

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007801.D
 Acq On : 01 Nov 2021 20:39
 Operator : CG/JU
 Sample : M4424-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-EP04-S

Quant Time: Nov 02 01:51:27 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)

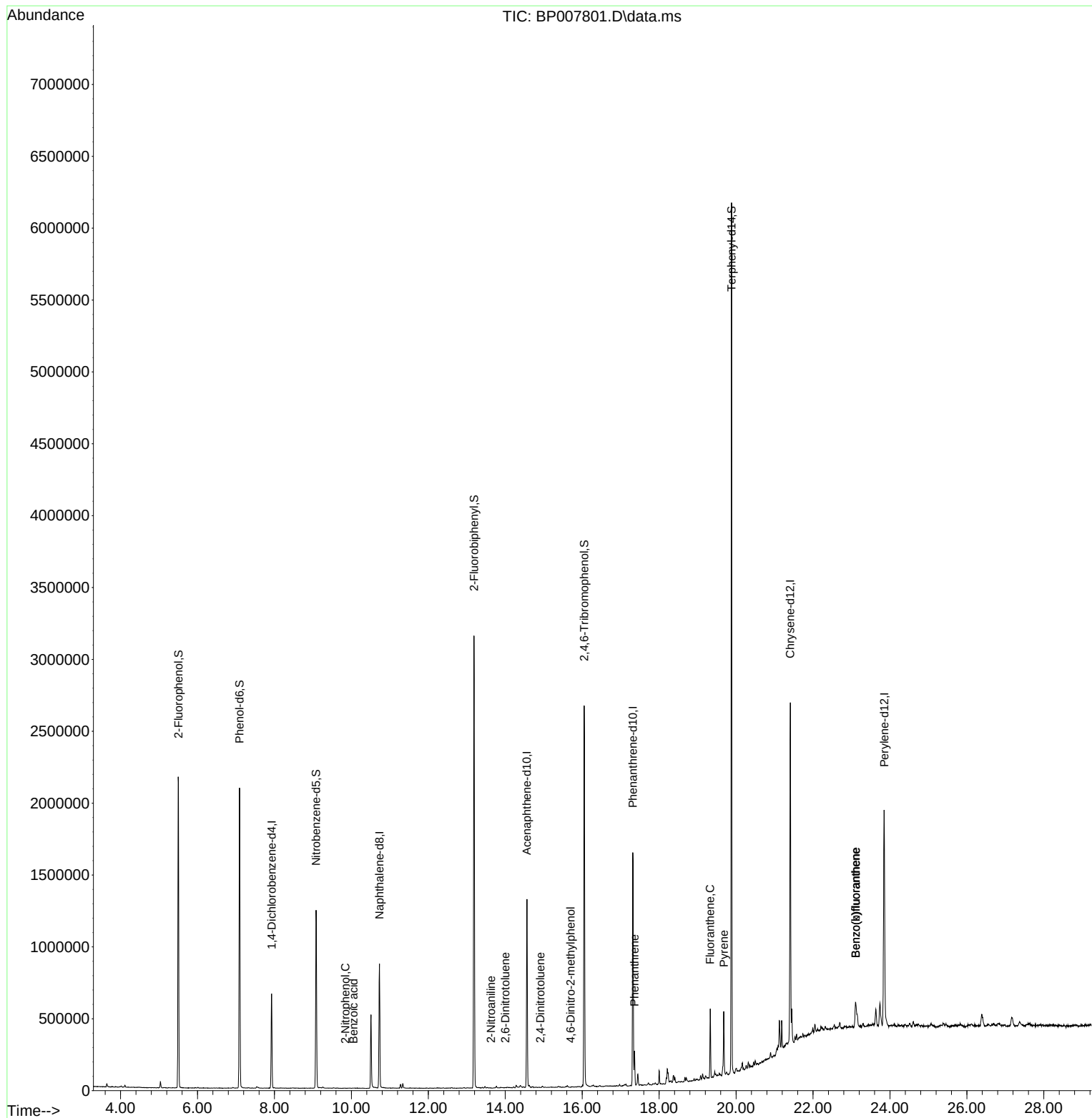
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	183698	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	702529	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	455627	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1006591	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1133911	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1204502	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	952634	85.953	ng	0.00
7) Phenol-d6	7.093	99	1178221	78.904	ng	0.00
23) Nitrobenzene-d5	9.081	82	709410	62.318	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	502902	106.337	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	1643051	55.120	ng	-0.01
79) Terphenyl-d14	19.881	244	2713122	48.462	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.093	77	2645	Below Cal	#	17
26) 2-Nitrophenol	9.846	139	34	3.974 ng	#	1
32) Benzoic acid	10.058	122	44	6.499 ng	#	1
48) 2-Nitroaniline	13.628	65	120	3.917 ng	#	19
51) 2,6-Dinitrotoluene	13.998	165	97	2.185 ng		97
57) 2,4-Dinitrotoluene	14.910	165	46	3.511 ng	#	1
58) Fluorene	15.610	166	5233	Below Cal	#	94
61) 4-Chlorophenyl-phenyle...	15.428	204	22	Below Cal		91
65) 4,6-Dinitro-2-methylph...	15.698	198	25	5.086 ng	#	1
71) Phenanthrene	17.357	178	143444	2.758 ng		98
75) Fluoranthene	19.328	202	274971	4.361 ng		99
78) Pyrene	19.681	202	276514	3.680 ng		99
88) Benzo(b)fluoranthene	23.110	252	164438	2.302 ng		98
89) Benzo(k)fluoranthene	23.110	252	164438	2.351 ng		98

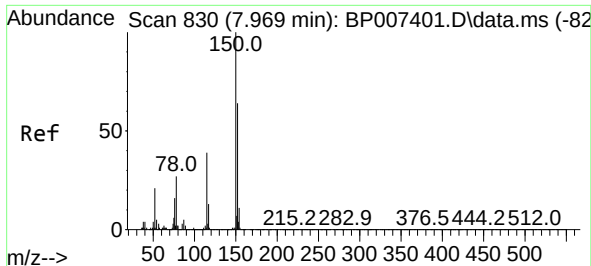
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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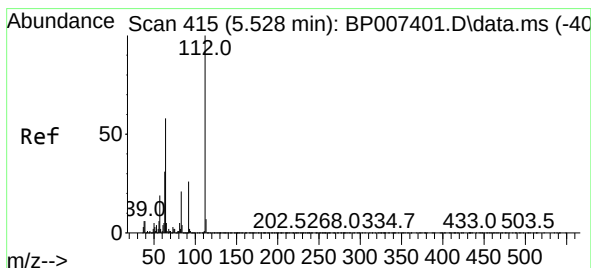
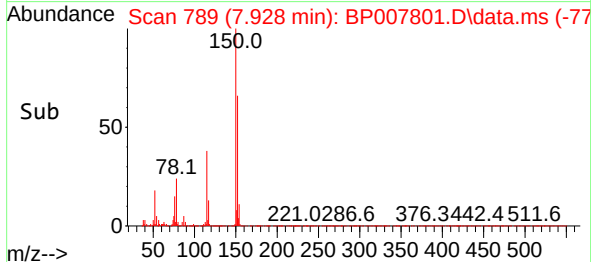
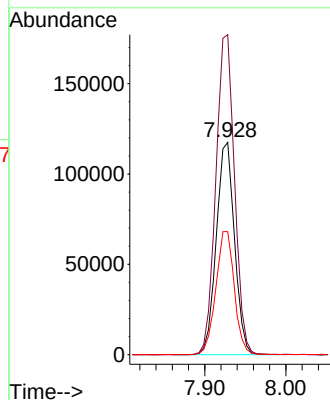
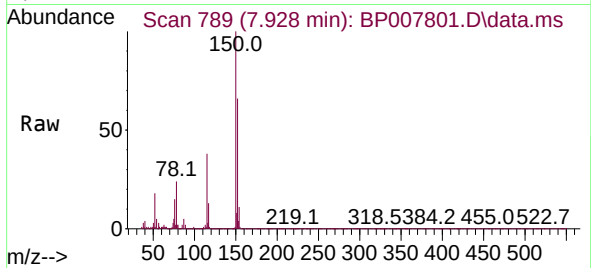




