

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007790.D
 Acq On : 01 Nov 2021 14:23
 Operator : CG/JU
 Sample : PB140274BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140274BL

Quant Time: Nov 01 14:50:46 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)

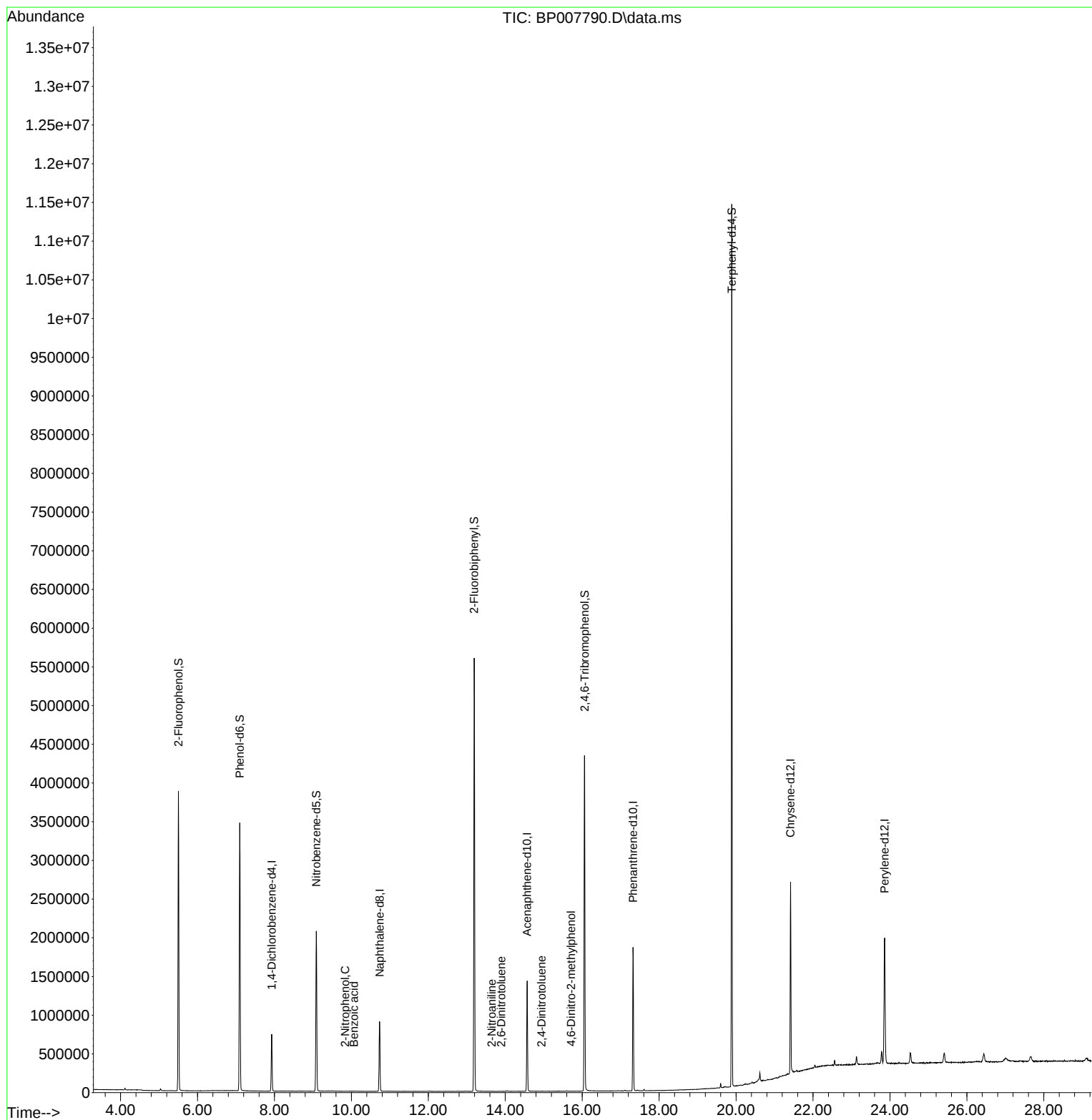
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	203932	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	754886	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	486112	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1103067	20.000	ng	0.00
76) Chrysene-d12	21.416	240	1218576	20.000	ng	0.00
86) Perylene-d12	23.863	264	1238218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1642026	133.454	ng	0.00
7) Phenol-d6	7.099	99	1993534	120.259	ng	0.00
23) Nitrobenzene-d5	9.087	82	1198464	97.977	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	858928	170.227	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	2889009	90.841	ng	0.00
79) Terphenyl-d14	19.886	244	5079830	84.432	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.099	77	4286	Below Cal	#	4
26) 2-Nitrophenol	9.840	139	61	3.978 ng	#	67
32) Benzoic acid	10.069	122	91	6.505 ng	#	1
48) 2-Nitroaniline	13.646	65	134	3.918 ng	#	34
51) 2,6-Dinitrotoluene	13.899	165	17	2.172 ng		92
57) 2,4-Dinitrotoluene	14.946	165	188	3.526 ng	#	70
58) Fluorene	15.622	166	586	Below Cal	#	88
61) 4-Chlorophenyl-phenyle...	15.616	204	305	Below Cal	#	22
65) 4,6-Dinitro-2-methylph...	15.710	198	19	5.085 ng	#	1

