

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007799.D
 Acq On : 01 Nov 2021 19:31
 Operator : CG/JU
 Sample : M4424-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP01-NW

Quant Time: Nov 02 01:50:55 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)

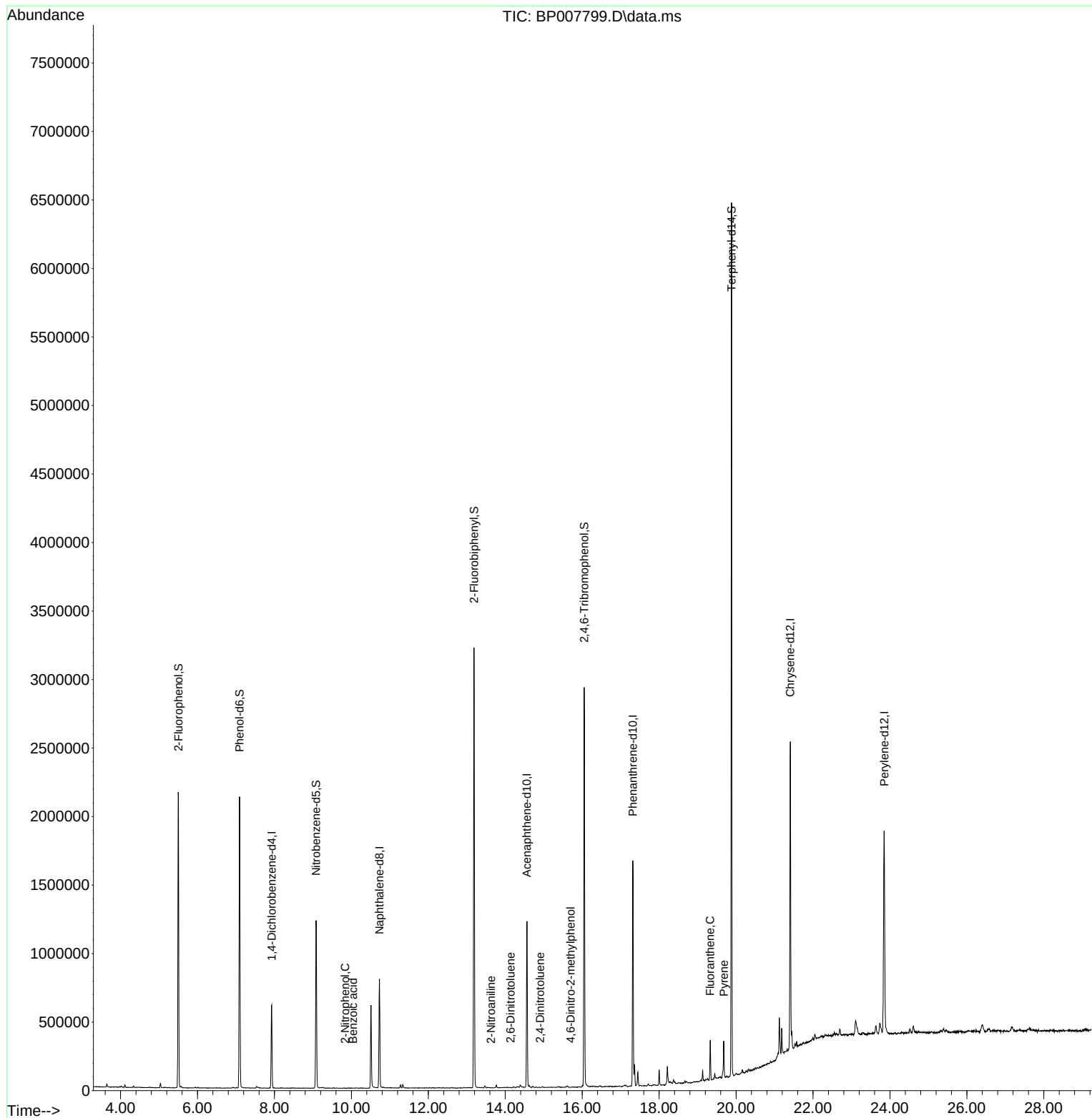
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	170487	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	655963	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	435075	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	989808	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1128769	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1202734	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	949789	92.337	ng	0.00
7) Phenol-d6	7.093	99	1193631	86.131	ng	0.00
23) Nitrobenzene-d5	9.081	82	703063	66.145	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	538344	119.208	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	1667673	58.589	ng	-0.01
79) Terphenyl-d14	19.881	244	2839696	50.954	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.093	77	2542	Below Cal	Qvalue #	23
26) 2-Nitrophenol	9.834	139	6	3.968 ng	#	1
32) Benzoic acid	10.040	122	223	6.527 ng	#	34
48) 2-Nitroaniline	13.628	65	105	3.916 ng	#	21
51) 2,6-Dinitrotoluene	14.140	165	47	2.177 ng	#	1
57) 2,4-Dinitrotoluene	14.904	165	117	3.520 ng	#	48
58) Fluorene	15.616	166	3722	Below Cal		83
61) 4-Chlorophenyl-phenyle...	15.616	204	22	Below Cal	#	1
65) 4,6-Dinitro-2-methylph...	15.698	198	13	5.084 ng	#	1
75) Fluoranthene	19.328	202	169072	2.727 ng		99
78) Pyrene	19.681	202	156974	2.099 ng		99

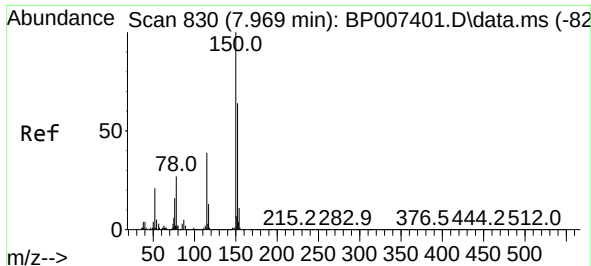
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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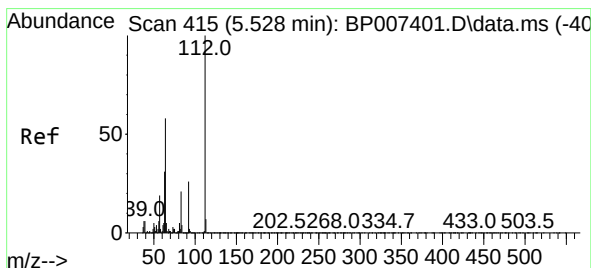
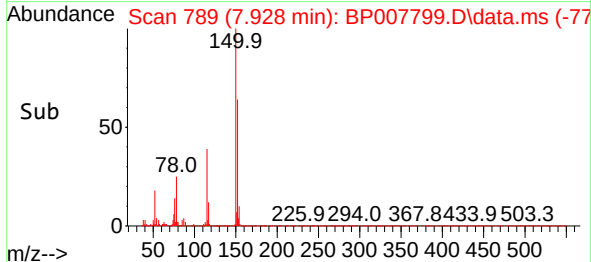
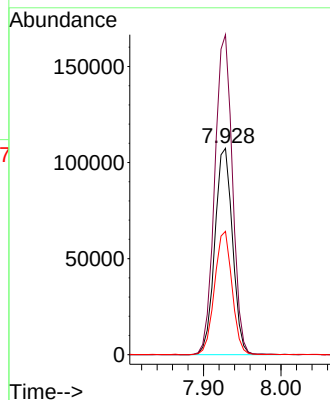
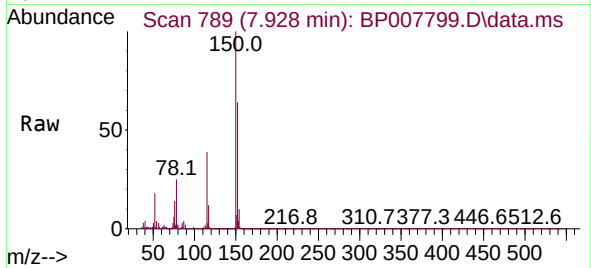