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

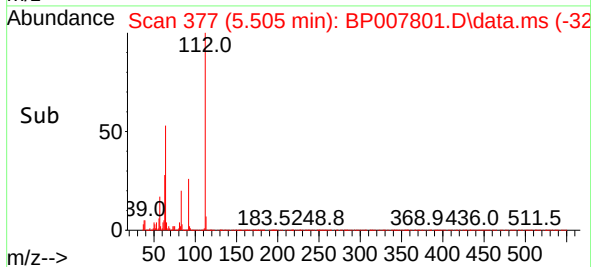
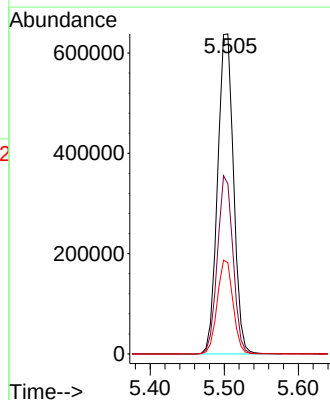
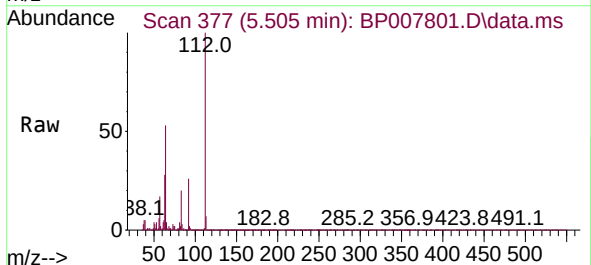
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

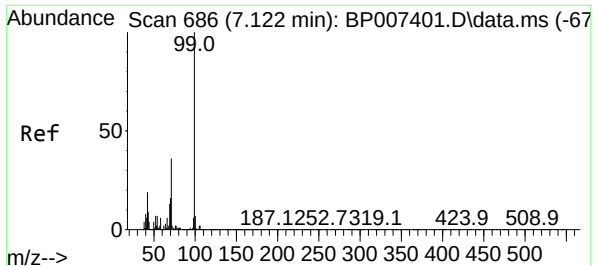
Tgt Ion:152 Resp: 183698
Ion Ratio Lower Upper
152 100
150 150.7 124.1 186.1
115 58.0 48.1 72.1



#5
2-Fluorophenol
Concen: 85.953 ng
RT: 5.505 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:112 Resp: 952634
Ion Ratio Lower Upper
112 100
64 53.2 46.6 70.0
63 28.5 25.0 37.6



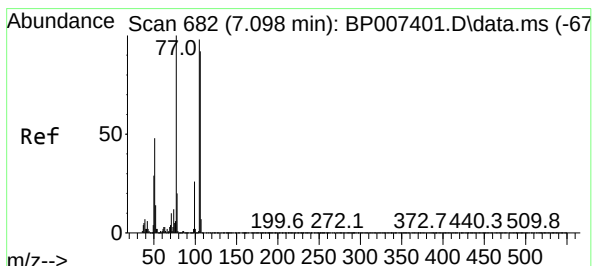
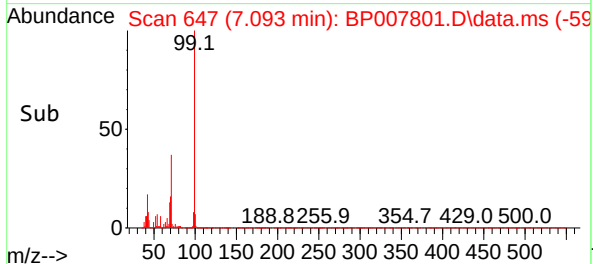
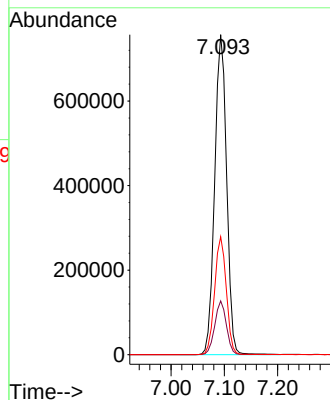
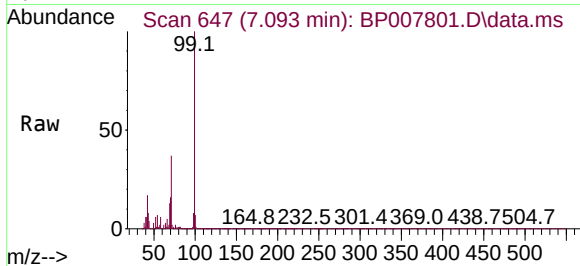


#7
Phenol-d6
Concen: 78.904 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

Tgt Ion: 99 Resp: 1178221

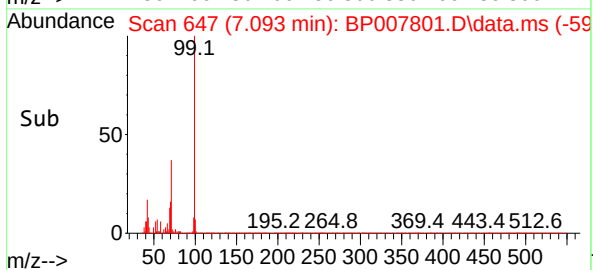
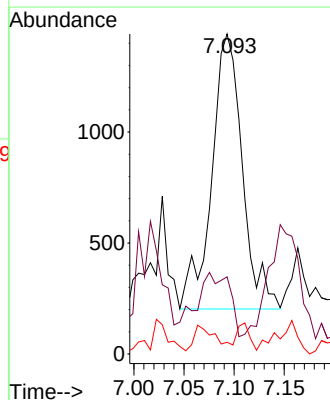
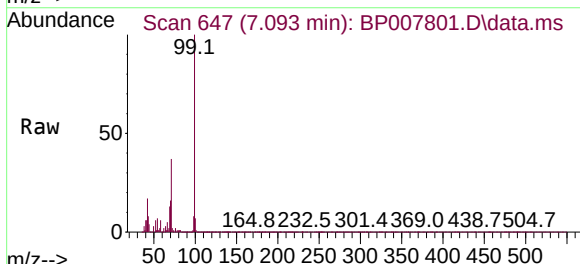
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	36.8	29.2	43.8

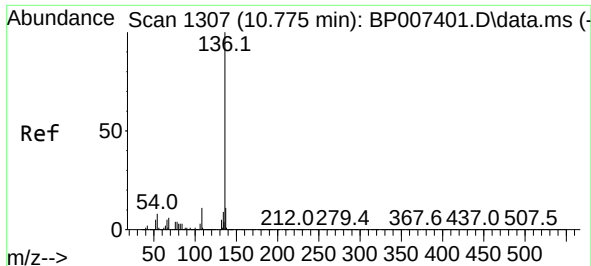


#9
Benzaldehyde
Concen: Below Cal
RT: 7.093 min Scan# 647
Delta R.T. 0.029 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion: 77 Resp: 2645