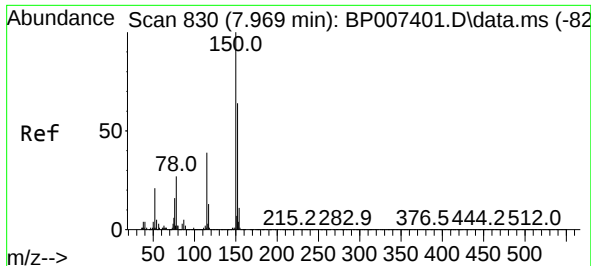
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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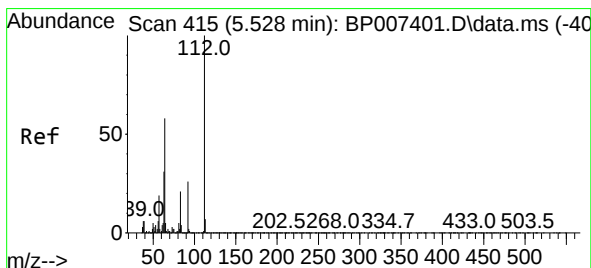
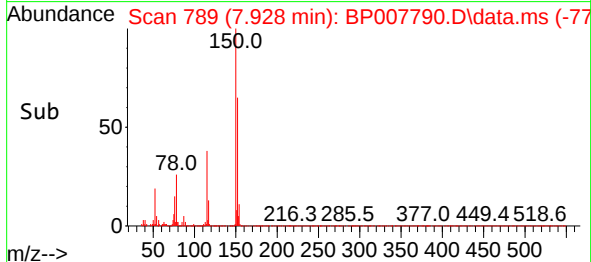
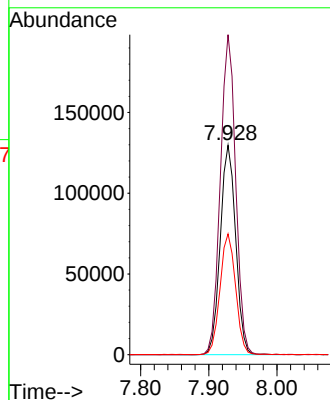
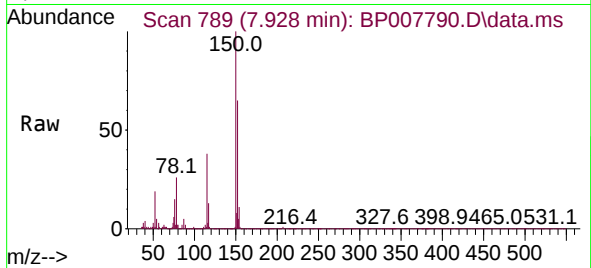




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

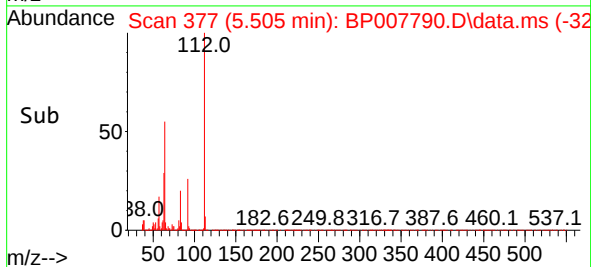
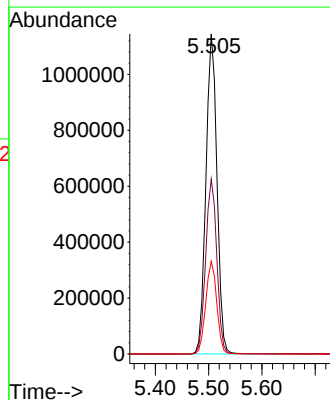
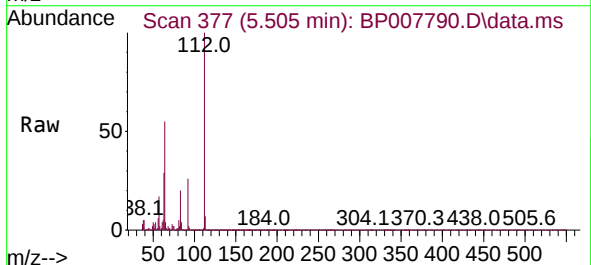
Instrument :
BNA_P
ClientSampleId :
PB140274BL

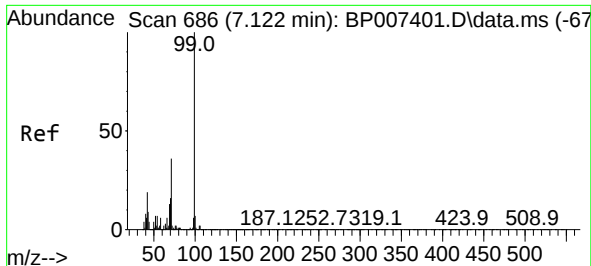
Tgt Ion:152 Resp: 203932
Ion Ratio Lower Upper
152 100
150 152.8 124.1 186.1
115 57.7 48.1 72.1



#5
2-Fluorophenol
Concen: 133.454 ng
RT: 5.505 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:112 Resp: 1642026
Ion Ratio Lower Upper
112 100
64 54.7 46.6 70.0
63 29.0 25.0 37.6

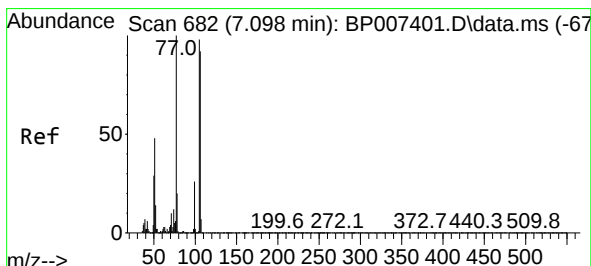
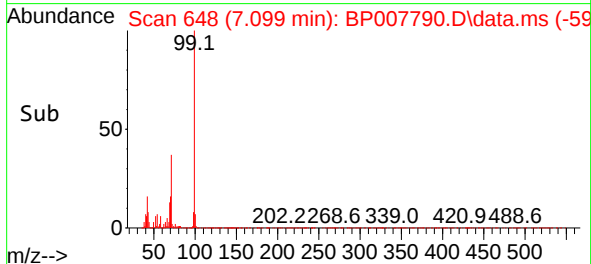
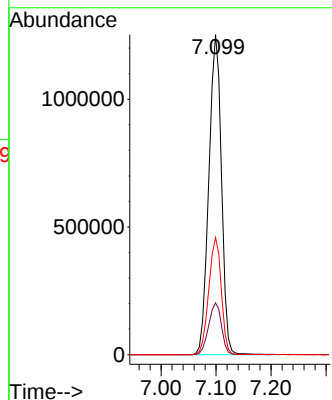
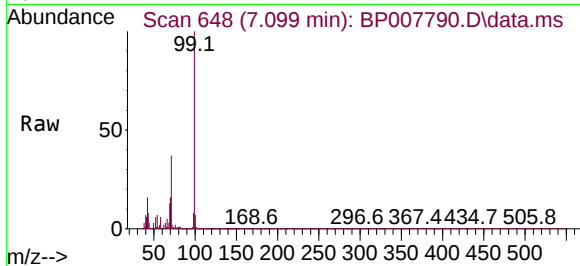




#7
Phenol-d6
Concen: 120.259 ng
RT: 7.099 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