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

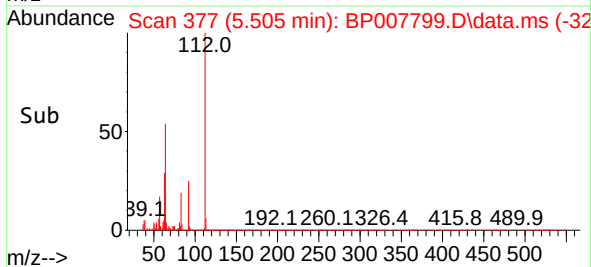
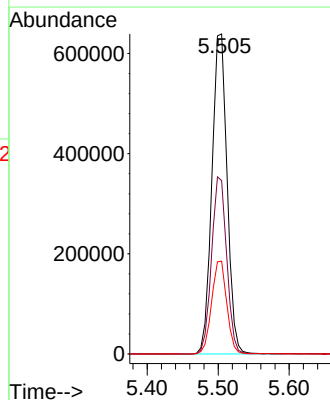
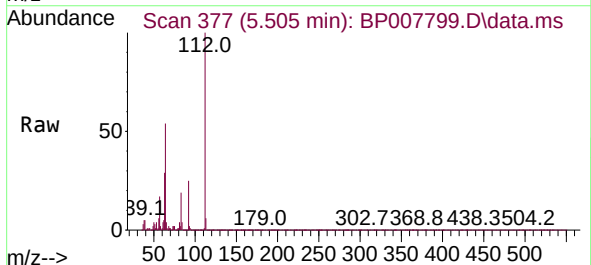
Instrument :
BNA_P
ClientSampleId :
T2-EP01-NW

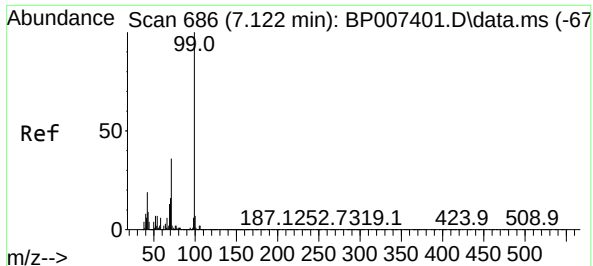
Tgt Ion:152 Resp: 170487
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 59.8 48.1 72.1



#5
2-Fluorophenol
Concen: 92.337 ng
RT: 5.505 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:112 Resp: 949789
Ion Ratio Lower Upper
112 100
64 54.2 46.6 70.0
63 29.0 25.0 37.6





#7

Phenol-d6

Concen: 86.131 ng

RT: 7.093 min Scan# 647

Delta R.T. -0.006 min

Lab File: BP007799.D

Acq: 01 Nov 2021 19:31

Instrument :

BNA_P

ClientSampleId :

T2-EP01-NW

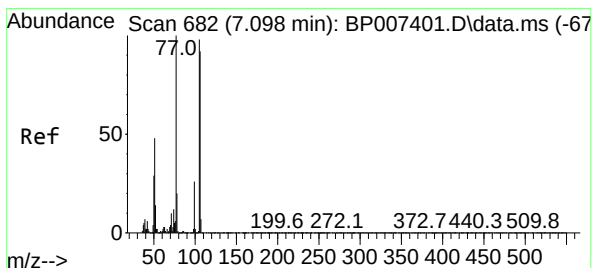
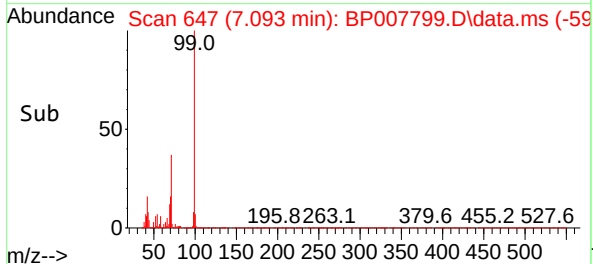
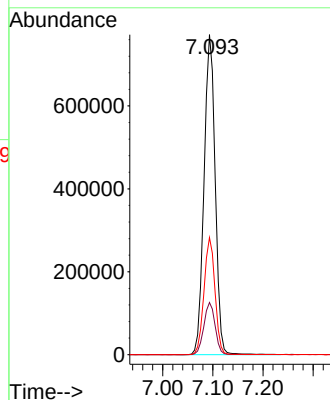
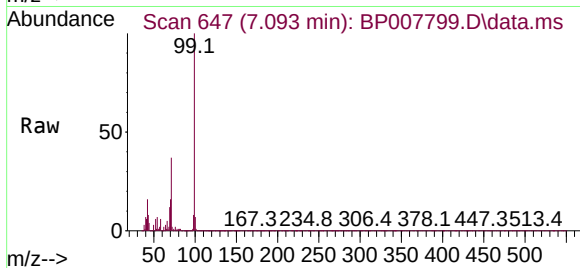
Tgt Ion: 99 Resp: 1193631

Ion Ratio Lower Upper

99 100

42 16.3 14.9 22.3

71 36.6 29.2 43.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.093 min Scan# 647

Delta R.T. 0.029 min

Lab File: BP007799.D

Acq: 01 Nov 2021 19:31

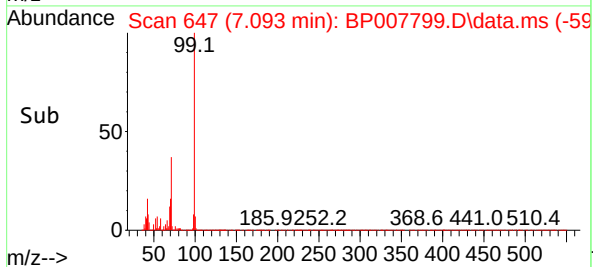
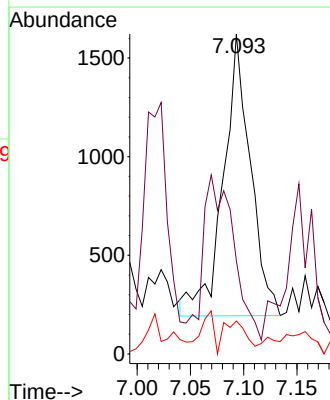
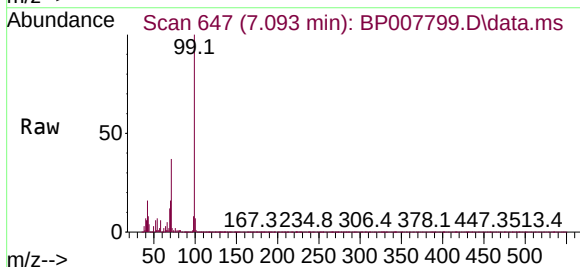
Tgt Ion: 77 Resp: 2542