Ion	Ratio	Lower	Upper
77	100		
105	24.1	77.5	117.5#
106	3.7	72.1	112.1#

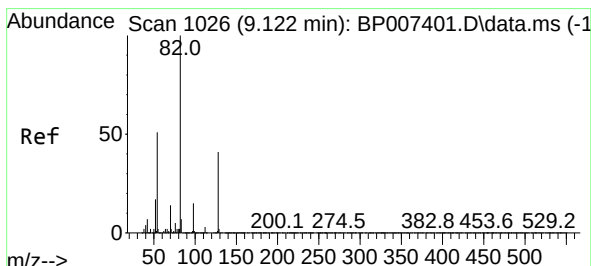
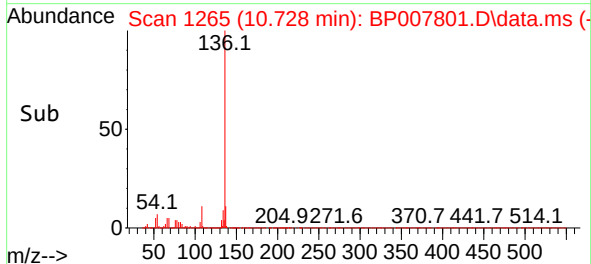
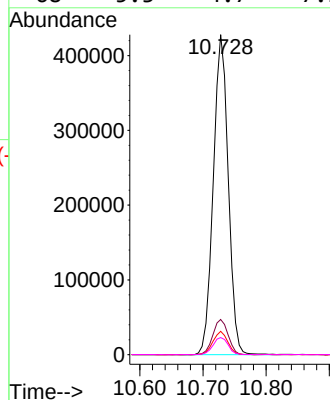
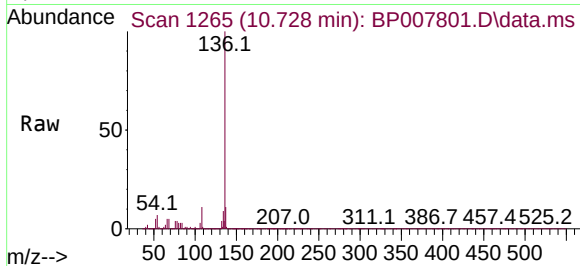




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

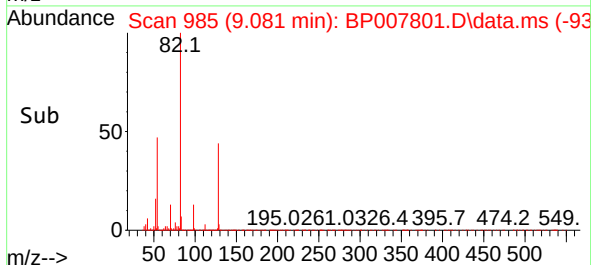
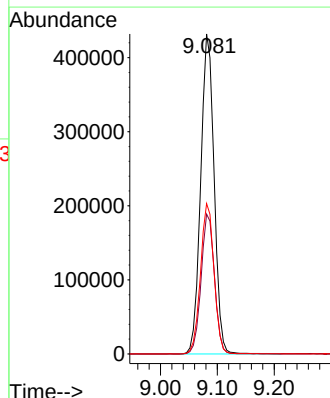
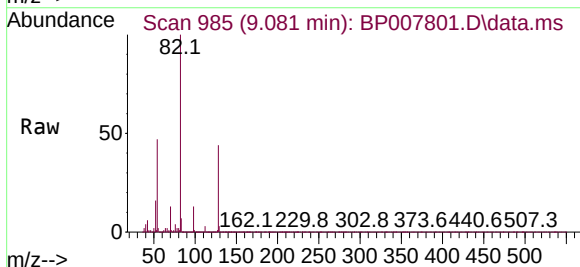
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

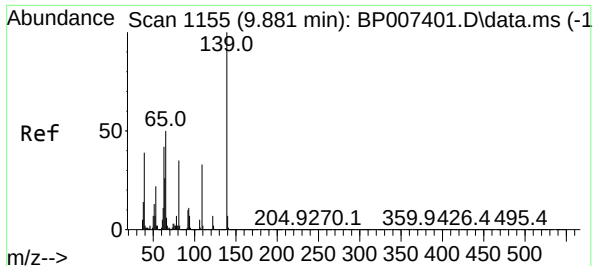
Tgt Ion:	136	Resp:	702529
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.3	6.2	9.4
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 62.318 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:	82	Resp:	709410
Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.6	48.8
54	47.0	40.4	60.6

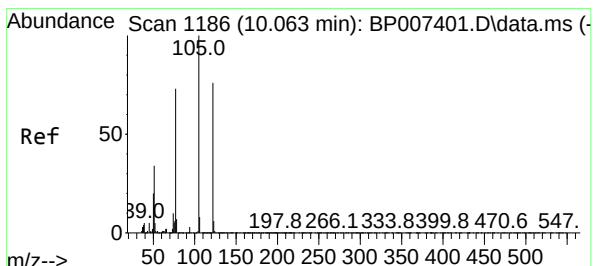
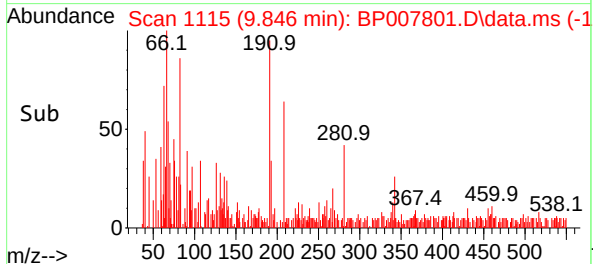
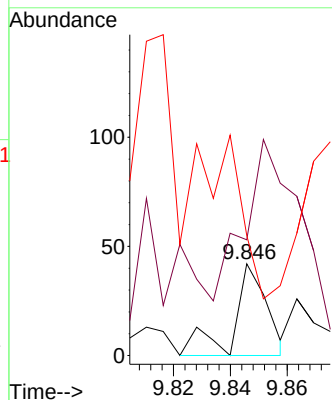
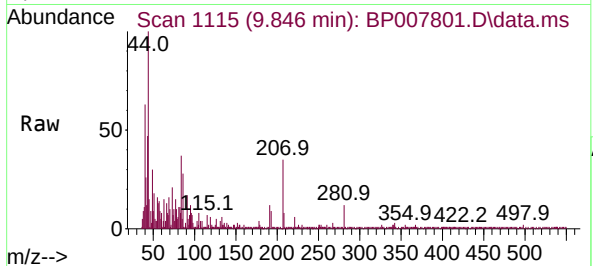




#26
2-Nitrophenol
Concen: 3.974 ng
RT: 9.846 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

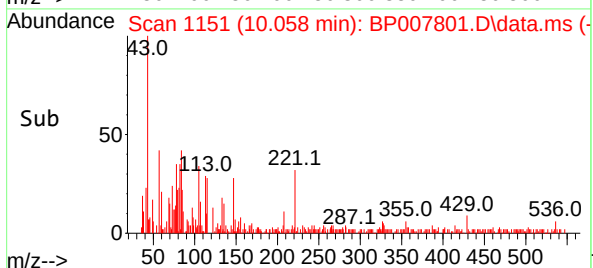
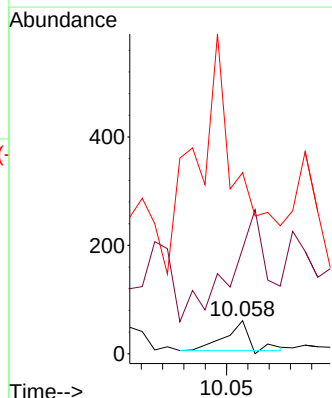
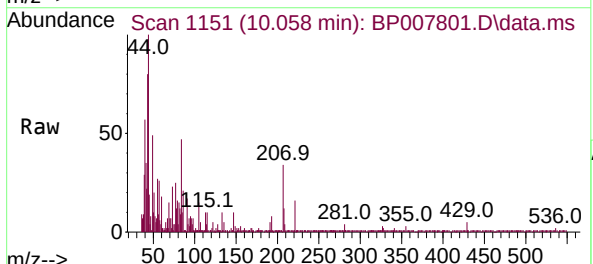
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

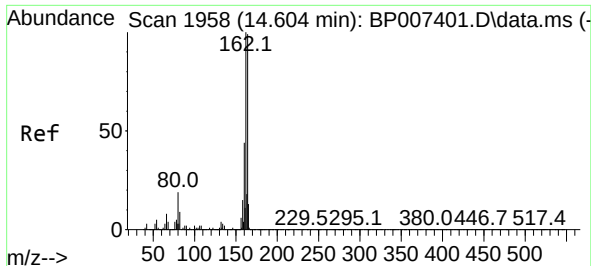
Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 126.2 26.2 39.2#
65 131.0 40.3 60.5#



