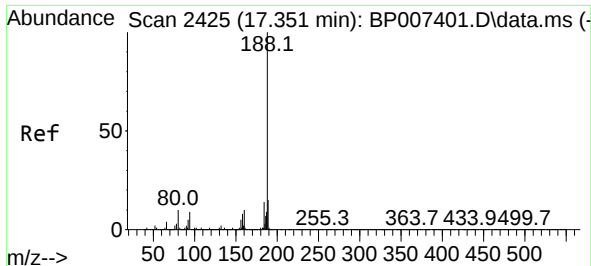
Tgt Ion:166 Resp: 281
Ion Ratio Lower Upper
166 100
165 137.6 78.9 118.3#
167 7.9 10.9 16.3#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.745 min Scan# 2118
Delta R.T. 0.129 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:204 Resp: 28
Ion Ratio Lower Upper
204 100
206 36.4 25.8 38.8
141 54.5 48.8 73.2

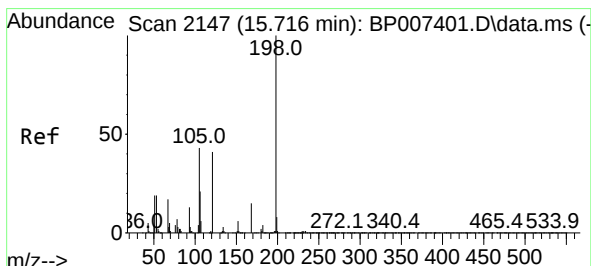
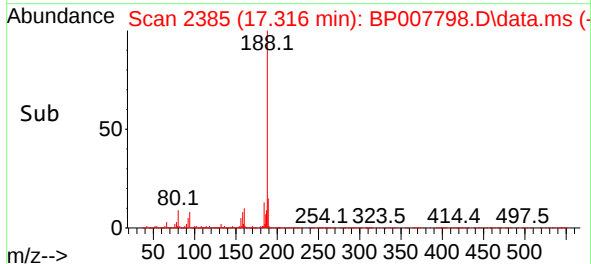
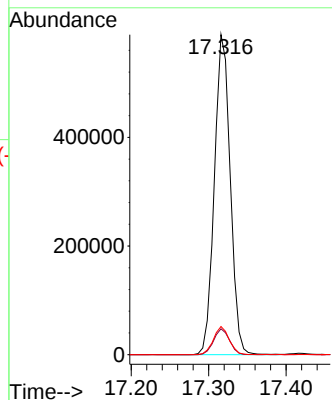
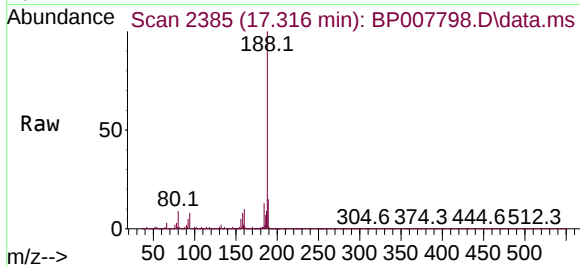




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

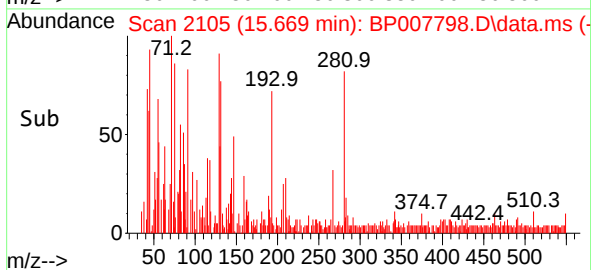
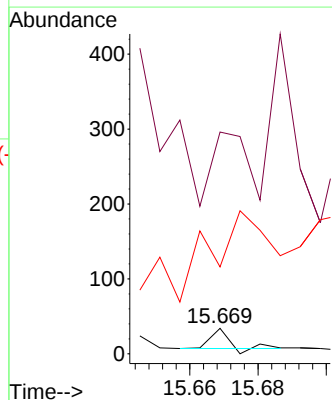
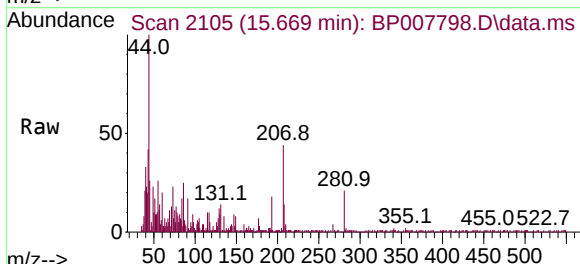
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

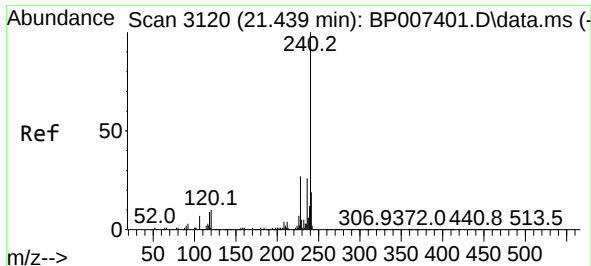
Tgt Ion:188 Resp: 837491
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.8 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 15.669 min Scan# 2105
Delta R.T. -0.035 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 870.6 23.8 63.8#
105 423.5 24.6 64.6#