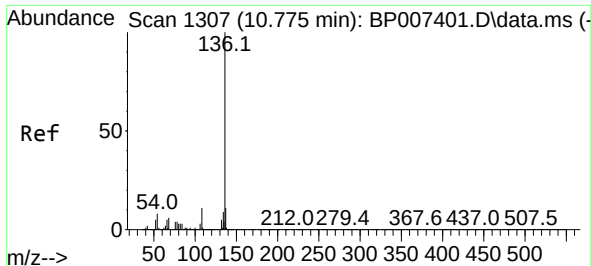
Ion Ratio Lower Upper

77 100

105 29.2 77.5 117.5#

106 10.3 72.1 112.1#

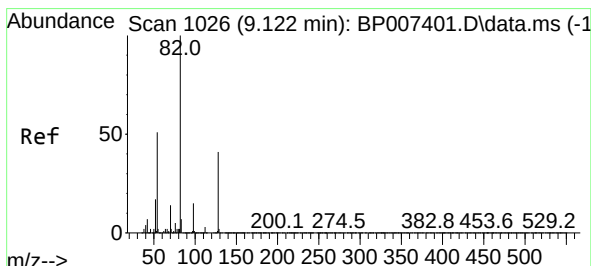
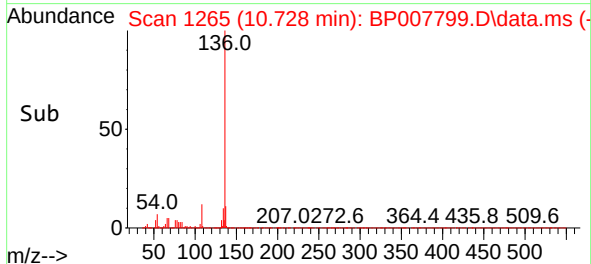
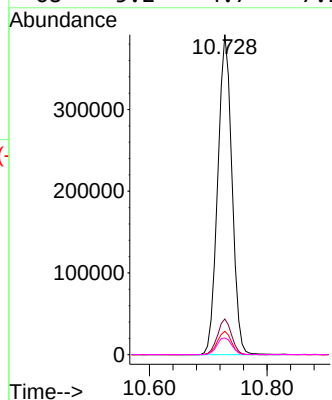
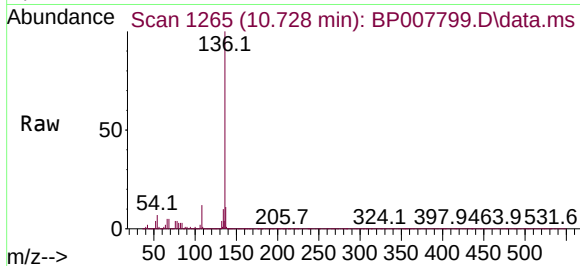




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

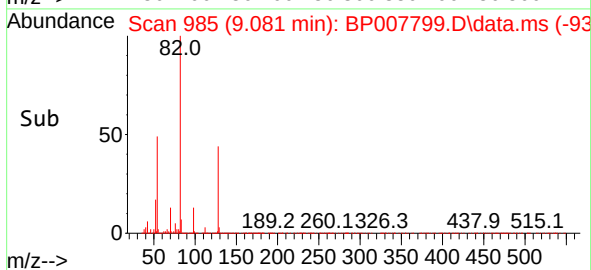
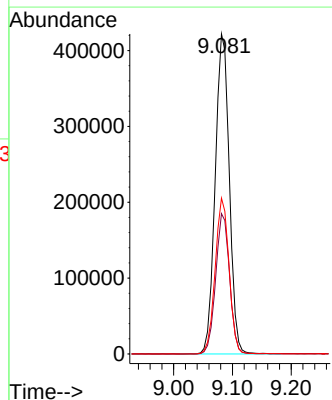
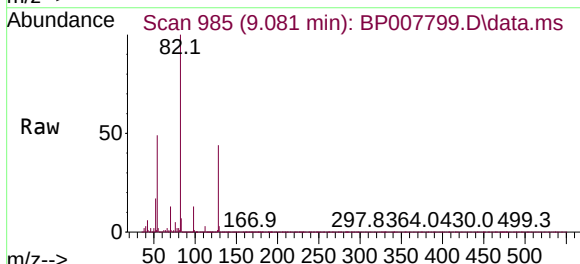
Instrument :
BNA_P
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T2-EP01-NW

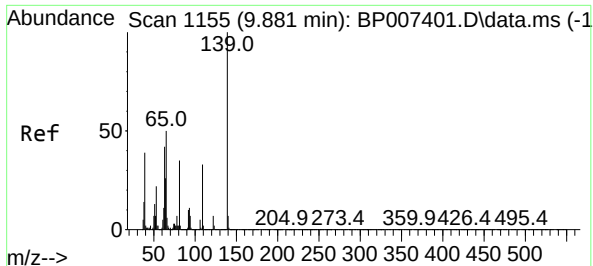
Tgt Ion:	136	Resp:	655963
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.3	6.2	9.4
68	5.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 66.145 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:	82	Resp:	703063
Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.6	48.8
54	48.7	40.4	60.6

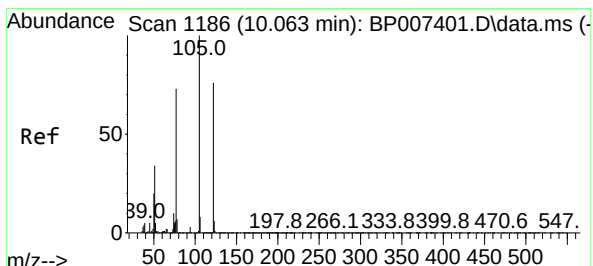
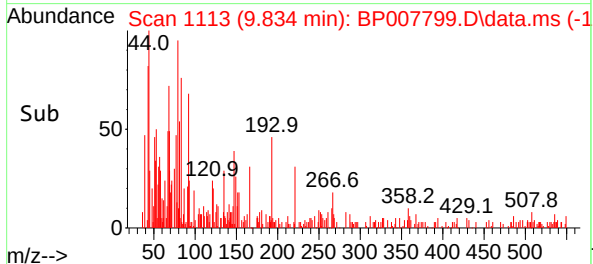
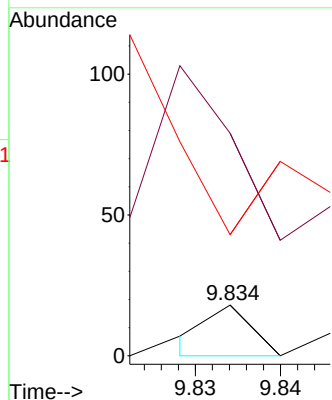
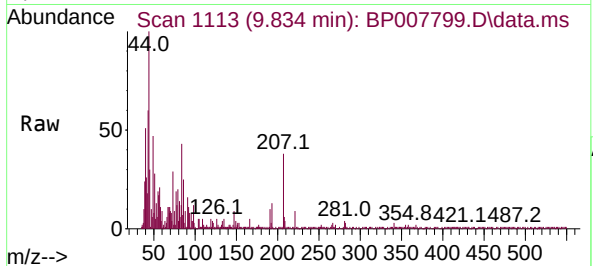