#32
Benzoic acid
Concen: 6.499 ng
RT: 10.058 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:122 Resp: 44
Ion Ratio Lower Upper
122 100
105 318.0 105.9 145.9#
77 547.5 74.6 114.6#

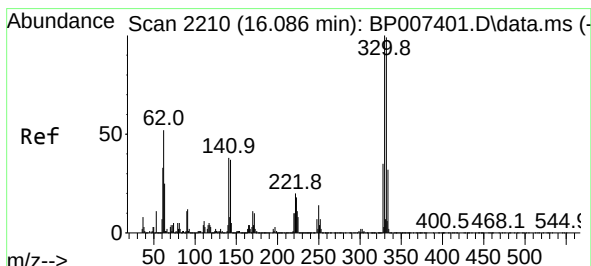
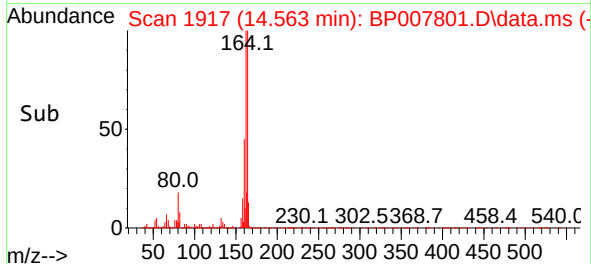
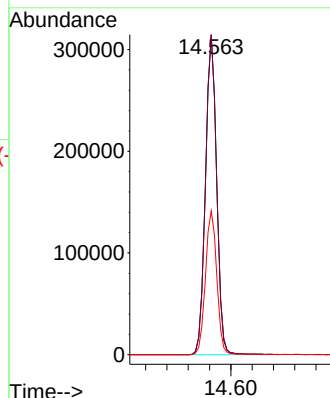
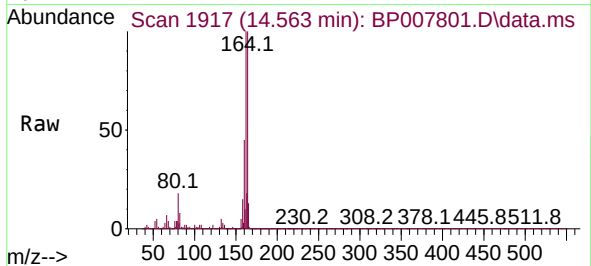




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

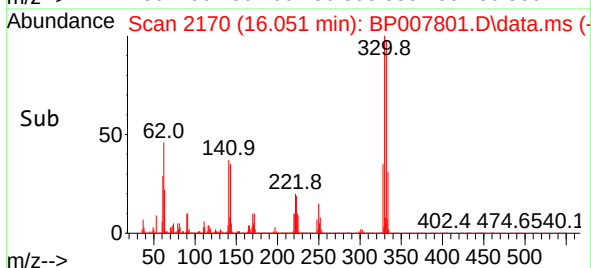
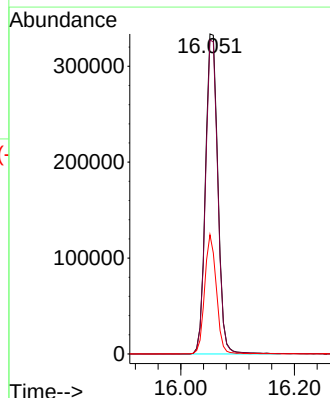
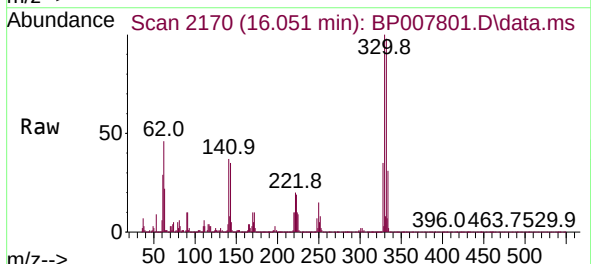
Instrument :
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ClientSampleId :
T2-EP04-S

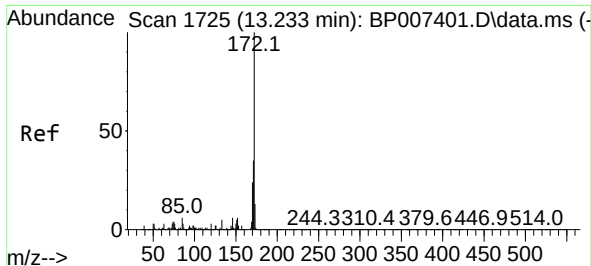
Tgt Ion:164 Resp: 455627
Ion Ratio Lower Upper
164 100
162 99.8 81.1 121.7
160 44.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 106.337 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:330 Resp: 502902
Ion Ratio Lower Upper
330 100
332 97.3 78.9 118.3
141 35.1 30.7 46.1

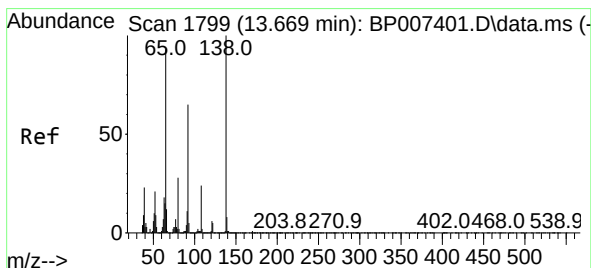
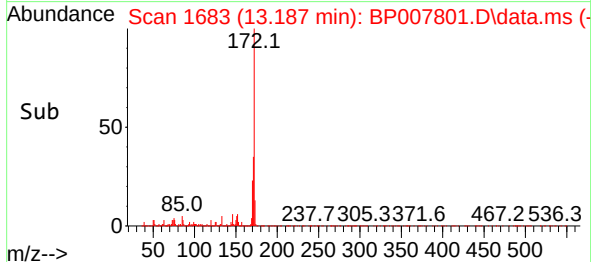
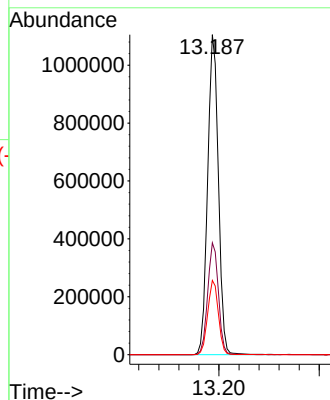
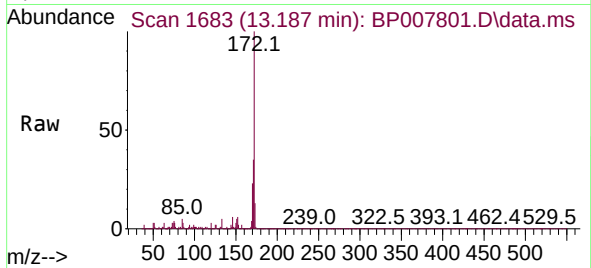




#45
2-Fluorobiphenyl
Concen: 55.120 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