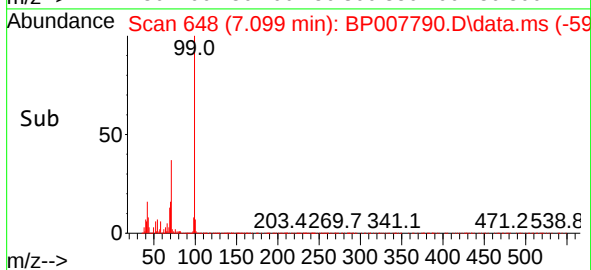
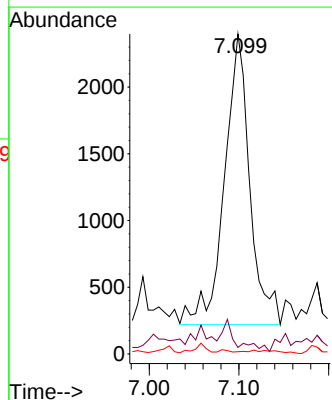
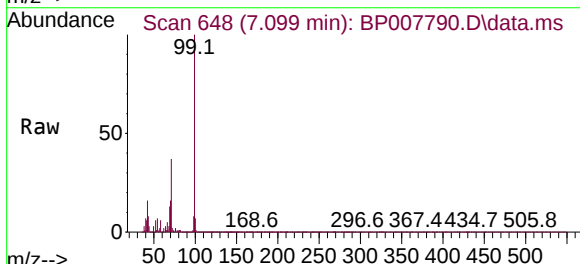
Instrument :
BNA_P
ClientSampleId :
PB140274BL

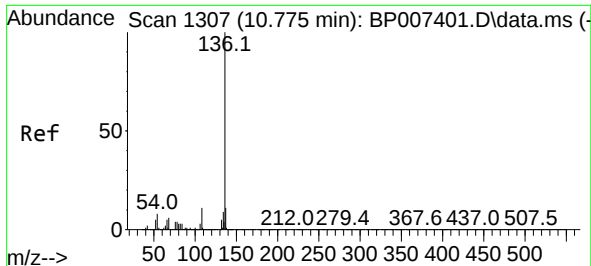
Tgt Ion: 99 Resp: 1993534
Ion Ratio Lower Upper
99 100
42 16.2 14.9 22.3
71 36.6 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.099 min Scan# 648
Delta R.T. 0.035 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion: 77 Resp: 4286
Ion Ratio Lower Upper
77 100
105 2.0 77.5 117.5#
106 0.7 72.1 112.1#

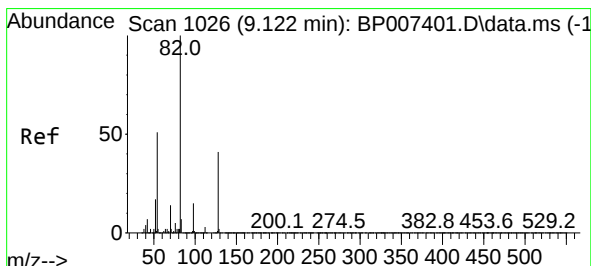
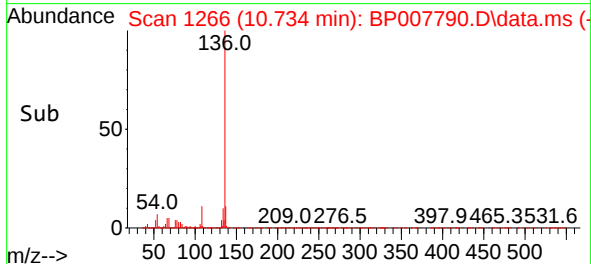
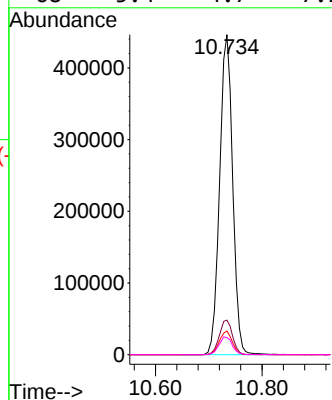
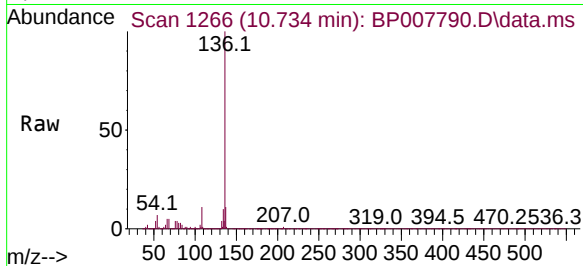




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

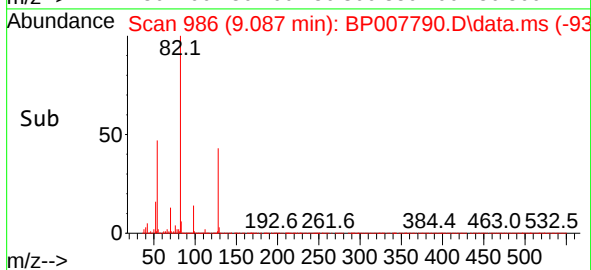
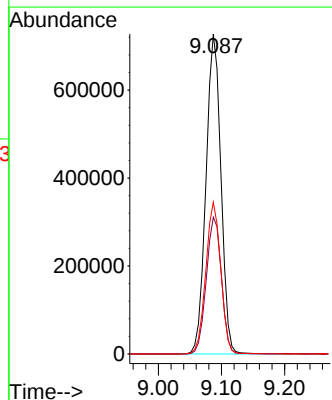
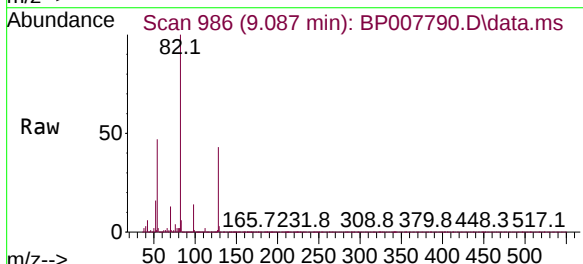
Instrument :
BNA_P
ClientSampleId :
PB140274BL

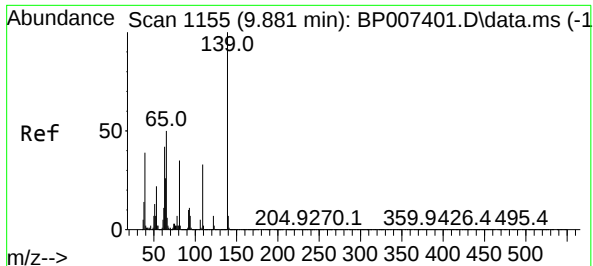
Tgt Ion:	136	Resp:	754886
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.4	6.2	9.4
68	5.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 97.977 ng
RT: 9.087 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:	82	Resp:	1198464
Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.6	48.8
54	47.5	40.4	60.6