#26
2-Nitrophenol
Concen: 3.968 ng
RT: 9.834 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

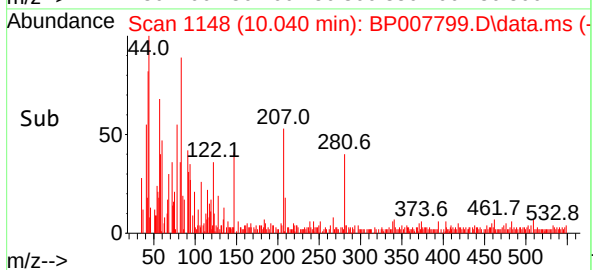
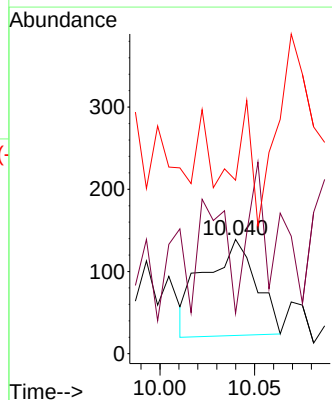
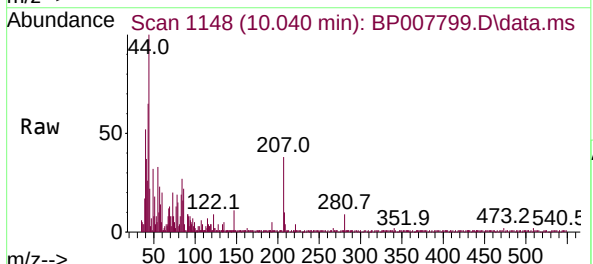
Instrument :
BNA_P
ClientSampleId :
T2-EP01-NW

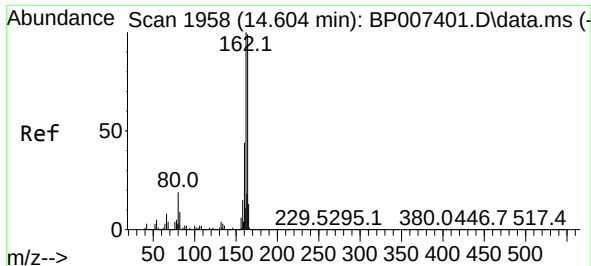
Tgt Ion:	139	Resp:	6
Ion	Ratio	Lower	Upper
139	100		
109	438.9	26.2	39.2#
65	238.9	40.3	60.5#



#32
Benzoic acid
Concen: 6.527 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.018 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:	122	Resp:	223
Ion	Ratio	Lower	Upper
122	100		
105	43.9	105.9	145.9#
77	151.8	74.6	114.6#

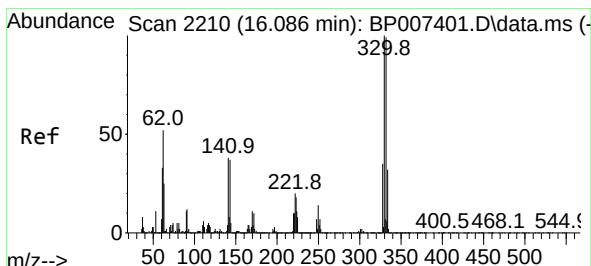
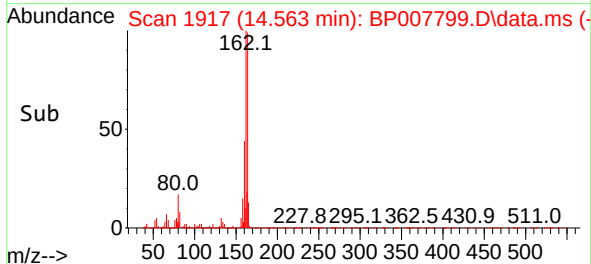
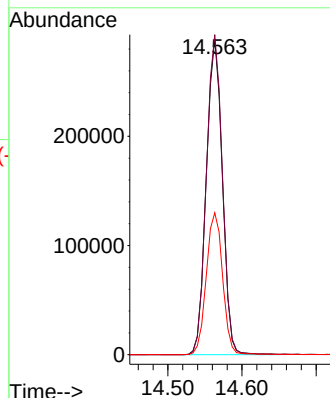
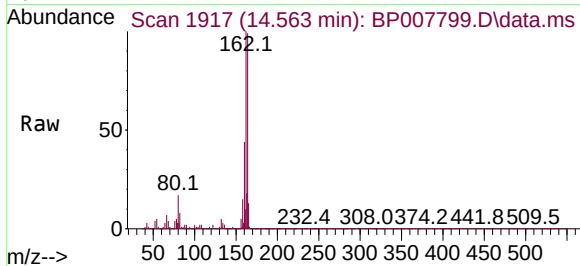




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

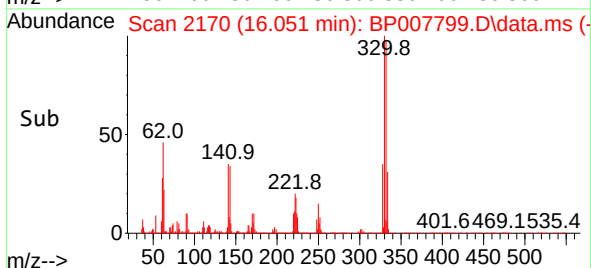
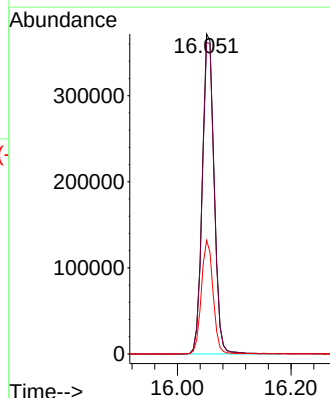
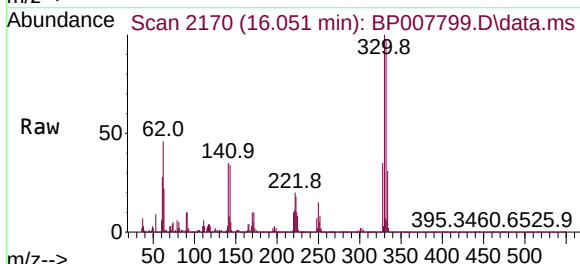
Instrument :
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ClientSampleId :
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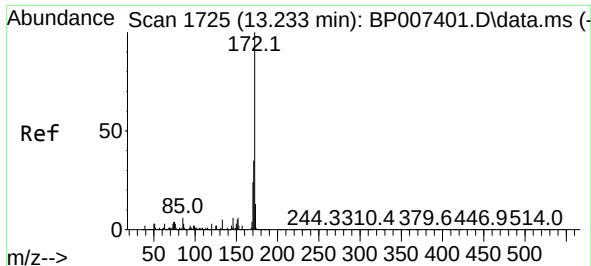
Tgt Ion:164 Resp: 435075
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 44.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 119.208 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:330 Resp: 538344
Ion Ratio Lower Upper
330 100
332 97.6 78.9 118.3
141 35.1 30.7 46.1