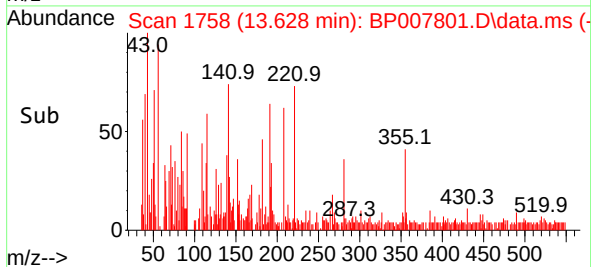
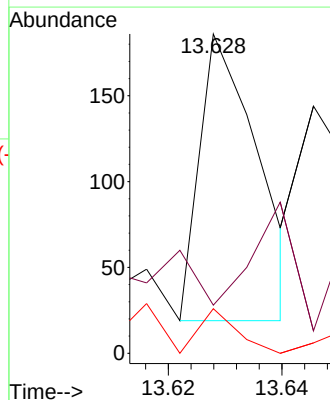
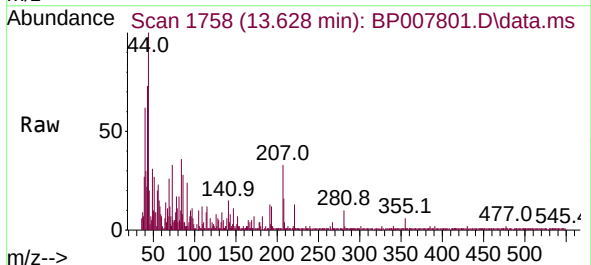
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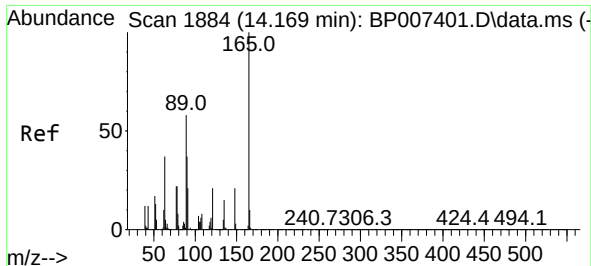
Tgt Ion:172 Resp: 1643051
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.2 19.0 28.4



#48
2-Nitroaniline
Concen: 3.917 ng
RT: 13.628 min Scan# 1758
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 15.1 55.9 83.9#
138 14.0 86.3 129.5#

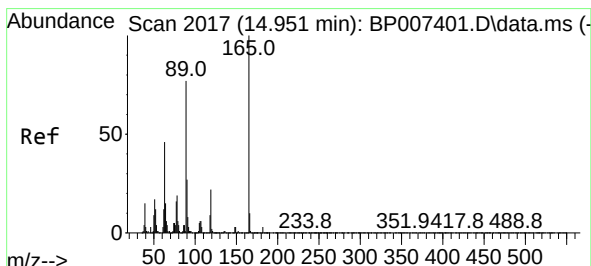
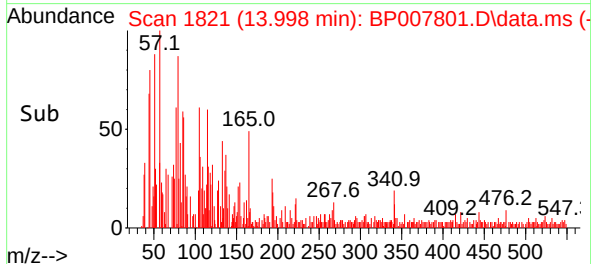
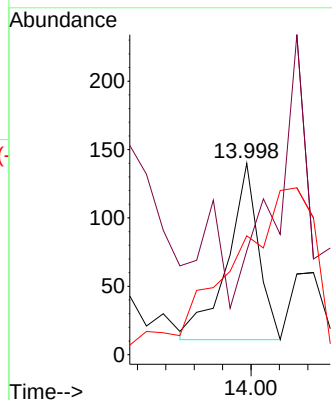
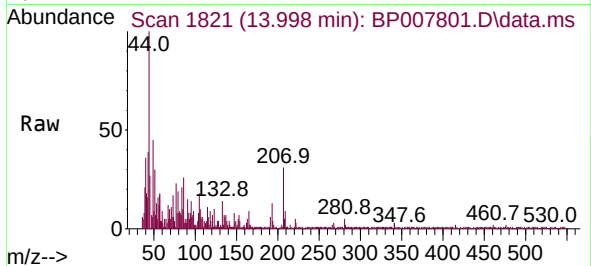




#51
2,6-Dinitrotoluene
Concen: 2.185 ng
RT: 13.998 min Scan# 11
Delta R.T. -0.147 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

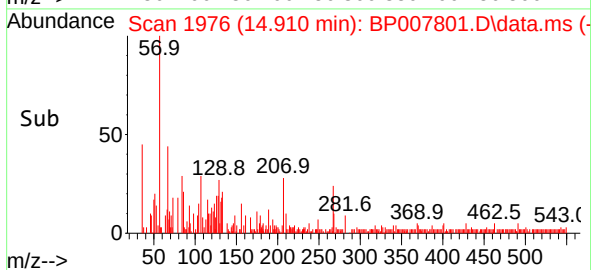
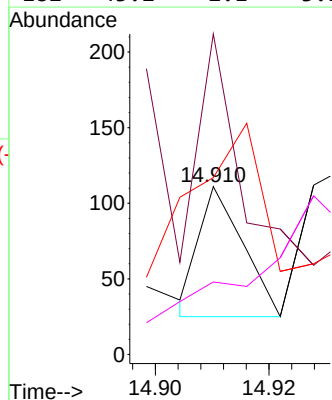
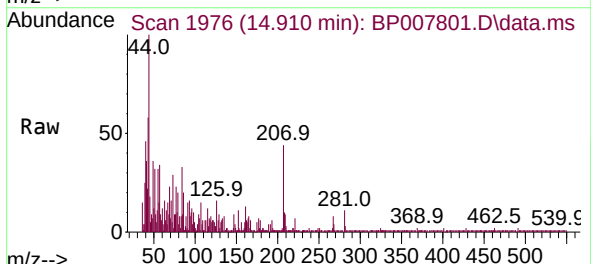
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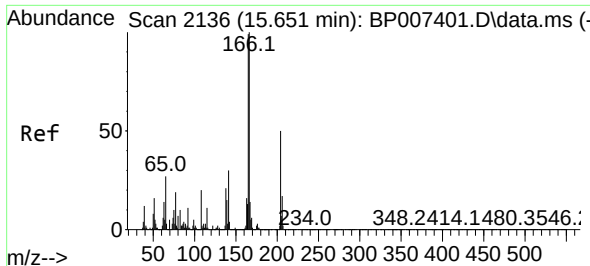
Tgt Ion:165 Resp: 97
Ion Ratio Lower Upper
165 100
63 54.3 44.2 66.2
89 62.1 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.511 ng
RT: 14.910 min Scan# 1976
Delta R.T. -0.024 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:165 Resp: 46
Ion Ratio Lower Upper
165 100
63 191.0 37.4 56.0#
89 105.4 61.8 92.6#
182 43.2 2.1 3.1#

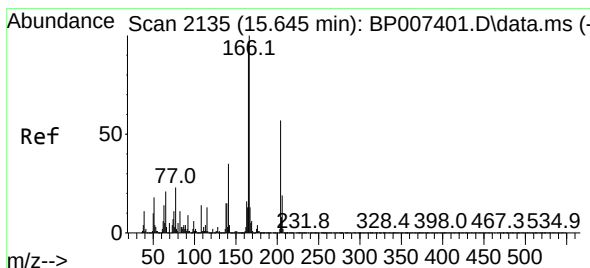
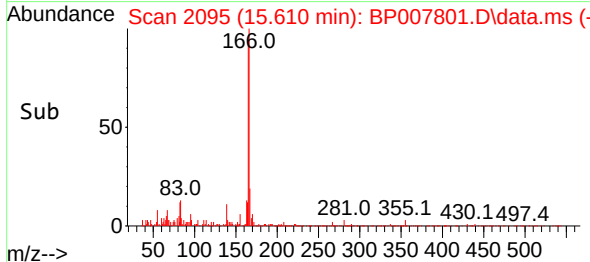
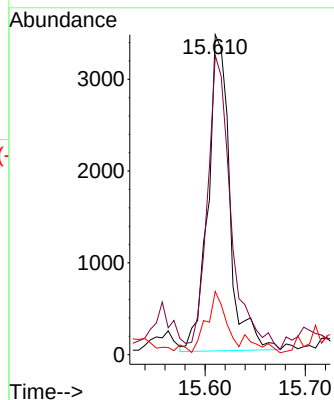
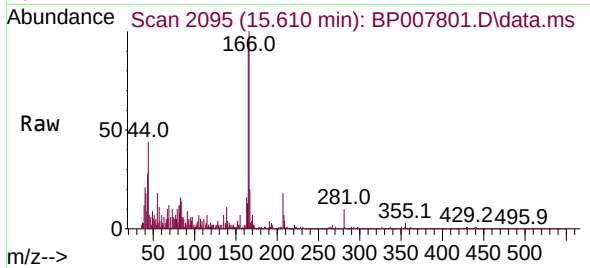