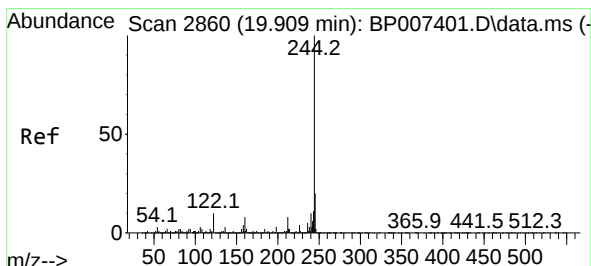
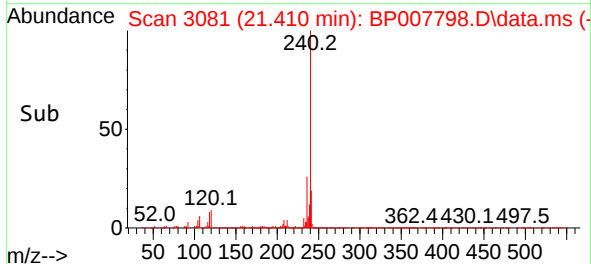
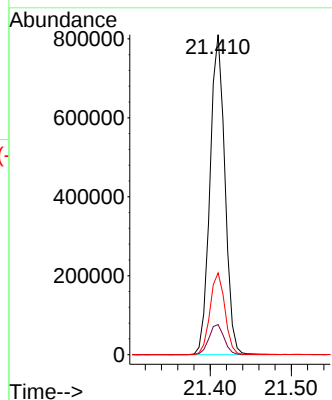
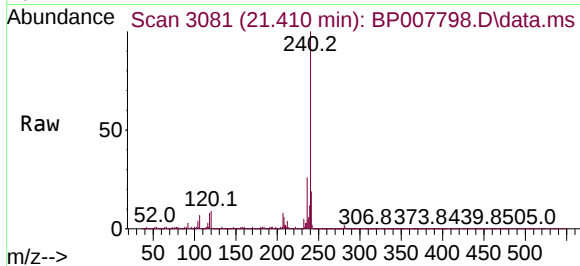




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

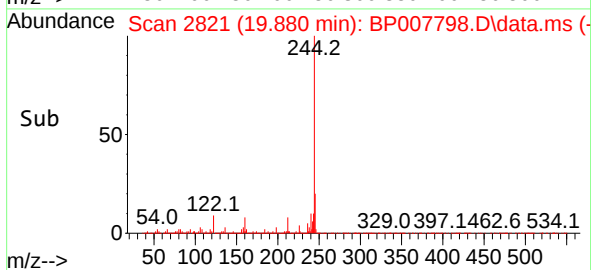
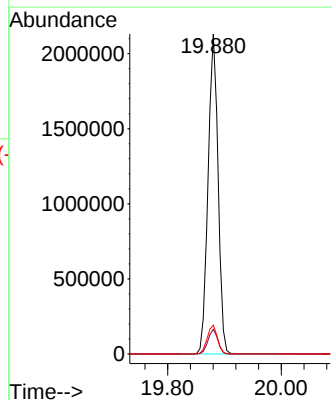
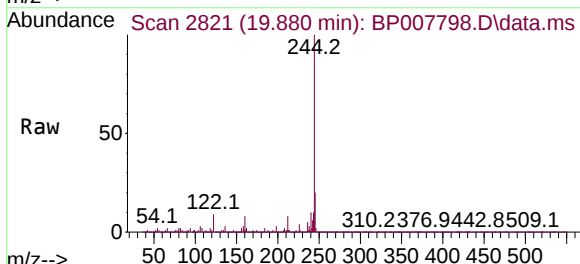
Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

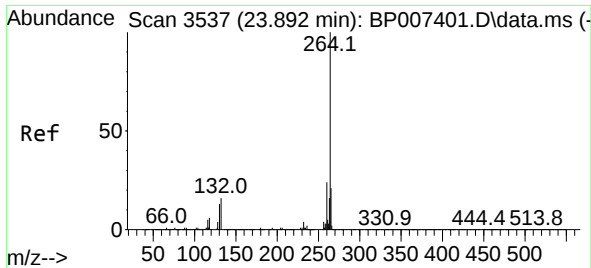
Tgt Ion:240 Resp: 1031304
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.8
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 50.850 ng
RT: 19.880 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007798.D
Acq: 01 Nov 2021 18:57

Tgt Ion:244 Resp: 2589221
Ion Ratio Lower Upper
244 100
212 7.7 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: BP007798.D
Acq: 01 Nov 2021 18:57

Instrument :
BNA_P
ClientSampleId :
T3-EP02-NE

Tgt Ion:264 Resp: 1123014

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.2	16.7	25.1