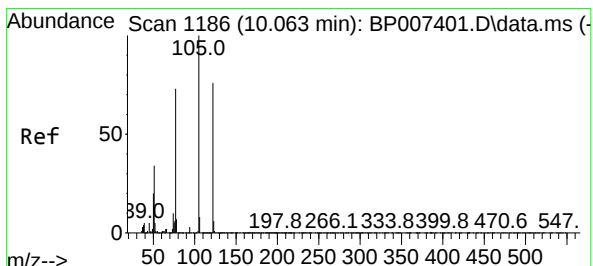
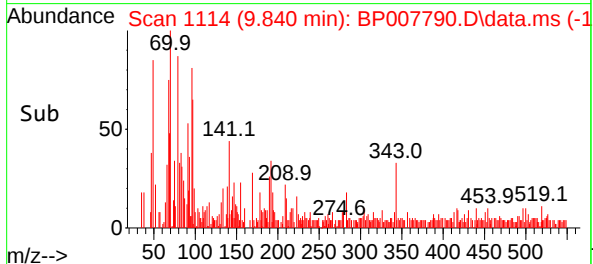
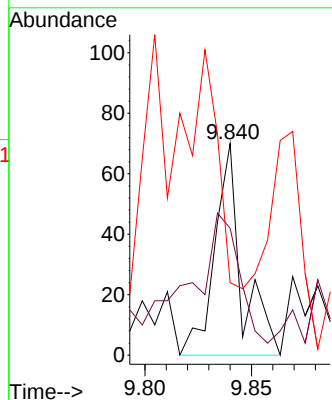
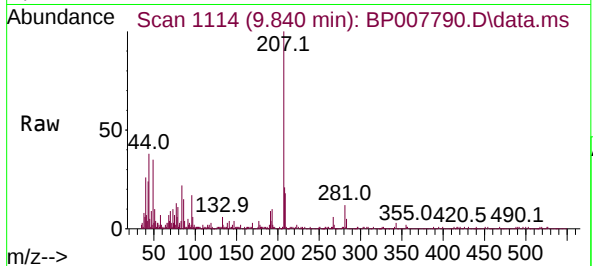




#26
2-Nitrophenol
Concen: 3.978 ng
RT: 9.840 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

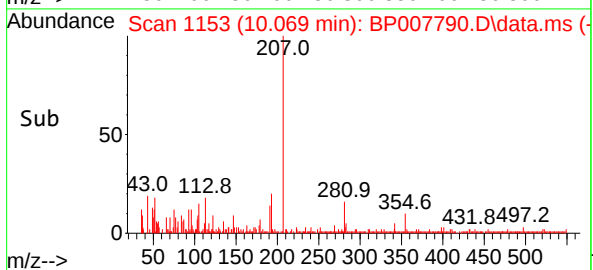
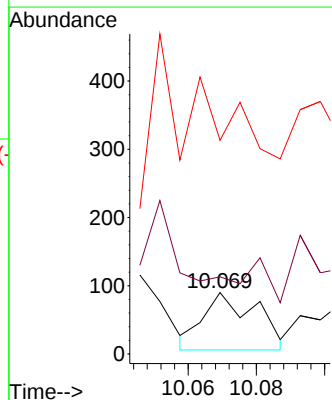
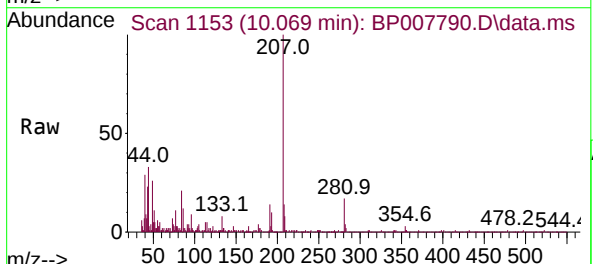
Instrument :
BNA_P
ClientSampleId :
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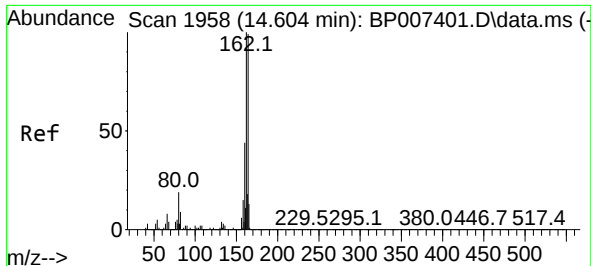
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 60.0 26.2 39.2#
65 34.3 40.3 60.5#



#32
Benzoic acid
Concen: 6.505 ng
RT: 10.069 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:122 Resp: 91
Ion Ratio Lower Upper
122 100
105 115.3 105.9 145.9
77 319.4 74.6 114.6#

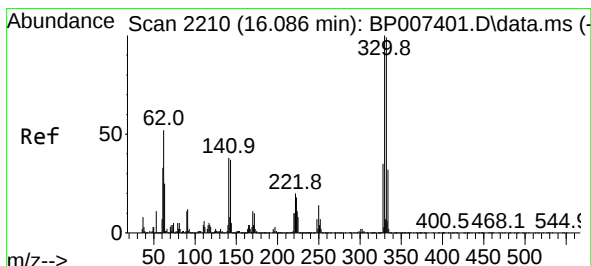
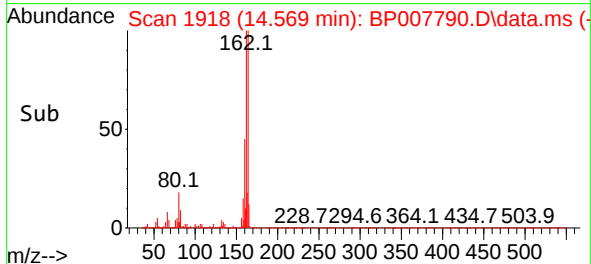
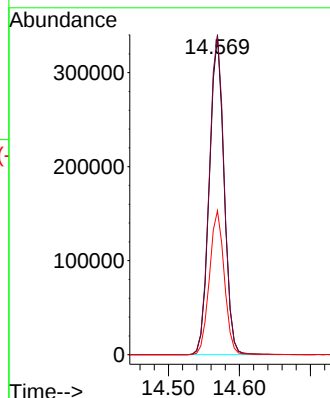
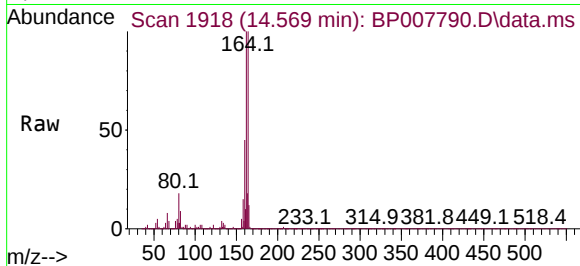