#58
Fluorene
Concen: Below Cal
RT: 15.610 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

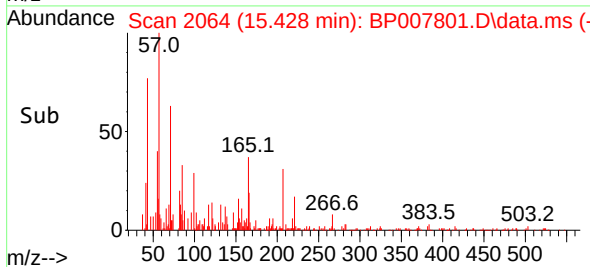
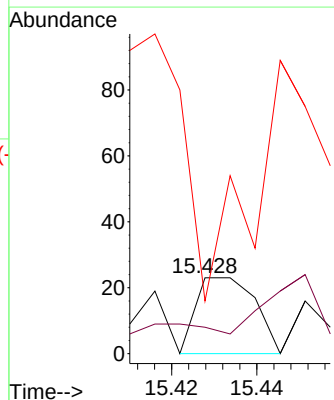
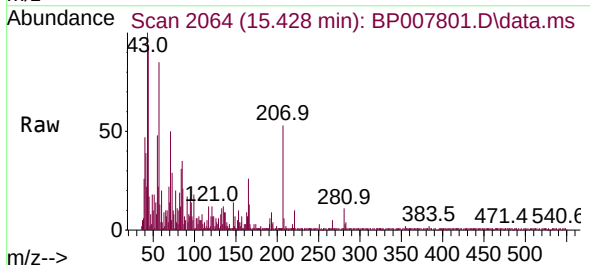
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

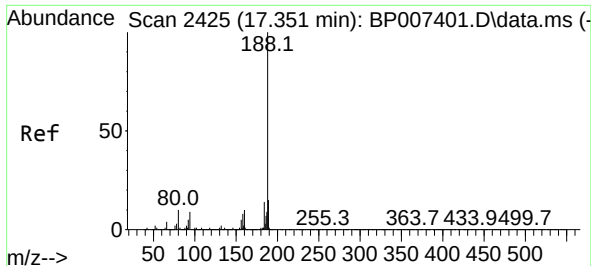
Tgt Ion:166 Resp: 5233
Ion Ratio Lower Upper
166 100
165 93.6 78.9 118.3
167 19.7 10.9 16.3#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.428 min Scan# 2064
Delta R.T. -0.188 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:204 Resp: 22
Ion Ratio Lower Upper
204 100
206 34.8 25.8 38.8
141 69.6 48.8 73.2

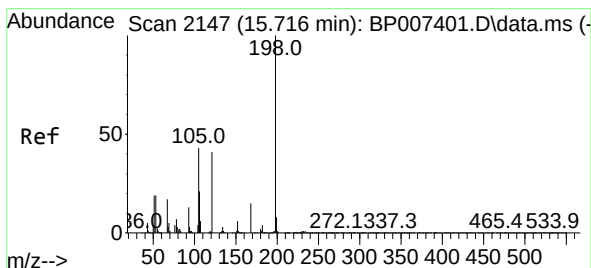
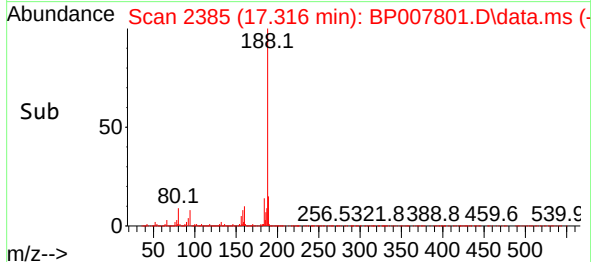
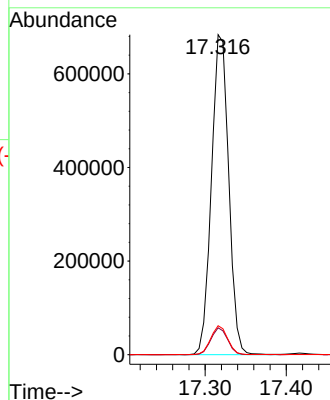
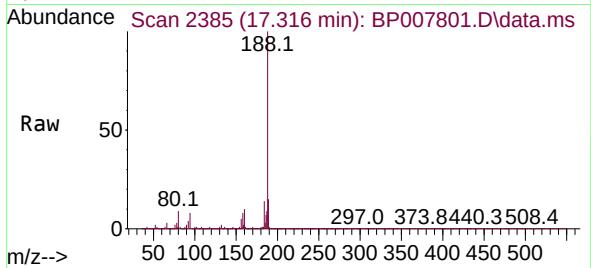




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

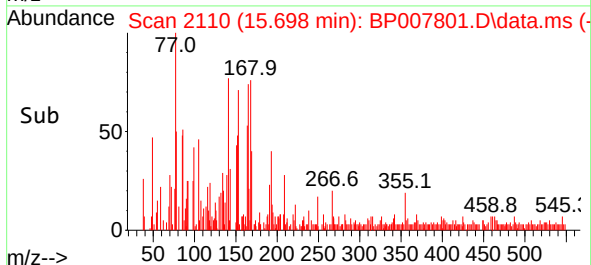
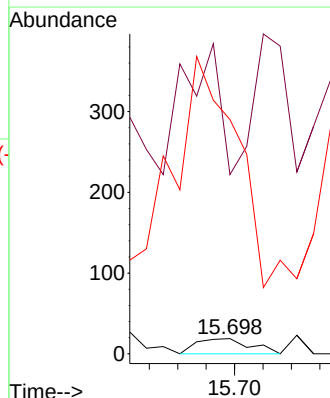
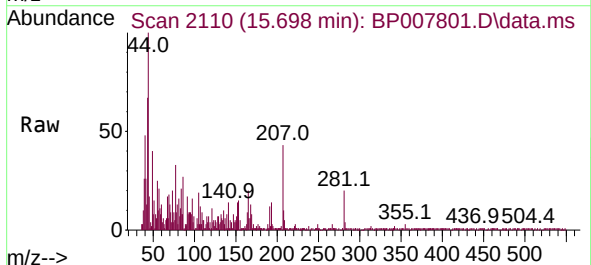
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

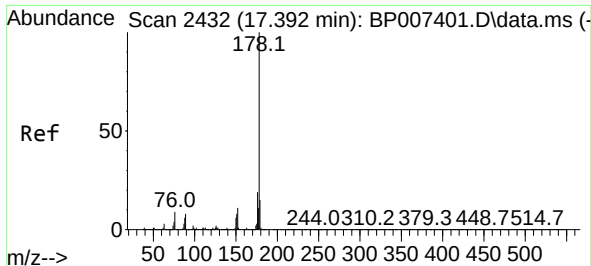
Tgt Ion:188 Resp: 1006591
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.0 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.086 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 1168.4 23.8 63.8#
105 1526.3 24.6 64.6#