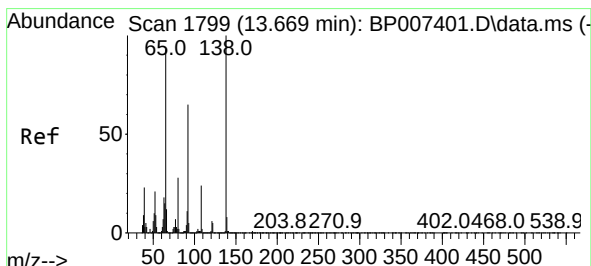
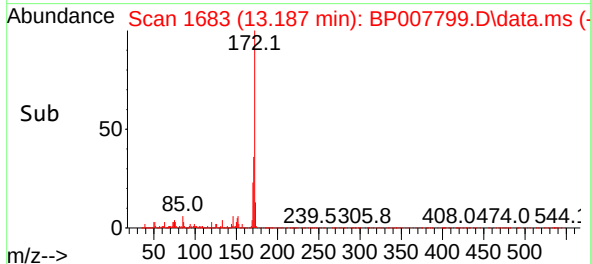
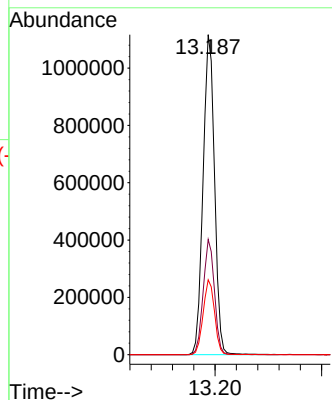
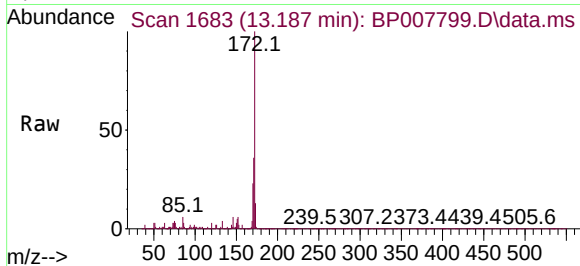




#45
2-Fluorobiphenyl
Concen: 58.589 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

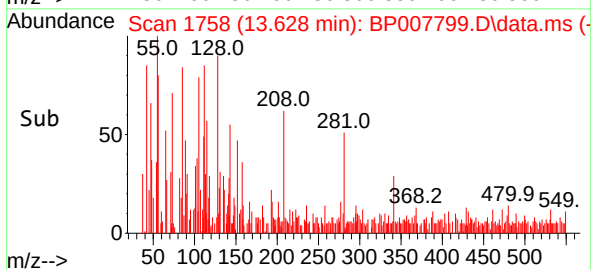
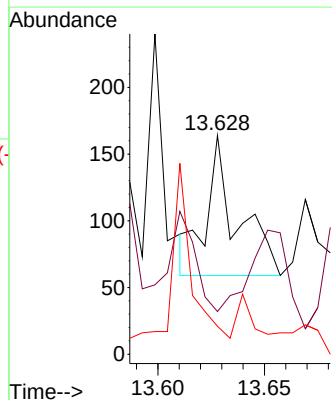
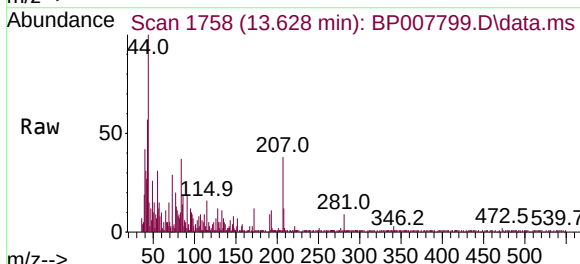
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T2-EP01-NW

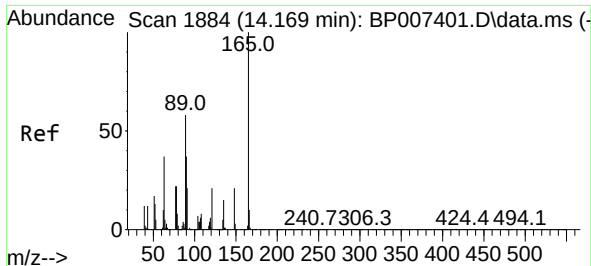
Tgt Ion:172 Resp: 1667673
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.4 19.0 28.4



#48
2-Nitroaniline
Concen: 3.916 ng
RT: 13.628 min Scan# 1758
Delta R.T. -0.018 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion: 65 Resp: 105
Ion Ratio Lower Upper
65 100
92 19.5 55.9 83.9#
138 12.8 86.3 129.5#

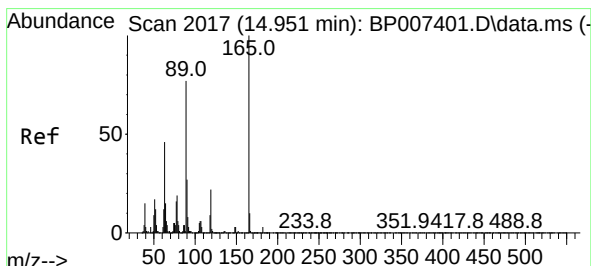
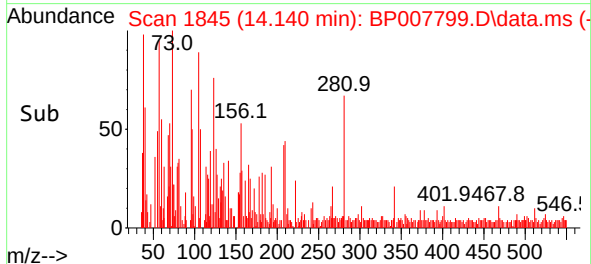
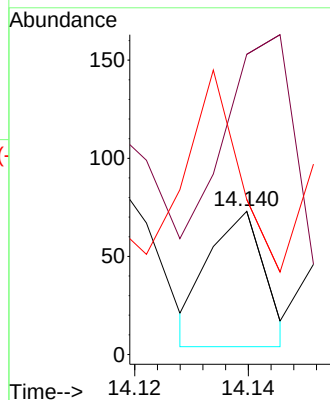
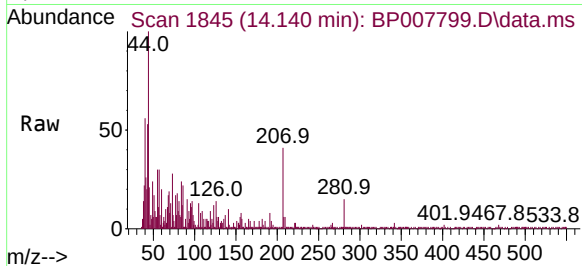