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

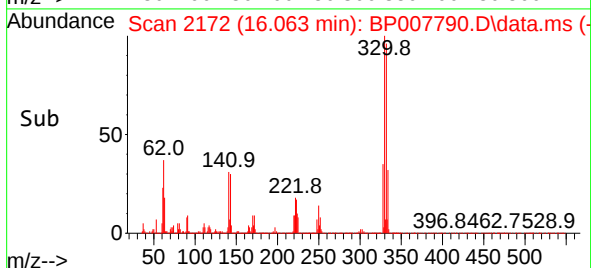
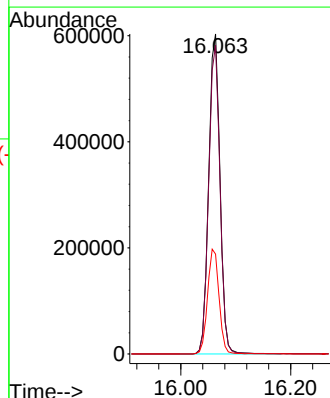
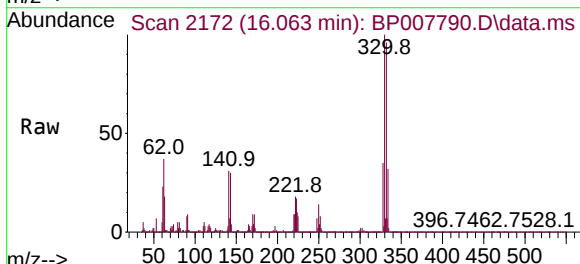
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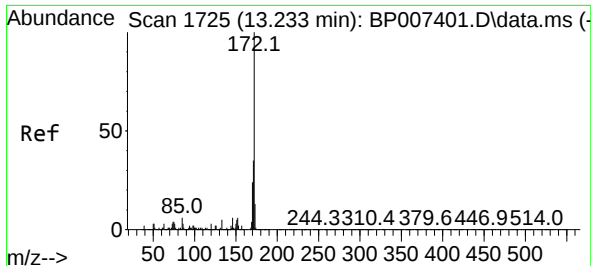
Tgt Ion:164 Resp: 486112
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 45.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 170.227 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:330 Resp: 858928
Ion Ratio Lower Upper
330 100
332 96.7 78.9 118.3
141 33.3 30.7 46.1

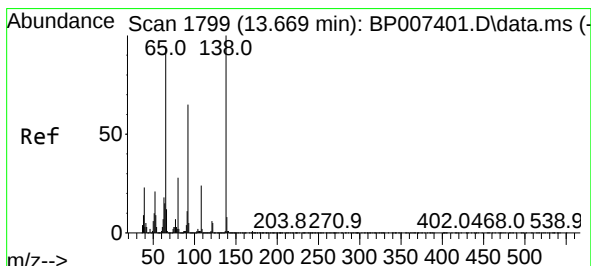
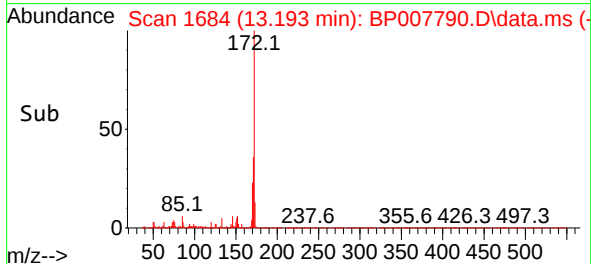
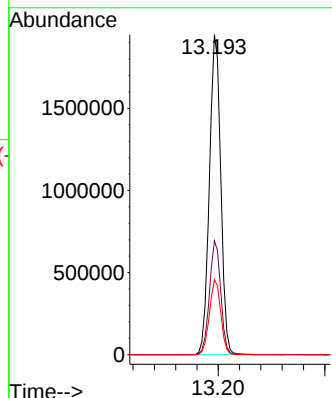
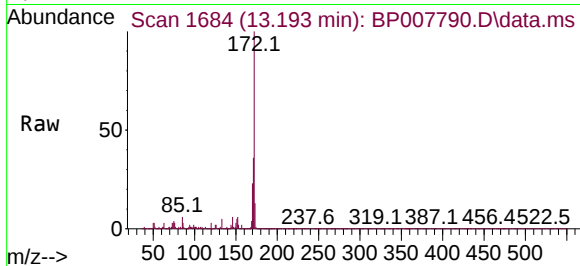




#45
2-Fluorobiphenyl
Concen: 90.841 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

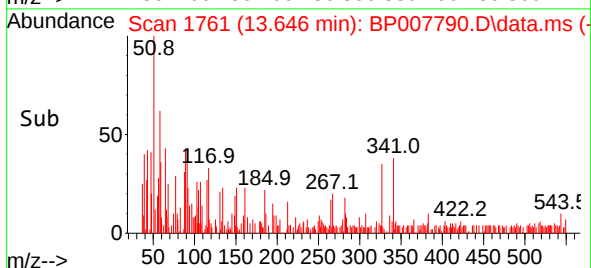
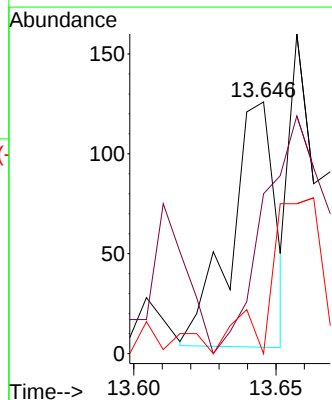
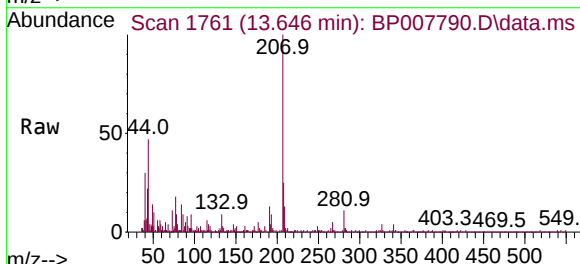
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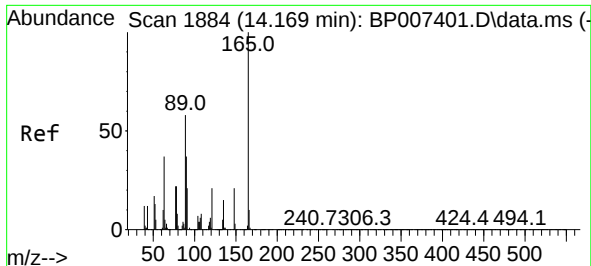
Tgt Ion:172 Resp: 2889009
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 19.0 28.4