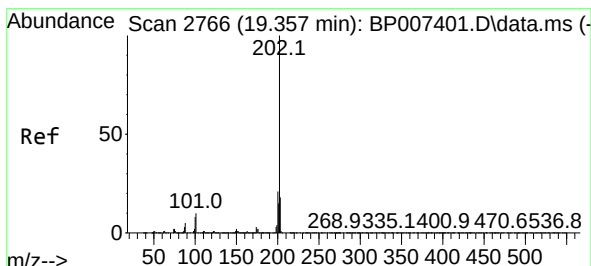
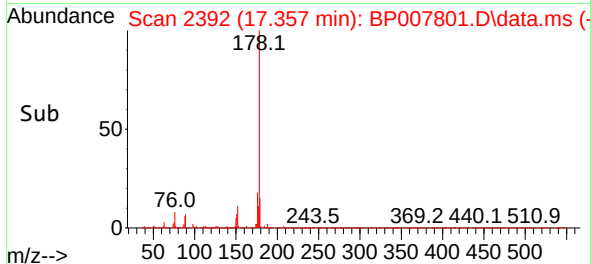
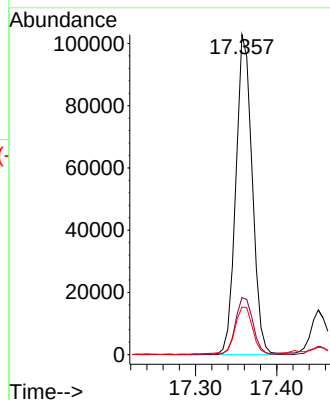
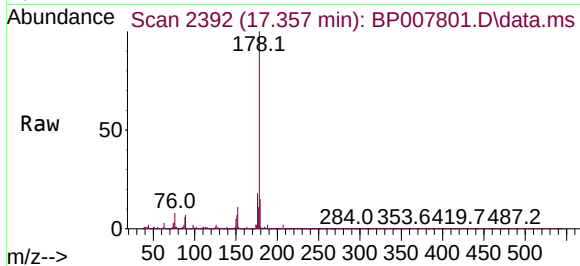




#71
Phenanthrene
Concen: 2.758 ng
RT: 17.357 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

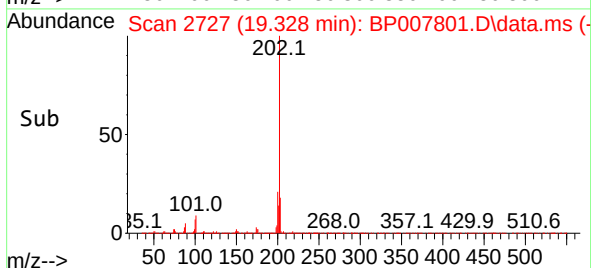
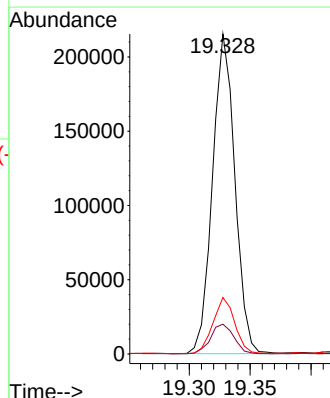
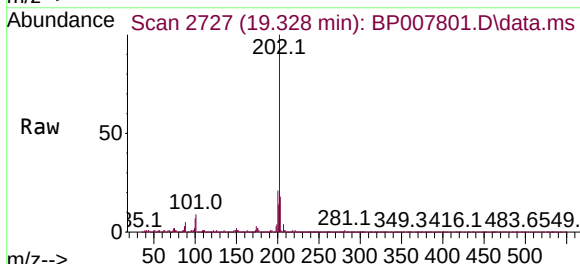
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

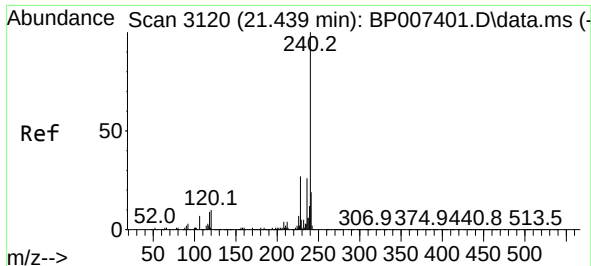
Tgt Ion:178 Resp: 143444
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 14.9 12.3 18.5



#75
Fluoranthene
Concen: 4.361 ng
RT: 19.328 min Scan# 2727
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:202 Resp: 274971
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 17.6 0.0 37.6

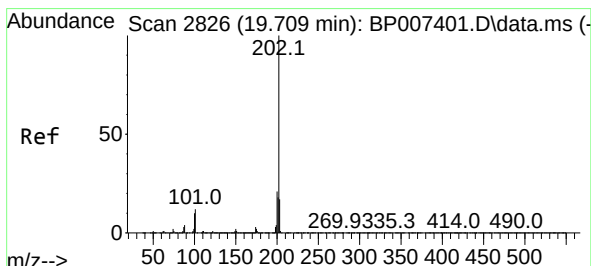
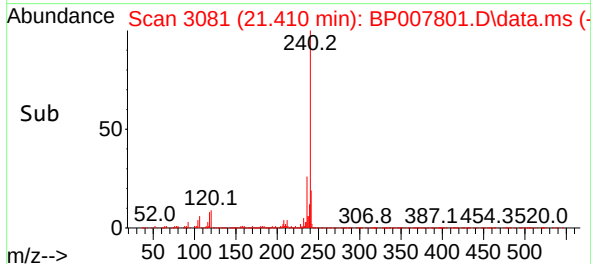
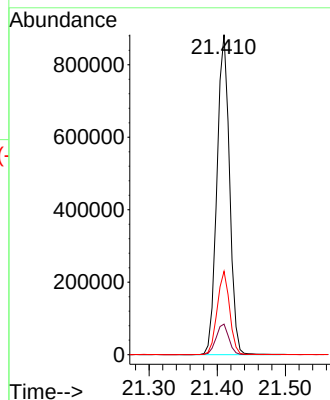
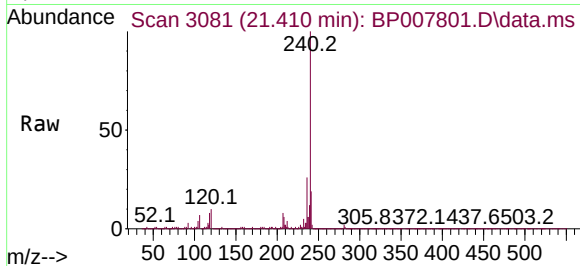




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

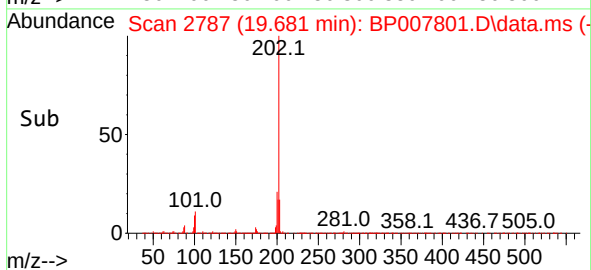
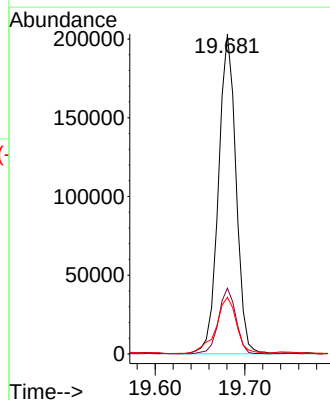
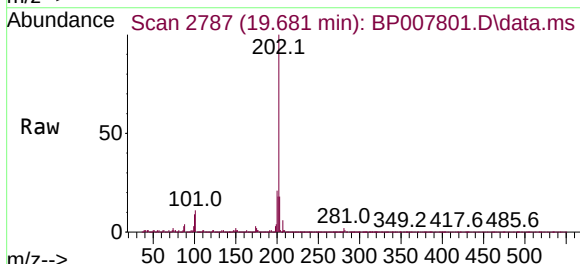
Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