#51
2,6-Dinitrotoluene
Concen: 2.177 ng
RT: 14.140 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

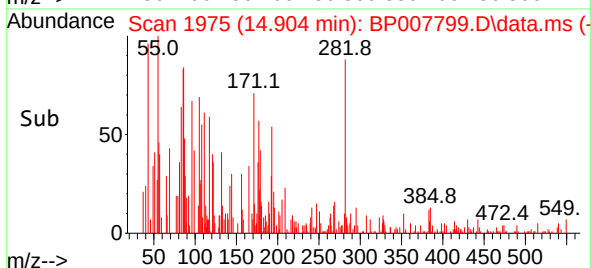
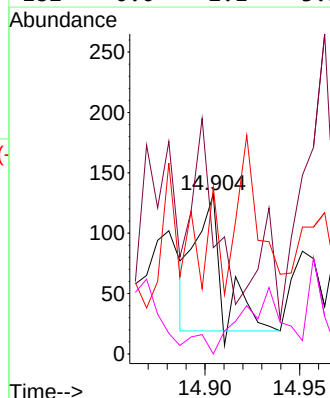
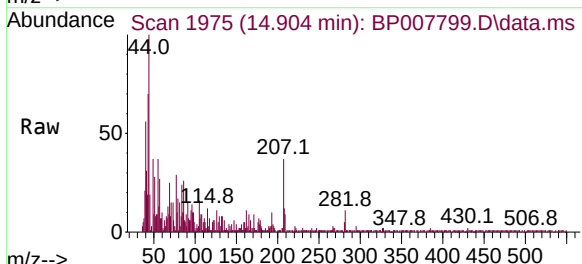
Instrument :
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T2-EP01-NW

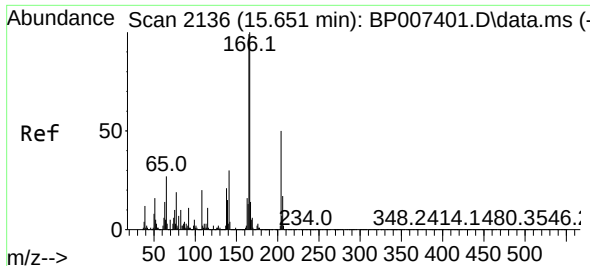
Tgt Ion:165 Resp: 47
Ion Ratio Lower Upper
165 100
63 209.6 44.2 66.2#
89 108.2 46.6 70.0#



#57
2,4-Dinitrotoluene
Concen: 3.520 ng
RT: 14.904 min Scan# 1975
Delta R.T. -0.029 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:165 Resp: 117
Ion Ratio Lower Upper
165 100
63 66.7 37.4 56.0#
89 134.8 61.8 92.6#
182 0.0 2.1 3.1#

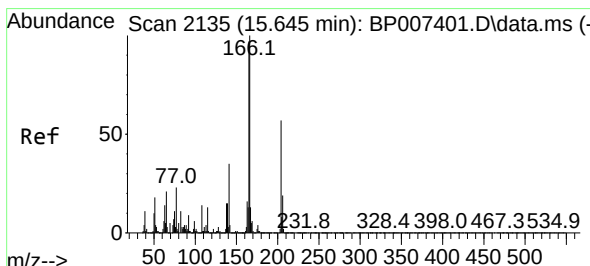
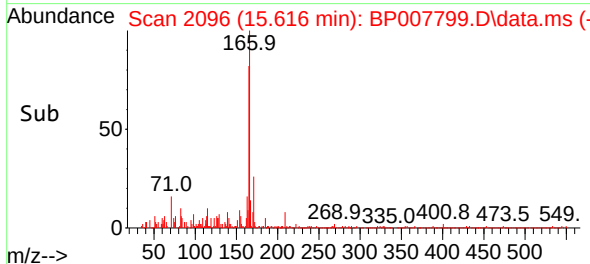
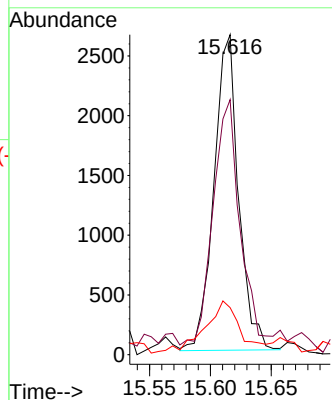
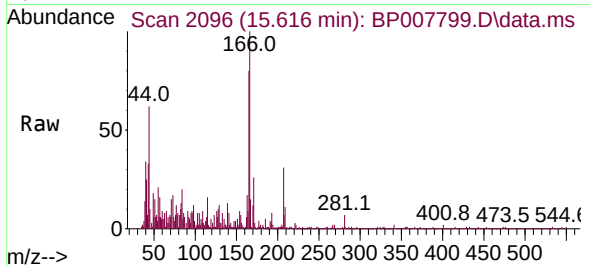




#58
Fluorene
Concen: Below Cal
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

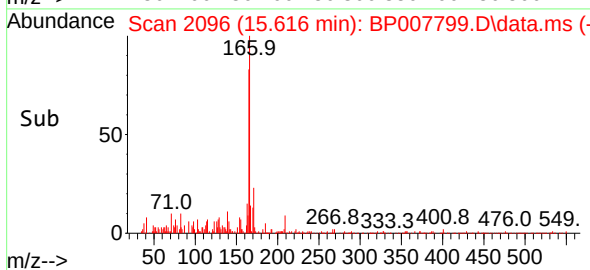
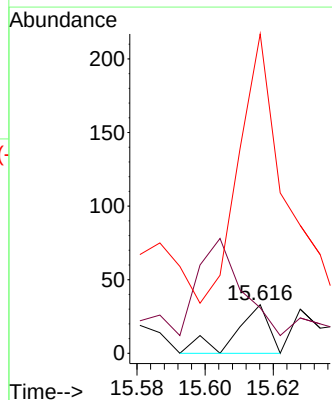
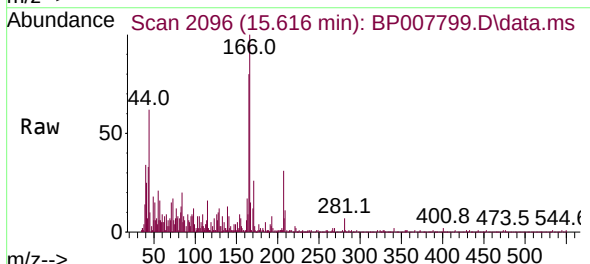
Instrument :
BNA_P
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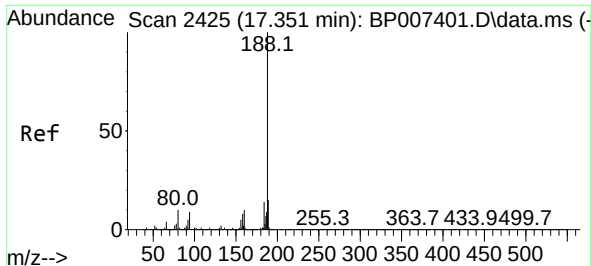
Tgt Ion:166 Resp: 3722
Ion Ratio Lower Upper
166 100
165 79.7 78.9 118.3
167 14.7 10.9 16.3