#48
2-Nitroaniline
Concen: 3.918 ng
RT: 13.646 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 63.5 55.9 83.9
138 0.0 86.3 129.5#

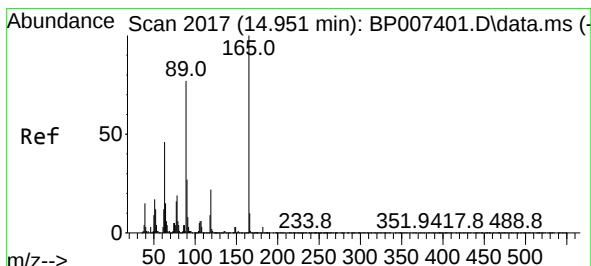
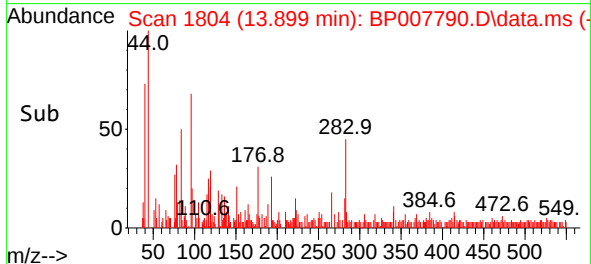
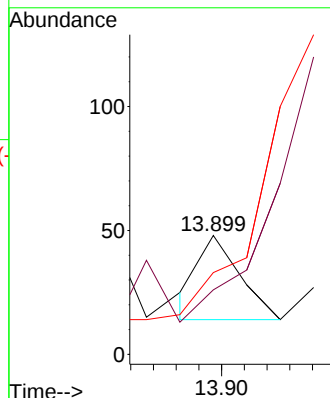
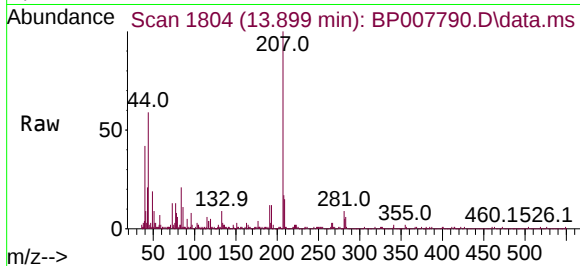




#51
2,6-Dinitrotoluene
Concen: 2.172 ng
RT: 13.899 min Scan# 11
Delta R.T. -0.247 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

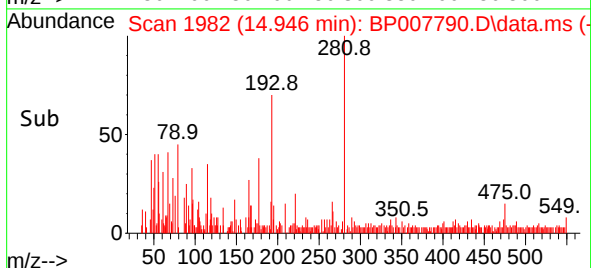
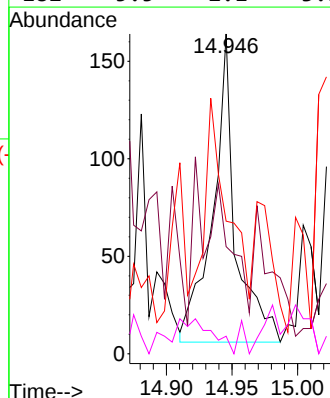
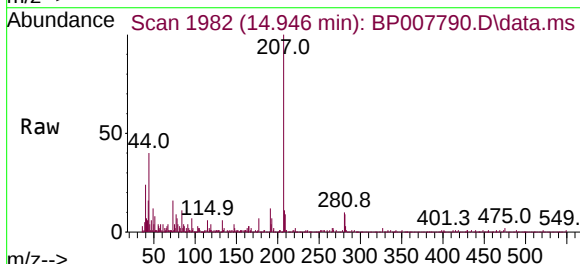
Instrument :
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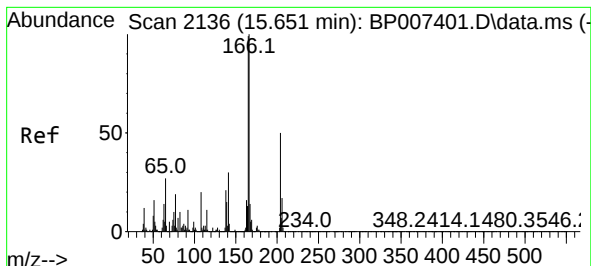
Tgt Ion:165 Resp: 17
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.2
89 68.8 46.6 70.0



#57
2,4-Dinitrotoluene
Concen: 3.526 ng
RT: 14.946 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:165 Resp: 188
Ion Ratio Lower Upper
165 100
63 39.0 37.4 56.0
89 41.5 61.8 92.6#
182 5.5 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 15.622 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BP007790.D

Acq: 01 Nov 2021 14:23

Instrument :

BNA_P

ClientSampleId :