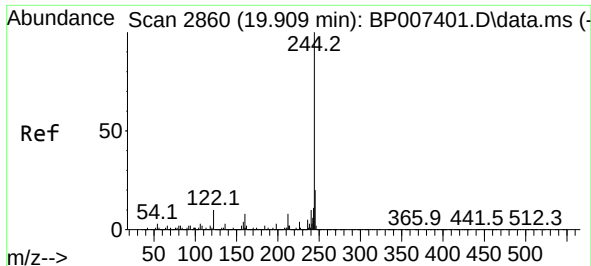
Tgt Ion:240 Resp: 1133911
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.8
236 26.1 20.6 30.8



#78
Pyrene
Concen: 3.680 ng
RT: 19.681 min Scan# 2787
Delta R.T. -0.012 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:202 Resp: 276514
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.7 13.8 20.6

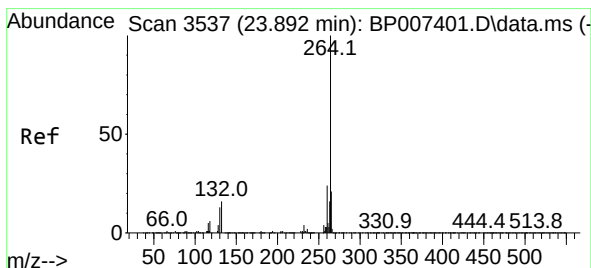
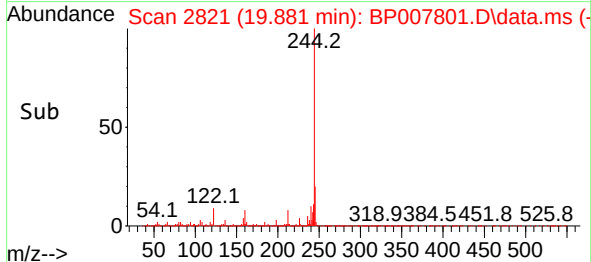
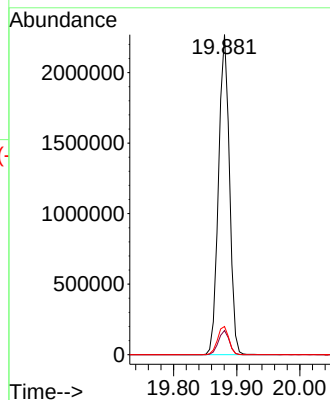
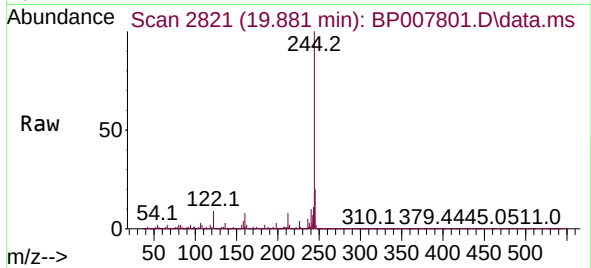




#79
 Terphenyl-d14
 Concen: 48.462 ng
 RT: 19.881 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP007801.D
 Acq: 01 Nov 2021 20:39

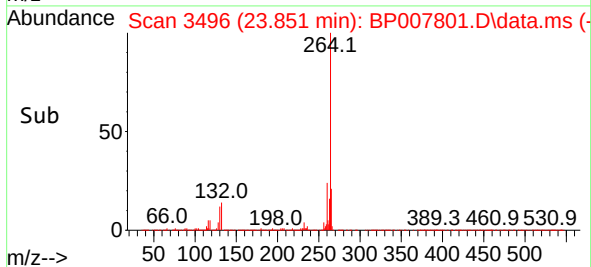
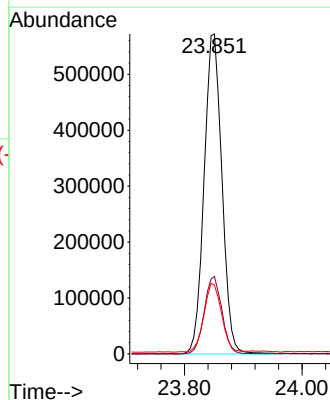
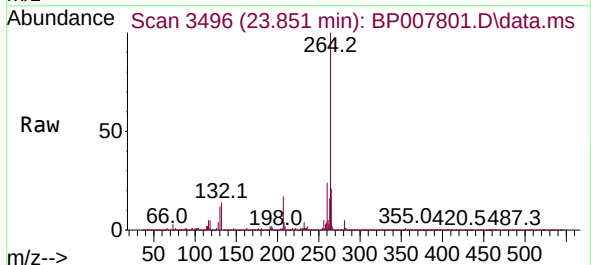
Instrument :
 BNA_P
 ClientSampleId :
 T2-EP04-S

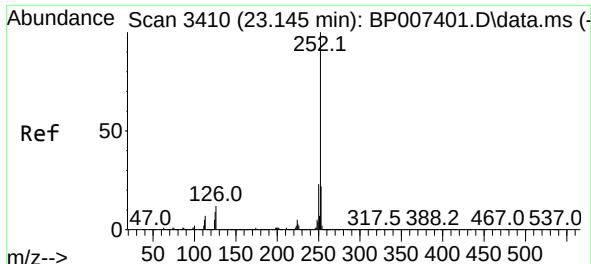
Tgt Ion:244 Resp: 2713122
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3496
 Delta R.T. -0.018 min
 Lab File: BP007801.D
 Acq: 01 Nov 2021 20:39

Tgt Ion:264 Resp: 1204502
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.5 16.7 25.1

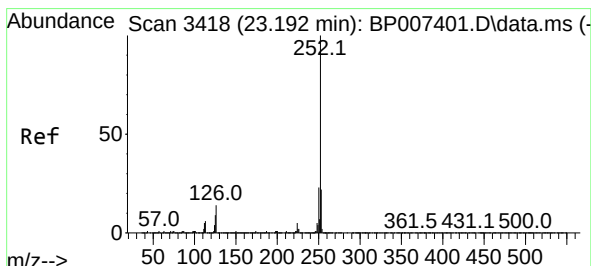
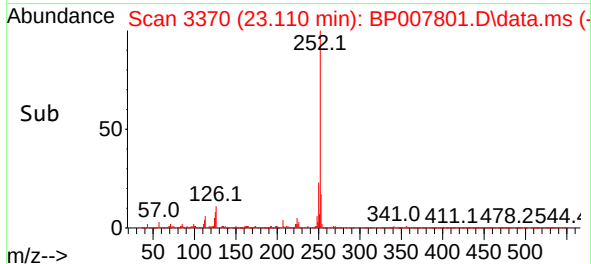
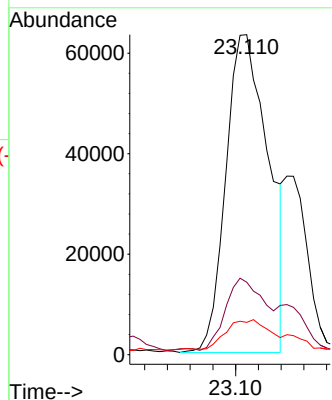
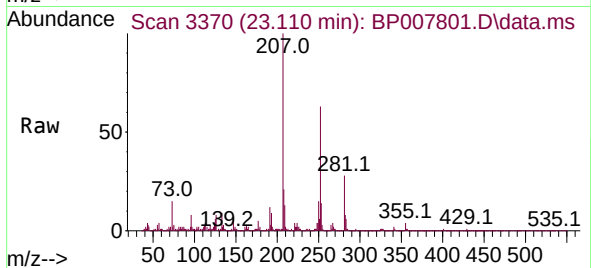




#88
Benzo(b)fluoranthene
Concen: 2.302 ng
RT: 23.110 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Instrument :
BNA_P
ClientSampleId :
T2-EP04-S

Tgt Ion:252 Resp: 164438
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.1 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 2.351 ng
RT: 23.110 min Scan# 3370
Delta R.T. -0.065 min
Lab File: BP007801.D
Acq: 01 Nov 2021 20:39

Tgt Ion:252 Resp: 164438
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.1 7.4 11.0