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.616 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:204 Resp: 22
Ion Ratio Lower Upper
204 100
206 93.9 25.8 38.8#
141 657.6 48.8 73.2#

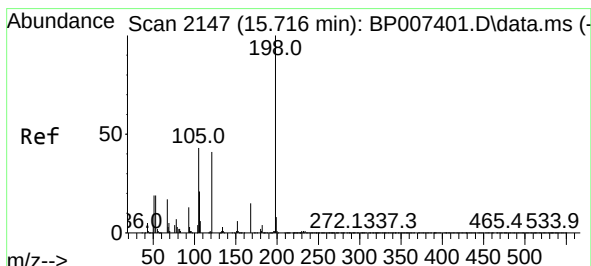
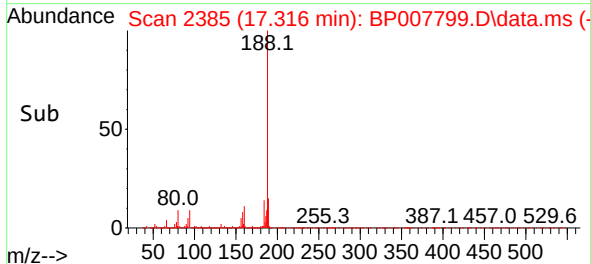
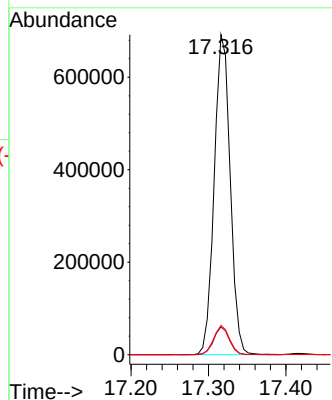
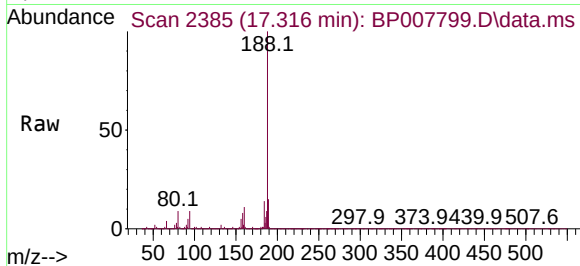




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

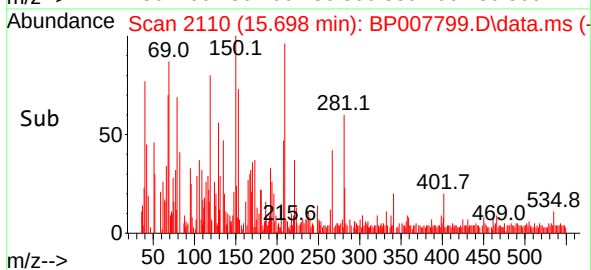
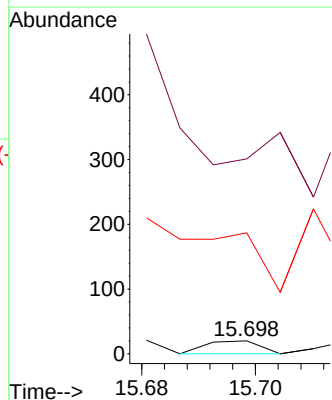
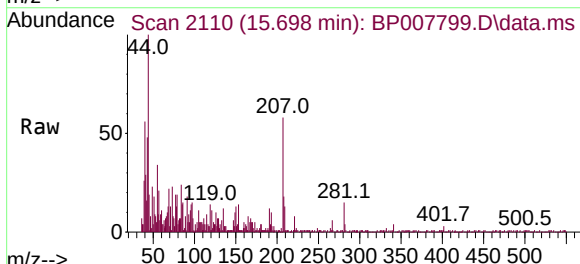
Instrument :
BNA_P
ClientSampleId :
T2-EP01-NW

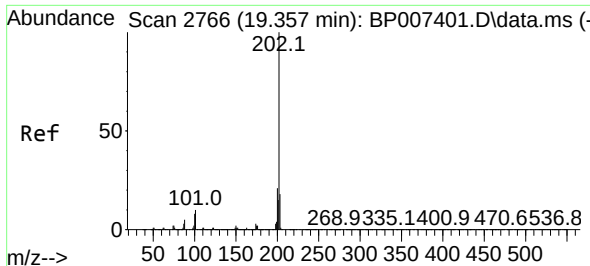
Tgt Ion:188 Resp: 989808
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.2 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1505.0 23.8 63.8#
105 935.0 24.6 64.6#

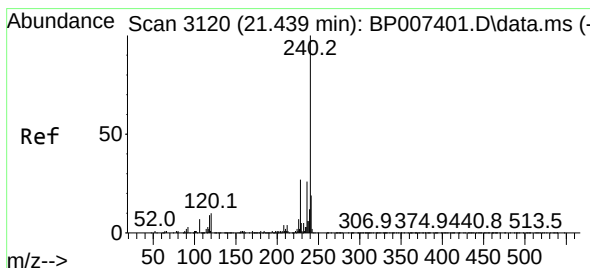
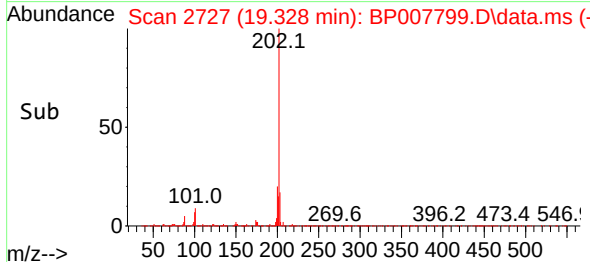
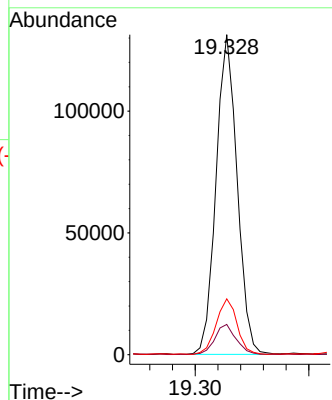
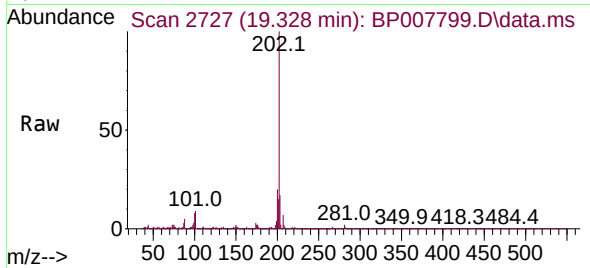




#75
Fluoranthene
Concen: 2.727 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