PB140274BL

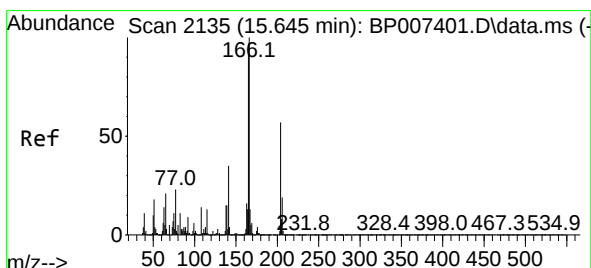
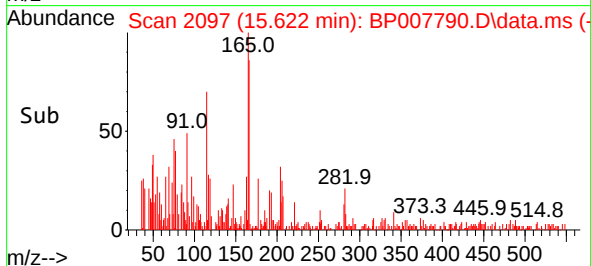
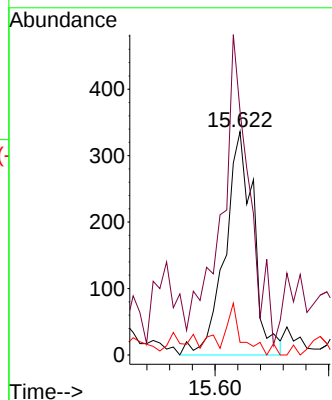
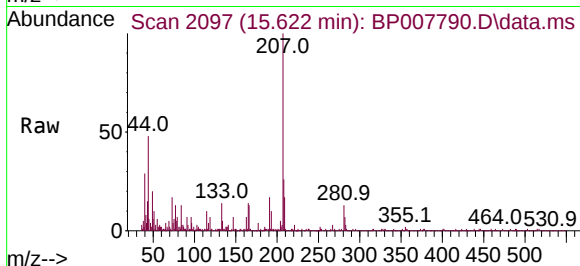
Tgt Ion:166 Resp: 586

Ion Ratio Lower Upper

166 100

165 109.2 78.9 118.3

167 5.7 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: BP007790.D

Acq: 01 Nov 2021 14:23

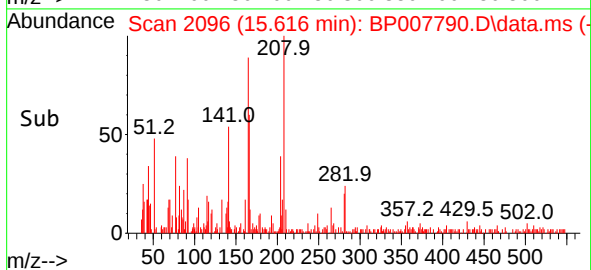
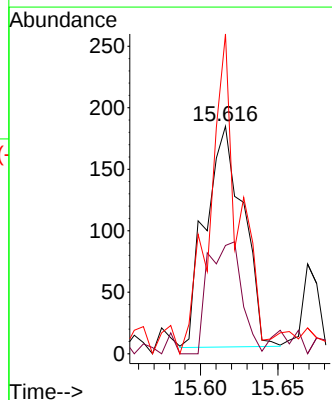
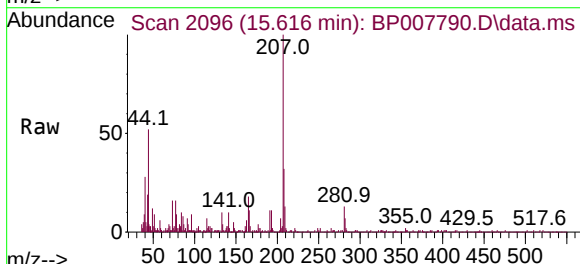
Tgt Ion:204 Resp: 305

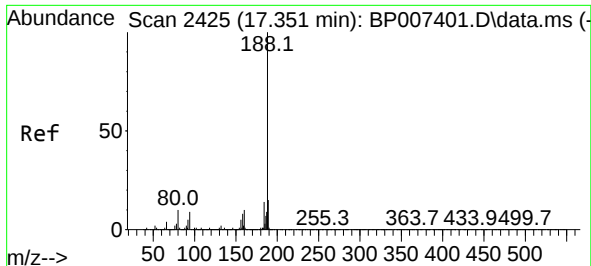
Ion Ratio Lower Upper

204 100

206 47.6 25.8 38.8#

141 140.5 48.8 73.2#

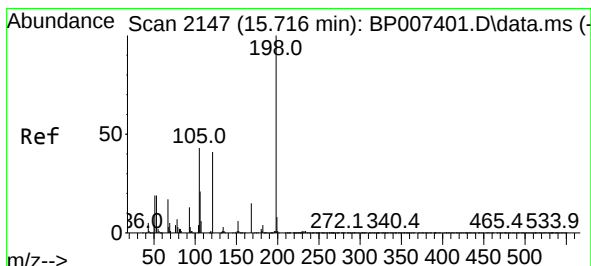
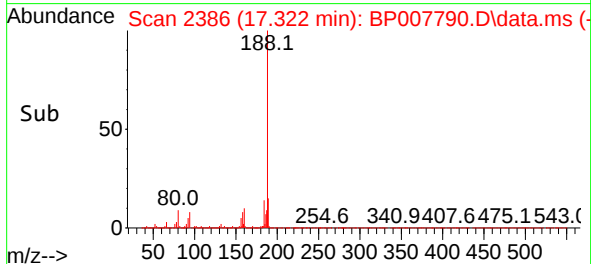
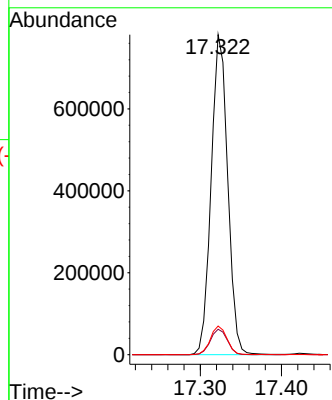
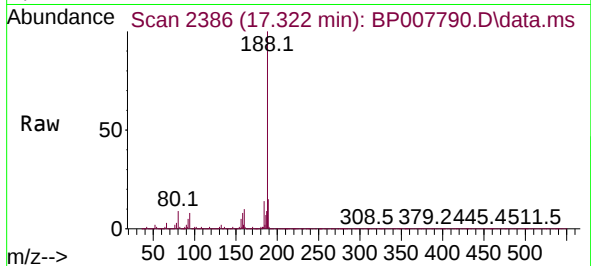




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

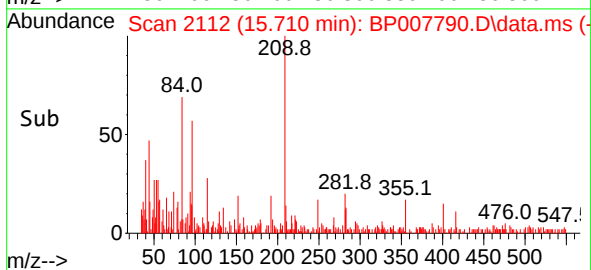
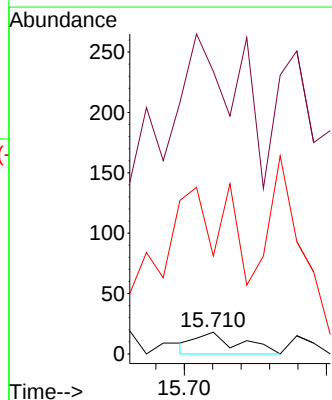
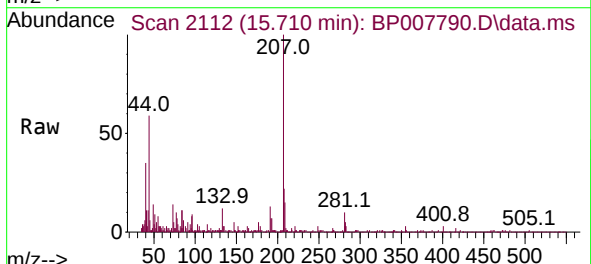
Instrument :
BNA_P
ClientSampleId :
PB140274BL

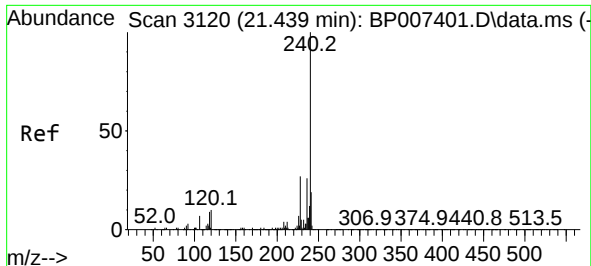
Tgt Ion:188 Resp: 1103067
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 9.0 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.085 ng
RT: 15.710 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 1300.0 23.8 63.8#
105 450.0 24.6 64.6#

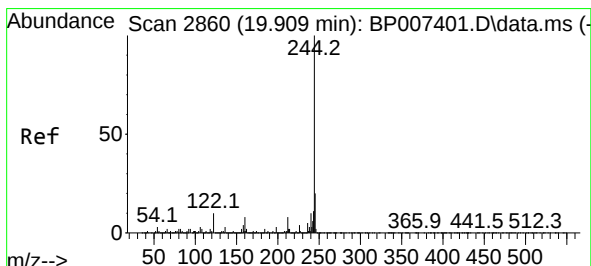
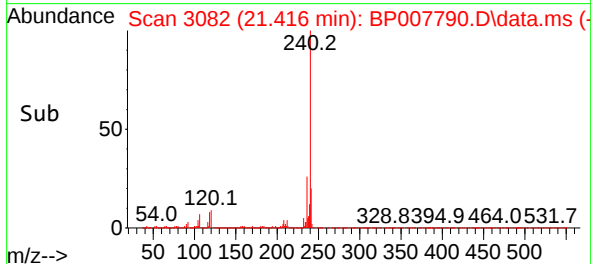
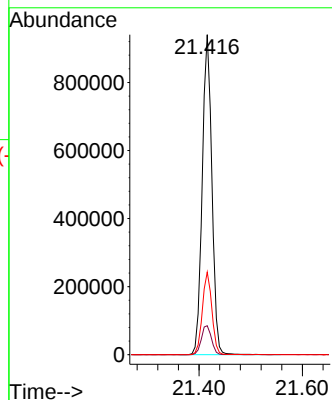
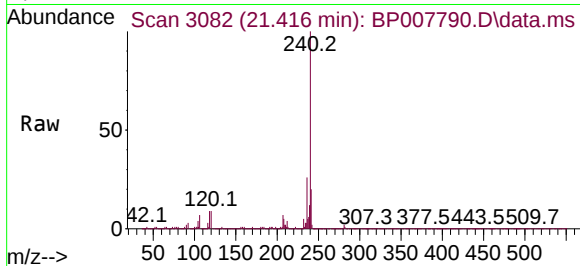




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

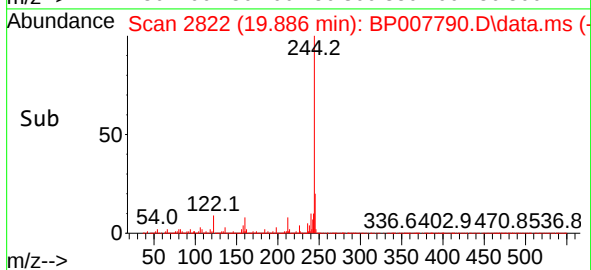
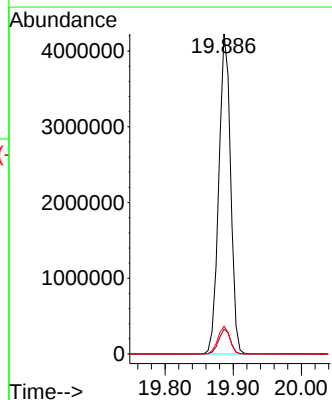
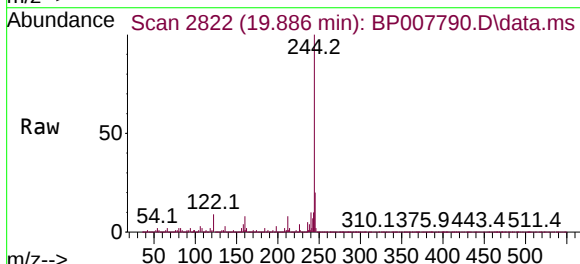
Instrument :
BNA_P
ClientSampleId :
PB140274BL

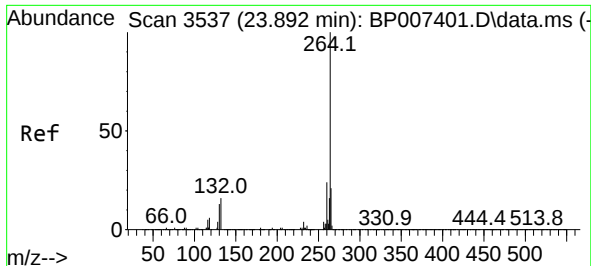
Tgt Ion:240 Resp: 1218576
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.8
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 84.432 ng
RT: 19.886 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Tgt Ion:244 Resp: 5079830
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.6 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP007790.D
Acq: 01 Nov 2021 14:23

Instrument :
BNA_P
ClientSampleId :
PB140274BL

Tgt Ion:264 Resp: 1238218
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.6 16.7 25.1