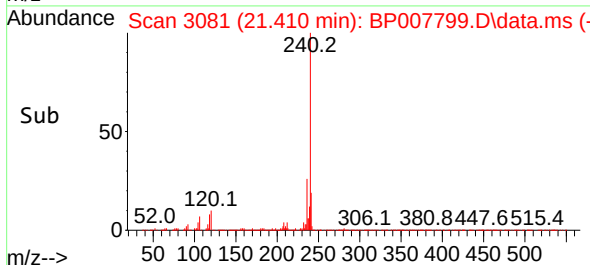
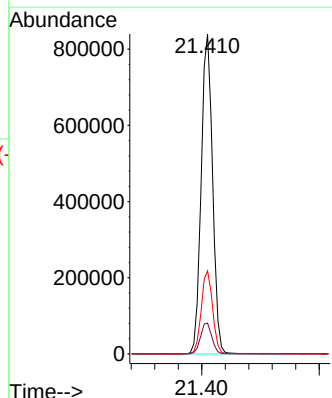
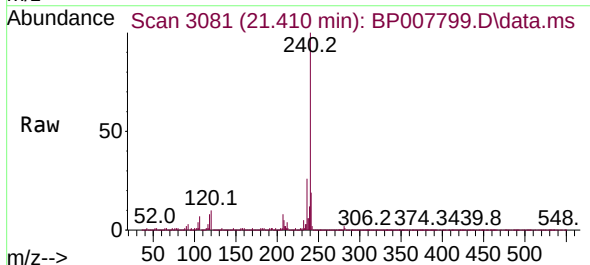
Instrument :
BNA_P
ClientSampleId :
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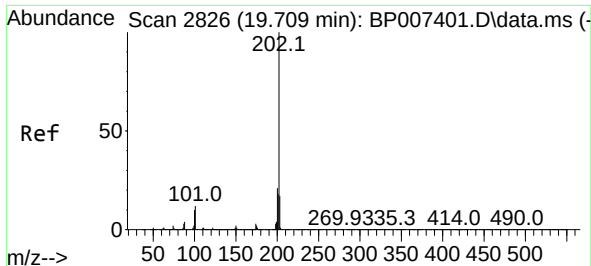
Tgt Ion:202 Resp: 169072
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.4
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:240 Resp: 1128769
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 26.0 20.6 30.8

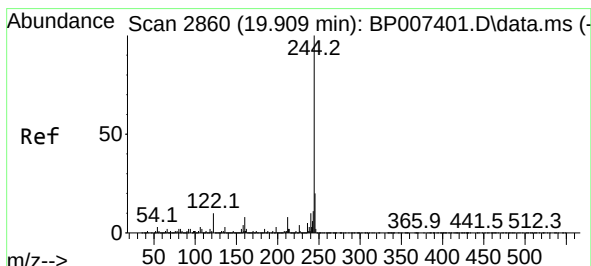
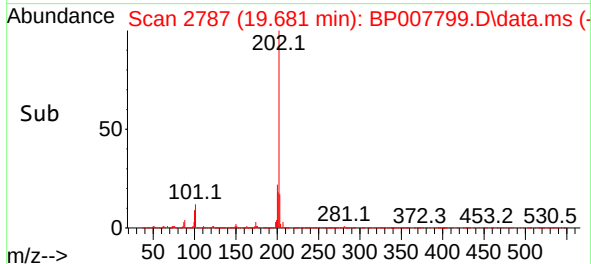
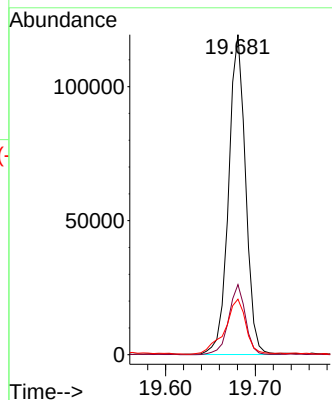
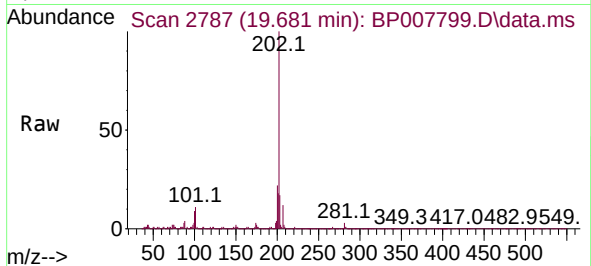




#78
Pyrene
Concen: 2.099 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

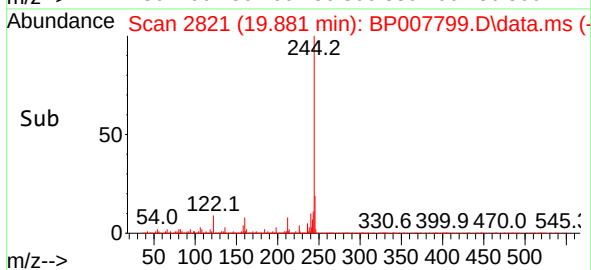
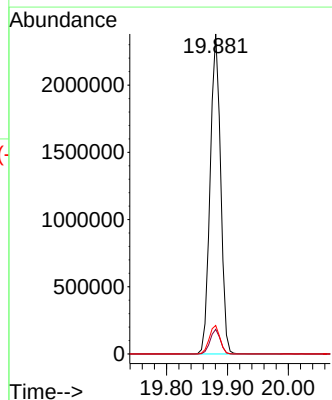
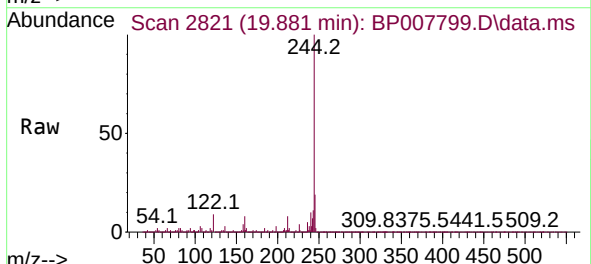
Instrument :
BNA_P
ClientSampleId :
T2-EP01-NW

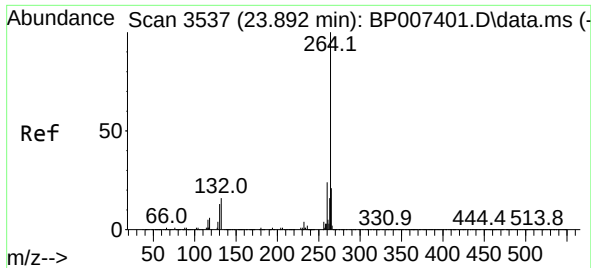
Tgt Ion:202 Resp: 156974
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 17.4 13.8 20.6



#79
Terphenyl-d14
Concen: 50.954 ng
RT: 19.881 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007799.D
Acq: 01 Nov 2021 19:31

Tgt Ion:244 Resp: 2839696
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.9 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: BP007799.D
 Acq: 01 Nov 2021 19:31

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP01-NW

Tgt Ion:264 Resp: 1202734
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.3 16.7 25.1

